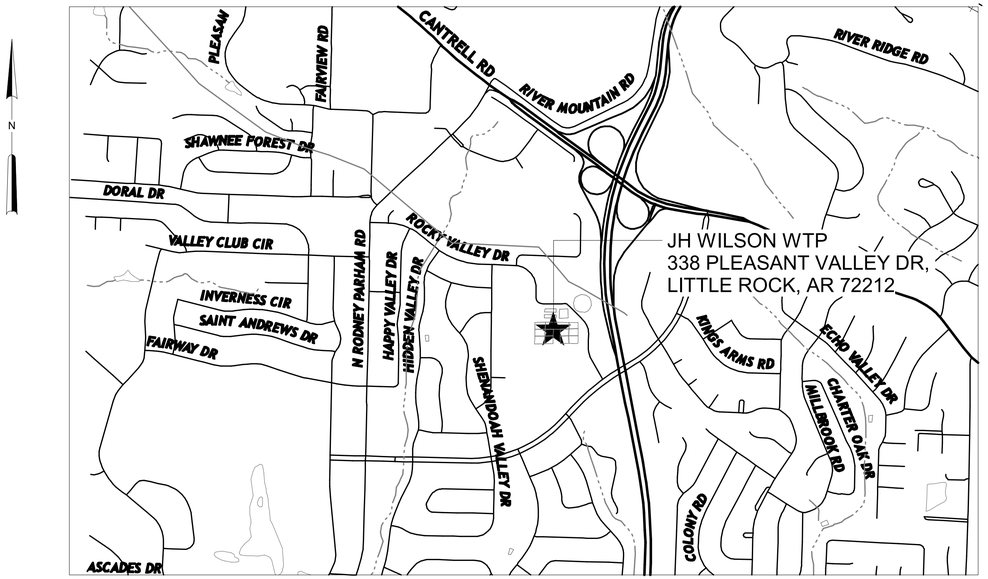
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

OWNER CONTINGENCY EXPENDITURE #4

HAZEN PROJECT NO. 60711-003
100% SUBMITTAL - JULY 2026



LOCATION PLAN
NOT TO SCALE

Hazen

IN PARTNERSHIP WITH HAWKINS WEIR ENGINEERS, INC.

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

AREA 00 - GENERAL

_____	COVER SHEET
G0000	INDEX OF DRAWINGS
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G0009	SAMPLE AND ANALYZER DIAGRAM -SHEET 2

MECHANICAL

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M3020	ENLARGED BOTTOM PLAN AND SAMPLE PUMP DETAIL -CROSS GALLERY
M3023	ENLARGED INTERMEDIATE PLAN -GALLERY
M3026	NOT USED
M3027	SAMPLE PIPING CABLE TRAY ROUTING PLAN
M3028	SAMPLE PIPING PANEL DETAILS
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M8002	DAY LAB AND LAB SINK DETAIL
M8003	SECOND FLOOR PLAN
M8004	ENLARGED PLAN AND SECTIONS -DAY LAB
M8005	SAMPLE PIPING PENETRATION DETAILS

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A0003	ENLARGED SITE PLAN -EXISTING FRONT GATE ENTRY MODIFICATIONS
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A0009	CODE SUMMARY AND LIFE SAFETY PLAN -BULK CHEM
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A0013	SCHEDULE -DOORS
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A0015	DOOR DETAILS -HEAD, JAMB, SILL
A0016	PARTITION TYPES
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A0020	CEILING DETAILS
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A0024	1-HR FIRESTOPPING DETAILS

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A3004	THIRD FLOOR PLAN -CROSS GALLERY DEMOLITION
A3005	ENLARGED FLOOR PLAN -WEST GALLERY DEMOLITION
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A3007	ENLARGED SECOND FLOOR AND FINISH PLAN -CROSS GALLERY NEW CONSTRUCTION
A3008	THIRD FLOOR PLAN -CROSS GALLERY NEW CONSTRUCTION
A3009	ENLARGED FLOOR PLAN -WEST GALLERY NEW CONSTRUCTION
A3010	ENLARGED FLOOR PLAN -EAST GALLERY NEW CONSTRUCTION
A3011	ENLARGED FLOOR PLAN -CROSS GALLERY RESTROOMS
A3015	REFLECTED CEILING PLAN -WEST GALLERY NEW CONSTRUCTION
A3016	REFLECTED CEILING PLAN -CROSS GALLERY NEW CONSTRUCTION
A3017	REFLECTED CEILING PLAN -EAST GALLERY NEW CONSTRUCTION
A3018	ENLARGED REFLECTED CEILING PLAN -CROSS GALLERY RESTROOMS
A3019	ENLARGED REFLECTED CEILING PLAN CROSS GALLERY CONTROL ROOM / BREAK ROOM
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A3026	SECOND FLOOR FURNITURE PLANS
A3030	EXTERIOR ELEVATIONS -NORTH AND SOUTH
A3031	EXTERIOR ELEVATIONS -EAST AND WEST

ARCHITECTURAL CONT.

AREA 80 - ADMINISTRATION BUILDING

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A8001	SECOND FLOOR PLAN -DEMOLITION
A8002	ROOF PLAN -DEMOLITION ROOF PLAN -DEMOLITION
A8003	FIRST FLOOR PLAN -NEW CONSTRUCTION
A8004	SECOND FLOOR PLAN -NEW CONSTRUCTION
A8005	ROOF PLAN -NEW CONSTRUCTION ROOF PLAN -NEW CONSTRUCTION
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A8011	ENLARGED FLOOR PLANS -RESTROOMS
A8012	SECTION -EXTERIOR COLUMNS
A8015	FIRST FLOOR CEILING PLAN -NEW CONSTRUCTION
A8016	SECOND FLOOR CEILING PLAN -NEW CONSTRUCTION
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HVAC

GENERAL

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H002	SCHEDULES SHEET 1
H003	SCHEDULES SHEET 2
H004	SCHEDULES SHEET 3
H005	SCHEDULES SHEET 4
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H006	AIRFLOW DIAGRAMS
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H008A	AIRFLOW DIAGRAMS SHEET 4
H008B	REFRIGERANT PIPING DIAGRAMS SHEET 1
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AREA 30 - FILTER BUILDING

H3000	3D ISOMETRIC
H3001	DEMOLITION -GROUND & SECOND FLOOR PARTIAL PLANS
H3002	DEMOLITION -SECOND FLOOR PARTIAL PLAN -WEST GALLERY
H3003	DEMOLITION -SECOND FLOOR PARTIAL PLAN -FEEDER ROOM
H3004	DEMOLITION -THIRD FLOOR PLAN
H3005	GROUND FLOOR & SECOND FLOOR PARTIAL PLANS
H3006	SECOND FLOOR -PARTIAL PLAN WEST GALLERY
H3007	SECOND FLOOR -PARTIAL PLAN FEEDER ROOM
H3008	THIRD FLOOR & ROOF PLAN
H3009	ENLARGED FLOOR PLANS & SECTIONS

AREA 80 - ADMINISTRATION BUILDING

H8001	ISOMETRIC VIEWS
H8002	BOTTOM PLAN DEMOLITION
H8003	INTERMEDIATE PLAN DEMOLITION
H8004	ROOF PLAN DEMOLITION & ISOMETRIC
H8005	BOTTOM PLAN
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H8007	ROOF PLAN

STANDARD DETAILS

HD1	DETAILS
HD2	DETAILS
HD3	DETAILS
HD4	DETAILS

PLUMBING

GENERAL

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P0002	SCHEDULES SHEET 1
P0003	SCHEDULES SHEET 2

AREA 30 - FILTER BUILDING

P3000	RISER -DEMOLITION -DWV AND STORMWATER 1
P3001	RISER -DEMOLITION -WATER
P3002	RISER -DEMOLITION -GAS
P3003	ENLARGED BOTTOM PLAN -CHLORINE STORAGE/CROSS GALLERY DEMOLITION
P3004	ENLARGED TOP PLAN -SECOND FLOOR DEMOLITION
P3005	ENLARGED TOP PLAN -THIRD FLOOR DEMOLITION
P3006	NOT USED 2
P3007	RISER -DWV AND STORMWATER 1
P3008	RISER -WATER
P3009	RISER -GAS
P3010	ENLARGED BOTTOM PLAN -CROSS GALLERY -WASTE AND VENT
P3011	ENLARGED BOTTOM PLAN -CROSS GALLERY -SUPPLY
P3012	ENLARGED TOP PLAN -SECOND FLOOR -WASTE AND VENT
P3013	ENLARGED TOP PLAN -SECOND FLOOR -SUPPLY
P3014	ENLARGED TOP PLAN -THIRD FLOOR
P3015	NOT USED 2

AREA 80 - ADMINISTRATION BUILDING

P8000	DEMOLITION RISER -DWV
P8001	DEMOLITION RISER -WATER
P8002	DEMOLITION RISER -GAS
P8003	BELOW FLOOR PLAN -DEMOLITION
P8004	FIRST FLOOR PLAN -DEMOLITION -WASTE AND VENT
P8005	FIRST FLOOR PLAN -DEMOLITION -SUPPLY
P8006	SECOND FLOOR PLAN -DEMOLITION -WASTE AND VENT
P8007	SECOND FLOOR PLAN -DEMOLITION -SUPPLY
P8008	ROOF PLAN -DEMOLITION
P8009	NOT USED
P8010	RISER -DWV
P8011	RISER -WATER
P8012	RISER -GAS
P8013	BELOW FLOOR PLAN
P8014	FIRST FLOOR PLAN -WASTE AND VENT
P8015	FIRST FLOOR PLAN -SUPPLY
P8016	SECOND FLOOR PLAN -WASTE AND VENT
P8017	SECOND FLOOR PLAN -SUPPLY
P8018	ROOF PLAN

STANDARD DETAILS

PD1	SHEET 1
PD2	SHEET2

ELECTRICAL

GENERAL

E0002	ABBREVIATIONS AND NOTES

AREA 30 - FILTER BUILDING

E3003	ENLARGED INTERMEDIATE PLAN -CROSS GALLERY DEMOLITION
E3013	ENLARGED INTERMEDIATE POWER PLAN -CROSS GALLERY
E3014	ENLARGED TOP PLAN -SECOND FLOOR
E3015	ENLARGED TOP PLAN -SECOND FLOOR -DAY LAB
E3016	ENLARGED TOP PLAN -SECOND FLOOR WEST
E3017	ENLARGED TOP PLAN -SECOND FLOOR EAST
E3018	ENLARGED INTERMEDIATE SYSTEM AND LIGHTING PLAN -CROSS GALLERY
E3018A	ENLARGED THIRD FLOOR POWER PLAN -CROSS GALLERY
E3019	ENLARGED TOP LIGHTING PLAN -SECOND FLOOR
E3022	ENLARGED TOP SYSTEM PLAN -SECOND FLOOR
E3024	DC3B DEMOLITION SINGLE-LINE DIAGRAM AND ELEVATION
E3029	DC3B SINGLE-LINE DIAGRAM AND ELEVATION
E3030	PANEL SCHEDULES AND RISER DIAGRAMS I
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E3036	PANEL SCHEDULES AND RISER DIAGRAMS VII
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E3040	CONTROL BLOCK DIAGRAM III
E3041	CONTROL BLOCK DIAGRAM IV
E3042	ELEMENTARY CONTROL SCHEMATICS
E3043	CONDUIT AND WIRE SCHEDULE I
E3044	CONDUIT AND WIRE SCHEDULE II
E3046	CONDUIT AND WIRE SCHEDULE IV
E3047	CONDUIT AND WIRE SCHEDULE V

AREA 80 - ADMINISTRATION BUILDING

E8000	FIRST FLOOR -DEMOLITION PLAN
E8001	SECOND FLOOR -DEMOLITION PLAN
E8002	ROOF -DEMOLITION PLAN
E8003	FIRST FLOOR -POWER PLAN
E8003A	FIRST FLOOR -POWER PLAN -DAY LAB
E8004	SECOND FLOOR -POWER PLAN
E8005	ROOF -POWER PLAN
E8006	FIRST FLOOR -LIGHTING PLAN
E8007	SECOND FLOOR -LIGHTING PLAN
E8007A	STAIRWELL -LIGHTING PLAN
E8007B	INTERIOR ELEVATIONS -SECOND FLOOR
E8008	PANEL MDP SINGLE LINE DIAGRAM - DEMOLITION AND PROPOSED
E8009	PANEL SCHEDULES AND RISER DIAGRAMS I
E8010	PANEL SCHEDULES AND RISER DIAGRAMS II
E8011	PANEL SCHEDULES AND RISER DIAGRAMS III
E8011A	CONTROL BLOCK DIAGRAMS
E8012	ELEMENTARY CONTROL SCHEMATICS
E8013	CONDUIT AND WIRE SCHEDULES

INSTRUMENTATION

GENERAL

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I1007	CONTROL SYSTEM BLOCK DIAGRAM SHEET 2

AREA 80 - ADMINISTRATION BUILDING

I8000	ANALYZER ROOM P&ID SHEET 1
I8001	INSTRUMENTATION ANALYZER ROOM P&ID SHEET 2

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REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH

PROJECT MANAGER: T. HUDSON
DESIGNED BY: T. HUDSON
DRAWN BY: J. LUTHMAN II
PROJECT ENGINEER: T. HUDSON

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

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HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

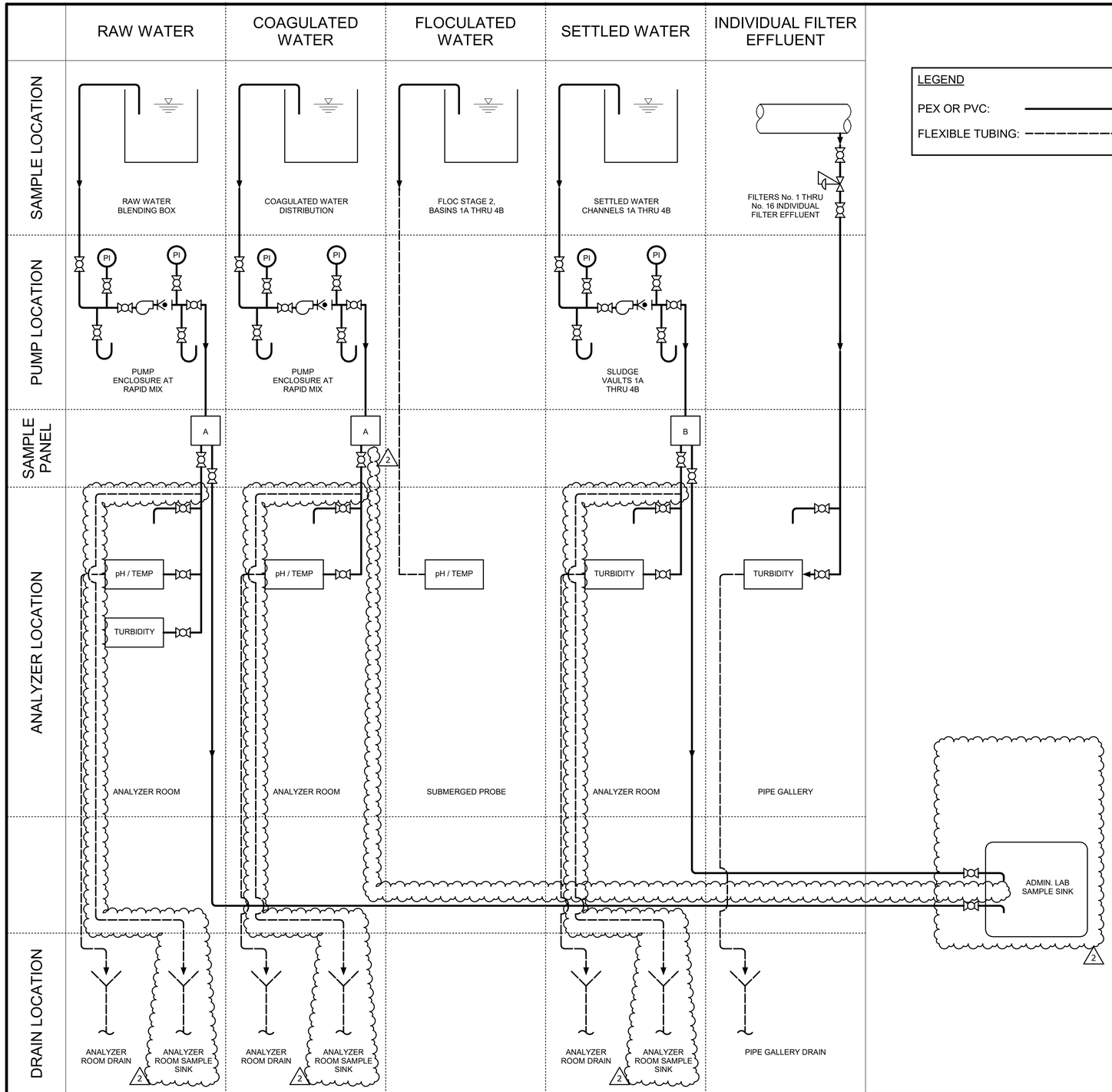
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
ARCHITECTURAL IMPROVEMENTS
INDEX OF DRAWINGS

DATE: JULY 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: G0000

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LEGEND

PEX OR PVC: ———————————

FLEXIBLE TUBING: –

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REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	J. LUTHMAN II
PROJECT ENGINEER:	T. HUDSON

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HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

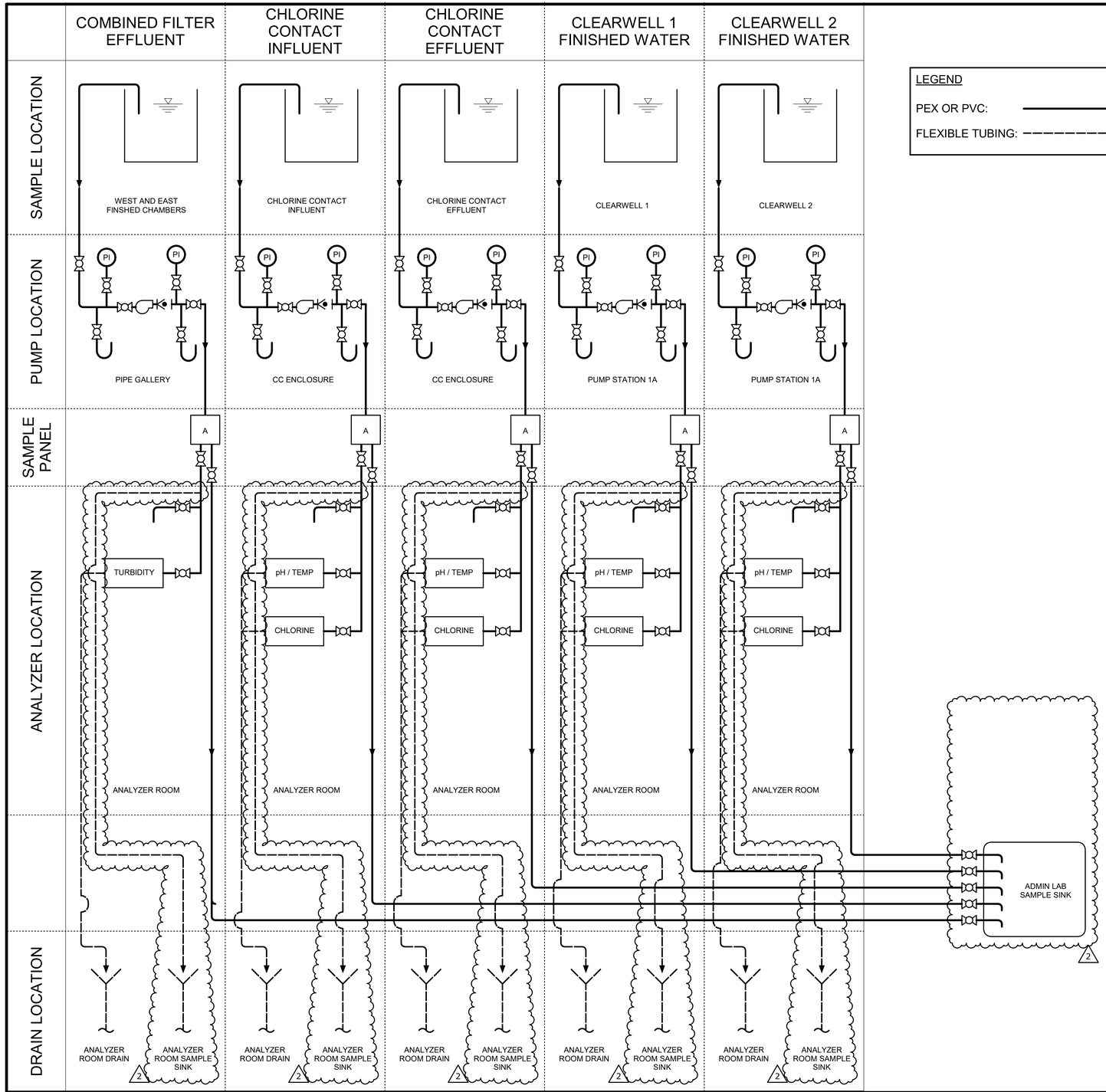
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL SAMPLE AND ANALYZER DIAGRAM - SHEET 1

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	G0008

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LEGEND

PEX OR PVC: ———————————

FLEXIBLE TUBING: –

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	J. LUTHMAN II
PROJECT ENGINEER:	T. HUDSON

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
SAMPLE AND ANALYZER
DIAGRAM - SHEET 2

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	G0009

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NOT USED

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	L. RIVERA
PROJECT ENGINEER:	S. HARDY

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
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DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT

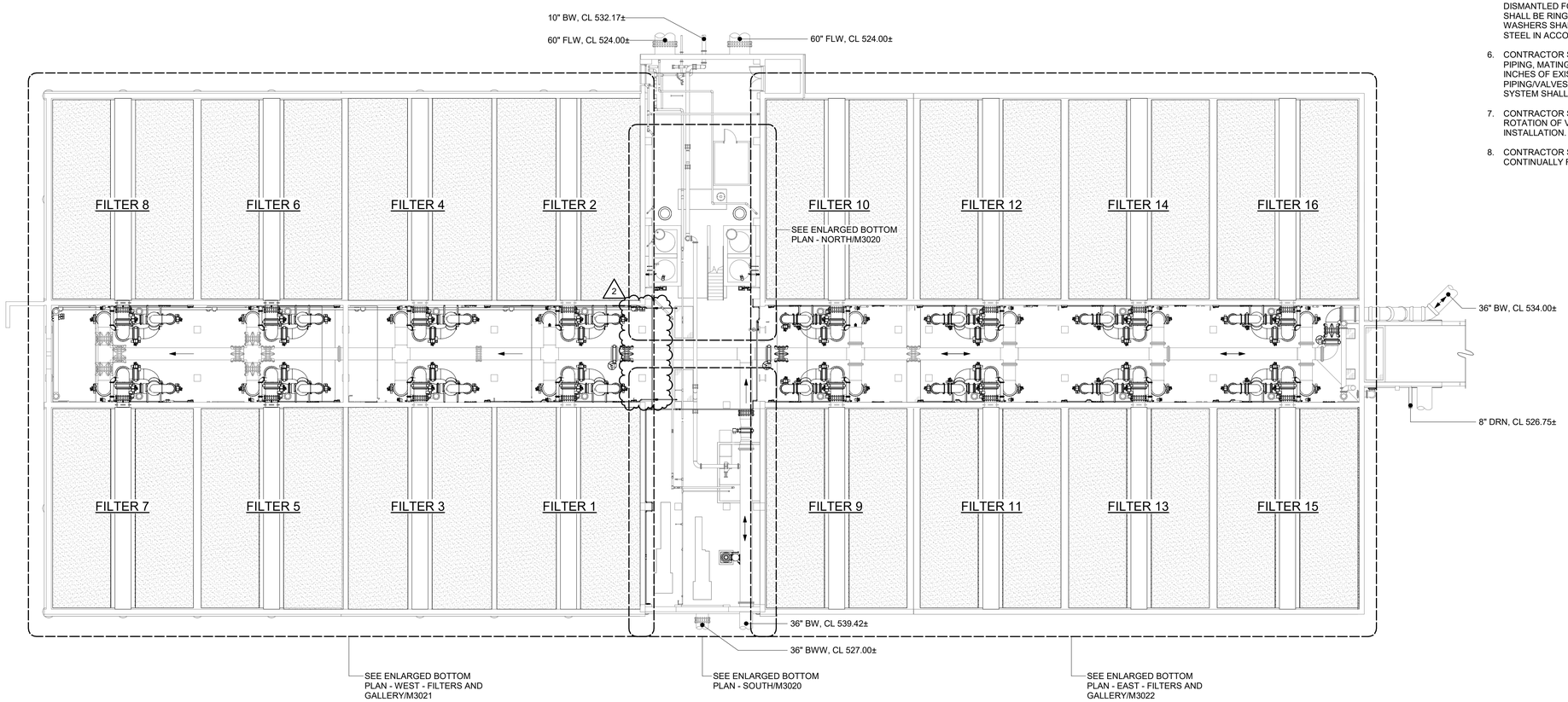
FILTER BUILDING
MECHANICAL
NOT USED

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M3011

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PLANT NORTH

N



OVERALL BOTTOM PLAN

1/16" = 1'-0"

NOTES:

1. NEW FILTER PIPING IS A FABRICATED STEEL PIPING SYSTEM. CONTRACTOR IS RESPONSIBLE FOR FABRICATION TO FIELD DIMENSIONS. NONSTANDARD FITTINGS MAY BE REQUIRED. DETAILED FABRICATION DRAWINGS SHOWING LAYOUT, JOINT LOCATIONS, VALVES, AND COUPLINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
2. FIELD WELDING SHALL BE MINIMIZED AND MUST BE APPROVED BY THE ENGINEER ON A CASE-BY-CASE BASIS. SEE SPECIFICATION SECTION 40 05 64 FOR ADDITIONAL REQUIREMENTS.
3. PIPING MODIFICATIONS SHALL BE PERFORMED IN A MANNER TO PREVENT DEBRIS FROM ENTERING THE FILTERED WATER FLUME. ALL DEBRIS IN THE FLUME SHALL BE REMOVED AFTER INSTALLATION.
4. NOT ALL PIPE SUPPORTS ARE SHOWN. PROVIDE PIPE SUPPORTS AND SPACING PER SPECIFICATION SECTION 40 05 07.
5. CONTRACTOR SHALL PROVIDE NEW GASKETS, BOLTS, NUTS, CONTROL RODS AND WASHERS FOR ALL PIPE JOINTS DISMANTLED FOR INSTALLATION OF NEW VALVES. GASKETS SHALL BE RING-TYPE, 1/8" RED RUBBER. BOLTS, NUTS, AND WASHERS SHALL BE MINIMUM ASTM A307; GRADE B CARBON STEEL IN ACCORDANCE WITH ANSI A21.10/AWWA C110.
6. CONTRACTOR SHALL FIELD PAINT NEW BUTTERFLY VALVES, PIPING, MATING FLANGES, BOLTS, NUTS AND MINIMUM OF 12-INCHES OF EXISTING PIPING ON EACH SIDE OF NEW PIPING/VALVES. COLOR TO MATCH EXISTING PIPING. COATING SYSTEM SHALL CONFORM TO SPECIFICATION SECTION 09 90 00.
7. CONTRACTOR SHALL COORDINATE ACTUAL POSITION AND ROTATION OF VALVE AND ACTUATOR WITH OWNER PRIOR TO INSTALLATION.
8. CONTRACTOR SHALL PROVIDE DEWATERING EQUIPMENT TO CONTINUALLY REMOVE ANY WATER LEAKING INTO FILTERS.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. DUBAN
DRAWN BY:	L. RIVERA
PROJECT ENGINEER:	S. HARDY

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen

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8150 N. CENTRAL EXPRESSWAY
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CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

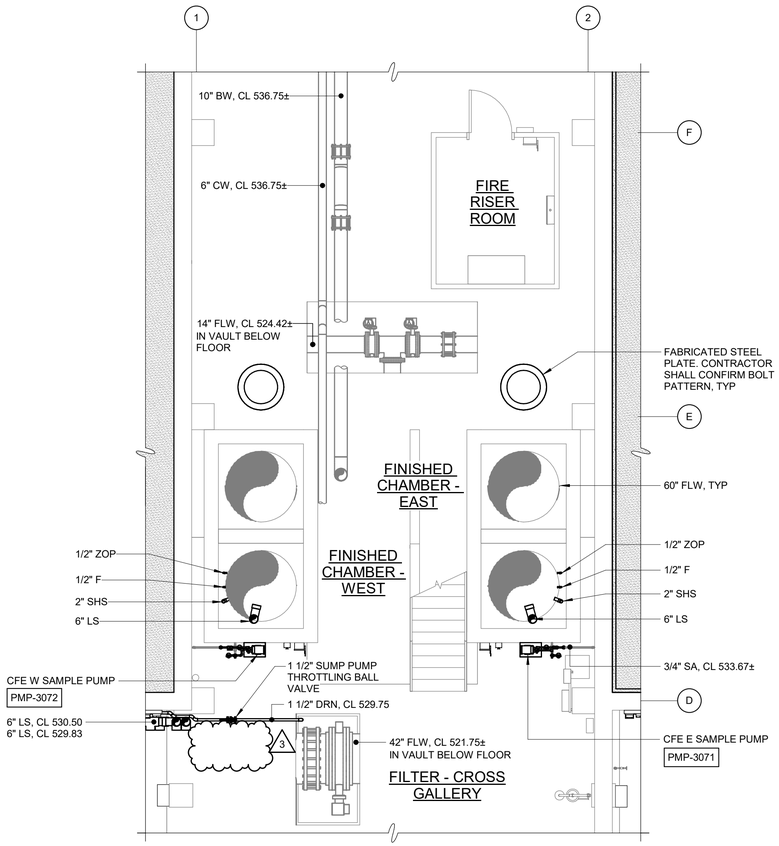
FILTER BUILDING
MECHANICAL
OVERALL BOTTOM PLAN

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M3017

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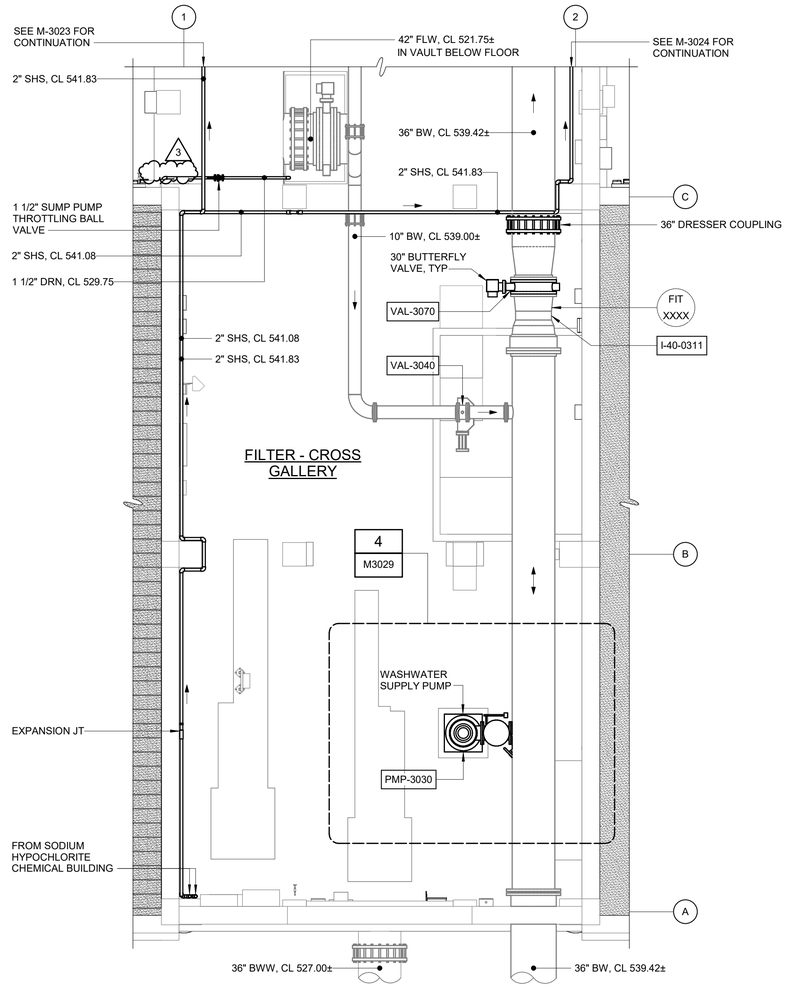
PLANT NORTH

N



ENLARGED BOTTOM PLAN - CROSS GALLERY - NORTH

3/16" = 1'-0"



ENLARGED BOTTOM PLAN - CROSS GALLERY - SOUTH

3/16" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
2	CONFORMED DRAWINGS	03-13-25	TEH
1	ADDENDUM 4	01-23-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. DUBAN
DRAWN BY:	L. RIVERA
PROJECT ENGINEER:	S. HARDY

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

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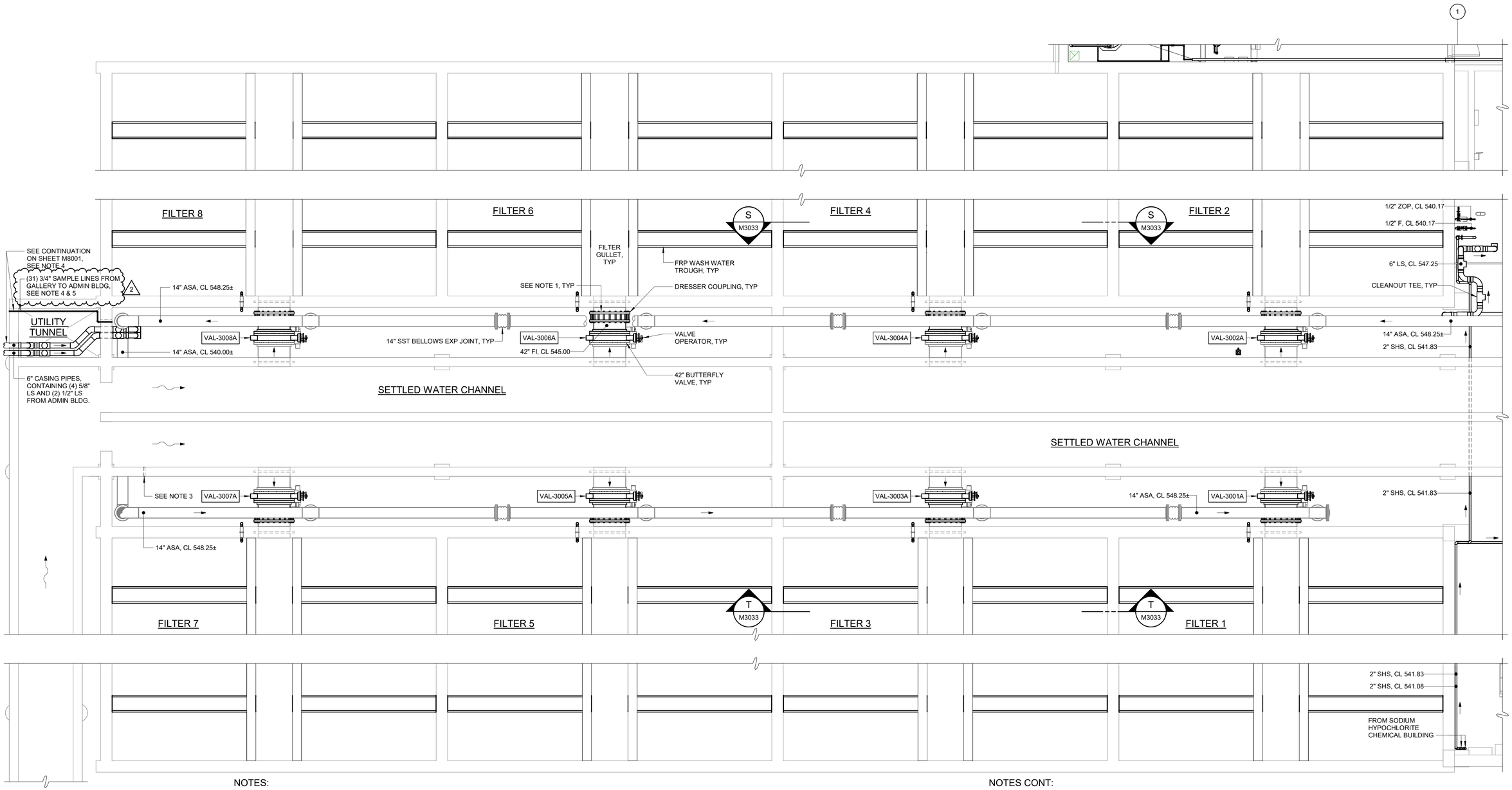
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
MECHANICAL
ENLARGED BOTTOM PLAN AND SAMPLE PUMP DETAIL - CROSS GALLERY

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M3020

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NOTES:

1. WALL PIPE CONDITION: REMOVE AND REPLACE COUPLING AND PIPING AS NEEDED. CONFIRM PIPE LAY LENGTH AND CONDITION WITH ENGINEER FOR COUPLING INSTALLATION. IF SUFFICIENT LAY LENGTH OR PIPE CONDITION DOES NOT MEET MINIMUM REQUIREMENTS, CONTRACTOR SHALL PROVIDE ALTERNATE SOLUTION, WHICH MAY INCLUDE BUTT WELDS, WELD NECK FLANGES, OR OTHER MEANS OF ATTACHMENT TO NEW COUPLING.
2. REFER TO SPECIFICATION SECTION 01 14 00 COORDINATION WITH OWNER'S OPERATIONS FOR REQUIRED DEMOLITION SEQUENCING.
3. CONTRACTOR SHALL PROVIDE TAP FOR INFLUENT LEVEL SENSOR IMPULSE PIPING ON BOTTOM OF SETTLED WATER CHANNEL SIDEWALL. FIELD ROUTE IMPULSE PIPING TO PDIT. SEE ELECTRICAL DRAWINGS FOR PDIT LOCATION AND INSTRUMENTATION DRAWINGS FOR CONNECTION OF IMPULSE PIPING TO PDIT.

ENLARGED - INTERMEDIATE PLAN - WEST - GALLERY

3/16" = 1'-0"

NOTES CONT:

3. CONTRACTOR SHALL PROVIDE TAP FOR INFLUENT LEVEL SENSOR IMPULSE PIPING ON BOTTOM OF SETTLED WATER CHANNEL SIDEWALL. FIELD ROUTE IMPULSE PIPING TO PDIT. SEE ELECTRICAL DRAWINGS FOR PDIT LOCATION AND INSTRUMENTATION DRAWINGS FOR CONNECTION OF IMPULSE PIPING TO PDIT.
4. SAMPLE PIPING IN UTILITY TUNNEL AND CRAWL SPACE TO BE SUPPORTED BY CABLE TRAYS. CONTRACTOR TO ORIENT SAMPLE LINES AND CABLE TRAY TO ENSURE ACCESSIBILTY OF CHEMICAL PIPING. REFER TO M8001 FOR SAMPLE PIPE ROUTING IN CRAWL SPACE.
2 5. IF ADDITIONAL OPENINGS ARE REQUIRED TO ROUTE SAMPLE LINES BASED ON FIELD CONDITIONS, THE CMAR IS REQUIRED TO COORDINATE WITH THE ENGINEER AND PROPOSE OPENING SIZE AND CORING METHOD BEFORE FURTHER WORK.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. DUBAN
DRAWN BY:	L. RIVERA
PROJECT ENGINEER:	S. HARDY

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING MECHANICAL
ENLARGED INTERMEDIATE PLAN - GALLERY

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M3023

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-MECH.rvt
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NOT USED

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. DUBAN
DRAWN BY:	L. RIVERA
PROJECT ENGINEER:	S. HARDY

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

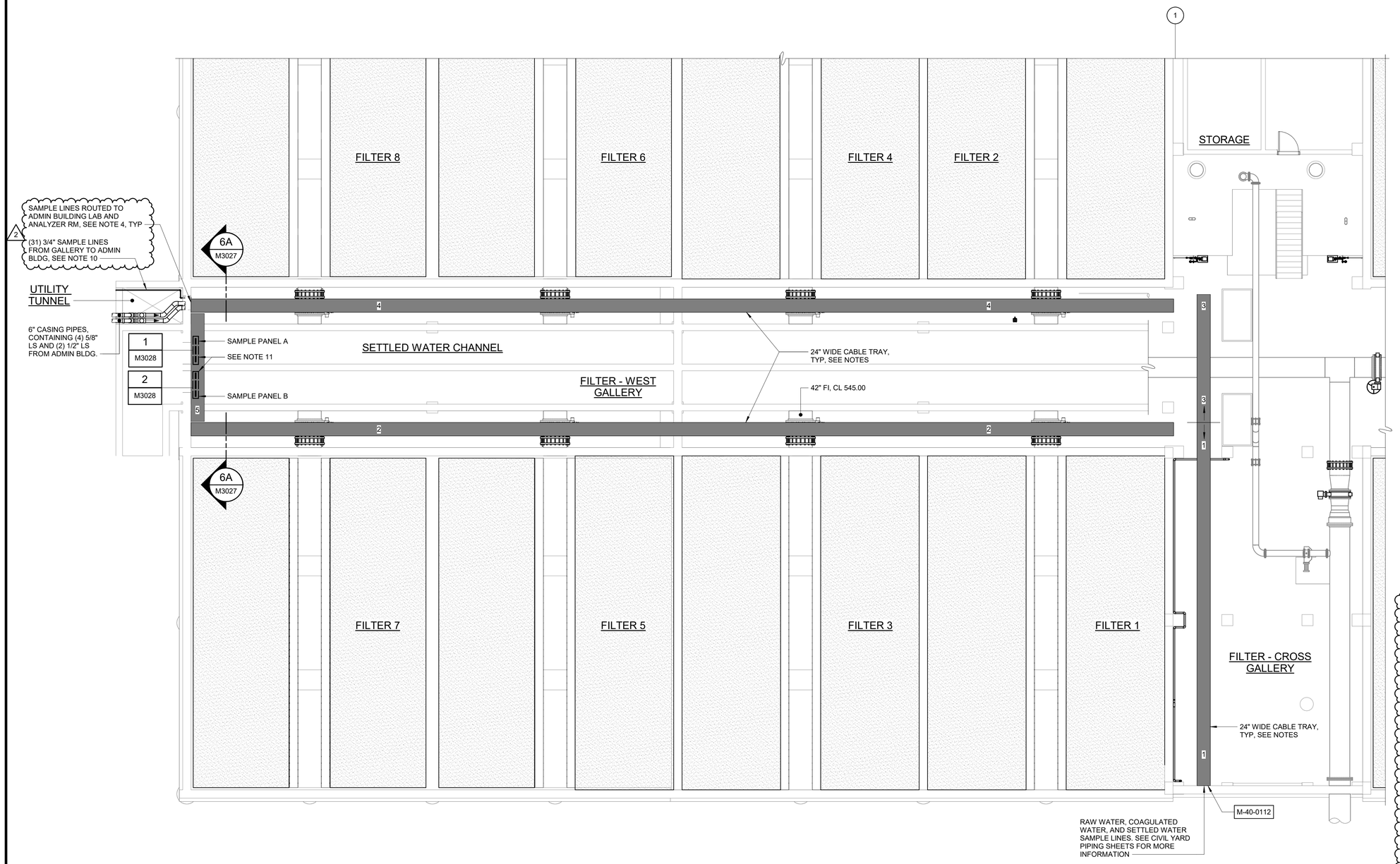
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT

FILTER BUILDING
MECHANICAL
NOT USED

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M3026

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-MECH.rvt
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SAMPLE PIPING CABLE TRAY ROUTING PLAN - EL 529.50

1/8" = 1'-0"

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING FINAL ROUTING OF SAMPLE PIPING CABLE TRAY.
2. CEILING PENETRATION LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO SAMPLE PIPE ROUTING WORK COMMENCING.
3. ROUTE PEX PIPING TO FILTER CROSS-GALLERY NORTH WALL AND CONNECT TO EXISTING SAMPLE LINES FROM CHLORINE CONTACT BASIN AND CLEARWELLS 1 AND 2.
4. SAMPLE LINES BRANCHING TO ADMIN BUILDING LAB SHALL ENTER ADMIN BUILDING CRAWLSPACE THROUGH EXISTING ROUTE IN PIPE GALLERY WEST WING.
5. CONTRACTOR TO MAINTAIN 1' CLEARANCE FROM AIR SCOUR PIPE AND 6" FROM FILTER INFLUENT PIPE FLANGES.
6. FIELD COORDINATE DEMO OF EXISTING SAMPLE LINES AND RELOCATION OF EXISTING LIGHTS TO ENSURE ACCESSIBILITY OF NEW SAMPLE LINES FOR MAINTENANCE.
7. PEX SAMPLE LINES TO BE SECURED TO LADDER BY ZIP TIES OR OTHER NON-CONSTRICTING MEANS IN 5' INTERVALS.
8. IDENTIFY INDIVIDUAL SAMPLE LINES IN ACCORDANCE WITH 40 05 97 - PIPING AND EQUIPMENT IDENTIFICATION SYSTEMS.
9. SAMPLE PIPE CABLE TRAYS SHALL BE ENDURO LADDER-TYPE CABLE TRAY MODEL EHL4 - 12 - 06 - 10 OR APPROVED EQUAL.
10. SAMPLE PIPING IN UTILITY TUNNEL AND CRAWL SPACE TO BE SUPPORTED BY CABLE TRAYS. CONTRACTOR TO ORIENT SAMPLE LINES AND CABLE TRAY TO ENSURE ACCESSIBILTY OF CHEMICAL PIPING. REFER TO M8001 FOR SAMPLE PIPE ROUTING IN CRAWL SPACE.
11. CMAR TO ENSURE ADEQUATE CLEARANCE BETWEEN SAMPLE PANEL AND EXISTING OR PROPOSED PIPING AND VALVES AS REQUIRED FOR INSPECTION AND MAINTENANCE.

CABLE TRAY LEGEND:

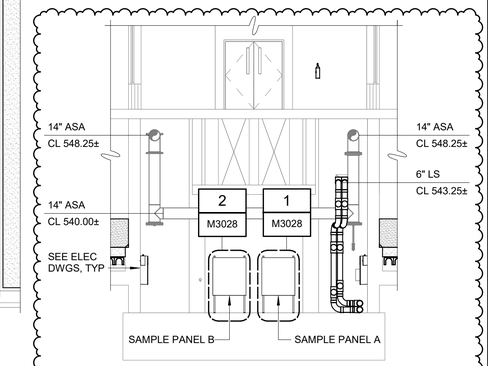
1.
- SED 1a - 4b (8)
- RAW WATER (1)
- COAGULATED WATER (1)

2.
- SED 1a - 4b (8)

3.
- RAW WATER (1)
- COAGULATED WATER (1)

4.
- RAW WATER (1)
- COAGULATED WATER (1)
- CHLORINE CONTACT BASIN (2)
- CLEARWELLS 1, 2 (2)
- COMBINED FILTER EFFLUENT (2)

5.
- SED 1a - 4b (16)



SAMPLE PANEL SECTION DETAIL

SECTION 6A M3005

1/8" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	L. RIVERA
PROJECT ENGINEER:	S. HARDY

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

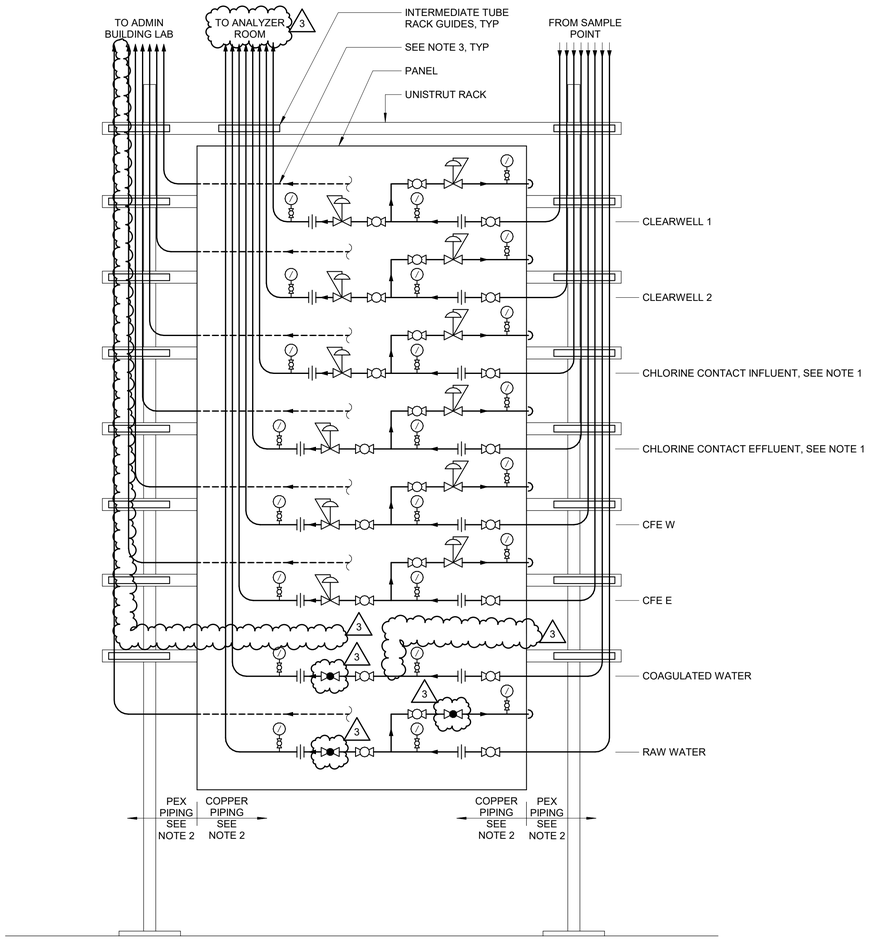
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
MECHANICAL
SAMPLE PIPING CABLE TRAY ROUTING PLAN

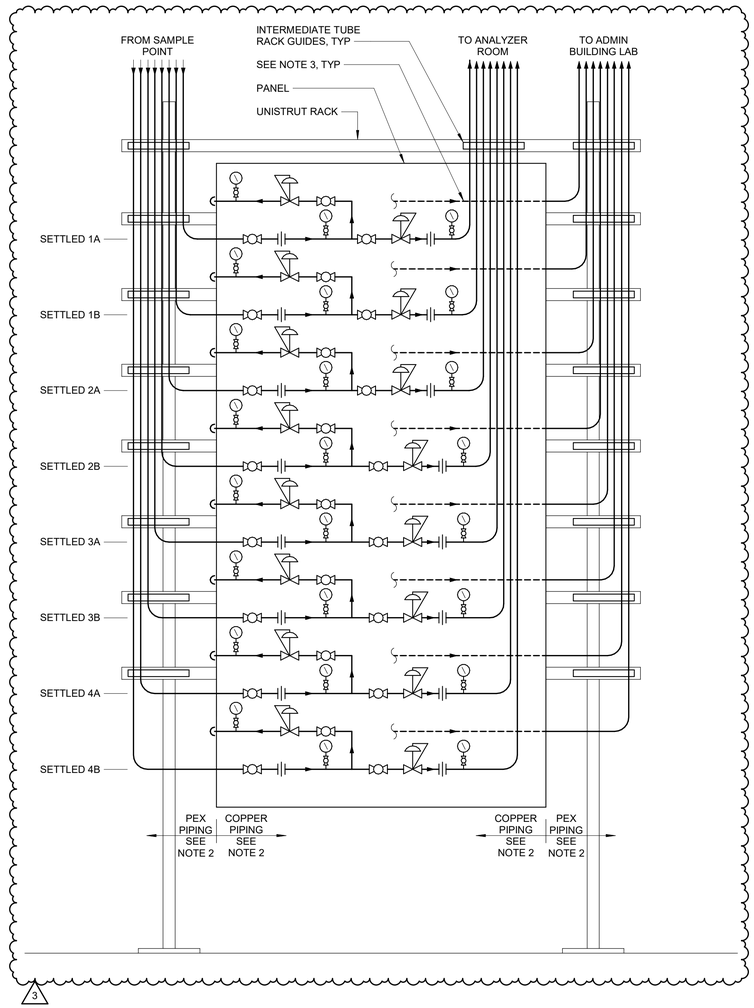
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M3027

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-MECH.rvt
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SAMPLE PANEL A

DETAIL	1
NTS	M3027



SAMPLE PANEL B

DETAIL	2
NTS	M3027

NOTES:

1. CONTRACTOR TO FIELD COORDINATE TRANSITION FROM EXISTING CHLORINE CONTACT BASIN SAMPLE LINES IN PIPE GALLERY TO SAMPLE PIPING PANEL.
2. PIPING MOUNTED ON BOTH THE FRONT AND BACK OF PANEL SHALL BE 1/2" COPPER. PIPING ROUTED TO / FROM PANEL SHALL BE 3/4" PEX.
3. HIDDEN LINE REPRESENTS PIPE TO ADMIN BUILDING LAB WRAPPING AROUND BACK OF PANEL.
4. SAMPLE PANEL PRV'S TO BE WATTS SERIES LF263A, 3 PSI - 50 PSI. REFER TO SECTION 40 05 68.23 FOR INDIVIDUAL SAMPLE LINE PRV SET POINTS. CMAR TO ADJUST SAMPLE PANEL PRV SET POINT AS NEEDED TO DELIVER 2 GPM PER SAMPLE SINK
5. CMAR TO COORDINATE WITH OWNER AND LABEL SAMPLE LINES WITH PERMANENT ENGRAVED LABELS INSTALLED ON SAMPLE PIPE PANELS, VISIBLE TO OPERATOR.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
2	FO-001	06-17-25	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	L. RIVERA
PROJECT ENGINEER:	S. HARDY

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

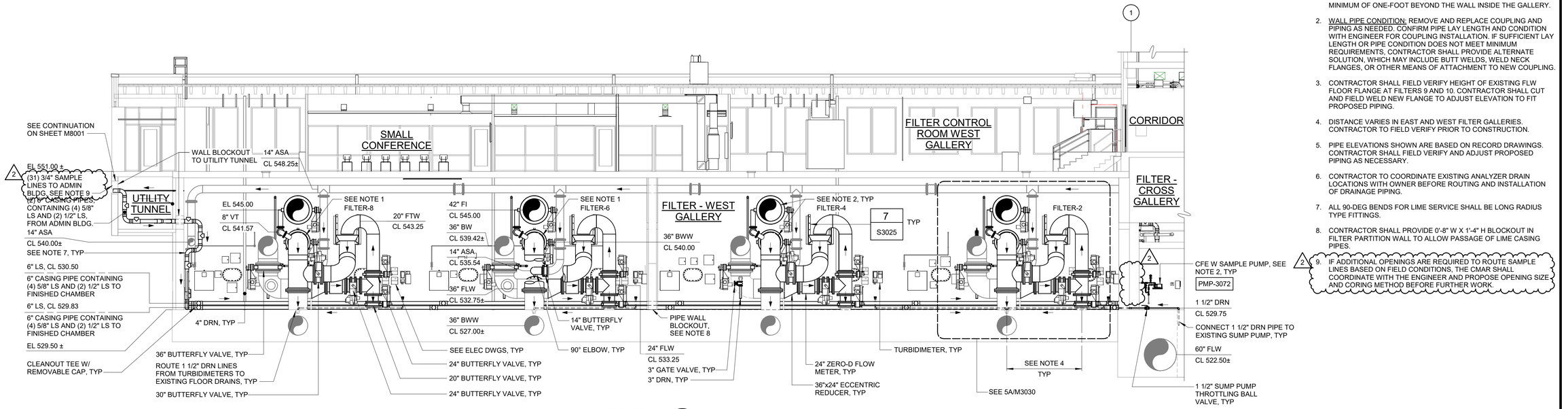
FILTER BUILDING
MECHANICAL
SAMPLE PIPING PANEL DETAILS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M3028

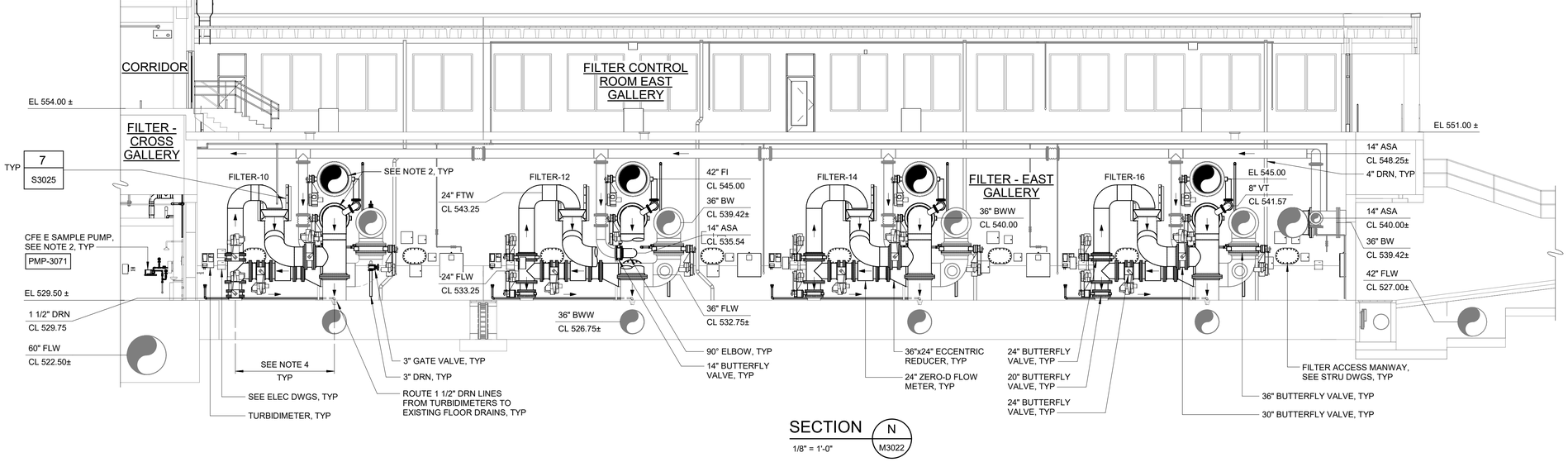
Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-MECH.rvt
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NOTES:

1. LINK SEAL CONDITION (FILTERS 5 - 8): REPLACE ALL PIPE SECTIONS THAT PENETRATE WALLS THROUGH LINK SEALS AND REPLACE LINK SEAL. REPLACE PIPE FROM INSIDE THE WALL TO A MINIMUM OF ONE-FOOT BEYOND THE WALL INSIDE THE GALLERY.
2. WALL PIPE CONDITION: REMOVE AND REPLACE COUPLING AND PIPING AS NEEDED. CONFIRM PIPE LAY LENGTH AND CONDITION WITH ENGINEER FOR COUPLING INSTALLATION. IF SUFFICIENT LAY LENGTH OR PIPE CONDITION DOES NOT MEET MINIMUM REQUIREMENTS, CONTRACTOR SHALL PROVIDE ALTERNATE SOLUTION, WHICH MAY INCLUDE BUTT WELDS, WELD NECK FLANGES, OR OTHER MEANS OF ATTACHMENT TO NEW COUPLING.
3. CONTRACTOR SHALL FIELD VERIFY HEIGHT OF EXISTING FLW FLOOR FLANGE AT FILTERS 9 AND 10. CONTRACTOR SHALL CUT AND FIELD WELD NEW FLANGE TO ADJUST ELEVATION TO FIT PROPOSED PIPING.
4. DISTANCE VARIES IN EAST AND WEST FILTER GALLERIES. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
5. PIPE ELEVATIONS SHOWN ARE BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY AND ADJUST PROPOSED PIPING AS NECESSARY.
6. CONTRACTOR TO COORDINATE EXISTING ANALYZER DRAIN LOCATIONS WITH OWNER BEFORE ROUTING AND INSTALLATION OF DRAINAGE PIPING.
7. ALL 90-DEG BENDS FOR LIME SERVICE SHALL BE LONG RADIUS TYPE FITTINGS.
8. CONTRACTOR SHALL PROVIDE 0'-8" W X 1'-4" H BLOCKOUT IN FILTER PARTITION WALL TO ALLOW PASSAGE OF LIME CASING PIPES.
9. IF ADDITIONAL OPENINGS ARE REQUIRED TO ROUTE SAMPLE LINES BASED ON FIELD CONDITIONS, THE CMAR SHALL COORDINATE WITH THE ENGINEER AND PROPOSE OPENING SIZE AND CORING METHOD BEFORE FURTHER WORK.



SECTION M / M3021
1/8" = 1'-0"



SECTION N / M3022
1/8" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. DUBAN
DRAWN BY:	L. RIVERA
PROJECT ENGINEER:	S. HARDY

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 — 1/2" — 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

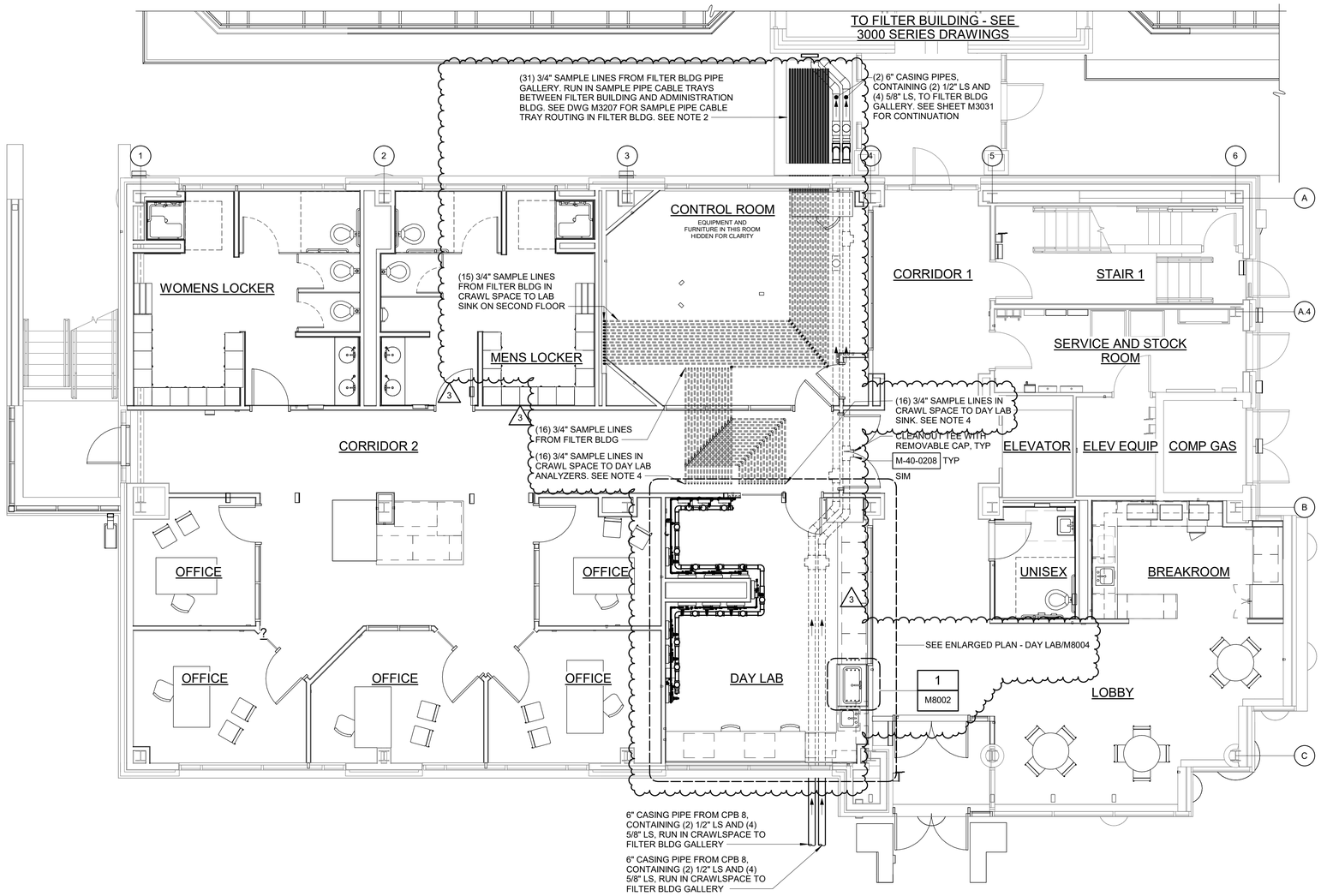
FILTER BUILDING MECHANICAL SECTIONS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M3031

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-MECH.rvt
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NOTES:

1. ALL SAMPLE PIPING RUN FROM GALLERY TO LAB SAMPLE SINK SHALL BE PEX PIPING.
2. DEPICTION OF SAMPLE LINE ORIENTATION IN UTILITY TUNNEL SHOWN FOR CLARITY. CMAR TO ROUTE AND SUPPORT SAMPLE LINES IN CABLE TRAYS THROUGH TUNNEL AND CRAWL SPACE WHILE MAINTAINING THE ACCESSIBILITY OF CHEMICAL PIPING.
3. REFER TO SECTION 22 11 13 FOR PEX-A AND PEX-A FITTING REQUIREMENTS. .
4. THE CMAR IS REQUIRED TO TRANSITION EACH SAMPLE LINE ROUTED TO THE DAY LAB TO TWO BRANCHES. (1) DISCHARGING INTO THE SAMPLE SINK AND (2) THE DESIGNATED ANALYZER. REFER TO G0008 AND G0009 FOR OVERALL SAMPLE ROUTING PLAN.



FIRST FLOOR AND CRAWL SPACE PLAN

3/16" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	TEH
2	CONFORMED DRAWINGS	03-13-25	TEH
1	ADDENDUM 5	01-30-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH / H. DUBAN
DRAWN BY:	J. LUTHMAN II
PROJECT ENGINEER:	T. HUDSON

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
MECHANICAL
FIRST FLOOR AND CRAWL SPACE PLAN

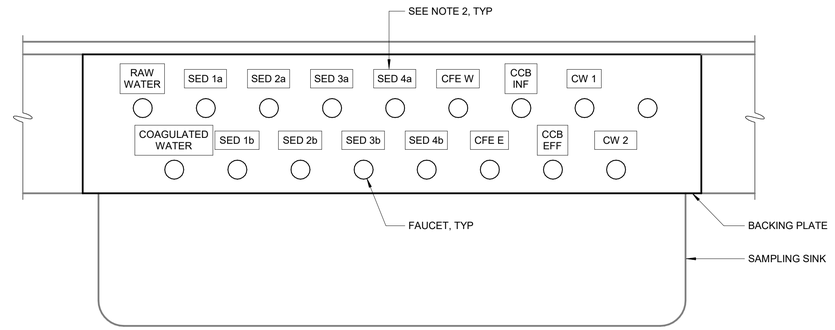
DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M8001

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NOTES:

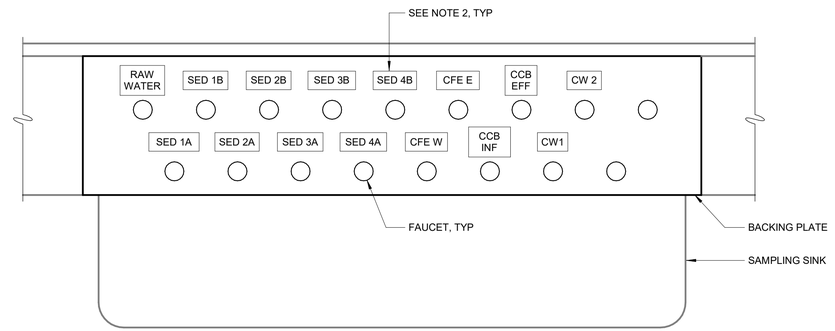
1. REFER TO SPECIFICATION 22 11 19 - DOMESTIC WATER PIPING SPECIALTIES FOR SAMPLE SINK HOSE BIBB REQUIREMENTS.
2. REPLACE LABELING IN-KIND WITH PERMANENT ENGRAVED LABELS. COORDINATE FINAL LABELING WITH OWNER.
2 3. CMAR TO INSTALL SAMPLE SINK HOSE BIBBS WITH 3/4" YARD REINFORCED NYLON HOSE WITH RUBBER COVER RATED FOR 260 PSI AT 72F, AND COORDINATE COLOR AND HOSE LENGTH WITH OWNER.

2



DAY LAB SAMPLE SINK

DETAIL	1
NTS	M8001



LAB SAMPLE SINK

DETAIL	2
NTS	M8003

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	J. LUTHMAN II
PROJECT ENGINEER:	T. HUDSON

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

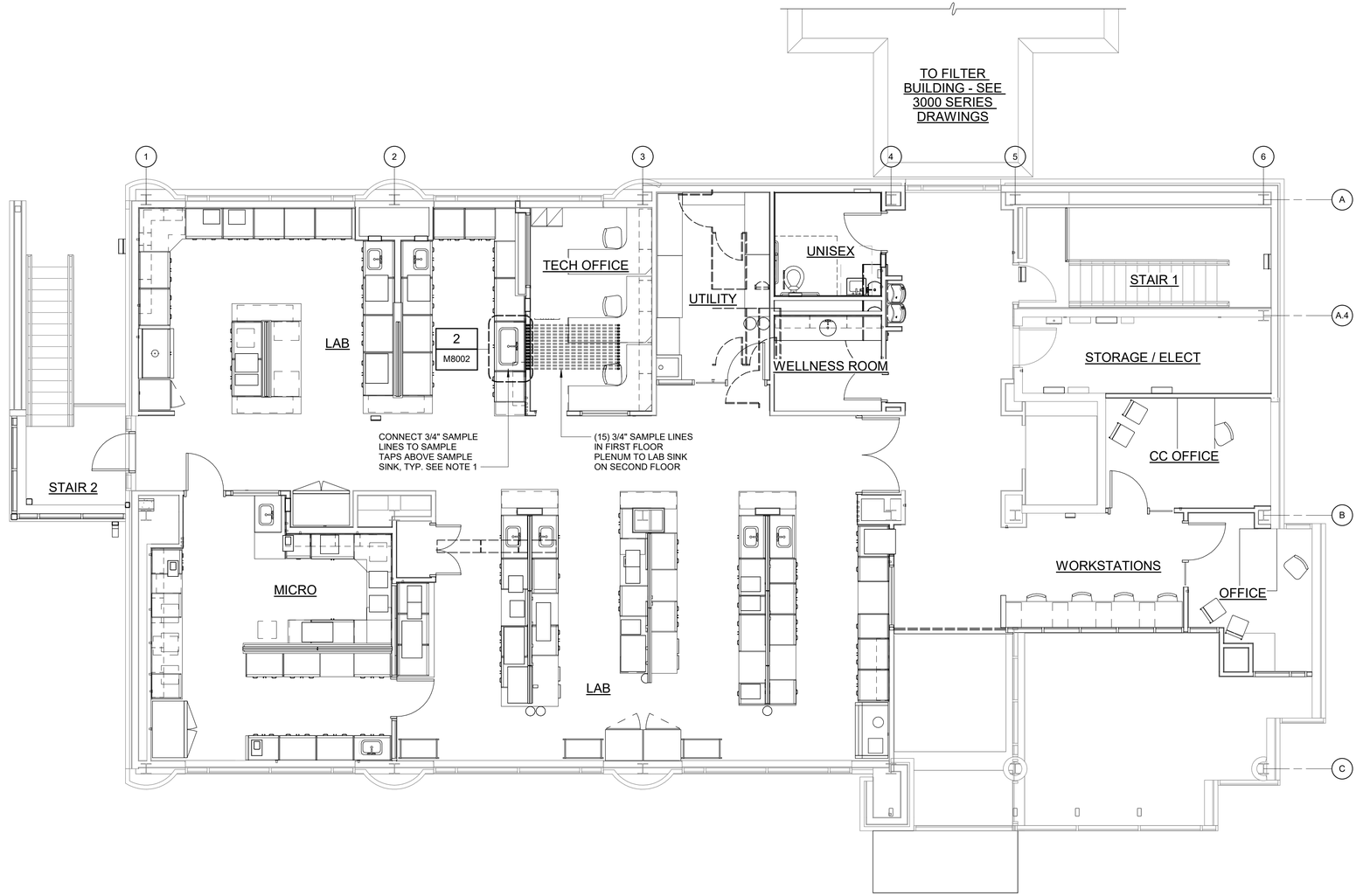
ADMINISTRATION BUILDING
MECHANICAL
DAY LAB AND LAB SINK DETAIL

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M8002

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-MECH.rvt
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NOTES:

1. REFER TO SECTION 22 40 00 AND P8016 FOR SINK REQUIREMENTS. MANUFACTURER OR CMAR TO FURNISH WELDED BACKING PLATE, AND SUBMIT BACKING PLATE DETAIL FOR ENGINEER REVIEW. REFER TO M8002 TO FOR SAMPLE SINK LABELING DETAILS.



SECOND FLOOR PLAN

3/16" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	J. LUTHMAN II
PROJECT ENGINEER:	T. HUDSON

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

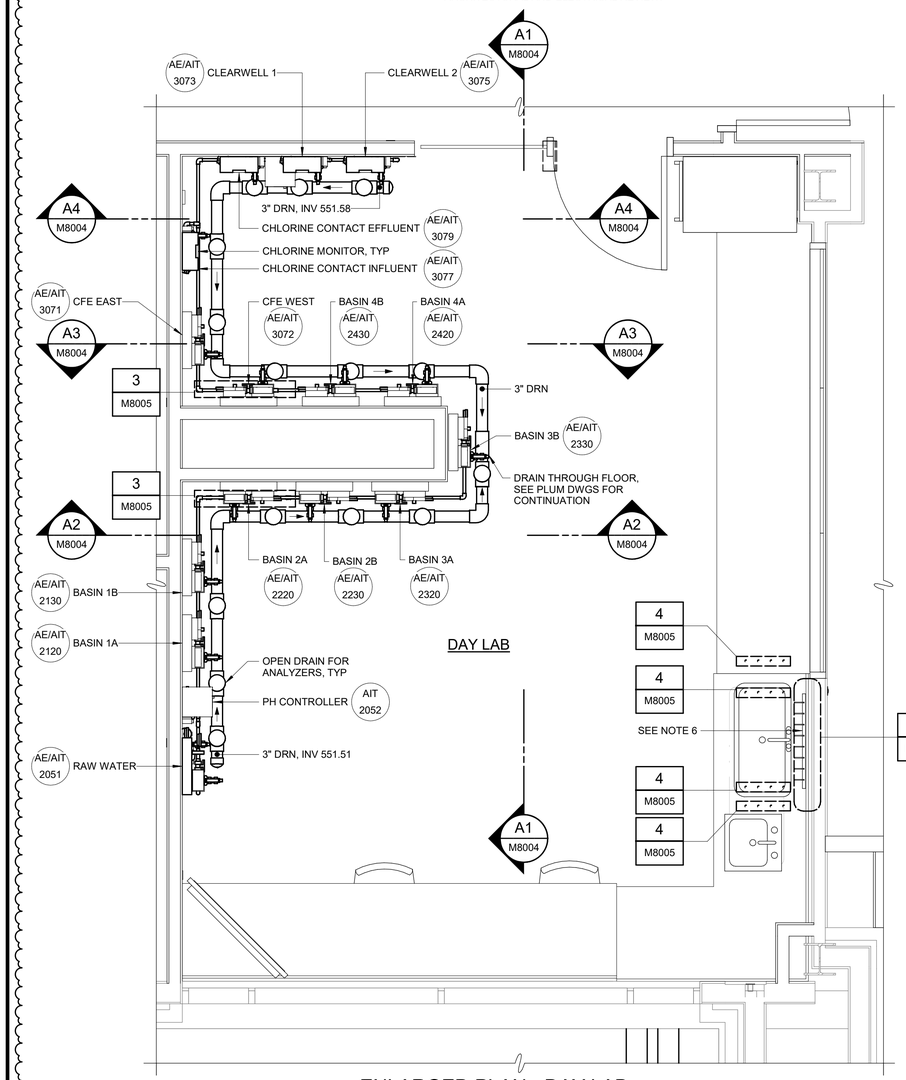
ADMINISTRATION BUILDING
MECHANICAL
SECOND FLOOR PLAN

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M8003

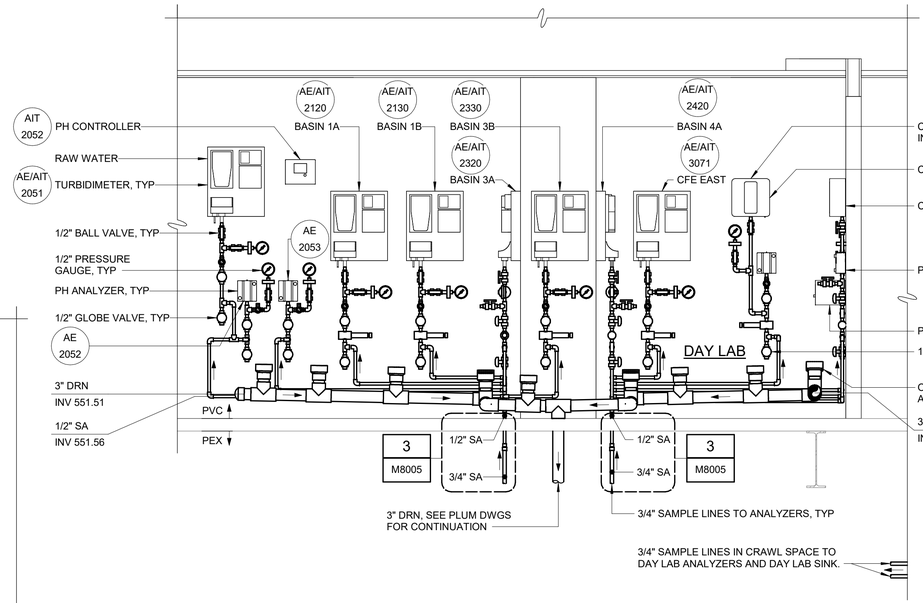
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NOTES:

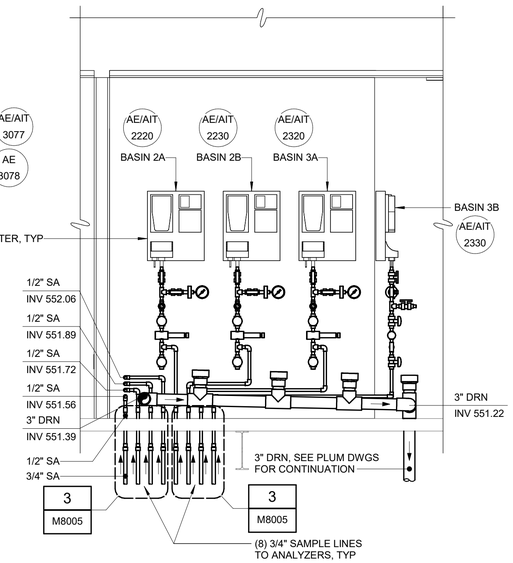
1. 3" DRAIN PIPE TO BE SLOPED AT A MINIMUM OF 1/4" PER FOOT.
2. ANALYZER ROOM PRVS TO BE WATTS SERIES LF263A, 1 PSI - 25 PSI. REFER TO SECTION 40 05 68.23 FOR INDIVIDUAL SAMPLE LINE PRV SET POINTS.
3. CMAR TO COMPLETE FINAL CONNECTIONS BETWEEN SAMPLE LINES, ANALYZERS AND ANALYZER DRAINS WITH 1-INCH DIAMETER TYGON TUBING.
4. FLOW CONTROL VALVES BEFORE CFE, CHLORINE CONTACT AND CLEARWELL ANALYZERS TO BE NEEDLE VALVES. ALL OTHER ANALYZER-ROOM FLOW CONTROL VALVES TO BE GLOBE VALVES.
5. CMAR TO COORDINATE WITH OWNER INSTALLING PERMANENT ENGRAVED LABELS, IDENTIFYING ANALYZER SAMPLE LOCATIONS AND INSTRUMENT TAG NUMBERS AS INDICATED ON DRAWINGS.
6. MANUFACTURER OR CMAR TO FURNISH WELDED BACKING PLATE, AND SUBMIT BACKING PLATE DETAIL FOR ENGINEER REVIEW. FAUCETS SHALL EXTEND FROM BACKING PLATE TOWARDS SINK, CMAR TO SUBMIT OVERALL SAMPLE SINK ARRANGEMENT FOR ENGINEER REVIEW BEFORE INSTALLATION. REFER TO P8014 AND SECTION 22 40 00 FOR ADDITIONAL SAMPLE SINK REQUIREMENTS.
7. CMAR IS RESPONSIBLE FOR COORDINATION TRANSITIONS FROM PEX SAMPLE LINES IN CRAWL SPACE TO STAINLESS STEEL FLOOR PIPE, AND PVC IN ANALYZER ROOM. FLOOR PIPE SHALL BE 316L AND TERMINATE A MINIMUM 2-INCH DISTANCE ABOVE THE FINISHED FLOOR.
8. ALL ANALYZER ROOM PVC PIPE SHALL BE COLOR MATCHED. CMAR TO SUBMIT PIPING, VALVE AND CONDUIT LAYOUT PLAN PRIOR TO THE COMENCMENT OF WORK. LAYOUT PLANS SHALL INCLUDE PVC PIPE AND PAINTING FINISH DETAILS FOR ENGINEER, ARCHITECTURAL AND ELECTRICAL REVIEW.



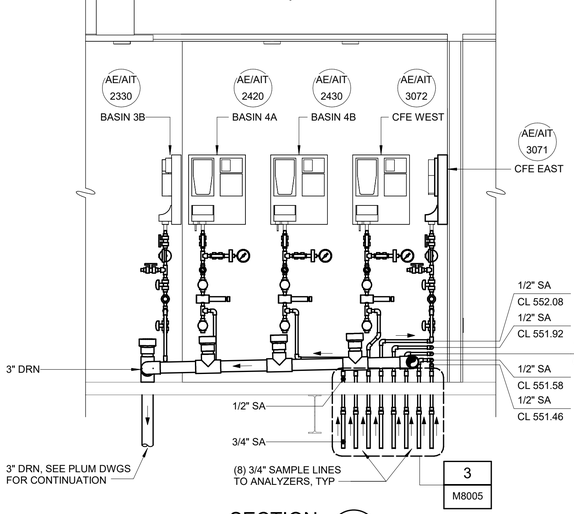
ENLARGED PLAN - DAY LAB
1/2" = 1'-0"



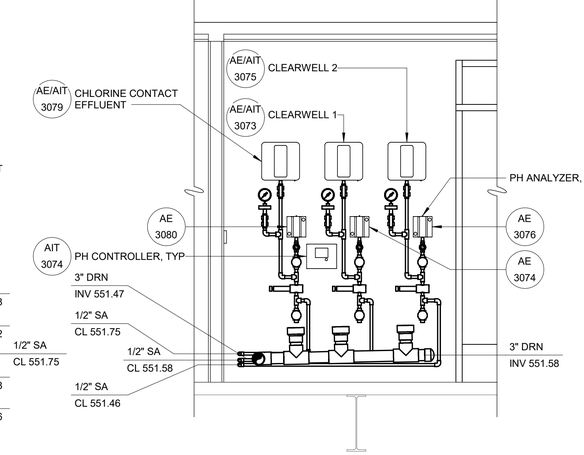
SECTION A1 M8004
1/2" = 1'-0"



SECTION A2 M8004
1/2" = 1'-0"



SECTION A3 M8004
1/2" = 1'-0"



SECTION A4 M8004
1/2" = 1'-0"

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REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	J. LUTHMAN II
PROJECT ENGINEER:	T. HUDSON

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

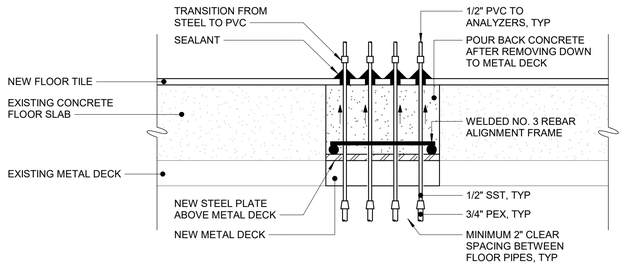
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
MECHANICAL
ENLARGED PLAN AND SECTIONS - DAY LAB

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M8004

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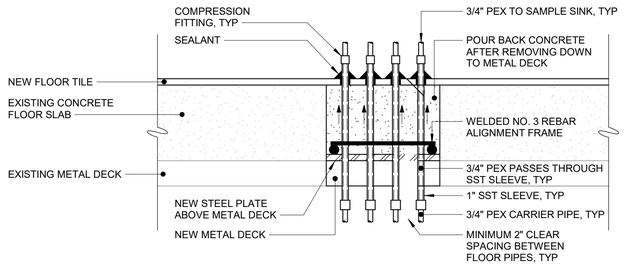


NOTES:

1. REFER TO SECTIONS 05 50 00 AND 40 05 24.23 FOR STEEL PIPE AND WELDING REQUIREMENTS
2. CMAR TO SUBMIT FLOOR PIPE AND FLOOR PIPE TRANSITIONS BEFORE WORK.
3. CONTRACTOR TO DEMOLISH EXISTING CONCRETE TO THE DEPTH OF EXISTING STELL DECKING, AND PRESERVE STEEL DECKING AND REINFORCEMENT. OPENING TO BE FILLED IN AND SEALED WITH HIGH STRENGTH GROUT.
4. CONTRACTOR TO WELD TUBES TO REBAR FRAME. FLOOR PIPES ARE TO BE ALIGNED PERPENDICULAR TO THE FLOOR.

ANALYZER PENETRATION DETAIL

DETAIL	3
NTS	M8004



NOTES:

1. REFER TO SECTIONS 05 50 00 AND 40 05 24.23 FOR STEEL PIPE AND WELDING REQUIREMENTS
2. CMAR TO SUBMIT FLOOR PIPE AND FLOOR PIPE TRANSITIONS BEFORE WORK.
3. CONTRACTOR TO DEMOLISH EXISTING CONCRETE TO THE DEPTH OF EXISTING STELL DECKING, AND PRESERVE STEEL DECKING AND REINFORCEMENT. OPENING TO BE FILLED IN AND SEALED WITH HIGH STRENGTH GROUT.
4. CONTRACTOR TO WELD TUBES TO REBAR FRAME. FLOOR PIPES ARE TO BE ALIGNED PERPENDICULAR TO THE FLOOR.
5. CONTRACTOR TO CONNECT PEX SAMPLE LINE OT THE DESIGNATED SAMPLE SINK FAUCET

SAMPLE SINK PENETRATION DETAIL

DETAIL	4
NTS	M8004

1

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REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	TEH

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	E. VOSBURGH
DRAWN BY:	J. LUTHMAN II
PROJECT ENGINEER:	

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
MECHANICAL
SAMPLE PIPING PENETRATION DETAILS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	M8005

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-MECH.rvt
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ABBREVIATIONS

AB	ANCHOR BOLT
AC	ALTERNATING CURRENT/ ASBESTOS CEMENT
ACT	ACOUSTIC TILE
AD	AREA DRAIN
ADDL	ADDITIONAL
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AGGR	AGGREGATE
AL	ALUMINUM
ALLOW	ALLOWANCE/ALLOWABLE
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASB	ASBESTOS
ASPH	ASPHALT
AT	ASPHALT TILE
B	BORING
BD	BOARD
BFE	BOTTOM OF FITTING ELEV
BITUM	BITUMINOUS
BL	BASE LINE/ BUILDING LINE
BLDG	BUILDING
BLK	BLOCK
BM	BENCH MARK
BOC	BACK OF CURB
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRZ	BRONZE
BSMT	BASEMENT
BT	BOLT
BUR	BUILT-UP ROOFING
BV	BALL VALVE
C	CLOSET/CARPET/CHANNEL
CAB	CABINET
CB	CATCH BASIN
C/C	CENTER TO CENTER
CE	CONSTRUCTION EASEMENT
CEM	CEMENT
CER	CERAMIC
CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON/ CUBIC INCHES
CIP	CAST IRON PIPE
CL	CENTER LINE/CHLORINE
CLG	CEILING
CLKG	CAULKING
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORP	CORPORATION
CORR	CORRIDOR
CP	CONCRETE PLANK
CRS	COURSE
CT	CERAMIC TILE
CTJ	CONTROL JOINT
CU	COPPER
CV	CHECK VALVE
CW	COLD WATER
CY	CUBIC YARD
DC	DIRECT CURRENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA (Ø)	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DISCH	DISCHARGE
DIST	DISTRIBUTION
DJ	DOUBLE JOINT
DL	DEAD LOAD
DN	DOWN
DOZ	DOZEN
DR	DOOR
DWG	DRAWING
DWL	DOWEL
E	EAST/ EASEMENT
EA	EACH
ECC	ECCENTRIC
EF	EACH FACE
EFF	EFFLUENT
EIP	EXIST IRON PIPE
EL	ELEVATION
ELEC	ELECTRIC/ ELECTRICAL
ELL	ELBOW
ENGR	ENGINEER
ENT	ENTRANCE
EOG	EDGE OF GRAVEL
EOP	EDGE OF PAVEMENT
EQ	EQUAL
EQPT	EQUIPMENT
EW	EACH WAY
EX	EXISTING
EXC	EXCAVATE
EXH	EXHAUST
EXP	EXPANSION
EXT	EXTERIOR

FAB	FABRICATE
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FC	FLUSHING CONNECTION
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FF	FINISHED FLOOR
FH	FIRE HYDRANT
FIN	FINISH
FIX	FIXTURE
FL	FLASHING/ FLOOR
FLEX	FLEXIBLE
FLG	FLANGE
FLUOR	FLUORESCENT
FLXC	FLEXIBLE CONNECTION
FM	FORCE MAIN
FPRF	FIREPROOF
FRP	FIBERGLASS REINFORCED POLYESTER LAMINATE
FT	FEET
FTG	FOOTING/ FITTING
FURR	FURRING/ FURRED
G	GAS/ GAS LINE
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GI	GALVANIZED IRON
GL	GLASS
GPM	GALLONS PER MINUTE
GR	GRADE
GV	GATE VALVE
GW	GUY WIRE
GWB	GYPSUM WALL BOARD
GWF	GLAZED WALL FINISH
GYP	GYPSUM
H	HEIGHT
HDW	HARDWARE
HEX	HEXAGONAL
HM	HOLLOW METAL
HORZ	HORIZONTAL
HP	HORSEPOWER
HPT	HIGH POINT
HSS	HOLLOW STRUCTURAL SECTION
HTR	HEATER
HTS	HEIGHTS
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HW	HOT WATER
HWL	HIGH WATER LEVEL
HWY	HIGHWAY
HYD	HYDRAULIC
I	IRON
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH
INCL	INCLUDED
INF	INFLUENT
INS	INSULATION
INT	INTERIOR
INV	INVERT
J	JOIST
JB	JUNCTION BOX
JCT	JUNCTION
JT	JOINT
L	LENGTH/ ANGLE
LA	LINE AHEAD
LAB	LABORATORY
LAM	LAMINATED
LAT	LAVATORY
LB	POUND/ LINE BACK
LF	LINEAR FEET
LG	LONG
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LIGHT POLE
LPT	LOW POINT
LT	LIGHT
LTG	LIGHTING
LVR	LOUVER
LWL	LOW WATER LEVEL
MAINT	MAINTENANCE
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEMB	MEMBRANE
MET	METAL
MFR	MANUFACTURER
MG	MILLION GALLONS
MGD	MILLION GALLONS PER DAY
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MLDG	MOLDING
MO	MASONRY OPENING
MOD	MODIFY/ MODIFIED
MON	MONUMENT
MOT	MOTOR
MTD	MOUNTED
MTG	MOUNTING
MULT	MULTIPLE

N	NORTH
NA	NOT APPLICABLE
NF	NEAR FACE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NPW	NON POTABLE WATER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OFF	OFFICE
OPER	OPERATOR
OPNG	OPENING
OPP	OPPOSITE
ORIG	ORIGINAL
OT	OPEN TRUSS
OVHD	OVERHEAD
PAR	PARALLEL
PC	POINT OF CURVE/ PIECE
PCC	POINT OF COMPOUND CURVE
PCF	POUNDS PER CUBIC FOOT
PE LINING	POLYETHYLENE LINING
PERF	PERFORATED
PERP	PERPENDICULAR
PI	POINT OF INTERSECTION
PL	PROPERTY LINE/ PLATE
PNL	PANEL
PP	POWER POLE
PREFAB	PREFABRICATED
PRV	PRESSURE RELIEF VALVE
PS	PUMPING STATION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENT/ POINT
PTN	PARTITION
PV	PLUG VALVE
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PW	POTABLE WATER
QTY	QUANTITY
R	RADIUS/ RISER
RCP	REINFORCED CONCRETE PIPE
RD	ROAD/ ROOF DRAIN
RECIR	RECIRCULATION
RECP	RECEPTACLE
RECT	RECTANGULAR
RED	REDUCER
REF	REFERENCE
REG	REGISTER
REINF	REINFORCING
REM	REMOVE
REQD	REQUIRED
REST	RESTRAINED
REV	REVISE
RF	ROOF
RFG	ROOFING
RJ	RESTRAINED JOINT
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
RPM	REVOLUTIONS PER MINUTE
RR	RESTROOM
RT	RIGHT
RTU	REMOTE TERMINAL UNIT
RW	RAW WATER
R/W	RIGHT OF WAY
S	SOUTH
SAN	SANITARY
SBL	SURVEY BASELINE
SCH	SCHEDULE
SD	STORM/SITE DRAIN
SECT	SECTION
SERV	SERVICE
SEW	SEWER
SF	SQUARE FEET
SHT	SHEET
SI	SQUARE INCH
SIM	SIMILAR
SJ	STEEL JOIST
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SEWER
SST	STAINLESS STEEL
ST	STREET
STA	STATION
STD	STANDARD
STG	STORAGE
STIR	STIRRUP
STL	STEEL
STR	STRUCTURAL
SUB	SUBSTITUTE
SUP	SUPPLY
SUPT	SUPERINTENDENT
SUR	SURFACE
SUSP	SUSPENDED
SW	SWITCH
SWBD	SWITCHBOARD
SWD	SIDE WATER DEPTH
SYM	SYMMETRICAL

T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TAN	TANGENT
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB
TDH	TOTAL DYNAMIC HEAD
TECH	TECHNICAL
TEL	TELEPHONE
TEMP	TEMPERATURE
TER	TERRAZZO
THERMO	THERMOSTAT
THK	THICK
THRU	THROUGH
TOD	TOP OF DECK
TOF	TOP OF FOOTING
TOM	TOP OF MASONRY/ MANHOLE
TOS	TOP OF SLAB
TOW	TOP OF WALL
TOL	TOLERANCE
TPS	TWISTED PAIR SHIELDED
TRANS	TRANSFORMER
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY
VAC	VACUUM
VAT	VINYL ASBESTOS TILE
VCP	VITRIFIED CLAY PIPE
VEL	VELOCITY
VENT	VENTILATING/ VENTILATION
VERT	VERTICAL
VOL	VOLUME
VP	VENT PIPE
VWC	VINYL WALL COVERING
W	WEST/ WIDTH
W/	WITH
WC	WATER CLOSET
WF	WIDE FLANGE
WH	WALL HYDRANT
WI	WROUGHT IRON
WL	WATER LEVEL
W/L	WATER LINE
WO	WINDOW OPENING
W/O	WITHOUT
WP	WATERPROOF
WPFG	WATER PROOFING
WPT	WALL PENETRATING TYPE
WSE	WATER SURFACE ELEVATION
WSP	WEATHERSTRIP
WT	WEIGHT
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
YD	YARD
YR	YEAR

5 — 5

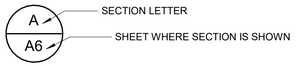
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ARCHITECTURAL GENERAL NOTES

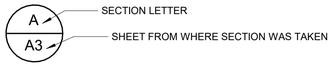
1. FOR CONCRETE AND STEEL SIZES AND CONFIGURATIONS, SEE STRUCTURAL DRAWINGS.
2. FOR LOCATION OF EQUIPMENT PADS, SEE STRUCTURAL AND PROCESS MECHANICAL DRAWINGS.
3. FOR FINAL GRADING AND BUILDING LOCATION, SEE CIVIL DRAWINGS.
4. FOR FLOOR DRAIN LOCATIONS, SEE CIVIL, STRUCTURAL AND PLUMBING DRAWINGS.
5. ITEMS NOT NOTED ON DRAWINGS SHALL BE CONSIDERED THE SAME AS NOTED ITEMS WHICH ARE GRAPHICALLY REPRESENTED IN THE SAME MANNER.
6. SURFACES TO BE PAINTED ARE NOT COMPLETELY INDICATED ON DRAWINGS. SEE DETAILS SPECIFICATION 09900 PAINTING AND FINISH SCHEDULE.
7. INTERIOR WALLS SHALL EXTEND TO UNDERSIDE OF THE ROOF OR FLOOR SLAB ABOVE UNO.
8. PROVIDE TOP OF WALL ANCHORS FROM THE TOP COURSE OF ALL INTERIOR MASONRY WALLS TO THE BEAM OR SLAB ABOVE UNO. TOP OF METAL STUD WALLS TO RECEIVE DEFLECTION TRACK.
9. DOORS SHALL BE LOCATED 8" FROM THE CORNERS OF MASONRY WALLS, AND 6" FROM THE CORNERS OF METAL STUD WALLS UNLESS OTHERWISE DIMENSIONED ON THE PLAN.
10. WALL DIMENSIONS ARE TO FACE OF MASONRY OR FACE OF METAL STUD OR FACE OF PRE-ENGINEERED METAL GIRT. SEE PARTITION SCHEDULE FOR ADDITIONAL INFORMATION.
11. DIMENSIONS REPRESENT MASONRY OPENINGS IN MASONRY WALLS, AND NOMINAL OPENINGS IN METAL FRAMED WALLS.
12. MASONRY WALL DIMENSIONS ARE NOMINAL MASONRY SIZES UNO.
13. INTERIOR MASONRY WALLS THAT ARE TO RECEIVE METAL FURRING ARE DIMENSIONED TO THE FACE OF THE METAL FURRING. SEE PARTITION SCHEDULE FOR METAL FURRING TYPE AND FINISH.
14. WHERE THE TERM "ALIGN" IS SHOWN ON THE DRAWING, IT SHALL MEAN THAT FINISH MATERIALS ON WALLS SHALL ALIGN, WHERE FINISHES HAVE DIFFERENT SUBSTRATES, PROVIDE A CONTROL JOINT IN THE FINISH MATERIAL WHERE THE DIFFERENT MATERIALS MEET.
15. VERTICAL MASONRY REINFORCING SHALL BE IN FULLY GROUTED CELLS, AND SPACED AS INDICATED ON DRAWINGS, ADJACENT TO ALL OPENINGS AND AT CORNERS.
16. INSTALL 20 GA METAL BLOCKING, BACKER PLATE, OR FIRE TREATED WOOD BLOCKING IN METAL STUD WALLS TO SUPPORT WALL MOUNTED EQUIPMENT. CONTRACTOR SHALL COORDINATE AND DESIGN BLOCKING TO FULLY SUPPORT EQUIPMENT AND CASEWORK WITHOUT DEFLECTION.
17. CONDUITS IN FINISHED AREAS SHALL BE CONCEALED IN MASONRY AND METAL STUD WALLS.
18. WHERE DISSIMILAR METALS ADJOIN, SEPARATE WITH BARRIER COATING TO PREVENT GALVANIC CORROSION.
19. FOR EXPOSED METAL DECK CEILINGS, ROOFING SCREWS TO BE CUT TO NOT EXTEND MORE THAN 1" THROUGH METAL DECK.
20. SEE DRAWINGS S-1 AND S-2 FOR STRUCTURAL LOADS, INCLUDING NON-STRUCTURAL COMPONENT ANCHORAGE TO RESIST SEISMIC FORCES.
21. PROVIDE APPROVED KNOX BOX AT EACH BUILDING MAIN ENTRANCE AND ENTRANCE GATE. WHERE NOT SHOWN ON DRAWINGS, COORDINATE LOCATION IN FIELD.
22. WHERE DISCREPANCIES ARE FOUND, NOTIFY THE ENGINEER IN ACCORDANCE WITH THE GENERAL CONDITIONS.
23. DRAWINGS ARE REPRESENTATIVE, AND DO NOT SUGGEST THE USE OF A PARTICULAR PRODUCT. NOTES AND SPECIFICATIONS SHALL DEFINE SPECIFIC PRODUCTS.

SECTION AND DETAIL KEYING

DRAWINGS ARE CROSS REFERENCED IN THE FOLLOWING METHOD:
(A) A SECTION CUT ON DRAWING A3 IS IDENTIFIED AS FOLLOWS:

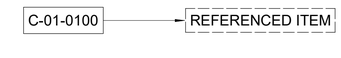


(B) THE SECTION SHOWN ON DRAWINGS A6 IS IDENTIFIED AS FOLLOWS:



DETAILS ARE CROSS REFERENCED IN A SIMILAR MANNER, EXCEPT DETAILS ARE IDENTIFIED BY A SQUARE WITH A NUMBER IN THE UPPER HALF.

STANDARD DETAILS ARE REFERENCED BY A UNIQUE SEVEN DIGIT NUMBER AND ARE SHOWN ON THE CONTRACT DRAWINGS BY ONE OF TWO METHODS:



OR:



STANDARD DETAILS ARE COMPILED IN APPROXIMATE NUMERICAL ORDER IN THE BACK OF THE CONTRACT DRAWINGS ON THE D* DRAWINGS

LINETYPES

- PROPOSED ITEMS
- EXISTING ITEMS
- HIDDEN ITEMS
- DEMOLITION ITEMS
- CENTER LINE
- PROPERTY LINE

- GRADE OR EARTH
- ASPHALT PAVING
- SAND
- GRAVEL
- CONCRETE
- CONCRETE FILL
- ROCK
- STEEL
- INSULATION
- CONC. MASONRY UNIT
- BRICK
- WATER SURFACE
- GRATING
- CHECKERED PLATE
- GLASS
- WOOD BLOCKING

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H.VINEY
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
ABBREVIATIONS, LEGENDS, SYMBOLS, AND GENERAL NOTES

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0001

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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TOUR ROUTE SHOWN IN DASHED ORANGE - MINIMUM AREAS TO BE MAINTAINED FOR ACCESSIBLE PUBLIC PATH, SEE SHEET A0004

ADMINISTRATIVE BUILDING -
8000 SHEETS

FILTER BUILDING - WEST GALLERY
3000 SHEETS

FILTER BUILDING - CROSS GALLERY
3000 SHEETS

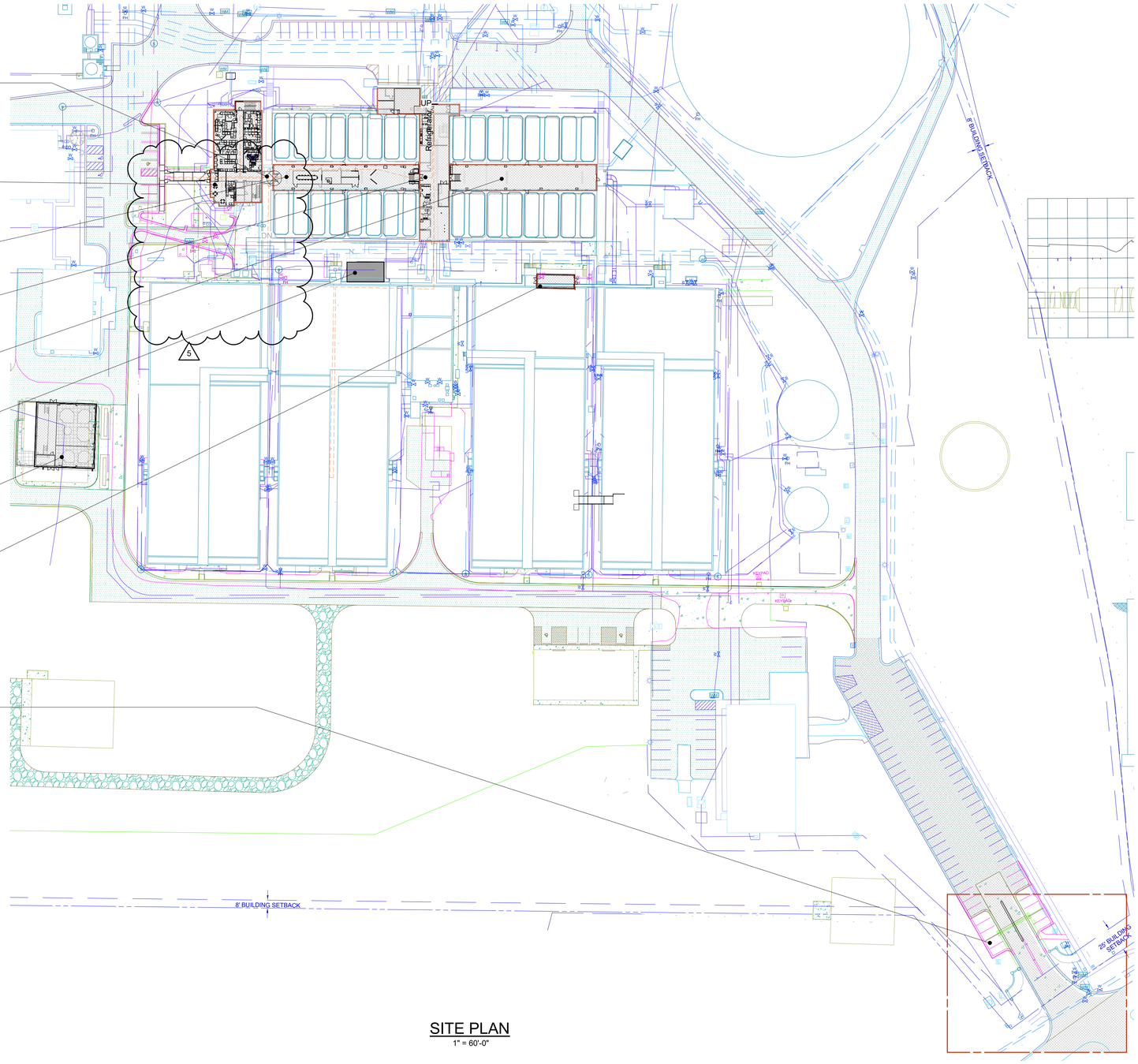
FILTER BUILDING - EAST GALLERY
3000 SHEETS

ELECTRICAL BUILDING NO. 1 -
7000 SHEET

BULK CHEMICAL BUILDING -
6100 SHEETS

ELECTRICAL BUILDING NO. 2 -
7100 SHEET

FRONT GATE -
SEE SHEET A0003 FOR ENLARGED PLAN



SITE PLAN
1" = 60'-0"

ALL INFORMATION ON THIS SHEET IS ONLY INTENDED TO SHOW LOCATION OF WORK UNDER CONTRACT.
REFER TO THE SHEETS INDICATED FOR ARCHITECTURAL INFORMATION.

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REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
3	CONFORMED DRAWINGS	03-13-25	WR
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DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

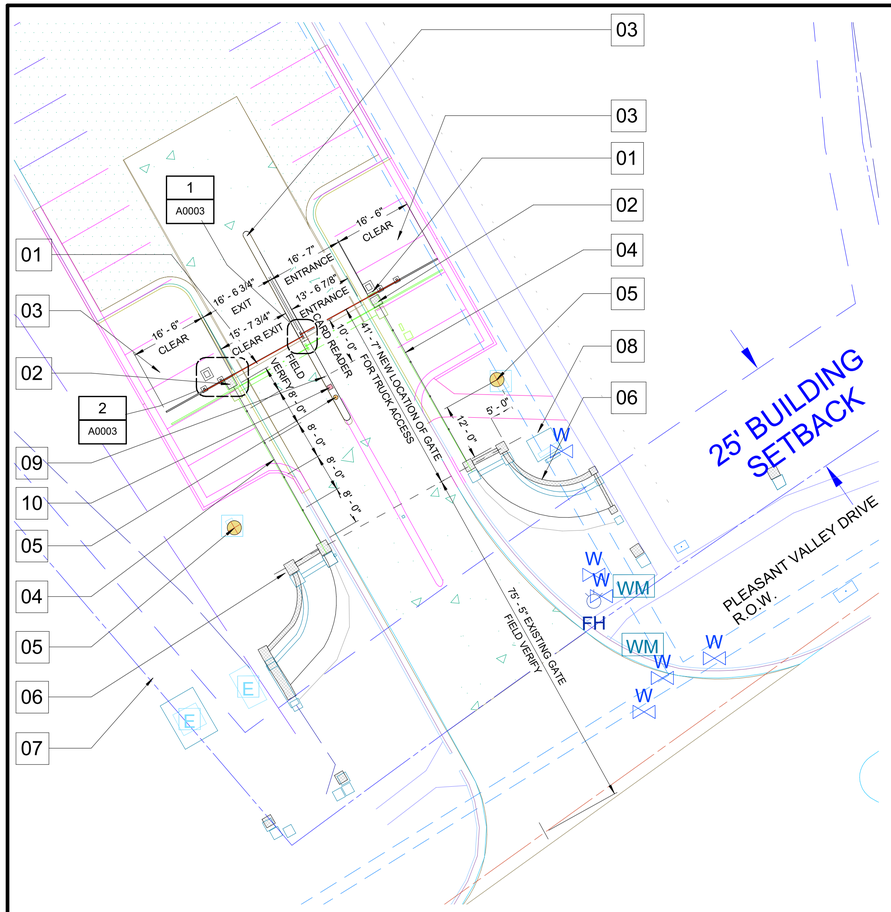
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
ARCHITECTURAL SITE PLAN

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0002

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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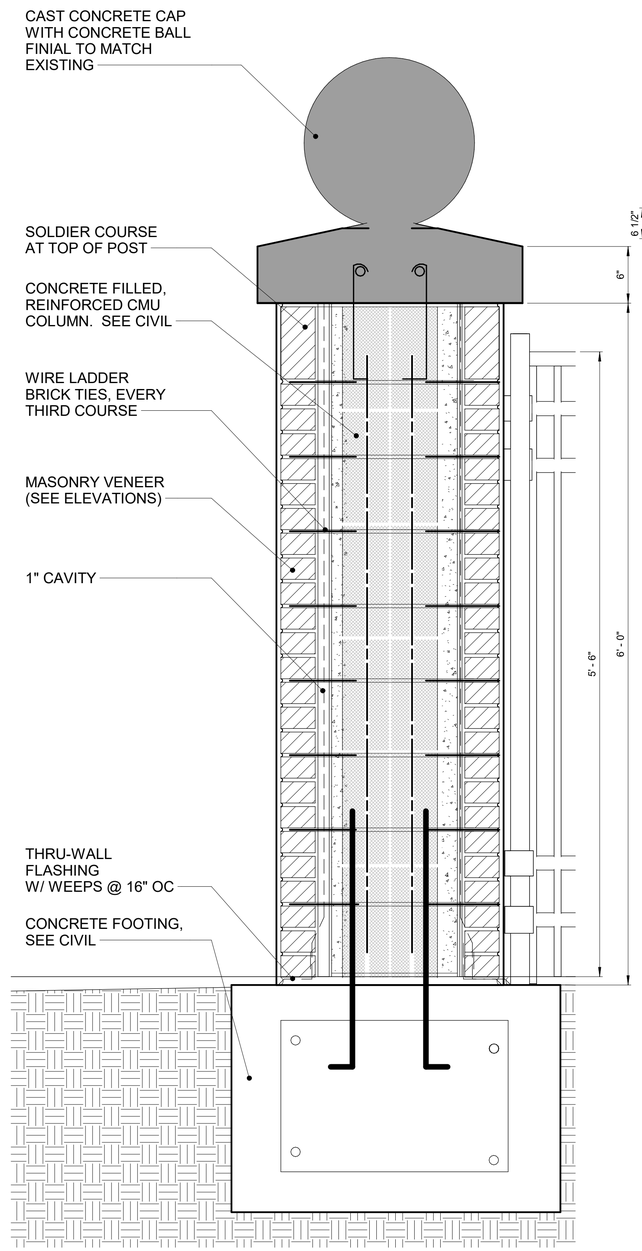
5 A0003 ENTRY GATE - NEW CONSTRUCTION PLAN
1/16" = 1'-0"

SCOPE OF WORK TO INCLUDE:

1. **SEE CIVIL SHEETS** FOR REMOVAL OF EXISTING GATE, MEDIAN, LIGHT POLE, CARD SCANNER, SIDEWALK, AND PARKING SPACES.
2. SAVE LIGHT POLE AND CARD READER FOR REUSE.
3. **SEE CIVIL SHEETS** FOR CONSTRUCTION AND REPOURING OF MEDIAN AND CURBS.
4. **SEE CIVIL SHEETS** FOR POST FOOTING DETAILS.
5. **SEE ELECTRICAL SHEETS** FOR INSTALLATION OF (2) NEW LIGHT POLES, RE-INSTALLATION OF MEDIAN LIGHT POLE, AND RE-INSTALLATION OF CARD READER. WORK INCLUDES RE-ROUTING OF (3) ELECTRICAL SENSORS ON ENTRANCE AND EXIT LANES, LIGHT POLES, AND CARD READERS AS WELL.
6. CONSTRUCTION OF (2) MASONRY GATE POSTS TO MATCH EXISTING.
7. INSTALL GATE 40'-0" FARTHER FROM MAIN ROAD TO FACILITATE SAFER TRUCK ACCESS.
8. INSTALLATION OF WROUGHT IRON FENCING TO MATCH EXISTING PERIMETER FENCING. NEW FENCING TO RUN PARALLEL TO ROAD, EXTENDING FROM EXISTING MASONRY POST TO NEW MASONRY POST (APPROX. 40'-0")

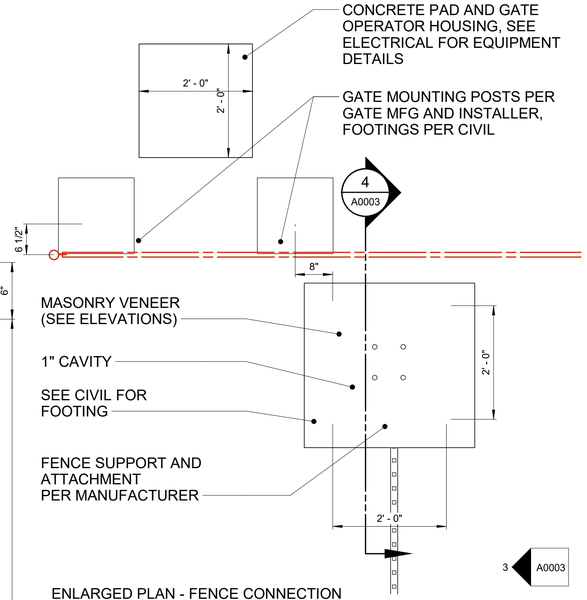
GATE RENOVATION NOTES:

01	NEW WROUGHT IRON SLIDING GATES AND OPERATORS
02	BRICK ENTRANCE GATE POST, SEE SECTION 02/A0003
03	CONCRETE CURB AND GUTTER
04	WROUGHT IRON FENCING TO MATCH EXISTING STYLE
05	LIGHT POLE - SEE CIVIL FOR CONCRETE BASE AND ELECTRICAL FOR POWER INSTALL
06	EXISTING BRICK ENTRANCE WALL AND SIGNAGE TO REMAIN
07	PROPERTY LINE
08	EXISTING POWER
09	RELOCATE EXISTING CARD READER, INSTALL POWER AND DATA LINES AS REQUIRED
10	KNOX BOX MOUNTED TO POST, APPROX 5'-0" ABOVE GROUND LEVEL, PER FIRE DEPARTMENT REQUIREMENTS



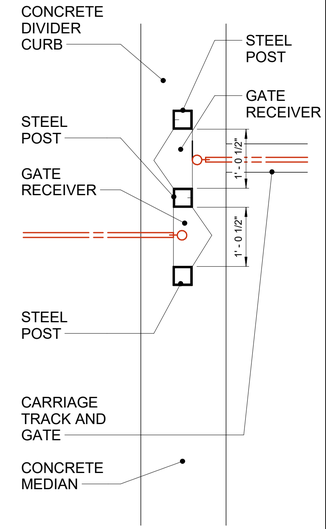
MASONRY POST SECTION

SECTION 4 A0003
1 1/2" = 1'-0"



ENLARGED PLAN - FENCE CONNECTION

DETAIL 2 A0003
3/4" = 1'-0"

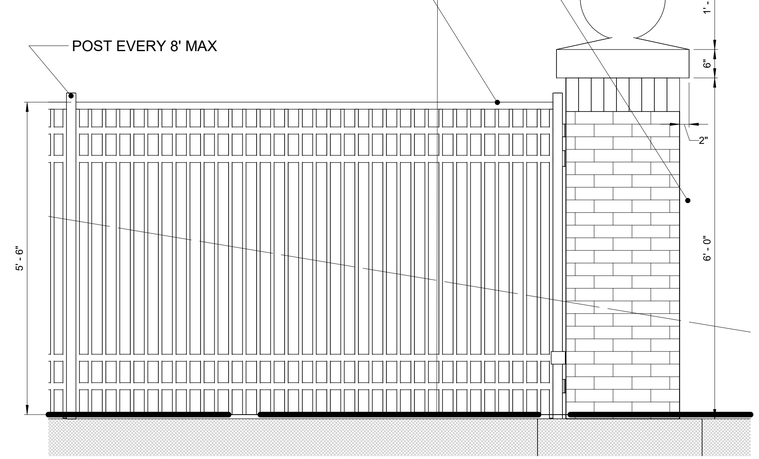


ENLARGED PLAN - MEDIAN CURB

DETAIL 1 A0003
3/4" = 1'-0"

5 SLIDING GATE TO BE INSTALLED ON MASONRY POST, SEE DETAIL 2

5'-6" TALL WROUGHT IRON FENCING TO MATCH EXISTING STYLE



FENCING ELEVATION

SECTION 3 A0003
3/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

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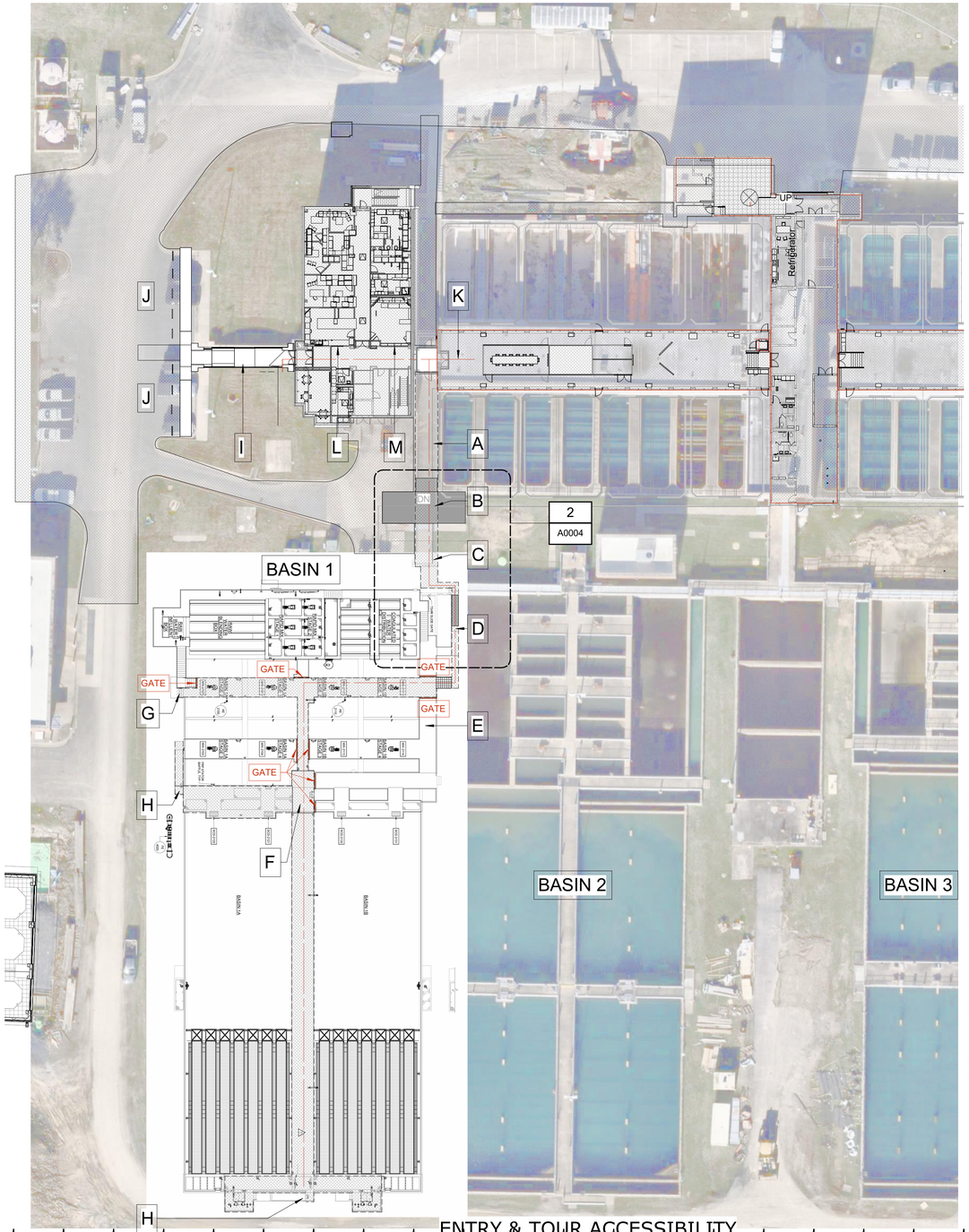
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
ENLARGED SITE PLAN - EXISTING FRONT GATE ENTRY MODIFICATIONS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0003

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ENTRY & TOUR ACCESSIBILITY

1" = 30'-0"

KEYED NOTES : SEE SHEET A005 FOR EXISTING CONDITION PHOTOS

A. UPGRADE ALL GUARD RAILING TO PICKET STYLE

B. PROVIDE ACCESSIBLE PATH WITH STEEL PLATE IN DRIVEWAY AND RAMP UP TO MAKE STEP ACCESSIBLE, SEE STRUCTURAL DETAILS

C. PROVIDE ACCESSIBLE PATH TO BASIN WITH HANDRAIL AND RAMP (MAX 1:12 SLOPE PER ADA), SEE STRUCTURAL DETAILS

D. INSTALL WALKWAY, SUPPORTED BY BASIN 2 WALL. PROVIDES ACCESS TO NEW WALKWAY OVER CHANNEL. SEE STRUCTURAL DETAILS

E. NEW WALKWAY OVER CHANNEL, STEEL FLOOR GRATING

F. 1" ELEVATION CHANGE AT PLATFORM

G. EXISTING EXIT OFF DECK

H. PROVIDE ADDITIONAL EXIT OFF DECK WITH EGRESS RAMP

I. EXISTING BRIDGE AND ENTRY

J. PARKING, SEE CIVIL SHEETS

K. TOUR ROUTE SHOWN IN RED CENTERLINE. AT MINIMUM, THIS AREA MUST BE MAINTAINED FOR AN ACCESSIBLE PATH.

L. OBSERVATION WINDOW INTO DAY LAB FROM CORRIDOR

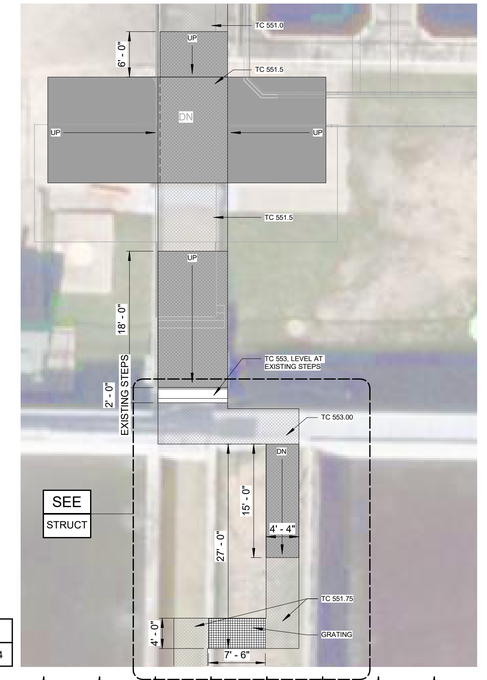
M. OBSERVATION WINDOW INTO CONTROL ROOM FROM CORRIDOR

NOTE :

1. SEE CIVIL AND STRUCTURAL SHEETS FOR ALL UPGRADES AND MODIFICATIONS IN THE AREAS NOTED, FOR COMPLIANCE WITH ADA REGULATIONS. ELEMENTS ON TOUR ROUTE INCLUDE BUT ARE NOT LIMITED TO RAMPS, GUARD AND HAND RAILS, FLOOR GATE, ETC.

LEGEND:

- GUARDRAIL TO MEET BUILDING CODE STANDARDS FOR PUBLIC USE. SEE STRUCTURAL SHEETS FOR RAILING DETAILS.
- GATE - REQUIRES SELF CLOSING HINGES AND A KEYED LOCK FROM BOTH SIDES
- TOUR ROUTE
- RAMP REQUIRED AT CHANGE IN ELEVATION



DETAIL 2 / A0004

1" = 10'-0"

5

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-202 6	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	W. RUSSELL
DRAWN BY:	H. VINEY
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Hazen

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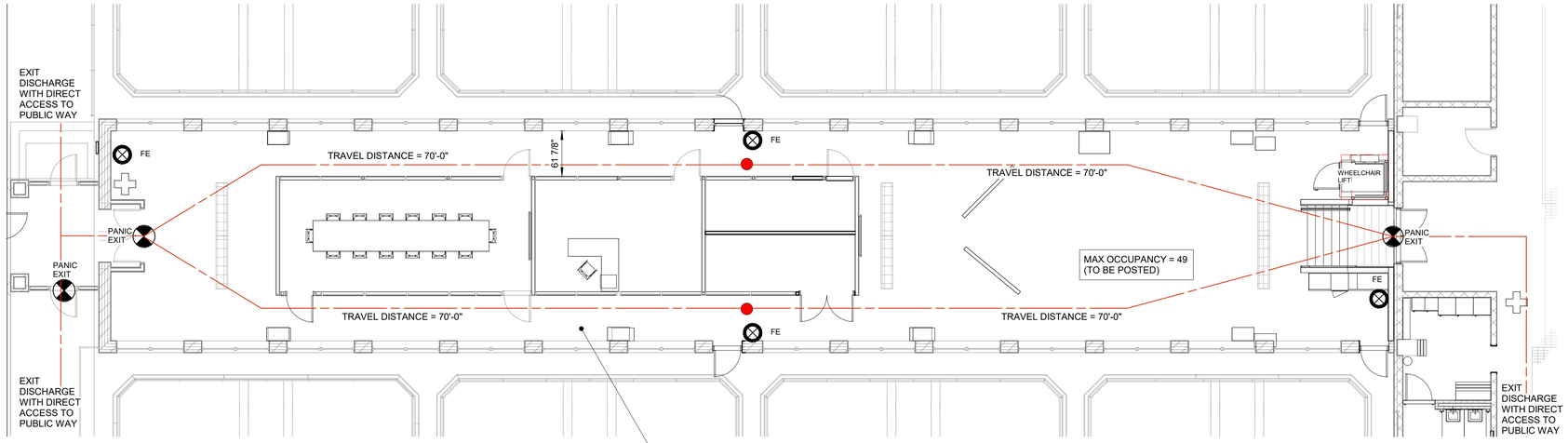
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
ENLARGED SITE PLAN - ENTRY & TOUR ACCESSIBILITY

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0004

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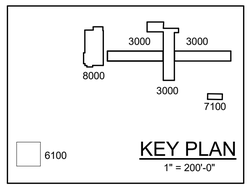


LIFE SAFETY PLAN - FILTER BLDG, WEST GALLERY

1/8" = 1'-0"

LEGEND:

	FIRST AID CABINET		1 HR RATED WALL
FE	FIRE EXTINGUISHER - DRY CHEMICAL		2 HR RATED WALL
CO_2	FIRE EXTINGUISHER - CARBON DIOXIDE	EW	EYE WASH
	EXIT LIGHT SIGN	EXIT	EXIT / ENTRANCE
PANIC	PROVIDE PANIC HARDWARE		DIRECTION OF TRAVEL / TRAVEL DISTANCE
			MOST REMOTE POINT



BUILDING CODE ANALYSIS- ARKANSAS
2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

SUMMARY OF WORK – 3000 FILTER BUILDING, WEST GALLERY

- **CH 6 ALTERATION LEVEL 1**
  - BUILDING ELEMENT REPLACEMENT AT WEST GALLERY
    - EXTERIOR DOORS
    - REPLACEMENT OF EXISTING CEILING MOUNTED FANS
    - UP-GRADE OF EXISTING UNIT HEATERS
  - FINISHES
    - INTERIOR CLEANING
    - NEW WALL PAINT
    - NEW CEILING TREATMENT
    - UPGRADE OF EXISTING LIGHTING
    - NEW FLOOR COATING

LEVEL OF ALTERATION/ REHABILITATION

	2021 INTERNATIONAL EXISTING BUILDING CODE		
CODE ITEM	**Reference**	**Allowed**	**Provided ***
ALTERATION TO EXISTING BUILDING	601.2.1	LEVEL 1	**LEVEL 1**

OCCUPANCY AND CONSTRUCTION CLASSIFICATION

	2021 ARKANSAS FIRE PREVENTION CODE, VOL-II International Building Code 2021 with amendments		
CODE ITEM	**Reference**	**Allowed**	**Provided**
OCCUPANCY CLASSIFICATION	306.3	EXISTING UNCHANGED	**B** Business
CONSTRUCTION CLASSIFICATION	TABLE 601	EXISTING UNCHANGED	**TYPE II-B****

BUILDING REQUIREMENTS

BUILDING HEIGHT (FEET)	TABLE 504.3	NS 40 FT	**NS 15'-2" FT**
BUILDING HEIGHT (STORIES)	TABLE 504.4	3	**1**
BUILDING AREA	TABLE 506.2	NS 19,000 SF	**NS 4,000 SF**
WEST GALLERY - OFFICES / CIRCULATION			4,000 SF
MEZZANINE AREA	N/A	-	**-**

FIRE RESISTANCE RATING REQUIREMENTS
2021 ARKANSAS FIRE PREVENTION CODE, VOL. II- BUILDING

STRUCTURAL FRAME		0 HR	**0 HR**
EXTERIOR NON-BEARING WALLS			
NORTH	FIRE RESISTANCE UNCHANGED	0 HR	**0 HR**
EAST		0 HR	**0 HR**
SOUTH		0 HR	**0 HR**
WEST		0 HR	**0 HR**
INTERIOR NON-BEARING WALL	TABLES 601 & 602	0 HR	**0 HR**
FLOOR CONSTRUCTION		0 HR	**0 HR**
ROOF CONSTRUCTION		0 HR	**0 HR**
SHAFT ENCLOSURES	713		**NONE**
OPENING PROTECTIVES	716.1		**NONE**
INTERIOR FINISH	803.13		**NONE**

EGRESS REQUIREMENTS

EGRESS PATH AND LEVEL OF PROTECTION IS UNCHANGED PER VRC 602.2
SIZES OF EXISTING EGRESS COMPONENTS, PER VCC, ARE PROVIDED FOR INFORMATION ONLY.

CALCULATED OCCUPANT LOAD

	(a)	(b)	(c= a/b)
USE GROUP OR SPACE DESCRIPTION	**AREA SF**	**LOAD FACTOR TABLE 1004.5**	**OCCUPANT LOAD**
B GROUND FLOOR – OFFICES (WEST GALLERY)	900 SF	150 GROSS	**6 UNCHANGED**
B SECOND FLOOR – CIRCULATION (WEST GALLERY)	3,100 SF	150 GROSS	**20 UNCHANGED**
-	-	-	**-**

EGRESS WIDTH PER OCCUPANT

	Capacity Factor		Calculated		Allowed		Provided	
USE GROUP OR SPACE DESCRIPTION	**(d) STAIR 1005.3.1**	**(e) DOOR 1005.3.2**	**(d*d) STAIR CALC**	**(d*e) DOOR CALC**	**STAIR 1011**	**DOOR 1010**	**STAIR CLEAR WIDTH**	**DOOR CLEAR WIDTH**
B - OFFICES	0.3	0.2	9"	6"	36"	32"	N/A	34"
B - CIRCULATION	0.3	0.2	9"	6"	36"	32"	76"	76"
-	-	-	-	-	-	-	-	-

MINIMUM EGRESS WIDTH AND TRAVEL DISTANCE

	Reference	Allowed	Provided
MINIMUM CORRIDOR WIDTH	TABLE 1020.2	36"	**61.875"**
MINIMUM WIDTH - EXISTING BUILDINGS	VRC 602.2.2	MAINTAIN LEVEL OF PROTECTION	**MAINTAINED**
EXIT ACCESS TRAVEL DISTANCE	TABLE 1017.2	NS 200'	**SEE LIFE SAFETY PLAN**
COMMON PATH OF TRAVEL/ SPACE WITH ONE EXIT	TABLE 1006.2.1	NS 75'	**SEE LIFE SAFETY PLAN**
DEAD END CORRIDOR DISTANCE	1020.4	20'	**NONE**

* EXISTING BUILDING VALUES ARE LABELED # X
** NO CHANGE TO OCCUPANCY OR CONSTRUCTION CLASSIFICATION.

EMERGENCY LIGHTING	1008	MAINTAINED	**MAINTAINED**
EXIT SIGNS	1013	MAINTAINED	**SEE LIFE SAFETY PLAN**
AUTOMATIC SPRINKLERS	903	NOT REQUIRED	**NONE**
FIRE ALARM	907	NOT REQUIRED	**NONE**
SMOKE DETECTION	907	NOT REQUIRED	**NONE**
PANIC HARDWARE	1010.1.10	REQUIRED	**YES**
FIRE EXTINGUISHERS	906	REQUIRED	**YES**
HAZARD CLASSIFICATION	NONE	NONE	NONE
FIRE EXTINGUISHER, DRY CHEMICAL	906.3	10 LB 2A: 40BC	**10 LB 4A: 60BC**
TRAVEL DISTANCE		75 FT	70 FT
FLOOR AREA PER EXTINGUISHER		3,000 SF	1,750 SF
FIRE EXTINGUISHER, CARBON DIOXIDE		NOT REQUIRED	-
TRAVEL DISTANCE		-	-
FLOOR AREA PER EXTINGUISHER		-	-
LIFE SAFETY NOTES	-		

PLUMBING FIXTURES

PLUMBING FIXTURES ARE UNCHANGED. PLUMBING FIXTURES ARE NOT PROVIDED IN WEST GALLERY, BUT CAN BE ACCESSED IN ADJOINING ADMINISTRATION BUILDING OR CROSS GALLERY

STRUCTURAL AND SEISMIC DESIGN LOADS

STRUCTURAL, INCLUDING SEISMIC AND WIND LOADS, SEE DRAWINGS S3014 / S3015 - UNCHANGED

ENERGY CODE REQUIREMENTS
2014 ARKANSAS ENERGY CODE, BASED ON 2018 IECC

PRESCRIPTIVE COMPLIANCE PATH

CODE ITEM	Cont. R-Value	Max. U-Factor	Solar Heat Gain Coefficient SHGC*	NOTES
LITTLE ROCK, ARKANSAS (PULASKI COUNTY)	**CLIMATE ZONE 3A**			
TABLES C402.1.3 AND C402.1.4 OPAQUE THERMAL ENVELOPE ASSEMBLY REQUIREMENTS				
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	EXISTING ROOFSTRUCTURE AND SYSTEM TO REMAIL IN PLACE
MASS WALLS – EXT. BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	EXISTING EXTERIOR WALLS TO REMAIN. NO NEW EXTERIOR CONSTRUCTION
SWINGING DOOR	N/A	**U-0.37**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS				
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	EXISTING WINDOWS AND FRAMES TO REMAIN AS INSTALLED, NO NEW WINDOWS INSTALLED
SKYLIGHTS, METAL FRAME	N/A	N/A	0.30	NO SKYLIGHTS IN PROJECT

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

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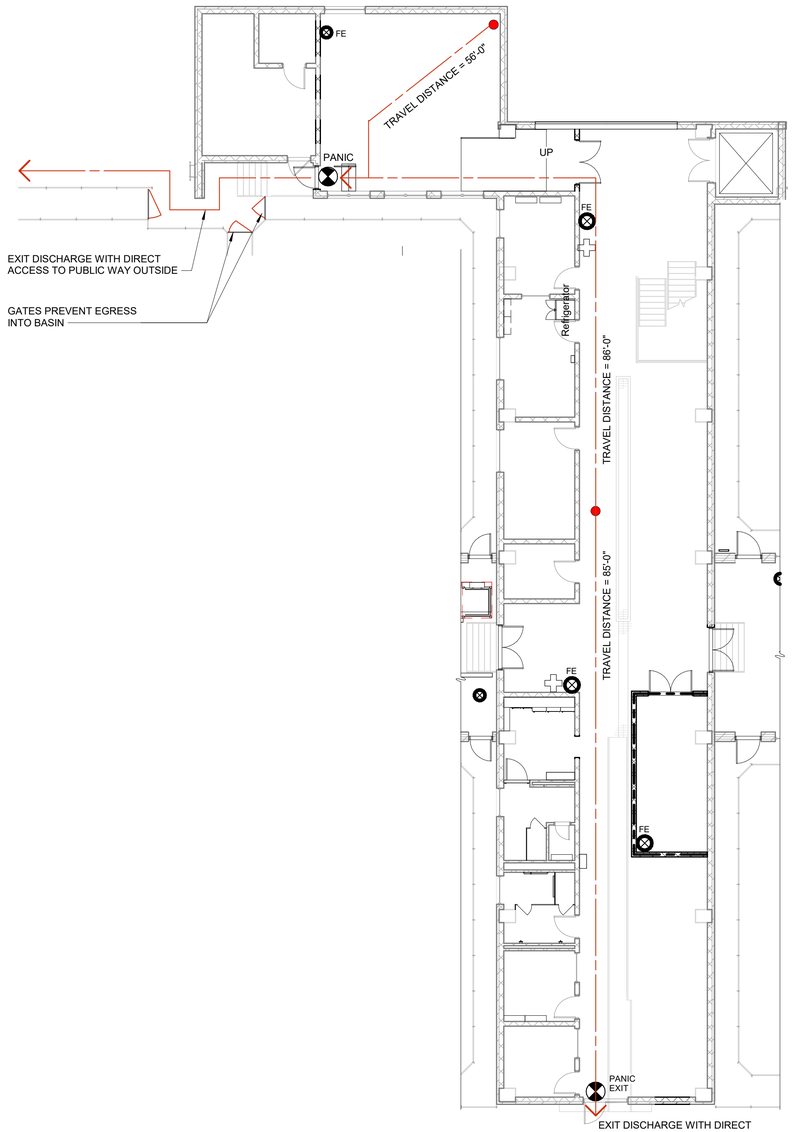
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
CODE SUMMARY AND LIFE SAFETY PLAN -
FILTER WEST GALLERY

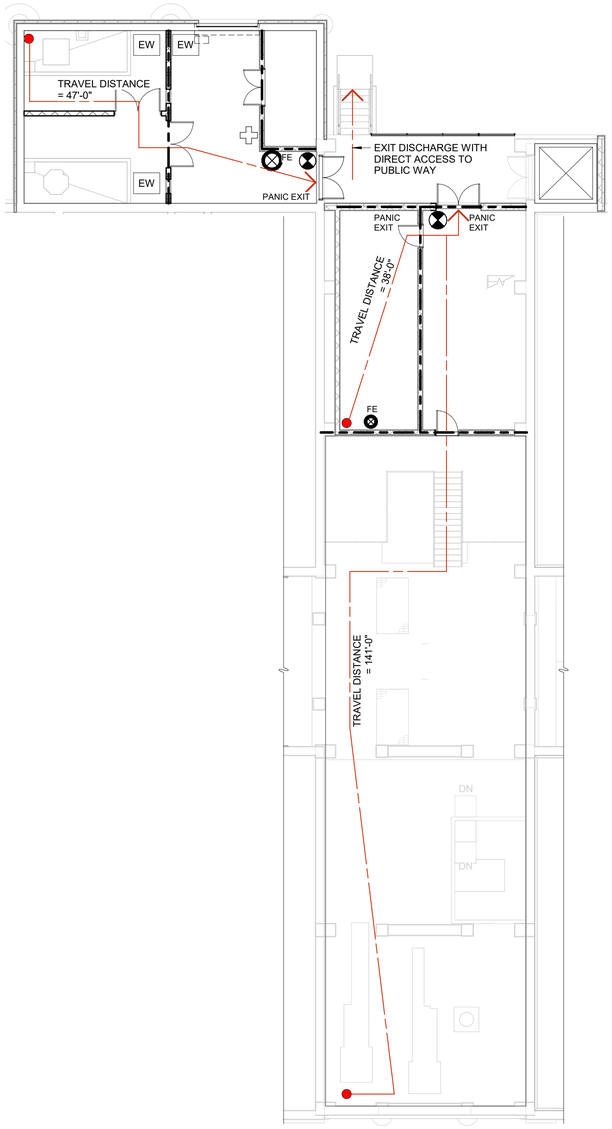
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0006

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LIFE SAFETY PLAN - FILTER BLDG, CROSS GALLERY, 2ND FL

3/32" = 1'-0"

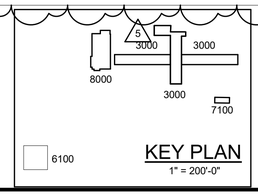


LIFE SAFETY PLAN - FILTER BLDG, CROSS GALLERY, 1ST FL

3/32" = 1'-0"

LEGEND:

	FIRST AID CABINET	1 HR RATED WALL	
FE	FIRE EXTINGUISHER - DRY CHEMICAL	2 HR RATED WALL	
CO_2	FIRE EXTINGUISHER - CARBON DIOXIDE	EW	EYE WASH
	EXIT LIGHT SIGN	EXIT	EXIT / ENTRANCE
PANIC	PROVIDE PANIC HARDWARE		DIRECTION OF TRAVEL / TRAVEL DISTANCE
			MOST REMOTE POINT



KEY PLAN

1" = 200'-0"

BUILDING CODE ANALYSIS- ARKANSAS
2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

SUMMARY OF WORK – 3000 FILTER BUILDING, CROSS GALLERY

- **CH 6 ALTERATION LEVEL 1**
  - BUILDING ELEMENT REPLACEMENT AT CROSS GALLERY

    First Floor: 15,951 SF
    Flouride Feed Room & ZOP Feed Room
    Circulation
    Loading Dock
    Storage Room

    Second Floor: 2,158 SF
    SCADA Server Room
    Offices
    Utility
    Storage
    Circulation
    Restrooms
    Mechanical Room
    Electrical Room

  - FINISHES
    - INTERIOR CLEANING
    - NEW WALL PAINT
    - NEW CEILING TREATMENT
    - UPGRADE OF EXISTING LIGHTING
    - NEW FLOOR COATING

LEVEL OF ALTERATION/ REHABILITATION

	2021 INTERNATIONAL EXISTING BUILDING CODE		
CODE ITEM	**Reference**	**Allowed**	**Provided ***
ALTERATION TO EXISTING BUILDING	601.2.1	LEVEL 1	**LEVEL 1**

OCCUPANCY AND CONSTRUCTION CLASSIFICATION

	2021 ARKANSAS FIRE PREVENTION CODE, VOL-II International Building Code 2021 with amendments		
CODE ITEM	**Reference**	**Allowed**	**Provided**
OCCUPANCY CLASSIFICATION	306.3	EXISTING F-1	**B** Business
CONSTRUCTION CLASSIFICATION	TABLE 601	EXISTING UNCHANGED	**TYPE II-B****

BUILDING REQUIREMENTS

BUILDING HEIGHT (FEET)	TABLE 504.3	NS 40 FT	**NS 35'-0" FT**
BUILDING HEIGHT (STORIES)	TABLE 504.4	3	**3**
BUILDING AREA	TABLE 506.2	NS 19,000 SF PER FLOOR	**NS 15,951 SF**
FIRST FLOOR – WATER /SEWER TREATMENT FACILITY CHEMICAL STORAGE			15,951 SF
SECOND FLOOR - BUSINESS			2,158 SF
THIRD FLOOR – UNMODIFIED			0 SF
		-	-

FIRE RESISTANCE RATING REQUIREMENTS
2021 ARKANSAS FIRE PREVENTION CODE, VOL. II- BUILDING

STRUCTURAL FRAME	FIRE RESISTANCE UNCHANGED TABLES 601 & 602	0 HR	**0 HR**
EXTERIOR NON-BEARING WALLS			
NORTH		0 HR	**0 HR**
EAST		0 HR	**0 HR**
SOUTH		0 HR	**0 HR**
WEST		0 HR	**0 HR**
INTERIOR NON-BEARING WALL		0 HR	**0 HR**
FLOOR CONSTRUCTION		0 HR	**0 HR**
ROOF CONSTRUCTION		0 HR	**0 HR**
SHAFT ENCLOSURES	713		**NONE**
OPENING PROTECTIVES	716.1		**NONE**
INTERIOR FINISH	803.13		**NONE**

EGRESS REQUIREMENTS

EGRESS PATH AND LEVEL OF PROTECTION IS UNCHANGED PER VRC 602.2.
SIZES OF EXISTING EGRESS COMPONENTS, PER VCC, ARE PROVIDED FOR INFORMATION ONLY.

CALCULATED OCCUPANT LOAD

	(a)	(b)	(c= a/b)
USE GROUP OR SPACE DESCRIPTION	**AREA SF**	**LOAD FACTOR TABLE 1004.5**	**OCCUPANT LOAD**
F1 - FIRST FL – ACC STORAGE, MECH EQUIP	15,951 SF	300 GROSS	**54 UNCHANGED**
B - SECOND FL – BUSINESS USE AREA	2,158 SF	150 GROSS	**15 UNCHANGED**
THIRD FL – NOT OCCUPIED, NOT REQUIRED	0 SF	-	-

EGRESS WIDTH PER OCCUPANT

	Capacity Factor		Calculated		Allowed		Provided	
USE GROUP OR SPACE DESCRIPTION	**(d) STAIR 1005.3.1**	**(e) DOOR 1005.3.2**	**(c'd) STAIR CALC**	**(c'e) DOOR CALC**	**STAIR 1011**	**DOOR 1010**	**STAIR CLEAR WIDTH**	**DOOR CLEAR WIDTH**
FIRST FL - STORAGE	0.3	0.2	9"	6"	36"	32"	N/A	34"
SECOND FL - BUSINESS	0.3	0.2	9"	6"	36"	32"	42"	40"
THIRD FL – NOT OCCUPIED	N/A	N/A	N/A	N/A	N/A	N/A	42"	40"

MINIMUM EGRESS WIDTH AND TRAVEL DISTANCE

	Reference	Allowed	Provided
MINIMUM CORRIDOR WIDTH	TABLE 1020.2	36"	**40"**
MINIMUM EQUIPMENT ACCESS WIDTH	TABLE 1020.2	24"	**UNCHANGED**
MINIMUM WIDTH - EXISTING BUILDINGS	VRC 602.2.2	MAINTAIN LEVEL OF PROTECTION	**UNCHANGED**
EXIT ACCESS TRAVEL DISTANCE	TABLE 1017.2	NS 200'	**SEE LIFE SAFETY PLAN**
COMMON PATH OF TRAVEL/ SPACE WITH ONE EXIT	TABLE 1006.2.1	NS 75'	**SEE LIFE SAFETY PLAN**
DEAD END CORRIDOR DISTANCE	1020.4	20'	**NONE**

* EXISTING BUILDING VALUES ARE LABELED # X
** NO CHANGE TO OCCUPANCY OR CONSTRUCTION CLASSIFICATION.

LIFE SAFETY SYSTEMS

EMERGENCY LIGHTING	1008	MAINTAINED	**MAINTAINED**
EXIT SIGNS	1013	MAINTAINED	**SEE LIFE SAFETY PLAN**
AUTOMATIC SPRINKLERS	903	NOT REQUIRED	**NONE**
FIRE ALARM	907	NOT REQUIRED	**NONE**
SMOKE DETECTION	907	NOT REQUIRED	**NONE**
PANIC HARDWARE	1010.1.10	REQUIRED	**YES**
FIRE EXTINGUISHERS	906	REQUIRED	**YES**
HAZARD CLASSIFICATION	906.3 NFPA 10: 5.4	LIGHT HAZARD 1/3,000 SF	LIGHT HAZARD
FIRE EXTINGUISHER- DRY CHEMICAL	906.3	10 LB 2A: 40BC	**10 LB 4A: 60BC**
TRAVEL DISTANCE		75 FT	70 FT
FLOOR AREA PER EXTINGUISHER		3,000 SF	1,750 SF
FIRE EXTINGUISHER- CARBON DIOXIDE		NOT REQUIRED	**-**
TRAVEL DISTANCE		-	-
FLOOR AREA PER EXTINGUISHER		-	-
LIFE SAFETY NOTES	-		

PLUMBING FIXTURES

PLUMBING FIXTURES ARE UNCHANGED IN CROSS GALLERY, SECOND FLOOR.
PLUMBING FIXTURES NOT PROVIDED IN WEST OR EAST GALLERY, ADDITIONAL RESTROOMS CAN BE ACCESSED IN ADJOINING ADMINISTRATION BUILDING.

STRUCTURAL AND SEISMIC DESIGN LOADS

STRUCTURAL, INCLUDING SEISMIC AND WIND LOADS, UNCHANGED

ENERGY CODE REQUIREMENTS
2014 ARKANSAS ENERGY CODE, BASED ON 2018 IECC

PRESCRIPTIVE COMPLIANCE PATH

CODE ITEM	Cont. R-Value	Max. U-Factor	Solar Heat Gain Coefficient SHGC*	NOTES
LITTLE ROCK, ARKANSAS (PULASKI COUNTY)	**CLIMATE ZONE 3A**			
TABLES C402.1.3 AND C402.1.4 OPAQUE THERMAL ENVELOPE ASSEMBLY REQUIREMENTS				
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	EXISTING ROOF STRUCTURE AND SYSTEM TO REMAIN IN PLACE
MASS WALLS – EXT. BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	EXISTING EXTERIOR WALLS TO REMAIN, NO NEW EXTERIOR CONSTRUCTION
SWINGING DOOR	N/A	**U-0.37**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS				
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	EXISTING WINDOWS AND FRAMES TO REMAIN, ONE NEW WINDOW INSTALLED ON THIRD FLOOR
SKYLIGHTS, METAL FRAME	N/A	N/A	0.30	NO SKYLIGHTS IN PROJECT

THIS WORK IS A REMODEL OF AN EXISTING BUILDING

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

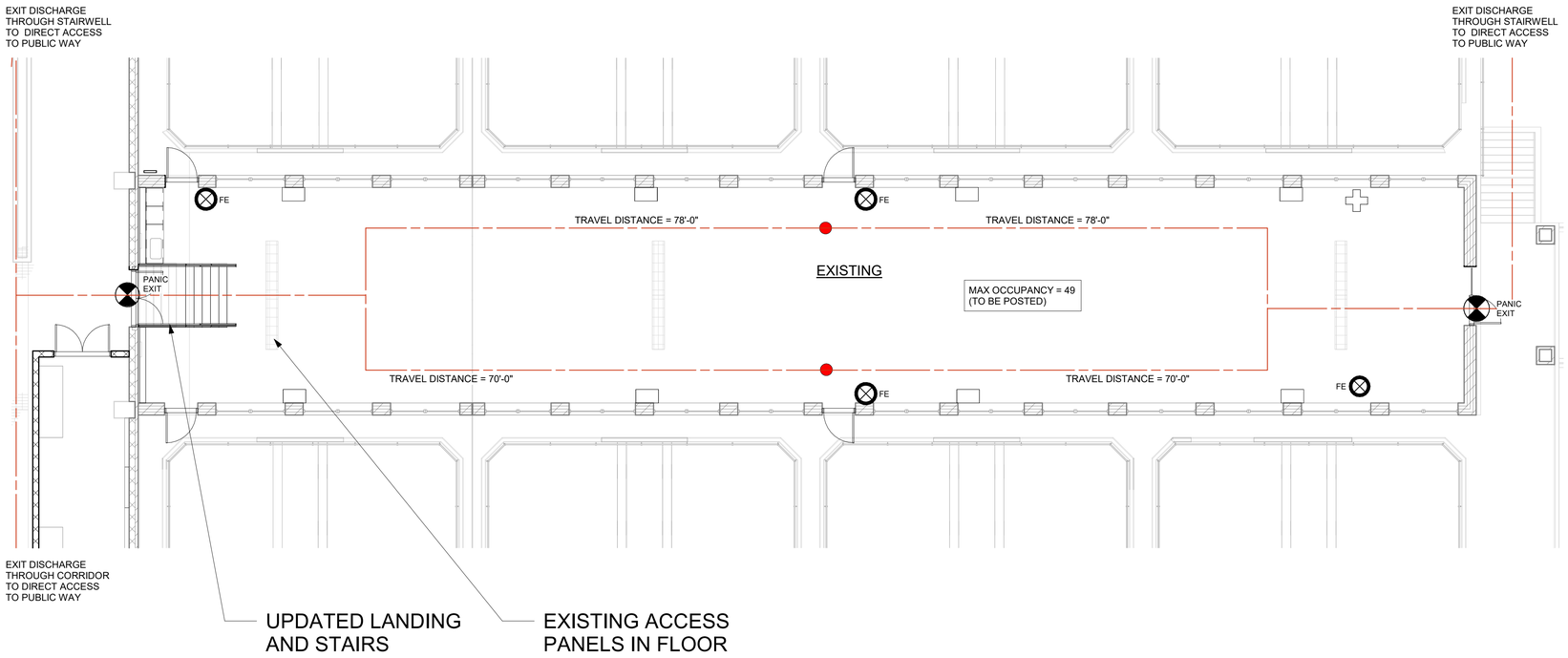
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
CODE SUMMARY AND LIFE SAFETY PLAN -
FILTER CROSS GALLERY

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0007

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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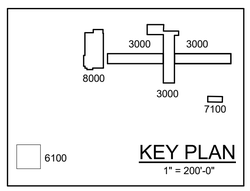


LIFE SAFETY PLAN - FILTER BLDG, EAST GALLERY

1/8" = 1'-0"

LEGEND:

- FIRST AID CABINET
- FE — FIRE EXTINGUISHER - DRY CHEMICAL
- CO_2 — FIRE EXTINGUISHER - CARBON DIOXIDE
- EXIT LIGHT SIGN
- PANIC — PROVIDE PANIC HARDWARE
- 1 HR RATED WALL
- 2 HR RATED WALL
- EW — EYE WASH
- EXIT — EXIT / ENTRANCE
- DIRECTION OF TRAVEL / TRAVEL DISTANCE
- MOST REMOTE POINT



BUILDING CODE ANALYSIS- ARKANSAS 2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

SUMMARY OF WORK – 3000 FILTER BUILDING, WEST GALLERY

- **CH 6 ALTERATION LEVEL 1**
  - BUILDING ELEMENT REPLACEMENT
    - EXTERIOR DOOR
    - EXTERIOR LOUVERS AND DAMPERS
    - ROOF MOUNTED EXHAUST FANS
    - UNIT HEATERS
  - EQUIPMENT REPLACEMENT
    - PIPING AND VALVES
    - PUMPS AND MOTORS
    - EQUIPMENT PADS
  - FINISHES
    - INTERIOR CLEANING
    - INTERIOR PIPE/ EQUIPMENT COATING

LEVEL OF ALTERATION/ REHABILITATION

	2021 INTERNATIONAL EXISTING BUILDING CODE		
CODE ITEM	**Reference**	**Allowed**	**Provided ***
ALTERATION TO EXISTING BUILDING	601.2.1	LEVEL 1	**LEVEL 1**

OCCUPANCY AND CONSTRUCTION CLASSIFICATION

	2021 ARKANSAS FIRE PREVENTION CODE, VOL-II International Building Code 2021 with amendments		
CODE ITEM	**Reference**	**Allowed**	**Provided**
OCCUPANCY CLASSIFICATION	306.3	EXISTING UNCHANGED	**B** Business
CONSTRUCTION CLASSIFICATION	TABLE 601	EXISTING UNCHANGED	**TYPE II-B****

BUILDING REQUIREMENTS

BUILDING HEIGHT (FEET)	TABLE 504.3	NS 40 FT	**NS 18'-2" FT**
BUILDING HEIGHT (STORIES)	TABLE 504.4	3	**1**
BUILDING AREA	TABLE 506.2	NS 19,000 SF	**NS 4,000 SF**
OFFICES – GROUND FLOOR			4,000 SF
MEZZANINE AREA	505.2.1	-	**-**
N/A			-

FIRE RESISTANCE RATING REQUIREMENTS 2021 ARKANSAS FIRE PREVENTION CODE, VOL. II- BUILDING

STRUCTURAL FRAME		0 HR	**0 HR**
EXTERIOR NON-BEARING WALLS			
NORTH	FIRE RESISTANCE UNCHANGED TABLES 601 & 602	0 HR	**0 HR**
EAST		0 HR	**0 HR**
SOUTH		0 HR	**0 HR**
WEST		0 HR	**0 HR**
INTERIOR NON-BEARING WALL		0 HR	**0 HR**
FLOOR CONSTRUCTION		0 HR	**0 HR**
ROOF CONSTRUCTION		0 HR	**0 HR**
SHAFT ENCLOSURES	713		**NONE**
OPENING PROTECTIVES	716.1		**NONE**
INTERIOR FINISH	803.13		**NONE**

EGRESS REQUIREMENTS

EGRESS PATH AND LEVEL OF PROTECTION IS UNCHANGED PER VRC 602.2.
SIZES OF EXISTING EGRESS COMPONENTS, PER VCC, ARE PROVIDED FOR INFORMATION ONLY.

CALCULATED OCCUPANT LOAD

	(a)	(b)	(c= a/b)
USE GROUP OR SPACE DESCRIPTION	**AREA SF**	**LOAD FACTOR TABLE 1004.5**	**OCCUPANT LOAD**
B GROUND FLOOR – OFFICES	900 SF	150 GROSS	**6 UNCHANGED**
B SECOND FLOOR – CIRCULATION	3,100 SF	150 GROSS	**20 UNCHANGED**
-	-	-	**-**

EGRESS WIDTH PER OCCUPANT

	Capacity Factor		Calculated		Allowed		Provided	
USE GROUP OR SPACE DESCRIPTION	**(d) STAIR 1005.3.1**	**(e) DOOR 1005.3.2**	**(d*W) STAIR CALC**	**(e*W) DOOR CALC**	**STAIR 1011**	**DOOR 1010**	**STAIR CLEAR WIDTH**	**DOOR CLEAR WIDTH**
B - OFFICES	0.3	0.2	9"	6"	36"	32"	NO CHANGE	NO CHANGE
B - CIRCULATION	0.3	0.2	9"	6"	36"	32"	NO CHANGE	NO CHANGE
-	-	-	-	-	-	-	-	-

MINIMUM EGRESS WIDTH AND TRAVEL DISTANCE

	Reference	Allowed	Provided
MINIMUM CORRIDOR WIDTH	TABLE 1020.2	36"	**UNCHANGED**
MINIMUM EQUIPMENT ACCESS WIDTH	TABLE 1020.2	24"	**UNCHANGED**
MINIMUM WIDTH - EXISTING BUILDINGS	VRC 602.2.2	MAINTAIN LEVEL OF PROTECTION	**MAINTAINED**
EXIT ACCESS TRAVEL DISTANCE	TABLE 1017.2	NS 200'	**UNCHANGED**
COMMON PATH OF TRAVEL/ SPACE WITH ONE EXIT	TABLE 1006.2.1	NS 75'	**UNCHANGED**
DEAD END CORRIDOR DISTANCE	1020.4	20'	**UNCHANGED**

* EXISTING BUILDING VALUES ARE LABELED # X
** NO CHANGE TO OCCUPANCY OR CONSTRUCTION CLASSIFICATION.

LIFE SAFETY SYSTEMS

EMERGENCY LIGHTING	1008	MAINTAINED	**MAINTAINED**
EXIT SIGNS	1013	MAINTAINED	**MAINTAINED**
AUTOMATIC SPRINKLERS	903	NOT REQUIRED	**NONE**
FIRE ALARM	907	NOT REQUIRED	**NONE**
SMOKE DETECTION	907	NOT REQUIRED	**NONE**
PANIC HARDWARE	1010.1.10	REQUIRED	**YES**
FIRE EXTINGUISHERS	906	REQUIRED	**YES**
HAZARD CLASSIFICATION	906.3 NFPA 10: 5.4	LIGHT HAZARD 13,000 SF	LIGHT HAZARD
FIRE EXTINGUISHER- DRY CHEMICAL	906.3	10 LB 2A: 40BC	**10 LB 4A: 60BC**
TRAVEL DISTANCE		75 FT	50 FT MAX
FLOOR AREA PER EXTINGUISHER		3,000 SF	2,000 SF
FIRE EXTINGUISHER- CARBON DIOXIDE		-	-
TRAVEL DISTANCE		-	-
FLOOR AREA PER EXTINGUISHER		-	-
LIFE SAFETY NOTES			

PLUMBING FIXTURES

PLUMBING FIXTURES ARE PROVIDED ON FIRST AND SECOND FLOORS.
ONE BATHROOM ADDED GROUND FLOOR AND FIXTURE COUNT UNCHANGED ON SECOND FLOOR.

STRUCTURAL AND SEISMIC DESIGN LOADS

STRUCTURAL INCLUDING SEISMIC AND WIND LOADS: SEE DRAWING ###

ENERGY CODE REQUIREMENTS 2014 ARKANSAS ENERGY CODE, BASED ON 2018 IECC

PRESCRIPTIVE COMPLIANCE PATH

CODE ITEM	**Cont. R-Value**	**Max. U-Factor**	**Solar Heat Gain Coefficient SHGC***	**NOTES**
LITTLE ROCK, ARKANSAS (PULASKI COUNTY)	**CLIMATE ZONE 3A**			
TABLES C402.1.3 AND C402.1.4 OPAQUE THERMAL ENVELOPE ASSEMBLY REQUIREMENTS				
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	TABLE C402.3 SOLAR REFLECTANCE INDEX CLIMATE ZONES 0-3: SRI 55
MASS WALLS – EXT. BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
SWINGING DOOR	N/A	**U-0.37**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
GARAGE DOOR WITH <14% -25% GLAZING	N/A	**U-0.31**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.40 CFM/SF
TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS				
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =0.39 FENESTRATION AREA= ≤40% SF , PER C402.4.1 TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
SKYLIGHTS, METAL FRAME	N/A	N/A	0.30	NO SKYLIGHTS IN PROJECT

ENERGY CODE REQUIREMENTS 2014 ARKANSAS ENERGY CODE, BASED ON 2018 IECC

CODE ITEM	**Cont. R-Value**	**Proposed U-Factor**	**Solar Heat Gain Coefficient SHGC**	**NOTES**
THE PROPOSED ENVELOPE SYSTEMS HAVE BEEN DESIGNED TO MEET THE ASHRAE 90.1 (2017) STANDARD REQUIREMENTS IN COMCHECK VERSION 4.1.5.5 (OR COMCHECK-WEB)				
LITTLE ROCK, ARKANSAS	**CLIMATE ZONE 3A**			
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	TABLE C402.3 SOLAR REFLECTANCE INDEX= 0.75
SKYLIGHTS, METAL FRAME, THERMALLY BROKEN PLASTIC WITH CURB (KALWALL)	N/A	N/A	N/A	NO SKYLIGHTS IN PROJECT
EXTERIOR BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
BASEMENT WALL, SOLID CONCRETE 12" THICK, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =0.36 FENESTRATION AREA= 43 SF
DOORS, SWINGING	N/A	**U-0.37**	N/A	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =N/A
DOORS, ROLLING OVERHEAD	N/A	**U-0.31**	N/A	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =N/A
UNHEATED SLAB ON GRADE	N/A	**F – 0.73**	N/A	

* N indicates vertical fenestration oriented within 45 degrees of true north. "SEW" indicates orientations other than "N".

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER: T. HUDSON
DESIGNED BY: H. VINEY
DRAWN BY: H. VINEY
PROJECT ENGINEER: W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

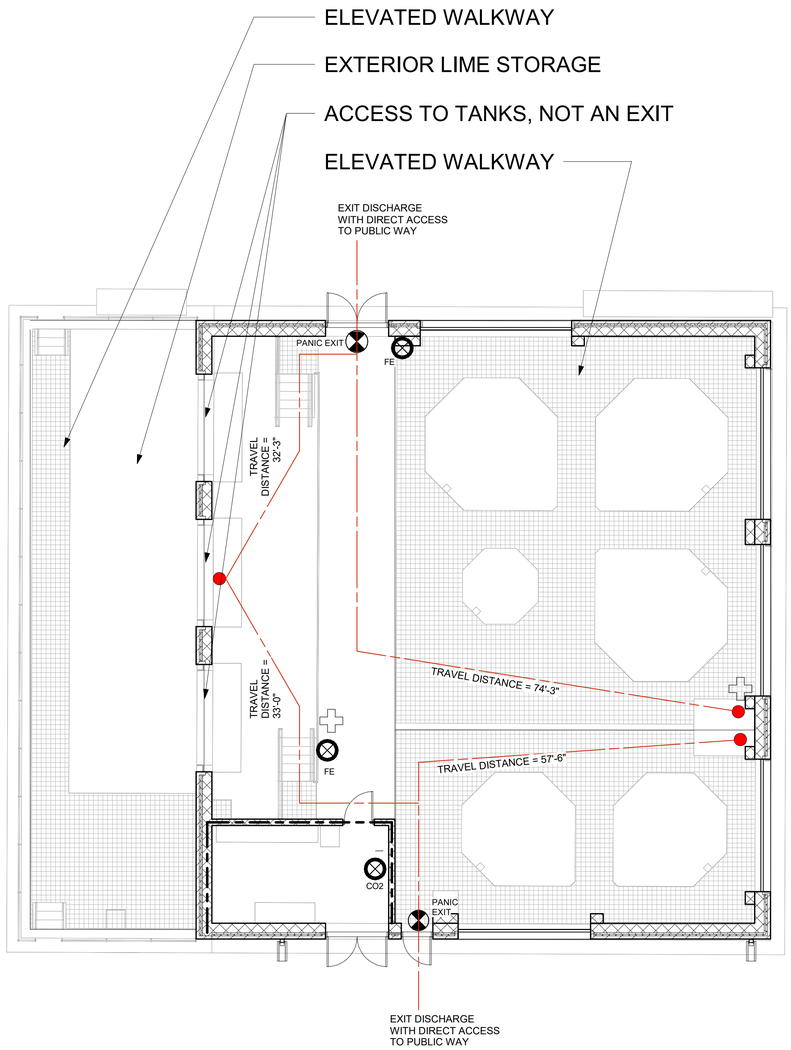
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
CODE SUMMARY AND LIFE SAFETY PLAN - FILTER EAST GALLERY

DATE: JULY 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: A0008

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BULK CHEMICAL BLDG

1/8" = 1'-0"

BUILDING CODE ANALYSIS- ARKANSAS 2021 INTERNATIONAL BUILDING CODE (IBC)

SUMMARY OF WORK – 6100 BULK CHEMICAL STORAGE BLDG

THIS BUILDING IS A PROCESS BUILDING AT THE JACK WILSON WATER TREATMENT FACILITY IN LITTLE ROCK, ARKANSAS, AND IS NOT MEANT FOR REGULAR HUMAN HABITATION. EMPLOYEE ACCESS IS FOR SERVICE AND MONITOR ONLY.

- NEW BUILDING ELEMENTS
  - BRICK AND CMU EXTERIOR WALLS
  - EXTERIOR HOLLOW METAL DOORS
  - TRANSLUCENT CURTAIN WALL SYSTEM
  - EXTERIOR LOUVERS AND DAMPERS
  - BUILT-UP BITUMINOUS ROOFING SYSTEM
  - INTERIOR FLOOR METAL GRATE SYSTEM
- EQUIPMENT
  - PIPING AND VALVES
  - PUMPS AND MOTORS
  - EQUIPMENT PADS
  - CHEMICAL STORAGE TANKS
  - CLIMATE CONTROL SYSTEM TO KEEP EQUIPMENT FROM FREEZING
- FINISHES
  - NEW WALL PAINT
  - NEW LIGHTING
  - NEW FLOOR COATING

OCCUPANCY AND CONSTRUCTION CLASSIFICATION

	2021 ARKANSAS FIRE PREVENTION CODE, VOL-II International Building Code 2021 with amendments		
CODE ITEM	**Reference**	**Allowed**	**Provided**
OCCUPANCY CLASSIFICATION	S-2	X	**X**
CONSTRUCTION CLASSIFICATION	TABLE 601		**TYPE II-B****

BUILDING REQUIREMENTS

BUILDING HEIGHT (FEET)	TABLE 504.3	NS 55 FT	**NS 32'-0" FT**
BUILDING HEIGHT (STORIES)	TABLE 504.4	3	**1**
BUILDING AREA	TABLE 506.2	NS 17,500 SF	**3,942 SF**
		-	-

FIRE RESISTANCE RATING REQUIREMENTS

STRUCTURAL FRAME		0 HR	**0 HR**
EXTERIOR NON-BEARING WALLS	FIRE RESISTANCE UNCHANGED		
NORTH		0 HR	**0 HR**
EAST		0 HR	**0 HR**
SOUTH		0 HR	**0 HR**
WEST		0 HR	**0 HR**
INTERIOR NON-BEARING WALL	TABLES 601 & 602	0 HR	**0 HR**
FLOOR CONSTRUCTION		0 HR	**0 HR**
ROOF CONSTRUCTION		0 HR	**0 HR**
SHAFT ENCLOSURES	713		**NONE**
OPENING PROTECTIVES	716.1		**NONE**
INTERIOR FINISH	803.13		**NONE**

EGRESS REQUIREMENTS

EGRESS PATH AND LEVEL OF PROTECTION IS UNCHANGED PER VRC 802.2
SIZES OF EXISTING EGRESS COMPONENTS, PER VCC, ARE PROVIDED FOR INFORMATION ONLY.

CALCULATED OCCUPANT LOAD

	(a)	(b)	(c= a/b)
USE GROUP OR SPACE DESCRIPTION	**AREA SF**	**LOAD FACTOR TABLE 1004.5**	**OCCUPANT LOAD**
S-2	17,500 SF	300 GROSS	**58**
-	-	-	-

EGRESS WIDTH PER OCCUPANT

	Capacity Factor		Calculated		Allowed		Provided	
USE GROUP OR SPACE DESCRIPTION	**(d) STAIR 1005.3.1**	**(e) DOOR 1005.3.2**	**(c*d) STAIR CALC**	**(c*e) DOOR CALC**	**STAIR 1011**	**DOOR 1010**	**STAIR CLEAR WIDTH**	**DOOR CLEAR WIDTH**
S-2	0.3	0.2	17.4"	11.6"	36"	32"	36"	40"

MINIMUM EGRESS WIDTH AND TRAVEL DISTANCE

	Reference	Allowed	Provided
MINIMUM CORRIDOR WIDTH (this is an equipment area)	TABLE 1020.2	36"	**48"**
MINIMUM WIDTH	VRC 602.2.2	X	**X**
EXIT ACCESS TRAVEL DISTANCE	TABLE 1017.2	NS 200'	**SEE LIFE SAFETY PLAN**
COMMON PATH OF TRAVEL/ SPACE WITH ONE EXIT	TABLE 1006.2.1	NS 75'	**SEE LIFE SAFETY PLAN**
DEAD END CORRIDOR DISTANCE	1020.4	20'	**NONE**

LIFE SAFETY SYSTEMS

EMERGENCY LIGHTING	1008	REQUIRED	**PROVIDED**
EXIT SIGNS	1013	REQUIRED	**PROVIDED**
AUTOMATIC SPRINKLERS	903	NOT REQUIRED	**NONE**
FIRE ALARM	907	NOT REQUIRED	**NONE**
SMOKE DETECTION	907	NOT REQUIRED	**NONE**
PANIC HARDWARE	1010.1.10	REQUIRED	**YES**
FIRE EXTINGUISHERS	906	REQUIRED	**YES**
HAZARD CLASSIFICATION	906.3 NFPA 10: 5.4	LIGHT HAZARD 10,000 SF	LIGHT HAZARD
FIRE EXTINGUISHER- DRY CHEMICAL	906.3	10 LB 2A: 40BC	**10 LB 4A: 60BC**
TRAVEL DISTANCE		75 FT	74'-3" FT
FLOOR AREA PER EXTINGUISHER		3,000 SF	1,970 SF
FIRE EXTINGUISHER- CARBON DIOXIDE		-	-
TRAVEL DISTANCE		-	-
FLOOR AREA PER EXTINGUISHER		-	-
LIFE SAFETY NOTES			

PLUMBING FIXTURES

PLUMBING FIXTURES ARE NOT PROVIDED SINCE THIS IS A PROCESS BLDG. AND IS NOT MEANT FOR HUMAN HABITATION. OTHER BUILDINGS ON THE SITE PROVIDE RESTROOM FACILITIES.

STRUCTURAL AND SEISMIC DESIGN LOADS

STRUCTURAL, INCLUDING SEISMIC AND WIND LOADS, SEE DRAWING ###

ENERGY CODE REQUIREMENTS 2021 ARKANSAS FIRE PREVENTION CODE, VOL. II- BUILDING, 2021 IECC

PRESCRIPTIVE COMPLIANCE PATH

THIS BUILDING IS NOT MEANT FOR HUMAN HABITATION AND WILL ONLY BE HEATED TO KEEP EQUIPMENT FROM FREEZING BELOW INFORMATION IS FOR REFERENCE ONLY

CODE ITEM	Cont. R-Value	Max. U-Factor	Solar Heat Gain Coefficient SHGC*	NOTES
LITTLE ROCK, ARKANSAS (PULASKI COUNTY)	**CLIMATE ZONE 3A**			
TABLES C402.1.3 AND C402.1.4 OPAQUE THERMAL ENVELOPE ASSEMBLY REQUIREMENTS				
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	TABLE C402.3 SOLAR REFLECTANCE INDEX CLIMATE ZONES 0-3: SRI 55
MASS WALLS – EXT. BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
SWINGING DOOR	N/A	**U-0.37**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
GARAGE DOOR WITH <14%-25% GLAZING	N/A	**U-0.31**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.40 CFM/SF
TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS				
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =0.39 **FENESTRATION AREA= <40% SF. PER C402.4.1** TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
SKYLIGHTS, METAL FRAME	N/A	N/A	0.30	NO SKYLIGHTS IN PROJECT

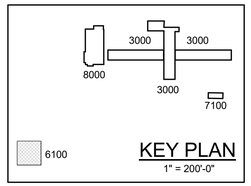
ENERGY CODE REQUIREMENTS 2021 ARKANSAS FIRE PREVENTION CODE, VOLUME II- BUILDING

CODE ITEM	Cont. R-Value	Proposed U-Factor	Solar Heat Gain Coefficient SHGC	NOTES
THE PROPOSED ENVELOPE SYSTEMS HAVE BEEN DESIGNED TO MEET THE ASHRAE 90.1 (2017) STANDARD REQUIREMENTS IN COMCHECK VERSION 4.1.5.5 (OR COMCHECK-WEB)				
LITTLE ROCK, ARKANSAS	**CLIMATE ZONE 3A**			
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	TABLE C402.3 SOLAR REFLECTANCE INDEX= 0.75
SKYLIGHTS, METAL FRAME, THERMALLY BROKEN PLASTIC WITH CURB (KALWALL)	N/A	N/A	N/A	NO SKYLIGHTS IN PROJECT
EXTERIOR BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
BASEMENT WALL, SOLID CONCRETE 12" THICK, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =0.39 FENESTRATION AREA= N/A UNCHANGED
DOORS, SWINGING	N/A	**U-0.37**	N/A	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =N/A UNCHANGED
DOORS, ROLLING OVERHEAD	N/A	**U-0.31**	N/A	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =N/A
UNHEATED SLAB ON GRADE	N/A	**F – 0.73**	N/A	

* N indicates vertical fenestration oriented within 45 degrees of true north. "SEW" indicates orientations other than "N".

LEGEND:

	FIRST AID CABINET		1 HR RATED WALL
FE	FIRE EXTINGUISHER - DRY CHEMICAL		2 HR RATED WALL
CO_2	FIRE EXTINGUISHER - CARBON DIOXIDE	EW	EYE WASH
	EXIT LIGHT SIGN	EXIT	EXIT / ENTRANCE
PANIC	PROVIDE PANIC HARDWARE		DIRECTION OF TRAVEL / TRAVEL DISTANCE
			MOST REMOTE POINT



KEY PLAN
1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 – 1/2" – 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

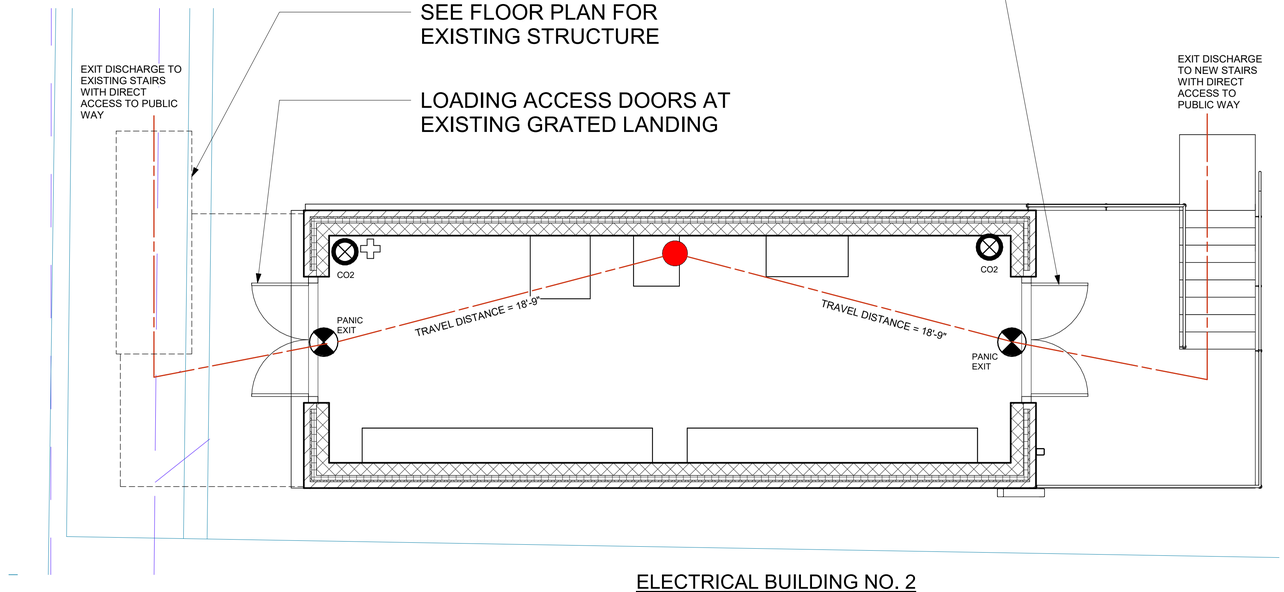
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
CODE SUMMARY AND LIFE SAFETY PLAN - BULK CHEM

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0009

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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ELECTRICAL BUILDING NO. 2

1/4" = 1'-0"

BUILDING CODE ANALYSIS- ARKANSAS
2021 INTERNATIONAL BUILDING CODE (IBC)
SUMMARY OF WORK – ELECTRICAL BLDG NO 2

THIS BUILDING IS A PROCESS BUILDING AT THE JACK WILSON WATER TREATMENT FACILITY IN LITTLE ROCK, ARKANSAS, AND IS NOT MEANT FOR REGULAR HUMAN HABITATION. EMPLOYEE ACCESS IS FOR SERVICE AND MONITOR ONLY.

- NEW BUILDING ELEMENTS
  - BRICK AND CMU EXTERIOR WALLS
  - EXTERIOR HOLLOW METAL DOORS
  - BUILT-UP BITUMINOUS ROOFING SYSTEM
- EQUIPMENT
  - EQUIPMENT PADS
  - ELECTRICAL
- FINISHES
  - NEW WALL PAINT
  - NEW LIGHTING
  - NEW FLOOR COATING

OCCUPANCY AND CONSTRUCTION CLASSIFICATION

	2021 ARKANSAS FIRE PREVENTION CODE, VOL-II International Building Code 2021 with amendments		
CODE ITEM	**Reference**	**Allowed**	**Provided**
OCCUPANCY CLASSIFICATION	X	X	X
CONSTRUCTION CLASSIFICATION	TABLE 601		**TYPE II-B****
BUILDING REQUIREMENTS			
BUILDING HEIGHT (FEET)	TABLE 504.3	NS 40 FT	**NS 15'-4" FT**
BUILDING HEIGHT (STORIES)	TABLE 504.4	3	**1**
BUILDING AREA	TABLE 506.2	NS 19,000 SF	**432 SF**
		-	-
		-	-
FIRE RESISTANCE RATING REQUIREMENTS			
STRUCTURAL FRAME		0 HR	**0 HR**
EXTERIOR NON-BEARING WALLS			
NORTH	FIRE RESISTANCE UNCHANGED	0 HR	**0 HR**
EAST		0 HR	**0 HR**
SOUTH		0 HR	**0 HR**
WEST	TABLES 601 & 602	0 HR	**0 HR**
INTERIOR NON-BEARING WALL		0 HR	**0 HR**
FLOOR CONSTRUCTION		0 HR	**0 HR**
ROOF CONSTRUCTION		0 HR	**0 HR**
SHAFT ENCLOSURES	713		**NONE**
OPENING PROTECTIVES	716.1		**NONE**
INTERIOR FINISH	803.13		**NONE**

EGRESS REQUIREMENTS

EGRESS PATH AND LEVEL OF PROTECTION IS UNCHANGED PER VRC 602.2.
SIZES OF EXISTING EGRESS COMPONENTS, PER VCC, ARE PROVIDED FOR INFORMATION ONLY.

CALCULATED OCCUPANT LOAD

USE GROUP OR SPACE DESCRIPTION	**(a) AREA SF**	**(b) LOAD FACTOR TABLE 1004.5**	**(c= a/b) OCCUPANT LOAD**
F-1 FACTORY- INDUSTRIAL	432 SF	100 GROSS	**5**
-	-	-	**-**

EGRESS WIDTH PER OCCUPANT

USE GROUP OR SPACE DESCRIPTION	**Capacity Factor** (d) STAIR 1005.3.1	(e) DOOR 1005.3.2	**Calculated** (c*d) STAIR CALC	(c*e) DOOR CALC	**Allowed** STAIR 1011	DOOR 1010	**Provided** STAIR CLEAR WIDTH	DOOR CLEAR WIDTH
F-1 FACTORY-INDUSTRIAL	0.3	0.2	1.5	1	36"	32"	68"	34"
-	-	-	-	-	-	-	-	-

MINIMUM EGRESS WIDTH AND TRAVEL DISTANCE

	Reference	Allowed	Provided
MINIMUM CORRIDOR WIDTH (this is an equipment area)	TABLE 1020.2	36"	**N/A**
MINIMUM WIDTH	VRC 602.2.2	X	**X**
EXIT ACCESS TRAVEL DISTANCE	TABLE 1017.2	NS 200'	**SEE LIFE SAFETY PLAN**
COMMON PATH OF TRAVEL/ SPACE WITH ONE EXIT	TABLE 1006.2.1	NS 75'	**SEE LIFE SAFETY PLAN**
DEAD END CORRIDOR DISTANCE	1020.4	20'	**NONE**

LIFE SAFETY SYSTEMS

EMERGENCY LIGHTING	1008	REQUIRED	**PROVIDED**
EXIT SIGNS	1013	REQUIRED	**PROVIDED**
AUTOMATIC SPRINKLERS	903	NOT REQUIRED	**NONE**
FIRE ALARM	907	NOT REQUIRED	**NONE**
SMOKE DETECTION	907	NOT REQUIRED	**NONE**
PANIC HARDWARE	1010.1.10	REQUIRED	**YES**
FIRE EXTINGUISHERS	906	REQUIRED	**YES**
HAZARD CLASSIFICATION	906.3 NFPA 10: 5.4	LIGHT HAZARD 1/3,000 SF	LIGHT HAZARD
FIRE EXTINGUISHER: DRY CHEMICAL	906.3	10 LB 2A: 40BC	**10 LB 4A: 60BC**
TRAVEL DISTANCE		75 FT	18'-9" FT
FLOOR AREA PER EXTINGUISHER		3,000 SF	432 SF
FIRE EXTINGUISHER: CARBON DIOXIDE		-	-
TRAVEL DISTANCE		-	-
FLOOR AREA PER EXTINGUISHER		-	-
LIFE SAFETY NOTES	-		

PLUMBING FIXTURES

PLUMBING FIXTURES ARE NOT PROVIDED SINCE THIS IS A PROCESS BLDG. AND IS NOT MEANT FOR HUMAN HABITATION. OTHER BUILDINGS ON THE SITE PROVIDE RESTROOM FACILITIES.

STRUCTURAL AND SEISMIC DESIGN LOADS

STRUCTURAL, INCLUDING SEISMIC AND WIND LOADS, SEE DRAWING S7100

ENERGY CODE REQUIREMENTS
2021 ARKANSAS FIRE PREVENTION CODE, VOL. II- BUILDING, 2021 IECC

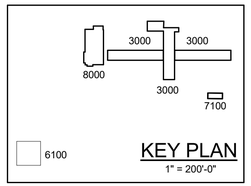
PRESCRIPTIVE COMPLIANCE PATH

THIS BUILDING IS NOT MEANT FOR HUMAN HABITATION AND WILL ONLY BE HEATED TO KEEP EQUIPMENT FROM FREEZING
BELOW INFORMATION IS FOR REFERENCE ONLY

CODE ITEM	**Cont. R-Value**	**Max. U-Factor**	**Solar Heat Gain Coefficient SHGC***	**NOTES**
LITTLE ROCK, ARKANSAS (PULASKI COUNTY)	**CLIMATE ZONE 3A**			
TABLES C402.1.3 AND C402.1.4 OPAQUE THERMAL ENVELOPE ASSEMBLY REQUIREMENTS				
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	TABLE C402.3 SOLAR REFLECTANCE INDEX CLIMATE ZONES 0-3: SRI 55
MASS WALLS – EXT. BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
SWINGING DOOR	N/A	**U-0.37**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
GARAGE DOOR WITH <14%-25% GLAZING	N/A	**U-0.31**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.40 CFM/SF
TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS				
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =0.39 FENESTRATION AREA= N/A <40% SF, PER C402.4.1 TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
SKYLIGHTS, METAL FRAME	N/A	N/A	0.30	NO SKYLIGHTS IN PROJECT

LEGEND:

	FIRST AID CABINET		1 HR RATED WALL
FE	FIRE EXTINGUISHER - DRY CHEMICAL		2 HR RATED WALL
CO_2	FIRE EXTINGUISHER - CARBON DIOXIDE	EW	EYE WASH
	EXIT LIGHT SIGN	EXIT	EXIT / ENTRANCE
PANIC	PROVIDE PANIC HARDWARE		DIRECTION OF TRAVEL / TRAVEL DISTANCE
			MOST REMOTE POINT



KEY PLAN

1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

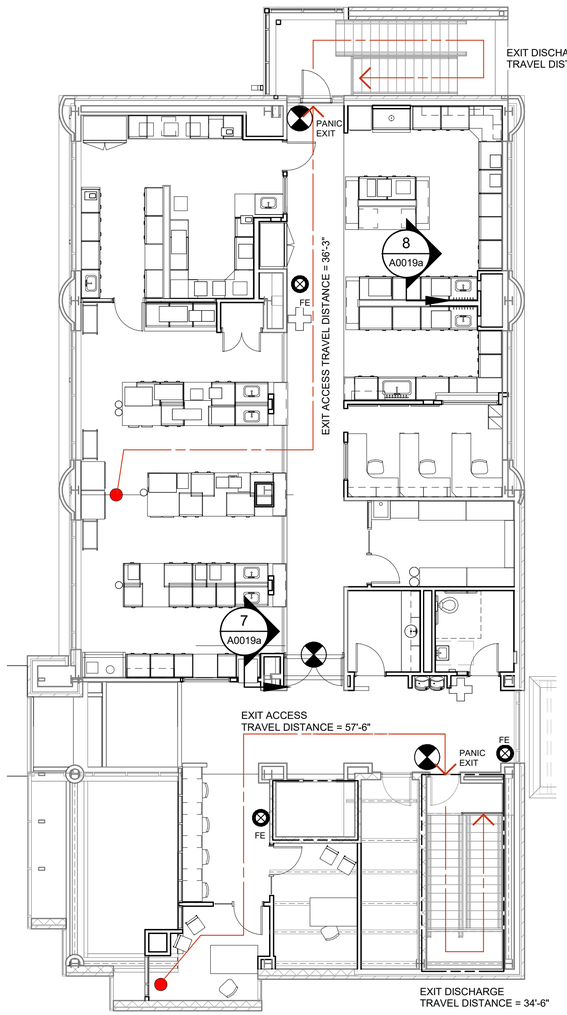
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
CODE SUMMARY AND LIFE SAFETY PLAN -
ELECTRICAL BUILDING NO. 2

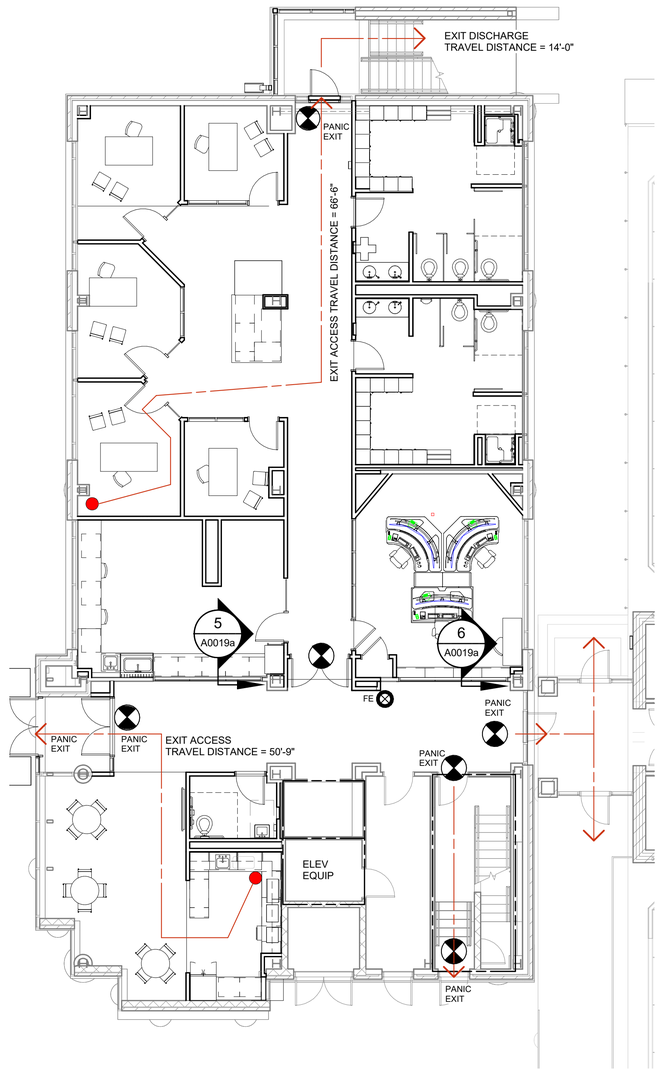
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0010

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LIFE SAFETY PLAN - ADMIN BLDG, 2ND FL

1/8" = 1'-0"



LIFE SAFETY PLAN - ADMIN BLDG, 1ST FL

1/8" = 1'-0"

BUILDING CODE ANALYSIS- ARKANSAS
2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

SUMMARY OF WORK – 8000 ADMINISTRATION BUILDING

- **CH 6 ALTERATION LEVEL 2**
  - BUILDING ELEMENT REPLACEMENT
    - EXTERIOR DOOR
    - EXTERIOR LOUVERS AND DAMPERS
    - ROOF MOUNTED EXHAUST FANS
    - UNIT HEATERS
    - INTERIOR WALLS
  - EQUIPMENT REPLACEMENT
    - PIPING AND VALVES
    - PUMPS AND MOTORS
    - EQUIPMENT PADS
  - FINISHES
    - INTERIOR CLEANING
    - INTERIOR PIPE/ EQUIPMENT COATING

LEVEL OF ALTERATION/ REHABILITATION

	2021 INTERNATIONAL EXISTING BUILDING CODE		
CODE ITEM	**Reference**	**Allowed**	**Provided ***
ALTERATION TO EXISTING BUILDING	601.2.1	LEVEL 2	**LEVEL 2**

OCCUPANCY AND CONSTRUCTION CLASSIFICATION

	2021 ARKANSAS FIRE PREVENTION CODE, VOL-II International Building Code 2021 with amendments		
CODE ITEM	**Reference**	**Allowed**	**Provided**
OCCUPANCY CLASSIFICATION	306.3	EXISTING UNCHANGED	**B** Business
CONSTRUCTION CLASSIFICATION	TABLE 601	EXISTING UNCHANGED	**TYPE II-B****

BUILDING REQUIREMENTS

BUILDING HEIGHT (FEET)	TABLE 504.3	NS 40 FT	**NS 39 FT**
BUILDING HEIGHT (STORIES)	TABLE 504.4	3	**2**
BUILDING AREA	TABLE 506.2	NS 19,000 SF	**NS 8,288 SF**
ENTRY LOBBY, OFFICES, AND LOCKER ROOMS – GROUND FLOOR			4,432 SF
LABORATORIES AND OFFICES – SECOND FLOOR			3,856 SF

FIRE RESISTANCE RATING REQUIREMENTS
2021 ARKANSAS FIRE PREVENTION CODE, VOL. II- BUILDING

STRUCTURAL FRAME	FIRE RESISTANCE UNCHANGED TABLES 601 & 602	0 HR	**0 HR**
EXTERIOR NON-BEARING WALLS			
NORTH		0 HR	**39 FT, 0 HR**
EAST		0 HR	**39 FT, 0 HR**
SOUTH		0 HR	**39 FT, 0 HR**
WEST		0 HR	**39 FT, 0 HR**
INTERIOR NON-BEARING WALL		0 HR	**0 HR**
FLOOR CONSTRUCTION		0 HR	**0 HR**
ROOF CONSTRUCTION		0 HR	**0 HR**
SHAFT ENCLOSURES	713		**NONE**
OPENING PROTECTIVES	716.1		**NONE**
INTERIOR FINISH	803.13		**NONE**

EGRESS REQUIREMENTS

EGRESS PATH AND LEVEL OF PROTECTION IS UNCHANGED PER VRC 602.2.
SIZES OF EXISTING EGRESS COMPONENTS, PER VCC, ARE PROVIDED FOR INFORMATION ONLY.

CALCULATED OCCUPANT LOAD

	(a)	(b)	(c= a/b)
USE GROUP OR SPACE DESCRIPTION	**AREA SF**	**LOAD FACTOR TABLE 1004.5**	**OCCUPANT LOAD**
B GROUND FLOOR – ENTRY LOBBY, OFFICES, AND LOCKER ROOMS	4,432 SF	150 GROSS	**30 UNCHANGED**
B SECOND FLOOR – LABORATORIES AND OFFICES	3,856 SF	150 GROSS	**26**

EGRESS WIDTH PER OCCUPANT

	Capacity Factor		Calculated		Allowed		Provided	
USE GROUP OR SPACE DESCRIPTION	**(d) STAIR 1005.3.1**	**(e) DOOR 1005.3.2**	**(c'd) STAIR CALC**	**(c'e) DOOR CALC**	**STAIR 1011**	**DOOR 1010**	**STAIR CLEAR WIDTH**	**DOOR CLEAR WIDTH**
B GROUND FLOOR	0.3	0.2	9"	6"	36"	32"	NO CHANGE	NO CHANGE
B SECOND FLOOR	0.3	0.2	9"	6"	36"	32"	NO CHANGE	NO CHANGE

MINIMUM EGRESS WIDTH AND TRAVEL DISTANCE

	Reference	Allowed	Provided
MINIMUM CORRIDOR WIDTH	TABLE 1020.2	36"	**UNCHANGED**
MINIMUM EQUIPMENT ACCESS WIDTH	TABLE 1020.2	24"	**UNCHANGED**
MINIMUM WIDTH - EXISTING BUILDINGS	VRC 602.2.2	MAINTAIN LEVEL OF PROTECTION	**MAINTAINED**
EXIT ACCESS TRAVEL DISTANCE	TABLE 1017.2	NS 200'	**UNCHANGED**
COMMON PATH OF TRAVEL/ SPACE WITH ONE EXIT	TABLE 1006.2.1	NS 75'	**UNCHANGED**
DEAD END CORRIDOR DISTANCE	1020.4	20'	**UNCHANGED**

* EXISTING BUILDING VALUES ARE LABELED # X
** NO CHANGE TO OCCUPANCY OR CONSTRUCTION CLASSIFICATION.

LIFE SAFETY SYSTEMS

EMERGENCY LIGHTING	1008	MAINTAINED	**MAINTAINED**
EXIT SIGNS	1013	MAINTAINED	**MAINTAINED**
AUTOMATIC SPRINKLERS	903	NOT REQUIRED	**NONE**
FIRE ALARM	907	NOT REQUIRED	**NONE**
SMOKE DETECTION	907	NOT REQUIRED	**NONE**
PANIC HARDWARE	1010.1.10	REQUIRED	**YES**
FIRE EXTINGUISHERS	906	REQUIRED	**YES**
HAZARD CLASSIFICATION	906.3 NFPA 10: 5.4	LIGHT HAZARD 1/3,000 SF	LIGHT HAZARD
FIRE EXTINGUISHER- DRY CHEMICAL	906.3	10 LB 2A: 40BC	**10 LB 4A: 60BC**
TRAVEL DISTANCE		75 FT	50 FT MAX
FLOOR AREA PER EXTINGUISHER		3,000 SF	2,000 SF
FIRE EXTINGUISHER- CARBON DIOXIDE		-	-
TRAVEL DISTANCE		-	-
FLOOR AREA PER EXTINGUISHER		-	-
LIFE SAFETY NOTES	-	-	-

PLUMBING FIXTURES

PLUMBING FIXTURES ARE PROVIDED ON FIRST AND SECOND FLOORS.
3 WATER CLOSEST, 2 LAVATORIES IN THE FEMALE AND 2 WATER CLOSETS, 1 URINAL, AND 2 LAVATORIES IN THE MALE FACILITIES ON THE FIRST FLOOR. 1 HIGH/LOW WATER FOUNTAIN PROVIDED ON SECOND FLOOR. 1 UNISEX TOILET AND 1 LAVATORY PROVIDED ON THE SECOND FLOOR.

STRUCTURAL AND SEISMIC DESIGN LOADS

STRUCTURAL, INCLUDING SEISMIC AND WIND LOADS, SEE STRUCTURAL DRAWINGS

ENERGY CODE REQUIREMENTS
2014 ARKANSAS ENERGY CODE, BASED ON 2018 IECC

PRESCRIPTIVE COMPLIANCE PATH

CODE ITEM	Cont. R-Value	Max. U-Factor	Solar Heat Gain Coefficient SHGC*	NOTES
LITTLE ROCK, ARKANSAS (PULASKI COUNTY)	**CLIMATE ZONE 3A**			
TABLES C402.1.3 AND C402.1.4 OPAQUE THERMAL ENVELOPE ASSEMBLY REQUIREMENTS				
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	TABLE C402.3 SOLAR REFLECTANCE INDEX CLIMATE ZONES 0-3: SRI 55
MASS WALLS – EXT, BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
SWINGING DOOR	N/A	**U-0.37**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
GARAGE DOOR WITH <14%-25% GLAZING	N/A	**U-0.31**	N/A	TABLE C402.5.4 MAX AIR LEAKAGE: 0.40 CFM/SF
TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS				
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =0.39 FENESTRATION AREA= <40% SF, PER C402.4.1 TABLE C402.5.4 MAX AIR LEAKAGE: 0.20 CFM/SF
SKYLIGHTS, METAL FRAME	N/A	N/A	0.30	NO SKYLIGHTS IN PROJECT

ENERGY CODE REQUIREMENTS
2021 ARKANSAS FIRE PREVENTION CODE, VOLUME II- BUILDING

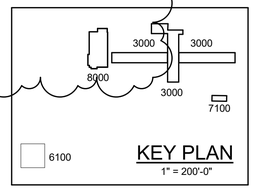
THE PROPOSED ENVELOPE SYSTEMS HAVE BEEN DESIGNED TO MEET THE ASHRAE 90.1 (2017) STANDARD REQUIREMENTS IN COMCHECK VERSION 4.1.5.5 (OR COMCHECK-WEB)

CODE ITEM	Cont. R-Value	Proposed U-Factor	Solar Heat Gain Coefficient SHGC	NOTES
LITTLE ROCK, ARKANSAS	**CLIMATE ZONE 3A**			
ROOF, INSULATION ENTIRELY ABOVE DECK	R-25ci	**U-0.039**	N/A	TABLE C402.3 SOLAR REFLECTANCE INDEX= 0.75
SKYLIGHTS, METAL FRAME; THERMALLY BROKEN PLASTIC WITH CURB (KALWALL)	N/A	N/A	N/A	NO SKYLIGHTS IN PROJECT
EXTERIOR BLOCK WALLS 8" THICK, PARTIALLY GROUTED, CELLS INSULATED, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
BASEMENT WALL, SOLID CONCRETE 12" THICK, NORMAL DENSITY, NO FURRING	R-7.6 ci	**U-0.123**	N/A	
WINDOW, METAL FRAME, FIXED	N/A	**U-0.42**	0.25	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =0.39 FENESTRATION AREA= 43 SF
DOORS, SWINGING	N/A	**U-0.37**	N/A	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =N/A
DOORS, ROLLING OVERHEAD	N/A	**U-0.31**	N/A	PROJECTION FACTOR= N/A VISIBLE TRANSMITTANCE (VT) =N/A
UNHEATED SLAB ON GRADE	N/A	**F – 0.73**	N/A	

* N indicates vertical fenestration oriented within 45 degrees of true north. "SEW" indicates orientations other than "N".

LEGEND:

	FIRST AID CABINET		1 HR RATED WALL
FE	FIRE EXTINGUISHER - DRY CHEMICAL		2 HR RATED WALL
CO_2	FIRE EXTINGUISHER - CARBON DIOXIDE	EW	EYE WASH
	EXIT LIGHT SIGN	EXIT	EXIT / ENTRANCE
PANIC	PROVIDE PANIC HARDWARE		DIRECTION OF TRAVEL / TRAVEL DISTANCE
			MOST REMOTE POINT



KEY PLAN

1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-202 6	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	W. RUSSELL
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
CODE SUMMARY AND LIFE SAFETY PLAN - ADMINISTRATIVE BLDG

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0011

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ROOM FINISH SCHEDULE

NO.	DESCRIPTION	FLOOR		WALL BASE		WALL-NORTH		WALL-EAST		WALL-SOUTH		WALL-WEST		CEILING			REMARKS
		SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	HEIGHT	
3000 - FILTER BUILDING																	
3002	STAIR NO.2	CONC	FS	CMU	PT	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	PT	47' - 0"	
3003	ELEVATOR	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	47' - 0"	MAINTAIN 9'-0" CLEARANCE
3010	FINISHED WATER CHEMICALS FEED	CONC	EFC	CONC	EFC - 6"	CONC	PT	CONC	PT	CONC	PT	CONC	PT	ES	--	12' - 6"	
3011	ELECTRICAL ROOM	CONC	EFC	CONC	EFC - 6"	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	--	8' - 0"	
3012	DOCK	CONC	EX	CONC	-	-	-	CONC	QT	CONC	QT	CONC	QT	ES	-	8' - 0"	
3013	CORRIDOR	CONC	FS	CONC	RWB	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	-	8' - 0"	
3014	STORAGE	CONC	FS	CONC	RWB	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	--	8' - 0"	
3016	MECHANICAL	CONC	EX	CONC	-	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	--	8' - 0"	
3017	FLOURIDE FEED RM		HPC	CMU	EFC - 6"	CMU	PT		PT		PT		PT	ES		8' - 0"	
3018	ZOP FEED RM		HPC	CMU	EFC - 6"	CMU	PT		PT		PT		PT	ES		8' - 0"	
3020	ELECTRICAL ROOM	CONC	EFC	CMU	EFC - 6"	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	PT	12' - 0"	
3021	STORAGE	CONC	FS	EX	RWB	EX	PT	EX	PT	EX	PT	EX	PT	EX	ES	8' - 0"	
3022	SCADA/SERVER ROOM	MFR	12" RCF	CMU	-	CMU	PT	CMU	PT	CMU	PT	CMU	PT	EX	ES	9' - 0"	ADD 12" SUBFLOOR
3023	OFFICE	CONC	VCT	GWB	RWB	CMU	PT	CMU	PT	CMU	PT	CMU	PT	EX	ACT	8' - 0"	
3024	UTILITY	CONC	VCT	CMU	RWB	CMU	PT	CMU	PT	CMU	PT	CMU	PT	EX	ACT	8' - 0"	
3025	OFFICE	CONC	VCT	CMU	RWB	CMU	PT	CMU	PT	CMU	PT	CMU	PT	EX	ACT	8' - 0"	
3026	STORAGE	EX	VCT	CMU	RWB	CMU	PT	CMU	PT	CMU	PT	CMU	PT	EX	ACT	9' - 0"	
3027	CORRIDOR	CONC	CS	CMU	EX	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	ACT	9' - 0"	SEE ELEVATION FOR WALL GRAPHICS
3028	PPE LOCKERS	EX	VCT	CMU	RWB	EX	EGB	EX	EGB	EX	EGB	EX	EGB	EX	CGB	8' - 0"	NEW PPE LOCKERS
3029	MEN	EX	CT1	EX	EGB	EX	EGB	EX	EGB	EX	EGB	EX	EGB	EX	CGB	8' - 0"	NEW TOILET PARTITIONS AND FROSTED FILM ON WINDOWS
3029a	STORAGE	EX	CT1		EGB	EX	EGB	EX	EGB	EX	EGB	EX	EGB	ES	CGB	8' - 0"	
3030	WOMEN	EX	CT1	CMU	EGB	EX	EGB	EX	EGB	EX	EGB	EX	EGB	EX	ACT	9' - 0"	NEW TOILET PARTITIONS AND FROSTED FILM ON WINDOWS
3031	JANITOR	EX	VCT	EX	RWB	EX	PT	EX	PT	EX	PT	EX	PT	EX	ES	9' - 0"	
3032	MECH RM	EX	FS	EX	RWB	EX	PT	EX	PT	EX	PT	EX	PT	EX	ES	9' - 0"	
3040	SMALL CONFERENCE	CONC	CPT	GWB	RWB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	ES	ACT	9' - 6"	
3041	OFFICE	EX	CPT			GWB	PT	GWB	PT	GWB	PT	GWB	PT		ACT	8' - 0"	
3042	STORAGE / JAN	CONC	VCT	GWB	RWB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	ES	ACT	8' - 0"	
3043	MECH															8' - 0"	
3044	FILTER CONTROL ROOM WEST GALLERY	CONC	LVT-MAF	EX	RWB	BRK	CS	BRK	CS	BRK	CS	BRK	CS	ES	ABP	8' - 0"	
3050	FILTER CONTROL ROOM EAST GALLERY	CONC	EX	EX	RWB	BRK	CS	BRK	CS	BRK	CS	BRK	CS	ES	--	8' - 0"	
6100 - BULK CHEMICAL BUILDING																	
6140	ALUM STORAGE	CONC	CS	CMU	-	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	--	30' - 0"	
6141	ALUM STORAGE	CONC	EFC	CMU	EFC - 6'	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	PT	29' - 0"	
6142	ELECTRICAL ROOM	CONC	EFC	CMU	EFC - 6'	CMU	PT	CMU	PT	CMU	PT	CMU	PT	CGB	PT	9' - 0"	
6143	ZOP STORAGE	CONC	EFC		EFC - 6'	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	PT	29' - 2 9/128"	
6144	LIME FEED PUMP AREA	CONC	EFC		EFC - 6'	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	PT	12' - 0"	
7100 - ELECTRICAL BUILDING NO. 2																	
7100	ELECTRICAL ROOM		EFC		EFC - 6'		PT		PT		PT		PT		PT	12' - 0"	
8000 - ADMIN BUILDING																	
8001	ENTRY VESTIBULE	CONC	ETT	EX	RWB	GWB	PT	GWB	SF / PT	GWB	SF / PT		SF	ES	ACT	26' - 8"	
8002	CORRIDOR 1	CONC	ETT	GWB	RWB	GWB	SF	CMU	PT	GWB	SF	CONC	PT	ES	ACT	9' - 0"	
8003	LOBBY	CONC	ETT	GWB	RWB	CMU	PT	CMU	PT	GWB	SF	GL	SF	ES	TBD	9' - 0"	
8004	BREAKROOM															12' - 0"	
8005	UNISEX	CONC	CT1	GWB	CT1	GWB	CT2	GWB	CT2	GWB	CT2	GWB	CT2	ES	CGB	9' - 0"	
8006	ELEVATOR	EX	LVT-MAF	EX	RWB		EX		EX		EX		EX		N/A	30' - 0"	
8007	SERVICE AND STOCK ROOM	CONC	LVT-MAF	CONC	RWB	CMU	PT	CMU	PT	CMU	PT	CMU	PT	ES	ACT	9' - 0"	
8008	CONTROL ROOM	CONC	LVT-MAF	CONC	RWB	GWB	PT	GWB	PT / SF	GWB	PT	GWB	PT / SF	ES	ACT	11' - 3"	
8009	MENS LOCKER	CONC	CT-1	GWB	CT	GWB	CT2	GWB	CT2	GWB	CT2	GWB	CT2	ES	CGB	9' - 0"	
8010	TOILET	CONC	CT1	GWB	RWB	GWB	CT2	GWB	CT2	GWB	CT2	GWB	CT2	ES	CGB	0' - 0"	
8011	WOMENS LOCKER	CONC	CT-1	GWB	RWB	GWB	CT2	GWB	CT2	GWB	CT2	GWB	CT2	ES	CGB	9' - 0"	
8012	TOILET	CONC	CT-1	GWB	RWB	GWB	CT2	GWB	CT2	GWB	CT2	GWB	CT2	ES	CGB	0' - 0"	
8013	OFFICE	CONC	CPT	GWB	RWB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	ES	ACT	9' - 0"	
8014	OFFICE	CONC	CPT	GWB	RWB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	ES	ACT	9' - 0"	
8015	OFFICE	CONC	CPT	GWB	RWB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	ES	ACT	9' - 0"	
8016	OFFICE	CONC	CPT	GWB	RWB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	ES	ACT	9' - 0"	
8017	OFFICE	CONC	CPT	GWB	RWB	GWB	PT	GWB	PT	GWB	PT	GWB	PT	ES	ACT	9' - 0"	
8018	STAIR 2	CONC	FS	EX	EX		SF		OPEN		EX		SF		ES	30' - 0"	ENCLOSE LANDING
8019	STORAGE				RWB		PT		PT		PT		PT			8' - 0"	
8020	CORRIDOR 2	CONC	ETT	GWB	RWB		SF	GWB	PT	GWB	PT	GWB	PT	ES	ACT	9' - 0"	
8021	DAY LAB	CONC	ETT	GWB	RWB	GWB	HPL	GWB	HPL	GWB	HPL	GWB	HPL	ES	ACT-VINYL COATED	9' - 0"	
8030	CORRIDOR 4	CONC	SRF	GWB	RWB	EX	SF	GWB	PT	GWB	PT	GWB	PT	ES	CGB	9' - 0"	
8031	CORRIDOR 3	CONC	ETT			GWB	PT		SF	GWB	PT		PT	ES	ACT	9' - 0"	
8032	OFFICE	CONC	CPT	GWB	RWB	GWB	PT	GWB	PT	EX	PT	GWB	PT	ES	ACT	9' - 0"	
8033	CC OFFICE	CONC	CPT	GWB	RWB	EX	PT	EX	PT	EX	PT	GWB	PT	ES	ACT	9' - 0"	
8034	WORKSTATIONS	CONC	ETT	CONC	RWB	CMU	PT	GWB	PT	CMU	PT		SF	ES		9' - 0"	
8035	STORAGE / ELECT	CONC	VCT	CONC	RWB	CMU	PT	CMU	PT	CMU	PT	GWB	PT	ES		9' - 0"	
8036	STAIR 1	EX	FS	EX	EX	EX	PT	EX	PT	EX	PT	EX	PT	EX	EX	30' - 0"	PAINT HANDRAILS
8037	UNISEX	CONC	CT1	CONC	CT1	GWB	CT2	GWB	CT2	GWB	CT2	GWB	CT2	ES	CGB	9' - 0"	
8038	WELLNESS ROOM	CONC	CPT	CONC	RWB	GWB	PT	GWB	PT	GWB	PT	GWB	PT		CGB	9' - 0"	
8039	UTILITY	CONC	SRF	GWB	RWB	GWB	PT	EX	PT	GWB	PT		SF	ES	ACT	9' - 0"	
8040	TECH OFFICE	CONC	SRF	GWB	RWB	GWB	PT	EX	PT	GWB	PT	GWB	PT	ES	ACT	9' - 0"	
8041	LAB	CONC	SRF	GWB	RWB	GWB	PT	EX	PT		OPEN	GWB	PT	ES	ACT-VINYL COATED	9' - 0"	
8042	LAB	CONC	SRF	GWB	RWB	EX	PT	EX	PT		OPEN	GWB	PT	ES	ACT-VINYL COATED	9' - 0"	
8043	MICRO	CONC	SRF	GWB	RWB	EX	PT	GWB	PT	GWB	PT	EX	PT	ES	ACT-VINYL COATED	9' - 0"	
8044	LAB	CONC	SRF	GWB	RWB		SF		OPEN		OPEN	EX	PT	ES	ACT-VINYL COATED	9' - 0"	
8045	LAB	CONC	SRF		RWB		OPEN		OPEN	GWB	PT	EX	PT	ES	ACT-VINYL COATED	9' - 0"	

ROOM FINISH LEGEND

ABP	ACOUSTIC BAFFLE PANELS	FRP	FIBERGLASS REINFORCED PANELS
ACT	ACOUSTICAL CEILING TILE	FS	FLOOR SEALER
BRK	EXISTING BRICK	GL	GLASS
CGB	CEILING GYPSUM BOARD	GWB	GYPSUM WALLBOARD
CL	CONTAINMENT LINER	HPC	HIGH PERFORMANCE COATING
CMU	EXISTING CONCRETE MASONRY UNITS	HPL	HIGH PRESSURE LAMINATE - TRESPA WALL PANELS
CPT	CARPET TILE	LVT-MAF	LUXURY VINYL TILE - MODULAR ACOUSTIC FLOORING
CONC	CONCRETE	SRF	SEAMLESS RESINOUS FLOORING
CS	CLEAR SEALANT	MFR	MANUFACTURER DEFAULT
CT1	CERAMIC TILE FLOORING	MB	METAL BUILDING
CT2	CERAMIC TILE WALL	PT	PAINT
EFC	EPOXY FLOOR COATING	QT	QUARRY TILE
ES	EXPOSED STRUCTURE	RWB	RUBBER WALL BASE
ETT	EPOXY TERRAZZO TILE	SF	STOREFRONT
EGB	EXISTING GLAZED BLOCK	VCT	VINYL COMPOSITE TILE
EX	EXISTING	RCF	RAISED COMPUTER FLOORING

ROOM FINISH SCHEDULE NOTES:

1. APPLY FLOOR FINISH OVER ENTIRE FLOOR AREA IN LAB BEFORE INSTALLING BASE CABINETRY.

BUILDING NAME LABELS :

PROVIDE 8" HIGH DARK BRONZE CAST ALUMINUM LETTERS

ADMINISTRATION BUILDING (PLANT EAST FACE - 2 LINES OF LETTERS)
FILTER BUILDING (PLANT NORTH FACE - 2 LINES OF LETTERS)
BULK CHEMICAL BUILDING (PLANT WEST FACE - 2 LINES OF LETTERS)
ELECTRICAL BUILDING (PLANT NORTH FACE - 2 LINES OF LETTERS)

APPLIANCE SCHEDULE

CONTROL ROOM

1. **REFRIGERATOR** - FRIGIDAIRE GALLERY 25.6 CU.FT. 36" STANDARD DEPTH SIDE BY SIDE. GRSS2652AF – FIN: STAINLESS STEEL - HEIGHT 69 7/8", WIDTH 36 1/8", DEPTH 35 7/8"
2. **UNDER COUNTER ICE MACHINE:** MANITOWOC ICE CUBE MACHINE – UCP0050 MODEL UCP0050A. 52 LBS./24HRS, 25 LBS. STORAGE. HEIGHT 33.5", WIDTH 14.75", DEPTH 22.75", 115/60/1
3. **OVEN/STOVE:** WHIRLPOOL 30-IN GLASS TOP 5 BURNERS 5.3 CU.FT. STEAM CLEANING FREESTANDING ELECTRIC RANGE. FINGERPRINT RESISTANT STAINLESS STEEL
   MODEL #: WFES3330RZ HEIGHT 47.875", WIDTH 30", DEPTH 27.75"
4. **DISHWASHER:** WHIRLPOOL ECO SERIES LARGE CAPACITY 24" TOP CONTROL BUILT-IN DISHWASHER WITH THIRD RACK, FINGERPRINT RESISTANT STAINLESS STEEL, VERY QUIET SOUND LEVEL 47-DBA.
   MODEL #: WDT750SAKZ
5. **MICROWAVE – COUNTER TOP:** WHIRLPOOL, 25" WIDE 2.2 CU.FT. 1200 WATT FINGERPRINT RESISTANT COUNTERTOP MICROWAVE WITH SENSOR COOKING AND STEAM CLEAN.
   MODEL #: UMCS5022RZ HEIGHT 15", WIDTH 25", DEPTH 20"
6. **UNDER CABINET RANGE HOOD:** BROAN 30-IN CONVERTIBLE 375-CFM STAINLESS STEEL.
   MODEL #:BCSQ130SS DUCTED, 3 SPEED, LED LIGHTS, DISHWASHER SAFE FILTERS.

WEST GALLERY

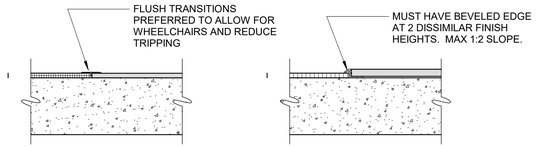
1. **UNDER COUNTER REFRIGERATOR**: WHIRLPOOL 5.1 CU.FT. BUILT-IN MINI FRIDGE – STAINLESS STEEL. MODEL #: WUR35X24HZ HEIGHT 35", WIDTH 22 ¾", DEPTH 24"

ADMIN. BUILDING LOBBY

1. **PASS THROUGH- UNDER COUNTER REFRIGERATOR:** PERLICK 36" PASS THRU BACK BAR REFRIGERATOR, SELF CONTAINED, 1 DOOR ON EACH SIDE, SWINGING DOOR, STAINLESS STEEL, 2" FOAMED-IN-PLACE INSULATION.
   MODEL #: PTS36 TEMPERATURE 38 DEGREES F. FLAT SHELVING. 120VAC/60HZ/1 PH, 5 YEAR COMPRESSOR WARRANTY

ADMIN. BUILDING 2ND FLOOR BREAKROOM

1. REFRIGERATOR (SAME AS ABOVE)
2. UNDER COUNTER ICE MACHINE (SAME AS ABOVE)
3. MICROWAVE – COUNTER TOP (SAME AS ABOVE)



TRANSITION STRIP

DETAIL 1 / A0012
1 1/2" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER: T. HUDSON
DESIGNED BY: H. VINEY
DRAWN BY: A. BLAHA
PROJECT ENGINEER: W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
SCHEDULE - ROOM FINISHES
AND APPLIANCE SCHEDULE

DATE: JULY 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: A0012

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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DOOR SCHEDULE

NO.	FRAME TYPE	FRAME MATL	DOOR TYPE	DOOR MATL	ACTIVE WIDTH	INACTIVE WIDTH	HEIGHT	THICKNESS	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	FIRE RATING	GLAZING TYPE	GLAZING SIZE	FINISH	HARDWARE NO	HARDWARE NOTE	THRESHOLD	REMARKS
8013	F-1	HM	F	HM	2' - 10"	0' - 0"	5' - 4"	1 3/4"				--	--	--	PT		--	--	
5 3000 - FILTER BUILDING																			
3001	F-1	HM	F&F	HM	3' - 0"	3' - 0"	9' - 2"	1 3/4"	01/A0015	01/A0015	01/A0015	1 HR	--	--	PT	10	14	AL	
3003	F-1	AL	FG	AL	3' - 0"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME
3004	F-1	AL	FG	AL	3' - 0"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME
3005	F-1	AL	FG	AL	3' - 0"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME
3006	F-1	AL	FG	AL	3' - 0"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME WITH TRANSOM WINDOW AND LOUVER ABOVE
3010	MFR	STL	OH	AL	8' - 0"		7' - 0"	3/4"	08/A00015	08/A0015	08/A0015				MFR	1	MOTOR		PREFINISHED INSULATED OVERHEAD DOOR, MOTORIZED
3011	F-1	HM	NG&NG	HM	2' - 6"	2' - 6"	7' - 2"	1 3/4"				1 HR	TG	6"x36"	PT		--	AL	
3012	F-1	HM	HG&HG	HM	3' - 0"	3' - 0"	7' - 2"	1 3/4"	08/A00015	08/A0015	08/A0015	--	TG	24"x36"	PT	15	--	AL	PANIC HARDWARE. NEW DOOR IN EXISTING FRAME
3013	F-1	HM	HG&HG	HM	3' - 0"	3' - 0"	7' - 2"	1 3/4"	05/A0015	05/A0015	05/A015	--	TG	24"x36"	PT	15	3	AL	PANIC HARDWARE
3014	F-1	HM	NG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				1 HR	TG	6"x36"	PT	5	5	AL	CARD READER ACCESS CONTROL SECURITY
3016	F-1	HM	F	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	--	--	PT		--	AL	
3017	F-1	HM	HG&HG	HM	3' - 2"	3' - 2"	7' - 2"	1 3/4"	01/A0015	01/A0015	01/A0015	1 HR	--	24"x36"	PT	10	6	--	
3018	F-1	HM	HG&HG	HM	3' - 2"	3' - 2"	7' - 2"	1 3/4"	01/A0015	01/A0015	01/A0015	1 HR	--	24"x36"	PT	10	6	--	
3022	F-1	HM	F&F	HM	3' - 0"	3' - 0"	9' - 2"	1 3/4"				--	--	--	PT		--	--	
3028	F-1	HM	F	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	--	--	PT		--	--	
3034	F-1	HM	HG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"	05/A0015	05/A0015	05/A0015	--	TG	24"x36"	PT	14	3	AL	PANIC HARDWARE
3040	F-1	AL	FG	AL	3' - 0"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	PT	5	5	--	
3042	F-1	AL	F&F	AL	3' - 0"	3' - 0"	7' - 2"	1 3/4"				--	--	--	AL	6	6	--	NEW DOOR IN EXISTING FRAME
3044	F-1	AL	FG&FG	AL	3' - 0"	3' - 0"	7' - 2"	1 3/4"	01/A0015	01/A0015	01/A0015	--	TG	24"x70"	AL	15	3	AL	PANIC HARDWARE
3050	F-1	AL	FG&FG	AL	3' - 0"	3' - 0"	7' - 2"	1 3/4"	01/A0015	01/A0015	01/A0015	--	TG	24"x70"	AL	15	3	AL	PANIC HARDWARE
3051	F-1	AL	FG	AL	3' - 4"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME
3052	F-1	AL	FG	AL	3' - 4"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME
3053	F-1	AL	FG	AL	3' - 4"	0' - 0"	7' - 0"	1 3/4"	01/A0015	01/A0015	01/A0015	--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME
3054	F-1	AL	FG	AL	3' - 4"	0' - 0"	7' - 0"	1 3/4"	01/A0015	01/A0015	01/A0015	--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME
3055	F-1	AL	FG	AL	3' - 0"	0' - 0"	7' - 0"	1 3/4"	01/A0015	01/A0015	01/A0015	--	TG	24"x70"	AL	14	3	AL	NEW DOOR IN EXISTING FRAME
6100 - ALUM AND LIME CHEMICAL BUILDING																			
6140	F-1	HM	NG&NG	HM	3' - 2"	3' - 2"	9' - 2"	1 3/4"	06/A0015	06/A0015	06/A0015	--	IG	6"x36"	PT	15	--	AL	PANIC HARDWARE
6141	F-1	HM	NG	HM	3' - 0"	0' - 0"	7' - 10"	1 3/4"	06/A0015	06/A0015	06/A0015	--	IG	6"x36"	PT	14	--	AL	PANIC HARDWARE
6142	F-1	HM	FRG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"	01/A0015	01/A0015	01/A0015	--	FRG	3"x33"	PT	14		--	PANIC HARDWARE
6143	F-1	HM	NG&NG	HM	3' - 2"	3' - 2"	9' - 2"	1 3/4"	06/A0015	06/A0015	06/A0015	--	IG	6"x36"	PT	15	--	AL	PANIC HARDWARE
Z100 - ELECTRICAL BUILDING NO. 2																			
7101	F-1	HM	NG&NG	HM	3' - 0"	3' - 0"	7' - 2"	1 3/4"	05/A0015	05/A0015	05/A0015	--	IG	6"x36"	PT	15	--	AL	PANIC HARDWARE
7102	F-1	HM	NG&NG	HM	3' - 0"	3' - 0"	9' - 2"	1 3/4"	05/A0015	05/A0015	05/A0015	--	IG	6"x36"	PT	15	--	AL	PANIC HARDWARE
8000 - ADMIN BUILDING																			
8000	F-1	HM	FG&FG	HM	3' - 0"	3' - 0"	7' - 0"	1 3/4"				--	IG	24"x70"	PT	15	--	--	PANIC HARDWARE. HANDS-FREE PUSH PANEL OPENER. CONTRACTOR TO VERIFY DOOR CLEARANCE AND ENTRY PLAZA WITH OWNER PRIOR TO DOOR MODIFICATIONS
8001	F-1	AL	FG&FG	AL	3' - 0"	3' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	AL	15	--	AL	PANIC HARDWARE. HANDS-FREE PUSH PANEL OPENER
8005	F-1	HM	F	WD	3' - 0"	0' - 0"	7' - 2"	1 3/4"	03/A0015	03/A0015	03/A0015	--	--	--	PT	7	--	AL	13/16" CLEAR THRESHOLD GAP, SEE HVAC
8008A	F-1	HM	F	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	--	--	PT		--	--	
8008B	F-1	HM	F	HM	2' - 8"	0' - 0"	7' - 0"	1 3/4"				--	--	--	PT		--	--	
8009	F-1	HM	F	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	--	--	PT		--	--	13/16" CLEAR THRESHOLD GAP, SEE HVAC
8011	F-1	HM	F	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	--	--	PT		--	--	13/16" CLEAR THRESHOLD GAP, SEE HVAC
8014	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8015	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8016	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8017	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8018	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8019	F-1	AL	FG	AL	3' - 0"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	PT	14	--	AL	PANIC HARDWARE
8020	F-1	HM	FG&FG	HM	3' - 0"	3' - 0"	7' - 2"	1 3/4"				--	IG	24"x70"	PT		--	--	CARD READER AND 13/16" CLEAR THRESHOLD GAP, SEE HVAC
8021	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	13/16" CLEAR THRESHOLD GAP, SEE HVAC
8030A	F-1	HM	FG&FG	HM	3' - 0"	3' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	13/16" CLEAR THRESHOLD GAP, SEE HVAC
8030B	F-1	AL	FG	AL	3' - 0"	0' - 0"	7' - 0"	1 3/4"				--	TG	24"x70"	PT	14	--	AL	PANIC HARDWARE
8032	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8033	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8037	F-1	HM	F	WD	3' - 0"	0' - 0"	7' - 0"	1 3/4"	03/A0015	03/A0015	03/A0015	--	--	--	PT	7	--	--	13/16" CLEAR THRESHOLD GAP, SEE HVAC
8038	F-1	HM	F	WD	3' - 0"	0' - 0"	7' - 0"	1 3/4"	03/A0015	03/A0015	03/A0015	--	--	--	PT	7	--	--	
8039	F-1	HM	HG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x36"	PT		--	--	13/16" CLEAR THRESHOLD GAP, SEE HVAC
8042A	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8042B	F-1	HM	FG	HM	3' - 0"	0' - 0"	7' - 2"	1 3/4"				--	TG	24"x70"	PT		--	--	
8043	F-1	HM	F&F	HM	2' - 0"	2' - 0"	7' - 0"	1 3/4"				--	--	--	PT		--	--	13/16" CLEAR THRESHOLD GAP, SEE HVAC

DOOR LEGEND

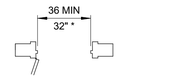
AL	ALUMINUM
HM	HOLLOW METAL
IG	INSULATING GLAZING
FRG	FIRE GLASS
FRP	FIBERGLASS REINFORCED PLASTIC
MFR	MANUFACTURER
PT	PAINT
STL	STEEL
TG	TEMPERED GLASS
WD	WOOD - STAIN GRADE

DOOR SCHEDULE NOTES:

1. WOOD DOOR COLOR TO BE DETERMINED
2. FRP DOOR AND DOOR FRAME COLOR TO BE DETERMINED
3. LOUVERS IN DOORS COLOR TO BE DETERMINED
4. HOLLOW METAL DOOR COLOR TO BE DETERMINED
5. ROLL UP DOOR COLOR TO BE DETERMINED
6. PROVIDE ELECTRIC DOOR OPERATOR AT ALL ROLL-UP DOORS.
7. PAINT STEEL FRAME COLOR ___
8. PAINT DOOR AND DOOR FRAME COLOR ___ (EXTERIOR, INTERIOR, AND ALL JAMBS.
9. **CONTRACTOR AND HARDWARE SUPPLIER TO COORDINATE WITH OWNER'S SERCURITY SYSTEM PROVIDER PRIOR TO PURCHASE. INSURE HARDWARE AND OWNDER'S SECURITY SYSTEM IS COMPATIBLE AND INTEGRATED INTO THE EXISTING SYSTEM AND OPERATES AS INTENDED. VERIFY LOCATION AND NUMBER OF DEVICES REQUIRED BY OWNER.**

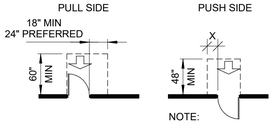
DOOR CLEARANCES

PER ICC A117.1 - 2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES



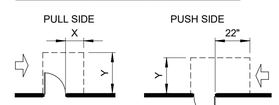
CLEAR DOORWAY WIDTH AND DEPTH
(*) 32" ALLOWED IN EXISTING BUILDINGS IF 48" MIN IN LENGTH CLEAR BEYOND DOORWAY. EXTERIOR ACCESSIBLE ROUTH SHALL BE 36" MIN.

FRONT APPROACHES - SWINGING DOOR



NOTE:
X=12" IF DOOR HAS BOTH A CLOSER AND A LATCH

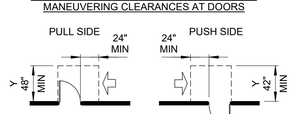
HINGE SIDE APPROACHES - SWINGING DOOR



NOTE:
X=36" MIN IF Y=60"
X=42" MIN IF Y=54"

NOTE:
Y=48" MIN IF DOOR HAS BOTH A CLOSER AND LATCH
Y= 42" WITHOUT CLOSER AND LATCH

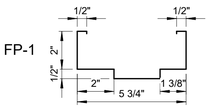
LATCH SIDE APPROACHES - SWINGING DOOR MANEUVERING CLEARANCES AT DOORS



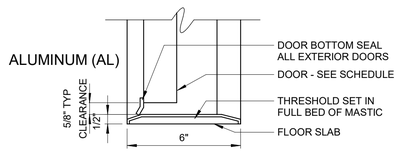
NOTE:
Y=54" MIN IF DOOR HAS A CLOSER

NOTE:
Y=48" MIN IF DOOR HAS A CLOSER

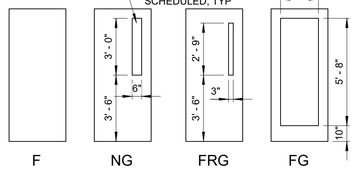
FRAME PROFILES 3" = 1'-0"

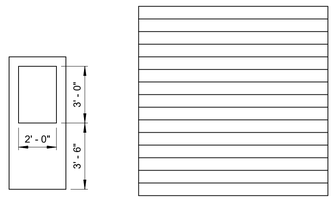


THRESHOLD TYPES 3" = 1'-0"

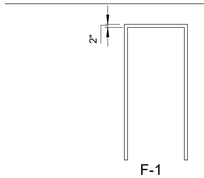


DOOR TYPES 1/4" = 1'-0"



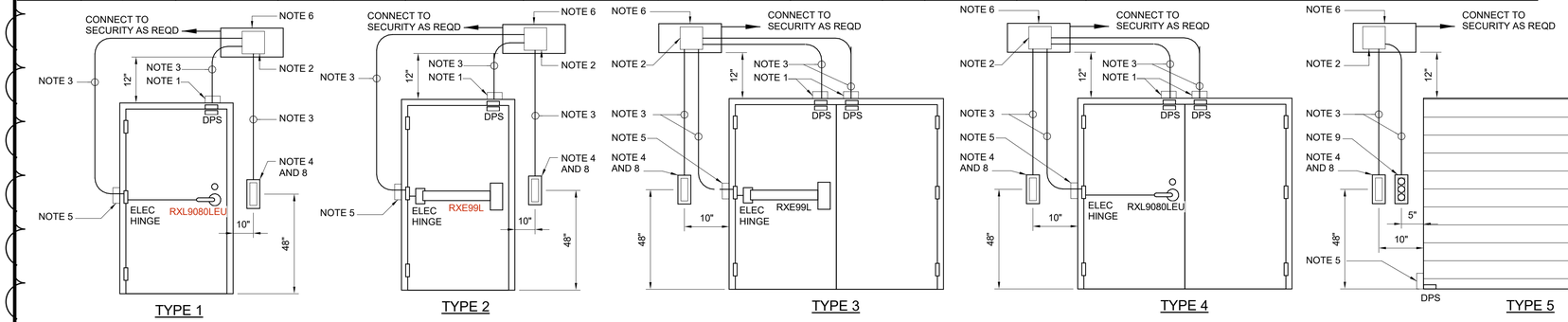


FRAME TYPES 1/4" = 1'-0"



DOOR SECURITY WIRING NOTES:

1. SINGLE GANG SHALLOW MASONRY BOX INSTALL FLUSH IN BLOCK, COORDINATE EXACT LOCATION WITH METAL DOOR FRAME DEVICE CUTOUT.
2. DOUBLE GANG MASONRY BOX FLUSH IN INTERIOR WALL. BOX SHALL BE LOCATED TO THE "STRIKE" SIDE ENOUGH TO AVOID CONFLICT WITH WALL MOUNTED EXIT LIGHT.
3. 1/2" CONDUIT WITH PULLSTRING CONCEALED IN WALL, TYP.
4. SINGLE GANG MASONRY BOX FLUSH IN EXTERIOR WALL.
5. SINGLE GANG SHALLOW MASONRY BOX INSTALL FLUSH IN BLOCK, COORDINATE EXACT LOCATION WITH METAL DOOR FRAME CENTER HINGE CUTOUT.
6. LOCATION OF DOOR ACCESS CONTROL TERMINATION BOX.
7. 3/4" CONDUIT FROM DOOR ACCESS CONTROL TERMINAL BOX TO MIDSPAN DOOR ACCESS CONTROL TERMINAL BOX. WIRING PER MANUFACTURER'S REQUIREMENTS.
8. CARD READER- EXTERIOR SIDE OF OPENING.
9. PUSH BUTTON ROLL-UP DOOR OPERATOR - SEE SPECIFICATIONS.



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

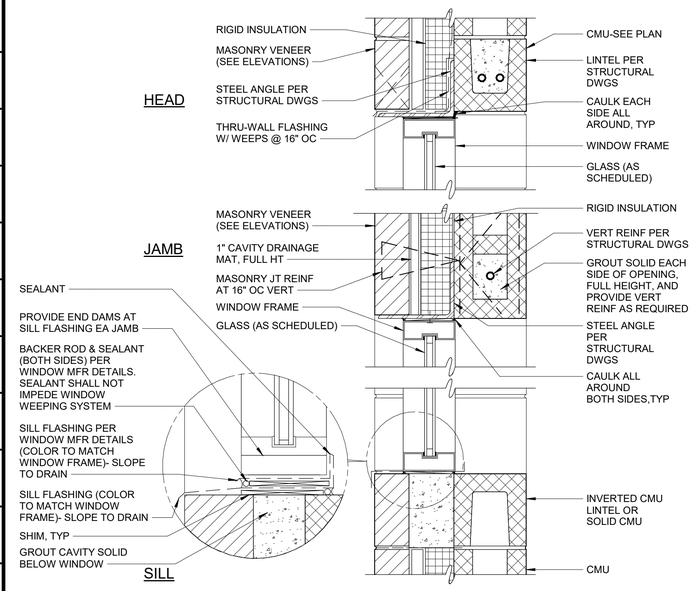
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
SCHEDULE - DOORS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0013

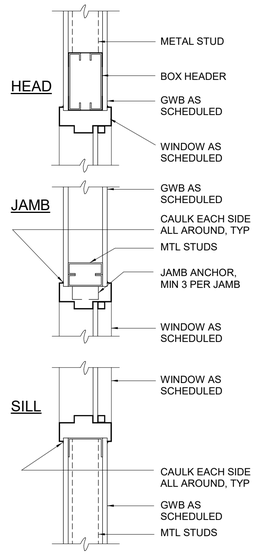
Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
7/6/2026 2:31:44 PM



ENLARGED SILL FLASHING

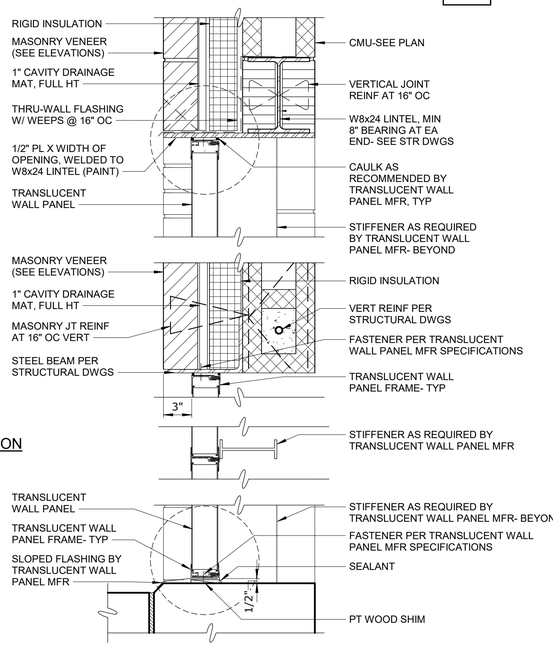
WINDOW IN MASONRY CAVITY WALL - 8" CMU

DETAIL	1
1 1/2" = 1'-0"	A0014



VIEW WINDOW IN GWB WALL

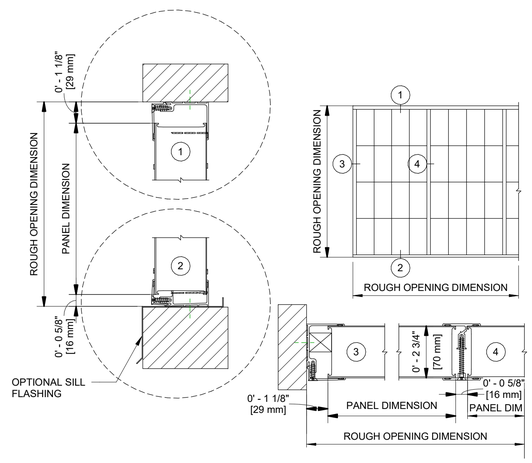
DETAIL	2
1 1/2" = 1'-0"	A0014



TRANSLUCENT WALL PANEL

DETAIL	3
1 1/2" = 1'-0"	A0014

SEE KALWALL MANUFACTURER'S INFORMATION FOR MORE INSTALLATION DETAILS



TRANSLUCENT WALL PANEL - KALWALL STANDARD SYSTEM DETAILS

DETAIL	4
3" = 1'-0"	A0014

ENVIRONMENTAL SAFETY SIGNAGE

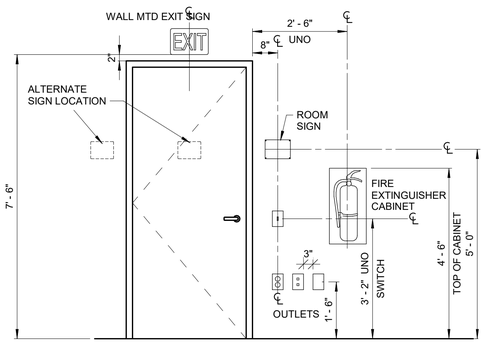
SIGN TYPE	FUNCTION	QUANTITY	REMARKS
E-1	FIRST AID	20	INFORMATIONAL SIGN WITH INTERNATIONAL AND ACCESSIBLE PICTOGRAM. ADA COMPLIANT
E-2	EAR PROTECTION MUST BE WORN IN THIS AREA	10	CAUTION SIGN - YELLOW BACKGROUND WITH THE WORD "CAUTION" 2" HIGH IN BLACK LETTERS AND (WORDING) IN BLACK LETTERS. EACH SIGN SHALL BE PROVIDED WITH PICTOGRAM SHOWING FIGURE IN COMPLIANCE WITH SIGN (I.E. A FIGURE WEARING GLASSES)
E-3	EYE PROTECTION MUST BE WORN IN THIS AREA	10	CAUTION SIGN - YELLOW BACKGROUND WITH THE WORD "CAUTION" 2" HIGH IN BLACK LETTERS AND (WORDING) IN BLACK LETTERS. EACH SIGN SHALL BE PROVIDED WITH PICTOGRAM SHOWING FIGURE IN COMPLIANCE WITH SIGN (I.E. A FIGURE WEARING GLASSES). MUST BE POSTED AT EACH DOOR TO CHEMICAL ROOMS
E-4	REMEMBER TO WEAR SAFETY EQUIPMENT	10	CAUTION SIGN - YELLOW BACKGROUND WITH THE WORD "CAUTION" 2" HIGH IN BLACK LETTERS AND (WORDING) IN BLACK LETTERS. EACH SIGN SHALL BE PROVIDED WITH PICTOGRAM SHOWING FIGURE IN COMPLIANCE WITH SIGN (I.E. A FIGURE WEARING GLASSES)
E-5	NON-POTABLE WATER - DO NOT DRINK	10	CAUTION SIGN - YELLOW BACKGROUND WITH THE WORD "CAUTION" 2" HIGH IN BLACK LETTERS AND (WORDING) IN BLACK LETTERS. EACH SIGN SHALL BE PROVIDED WITH PICTOGRAM SHOWING FIGURE IN COMPLIANCE WITH SIGN (I.E. A FIGURE WEARING GLASSES)
E-6	EMERGENCY SHOWER	5	SAFETY SIGN - SHALL COMPLY WITH ANSI Z 535 REQUIREMENTS. (WITH PICTOGRAM)
E-7	EMERGENCY EYEWASH	10	SAFETY SIGN - SHALL COMPLY WITH ANSI Z 535 REQUIREMENTS. (WITH PICTOGRAM)
E-8	NOTICE - THIS DOOR MUST BE KEPT CLOSED	10	SAFETY SIGN - SHALL COMPLY WITH ANSI Z 535 REQUIREMENTS
E-9	WARNING - AUTHORIZED PERSONNEL ONLY	10	SAFETY SIGN - SHALL COMPLY WITH ANSI Z 535 REQUIREMENTS. POSTED AT EACH ELECTRICAL ROOM DOOR
E-10	(IN ACCORDANCE WITH NFPA 704) DIAMOND PLACARD	10	EXTERIOR HAZARDOUS MATERIAL BUILDING SIGNAGE - THE AUTHORITY HAVING JURISDICTION SHALL BE CONSULTED REGARDING THE QUANTITY AND PLACEMENT OF IDENTIFICATION NFPA 704 PLACARD TO ASSIST IN RESPONSE TO INCIDENTS AT LOCATIONS
E-11	DANGER FLAMMABLE	10	DANGER SIGN - YELLOW BACKGROUND WITH THE WORD "DANGER" 2" HIGH IN BLACK LETTERS AND (WORDING) IN BLACK LETTERS. EACH SIGN SHALL BE PROVIDED WITH PICTOGRAM SHOWING FIGURE IN COMPLIANCE WITH SIGN (I.E. A FIGURE WEARING GLASSES)
E-12	KEEP ALL CYLINDERS CHAINED	5	CAUTION SIGN - YELLOW BACKGROUND WITH THE WORD "CAUTION" 2" HIGH IN BLACK LETTERS AND (WORDING) IN BLACK LETTERS. EACH SIGN SHALL BE PROVIDED WITH PICTOGRAM SHOWING FIGURE IN COMPLIANCE WITH SIGN (I.E. A FIGURE WEARING GLASSES)
E-13	DEGREE OF SEVERITY HAZARDOUS CHEMICALS	10	SAFETY SIGN - SHALL COMPLY WITH ANSI Z 535 REQUIREMENTS
E-14	NOTICE AVOID CONTAMINATION	20	INFORMATIONAL SIGN WITH INTERNATIONAL AND ACCESSIBLE PICTOGRAM. ADA COMPLIANT
E-15	THINK SAFETY FIRST	20	
E-17	HIGH VOLTAGE	5	DANGER SIGN - YELLOW BACKGROUND WITH THE WORD "DANGER" 2" HIGH IN BLACK LETTERS AND (WORDING) IN BLACK LETTERS. EACH SIGN SHALL BE PROVIDED WITH PICTOGRAM SHOWING FIGURE IN COMPLIANCE WITH SIGN (I.E. A FIGURE WEARING GLASSES). POSTED AT EACH ELECTRICAL ROOM DOOR
E-18	LOADING SIGN - THIS FLOOR WILL SAFELY SUSTAIN	3	DANGER SIGN - YELLOW BACKGROUND WITH THE WORD "DANGER" 2" HIGH IN BLACK LETTERS AND (WORDING) IN BLACK LETTERS. EACH SIGN SHALL BE PROVIDED WITH PICTOGRAM SHOWING FIGURE IN COMPLIANCE WITH SIGN (I.E. A FIGURE WEARING GLASSES)

WAYFINDING SIGNAGE

SIGN TYPE	FUNCTION	QUANTITY	REMARKS
W-1	ROOM SIGN	ONE SIGN REQUIRED AT EACH DOOR	SEE FINISH SCHEDULE FOR ROOM NAMES. INFORMATIONAL SIGNS WITH INTERNATIONAL AND ACCESSIBLE PICTOGRAM. ADA COMPLIANT WITH BRAILLE SUBSCRIPT
W-2	RESTROOM SIGN	ONE SIGN REQUIRED AT EACH DOOR	SEE FINISH SCHEDULE FOR ROOM NAMES. INFORMATIONAL SIGNS WITH INTERNATIONAL AND ACCESSIBLE PICTOGRAM. ADA COMPLIANT WITH BRAILLE SUBSCRIPT
W-3	STAIRWELL SIGN	ONE SIGN REQUIRED AT EACH DOOR	

FIRE SAFETY AND EGRESS SIGNAGE

SIGN TYPE	FUNCTION	QUANTITY	REMARKS
FS-1	FIRE EXTINGUISHER	20	FIRE RELATED - PROVIDE EACH SIGN WITH WORDING AND PICTOGRAM. RED BACKGROUND AND WHITE LETTERS/PICTOGRAM. ADA COMPLIANT WITH BRAILLE SUBSCRIPT
FS-2	THANK YOU FOR NOT SMOKING	10	FIRE RELATED - PROVIDE EACH SIGN WITH WORDING AND PICTOGRAM. RED BACKGROUND AND WHITE LETTERS/PICTOGRAM. ADA COMPLIANT WITH BRAILLE SUBSCRIPT
FS-3	ARROW TO EXIT	20	FIRE RELATED - PROVIDE EACH SIGN WITH WORDING AND PICTOGRAM. RED BACKGROUND AND WHITE LETTERS/PICTOGRAM. ADA COMPLIANT WITH BRAILLE SUBSCRIPT
FS-4	IN CASE OF FIRE, USE STAIRS	5	FIRE RELATED - PROVIDE EACH SIGN WITH WORDING AND PICTOGRAM. RED BACKGROUND AND WHITE LETTERS/PICTOGRAM. ADA COMPLIANT WITH BRAILLE SUBSCRIPT
FS-5	EVACUATION PLAN	12	FIRE RELATED - PROVIDE EACH SIGN WITH WORDING AND PICTOGRAM. RED BACKGROUND AND WHITE LETTERS/PICTOGRAM. ADA COMPLIANT WITH BRAILLE SUBSCRIPT
FS-6	FIRE EXIT	20	FIRE RELATED - PROVIDE EACH SIGN WITH WORDING AND PICTOGRAM. RED BACKGROUND AND WHITE LETTERS/PICTOGRAM. ADA COMPLIANT WITH BRAILLE SUBSCRIPT



GENERAL SIGNAGE NOTES:

1. SEE SPECIFICATION SECTION 10 14 00 FOR DETAILED REQUIREMENTS ON FABRICATION, INSTALLATION, AND WORDING/SIZE/QUANTITY NEEDED.
2. SEE SHEET A0022 FOR SIGNAGE STYLES
3. RAISED CHARACTERS SHALL BE UPPER CASE, RAISED ABOVE BACKGROUND AND BRAILLE SHALL BE CONTRACTED BELOW TO COMPLY WITH SECTION 703 OF THE ICC A117.1.
4. CLIENT TO APPROVE THE FINAL COUNT AND WORDING ON ALL SIGNAGE.
5. BUILDING SIGNAGE PACKAGE TO BE COORDINATED WITH OWNER. INCLUDE BUILDING NAME AND NUMBER WITH HEIGHT, MATERIAL, COLOR, AND FONT.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER: T. HUDSON
DESIGNED BY: H. VINEY
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PROJECT ENGINEER: W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

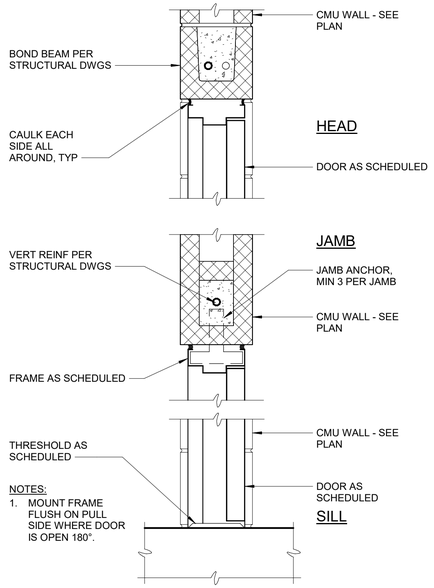
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
WINDOW DETAILS AND SIGNAGE

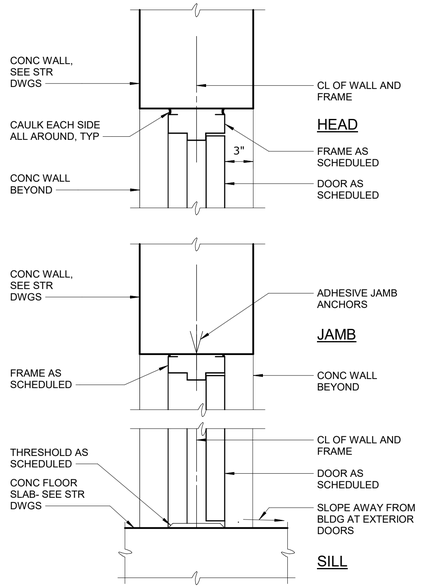
DATE: JULY 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: A0014

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003_A-GENERAL.rvt
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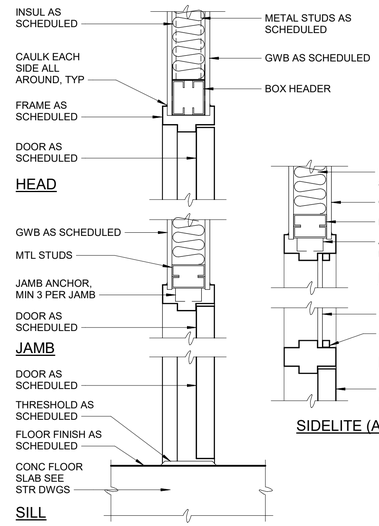
DOOR IN 8" CMU

DETAIL	1
1 1/2" = 1'-0"	A0015



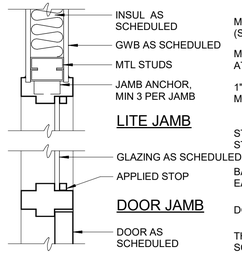
DOOR IN CONC WALL

DETAIL	2
1 1/2" = 1'-0"	A0015

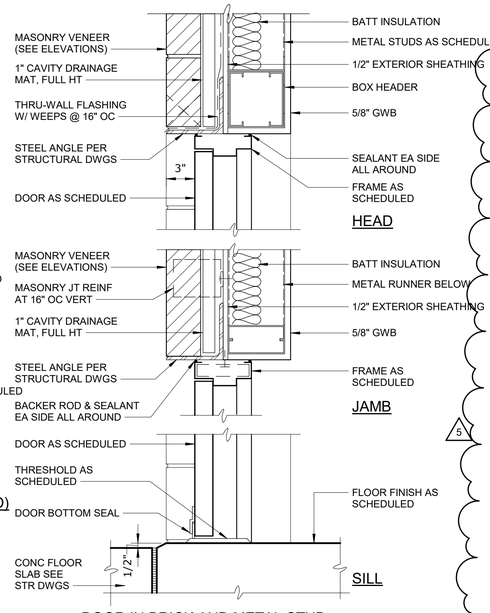


DOOR IN METAL STUD WALL

DETAIL	3
1 1/2" = 1'-0"	A0015

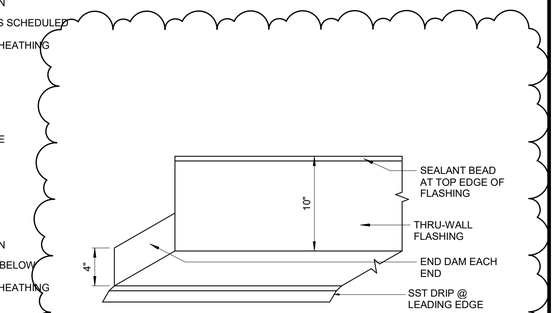


SIDELITE (AS SCHEDULED)



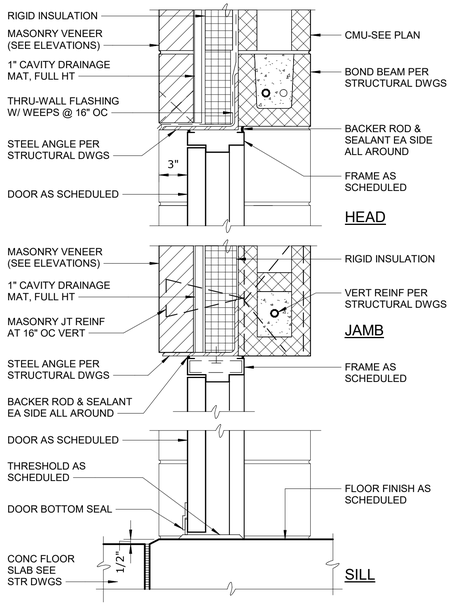
DOOR IN BRICK AND METAL STUD

DETAIL	4
1 1/2" = 1'-0"	A0015



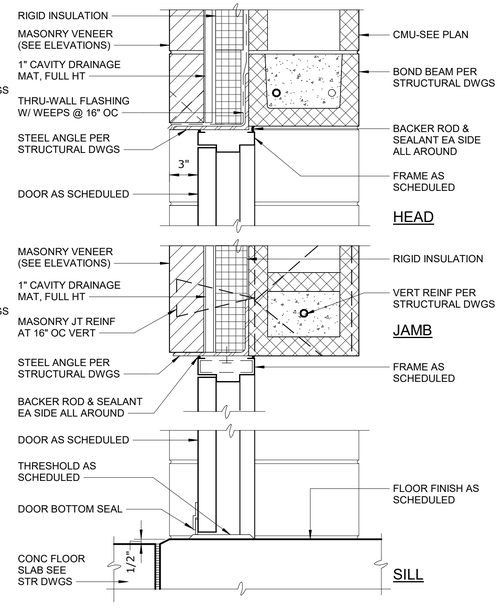
DOOR - END DAM AT ALL THRU-WALL FLASHINGS (SILL AND HEAD)

DETAIL	9
1 1/2" = 1'-0"	A0015



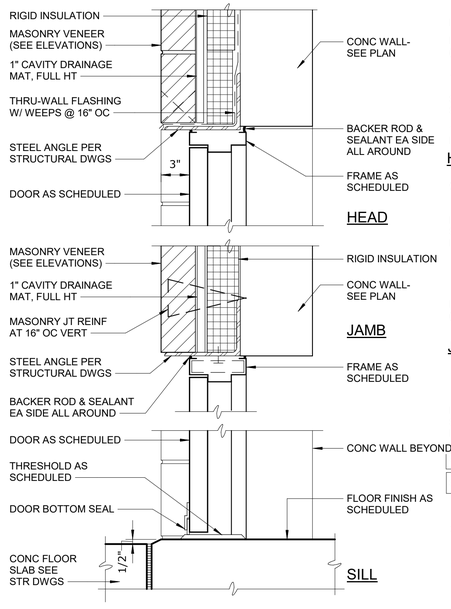
DOOR IN MASONRY CAVITY WALL - 8" CMU

DETAIL	5
1 1/2" = 1'-0"	A0015



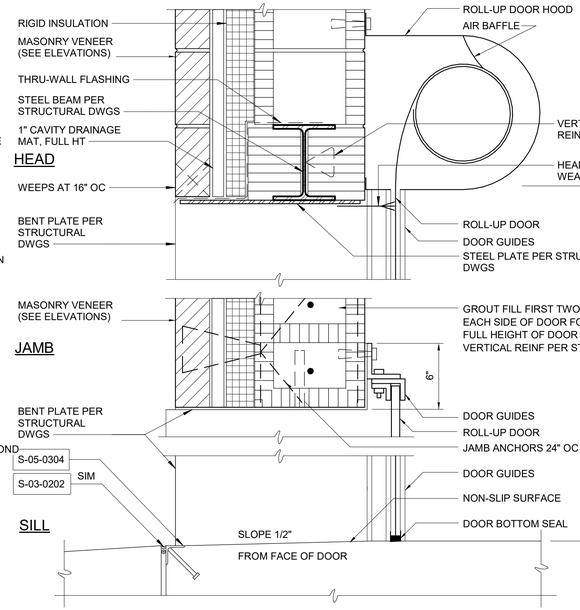
DOOR IN MASONRY CAVITY WALL - 12" CMU

DETAIL	6
1 1/2" = 1'-0"	A0015



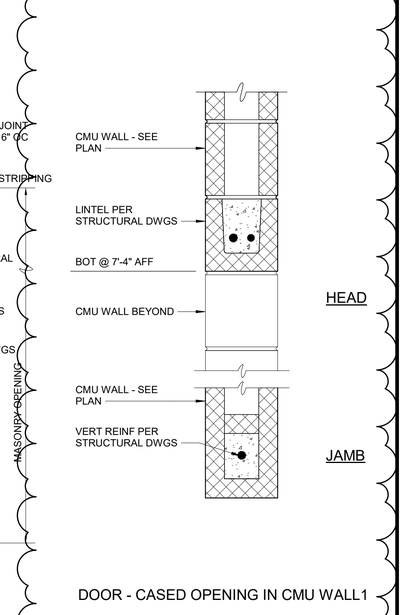
DOOR IN MASONRY CAVITY WALL WITH CONC BACKUP

DETAIL	7
1 1/2" = 1'-0"	A0015



ROLL-UP DOOR IN MASONRY CAVITY WALL - 12" CMU

DETAIL	8
1 1/2" = 1'-0"	A0015



DOOR - CASED OPENING IN CMU WALL1

DETAIL	10
1 1/2" = 1'-0"	A0015

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

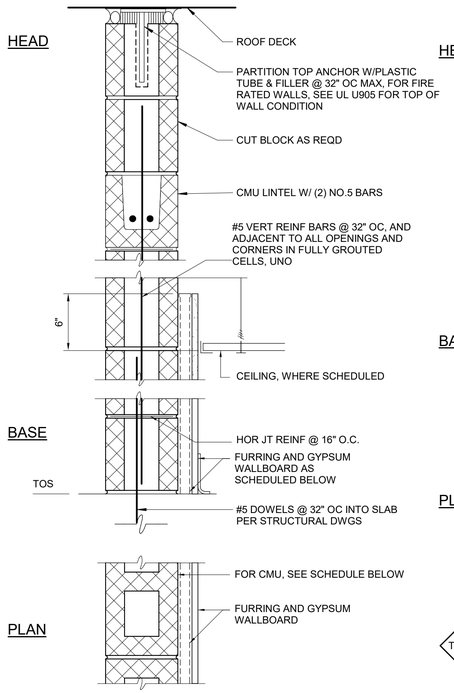
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

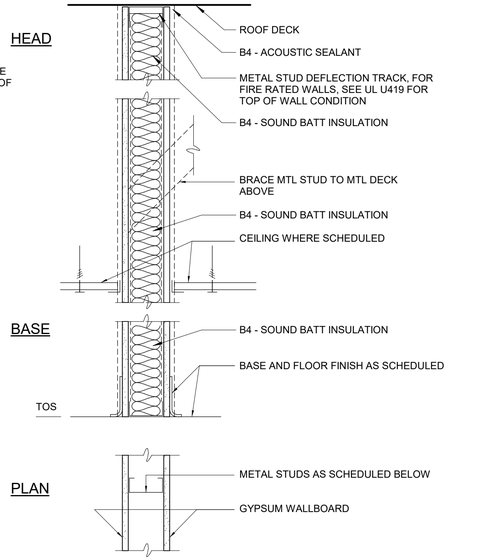
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

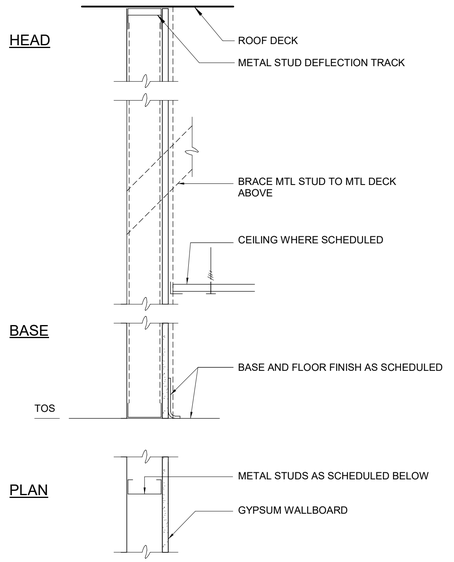
ARCHITECTURAL
DOOR DETAILS - HEAD, JAMB, SILL

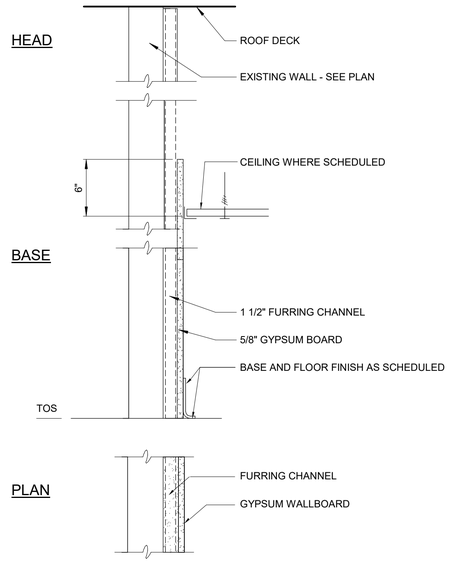
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0015

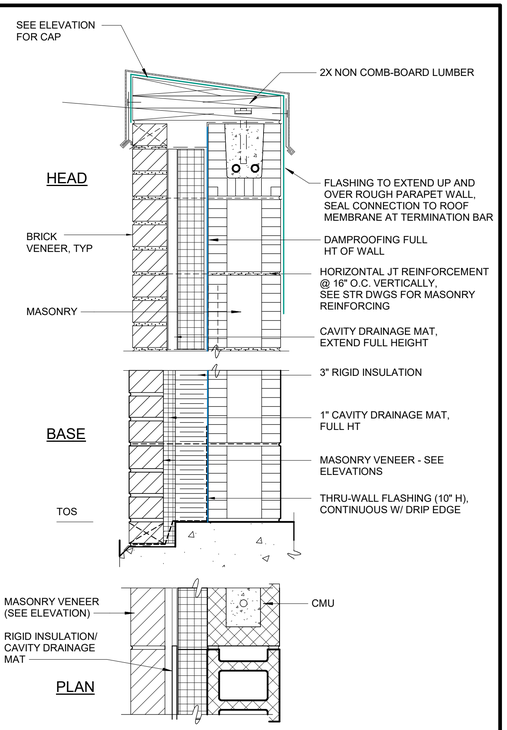
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MASONRY WALL PARTITION TYPES

TYPE	PLAN SIZE MASONRY SIZE / WIDTH	HEIGHT / GAUGE	INSUL. / STC RATING	FIRE RATING / TEST DESIGN	REMARKS
A1	8" / 7 5/8"	TO UNDERSIDE OF ROOF SLAB/ BEAM / N/A	NONE / N/A	N/A / N/A	NON-LOAD BEARING
A2	8" / 7 5/8"	TO UNDERSIDE OF ROOF SLAB/ BEAM / N/A	NONE / N/A	1 HR / UL U905	NON-LOAD BEARING
A3	12" / 11 5/8"	TO UNDERSIDE OF ROOF SLAB/ BEAM / N/A	NONE / N/A	N/A / N/A	NON-LOAD BEARING
A4	4" / 3 5/8"	N/A	NONE / N/A	N/A / N/A	NON-LOAD BEARING
A5	EXISTING / 7 5/8"	TO UNDERSIDE OF ROOF SLAB/ BEAM / N/A	NONE / N/A	N/A / N/A	4" FURRING CHANNEL, ENCLOSE STRUCTURAL REINFORCEMENTS

METAL STUD WALL PARTITION TYPES

TYPE	STUD SIZE / SPACING / WIDTH	HEIGHT / GAUGE	INSUL. / STC RATING	FIRE RATING / TEST DESIGN	REMARKS
B1	5/8" / 3 5/8" / 16" O.C. / 4 7/8"	TO UNDERSIDE OF MTL DECK / 20	NONE / 39	NONE / N/A	GWB TO 6" ABOVE CLG NON-LOAD BEARING; MAX HT OF PARTITION: 250S125-33 @ 16"OC IS 10'-5"
B2	5/8" / 6" / 16" O.C. / 7 1/4"	TO UNDERSIDE OF MTL DECK / 20	NONE / 39	NONE / N/A	GWB TO 6" ABOVE CLG NON-LOAD BEARING; MAX HT OF PARTITION: 250S125-33 @ 16"OC IS 10'-5"
B3	5/8" / 3 5/8" / 16" O.C. / 4 7/8"	TO UNDERSIDE OF MTL DECK / 20	NONE / 39	1 HR / UL U419	GWB TO 6" ABOVE CLG NON-LOAD BEARING; MAX HT OF PARTITION: 250S125-33 @ 16"OC IS 10'-5"
B4	5/8" / 3 5/8" / 16" O.C. / 4 7/8"	TO UNDERSIDE OF MTL DECK / 20	INSUL. / 39 SOUND ATTENUATION BLANKETS IN WALL, BOTH SIDES	1 HR / UL U419	GWB TO UNDERSIDE OF MTL DECK NON-LOAD BEARING; MAX HT OF PARTITION: 250S125-33 @ 16"OC IS 10'-5"

METAL STUD CHASE WALL PARTITION TYPES

TYPE	STUD SIZE / SPACING / WIDTH	HEIGHT / GAUGE	INSUL. / STC RATING	FIRE RATING / TEST DESIGN	REMARKS
C1	5/8" / 3 5/8" / 16" O.C. / 4 1/4"	TO UNDERSIDE OF MTL DECK / 20	NONE / 39	NONE / N/A	GWB TO 6" ABOVE CLG NON-LOAD BEARING; MAX HT OF PARTITION: 250S125-33 @ 16"OC IS 10'-5"
C2	5/8" / 6" / 16" O.C. / 6 5/8"	TO UNDERSIDE OF MTL DECK / 20	NONE / 39	NONE / N/A	GWB TO 6" ABOVE CLG NON-LOAD BEARING; MAX HT OF PARTITION: 250S125-33 @ 16"OC IS 10'-5"
C3	5/8" / 3 5/8" / 16" O.C. / 4 1/4"	TO UNDERSIDE OF MTL DECK / 20	INSUL. / 39	NONE / N/A	GWB TO 6" ABOVE CLG NON-LOAD BEARING; MAX HT OF PARTITION: 250S125-33 @ 16"OC IS 10'-5"

METAL STUD CHASE WALL PARTITION TYPES

TYPE	STUD SIZE / SPACING / WIDTH	HEIGHT / GAUGE	INSUL. / STC RATING	FIRE RATING / TEST DESIGN	REMARKS
D1	5/8" / EXISTING WALL WITH FURRING AND GYP BD	TO UNDERSIDE OF MTL DECK / 1-1/2"	NONE / N/A	N/A / N/A	GWB TO 6" ABOVE CLG NON-LOAD BEARING; N/A

MASONRY EXTERIOR WALL TYPE

TYPE	PLAN SIZE MASONRY SIZE / WIDTH	PLAN SIZE MASONRY SIZE	HEIGHT / GAUGE	INSUL. / STC RATING	FIRE RATING / TEST DESIGN	REMARKS
E1	4" / 3 1/2"	8" / 7 5/8"	SEE ELEV. / N/A	3" / RIGID	N/A / N/A	EXTERIOR WALL

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER: T. HUDSON
DESIGNED BY: H. VINEY
DRAWN BY: A. BLAHA
PROJECT ENGINEER: W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

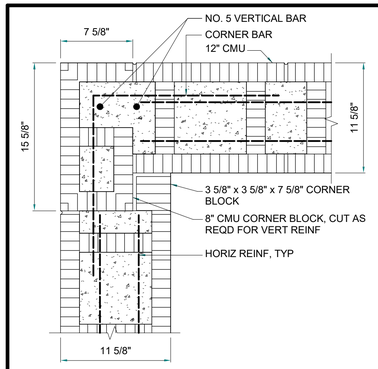
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
PARTITION TYPES

DATE: JULY 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: A0016

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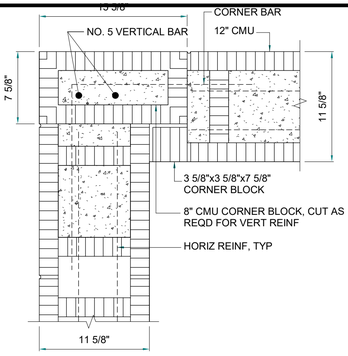


12" CMU WALL (FIRST COURSE)

NOTE: VENEER NOT SHOWN FOR CLARITY

MASONRY - 12" CMU WALL CORNER

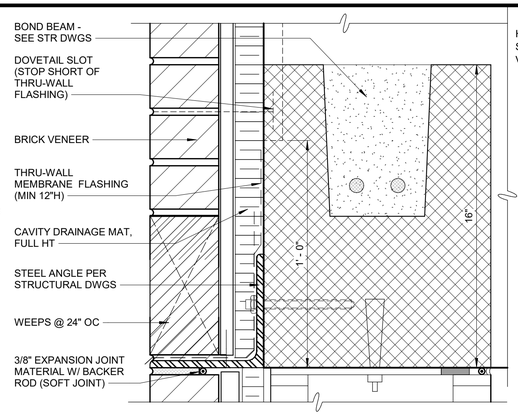
DETAIL	1
1 1/2" = 1'-0"	A0017



12" CMU WALL (SECOND COURSE)

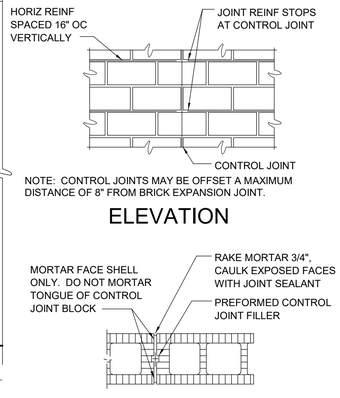
NOTE: VENEER NOT SHOWN FOR CLARITY

DETAIL	2
3" = 1'-0"	A0017



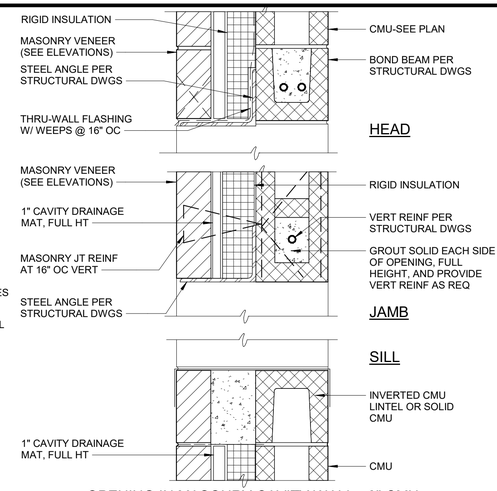
MASONRY - BRICK SUPPORT ANGLE AT SOLDIER COURSE

DETAIL	3
12" = 1'-0"	A0017



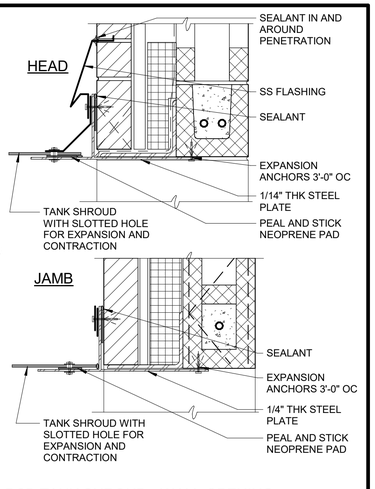
MASONRY CONTROL JOINT

DETAIL	4
1 1/2" = 1'-0"	A0017



OPENING IN MASONRY CAVITY WALL - 8" CMU

DETAIL	5
1 1/2" = 1'-0"	A0017



BCB TANK SHROUD - WALL OPENING

DETAIL	6
1 1/2" = 1'-0"	A0017

MASONRY - CMU CAVITY WALL INFILL IN EXISTING WALL OPENING

DETAIL	7
1 1/2" = 1'-0"	A0017

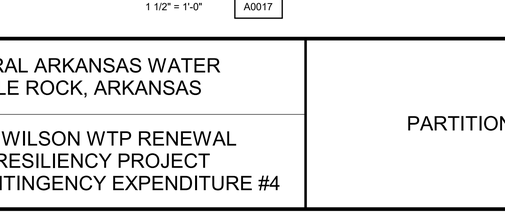
MASONRY - CMU INFILL IN EXISTING WALL OPENING

DETAIL	8
12" = 1'-0"	A0017



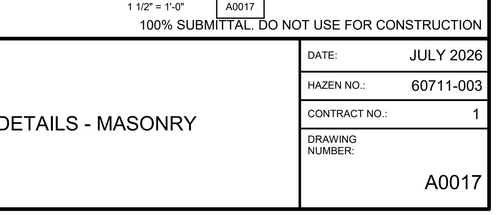
MASONRY EXPANSION JOINT

DETAIL	10
1 1/2" = 1'-0"	A0017



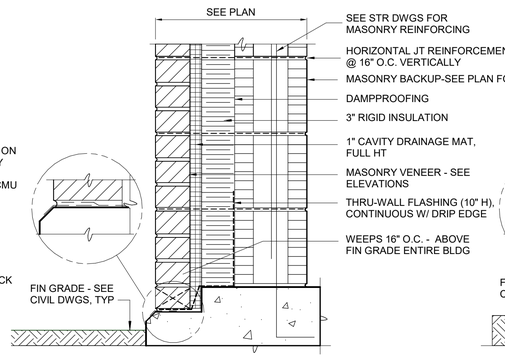
MASONRY - SOLDIER COURSE AT CORNER - CMU

DETAIL	12
1 1/2" = 1'-0"	A0017



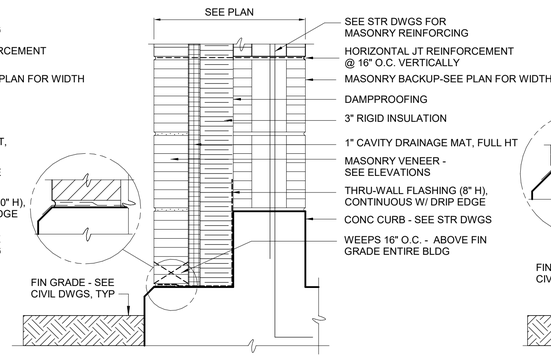
MASONRY - SOLDIER COURSE AT CORNER - CONCRETE

DETAIL	9
1 1/2" = 1'-0"	A0017



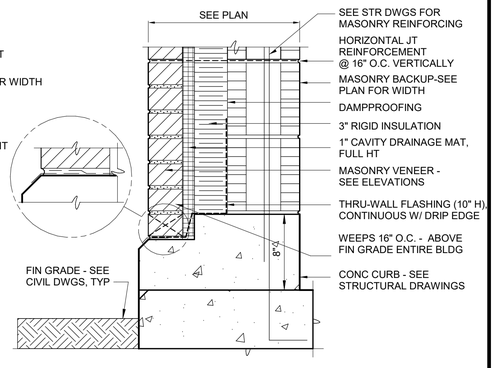
MASONRY - CAVITY WALL BOTTOM 1

DETAIL	11
1 1/2" = 1'-0"	A0017



MASONRY - CAVITY WALL BOTTOM 2

DETAIL	13
1 1/2" = 1'-0"	A0017



MASONRY - CAVITY WALL BOTTOM 3

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
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1	ADDENDUM 4	01-23-25	WR

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

PROJECT MANAGER:	T. HUDSON
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Hazen
HAZEN AND SAWYER
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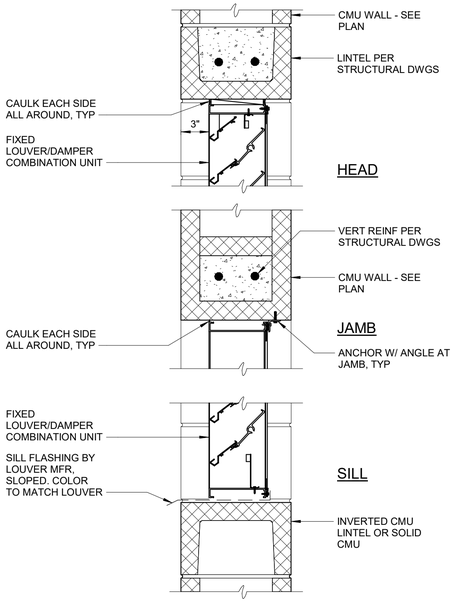
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

PARTITIONS DETAILS - MASONRY

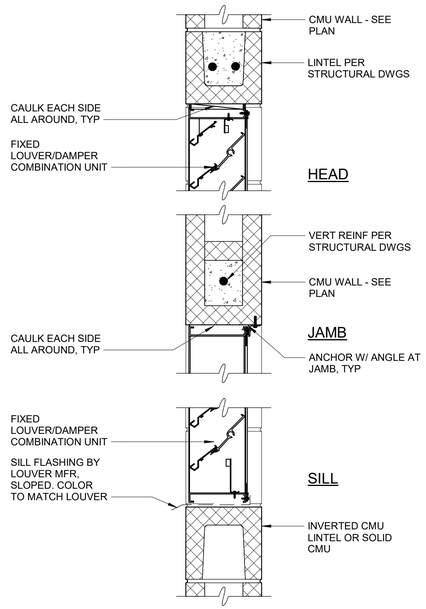
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0017

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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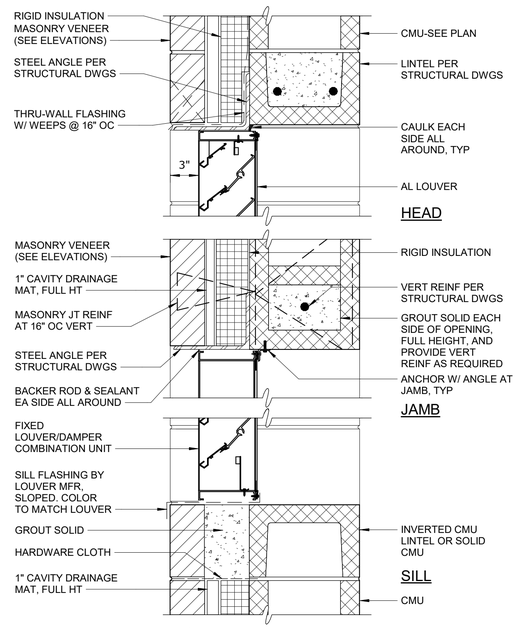
LOUVER IN 12" CMU WALL1

DETAIL	1
1 1/2" = 1'-0"	A0018



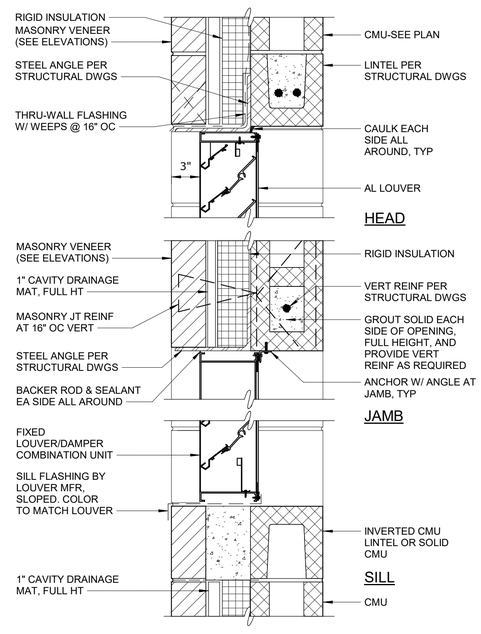
LOUVER IN 8" CMU WALL

DETAIL	2
1 1/2" = 1'-0"	A0018



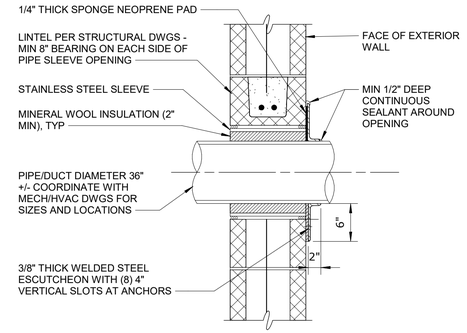
LOUVER IN MASONRY CAVITY WALL - 12" CMU1

DETAIL	3
1 1/2" = 1'-0"	A0018



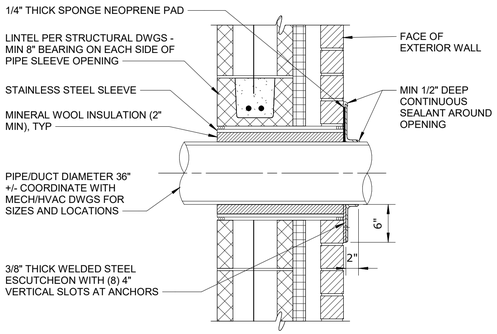
LOUVER IN MASONRY CAVITY WALL - 8" CMU1

DETAIL	4
1 1/2" = 1'-0"	A0018



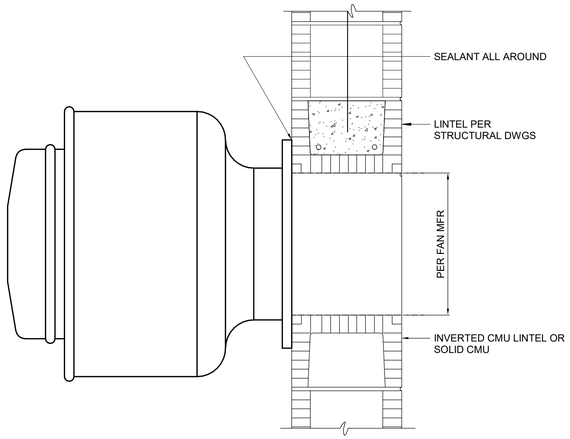
PIPE / DUCT PENETRATION THRU MASONRY WALL

DETAIL	5
NTS	A0018



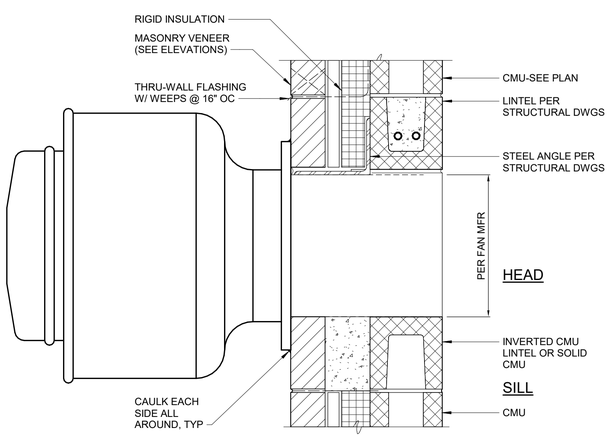
PIPE / DUCT PENETRATION THRU MASONRY CAVITY WALL

DETAIL	6
NTS	A0018



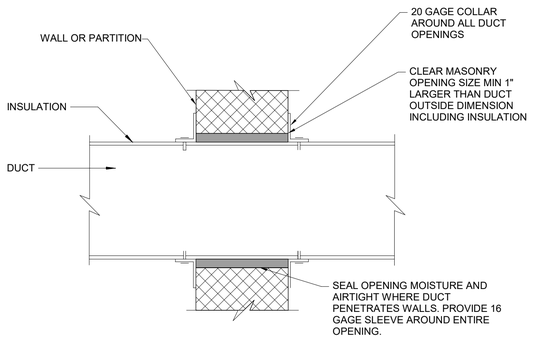
EXHAUST FAN IN 12" CMU

DETAIL	7
1 1/2" = 1'-0"	A0018



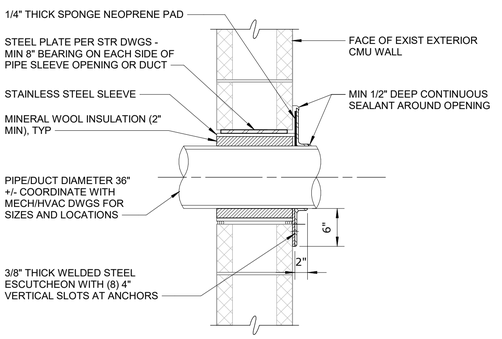
EXHAUST FAN IN MASONRY CAVITY WALL

DETAIL	8
1 1/2" = 1'-0"	A0018



DUCT THRU CMU OR CONC WALL

DETAIL	9
NTS	A0018



PIPE / DUCT PENETRATION THRU EXIST MASONRY WALL

DETAIL	10
NTS	A0018

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

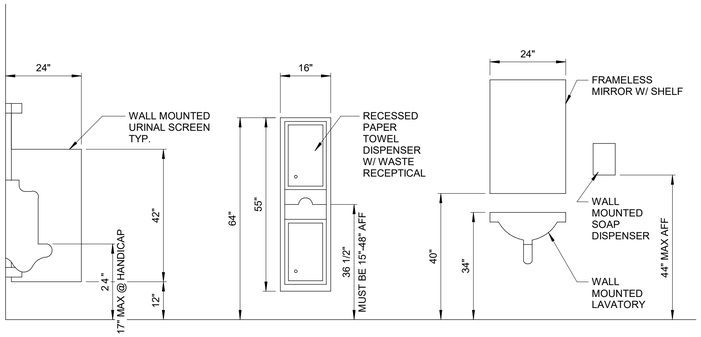
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
PENETRATION DETAILS - LOUVERS, EXHAUST, AND PIPE/DUCT

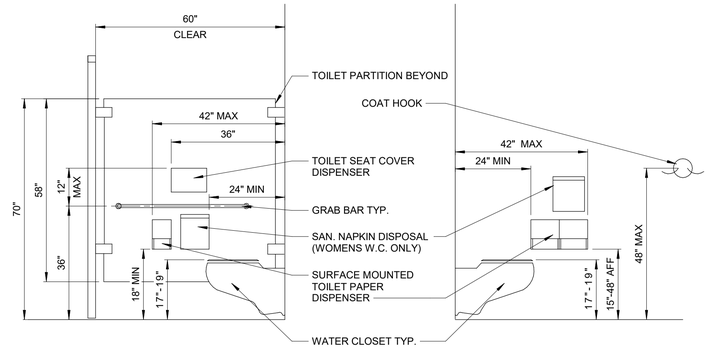
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0018

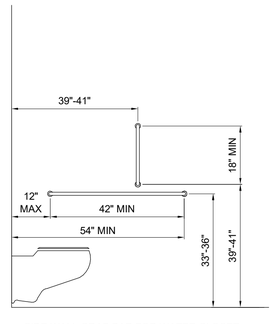
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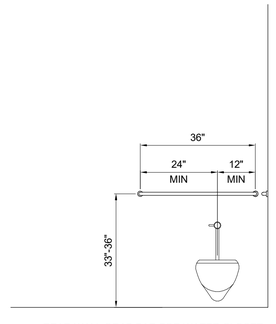
TOILET FIXTURE HEIGHTS

DETAIL 1 | 1/2" = 1'-0" | A0019





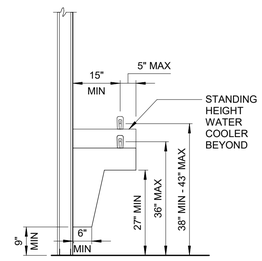
SIDE WALL GRAB BAR FOR WATER CLOSET



REAR WALL GRAB BAR FOR WATER CLOSET

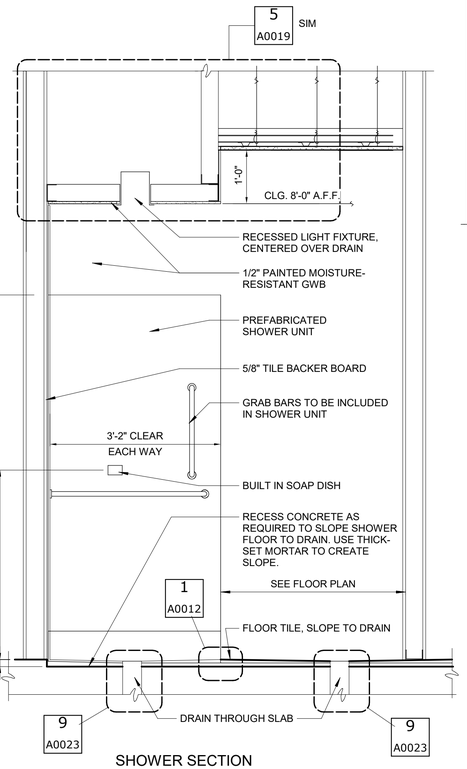
GRAB BAR HEIGHTS

DETAIL 2 | 1/2" = 1'-0" | A0019



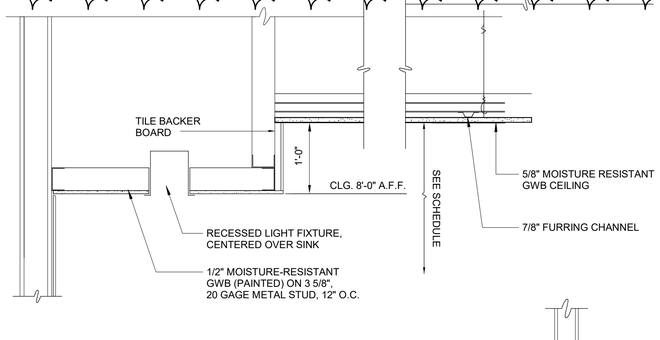
ADA COMPLIANT WATER COOLER

DETAIL 3 | 1/2" = 1'-0" | A0019



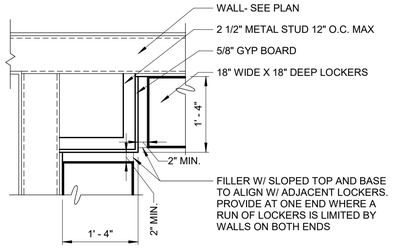
SHOWER SECTION

DETAIL 4 | 3/4" = 1'-0" | A0019



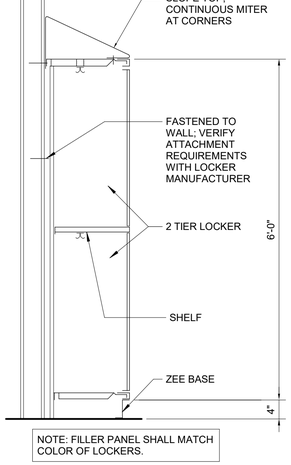
INTERIOR -LOCKER ROOM SOFFIT

DETAIL 5 | 1" = 1'-0" | A0019



INTERIOR - LOCKER FILLER PANEL

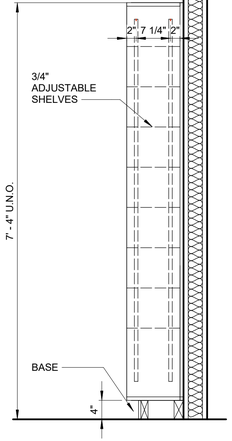
DETAIL 6 | 3/4" = 1'-0" | A0019



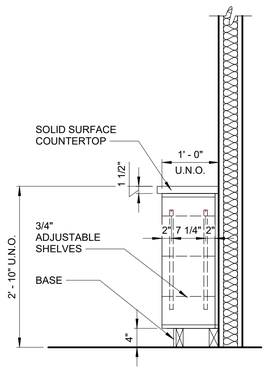
NOTE: FILLER PANEL SHALL MATCH COLOR OF LOCKERS.

TYPICAL LOCKER SECTION

DETAIL 7 | 3/4" = 1'-0" | A0019



TALL SHELVING

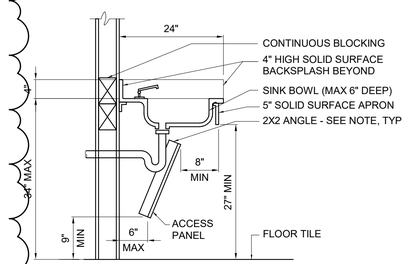


UNDERCOUNTER SHELVING

ADJUSTABLE OPEN SHELVING

DETAIL 8 | 3/4" = 1'-0" | A0019

NOTE: SEE PLANS FOR WIDTH AND ELEVATIONS FOR HEIGHT OF EACH SHELVING UNIT



NOTE: PROVIDE 2"X2"X3/8" MIN SS ANGLE FRAME AND BRACKETS TO SUPPORT LAVATORY TOP AND ACCESS PANEL. PROVIDE END SUPPORT WHERE WALL DOES NOT OCCUR. DESIGNED BY CONTRACTOR.

TYPICAL ADA SINK

DETAIL 9 | 3/4" = 1'-0" | A0019

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 — 1/2" — 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

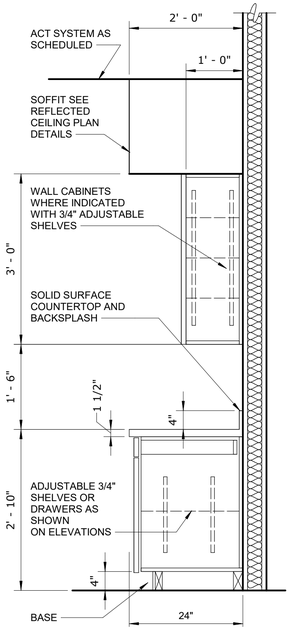
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
INTERIOR DETAILS - ACCESSIBILITY, SHOWER, LOCKER, CASEWORK

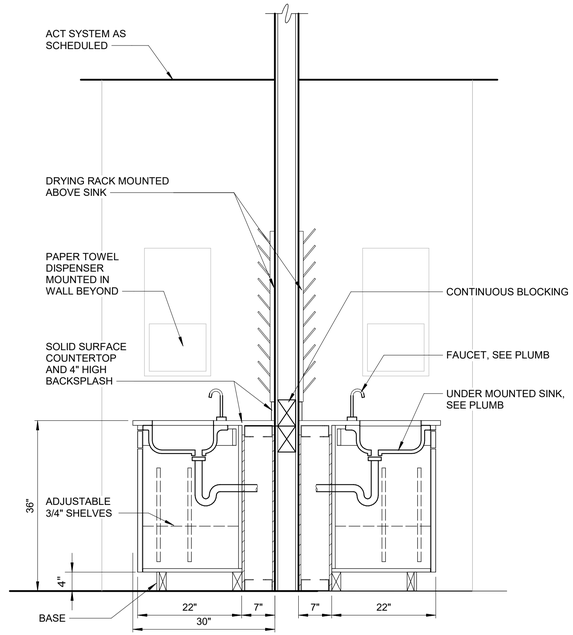
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0019

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003_A-GENERAL.rvt
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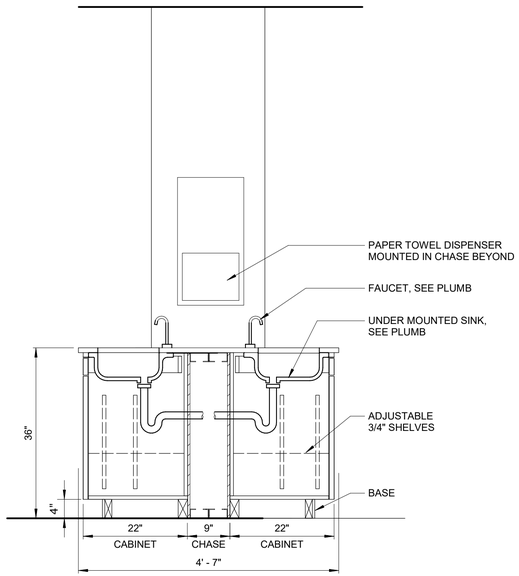
ADA STANDARD CABINET

DETAIL	1
3/4" = 1'-0"	A0019a



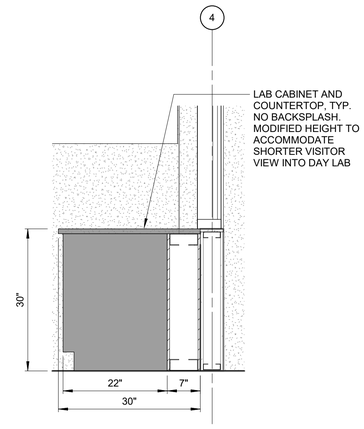
30" COUNTER WITH SINKS & WALL

DETAIL	2
3/4" = 1'-0"	A0019a



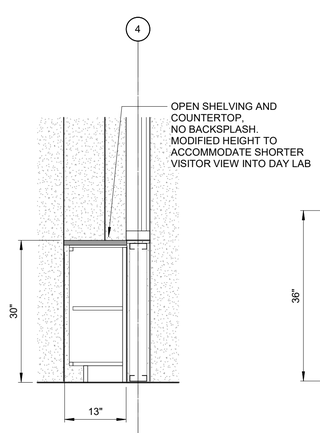
4'-7" ISLAND COUNTER WITH SINKS

DETAIL	3
3/4" = 1'-0"	A0019a



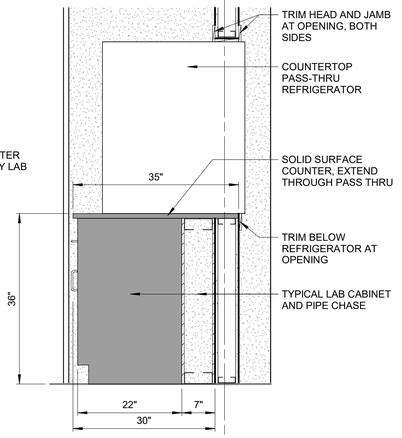
WINDOW CASEWORK @ DAY LAB

DETAIL	5
3/4" = 1'-0"	A0019a



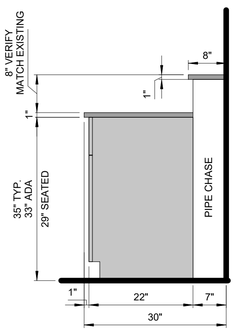
WINDOW CASEWORK @ CONTROL ROOM

DETAIL	6
3/4" = 1'-0"	A0019a



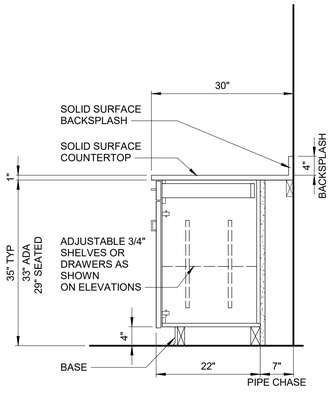
WINDOW CASEWORK @ PASS THRU REFRIGERATOR

DETAIL	7
3/4" = 1'-0"	A0019a



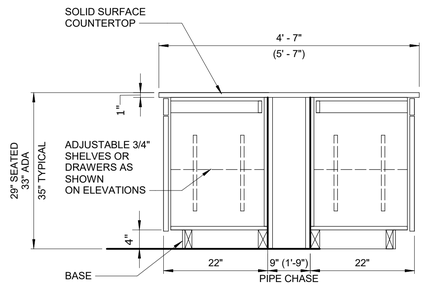
GENERAL LAB SECTION - TITRATION

DETAIL	8
3/4" = 1'-0"	A0019a



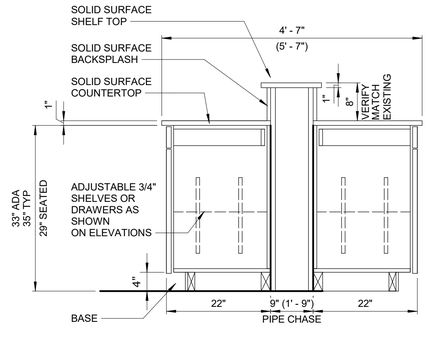
LAB CABINET AT WALL, TYP

DETAIL	9
3/4" = 1'-0"	A0019a



WORK ISLAND, CONT. TOP

DETAIL	10
3/4" = 1'-0"	A0019a



WORK ISLAND, REAGENT SHELF

DETAIL	11
3/4" = 1'-0"	A0019a

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1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
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DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

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Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

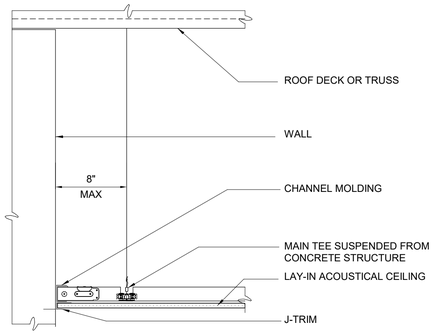
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
INTERIOR DETAILS - CASEWORK SECTIONS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0019a

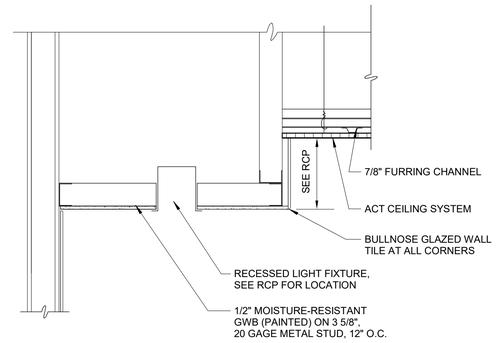
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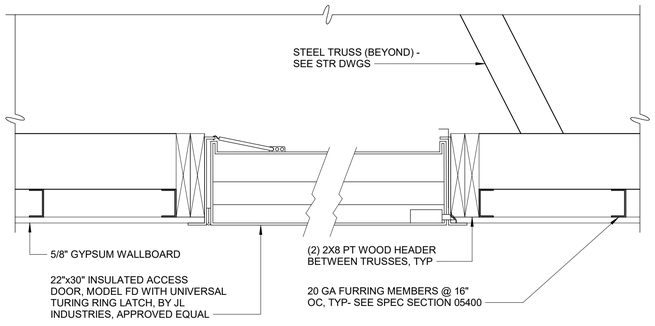
CEILING - LAY-IN ACOUSTICAL

DETAIL	1
1 1/2" = 1'-0"	A0020



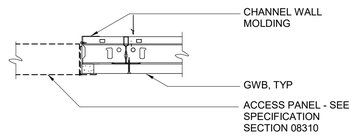
INTERIOR - GWB SOFFIT 2

DETAIL	3
1" = 1'-0"	A0020

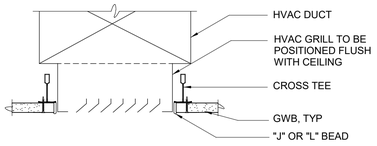


CEILING ACCESS DOOR - GWB

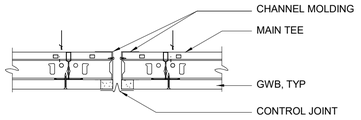
DETAIL	4
1 1/2" = 1'-0"	A0020



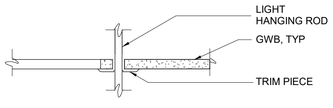
GWB ACCESS PANEL



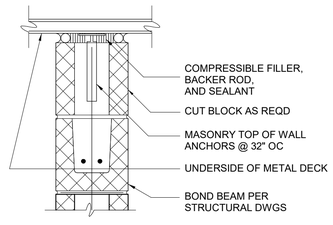
DUCT IN GWB CEILING



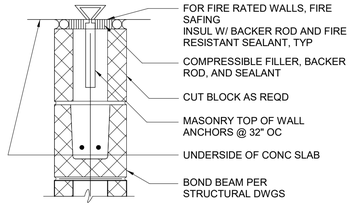
GWB CEILING CONTROL JT



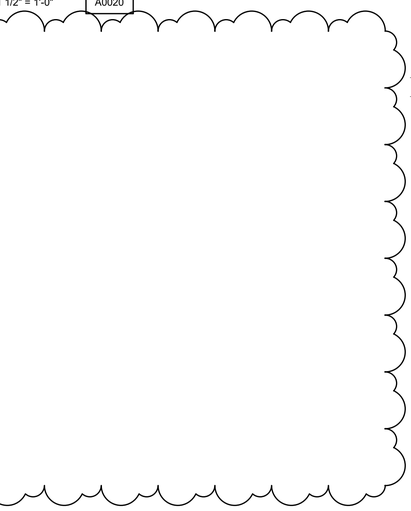
GWB CEILING PENETRATION



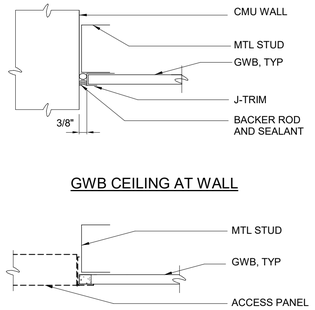
HEAD



HEAD

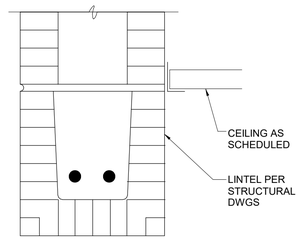


GWB BULKHEAD



GWB CEILING AT WALL

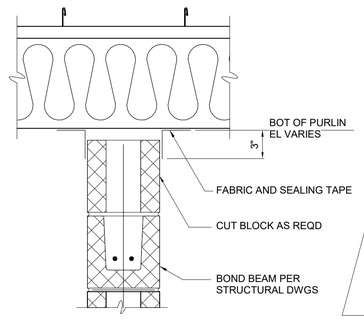
GWB ACCESS PANEL



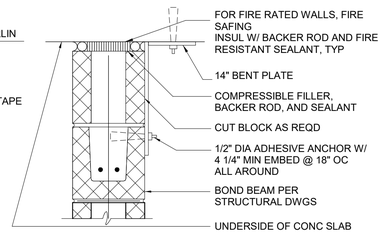
CMU BULKHEAD

CEILING DETAILS - GWB

DETAIL	6
3" = 1'-0"	A0020



HEAD



HEAD

MASONRY - CEILING CONDITIONS

DETAIL	7
1 1/2" = 1'-0"	A0020

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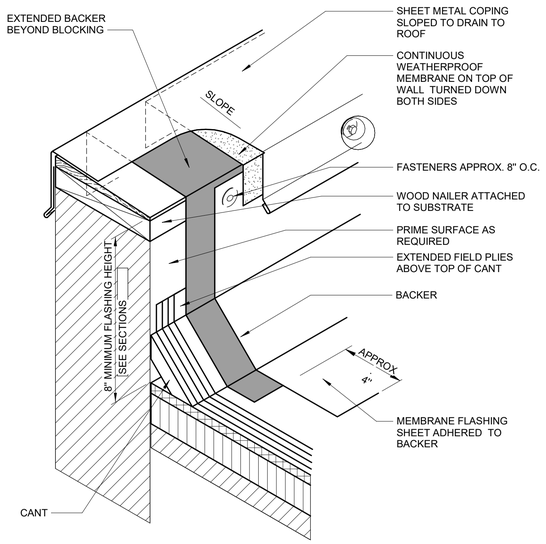
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
CEILING DETAILS

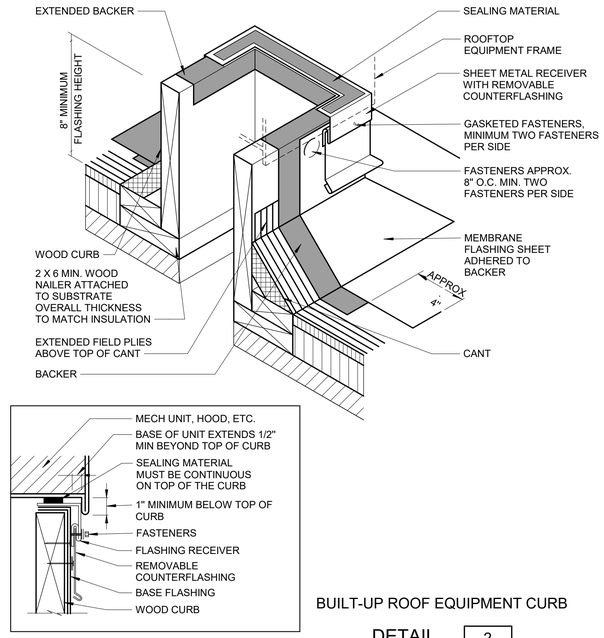
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0020

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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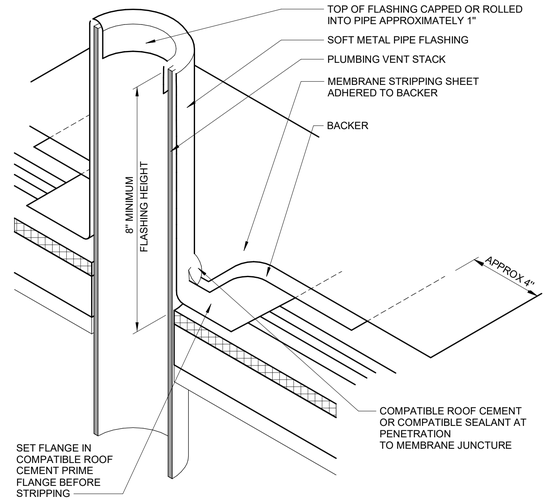
BUILT-UP ROOF PARAPET FLASHING

DETAIL	1
NTS	A0021



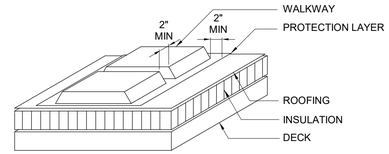
BUILT-UP ROOF EQUIPMENT CURB

DETAIL	2
NTS	A0021



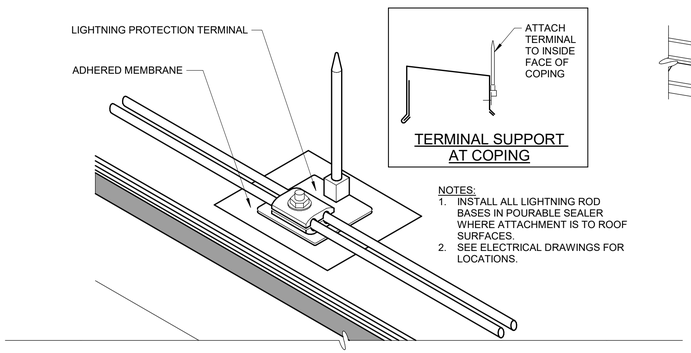
BUILT-UP ROOF PLUMBING VENT

DETAIL	3
NTS	A0021



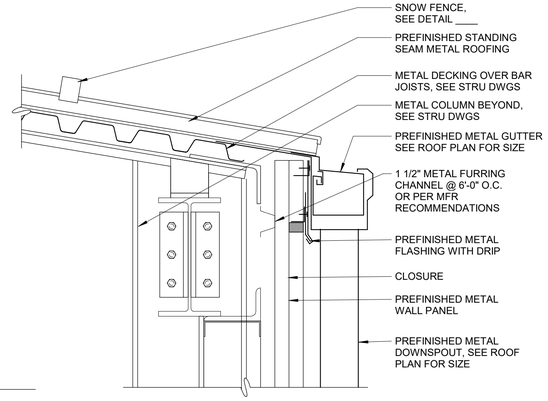
ROOF WALKWAY PAVERS

DETAIL	4
NTS	A0021



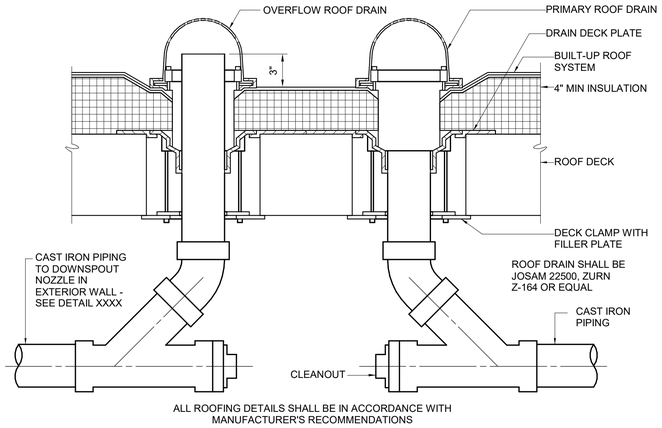
BUILT-UP ROOF LIGHTNING PROTECTION

DETAIL	5
NTS	A0021



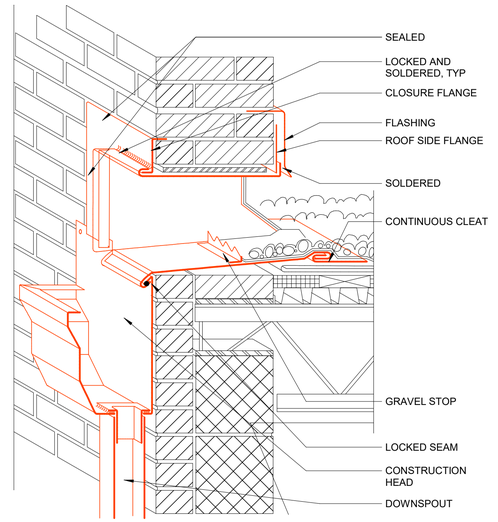
METAL CANOPY EAVE

DETAIL	7
1 1/2" = 1'-0"	A0021



BUILT-UP ROOF DRAIN1

DETAIL	8
1 1/2" = 1'-0"	A0021



THROUGH WALL SCUPPER AND DOWNSPOUT

DETAIL	9
1" = 80'-0"	A0021

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

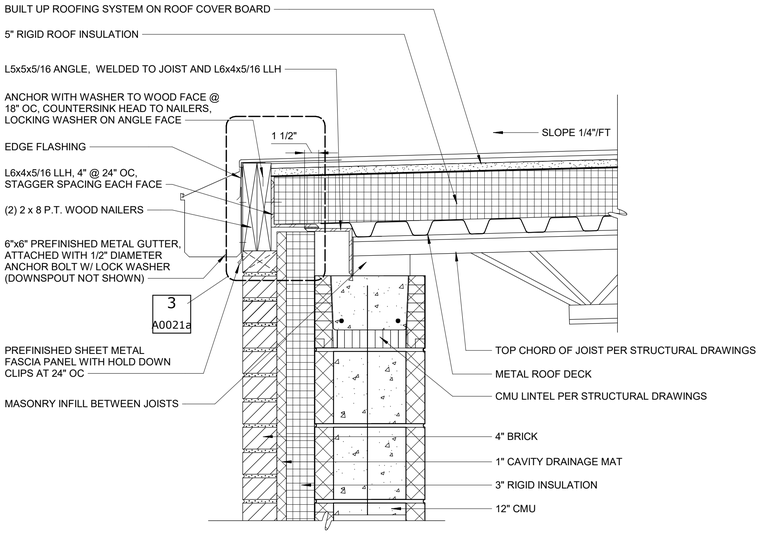
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
ROOF DETAILS

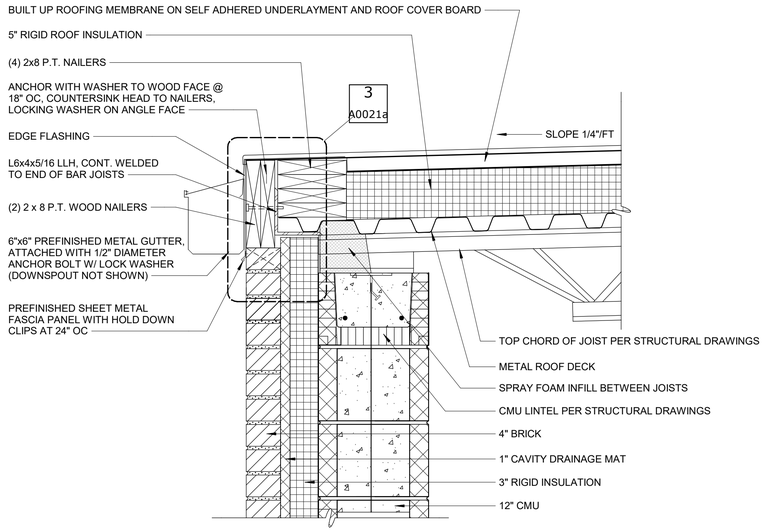
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0021

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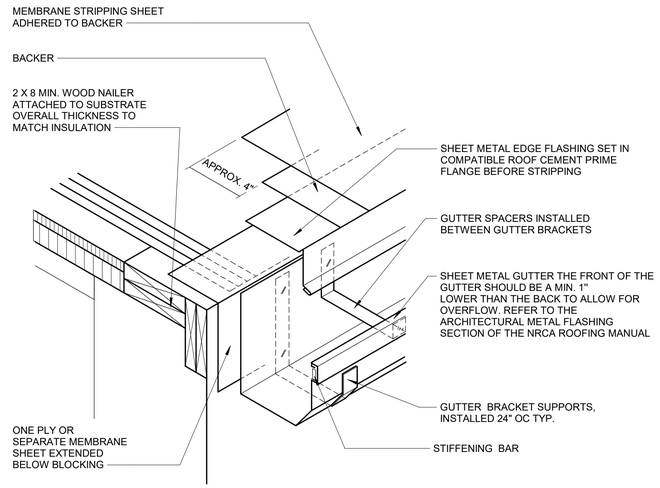
GUTTER ATTACHMENT DETAIL - ADJUSTED FOR EXISTING CONDITIONS

DETAIL	1
1 1/2" = 1'-0"	A0021a



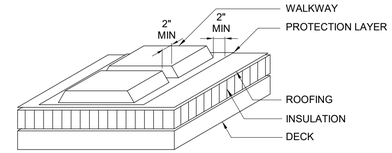
GUTTER ATTACHMENT DETAIL - PREFERRED STANDARD

DETAIL	2
1 1/2" = 1'-0"	A0021a



BUILT-UP ROOF GUTTER

DETAIL	3
NTS	A0021a



ROOF WALKWAY PAVERS1

DETAIL	4
NTS	A0021a

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-2026	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
ROOF DETAILS - GUTTER ATTACHMENT

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0021a

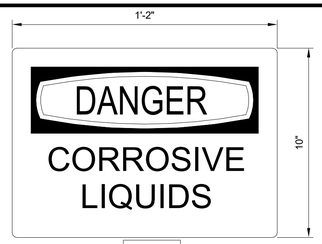
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ENVIRONMENTAL SAFETY



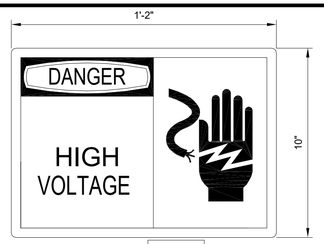
E-6



E-16



E-3



E-17



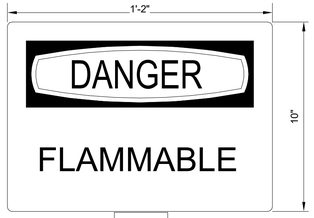
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E-5



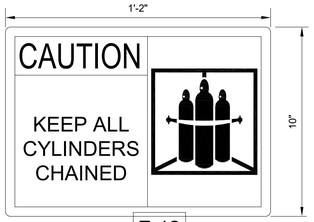
E-7



E-11



E-2



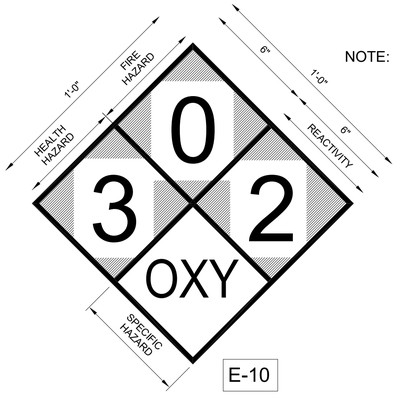
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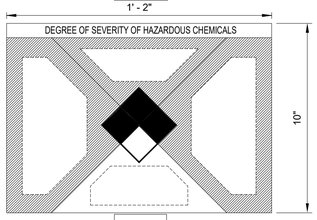
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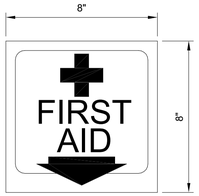
E-15



E-10



E-13



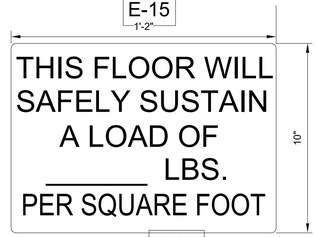
E-1



E-14



E-8

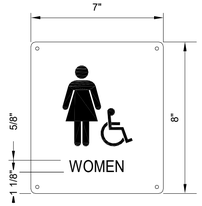


E-18

WAYFINDING

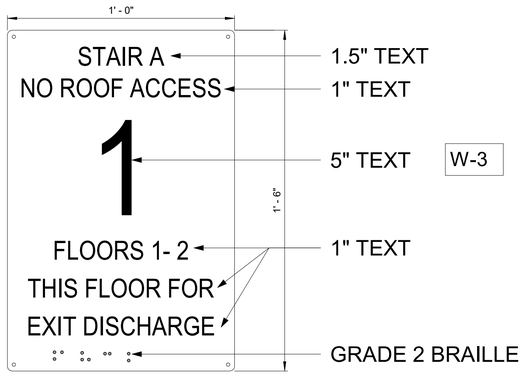


W-1





W-2

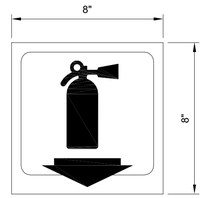


W-3

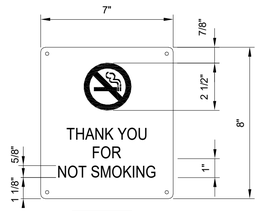
GENERAL SIGNAGE NOTES:

1. SEE SPECIFICATION SECTION 10 14 00 FOR DETAILED REQUIREMENTS ON FABRICATION AND INSTALLATION
2. SEE SHEET A0014 FOR SIGNAGE SCHEDULE SHOWING WORDING, SIZE, AND QUANTITY.
3. RAISED CHARACTERS SHALL BE UPPER CASE, RAISED 1/32" MIN ABOVE BACKGROUND AND BRAILLE SHALL BE CONTRACTED BELOW TO COMPLY WITH SECTION 703 OF THE ICC A117.1

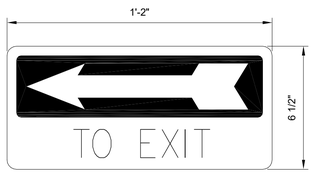
FIRE SAFETY AND EGRESS



FS-1



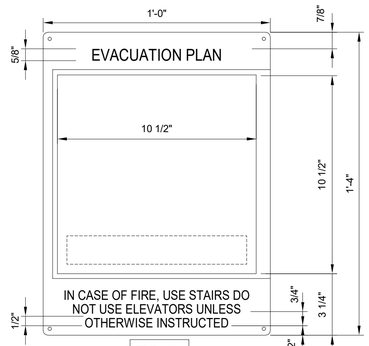
FS-2



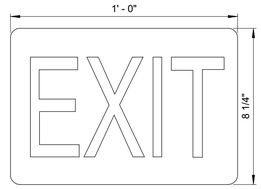
FS-3



FS-4



FS-5



FS-6

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

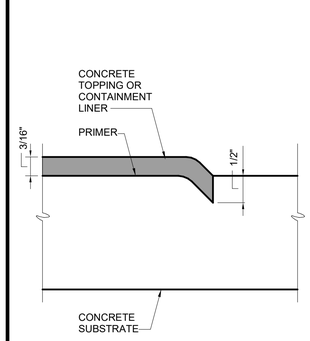
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
SIGNAGE

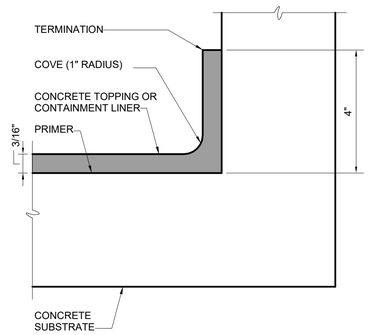
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0022

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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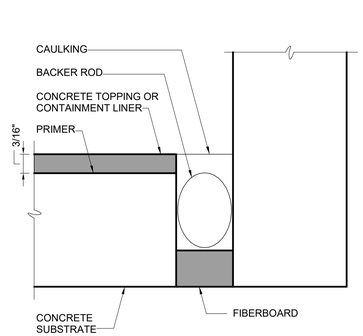
FLOOR - EDGE TERMINATION

DETAIL	4
3" = 1'-0"	A0023



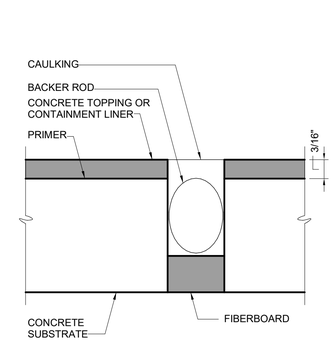
FLOOR - COVE BASE

DETAIL	5
3" = 1'-0"	A0023



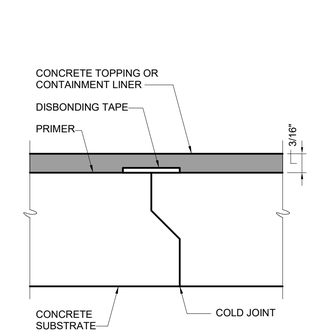
FLOOR - WALL EXPANSION JOINT

DETAIL	6
3" = 1'-0"	A0023



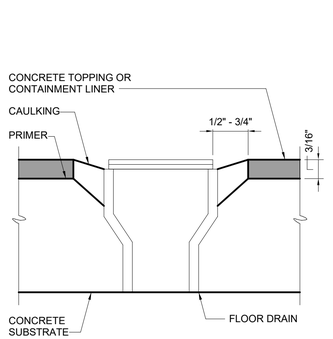
FLOOR - UNREINFORCED EXPANSION JOINT

DETAIL	7
3" = 1'-0"	A0023



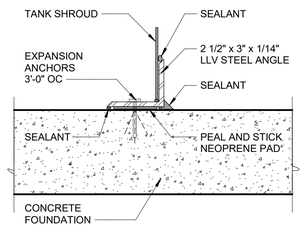
FLOOR - UNREINFORCED FLOOR COLD JOINT

DETAIL	8
3" = 1'-0"	A0023



FLOOR DRAIN - UNREINFORCED SYSTEM

DETAIL	9
3" = 1'-0"	A0023



BCB TANK SHROUD - EDGE SEAL

DETAIL	10
3" = 1'-0"	A0023

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

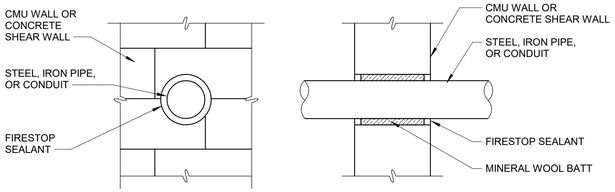
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
DETAILS - WIRING, RAILING, AND FLOORING

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0023

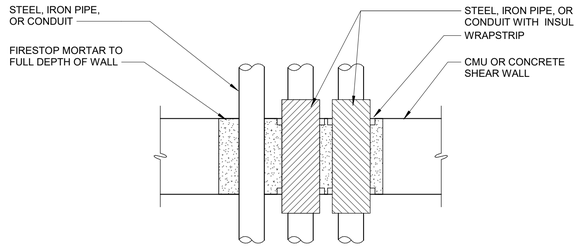
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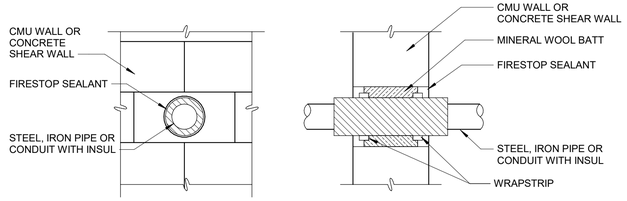
UL DESIGN C-AJ-1079

1-HR METALLIC PIPE THROUGH CMU OR CONCRETE SHEAR WALL

DETAIL	1
1" = 1'-0"	A0024



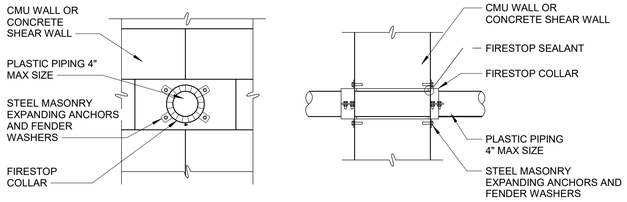
TOP VIEW



WALL UL DESIGN C-AJ-5051 OR C-AJ-5042

1-HR INSULATED METALLIC PIPE THROUGH CMU OR CONCRETE SHEAR WALL

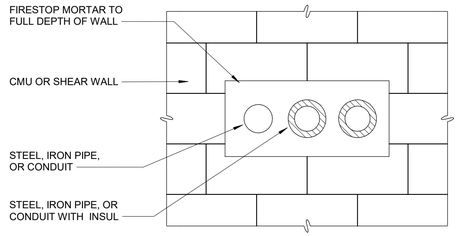
DETAIL	3
1" = 1'-0"	A0024



UL DESIGN C-AJ-2063

1-HR PLASTIC PIPE THROUGH CMU OR CONCRETE SHEAR WALL

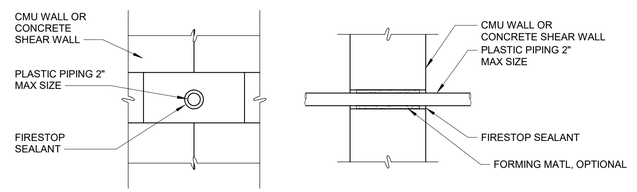
DETAIL	4
1" = 1'-0"	A0024



WALL UL DESIGN C-AJ-8033

1-HR MULTIPLE PIPES THROUGH CMU OR CONCRETE SHEAR WALL

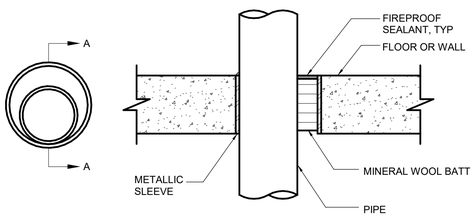
DETAIL	2
1" = 1'-0"	A0024



UL DESIGN C-AJ-2031

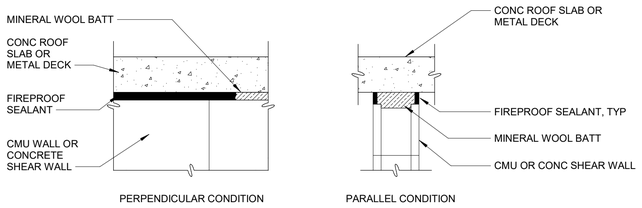
1-HR SMALL PLASTIC PIPE THROUGH CMU OR CONCRETE SHEAR WALL

DETAIL	5
1" = 1'-0"	A0024



1-HR PIPE THROUGH FLOOR

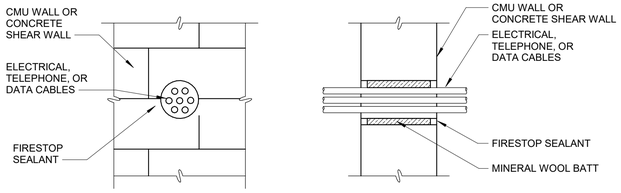
DETAIL	9
12" = 1'-0"	A0024



UL DESIGN HW-D-0027

1-HR TOP OF WALL

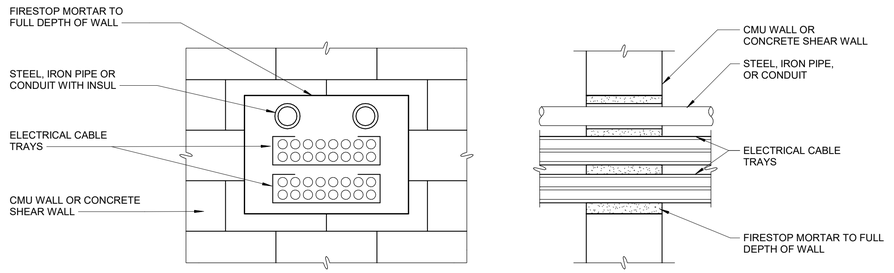
DETAIL	6
1" = 1'-0"	A0024



UL DESIGN C-AJ-3042

1-HR ELECTRICAL CABLE THROUGH CMU WALL

DETAIL	7
1" = 1'-0"	A0024



UL DESIGN C-AJ-8016

1-HR MULTIPLE PIPE/CABLE TRAY THROUGH CMU OR SHEAR WALL WALL

DETAIL	8
1" = 1'-0"	A0024

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

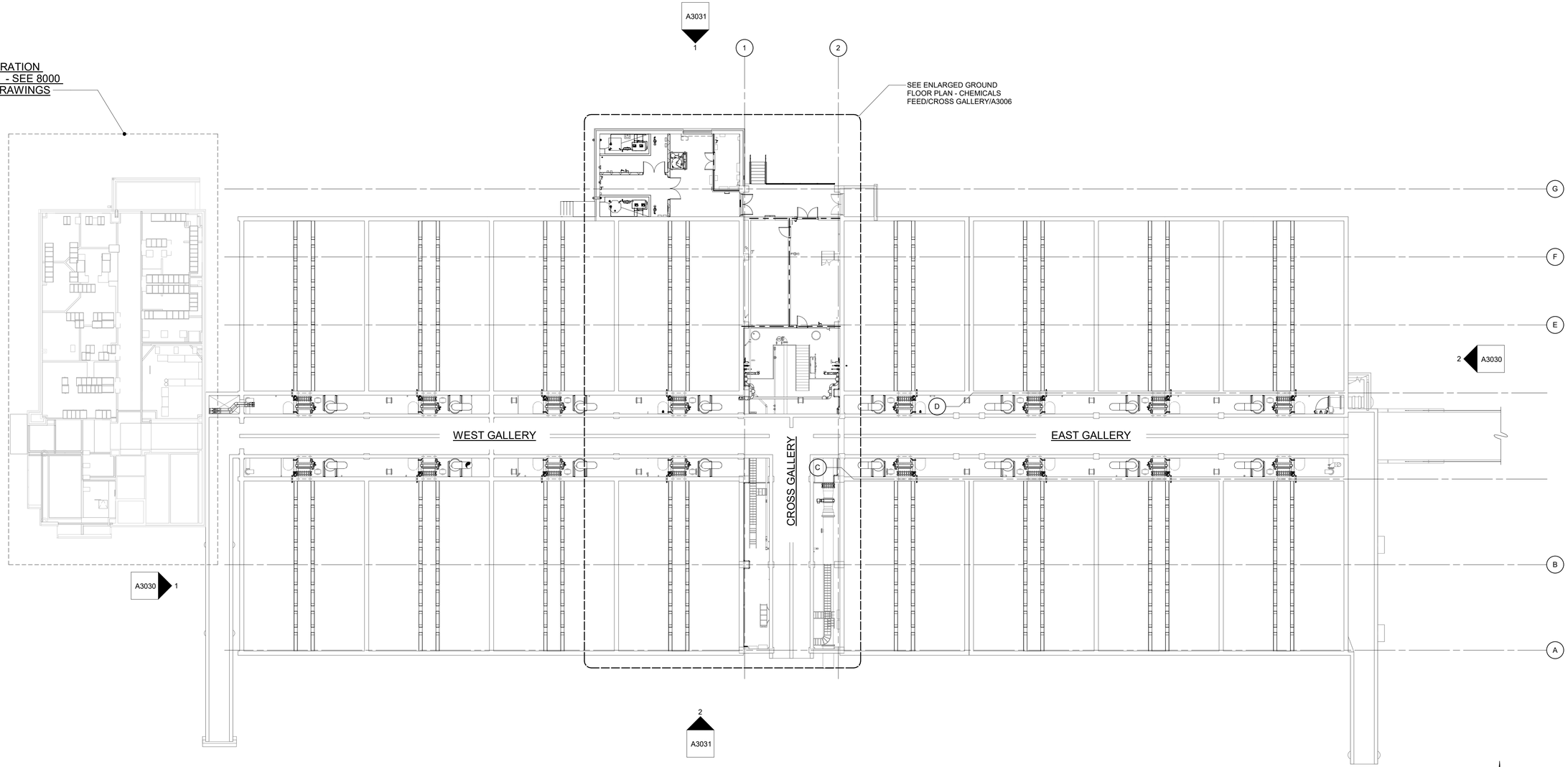
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
1-HR FIRESTOPPING DETAILS

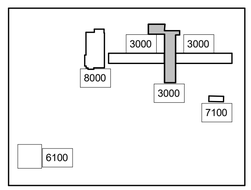
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A0024

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-A-GENERAL.rvt
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OVERALL GROUND FLOOR PLAN

1/16" = 1'-0"



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

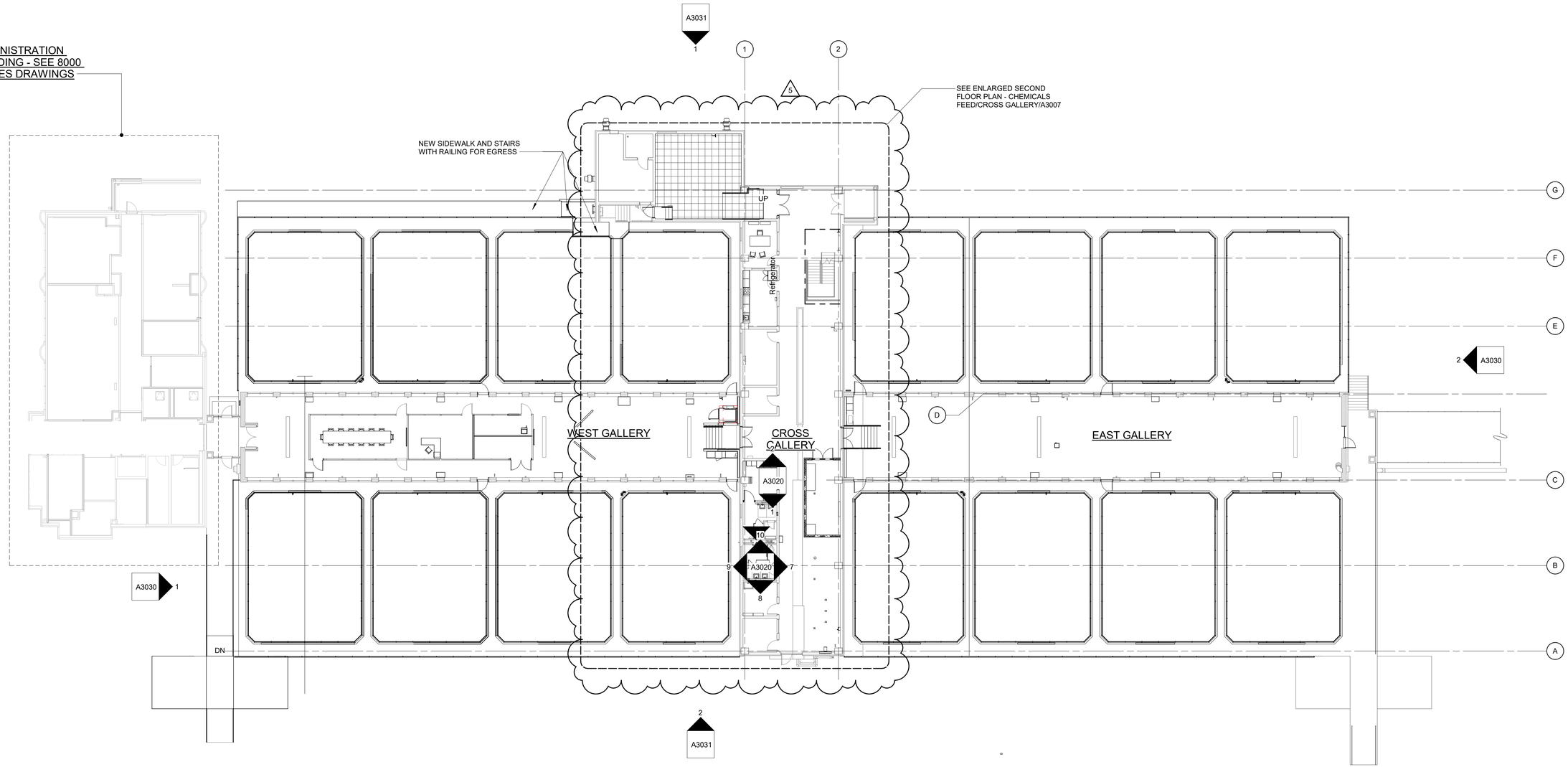
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
OVERALL GROUND FLOOR PLAN

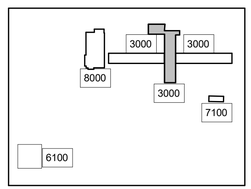
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3000

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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OVERALL SECOND FLOOR PLAN

1/16" = 1'-0"



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

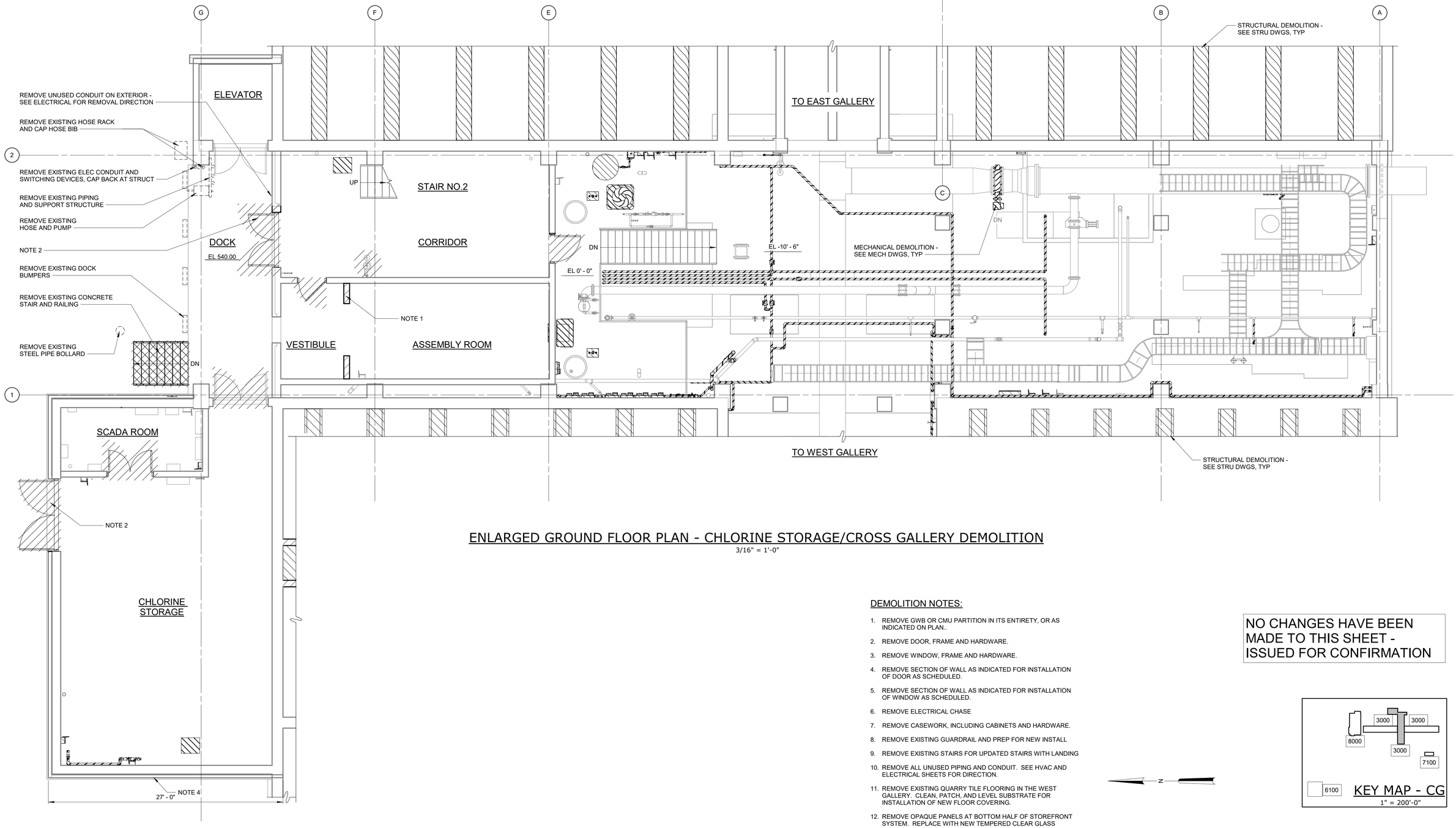
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
OVERALL SECOND FLOOR PLAN

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3001

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ENLARGED GROUND FLOOR PLAN - CHLORINE STORAGE/CROSS GALLERY DEMOLITION

3/16" = 1'-0"

DEMOLITION NOTES:

1. REMOVE GWB OR CMU PARTITION IN ITS ENTIRETY, OR AS INDICATED ON PLAN..
2. REMOVE DOOR, FRAME AND HARDWARE.
3. REMOVE WINDOW, FRAME AND HARDWARE.
4. REMOVE SECTION OF WALL AS INDICATED FOR INSTALLATION OF DOOR AS SCHEDULED.
5. REMOVE SECTION OF WALL AS INDICATED FOR INSTALLATION OF WINDOW AS SCHEDULED.
6. REMOVE ELECTRICAL CHASE
7. REMOVE CASEWORK, INCLUDING CABINETS AND HARDWARE.
8. REMOVE EXISTING GUARDRAIL AND PREP FOR NEW INSTALL
9. REMOVE EXISTING STAIRS FOR UPDATED STAIRS WITH LANDING
10. REMOVE ALL UNUSED PIPING AND CONDUIT. SEE HVAC AND ELECTRICAL SHEETS FOR DIRECTION.
11. REMOVE EXISTING QUARRY TILE FLOORING IN THE WEST GALLERY. CLEAN, PATCH, AND LEVEL SUBSTRATE FOR INSTALLATION OF NEW FLOOR COVERING.
12. REMOVE OPAQUE PANELS AT BOTTOM HALF OF STOREFRONT SYSTEM. REPLACE WITH NEW TEMPERED CLEAR GLASS PANELS. NORTH AND SOUTH WALLS.

NO CHANGES HAVE BEEN MADE TO THIS SHEET - ISSUED FOR CONFIRMATION

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H.VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

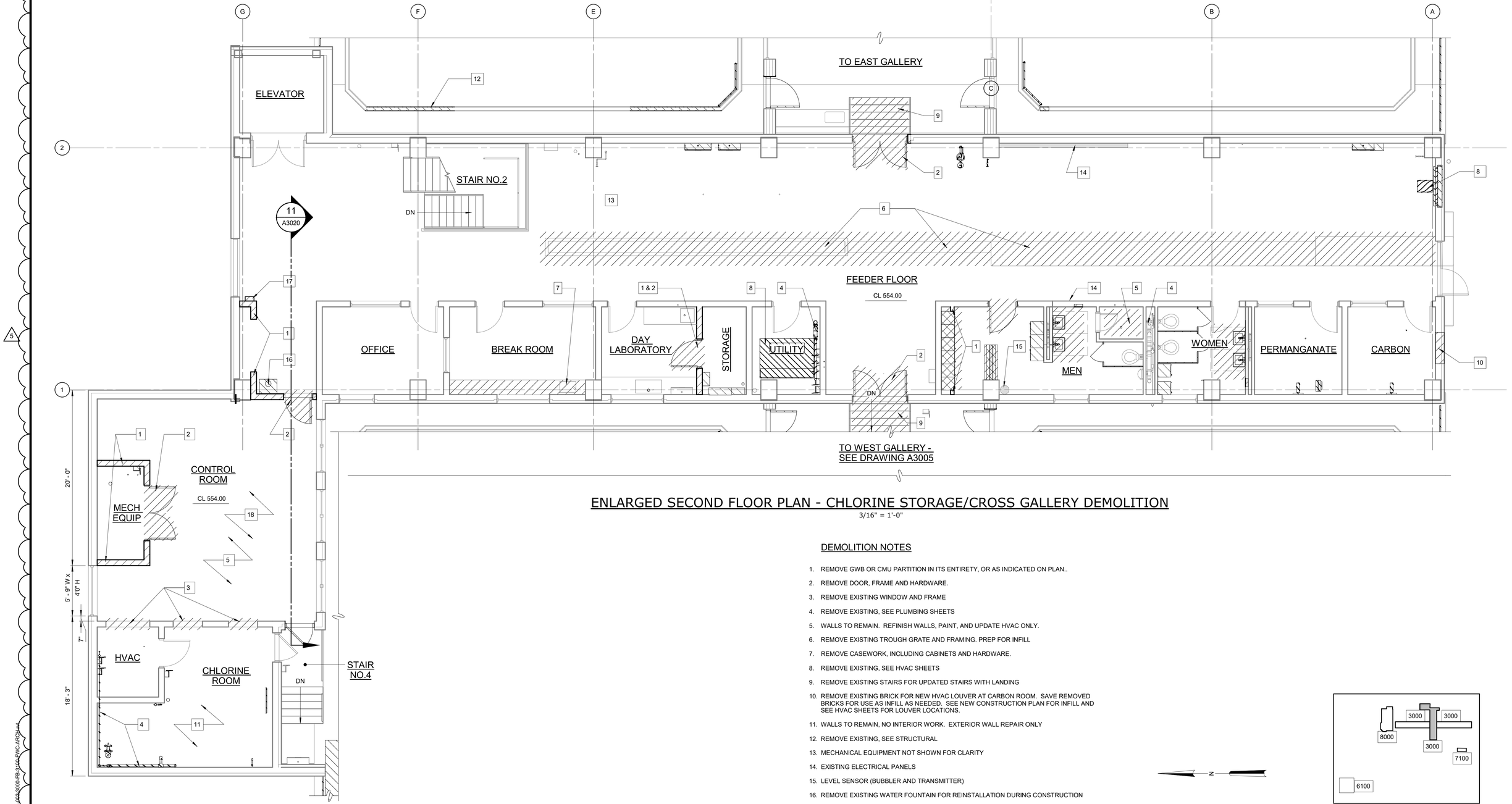
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
ENLARGED GROUND FLOOR PLAN - CROSS GALLERY DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3002

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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ENLARGED SECOND FLOOR PLAN - CHLORINE STORAGE/CROSS GALLERY DEMOLITION

3/16" = 1'-0"

DEMOLITION NOTES

1. REMOVE GWB OR CMU PARTITION IN ITS ENTIRETY, OR AS INDICATED ON PLAN..
2. REMOVE DOOR, FRAME AND HARDWARE.
3. REMOVE EXISTING WINDOW AND FRAME
4. REMOVE EXISTING, SEE PLUMBING SHEETS
5. WALLS TO REMAIN. REFINISH WALLS, PAINT, AND UPDATE HVAC ONLY.
6. REMOVE EXISTING TROUGH GRATE AND FRAMING. PREP FOR INFILL
7. REMOVE CASEWORK, INCLUDING CABINETS AND HARDWARE.
8. REMOVE EXISTING, SEE HVAC SHEETS
9. REMOVE EXISTING STAIRS FOR UPDATED STAIRS WITH LANDING
10. REMOVE EXISTING BRICK FOR NEW HVAC LOUVER AT CARBON ROOM. SAVE REMOVED BRICKS FOR USE AS INFILL AS NEEDED. SEE NEW CONSTRUCTION PLAN FOR INFILL AND SEE HVAC SHEETS FOR LOUVER LOCATIONS.
11. WALLS TO REMAIN, NO INTERIOR WORK. EXTERIOR WALL REPAIR ONLY
12. REMOVE EXISTING, SEE STRUCTURAL
13. MECHANICAL EQUIPMENT NOT SHOWN FOR CLARITY
14. EXISTING ELECTRICAL PANELS
15. LEVEL SENSOR (BUBBLER AND TRANSMITTER)
16. REMOVE EXISTING WATER FOUNTAIN FOR REINSTALLATION DURING CONSTRUCTION
17. REMOVE EXISTING TIME CARD MACHINE FOR REINSTALLATION DURING CONSTRUCTION
18. REMOVE EXISTING LAY-IN CEILING SYSTEM

KEY MAP - CG

1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

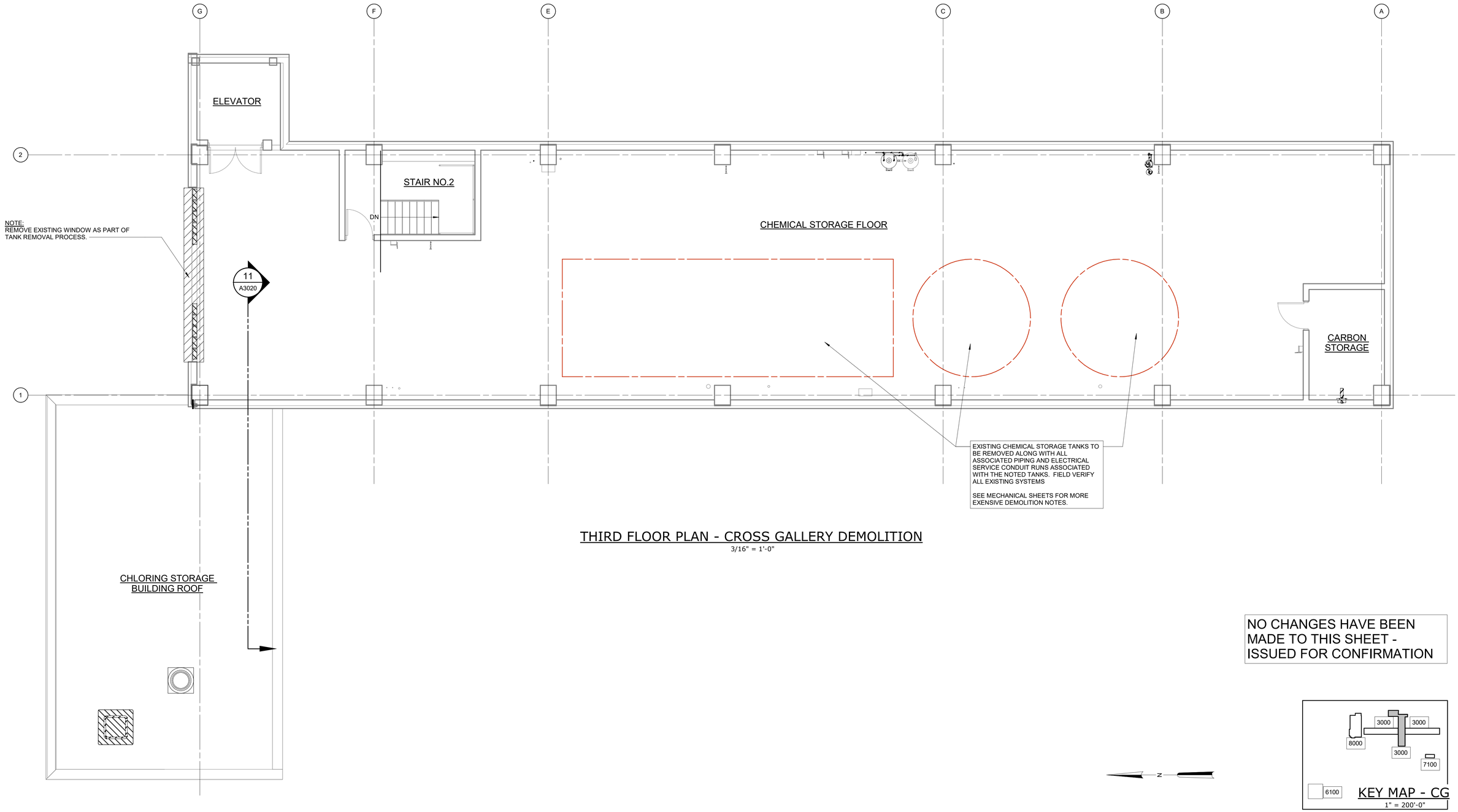
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
ENLARGED SECOND FLOOR PLAN - CROSS GALLERY DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3003

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THIRD FLOOR PLAN - CROSS GALLERY DEMOLITION

3/16" = 1'-0"

NO CHANGES HAVE BEEN MADE TO THIS SHEET - ISSUED FOR CONFIRMATION

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

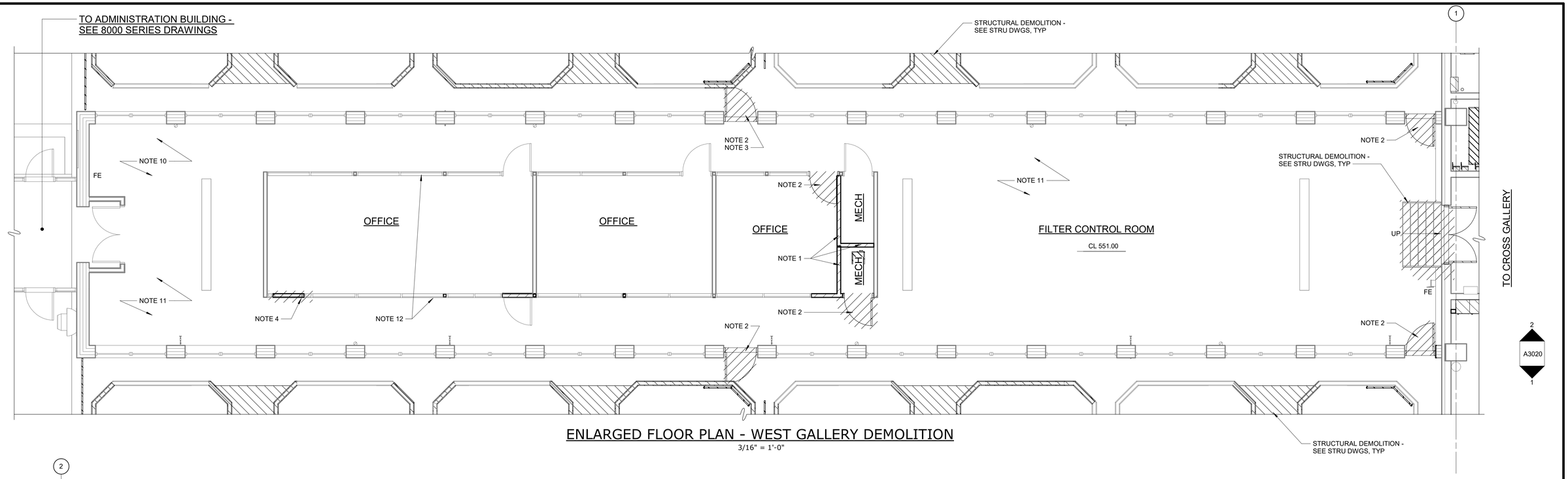
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
THIRD FLOOR PLAN - CROSS GALLERY DEMOLITION

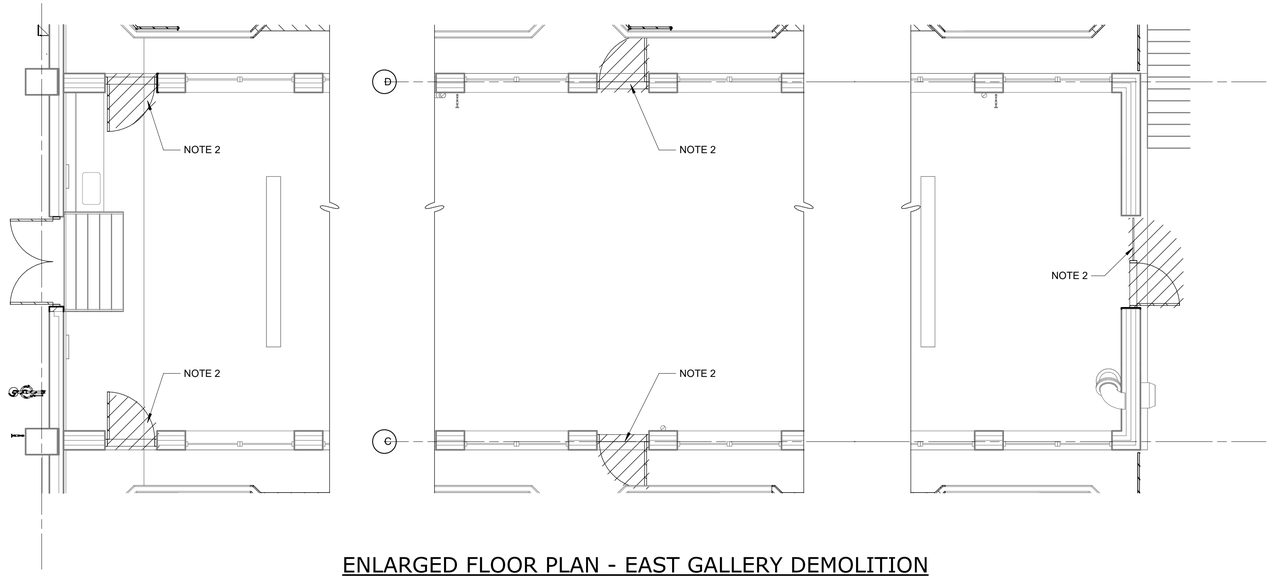
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3004

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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ENLARGED FLOOR PLAN - WEST GALLERY DEMOLITION

3/16" = 1'-0"



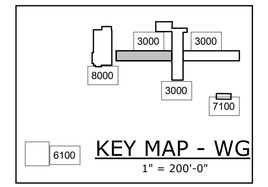
ENLARGED FLOOR PLAN - EAST GALLERY DEMOLITION

3/16" = 1'-0"

DEMOLITION NOTES:

1. REMOVE GWB OR CMU PARTITION IN ITS ENTIRETY, OR AS INDICATED ON PLAN..
2. REMOVE DOOR, FRAME AND HARDWARE.
3. REMOVE WINDOW, FRAME AND HARDWARE.
4. REMOVE SECTION OF WALL AS INDICATED FOR INSTALLATION OF DOOR AS SCHEDULED.
5. REMOVE SECTION OF WALL AS INDICATED FOR INSTALLATION OF WINDOW AS SCHEDULED.
6. REMOVE ELECTRICAL CHASE
7. REMOVE CASEWORK, INCLUDING CABINETS AND HARDWARE.
8. REMOVE EXISTING GUARDRAIL AND PREP FOR NEW INSTALL
9. REMOVE EXISTING STAIRS FOR UPDATED STAIRS WITH LANDING
10. REMOVE ALL UNUSED PIPING AND CONDUIT. SEE HVAC AND ELECTRICAL SHEETS FOR DIRECTION.
11. REMOVE EXISTING QUARRY TILE FLOORING IN THE WEST GALLERY. CLEAN, PATCH, AND LEVEL SUBSTRATE FOR INSTALLATION OF NEW FLOOR COVERING.
12. REMOVE OPAQUE PANELS AT BOTTOM HALF OF STOREFRONT SYSTEM. REPLACE WITH NEW TEMPERED CLEAR GLASS PANELS. NORTH AND SOUTH WALLS.

NO CHANGES HAVE BEEN MADE TO THIS SHEET - ISSUED FOR CONFIRMATION



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

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Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

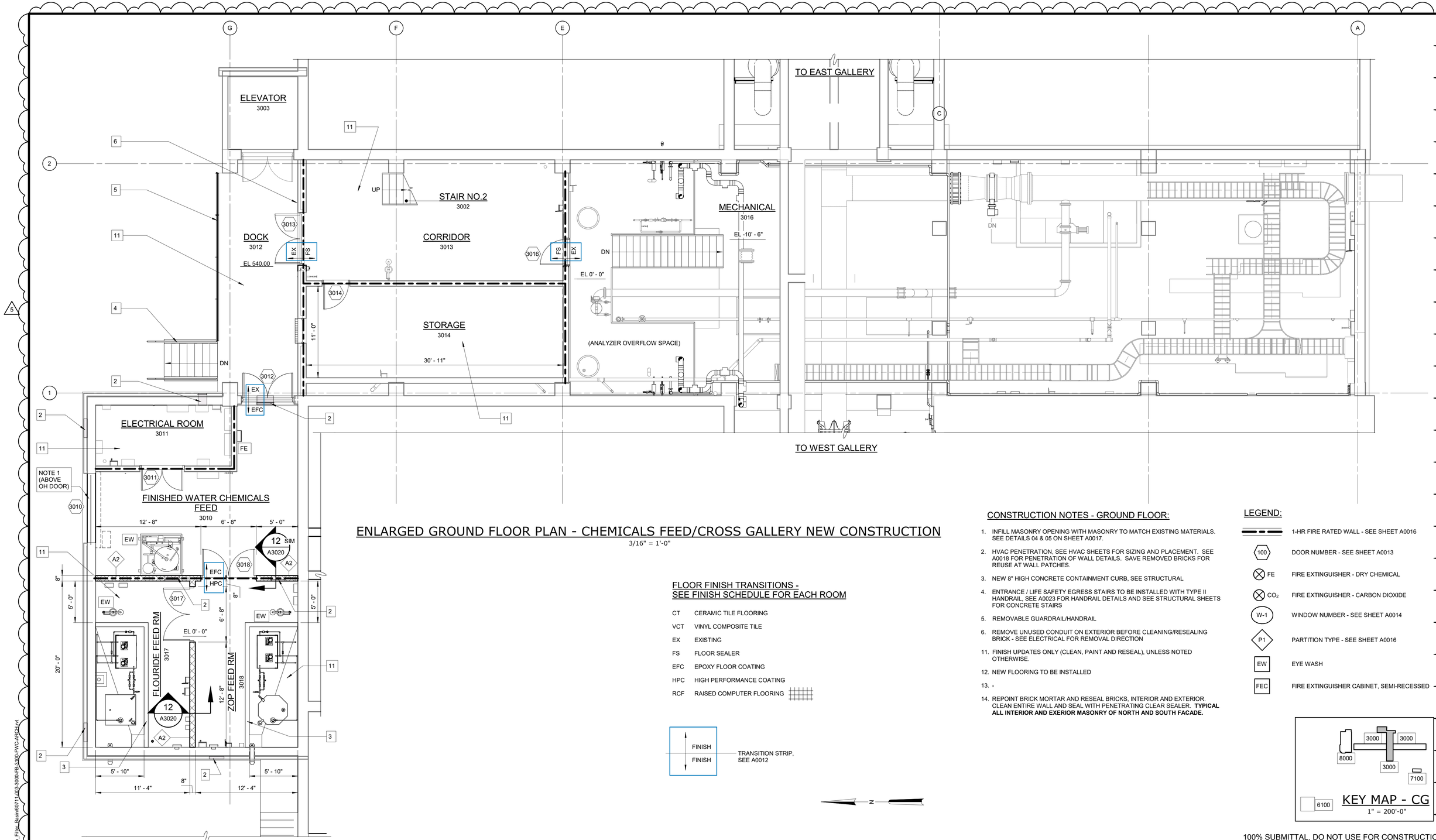
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
ENLARGED FLOOR PLAN - WEST GALLERY
DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3005

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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ENLARGED GROUND FLOOR PLAN - CHEMICALS FEED/CROSS GALLERY NEW CONSTRUCTION

3/16" = 1'-0"

FLOOR FINISH TRANSITIONS - SEE FINISH SCHEDULE FOR EACH ROOM

CT	CERAMIC TILE FLOORING
VCT	VINYL COMPOSITE TILE
EX	EXISTING
FS	FLOOR SEALER
EFC	EPOXY FLOOR COATING
HPC	HIGH PERFORMANCE COATING
RCF	RAISED COMPUTER FLOORING

FINISH / FINISH — TRANSITION STRIP, SEE A0012

CONSTRUCTION NOTES - GROUND FLOOR:

1. INFILL MASONRY OPENING WITH MASONRY TO MATCH EXISTING MATERIALS. SEE DETAILS 04 & 05 ON SHEET A0017.
2. HVAC PENETRATION, SEE HVAC SHEETS FOR SIZING AND PLACEMENT. SEE A0018 FOR PENETRATION OF WALL DETAILS. SAVE REMOVED BRICKS FOR REUSE AT WALL PATCHES.
3. NEW 8" HIGH CONCRETE CONTAINMENT CURB, SEE STRUCTURAL
4. ENTRANCE / LIFE SAFETY EGRESS STAIRS TO BE INSTALLED WITH TYPE II HANDRAIL, SEE A0023 FOR HANDRAIL DETAILS AND SEE STRUCTURAL SHEETS FOR CONCRETE STAIRS
5. REMOVABLE GUARDRAIL/HANDRAIL
6. REMOVE UNUSED CONDUIT ON EXTERIOR BEFORE CLEANING/RESEALING BRICK - SEE ELECTRICAL FOR REMOVAL DIRECTION
11. FINISH UPDATES ONLY (CLEAN, PAINT AND RESEAL), UNLESS NOTED OTHERWISE.
12. NEW FLOORING TO BE INSTALLED
13. -
14. REPOINT BRICK MORTAR AND RESEAL BRICKS, INTERIOR AND EXTERIOR. CLEAN ENTIRE WALL AND SEAL WITH PENETRATING CLEAR SEALER. **TYPICAL ALL INTERIOR AND EXERIOR MASONRY OF NORTH AND SOUTH FACADE.**

LEGEND:

- 1-HR FIRE RATED WALL - SEE SHEET A0016
- 100 — DOOR NUMBER - SEE SHEET A0013
- FE — FIRE EXTINGUISHER - DRY CHEMICAL
- CO_2 — FIRE EXTINGUISHER - CARBON DIOXIDE
- W-1 — WINDOW NUMBER - SEE SHEET A0014
- P1 — PARTITION TYPE - SEE SHEET A0016
- EW — EYE WASH
- FEC — FIRE EXTINGUISHER CABINET, SEMI-RECESSED

KEY MAP - CG

1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H.VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

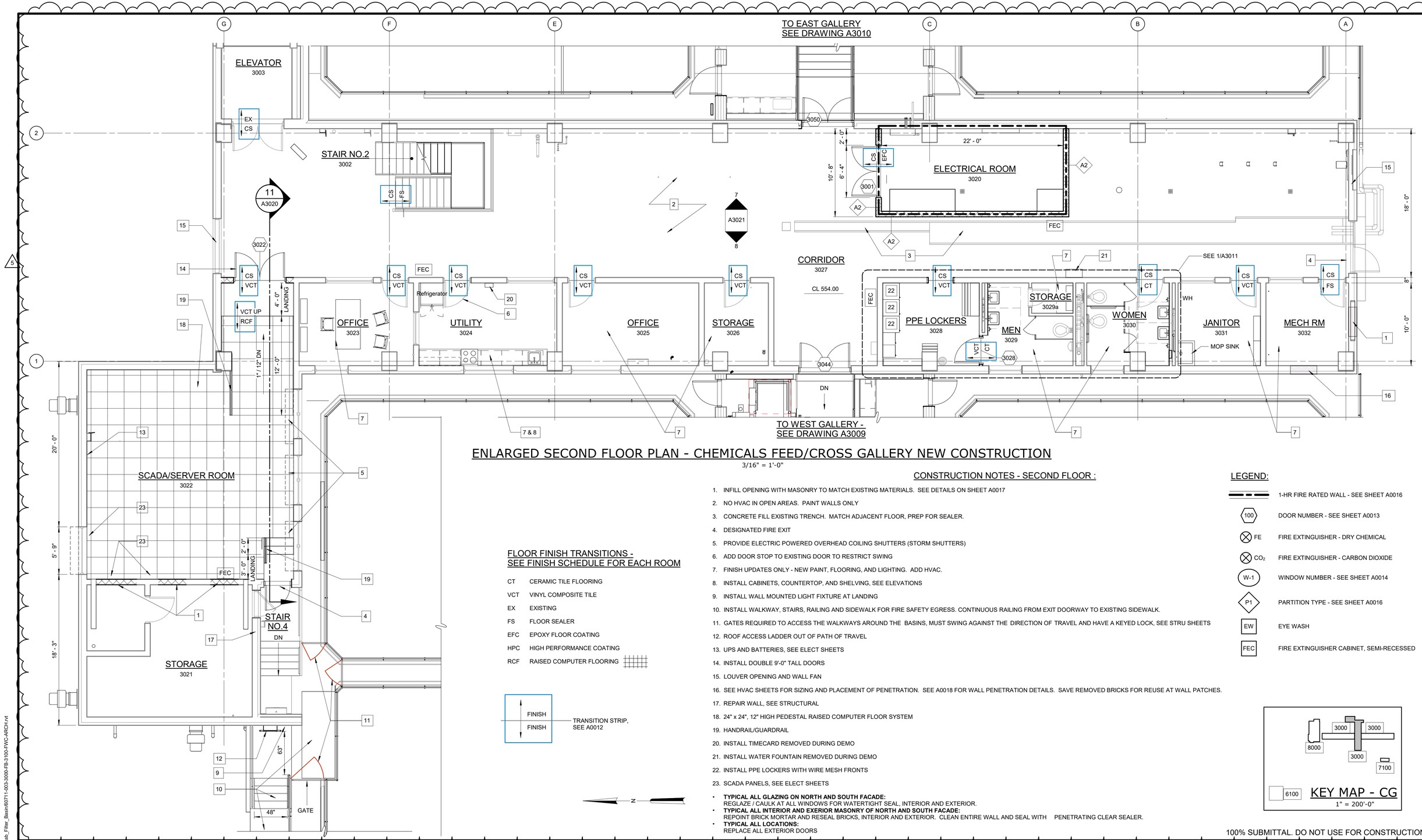
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
ENLARGED GROUND FLOOR AND FINISH PLAN - CROSS GALLERY NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3006

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-1100-FWC-ASCH.rvt
7/6/2026 2:43:08 PM



ENLARGED SECOND FLOOR PLAN - CHEMICALS FEED/CROSS GALLERY NEW CONSTRUCTION

3/16" = 1'-0"

FLOOR FINISH TRANSITIONS - SEE FINISH SCHEDULE FOR EACH ROOM

CT	CERAMIC TILE FLOORING
VCT	VINYL COMPOSITE TILE
EX	EXISTING
FS	FLOOR SEALER
EFC	EPOXY FLOOR COATING
HPC	HIGH PERFORMANCE COATING
RCF	RAISED COMPUTER FLOORING

FINISH / FINISH — TRANSITION STRIP, SEE A0012

CONSTRUCTION NOTES - SECOND FLOOR :

1. INFILL OPENING WITH MASONRY TO MATCH EXISTING MATERIALS. SEE DETAILS ON SHEET A0017
2. NO HVAC IN OPEN AREAS. PAINT WALLS ONLY
3. CONCRETE FILL EXISTING TRENCH. MATCH ADJACENT FLOOR, PREP FOR SEALER.
4. DESIGNATED FIRE EXIT
5. PROVIDE ELECTRIC POWERED OVERHEAD COILING SHUTTERS (STORM SHUTTERS)
6. ADD DOOR STOP TO EXISTING DOOR TO RESTRICT SWING
7. FINISH UPDATES ONLY - NEW PAINT, FLOORING, AND LIGHTING. ADD HVAC.
8. INSTALL CABINETS, COUNTERTOP, AND SHELVING, SEE ELEVATIONS
9. INSTALL WALL MOUNTED LIGHT FIXTURE AT LANDING
10. INSTALL WALKWAY, STAIRS, RAILING AND SIDEWALK FOR FIRE SAFETY EGRESS. CONTINUOUS RAILING FROM EXIT DOORWAY TO EXISTING SIDEWALK.
11. GATES REQUIRED TO ACCESS THE WALKWAYS AROUND THE BASINS, MUST SWING AGAINST THE DIRECTION OF TRAVEL AND HAVE A KEYED LOCK, SEE STRU SHEETS
12. ROOF ACCESS LADDER OUT OF PATH OF TRAVEL
13. UPS AND BATTERIES, SEE ELECT SHEETS
14. INSTALL DOUBLE 9'-0" TALL DOORS
15. LOUVER OPENING AND WALL FAN
16. SEE HVAC SHEETS FOR SIZING AND PLACEMENT OF PENETRATION. SEE A0018 FOR WALL PENETRATION DETAILS. SAVE REMOVED BRICKS FOR REUSE AT WALL PATCHES.
17. REPAIR WALL, SEE STRUCTURAL
18. 24" x 24", 12" HIGH PEDESTAL RAISED COMPUTER FLOOR SYSTEM
19. HANDRAIL/GUARDRAIL
20. INSTALL TIMECARD REMOVED DURING DEMO
21. INSTALL WATER FOUNTAIN REMOVED DURING DEMO
22. INSTALL PPE LOCKERS WITH WIRE MESH FRONTS
23. SCADA PANELS, SEE ELECT SHEETS

- **TYPICAL ALL GLAZING ON NORTH AND SOUTH FACADE:** REGLAZE / CAULK AT ALL WINDOWS FOR WATERTIGHT SEAL, INTERIOR AND EXTERIOR.
- **TYPICAL ALL INTERIOR AND EXERIOR MASONRY OF NORTH AND SOUTH FACADE:** REPOINT BRICK MORTAR AND RESEAL BRICKS, INTERIOR AND EXTERIOR. CLEAN ENTIRE WALL AND SEAL WITH PENETRATING CLEAR SEALER.
- **TYPICAL ALL LOCATIONS:** REPLACE ALL EXTERIOR DOORS

LEGEND:

	1-HR FIRE RATED WALL - SEE SHEET A0016
100	DOOR NUMBER - SEE SHEET A0013
FE	FIRE EXTINGUISHER - DRY CHEMICAL
CO_2	FIRE EXTINGUISHER - CARBON DIOXIDE
W-1	WINDOW NUMBER - SEE SHEET A0014
P1	PARTITION TYPE - SEE SHEET A0016
EW	EYE WASH
FEC	FIRE EXTINGUISHER CABINET, SEMI-RECESSED

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR
2	ADDENDUM 6	02-04-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

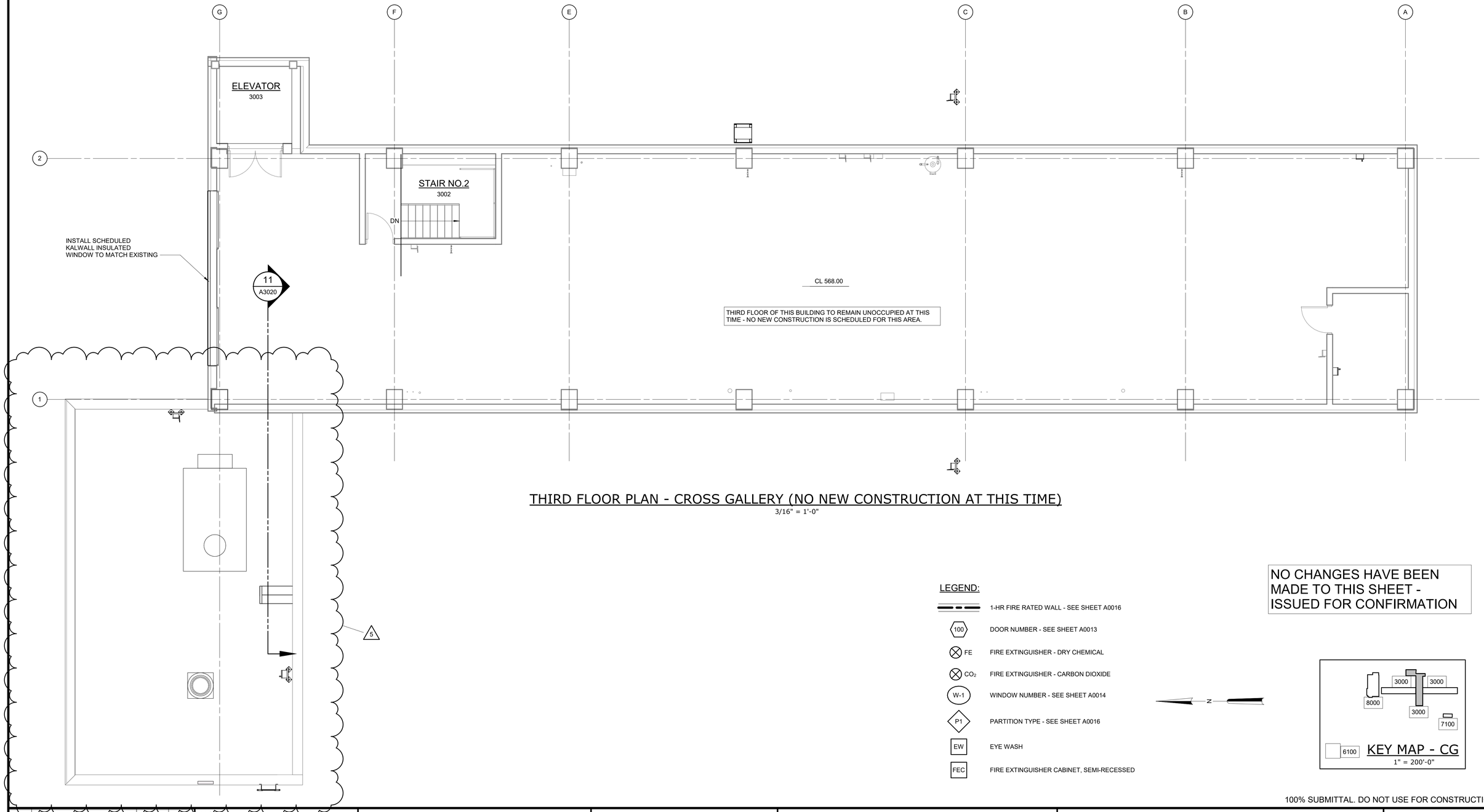
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
ENLARGED SECOND FLOOR AND FINISH PLAN - CROSS GALLERY NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3007

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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THIRD FLOOR PLAN - CROSS GALLERY (NO NEW CONSTRUCTION AT THIS TIME)

3/16" = 1'-0"

LEGEND:

- 1-HR FIRE RATED WALL - SEE SHEET A0016
- 100 — DOOR NUMBER - SEE SHEET A0013
- FE — FIRE EXTINGUISHER - DRY CHEMICAL
- CO_2 — FIRE EXTINGUISHER - CARBON DIOXIDE
- W-1 — WINDOW NUMBER - SEE SHEET A0014
- P1 — PARTITION TYPE - SEE SHEET A0016
- EW — EYE WASH
- FEC — FIRE EXTINGUISHER CABINET, SEMI-RECESSED

NO CHANGES HAVE BEEN MADE TO THIS SHEET - ISSUED FOR CONFIRMATION

KEY MAP - CG

1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

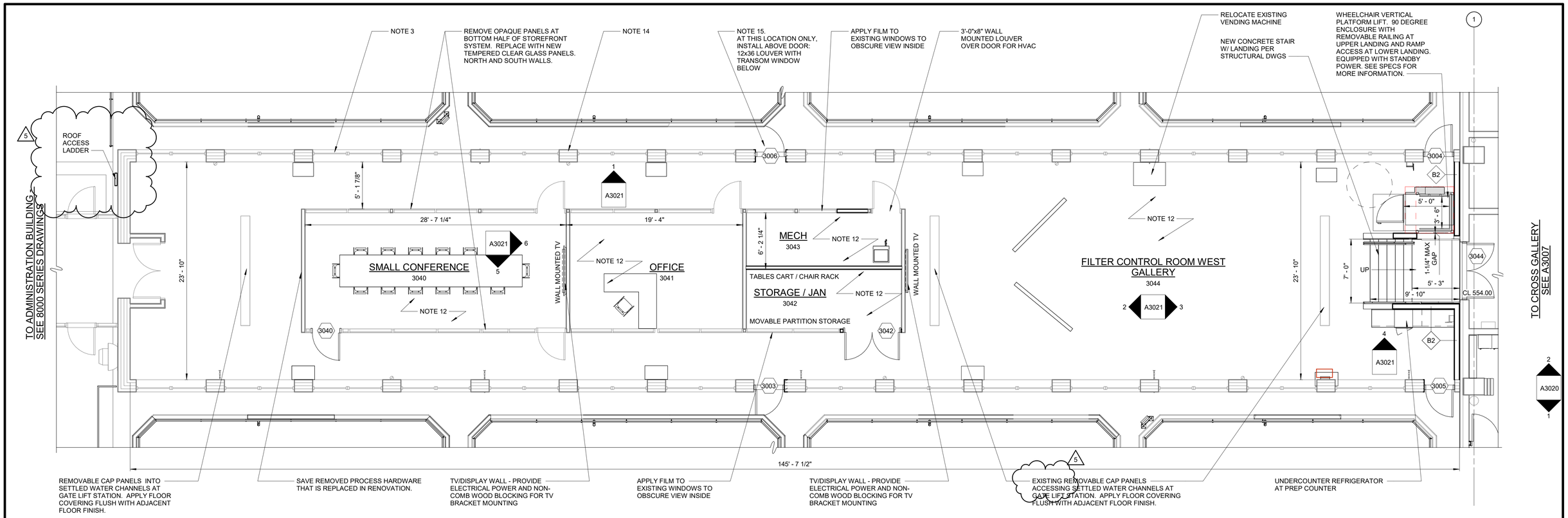
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
THIRD FLOOR PLAN - CROSS GALLERY NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3008

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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ENLARGED FLOOR PLAN - WEST GALLERY NEW CONSTRUCTION

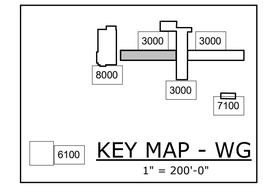
3/16" = 1'-0"

CONSTRUCTION NOTES - GROUND FLOOR:

1. INFILL MASONRY OPENING WITH MASONRY TO MATCH EXISTING MATERIALS. SEE DETAILS 04 & 05 ON SHEET A0017.
2. HVAC PENETRATION, SEE HVAC SHEETS FOR SIZING AND PLACEMENT. SEE A0018 FOR PENETRATION OF WALL DETAILS. SAVE REMOVED BRICKS FOR REUSE AT WALL PATCHES.
3. NEW 8" HIGH CONCRETE CONTAINMENT CURB, SEE STRUCTURAL
4. ENTRANCE / LIFE SAFETY EGRESS STAIRS TO BE INSTALLED WITH TYPE II HANDRAIL, SEE A0023 FOR HANDRAIL DETAILS AND SEE STRUCTURAL SHEETS FOR CONCRETE STAIRS
5. REMOVABLE GUARDRAIL/HANDRAIL
6. REMOVE UNUSED CONDUIT ON EXTERIOR BEFORE CLEANING/RESEALING BRICK - SEE ELECTRICAL FOR REMOVAL DIRECTION
11. FINISH UPDATES ONLY (CLEAN, PAINT AND RESEAL), UNLESS NOTED OTHERWISE.
12. NEW FLOORING TO BE INSTALLED
13. -
14. REPOINT BRICK MORTAR AND RESEAL BRICKS, INTERIOR AND EXTERIOR. CLEAN ENTIRE WALL AND SEAL WITH PENETRATING CLEAR SEALER. **TYPICAL ALL INTERIOR AND EXERIOR MASONRY OF NORTH AND SOUTH FACADE.**

LEGEND:

- 1-HR FIRE RATED WALL - SEE SHEET A0016
- 100 — DOOR NUMBER - SEE SHEET A0013
- FE — FIRE EXTINGUISHER - DRY CHEMICAL
- CO_2 — FIRE EXTINGUISHER - CARBON DIOXIDE
- W-1 — WINDOW NUMBER - SEE SHEET A0014
- P1 — PARTITION TYPE - SEE SHEET A0016
- EW — EYE WASH
- FEC — FIRE EXTINGUISHER CABINET, SEMI-RECESSED



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
4	RFI 026 PERMIT COMMENTS	08-14-25	
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 — 1/2" — 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

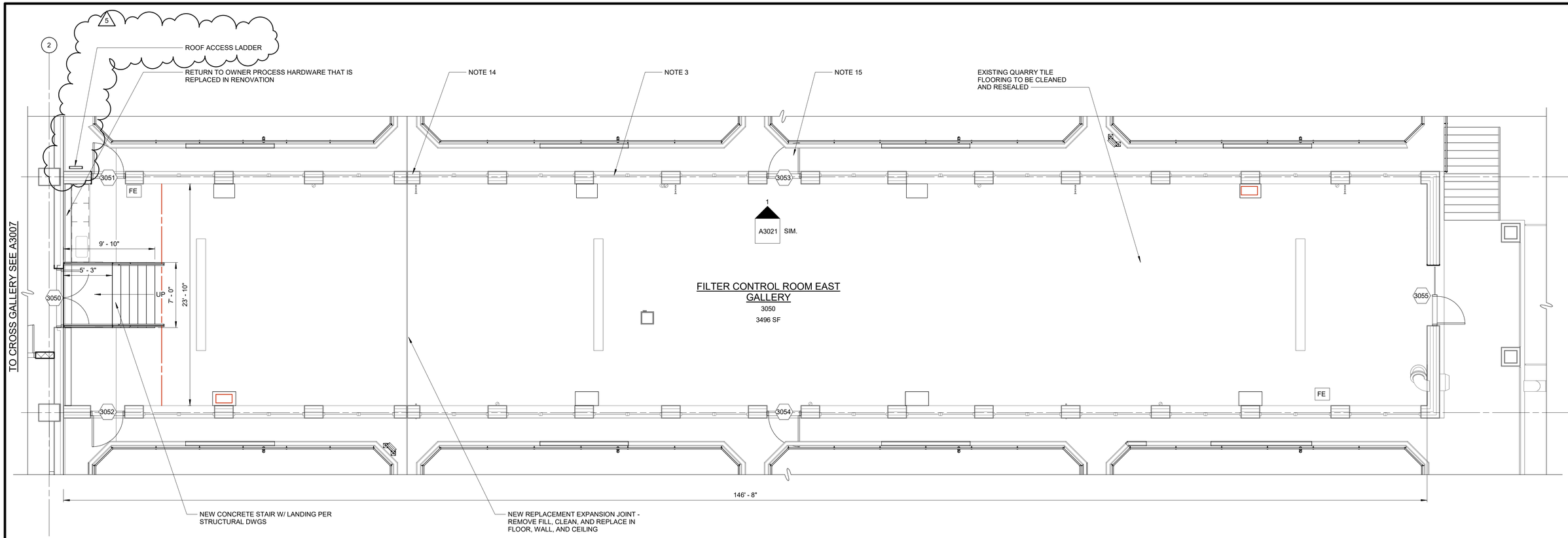
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
ENLARGED FLOOR PLAN -
WEST GALLERY NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3009

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ENLARGED TOP PLAN - EAST GALLERY NEW CONSTRUCTION

3/16" = 1'-0"

CONSTRUCTION NOTES - GROUND FLOOR:

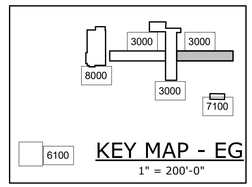
1. INFILL MASONRY OPENING WITH MASONRY TO MATCH EXISTING MATERIALS. SEE DETAILS 04 & 05 ON SHEET A0017.
2. HVAC PENETRATION, SEE HVAC SHEETS FOR SIZING AND PLACEMENT. SEE A0018 FOR PENETRATION OF WALL DETAILS. SAVE REMOVED BRICKS FOR REUSE AT WALL PATCHES.
3. NEW 8" HIGH CONCRETE CONTAINMENT CURB, SEE STRUCTURAL
4. ENTRANCE / LIFE SAFETY EGRESS STAIRS TO BE INSTALLED WITH TYPE II HANDRAIL, SEE A0023 FOR HANDRAIL DETAILS AND SEE STRUCTURAL SHEETS FOR CONCRETE STAIRS
5. REMOVABLE GUARDRAIL/HANDRAIL
6. REMOVE UNUSED CONDUIT ON EXTERIOR BEFORE CLEANING/RESEALING BRICK - SEE ELECTRICAL FOR REMOVAL DIRECTION

11. FINISH UPDATES ONLY (CLEAN, PAINT AND RESEAL), UNLESS NOTED OTHERWISE.
12. NEW FLOORING TO BE INSTALLED
13. -
14. REPOINT BRICK MORTAR AND RESEAL BRICKS, INTERIOR AND EXTERIOR. CLEAN ENTIRE WALL AND SEAL WITH PENETRATING CLEAR SEALER. **TYPICAL ALL INTERIOR AND EXERIOR MASONRY OF NORTH AND SOUTH FACADE.**

LEGEND:

- 1-HR FIRE RATED WALL - SEE SHEET A0016
- 100 — DOOR NUMBER - SEE SHEET A0013
- FE — FIRE EXTINGUISHER - DRY CHEMICAL
- CO_2 — FIRE EXTINGUISHER - CARBON DIOXIDE
- W-1 — WINDOW NUMBER - SEE SHEET A0014
- P1 — PARTITION TYPE - SEE SHEET A0016
- EW — EYE WASH
- FEC — FIRE EXTINGUISHER CABINET, SEMI-RECESSED

N



KEY MAP - EG

1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
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DALLAS, TEXAS 75206

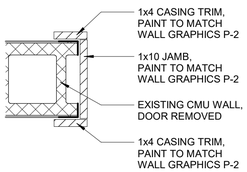
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
ENLARGED FLOOR PLAN -
EAST GALLERY NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3010

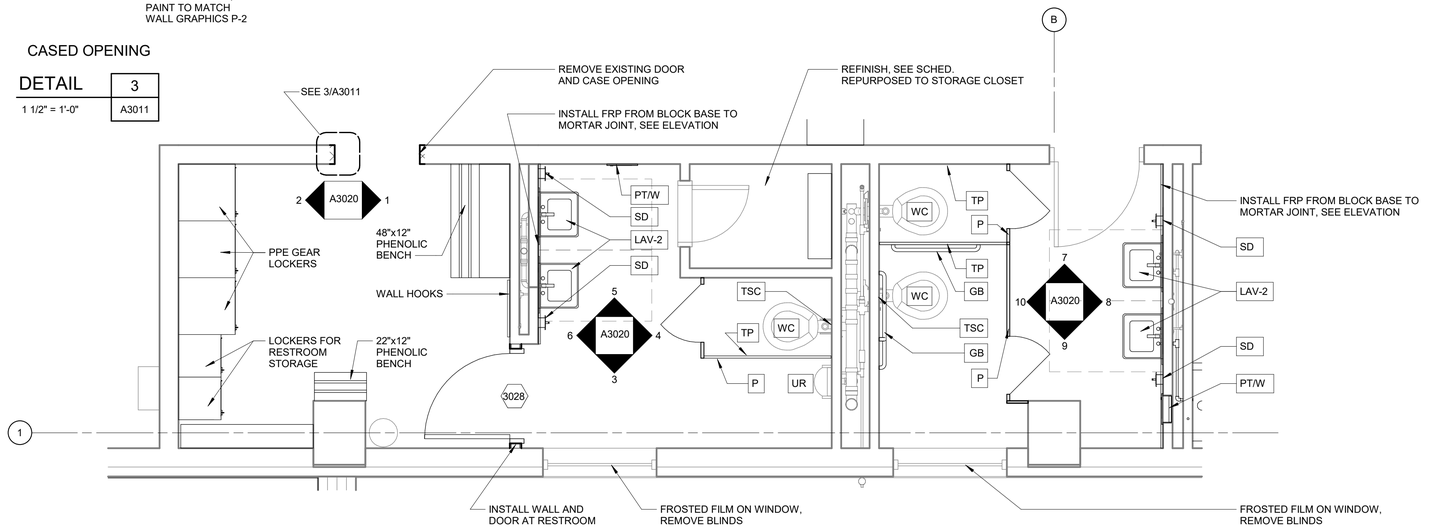
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CASED OPENING

DETAIL 3 / A3011

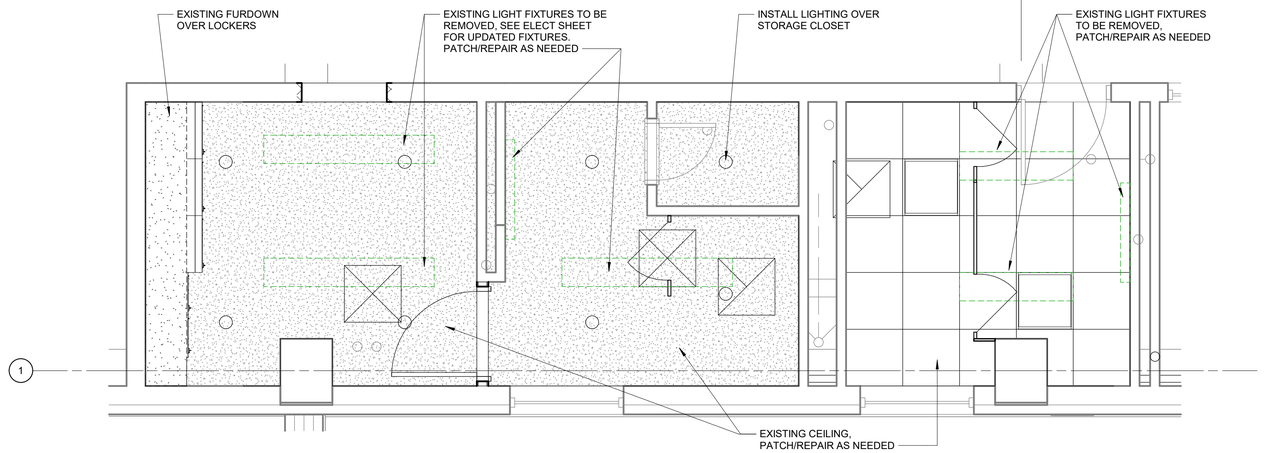
1 1/2" = 1'-0"



FILTER BATHROOM RENOVATION

DETAIL 1 / A3007

3/8" = 1'-0"



ENLARGED CEILING PLAN - FILTER BATHROOMS RENOVATION

DETAIL 2 / A3016

3/8" = 1'-0"

LEGEND:

- 1-HR FIRE RATED WALL - SEE SHEET A0016
- 100 — DOOR NUMBER - SEE SHEET A0013
- FE — FIRE EXTINGUISHER - DRY CHEMICAL
- CO_2 — FIRE EXTINGUISHER - CARBON DIOXIDE
- W-1 — WINDOW NUMBER - SEE SHEET A0014
- P1 — PARTITION TYPE - SEE SHEET A0016
- EW — EYE WASH
- FEC — FIRE EXTINGUISHER CABINET, SEMI-RECESSED

ENLARGED PLAN NOTES:

1. INFILL MASONRY DOOR OPENING WITH MASONRY TO MATCH EXISTING MATERIALS. SEE DETAILS 04 & 05 ON SHEET A0017.
2. INFILL WINDOW OPENING WITH MASONRY TO MATCH EXISTING. SEE DETAILS 04 & 05 ON SHEET A0017.
3. MIRROR
4. SHOWER CONTROLS WALL
5. LOCKERS TO BE PROVIDED, SEE SHEET A0019 FOR MORE INFORMATION.
6. EXISTING LOUVER REMOVED. INFILL MASONRY OPENING WITH MASONRY TO MATCH EXISTING MATERIALS. SEE DETAILS 04 & 05 ON SHEET A0017.
7. ADA ACCESSIBLE LOCKER, QUANTITY (1) REQUIRED
8. SEE SHEET A0019 FOR REQUIRED MOUNTING LOCATIONS OF ALL TOILET FIXTURES , GRABBARS, AND WATER COOLER. SEE SPECIFICATIONS FOR TOILET ACCESSORIES AND TOILET PARTITIONS.
9. SEE SHEET A0019, DETAIL 04 FOR SHOWER SECTION AND CEILING TREATMENT
10. BENCH, 48" x18"
11. EXISTING ELECTRICAL CHASE
12. REMOVE ALL OLD PIPES NOT USED. RUN NEW CONDUIT LINES FOR CLEAN ORGANIZATION.
13. BATHROOMS SHALL BE REFINISHED WITH COUNTERS AND PARTITIONS. SEE A0019 FOR REQUIRED MOUNTING HEIGHTS. SEE FINISH SCHEDULE FOR ROOM FINISHES.
14. PROVIDE SOUND ATTENUATION BLANKETS IN WALL - STC 40 MIN. UP TO BOTTOM OF DECK. PROVIDE ACCOUSTICAL SEALANT AT BOTTOM OF STUD TRACK

TOILET ACCESSORIES

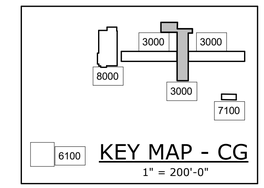
WC	WATER CLOSET	GB	GRAB BAR
UR	URINAL	SND	SANITARY NAPKIN DISPOSAL
PT/W	RECESSED PAPER TOWEL DISPENSER W/ WASTE RECEPTICAL	TP	SURFACE MOUNTED TOILET PAPER DISPENSER
M	FRAMELESS MIRROR W/ SHELF	WF	HIGH/LOW WATER FOUNTAIN
SD	SOAP DISPENSER	SH	PREFABRICATED SHOWER UNIT
LAV-2	WALL MOUNTED LAVATORY	M	MIRROR
P	TOILET PARTITION	R/C	SHOWER ROD AND CURTAIN
CH	COAT HOOK	DB	DOOR BUMPER
TSC	TOILET SEAT COVER DISPENSER		

SEE SHEET A0019 FOR MOUNTING HEIGHTS AND DETAILS

LEGEND:

- 2' x 2' LAY-IN ACOUSTICAL CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- GYPSUM BOARD CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- EXP STR — EXPOSED STRUCTURE
- 2X2 and 2X4 LED LAY IN LIGHT FIXTURE, SEE ELEC DWGS
- RECESSED LED CAN LIGHT, SEE ELEC DWGS
- RECESSED LED WALL WASHER CAN LIGHT, SEE ELEC DWGS
- WALL MOUNTED LIGHT FIXTURE, SEE ELEC DWGS
- PENDANT LIGHT FIXTURE, SEE ELEC DWGS
- SPECIALTY LIGHT FIXTURE, SEE ELEC DWGS
- UNDER CABINET LIGHT FIXTURE, SEE ELEC DWGS
- HVAC - RETURN GRILL, SEE MECH DWGS
- HVAC - SUPPLY DIFFUSER, SEE MECH DWGS
- HVAC - EXHAUST FAN, SEE MECH DWGS
- EMERGENCY EXIT LIGHTING, SEE LIFE SAFETY PLANS

N



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REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
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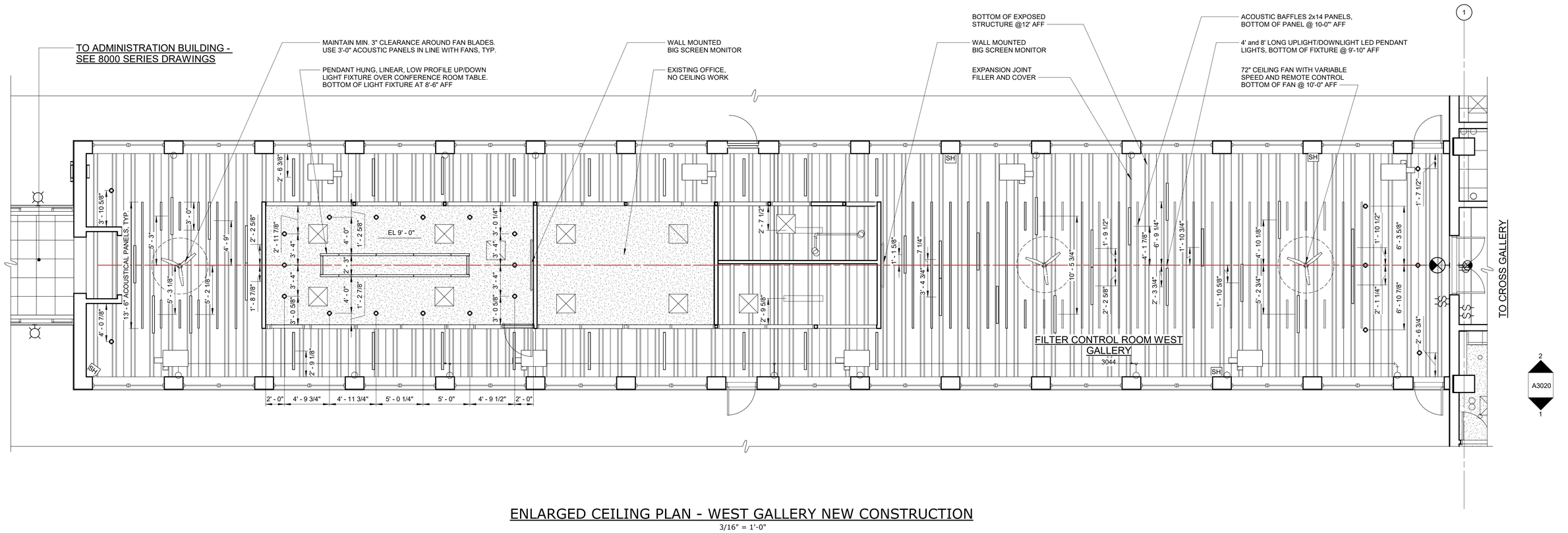
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING ARCHITECTURAL ENLARGED FLOOR PLAN - CROSS GALLERY RESTROOMS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3011

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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ENLARGED CEILING PLAN - WEST GALLERY NEW CONSTRUCTION

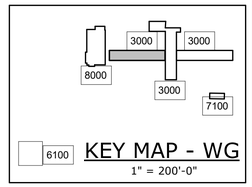
3/16" = 1'-0"

REFLECTED CEILING PLAN NOTES:

1. SEE SHEET A0020 FOR CEILING CONDITION DETAILS.
2. BULKHEAD, NOTE HEIGHT. SEE 06/A0020 FOR DETAILS

LEGEND:

- 2' x 2' LAY-IN ACOUSTICAL CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- GYPSUM BOARD CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- EXP STR — EXPOSED STRUCTURE
- 2X2 and 2X4 LED LAY IN LIGHT FIXTURE, SEE ELEC DWGS
- RECESSED LED CAN LIGHT, SEE ELEC DWGS
- RECESSED LED WALL WASHER CAN LIGHT, SEE ELEC DWGS
- WALL MOUNTED LIGHT FIXTURE, SEE ELEC DWGS
- PENDANT LIGHT FIXTURE, SEE ELEC DWGS
- SPECIALTY LIGHT FIXTURE, SEE ELEC DWGS
- UNDER CABINET LIGHT FIXTURE, SEE ELEC DWGS
- HVAC - RETURN GRILL, SEE MECH DWGS
- HVAC - SUPPLY DIFFUSER, SEE MECH DWGS
- HVAC - EXHAUST FAN, SEE MECH DWGS
- EMERGENCY EXIT LIGHTING, SEE LIFE SAFETY PLANS



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

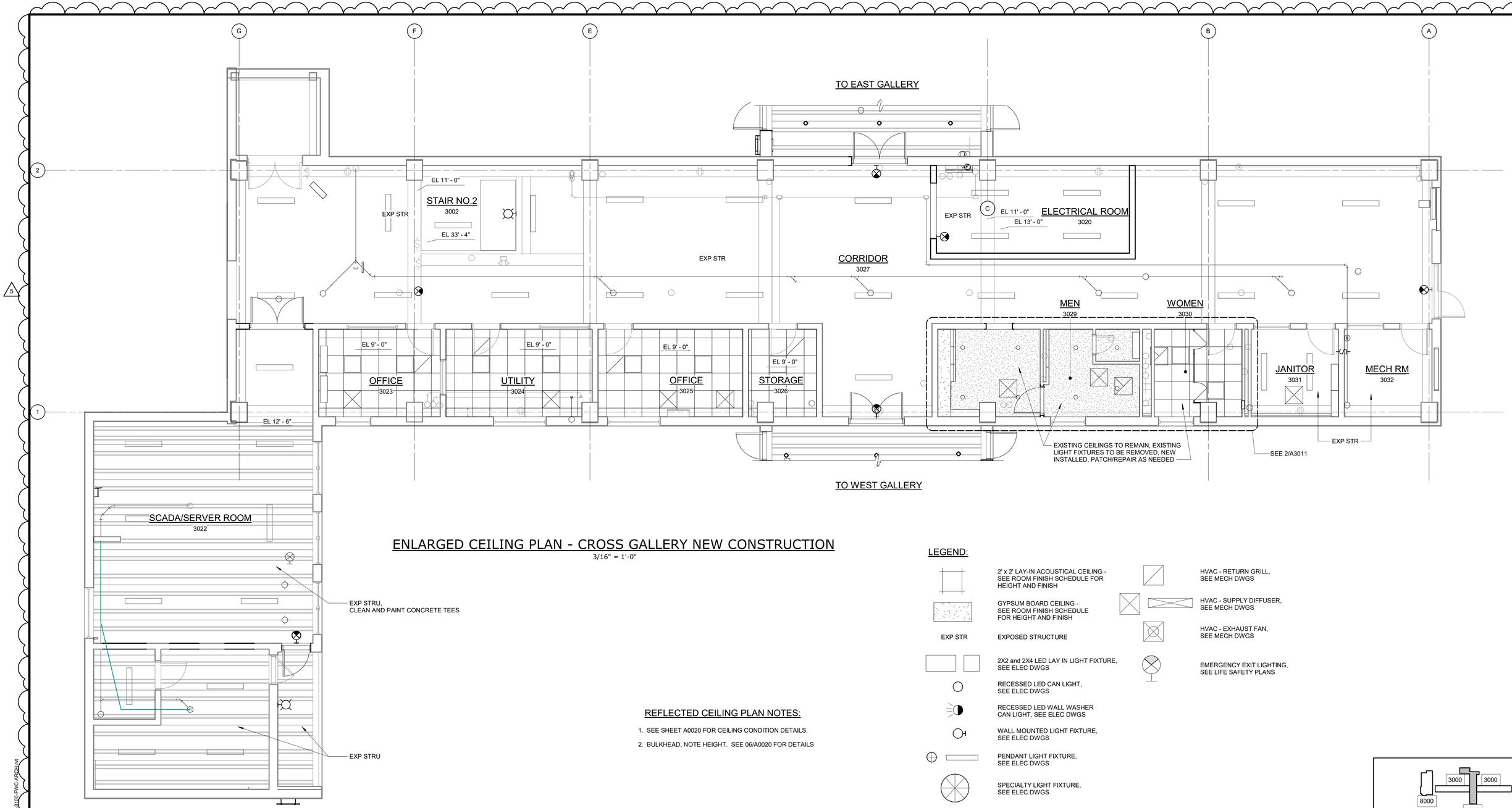
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
REFLECTED CEILING PLAN - WEST GALLERY NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3015

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ENLARGED CEILING PLAN - CROSS GALLERY NEW CONSTRUCTION

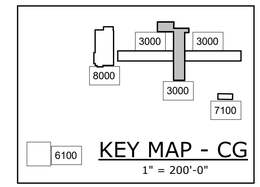
3/16" = 1'-0"

REFLECTED CEILING PLAN NOTES:

1. SEE SHEET A0020 FOR CEILING CONDITION DETAILS.
2. BULKHEAD, NOTE HEIGHT. SEE 06/A0020 FOR DETAILS

LEGEND:

- 2' x 2' LAY-IN ACOUSTICAL CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- GYPSUM BOARD CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- EXP STR — EXPOSED STRUCTURE
- 2X2 and 2X4 LED LAY IN LIGHT FIXTURE, SEE ELEC DWGS
- RECESSED LED CAN LIGHT, SEE ELEC DWGS
- RECESSED LED WALL WASHER CAN LIGHT, SEE ELEC DWGS
- WALL MOUNTED LIGHT FIXTURE, SEE ELEC DWGS
- PENDANT LIGHT FIXTURE, SEE ELEC DWGS
- SPECIALTY LIGHT FIXTURE, SEE ELEC DWGS
- UNDER CABINET LIGHT FIXTURE, SEE ELEC DWGS
- HVAC - RETURN GRILL, SEE MECH DWGS
- HVAC - SUPPLY DIFFUSER, SEE MECH DWGS
- HVAC - EXHAUST FAN, SEE MECH DWGS
- EMERGENCY EXIT LIGHTING, SEE LIFE SAFETY PLANS



KEY MAP - CG

1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

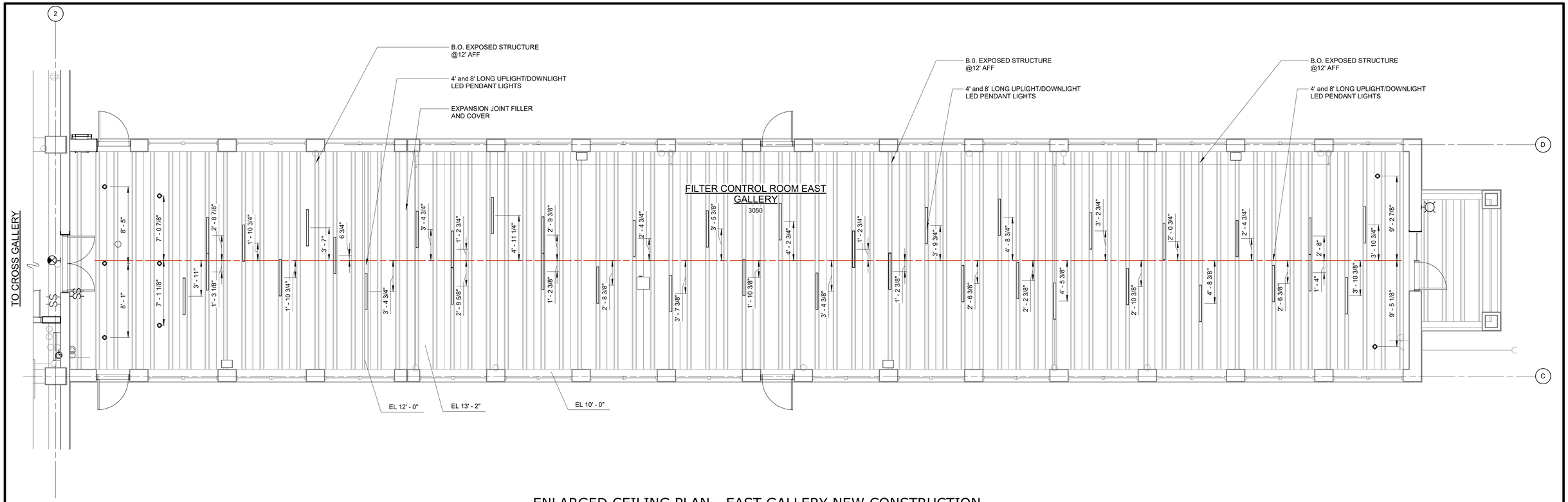
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
REFLECTED CEILING PLAN -
CROSS GALLERY NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3016

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-A3G14.rvt
7/6/2026 2:43:18 PM



ENLARGED CEILING PLAN - EAST GALLERY NEW CONSTRUCTION

3/16" = 1'-0"

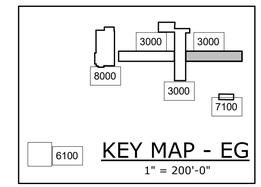
LEGEND:

- 2' x 2' LAY-IN ACOUSTICAL CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- GYPSUM BOARD CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- EXP STR — EXPOSED STRUCTURE
- 2X2 and 2X4 LED LAY IN LIGHT FIXTURE, SEE ELEC DWGS
- RECESSED LED CAN LIGHT, SEE ELEC DWGS
- RECESSED LED WALL WASHER CAN LIGHT, SEE ELEC DWGS
- WALL MOUNTED LIGHT FIXTURE, SEE ELEC DWGS
- PENDANT LIGHT FIXTURE, SEE ELEC DWGS
- SPECIALTY LIGHT FIXTURE, SEE ELEC DWGS
- UNDER CABINET LIGHT FIXTURE, SEE ELEC DWGS
- HVAC - RETURN GRILL, SEE MECH DWGS
- HVAC - SUPPLY DIFFUSER, SEE MECH DWGS
- HVAC - EXHAUST FAN, SEE MECH DWGS
- EMERGENCY EXIT LIGHTING, SEE LIFE SAFETY PLANS

REFLECTED CEILING PLAN NOTES:

1. SEE SHEET A0020 FOR CEILING CONDITION DETAILS.
2. BULKHEAD, NOTE HEIGHT. SEE 06/A0020 FOR DETAILS

N



KEY MAP - EG

1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
REFLECTED CEILING PLAN -
EAST GALLERY NEW CONSTRUCTION

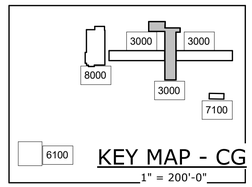
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3017

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
7/6/2026 2:43:19 PM

REFLECTED CEILING PLAN NOTES:

1. SEE SHEET A0020 FOR CEILING CONDITION DETAILS.
2. BULKHEAD, NOTE HEIGHT. SEE 06/A0020 FOR DETAILS

NOT USED 5



KEY MAP - CG
1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
ENLARGED REFLECTED CEILING PLAN -
CROSS GALLERY RESTROOMS

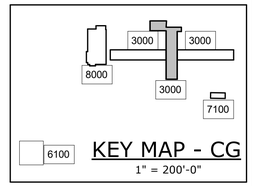
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3018

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
7/6/2026 2:43:19 PM

REFLECTED CEILING PLAN NOTES:

1. SEE SHEET A0020 FOR CEILING CONDITION DETAILS.
2. BULKHEAD, NOTE HEIGHT. SEE 06/A0020 FOR DETAILS

NOT USED 5



KEY MAP - CG
1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

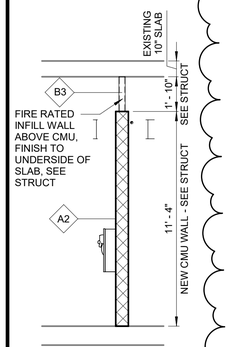
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
ENLARGED REFLECTED CEILING PLAN
CROSS GALLERY
CONTROL ROOM / BREAK ROOM

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3019

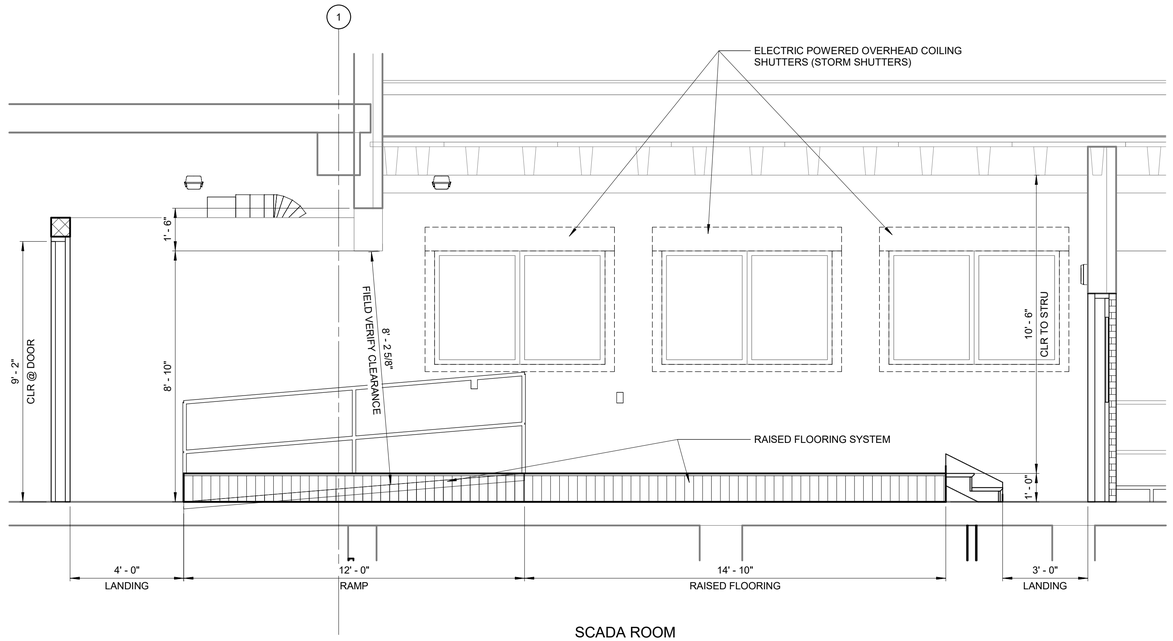
Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
7/6/2026 2:43:19 PM



CHEMICAL ROOM WALL - 1ST FL

SECTION 12 / A3006

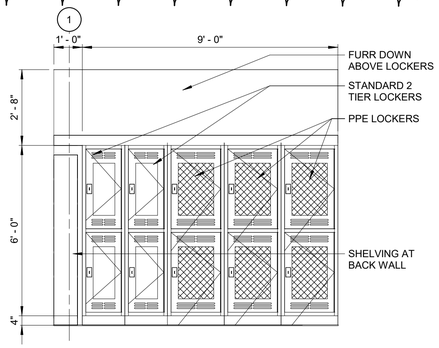
1/4" = 1'-0"



SCADA ROOM SECTION

SECTION 11 / A3003

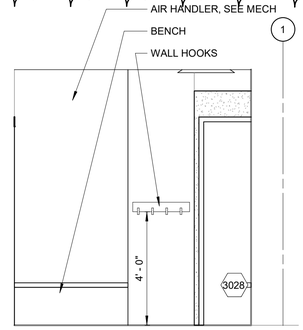
3/8" = 1'-0"



FILTER-PPE LOCKER ROOM

SECTION 2 / A3001

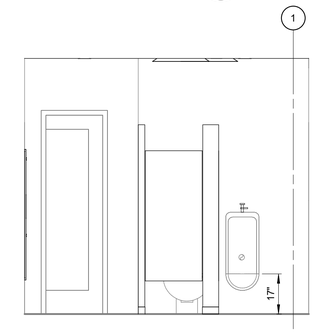
3/8" = 1'-0"



FILTER - PPE LOCKER ROOM

SECTION 1 / A3001

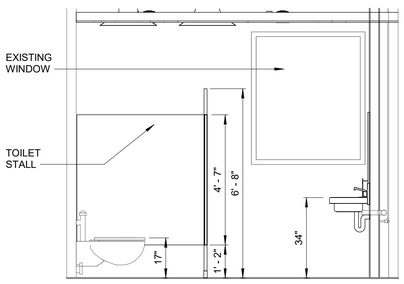
3/8" = 1'-0"



FILTER - MENS RESTROOM - S

SECTION 4 / A3001

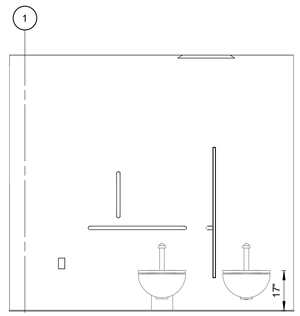
3/8" = 1'-0"



FILTER - MENS RESTROOM - E

SECTION 3 / A3011

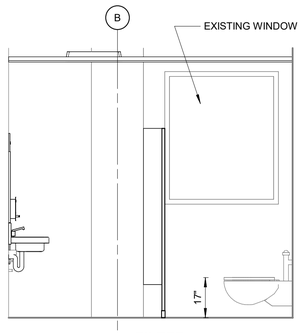
3/8" = 1'-0"



FILTER - WOMENS RESTROOM - N

SECTION 10 / A3001

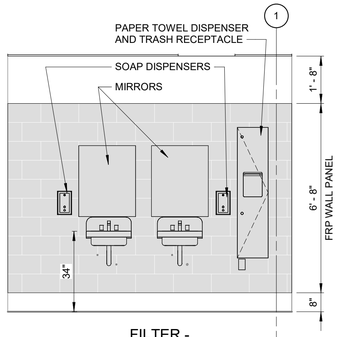
3/8" = 1'-0"



FILTER - WOMENS RESTROOM - W

SECTION 9 / A3001

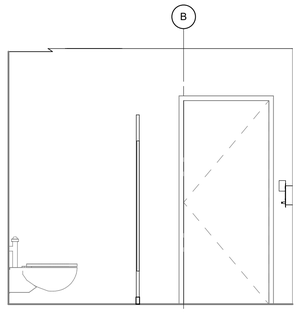
3/8" = 1'-0"



FILTER - WOMENS RESTROOM - S

SECTION 8 / A3001

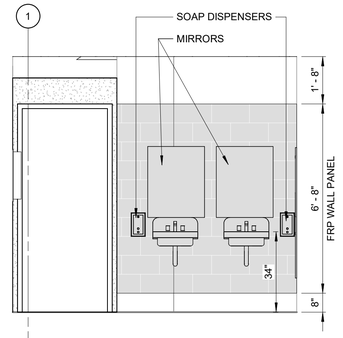
3/8" = 1'-0"



FILTER - WOMENS RESTROOM - E

SECTION 7 / A3001

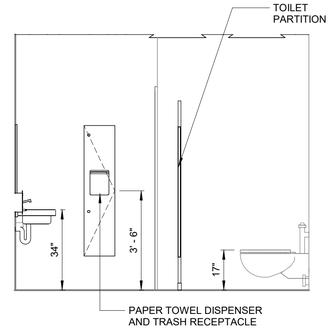
3/8" = 1'-0"



FILTER - MENS RESTROOM - N

SECTION 6 / A3011

3/8" = 1'-0"



FILTER - MENS RESTROOM - W

SECTION 5 / A3011

3/8" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

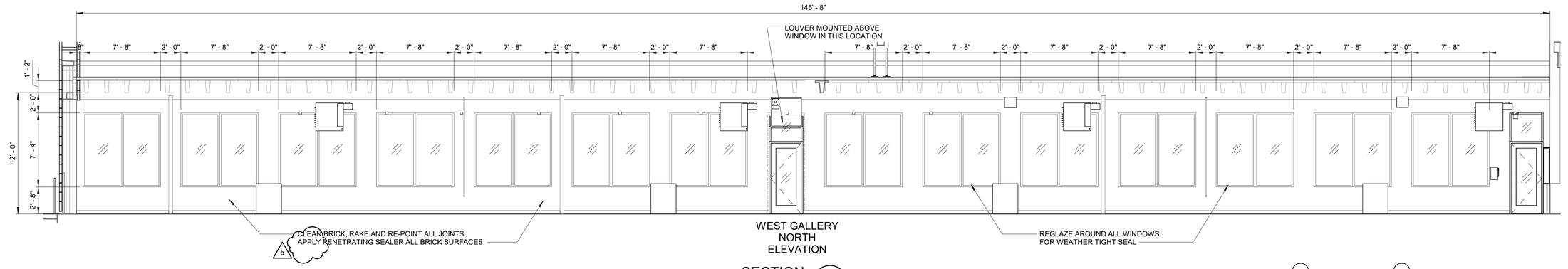
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING ARCHITECTURAL INTERIOR ELEVATIONS

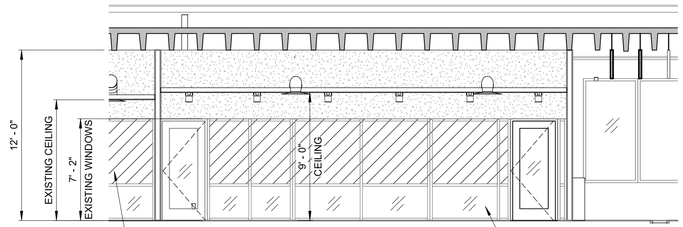
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3020

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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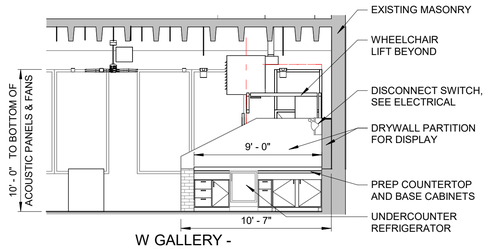
WEST GALLERY NORTH ELEVATION

SECTION 1 / A3009
3/16" = 1'-0"



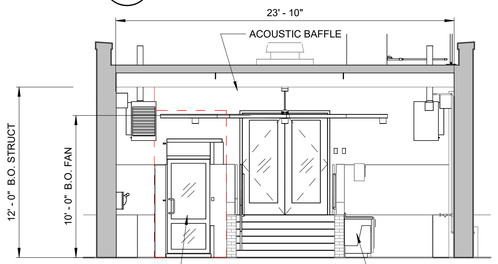
SMALL CONFERENCE - WINDOWS

SECTION 5 / A3009
3/16" = 1'-0"



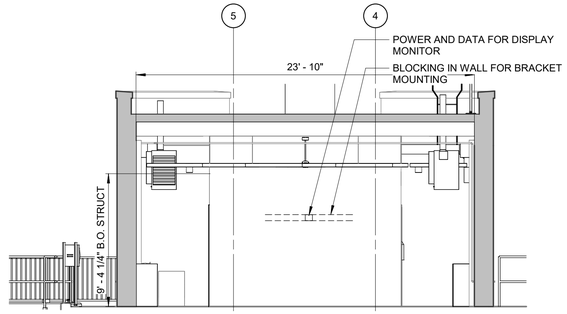
W GALLERY - DISPLAY COUNTER

SECTION 4 / A3009
3/16" = 1'-0"



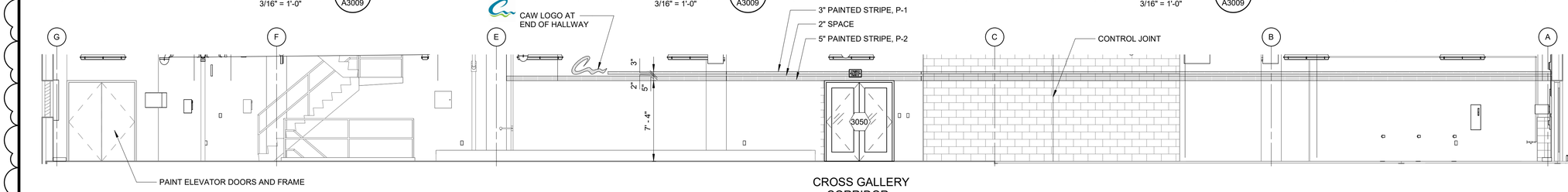
WEST GALLERY - STAIR/LIFT

SECTION 3 / A3009
3/16" = 1'-0"



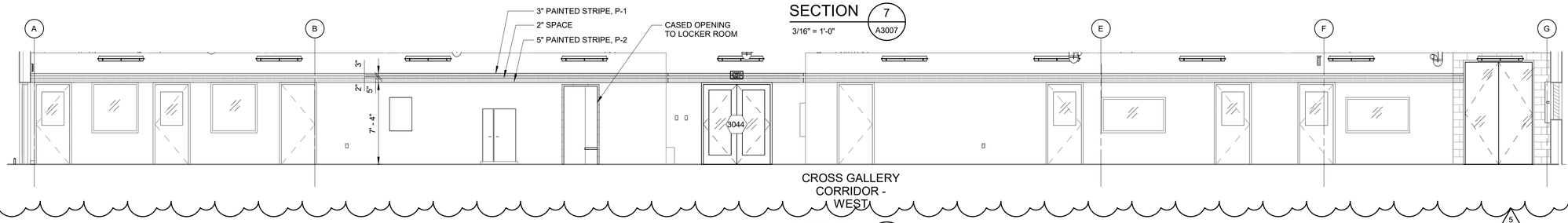
WEST GALLERY - TOUR DISPLAY

SECTION 2 / A3009
3/16" = 1'-0"



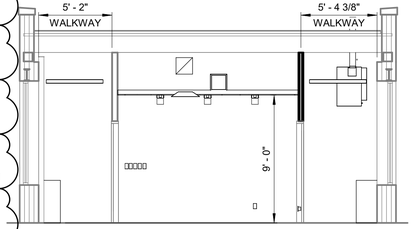
CROSS GALLERY CORRIDOR - EAST

SECTION 7 / A3007
3/16" = 1'-0"



CROSS GALLERY CORRIDOR - WEST

SECTION 8 / A3007
3/16" = 1'-0"



SMALL CONFERENCE - PRESENTATION

SECTION 6 / A3009
3/16" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

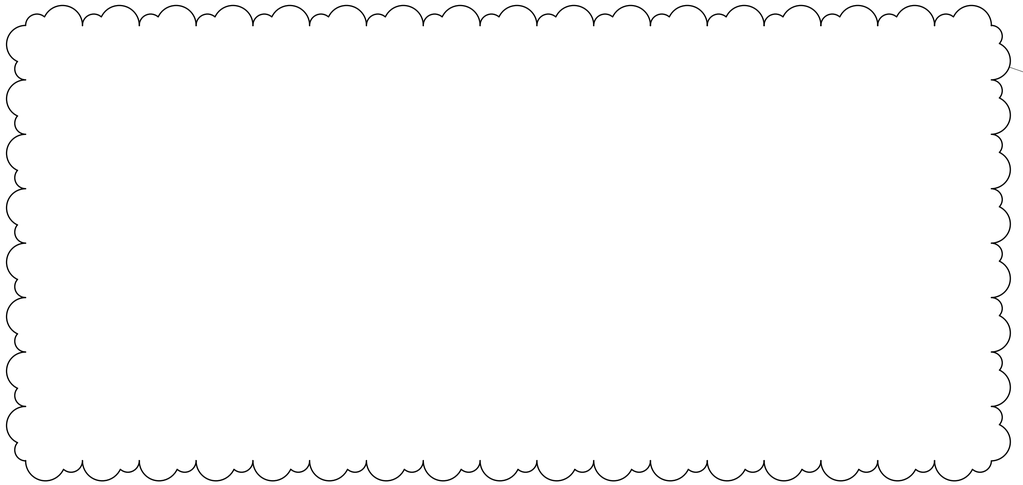
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING ARCHITECTURAL INTERIOR ELEVATIONS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3021

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-EB-3100-FWC-ARCH.rvt
7/6/2026 2:43:26 PM

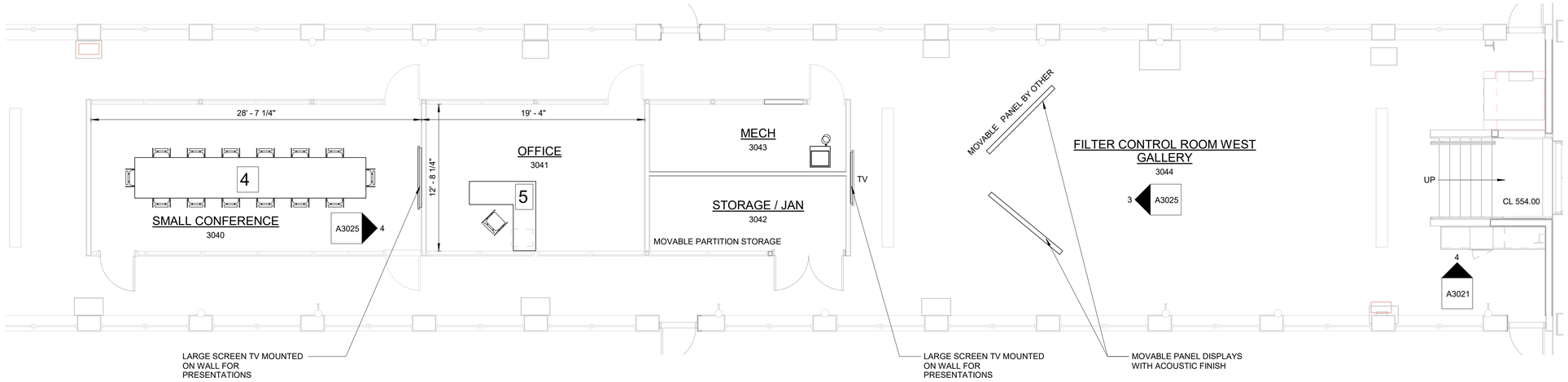


NOTES:

1. CONTROL ROOM DESKS - (2) SIT/STAND XYBIX CORNER UNITS BACK TO BACK WITH (6) 27" MONITORS AND (2) DESKTOP COMPUTERS. FILING CABINETS AND VENTED CABINET FOR (2) CPUs INCLUDED. FLOOR OUTLETS TO PROVIDE POWER, SEE ELECTRICAL PLANS
2. CONTROL ROOM MANAGER DESK - (1) STRAIGHT XYBIX DESK WITH FILING CABINETS AND VENTED CABINET FOR (2) CPUs INCLUDED. FLOOR OUTLETS TO PROVIDE POWER, SEE ELECTRICAL PLANS
3. WALL MOUNTED MAP ROLL UP DISPLAY SYSTEM BY EASYROLLER
4. CONFERENCE ROOM TABLE WITH (14) CHAIRS
5. OFFICE DESK WITH CHAIR - "L" FOR LARGER OFFICES

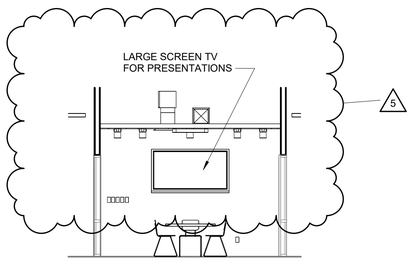
NOTE:

FURNITURE PLANS ARE FOR REFERENCE ONLY. FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER. CONTRACTOR TO COORDINATE SCHEDULE AND ACCESS TO THE WORK SPACE.

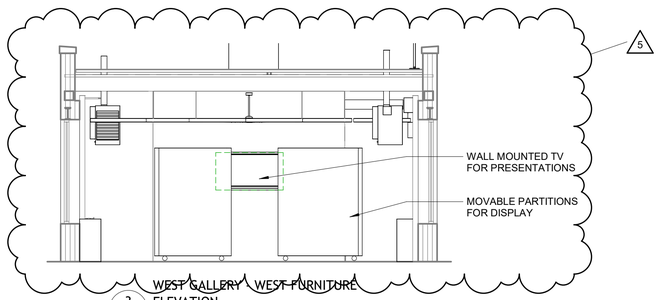


FILTER BUILDING 1ST FLOOR - WEST GALLERY FURNITURE PLAN

3/16" = 1'-0"



4 / A3025 SMALL CONFERENCE - EAST FURNITURE ELEVATION
3/16" = 1'-0"



3 / A3025 ELEVATION
3/16" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
FIRST FLOOR FURNITURE PLANS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3025

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ARCH.rvt
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NOT USED

5

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REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

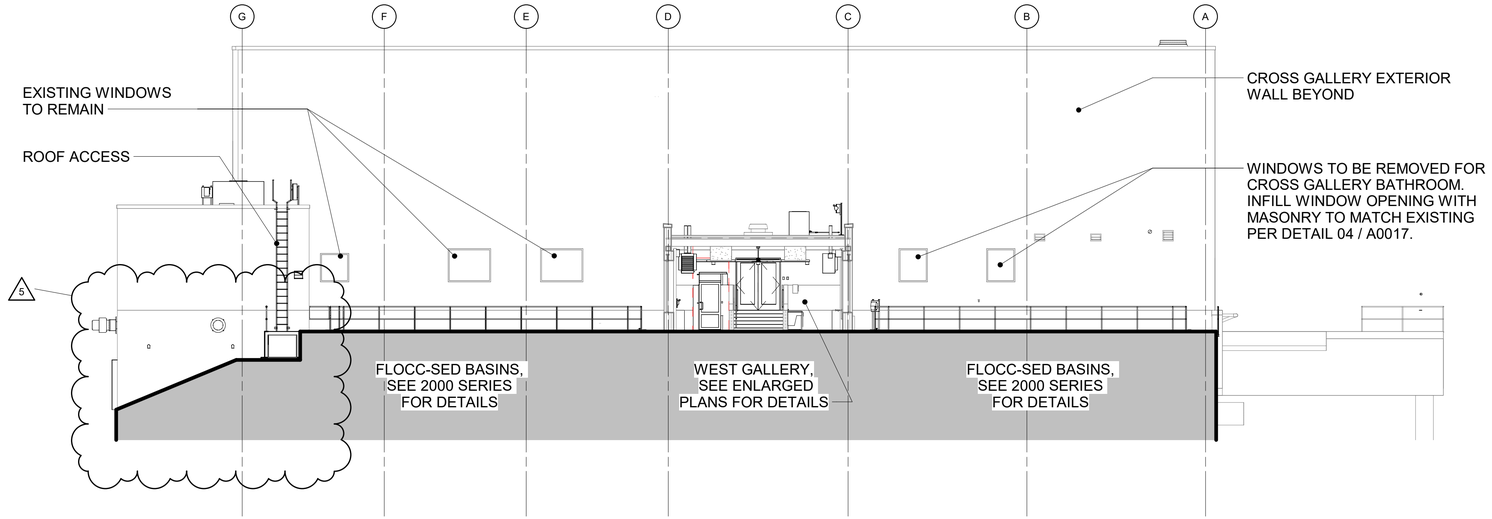
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

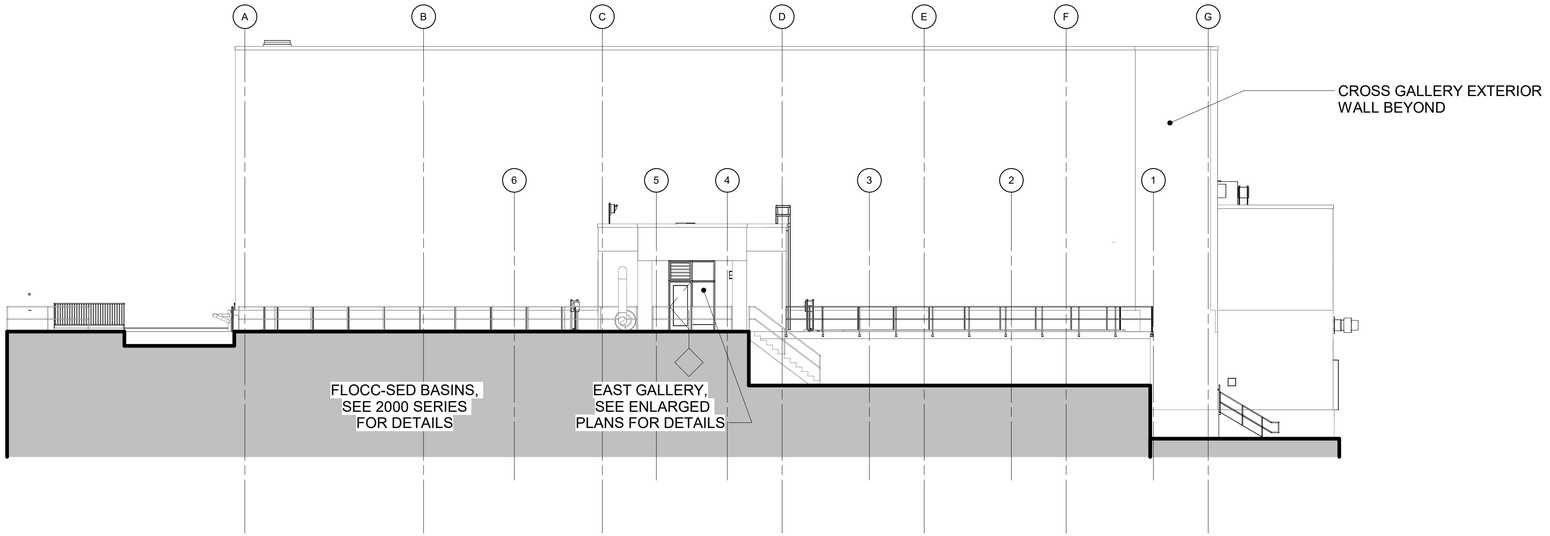
FILTER BUILDING ARCHITECTURAL SECOND FLOOR FURNITURE PLANS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3026

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1 / A3030 NORTH ELEVATION
3/32" = 1'-0"



2 / A3030 SOUTH ELEVATION
3/32" = 1'-0"

LEGEND:

100 DOOR NUMBER - SEE DRAWING A0020

W-1 WINDOW NUMBER - SEE DRAWING A0014

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	WR
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

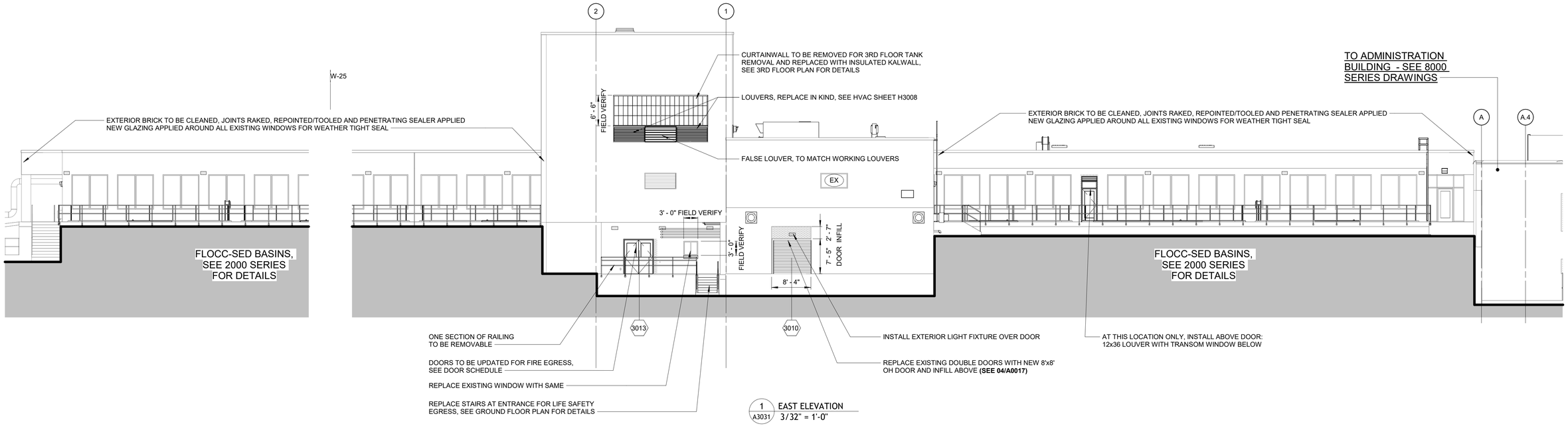
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

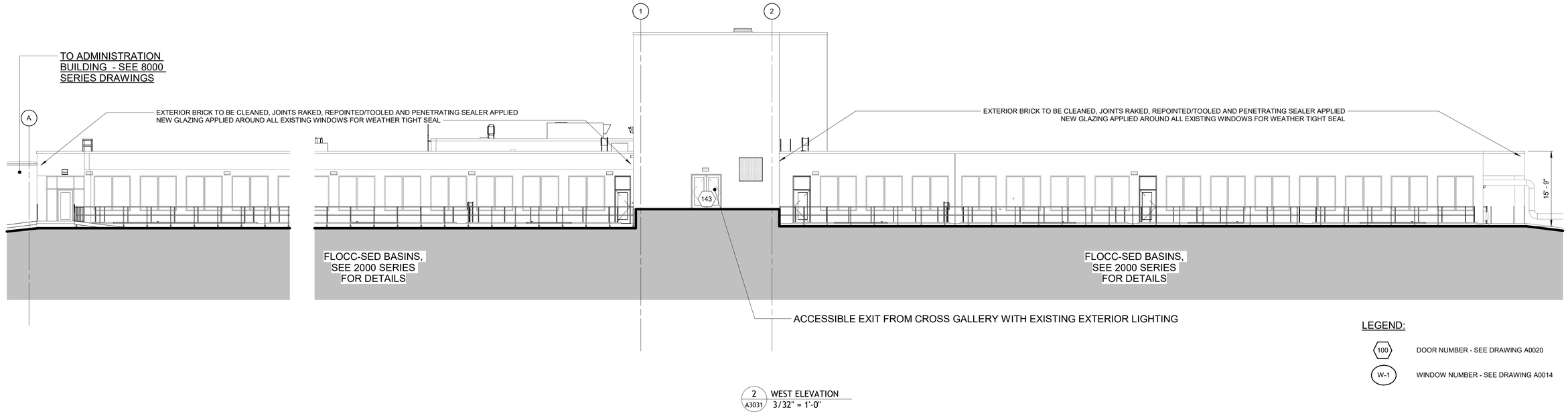
FILTER BUILDING
ARCHITECTURAL
EXTERIOR ELEVATIONS - NORTH AND SOUTH

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3030

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1 A3031 EAST ELEVATION
3/32" = 1'-0"



2 A3031 WEST ELEVATION
3/32" = 1'-0"

LEGEND:

100 DOOR NUMBER - SEE DRAWING A0020

W-1 WINDOW NUMBER - SEE DRAWING A0014

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

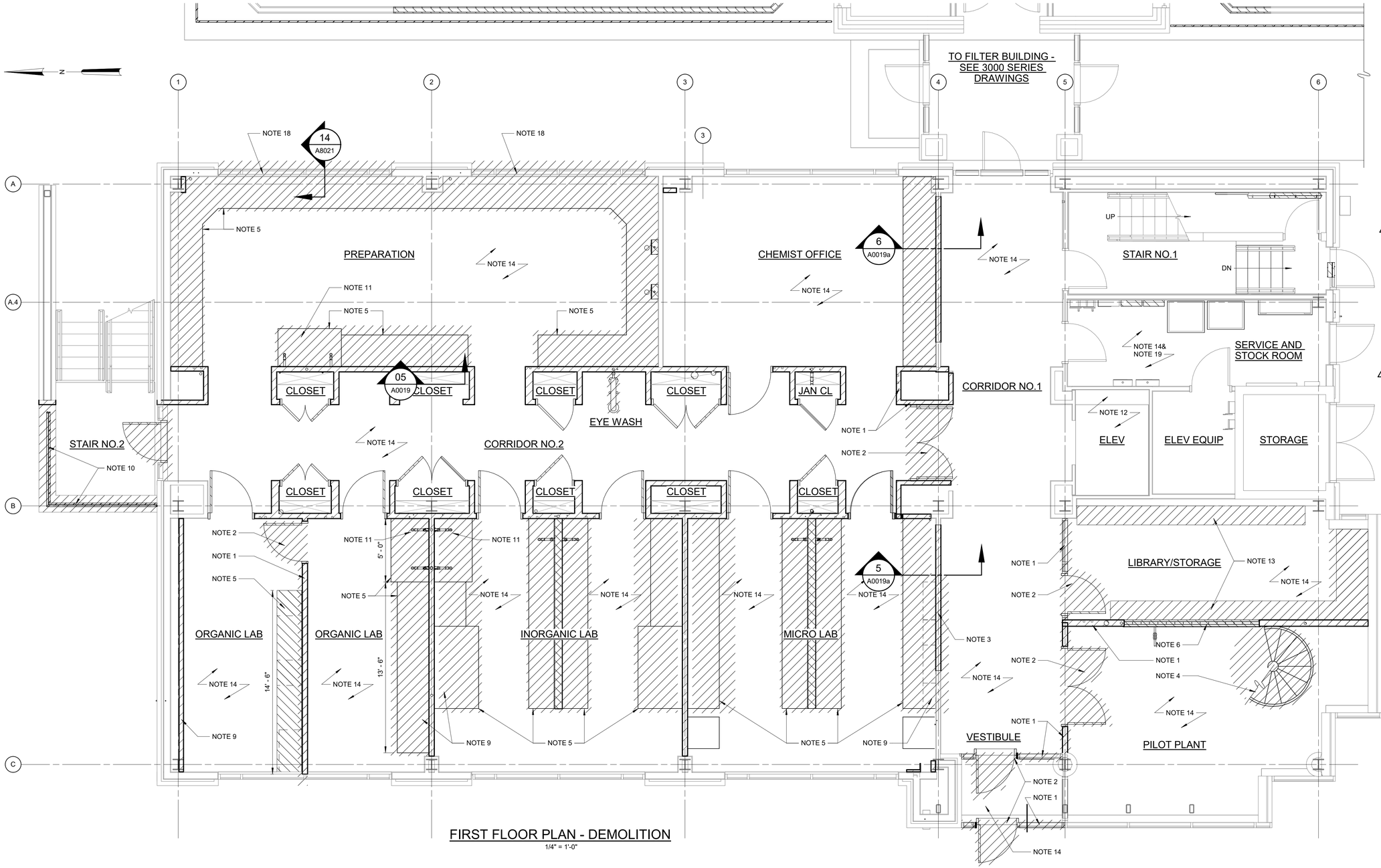
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
ARCHITECTURAL
EXTERIOR ELEVATIONS - EAST AND WEST

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A3031

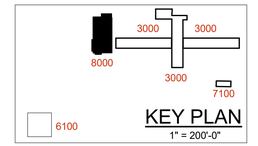
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FIRST FLOOR PLAN - DEMOLITION
1/4" = 1'-0"

DEMOLITION NOTES:

1. REMOVE WALL SYSTEM OR STOREFRONT PARTITION IN ITS ENTIRETY AS INDICATED.
2. REMOVE DOOR, FRAME AND HARDWARE.
3. REMOVE SECTION OF WALL AS INDICATED FOR INSTALLATION OF DOOR OR WINDOW AS SCHEDULED.
4. REMOVE SPIRAL STAIRCASE AND SUPPORT COLUMN IN ITS ENTIRETY.
5. REMOVE CASEWORK, INCLUDING CABINETS AND HARDWARE.
6. REMOVE GLASS BLOCK
7. REMOVE CONCRETE WALKWAY AND ASSOCIATED SUPPORT WALLS (NOT EXTERIOR WALL) IN PILOT PLANT.
8. REMOVE TOILET FIXTURES, TOILET ACCESSORIES, AND TOILET PARTITIONS.
9. REMOVE CEILING FURR DOWN
10. REMOVE GUARDRAIL
11. REMOVE FUME HOOD
12. REMOVE EXISTING ELEVATOR FLOORING, PREP FOR FLOORING INSTALLATION
13. REMOVE EXISTING SHELVING AND STORE DURING CONSTRUCTION. REINSTALL AT NEW LOCATION.
14. REMOVE EXISTING FLOOR COVERING, PREP FOR FLOORING INSTALLATION
15. REMOVE GYPSUM BOARD ON RESTROOM SIDE OF WALL TO ALLOW FOR INSTALLATION OF SOUND ATTENUATION BLANKETS.
16. REMOVE EXISTING CONDUITS AND PIPING NO LONGER IN USE - SEE PLUMBING AND ELECTRICAL SHEETS FOR DIRECTION.
17. EXISTING IT CLOSET WITH SERVER RACKS AND WIRING/CABLING. CARE SHALL BE TAKEN DURING CLOSET RECONFIGURATION TO MAINTAIN SYSTEM FUNCTIONING.
18. REMOVE EXISTING WINDOWS AND REPLACE WITH 1" SPANDREL GLASS
19. REMOVE EXISTING CEILING AND REPLACE PER FINISH SCHEDULE



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

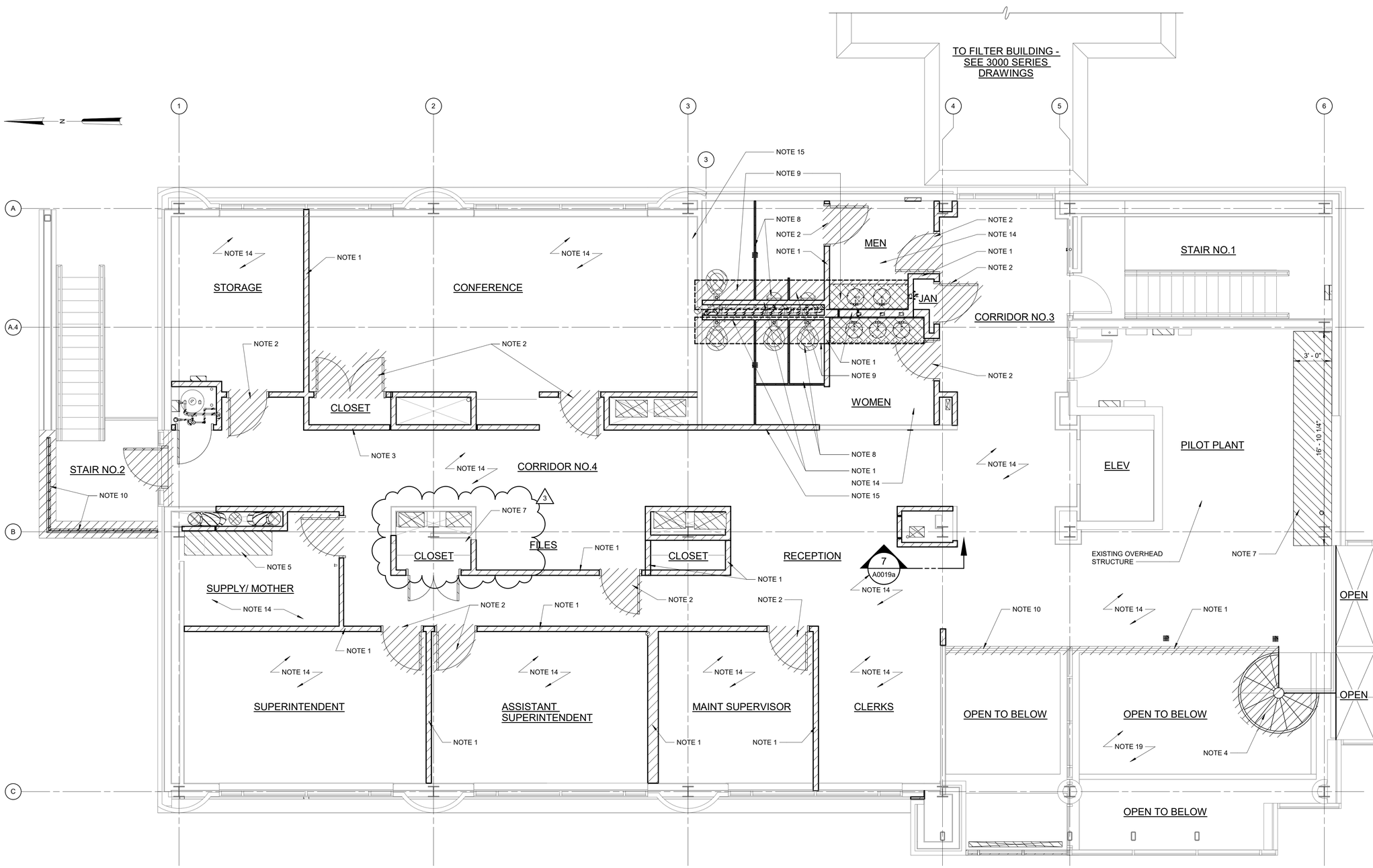
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
FIRST FLOOR PLAN - DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8000

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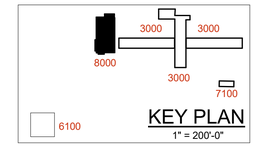


SECOND FLOOR PLAN - DEMOLITION

1/4" = 1'-0"

DEMOLITION NOTES:

1. REMOVE WALL SYSTEM OR STOREFRONT PARTITION IN ITS ENTIRETY AS INDICATED.
2. REMOVE DOOR, FRAME AND HARDWARE.
3. REMOVE SECTION OF WALL AS INDICATED FOR INSTALLATION OF DOOR OR WINDOW AS SCHEDULED.
4. REMOVE SPIRAL STAIRCASE AND SUPPORT COLUMN IN ITS ENTIRETY.
5. REMOVE CASEWORK, INCLUDING CABINETS AND HARDWARE.
6. REMOVE GLASS BLOCK
7. REMOVE CONCRETE WALKWAY AND ASSOCIATED SUPPORT WALLS (NOT EXTERIOR WALL) IN PILOT PLANT.
8. REMOVE TOILET FIXTURES, TOILET ACCESSORIES, AND TOILET PARTITIONS.
9. REMOVE CEILING FURR DOWN
10. REMOVE GUARDRAIL
11. REMOVE FUME HOOD
12. REMOVE EXISTING ELEVATOR FLOORING, PREP FOR FLOORING INSTALLATION
13. REMOVE EXISTING SHELVING AND STORE DURING CONSTRUCTION. REINSTALL AT NEW LOCATION.
14. REMOVE EXISTING FLOOR COVERING, PREP FOR FLOORING INSTALLATION
15. REMOVE GYPSUM BOARD ON RESTROOM SIDE OF WALL TO ALLOW FOR INSTALLATION OF SOUND ATTENUATION BLANKETS.
16. REMOVE EXISTING CONDUITS AND PIPING NO LONGER IN USE - SEE PLUMBING AND ELECTRICAL SHEETS FOR DIRECTION
17. EXISTING IT CLOSET WITH SERVER RACKS AND WIRING/CABLING. CARE SHALL BE TAKEN DURING CLOSET RECONFIGURATION TO MAINTAIN SYSTEM FUNCTIONING.
18. REMOVE EXISTING WINDOWS AND REPLACE WITH 1" SPANDREL GLASS
19. REMOVE EXISTING CEILING AND REPLACE PER FINISH SCHEDULE



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

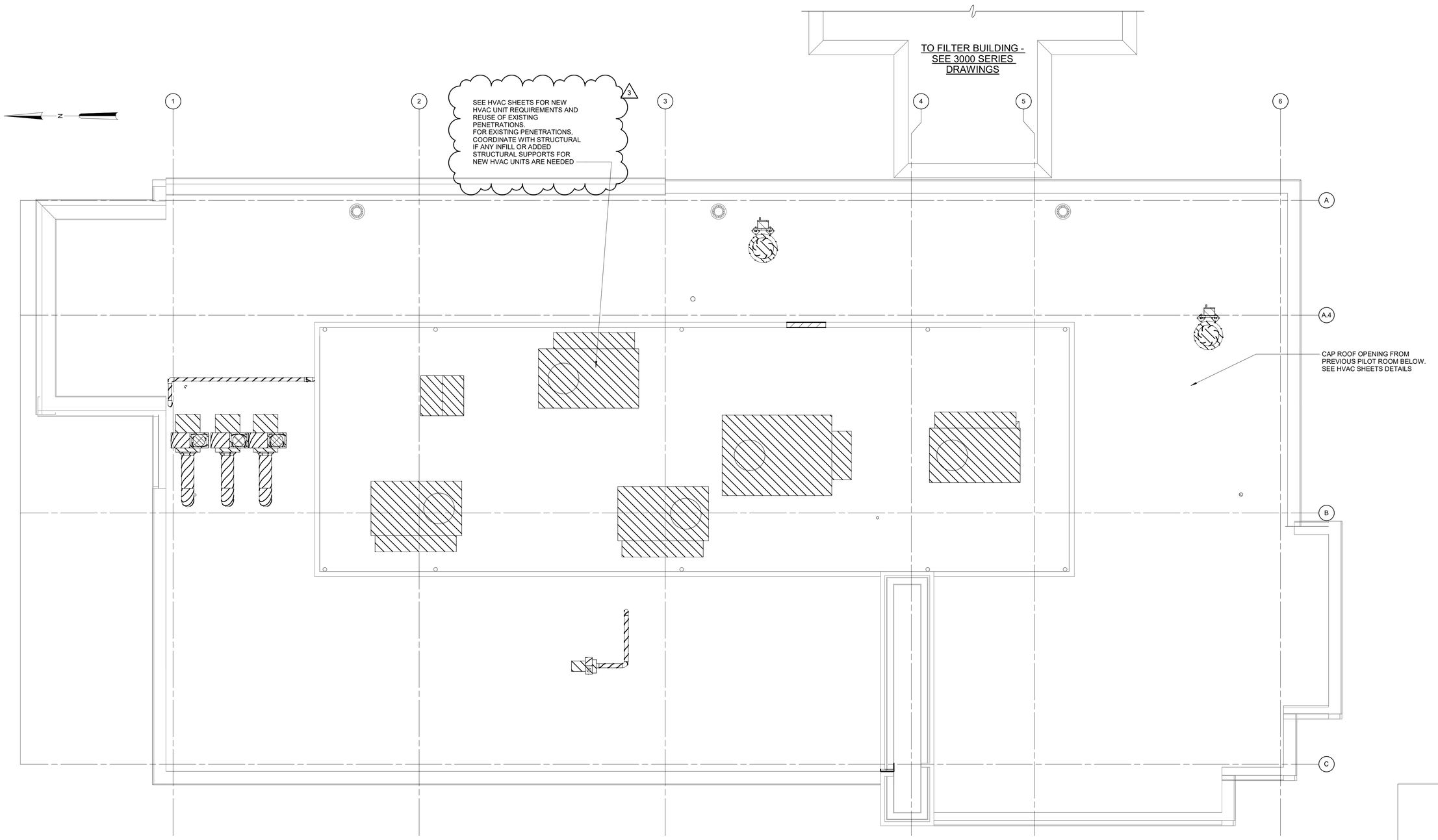
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

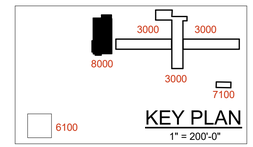
ADMINISTRATION BUILDING
ARCHITECTURAL
SECOND FLOOR PLAN - DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8001

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ROOF PLAN - DEMOLITION
1/4" = 1'-0"



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

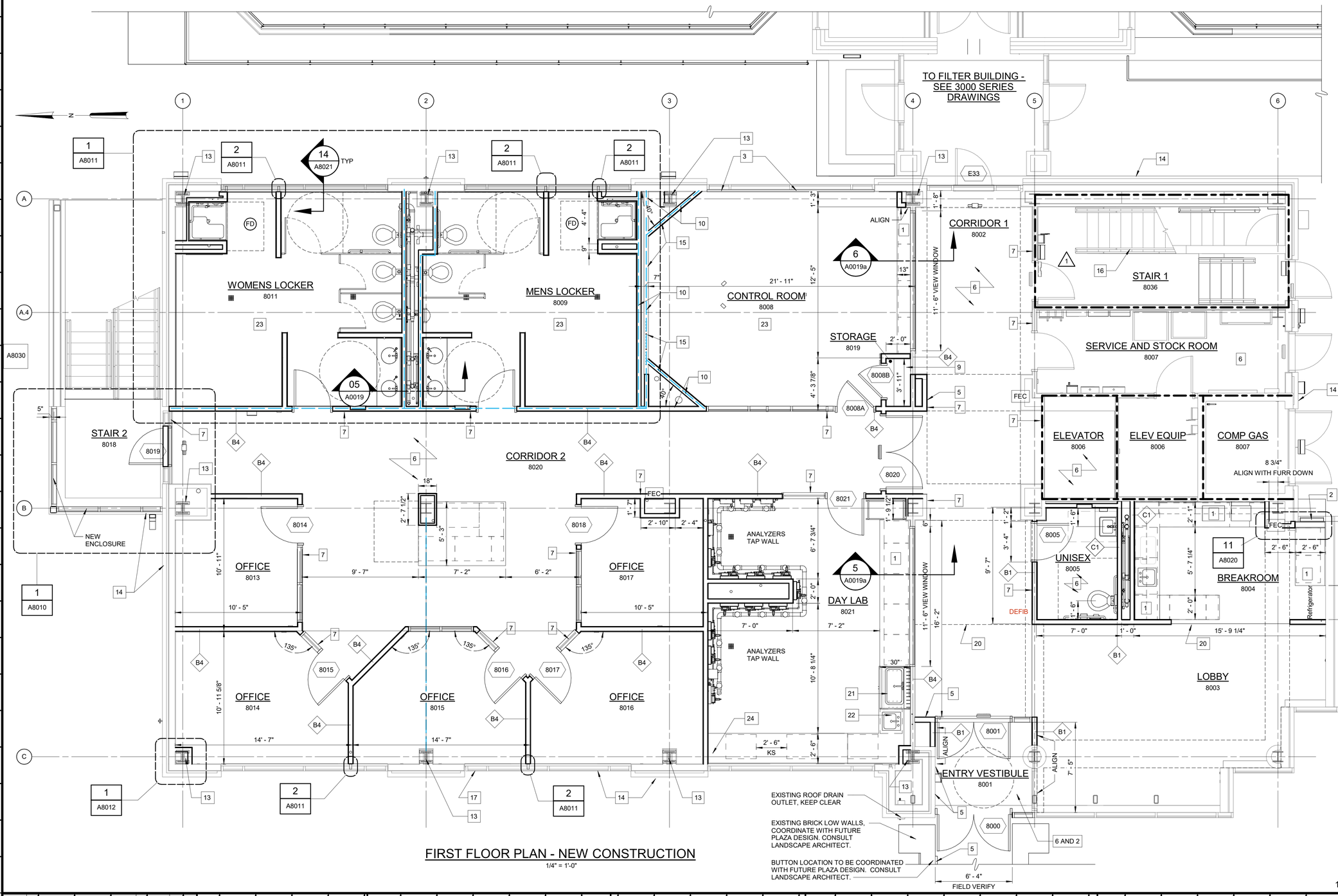
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
ROOF PLAN - DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8002

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FIRST FLOOR PLAN - NEW CONSTRUCTION

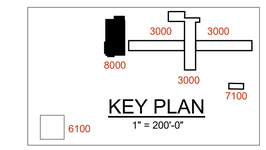
1/4" = 1'-0"

1ST FL CONSTRUCTION NOTES:

1. INSTALL COUNTERTOPS AND CASEWORK PER ELEVATIONS ON A8020-A8024. SEE A0019 AND A0019a FOR CASEWORK SECTIONS
2. PROVIDE COUNTER INFILL PANEL TO GLASS, SEE A8020 FOR DETAILS
3. INSTALL BLACK OUT SHADES
4. INSTALL SHELVING
5. PROVIDE PUSH BUTTON DEVICE WITH AUTOMATIC DOOR OPENER FOR HANDS FREE OPERATION
6. REMOVE EXISTING FLOORING AND INSTALL NEW FLOORING.
7. INSTALL SIGNAGE, SEE GEN SHT A0014 FOR MOUNTING LOCATION AND SCHEDULE. SEE A0022 FOR SIGNAGE GRAPHICS.
8. REPLACE EXISTING VISION GLASS WITH SPANDREL PANELS THAT MATCH EXISTING PANELS IN TOP AND BOTTOM OF WALL
9. ADJUSTABLE SHELVES, SEE A0019 FOR DETAILS
10. EXTEND STUDS AND GYP BOARD TO BOTTOM OF 2ND FLOOR, SEAL ALL JOINTS, AND PUT ACOUSTIC INSULATION IN BOTH WALLS. MAINTAIN AIR SPACE BETWEEN ROOMS
11. BENCH, SEE FURNITURE PLAN
12. LOCKERS, SEE FURNITURE PLAN
13. EXISTING COLUMNS TO RECIEVE 3" SPRAY FOAM COATING, ALL SIDES AND TOTAL LENGTH OF STEEL COLUMNS AT OUTSIDE PERIMETER OF BUILDING. FROM TOP OF BUILDING TO UNDER FLOOR CRAWL SPACE. SEE SHEET A8012 FOR REMEDIATION MEASURE DETAILS
14. WASH EXTERIOR OF BUILDING UPON COMPLETION OF WORK BEFORE TURN OVER TO CLIENT.
15. PROVIDE BLOCKING, OUTLET, AND DATA DROP FOR WALL HUNG MONITOR .SEE ELECTRICAL AND STRUCTURAL SHEETS
16. PAINT HANDRAILS
17. EXISTING WINDOWS SHALL BE REGLAZED,TYP.
18. ACCESSIBLE SHOWER, SEE A0019 FOR DETAILS
19. MIRROR
20. LINE OF FLOOR ABOVE
21. STAINLESS STEEL SAMPLE SINK, SEE M8002 FOR FAUCET SEQUENCE AND LABELLING. SEE PLUMBING SPECIFICATION 22 11 19, PART 2.07 FOR FAUCET SPECIFICATIONS.
22. UNDERMOUNT BLACK EPOXY HAND SINK, SEE PLUMBING SHEETS FOR DETAILS
23. SEE A8017 FURNITURE AND EQUIPMENT PLAN FOR ELEVATIONS
24. PROVIDE OUTLET AND DATA DROP FOR PENDANT HUNG MONITOR, SEE CEILING PLAN. SEE ELECTRICAL AND STRUCTURAL SHEETS

LEGEND:

- 1-HR FIRE RATED WALL - SEE SHEET A0014
- SOUND INSULATION BATTS IN WALL
- LINE OF FURR OUT ABOVE
- 1000 — DOOR NUMBER - SEE SHEET A0012 (EXISTING DOORS NOT NOTED)
- FE — FIRE EXTINGUISHER - DRY CHEMICAL
- CO_2 — FIRE EXTINGUISHER - CARBON DIOXIDE
- FEC — FIRE EXTINGUISHER CABINET, RECESSED
- P1 — PARTITION TYPE - SEE SHEET A0015 (EXISTING PARTITIONS NOT NOTED)
- PT — PAPER TOWELS
- TR — TRASH RECEPTACLE
- HWR — HAZARDOUS WASTE RECEPTACLES
- WC — WALL CLOCK
- WB — WHITE BOARD
- FIRST AID / DEFIB — FIRST AID CABINET / DEFIBRILATOR CABINET



KEY PLAN
1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR
1	ADDENDUM 4	01-23-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

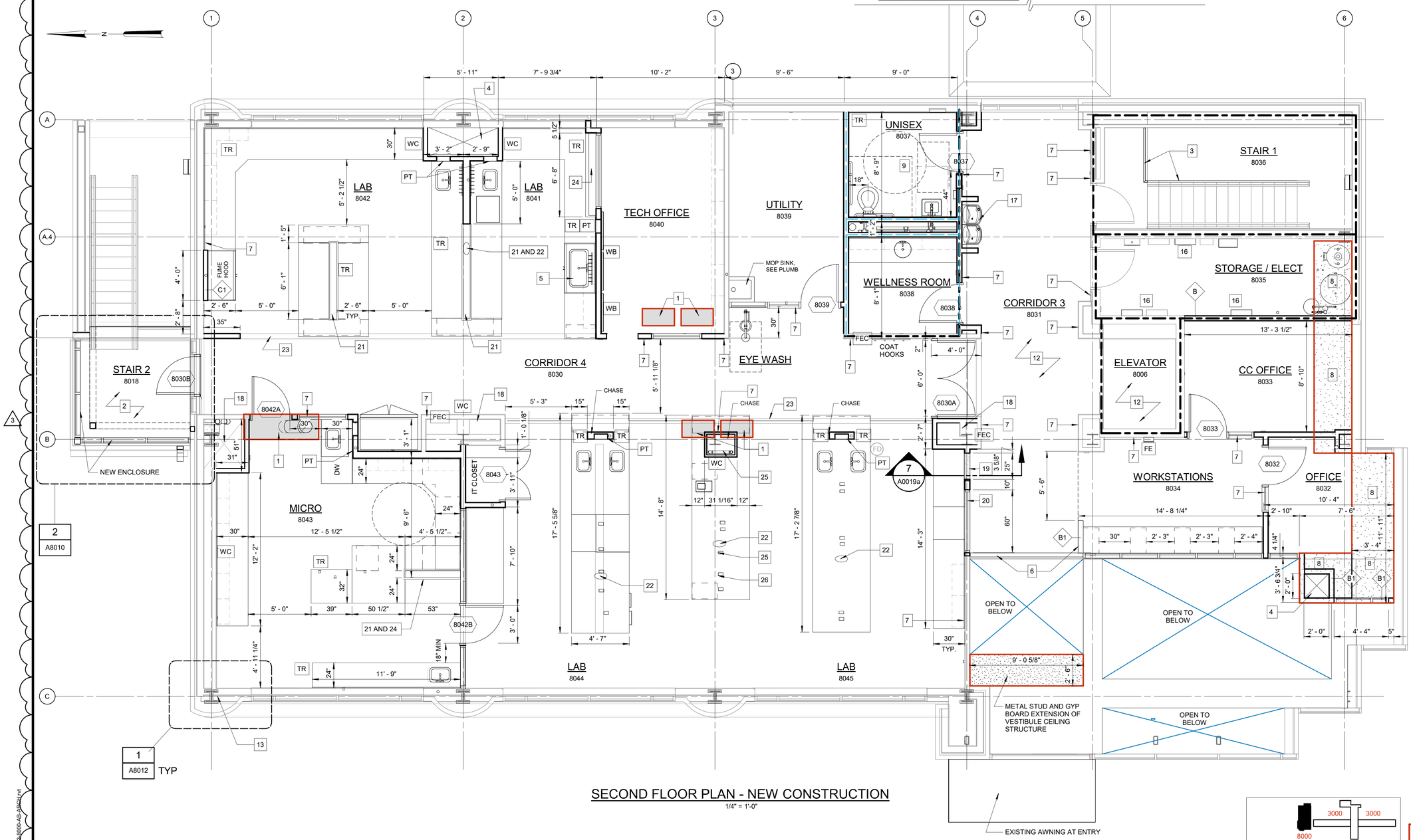
JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
FIRST FLOOR PLAN - NEW CONSTRUCTION

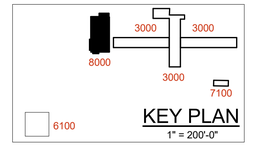
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8003

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Flips_Basin/60711-001_A8000-AB-ARCH.rvt
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TO FILTER BUILDING -
SEE 3000 SERIES DRAWINGS



SECOND FLOOR PLAN - NEW CONSTRUCTION
1/4" = 1'-0"



KEY PLAN
1" = 200'-0"

2ND FL CONSTRUCTION NOTES:

1. INFILL EXISTING FLOOR PENETRATIONS TO MATCH SURROUNDING FLOOR. PREP FOR FLOOR COVERING. SEE STRUCTURAL SHEETS FOR DETAILS OF APPLICATION
2. STEEL COLUMN AND BEAM SUPPORT FOR STOREFRONT ENCLOSURE
3. PAINT WALLS, RAILING, AND ALL EXPOSED STEEL
4. HVAC CHASE, FLOOR PENETRATIONS PER STRUCTURAL ENGINEER'S DIRECTION
5. STAINLESS STEEL SAMPLE SINK, SEE M8002 FOR FAUCET SEQUENCE AND LABELLING. SEE PLUMBING SPECIFICATION 22 11 19, PART 2.07 FOR FAUCET SPECIFICATIONS.
6. 3'-6" HIGH METAL STUD / GYP. BD. WALL
7. INSTALL SIGNAGE, SEE GEN SHT A0014 FOR MOUNTING LOCATION AND SCHEDULE. SEE A0022 FOR SIGNAGE GRAPHICS.
8. INFILL FLOORING TO BE INSTALLED IN 2ND FLOOR OPEN AREA. EXTENTS OF BUILDOUT OUTLINED, SEE STRU SHEETS FOR DETAILS

   AFTER INSTALLATION OF NEW FLOOR INFILL, CONTRACTOR SHALL ALLOW CONCRETE TO CURE A MIN. OF 28 DAYS. AFTER CURING TIME, VERIFY CONCRETE FLOOR "LEVELNESS". FILL ALL CRACKS AND VOIDS WITH APPROPRIATE MATERIAL. APPLY FLOOR LEVELING COMPOUND ACROSS FLOOR AS REQUIRED TO MEET FLOORING MANUFACTURER'S REQUIREMENTS. FLOOR TO BE SMOOTH, LEVEL, AND SOUND PRIOR TO INSTALLATION OF FLOOR COVERING.
9. SEE A0019 FOR BATHROOM ACCESSORIES REQUIRED MOUNTING HEIGHTS.
10. METAL STUD AND GYP. BD. WALLS TO HAVE SOUND ATTENUATION BLANKETS UP TO DECK.
11. SEE SPECS FOR TOILET ACCESSORIES AND TOILET PARTITIONS.
12. FLOORING TO BE INSTALLED
13. EXISTING COLUMNS, BEAMS, AND SECONDARY FRAMING TO BE INSULATED TO PREVENT CONDENSATION - SEE A8012
14. WASH EXTERIOR OF BUILDING UPON COMPLETION OF WORK BEFORE TURN OVER TO CLIENT.
15. OUTLET AND BLOCKING FOR WALL MOUNTED TV, SEE ELECTRICAL AND STRUCTURAL SHEETS FOR DETAILS
16. ELECTRICAL PANELS
17. NEW HI/LO WATERFOUNTAIN WITH WATER BOTTLE FILLER.
18. EXISTING HVAC CHASE, ALTERED
19. COUNTER PASS-THRU REFRIGERATOR FOR NIGHT DEPOSIT
20. OBSERVATION WINDOW INTO LAB SPACE
21. 4'-0" TALL WALL
22. CUP SINK
23. FURR DOWN ABOVE
24. REAGENT SHELF, SEE SHEET A0019a FOR DETAILS
25. ARGON, BENCH MOUNTED VALVE
26. VENT 6 CM/M, SEE HVAC

LEGEND:

- 1-HR FIRE RATED WALL - SEE SHEET A0014
- SOUND INSULATION BATTS IN WALL
- LINE OF FURR OUT ABOVE
- 1000 — DOOR NUMBER - SEE SHEET A0012 (EXISTING DOORS NOT NOTED)
- FE — FIRE EXTINGUISHER - DRY CHEMICAL
- CO_2 — FIRE EXTINGUISHER - CARBON DIOXIDE
- FEC — FIRE EXTINGUISHER CABINET, RECESSED
- P1 — PARTITION TYPE - SEE SHEET A0015 (EXISTING PARTITIONS NOT NOTED)
- PT — PAPER TOWELS
- TR — TRASH RECEPTACLE
- HWR — HAZARDOUS WASTE RECEPTACLES
- WC — WALL CLOCK
- WB — WHITE BOARD
- FIRST AID / DEFIB — FIRST AID CABINET / DEFIBRILATOR CABINET

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

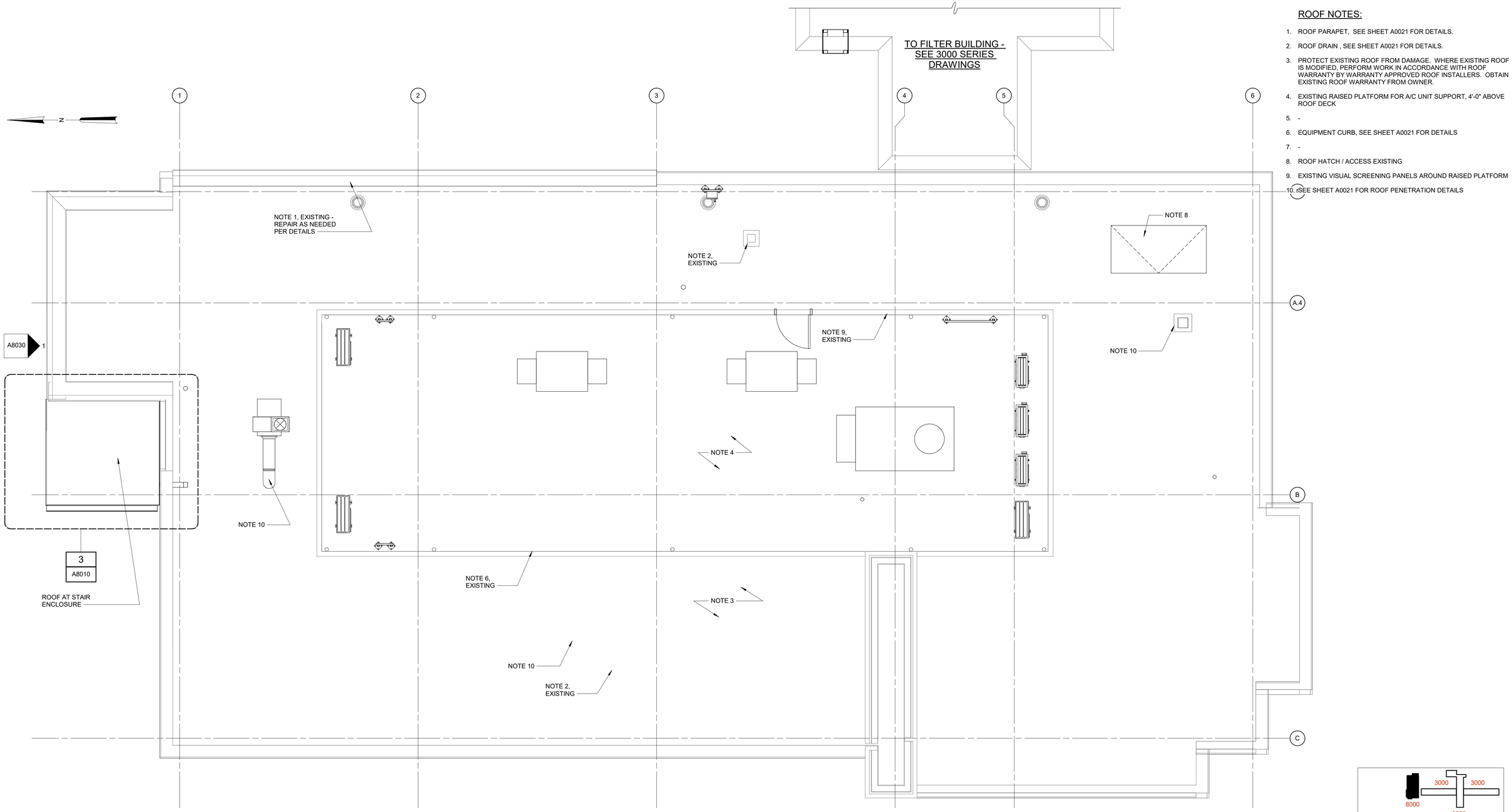
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
SECOND FLOOR PLAN - NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8004

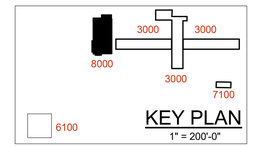
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ROOF NOTES:

1. ROOF PARAPET, SEE SHEET A0021 FOR DETAILS.
2. ROOF DRAIN , SEE SHEET A0021 FOR DETAILS.
3. PROTECT EXISTING ROOF FROM DAMAGE. WHERE EXISTING ROOF IS MODIFIED, PERFORM WORK IN ACCORDANCE WITH ROOF WARRANTY BY WARRANTY APPROVED ROOF INSTALLERS. OBTAIN EXISTING ROOF WARRANTY FROM OWNER.
4. EXISTING RAISED PLATFORM FOR A/C UNIT SUPPORT, 4'-0" ABOVE ROOF DECK
5. -
6. EQUIPMENT CURB, SEE SHEET A0021 FOR DETAILS
7. -
8. ROOF HATCH / ACCESS EXISTING
9. EXISTING VISUAL SCREENING PANELS AROUND RAISED PLATFORM
10. SEE SHEET A0021 FOR ROOF PENETRATION DETAILS

ROOF PLAN
1/4" = 1'-0"



KEY PLAN
1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

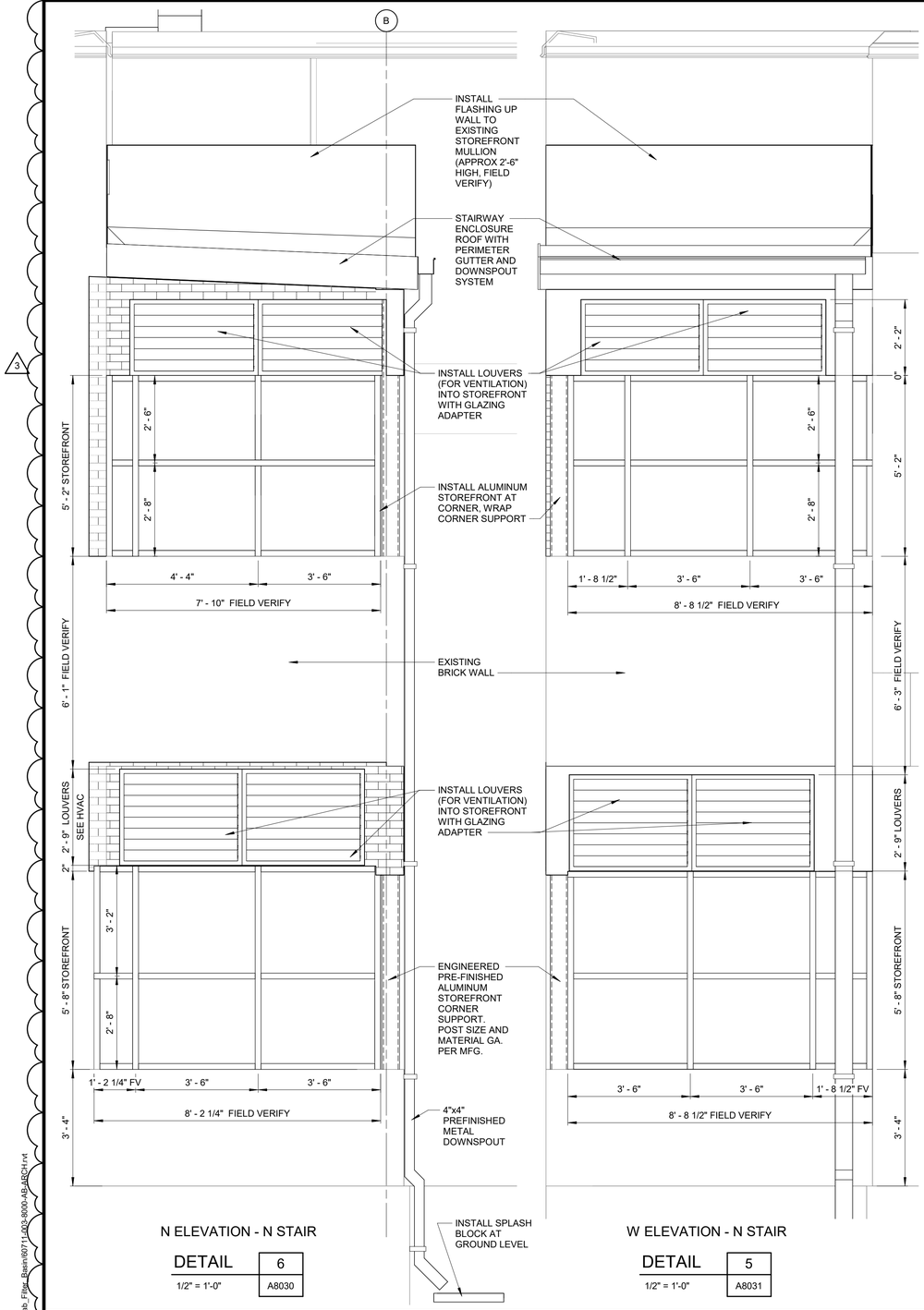
JACK H. WILSON WTP RENEWAL
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OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
ROOF PLAN - NEW CONSTRUCTION

DATE:	JULY 2026
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CONTRACT NO.:	1
DRAWING NUMBER:	A8005

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NO CHANGES HAVE BEEN MADE TO THIS SHEET - ISSUED FOR CONFIRMATION

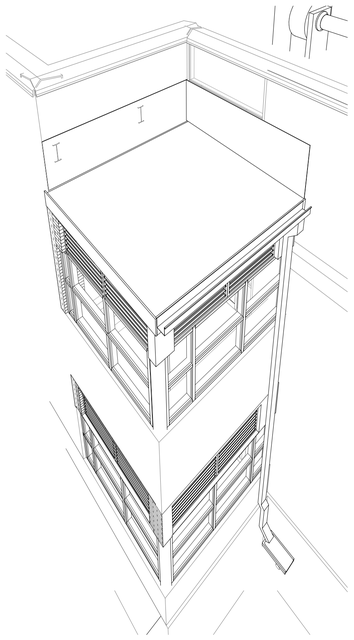


N ELEVATION - N STAIR

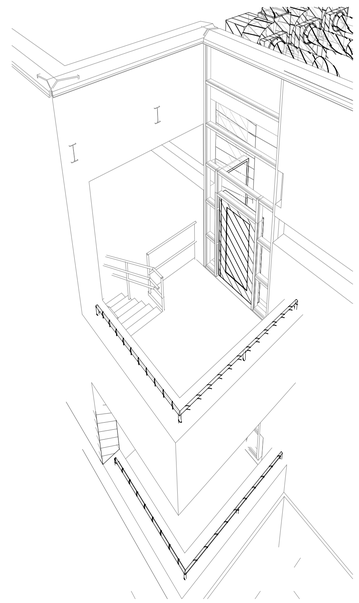
DETAIL 6 — 1/2" = 1'-0" — A8030

W ELEVATION - N STAIR

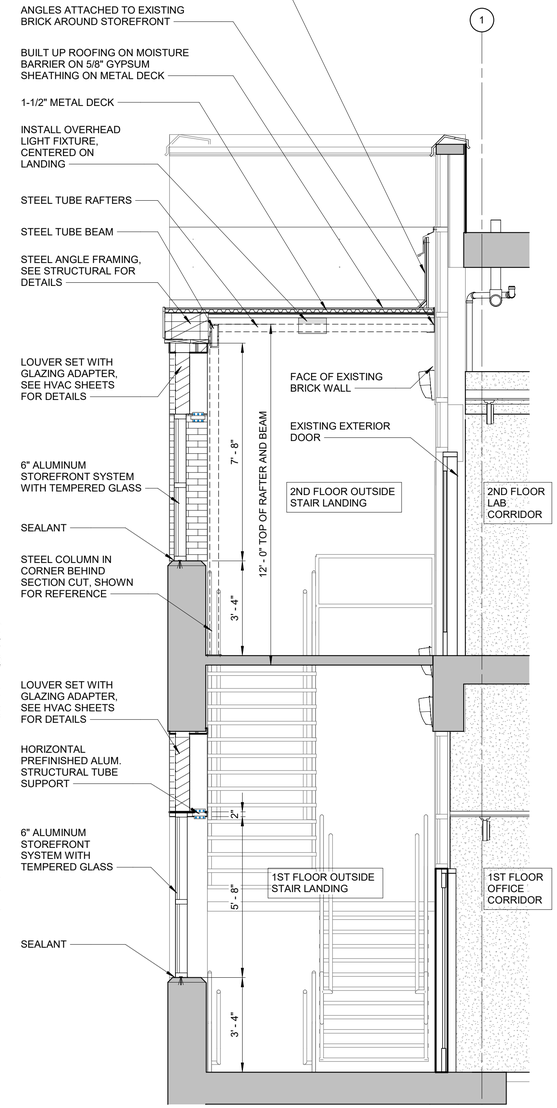
DETAIL 5 — 1/2" = 1'-0" — A8031



N STAIR - ROOF CONDITION - NEW

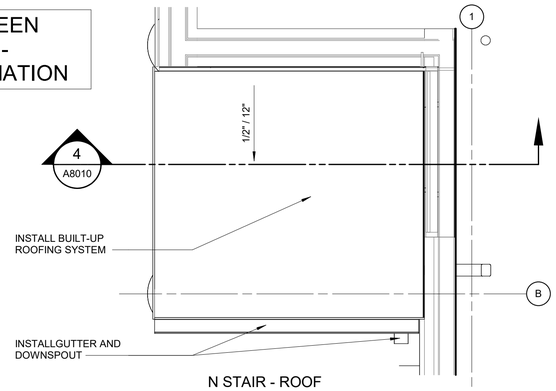


N STAIR - ROOF CONDITION - EXISTING



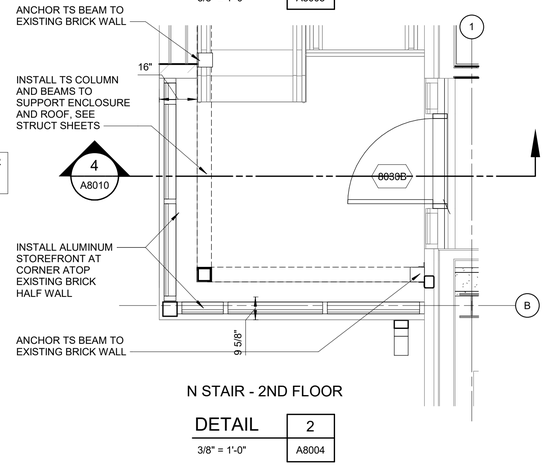
N STAIR SECTION @ STOREFRONT

SECTION 4 — 3/8" = 1'-0" — A8010



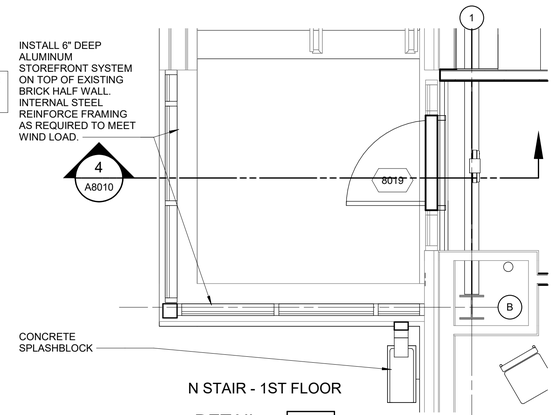
N STAIR - ROOF

DETAIL 3 — 3/8" = 1'-0" — A8005



N STAIR - 2ND FLOOR

DETAIL 2 — 3/8" = 1'-0" — A8004



N STAIR - 1ST FLOOR

DETAIL 1 — 3/8" = 1'-0" — A8003

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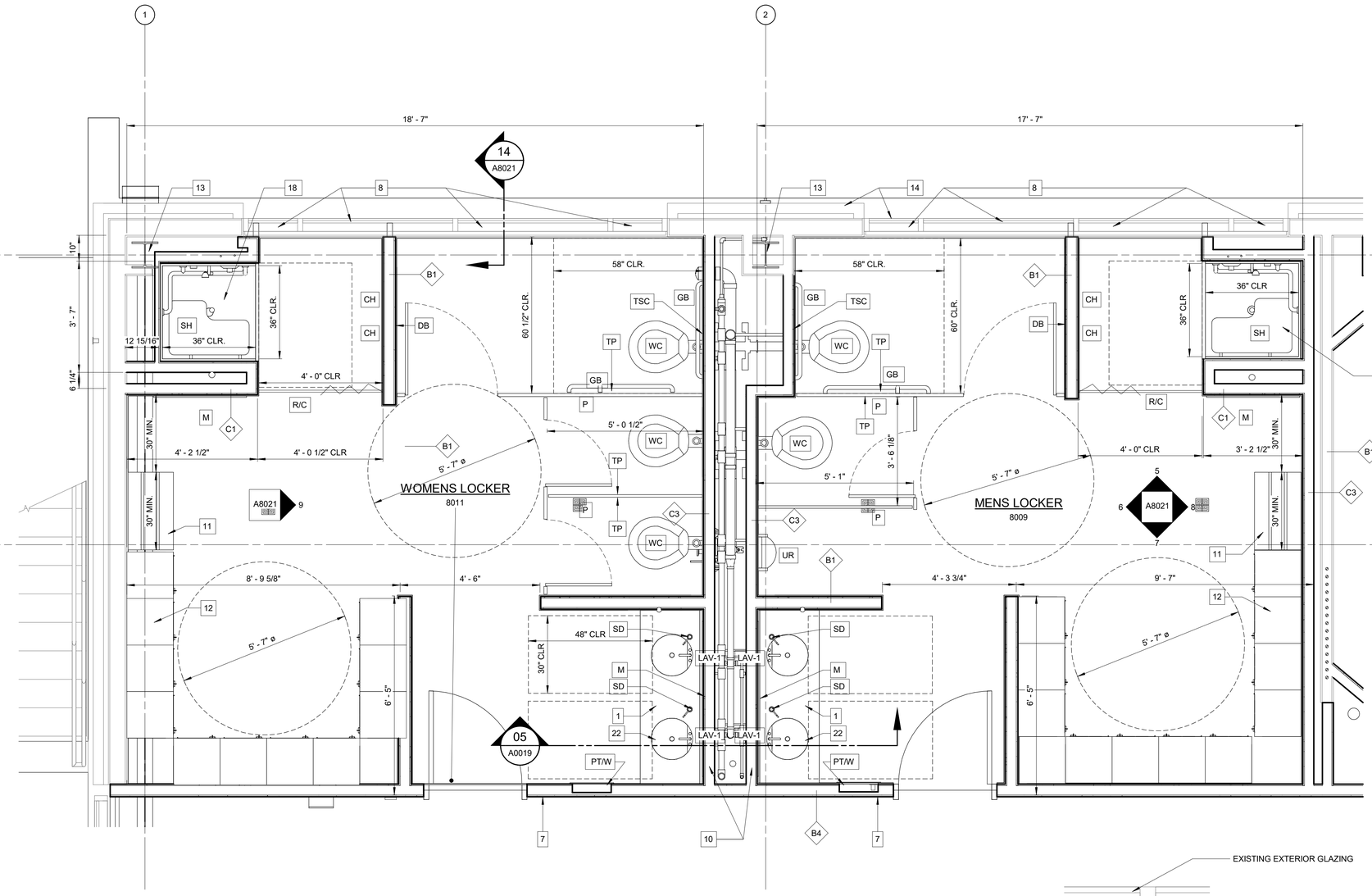
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
ENLARGED PLANS, DETAILS - NORTH STAIRWELL

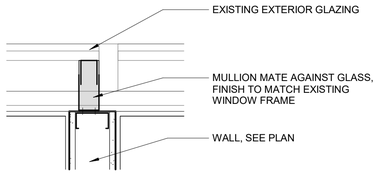
DATE:	JULY 2026
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CONTRACT NO.:	1
DRAWING NUMBER:	A8010

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LOCKER ROOMS

1/2" = 1'-0"



PARTITION AT EXISTING WINDOW

DETAIL 2 — 1 1/2" = 1'-0" — A8003

1ST FL CONSTRUCTION NOTES:

1. INSTALL COUNTERTOPS AND CASEWORK PER ELEVATIONS ON A8020-A8024. SEE A0019 AND A0019a FOR CASEWORK SECTIONS
2. PROVIDE COUNTER INFILL PANEL TO GLASS, SEE A8020 FOR DETAILS
3. INSTALL BLACK OUT SHADES
4. INSTALL SHELVING
5. PROVIDE PUSH BUTTON DEVICE WITH AUTOMATIC DOOR OPENER FOR HANDS FREE OPERATION
6. REMOVE EXISTING FLOORING AND INSTALL NEW FLOORING.
7. INSTALL SIGNAGE, SEE GEN SHT A0014 FOR MOUNTING LOCATION AND SCHEDULE. SEE A0022 FOR SIGNAGE GRAPHICS.
8. REPLACE EXISTING VISION GLASS WITH SPANDREL PANELS THAT MATCH EXISTING PANELS IN TOP AND BOTTOM OF WALL
9. ADJUSTABLE SHELVES, SEE A0019 FOR DETAILS
10. EXTEND STUDS AND GYP BOARD TO BOTTOM OF 2ND FLOOR, SEAL ALL JOINTS, AND PUT ACOUSTIC INSULATION IN BOTH WALLS. MAINTAIN AIR SPACE BETWEEN ROOMS
11. BENCH, SEE FURNITURE PLAN
12. LOCKERS, SEE FURNITURE PLAN
13. EXISTING COLUMNS TO RECIEVE 3" SPRAY FOAM COATING, ALL SIDES AND TOTAL LENGTH OF STEEL COLUMNS AT OUTSIDE PERIMETER OF BUILDING. FROM TOP OF BUILDING TO UNDER FLOOR CRAWL SPACE. SEE SHEET A8012 FOR REMEDIATION MEASURE DETAILS
14. WASH EXTERIOR OF BUILDING UPON COMPLETION OF WORK BEFORE TURN OVER TO CLIENT.
15. PROVIDE BLOCKING, OUTLET, AND DATA DROP FOR WALL HUNG MONITOR .SEE ELECTRICAL AND STRUCTURAL SHEETS
16. PAINT HANDRAILS
17. EXISTING WINDOWS SHALL BE REGLAZED,TYP.
18. ACCESSIBLE SHOWER, SEE A0019 FOR DETAILS
19. MIRROR
20. LINE OF FLOOR ABOVE
21. STAINLESS STEEL SAMPLE SINK, SEE M8002 FOR FAUCET SEQUENCE AND LABELLING. SEE PLUMBING SPECIFICATION 22 11 19, PART 2.07 FOR FAUCET SPECIFICATIONS.
22. UNDERMOUNT BLACK EPOXY HAND SINK, SEE PLUMBING SHEETS FOR DETAILS
23. SEE A8017 FURNITURE AND EQUIPMENT PLAN FOR ELEVATIONS
24. PROVIDE OUTLET AND DATA DROP FOR PENDANT HUNG MONITOR, SEE CEILING PLAN. SEE ELECTRICAL AND STRUCTURAL SHEETS

TOILET ACCESSORIES

WC	WATER CLOSET	GB	GRAB BAR
UR	URINAL	SND	SANITARY NAPKIN DISPOSAL
PT/W	RECESSED PAPER TOWEL DISPENSER W/ WASTE RECEPTICAL	TP	SURFACE MOUNTED TOILET PAPER DISPENSER
M	FRAMELESS MIRROR W/ SHELF	WF	HIGH/LOW WATER FOUNTAIN
SD	SOAP DISPENSER	SH	PREFABRICATED SHOWER UNIT
LAV-1	UNDER MOUNTED LAVATORY	M	MIRROR
P	TOILET PARTITION	R/C	SHOWER ROD AND CURTAIN
CH	COAT HOOK	DB	DOOR BUMPER
TSC	TOILET SEAT COVER DISPENSER		

SEE SHEET A0019 FOR MOUNTING HEIGHTS AND DETAILS

3

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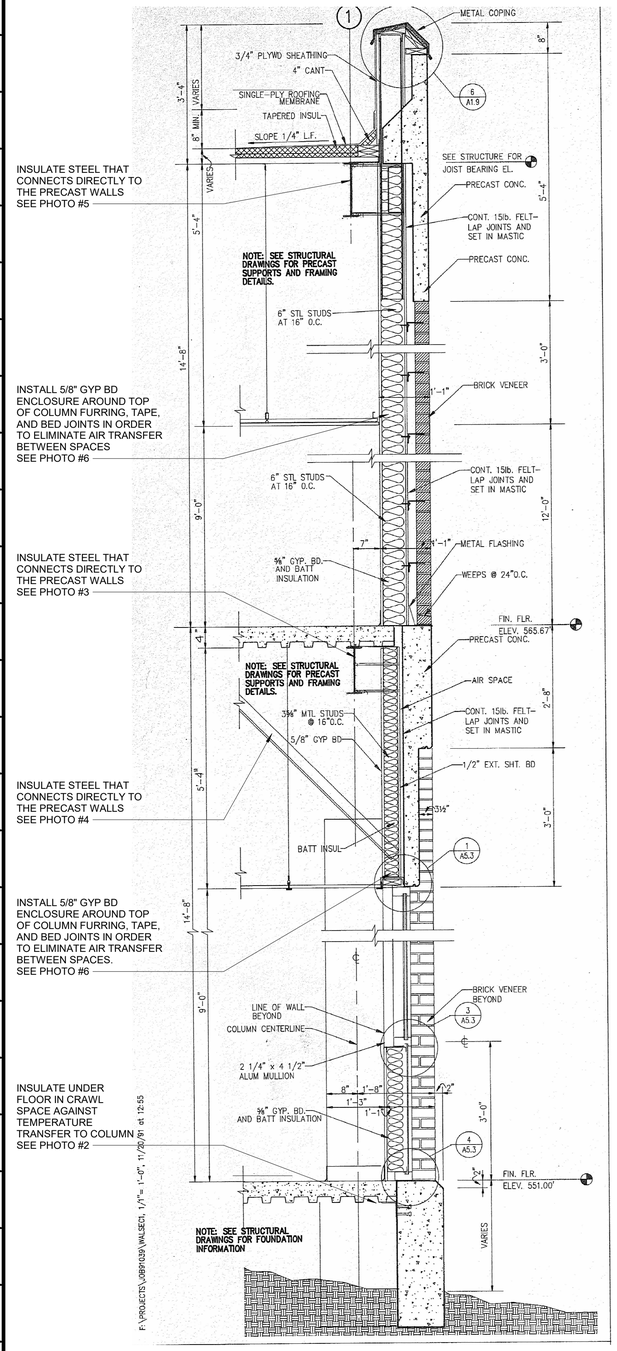
CENTRAL ARKANSAS WATER
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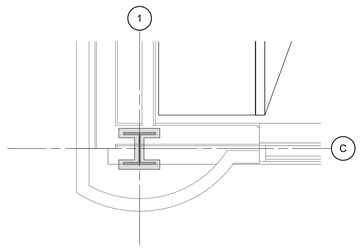
ADMINISTRATION BUILDING
ARCHITECTURAL
ENLARGED FLOOR PLANS - RESTROOMS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8011

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EXISTING CONDITION @ EXTERIOR COLUMNS



EXTERIOR COLUMN, TYP

1/2" = 1'-0"



1) SPRAY INSULATION ON STEEL BEAMS RUNNING PERPENDICULAR TO PRECAST EXTERIOR



2) RE-ATTACH INSULATION BOARD TO BACK OF CONRETE WALL AND REPLACE MISSING BOARDS FOR COMPLETE COVERAGE



3) SPRAY INSULATION ON ANGLES AND BEAMS CONNECTED TO PRECAST EXTERIOR TO PREVENT TRANSFER



4) SPRAY INSULATION ON ANGLES AND BEAMS CONNECTED TO PRECAST EXTERIOR TO PREVENT TRANSFER



5) SPRAY INSULATION ON STEEL BEAMS RUNNING PERPENDICULAR TO PRECAST EXTERIOR



6) CAP OPEN COLUMN ENCLOSURE WITH 5/8" GYP BD AROUND TOP OF COLUMN FURRING, TAPE, AND BED JOINTS IN ORDER TO ELIMINATE AIR TRANSFER BETWEEN SPACES



7) SPRAY INSULATION ONTO BEAMS AND ANGLES WITHIN 10'-0" OF THE EXTERIOR WALLS



8) SPRAY INSULATION ONTO BEAMS AND ANGLES WITHIN 10'-0" OF THE EXTERIOR WALLS

ADMINISTRATION BUILDING

EXISTING STRUCTURAL STEEL FRAME INSULATION PROCEDURE

BASEMENT, 1ST AND 2ND FLOORS :

1. REMOVE GYPSUM BOARD WHERE NECESSARY TO EXPOSE STEEL BEAMS IN CONTACT WITH EXTERIOR WALL.
2. SPRAY EXPOSED STEEL BEAMS WITHIN 10'-0" OF EXTERIOR WALLS AND CLOSE THE HOLES AT TOP OF GYP BD COLUMN ENCLOSURE (ABOVE CEILING) TO PREVENT AIR FLOW. SEE PHOTOS OF EXISTING CONDITIONS FOR ADDITIONAL CLARIFICATION.
3. CLEAN, DRY, AND INSPECT EXISTING SUBSTRATE BEFORE APPLICATION.
4. COVER ALL ELECTRICAL BOXES AND LINES TO AVOID SPRAYING THEM, THUS TRAPPING HEAT.
5. APPLY SPRAYED POLYURETHANE FOAM WITH A MINIMUM R VALUE OF 5 PER INCH.
6. COAT EXPOSED STEEL WITH INSULATING FOAM. SPRAY IN LAYERS TO ACHIEVE 3" THICKNESS. BEAM TO HAVE COVERAGE FOR MIN. 10'-0" INTO BUILDING INTERIOR.
7. ENSURE ADEQUATE COVERAGE WITHOUT GAPS OR RUNS.
8. VENTILATE WORSPACE THOROUGHLY DURING APPLICATION
9. INSPECT APPLICATION FOR COMPLETE COVERAGE AND DESIRED THICKNESS.
10. RE-ATTACH INSULATION BOARD AND REPLACE MISSING BOARDS FOR COMPLETE COVERAGE.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
SECTION - EXTERIOR COLUMNS

DATE:	JULY 2026
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DRAWING NUMBER:	A8012

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REFLECTED CEILING PLAN NOTES:

1. SEE SHEET A0020 FOR CEILING CONDITION DETAILS.
2. BULKHEAD, NOTE HEIGHT. SEE DETAIL 06/A0020
3. REPLACE ALL EXISTING CEILING TILES U.N.O.
4. SEE SHEET 03/A0020 FOR SOFFIT DETAILS
5. ACCESS DOOR, SEE 04/A0020 DETAIL
6. REMOVE EXISTING LAY-IN CEILING AND INSTALL GYP BOARD CEILING WITH SUPPORTS FOR PENDANT LIGHTING, SEE STRUCT SHEETS

LEGEND:

- 2' x 2' LAY-IN ACOUSTICAL CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- 2' x 2' LAY-IN ACOUSTICAL CEILING - LABS TO RECEIVE VINYL COATED TILES
- GYPSUM BOARD CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- EXP STR — EXPOSED STRUCTURE
- 2X2 and 2X4 LED LAY IN LIGHT FIXTURE, SEE ELEC DWGS
- RECESSED LED CAN LIGHT, SEE ELEC DWGS
- RECESSED LED WALL WASHER CAN LIGHT WITH DIMMER, SEE ELEC DWGS
- WALL MOUNTED LIGHT FIXTURE, SEE ELEC DWGS
- PENDANT LIGHT FIXTURE, SEE ELEC DWGS
- SPECIALTY LIGHT FIXTURE, SEE ELEC DWGS
- PENDANT HUNG DECORATIVE LIGHT FIXTURES - SAME FIXTURE, 3 DIFFERENT DIAMETERS
- UNDER CABINET LIGHT FIXTURE, SEE ELEC DWGS
- GYPSUM BOARD CEILING CONTROL JOINTS
- HVAC - RETURN GRILL, SEE MECH DWGS
- HVAC - SUPPLY DIFFUSER, SEE MECH DWGS
- HVAC - EXHAUST FAN, SEE MECH DWGS
- EMERGENCY EXIT LIGHTING, SEE LIFE SAFETY PLANS
- 30"x30", TYP. CEILING ACCESS PANEL, SEE SPECS FOR MORE INFORMATION

INFILL WINDOWS WITH SPANDREL PANELS

INFILL WINDOWS WITH SPANDREL PANELS

NEW WINDOW BLACK OUT SHADES

14 / A8021

56" TV MONITORS, WALL MOUNTED

WOMENS LOCKER 8011

MENS LOCKER 8009

STAIR 2 8018

CONTROL ROOM 8008

CORRIDOR 1 8002

STAIR 1 8036 EXISTING TO REMAIN

SERVICE AND STOCK ROOM 8007 EXISTING TO REMAIN

CORRIDOR 2 8020

ELEVATOR 8006

ELEV EQUIP 8006 EXISTING TO REMAIN

COMP GAS 8007 EXISTING TO REMAIN

OFFICE 8013

OFFICE 8014

OFFICE 8015

OFFICE 8016

OFFICE 8017

DAY LAB 8021

LOBBY 8003

7 / A0019a

05 / A0019

SURFACE MOUNTED CAN LIGHT FIXTURE

PENDANT HUNG DISPLAY MONITOR AND SUPPORT BRACKET, PROVIDE POWER OUTLET AND DATA DROP. SEE ELECTRICAL AND STRUCTURAL DRAWINGS FOR DETAILS.

EXISTING TRACK LIGHTING

PENDANT HUNG FIXTURES

CHANDELIER - PROVIDE BLOCKING SUPPORT ABOVE CEILING

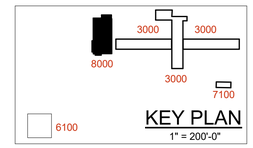
HVAC AIR CURTAIN OVER DOOR

SURFACE MOUNTED LIGHT FIXTURES, SEE ELECT

EXTEND EXISTING VESTIBULE CEILING WITH METAL STUD AND GYP BOARD STRUCTURE, INSTALL LIGHTING. SEE 2ND FLOOR PLAN AND ELECT

FIRST FLOOR PLAN - REFLECTED CEILING

1/4" = 1'-0"



KEY PLAN
1" = 200'-0"

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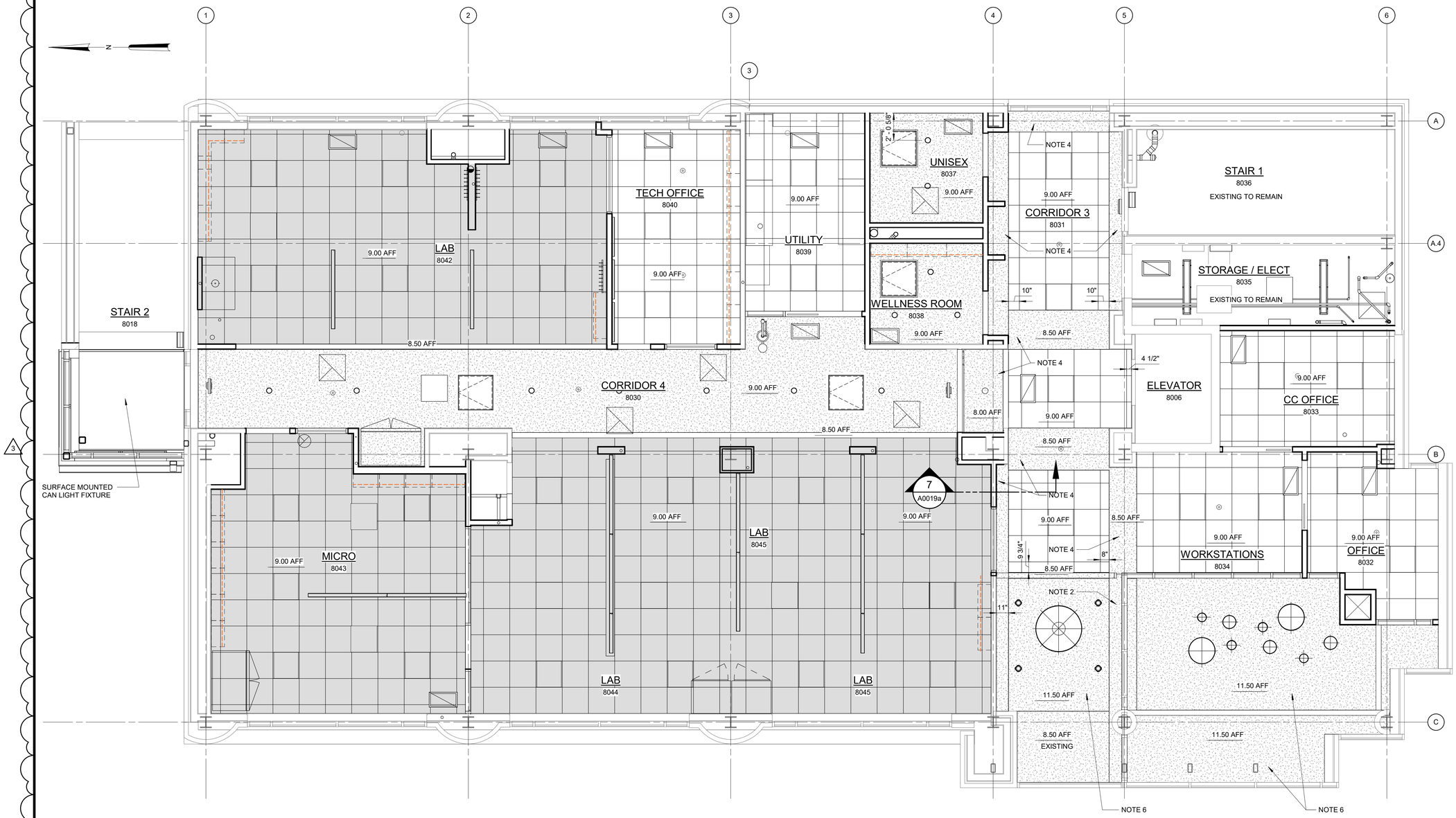
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JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
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ADMINISTRATION BUILDING
ARCHITECTURAL
FIRST FLOOR CEILING PLAN - NEW CONSTRUCTION

DATE:	JULY 2026
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SECOND FLOOR PLAN

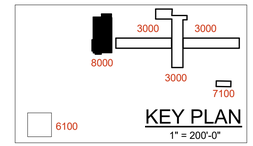
1/4" = 1'-0"

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1. SEE SHEET A0020 FOR CEILING CONDITION DETAILS.
2. BULKHEAD, NOTE HEIGHT. SEE DETAIL 06/A0020
3. REPLACE ALL EXISTING CEILING TILES U.N.O.
4. SEE SHEET 03/A0020 FOR SOFFIT DETAILS
5. ACCESS DOOR, SEE 04/A0020 DETAIL
6. REMOVE EXISTING LAY-IN CEILING AND INSTALL GYP BOARD CEILING WITH SUPPORTS FOR PENDANT LIGHTING, SEE STRUCT SHEETS

LEGEND:

- 2' x 2' LAY-IN ACOUSTICAL CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- 2' x 2' LAY-IN ACOUSTICAL CEILING - LABS TO RECEIVE VINYL COATED TILES
- GYPSUM BOARD CEILING - SEE ROOM FINISH SCHEDULE FOR HEIGHT AND FINISH
- EXP STR — EXPOSED STRUCTURE
- 2X2 and 2X4 LED LAY IN LIGHT FIXTURE, SEE ELEC DWGS
- RECESSED LED CAN LIGHT, SEE ELEC DWGS
- RECESSED LED WALL WASHER CAN LIGHT WITH DIMMER, SEE ELEC DWGS
- WALL MOUNTED LIGHT FIXTURE, SEE ELEC DWGS
- PENDANT LIGHT FIXTURE, SEE ELEC DWGS
- SPECIALTY LIGHT FIXTURE, SEE ELEC DWGS
- PENDANT HUNG DECORATIVE LIGHT FIXTURES - SAME FIXTURE, 3 DIFFERENT DIAMETERS
- UNDER CABINET LIGHT FIXTURE, SEE ELEC DWGS
- GYPSUM BOARD CEILING CONTROL JOINTS
- HVAC - RETURN GRILL, SEE MECH DWGS
- HVAC - SUPPLY DIFFUSER, SEE MECH DWGS
- HVAC - EXHAUST FAN, SEE MECH DWGS
- EMERGENCY EXIT LIGHTING, SEE LIFE SAFETY PLANS
- 30"x30", TYP. CEILING ACCESS PANEL, SEE SPECS FOR MORE INFORMATION



KEY PLAN
1" = 200'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
SECOND FLOOR CEILING PLAN - NEW CONSTRUCTION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8016

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Figs_Basin/60711-003-8000-AB-A8016.rvt
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1st FLOOR FURNITURE PLAN NOTES:

1. CONTROL ROOM DESKS
2. CONTROL ROOM MANAGER DESK
3. WALL MOUNTED MAP ROLL UP DISPLAY SYSTEM BY EASYROLLER
4. OFFICE DESKS WITH CHAIR - STRAIGHT
5. OFFICE DESK WITH CHAIR - "L" FOR LARGER OFFICES
6. FULL LENGTH MIRROR
7. SHOWER CURTAIN AND ROD
8. BREAK ROOM TABLE WITH CHAIRS
9. 56" TV/ MONITOR
10. -
11. GUEST CHAIR
12. CLUB CHAIR
13. SIDE TABLE
14. CREDENZA - 72"x24"
15. TRASH CAN

SEE PLUMBING SHEETS FOR SINK TYPES (SK#), TOILETS (T-#), AND EQUIPMENT PLUMBING LINES

NOTE:

FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER. CONTRACTOR TO COORDINATE SCHEDULE AND ACCESS TO THE WORK SPACE

FLOOR FINISH TRANSITIONS - SEE FINISH SCHEDULE FOR EA RM

CT	CERAMIC TILE FLOORING
LVT	LUXURY VINYL TILE - MODULAR ACOUSTIC FLOORING
CPT	CARPET TILE
VCT	VINYL COMPOSITE TILE
ETT	EPOXY TERRAZZO TILE
EX	EXISTING
FS	FLOOR SEALER
SRF	SEAMLESS RESINOUS FLOORING

FINISH / FINISH — TRANSITION STRIP SEE A0012

FIRST FLOOR FURNITURE PLAN

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
FIRST FLOOR - FURNITURE, FLOOR FINISH, AND EQUIPMENT PLAN

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8017

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Fltps_Basin/60711-003-8000-AB-ARCH.rvt
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2nd FLOOR FURNITURE PLAN NOTES:

1. BACK PAINTED GLASS
2. OPEN SHELVING - BOTTLE STORAGE
3. COAT HOOKS
4. OFFICE DESKS WITH CHAIR - STRAIGHT
5. OFFICE DESK WITH CHAIR - "L" SHAPED
6. GAS TANK SECURITY HARNESS
7. EXISITNG RACKS 5'x2' - BOXES OF BOTTLES
8. COOLERS RACK
9. 56" TV/ MONITOR
10. UNDERMOUNT BLACK EPOXY SINK, SEE PLUMBING SHEETS FOR DETAILS

SEE PLUMBING SHEETS FOR SINK TYPES (SK#) AND EQUIPMENT PLUMBING LINES

NOTE:

FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER. CONTRACTOR TO COORDINATE SCHEDULE AND ACCESS TO THE WORK SPACE

TO FILTER BUILDING - SEE 3000 SERIES DRAWINGS

LAB 8042 · UTILITY 8039 · UNISEX 8037 · WELLNESS ROOM 8038 · STAIR 1 8036 · STORAGE / ELECT 8035 · STAIR 2 8018 · CORRIDOR 4 8030 · TECH OFFICE 8040 · CORRIDOR 3 8031 · ELEVATOR 8006 · CC OFFICE 8033 · WORKSTATIONS 8034 · OFFICE 8032 · MICRO 8043 · FILTRATION · LAB 8044 · LAB 8045 · TOC · VOC PREP · GCMS COMPUTER STATION · ICPMS COMPUTER STATION · FLOW CAM

OPEN TO BELOW

FLOOR FINISH TRANSITIONS - SEE FINISH SCHEDULE FOR EA RM

CT	CERAMIC TILE FLOORING
LVT	LUXURY VINYL TILE - MODULAR ACOUSTIC FLOORING
CPT	CARPET TILE
VCT	VINYL COMPOSITE TILE
ETT	EPOXY TERRAZZO TILE
EX	EXISTING
FS	FLOOR SEALER
SRF	SEAMLESS RESINOUS FLOORING

FINISH / FINISH — TRANSITION STRIP SEE A0012

SECOND FLOOR FURNITURE PLAN

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

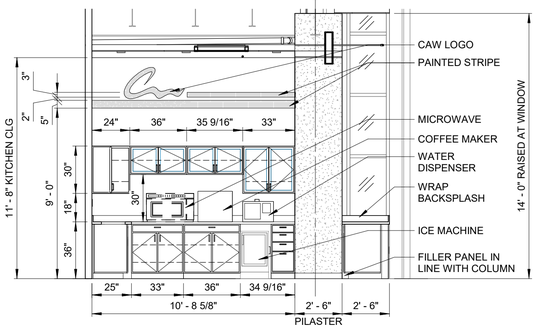
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ARCHITECTURAL
SECOND FLOOR - FURNITURE, FLOOR FINISH, AND EQUIPMENT PLAN

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8018

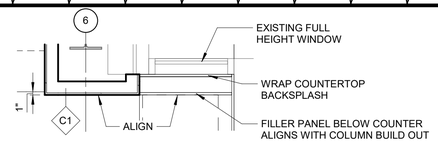
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BREAKROOM -E

SECTION 12 / A8017

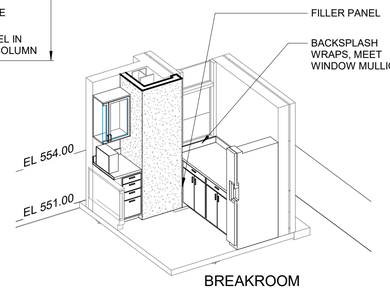
1/4" = 1'-0"



COUNTER-WINDOW-COLUMN

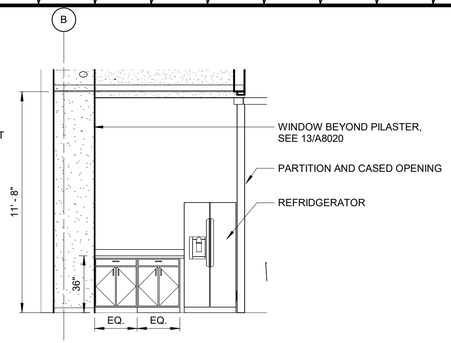
SECTION 11 / A8003

1/2" = 1'-0"



BREAKROOM WINDOW

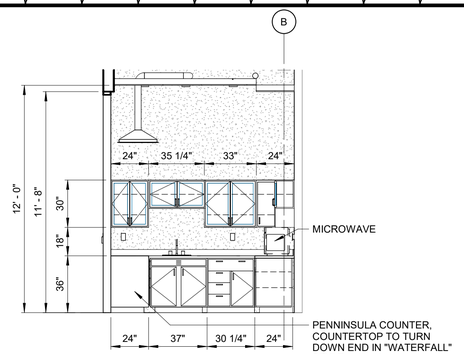
SECTION 13



BREAKROOM - S

SECTION 10 / A8017

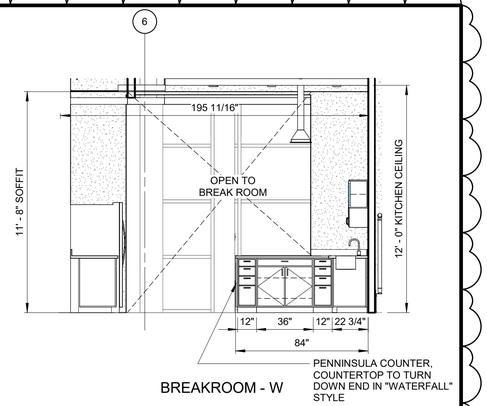
1/4" = 1'-0"



BREAKROOM - N

SECTION 9 / A8017

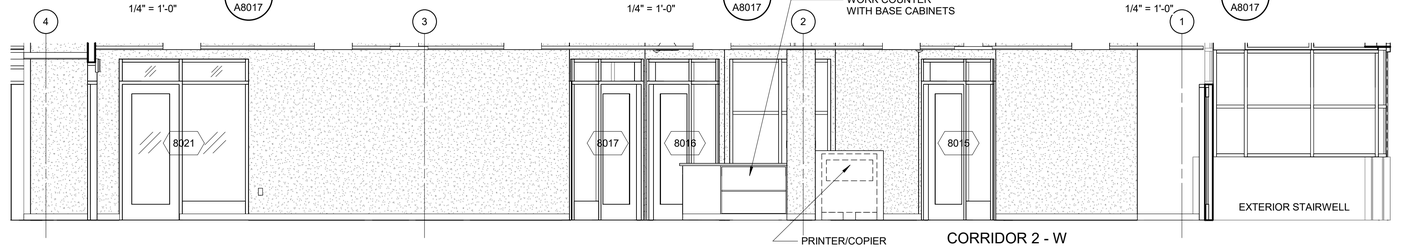
1/4" = 1'-0"



BREAKROOM - W

SECTION 8 / A8017

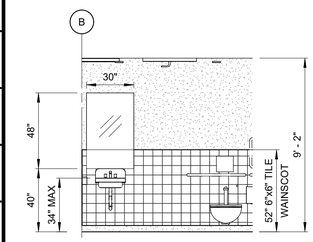
1/4" = 1'-0"



CORRIDOR 2 - W

SECTION 7 / A8010

1/4" = 1'-0"

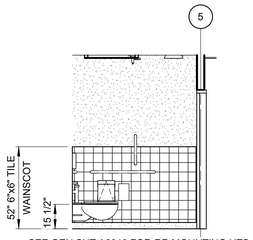


SEE GEN SHT A0019 FOR RR MOUNTING HTS

UNISEX RR - S

SECTION 6 / A8017

1/4" = 1'-0"

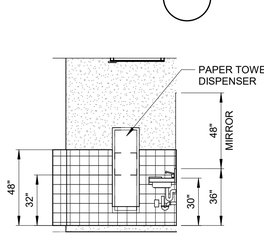


SEE GEN SHT A0019 FOR RR MOUNTING HTS

UNISEX RR - W

SECTION 5 / A8017

1/4" = 1'-0"

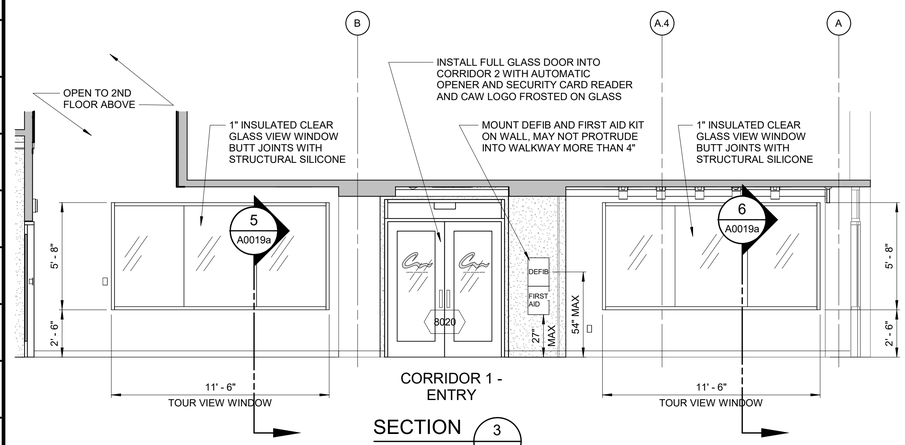


SEE GEN SHT A0019 FOR RR MOUNTING HTS

UNISEX RR - E

SECTION 4 / A8017

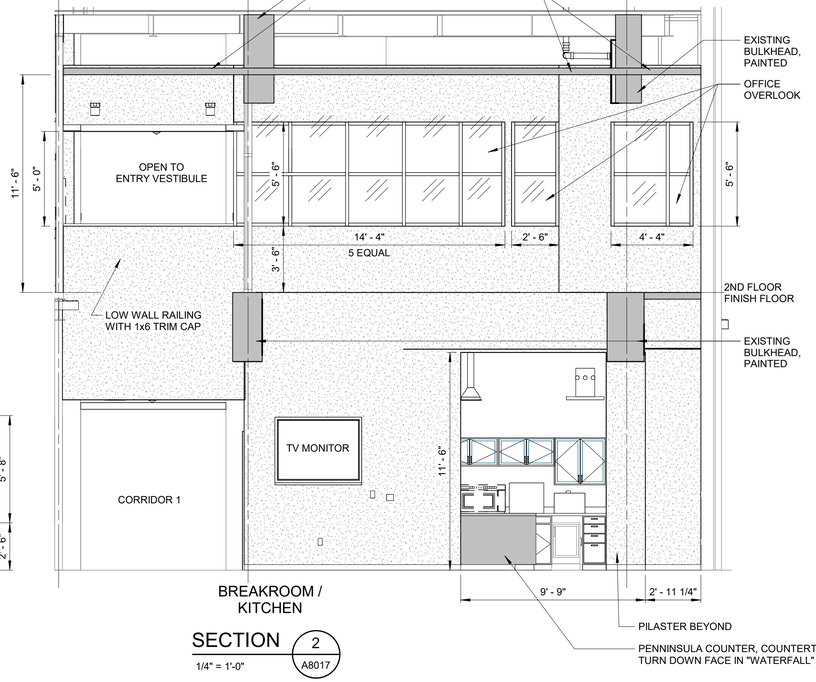
1/4" = 1'-0"



CORRIDOR 1 - ENTRY

SECTION 3 / A8017

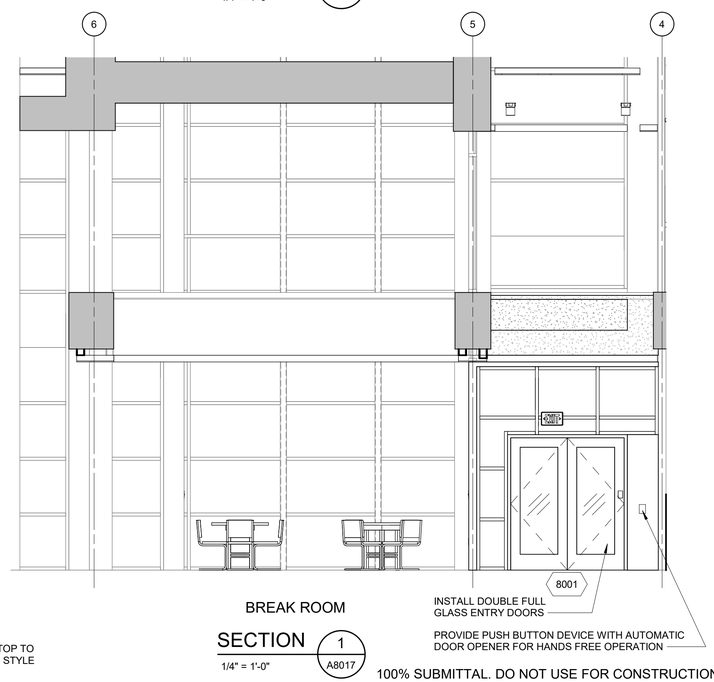
1/4" = 1'-0"



BREAKROOM / KITCHEN

SECTION 2 / A8017

1/4" = 1'-0"



BREAK ROOM

SECTION 1 / A8017

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

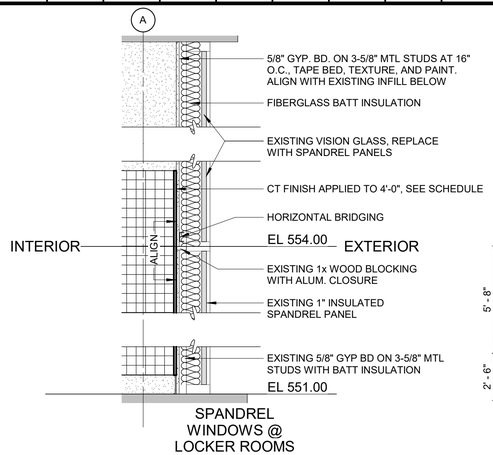
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

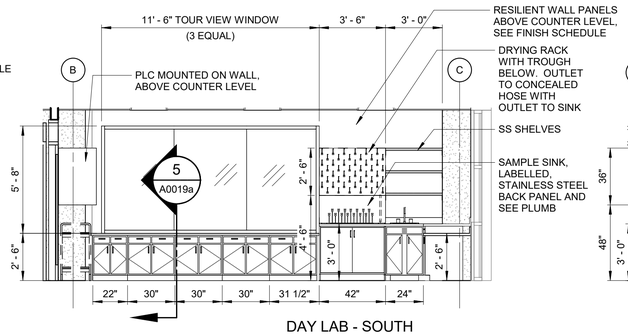
ADMINISTRATION BUILDING
ARCHITECTURAL
INTERIOR ELEVATIONS - FIRST FLOOR

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8020

Autodesk Docs://60711-001 Wilson. WTP_Rehab_Filipe.Braun@60711-002-8000-AB-R24.rvt
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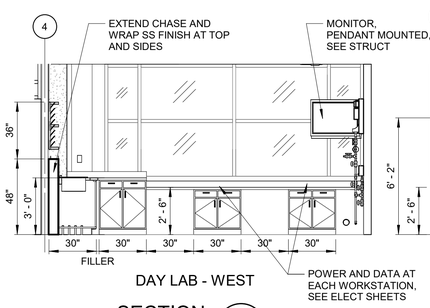


SECTION 14 / A8000
3/4" = 1'-0"



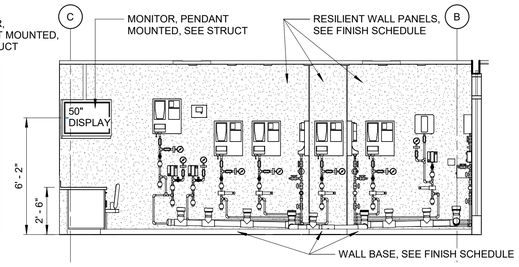
DAY LAB - SOUTH

SECTION 13 / A8017
1/4" = 1'-0"



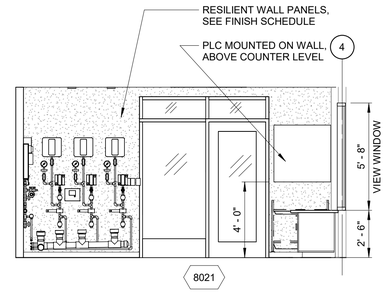
DAY LAB - WEST

SECTION 12 / A8017
1/4" = 1'-0"



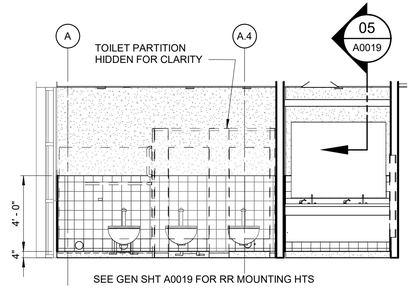
DAY LAB - NORTH

SECTION 11 / A8017
1/4" = 1'-0"



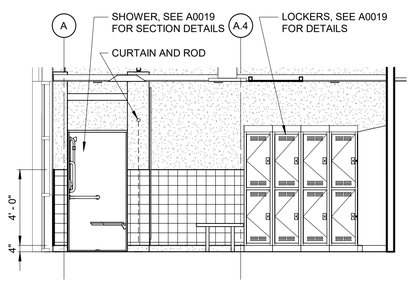
DAY LAB - EAST

SECTION 10 / A8017
1/4" = 1'-0"



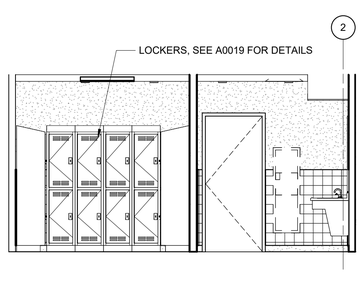
WOMEN LOCKER

SECTION 9 / A8011
1/4" = 1'-0"



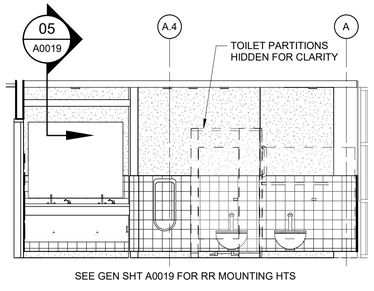
MEN LOCKER - SOUTH

SECTION 8 / A8011
1/4" = 1'-0"



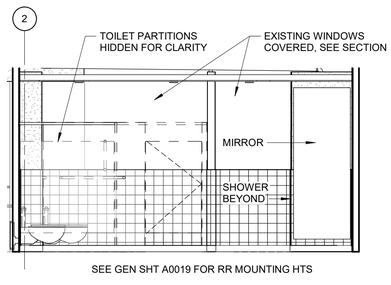
MEN LOCKER - WEST

SECTION 7 / A8011
1/4" = 1'-0"



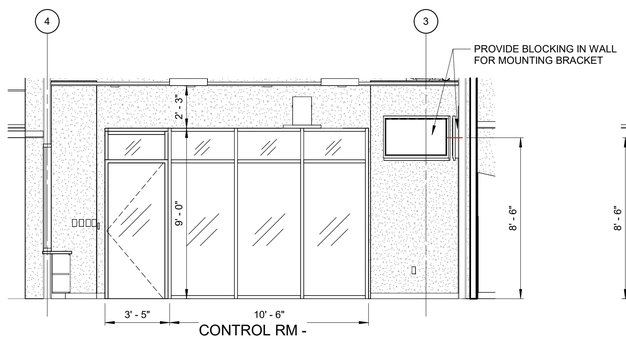
MEN LOCKER - NORTH

SECTION 6 / A8011
1/4" = 1'-0"



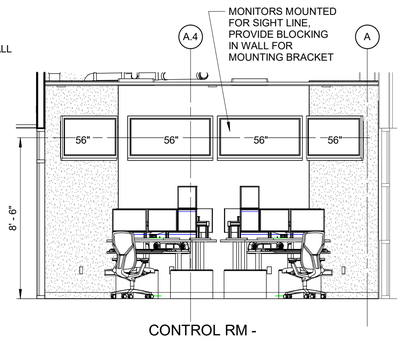
MEN LOCKER - EAST

SECTION 5 / A8011
1/4" = 1'-0"



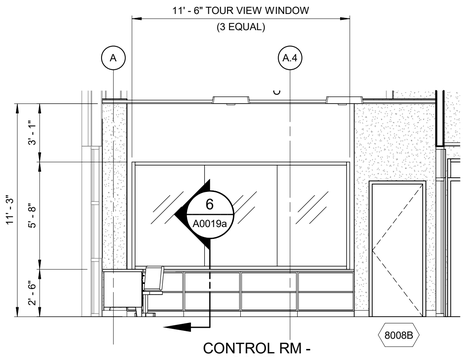
CONTROL RM - WEST

SECTION 4 / A8011
1/4" = 1'-0"



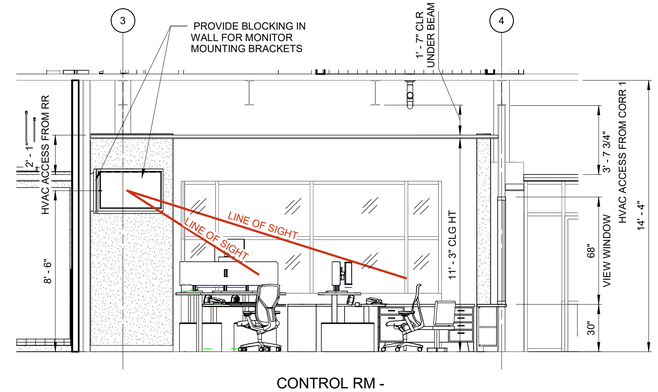
CONTROL RM - NORTH

SECTION 3 / A8017
1/4" = 1'-0"



CONTROL RM - SOUTH

SECTION 2 / A8017
1/4" = 1'-0"



CONTROL RM - EAST

SECTION 1 / A8011
1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

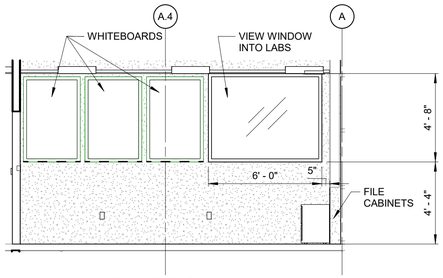
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
INTERIOR ELEVATIONS - FIRST FLOOR

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8021

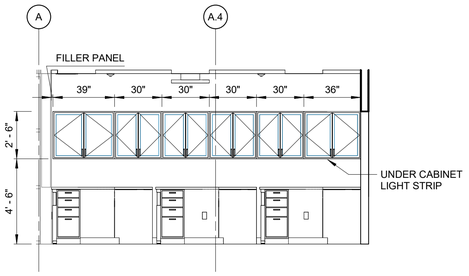
Autodesk Docs://60711-001 Wilson_WTP_Rehab_Filipp_Bean/60711-003_8000-AB-ARCH.rvt
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TECH OFFICE - NORTH

SECTION 13 A8018

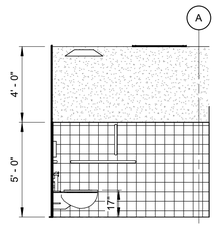
1/4" = 1'-0"



TECH OFFICE - SOUTH

SECTION 12 A8018

1/4" = 1'-0"

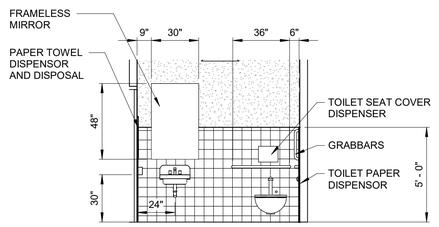


SEE GEN SHT A0019 FOR RR MOUNTING HTS

UNISEX - NORTH

SECTION 11 A8018

1/4" = 1'-0"

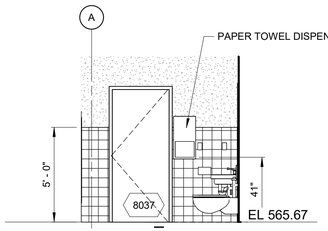


SEE GEN SHT A0019 FOR RR MOUNTING HTS

UNISEX - WEST

SECTION 10 A8018

1/4" = 1'-0"

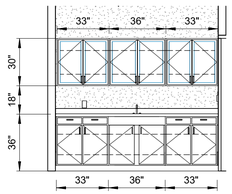


SEE GEN SHT A0019 FOR RR MOUNTING HTS

UNISEX - SOUTH

SECTION 9 A8018

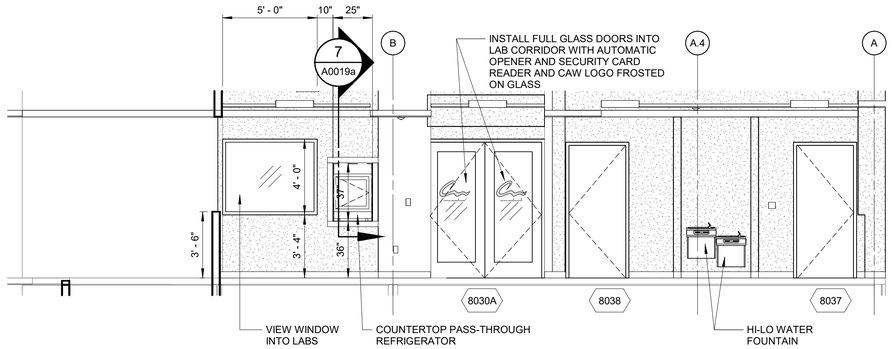
1/4" = 1'-0"



MOTHER'S ROOM

SECTION 8 A8018

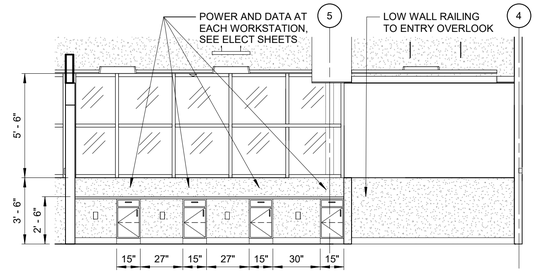
1/4" = 1'-0"



CORRIDOR

SECTION 7 A8018

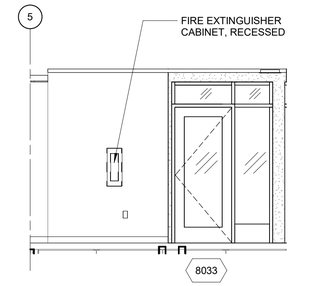
1/4" = 1'-0"



WORKSTATION - WEST

SECTION 6 A8018

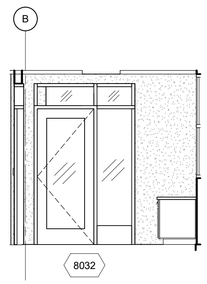
1/4" = 1'-0"



WORKSTATION - EAST

SECTION 5 A8018

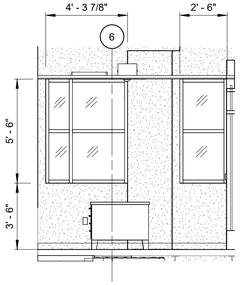
1/4" = 1'-0"



WORKSTATION - SOUTH

SECTION 4 A8018

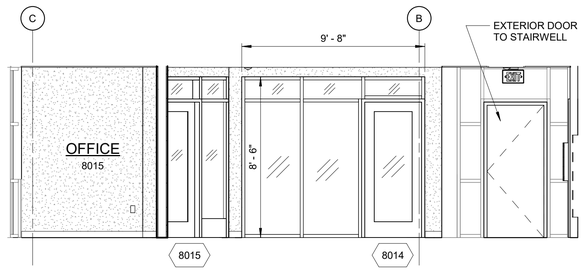
1/4" = 1'-0"



OFFICE

SECTION 3 A8018

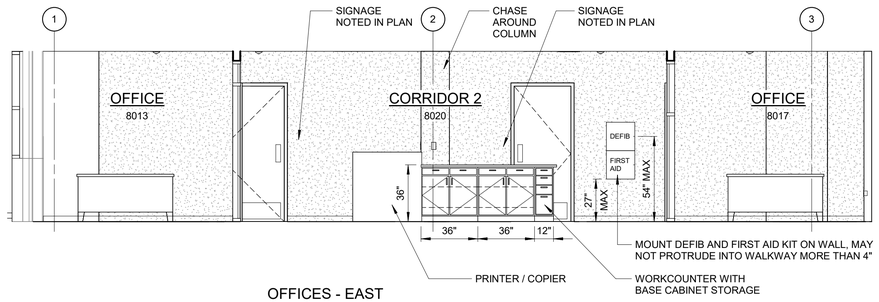
1/4" = 1'-0"



OFFICES - NORTH

SECTION 2 A8011

1/4" = 1'-0"



OFFICES - EAST

SECTION 1 A8017

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

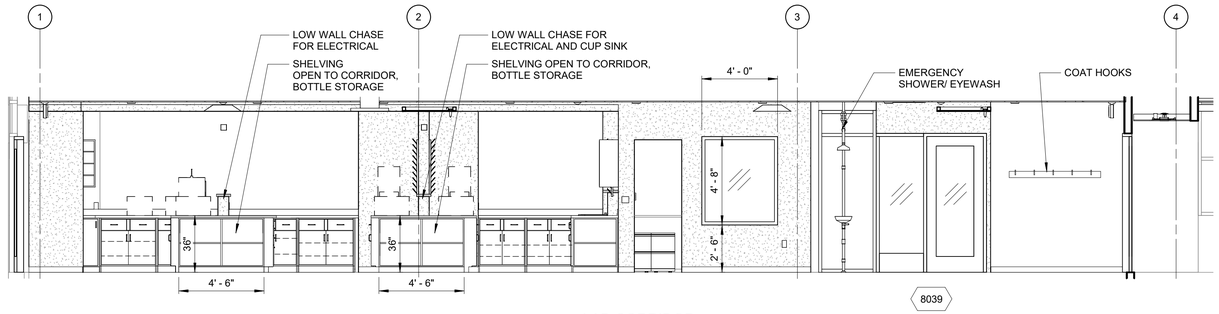
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
INTERIOR ELEVATIONS - FIRST AND SECOND FLOOR

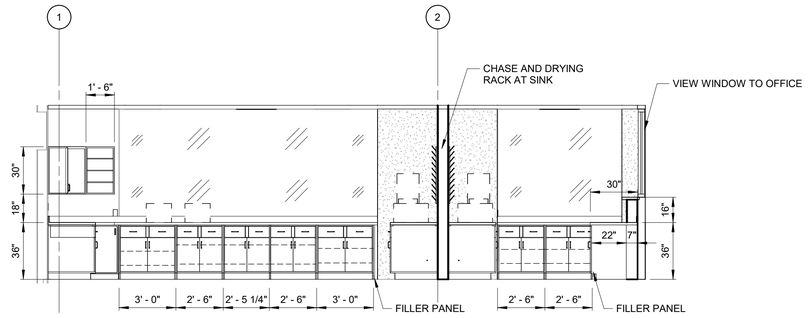
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8022

Autodesk Docs://60711-001 Wilson_WTP_Rehab_Filter_Basin/60711-003_8000-AB-ZSCI.rvt
7/6/2026 2:25:24 PM



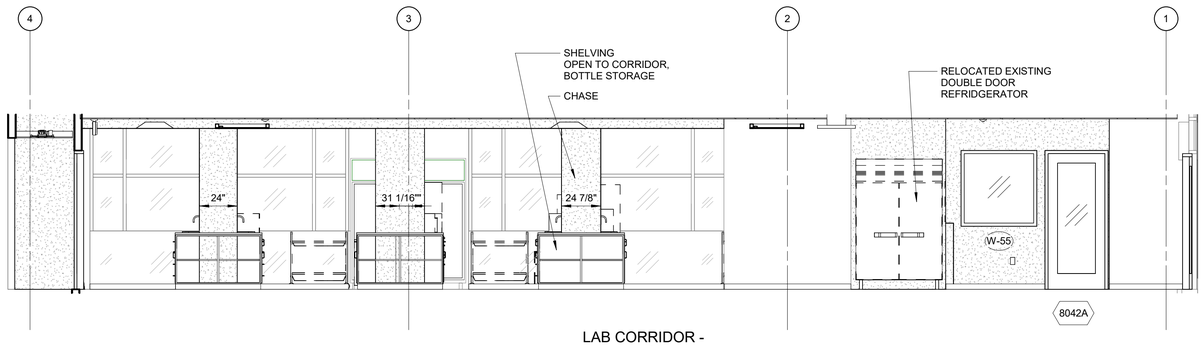
LAB CORRIDOR - EAST

SECTION 9 / A8010 — 1/4" = 1'-0"



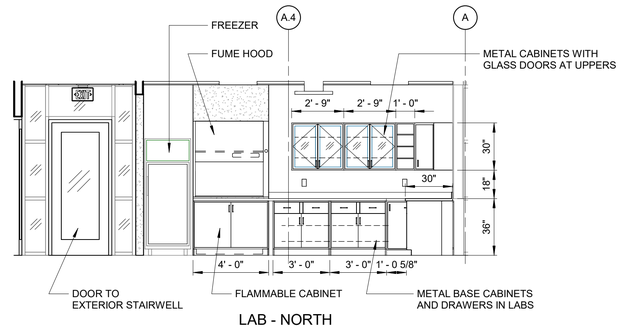
LAB - EAST

SECTION 8 / A8018 — 1/4" = 1'-0"



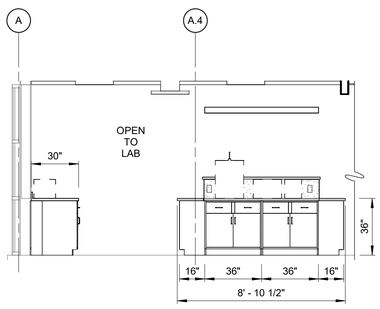
LAB CORRIDOR - WEST

SECTION 7 / A8010 — 1/4" = 1'-0"



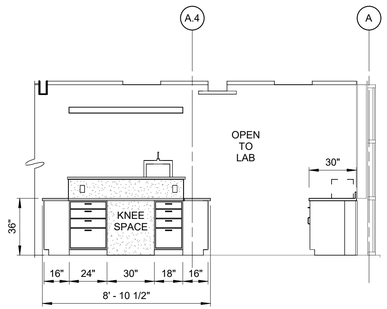
LAB - NORTH

SECTION 6 / A8018 — 1/4" = 1'-0"



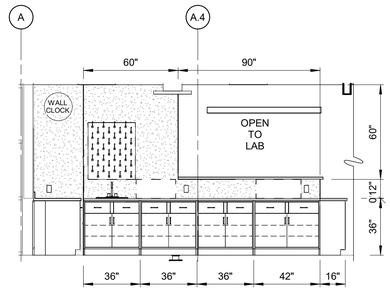
SOLIDS AREA

SECTION 5 / A8018 — 1/4" = 1'-0"



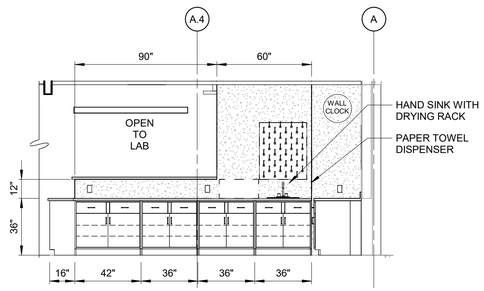
ELISA AREA

SECTION 4 / A8018 — 1/4" = 1'-0"



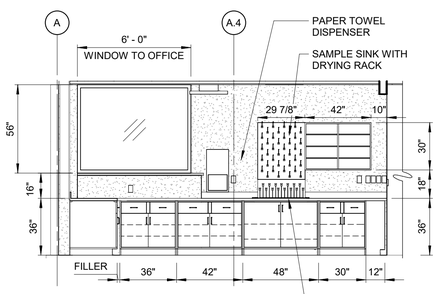
IC AREA - SOUTH

SECTION 3 / A8018 — 1/4" = 1'-0"



PH AREA

SECTION 2 / A8018 — 1/4" = 1'-0"



TITRATION - SOUTH

SECTION 1 / A8018 — 1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

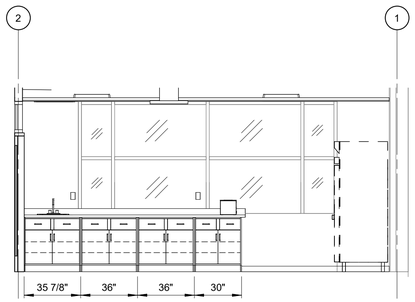
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
INTERIOR ELEVATIONS - SECOND FLOOR

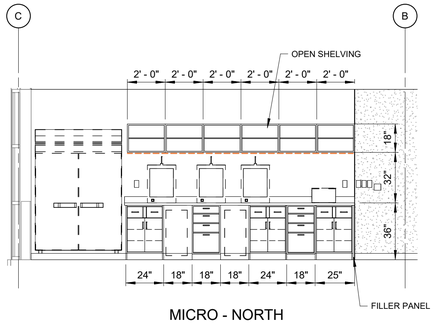
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8023

Autodesk Docs://60711-001 Wilson_WTP_Rehab_Filter_Basin/60711-002-8000-AB-plot.rvt
7/6/2026 2:25:42 PM



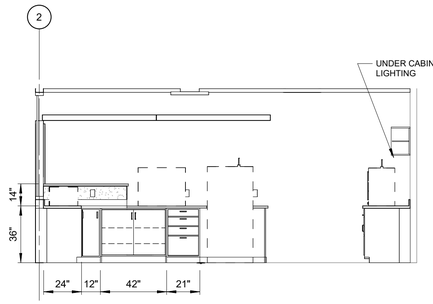
MICRO - EXT WALL

SECTION 14 / A8018 — 1/4" = 1'-0"



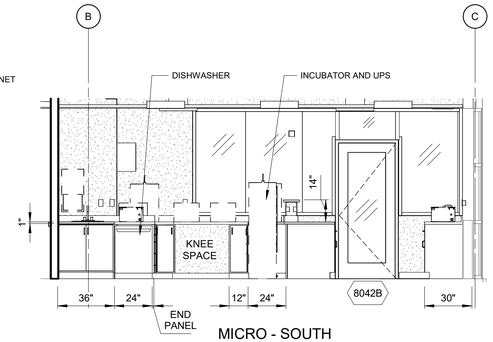
MICRO - NORTH

SECTION 12 / A8012 — 1/4" = 1'-0"



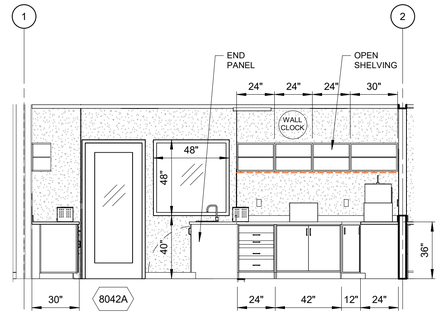
MICRO - WEST

SECTION 11 / A8018 — 1/4" = 1'-0"



MICRO - SOUTH

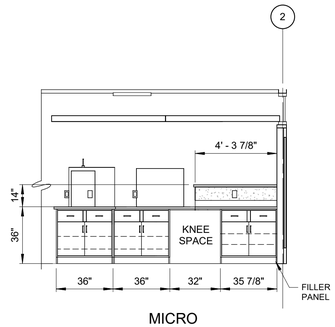
SECTION 10 / A8018 — 1/4" = 1'-0"



MICRO - EAST

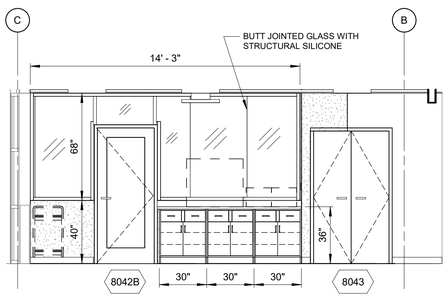
SECTION 9 / A8018 — 1/4" = 1'-0"

3



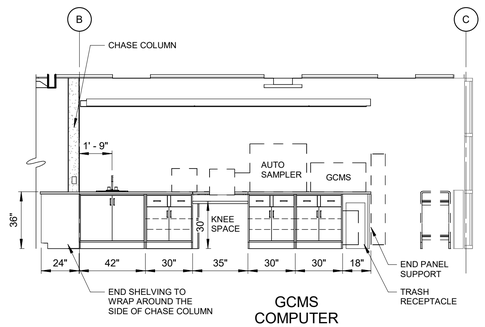
MICRO

SECTION 13 / A8018 — 1/4" = 1'-0"



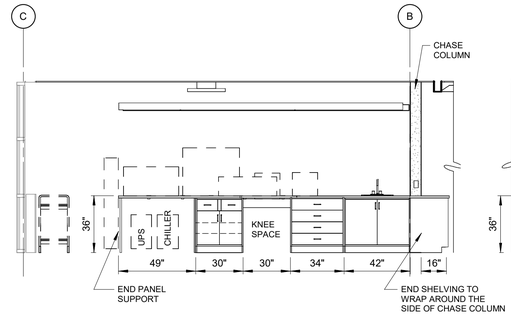
FLOW CAM

SECTION 8 / A8018 — 1/4" = 1'-0"



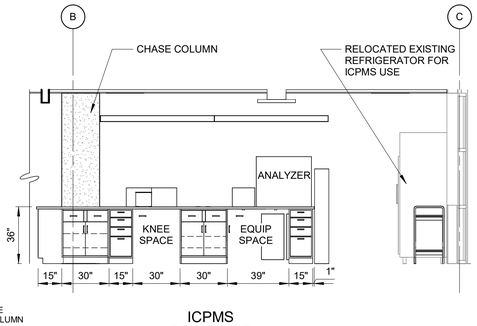
GCMS COMPUTER STATION

SECTION 7 / A8018 — 1/4" = 1'-0"



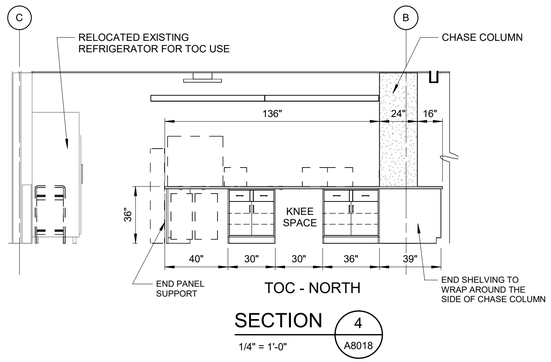
ICPMS

SECTION 6 / A8018 — 1/4" = 1'-0"



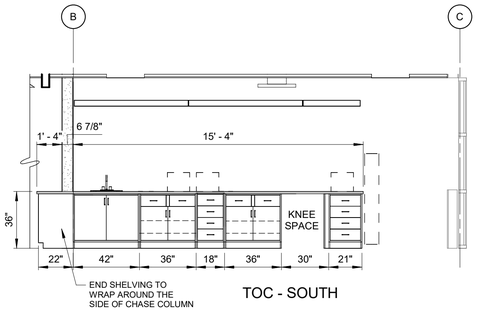
ICPMS COMPUTER STATION

SECTION 5 / A8018 — 1/4" = 1'-0"



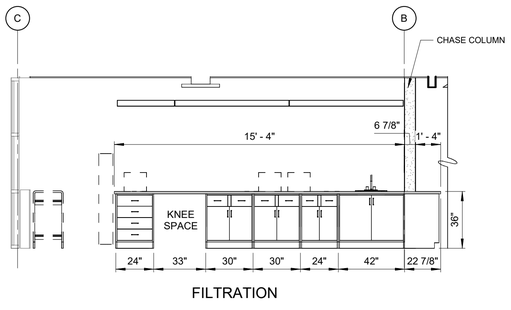
TOC - NORTH

SECTION 4 / A8018 — 1/4" = 1'-0"



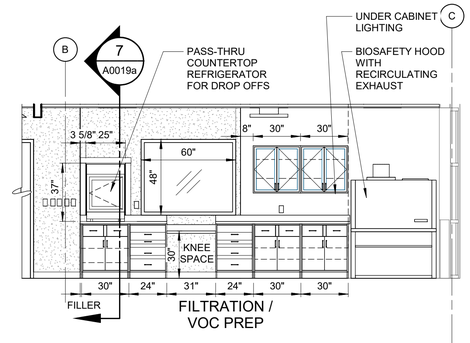
TOC - SOUTH

SECTION 3 / A8018 — 1/4" = 1'-0"



FILTRATION

SECTION 2 / A8018 — 1/4" = 1'-0"



FILTRATION / VOC PREP

SECTION 1 / A8018 — 1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. WATSON
DRAWN BY:	H. VINEY
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

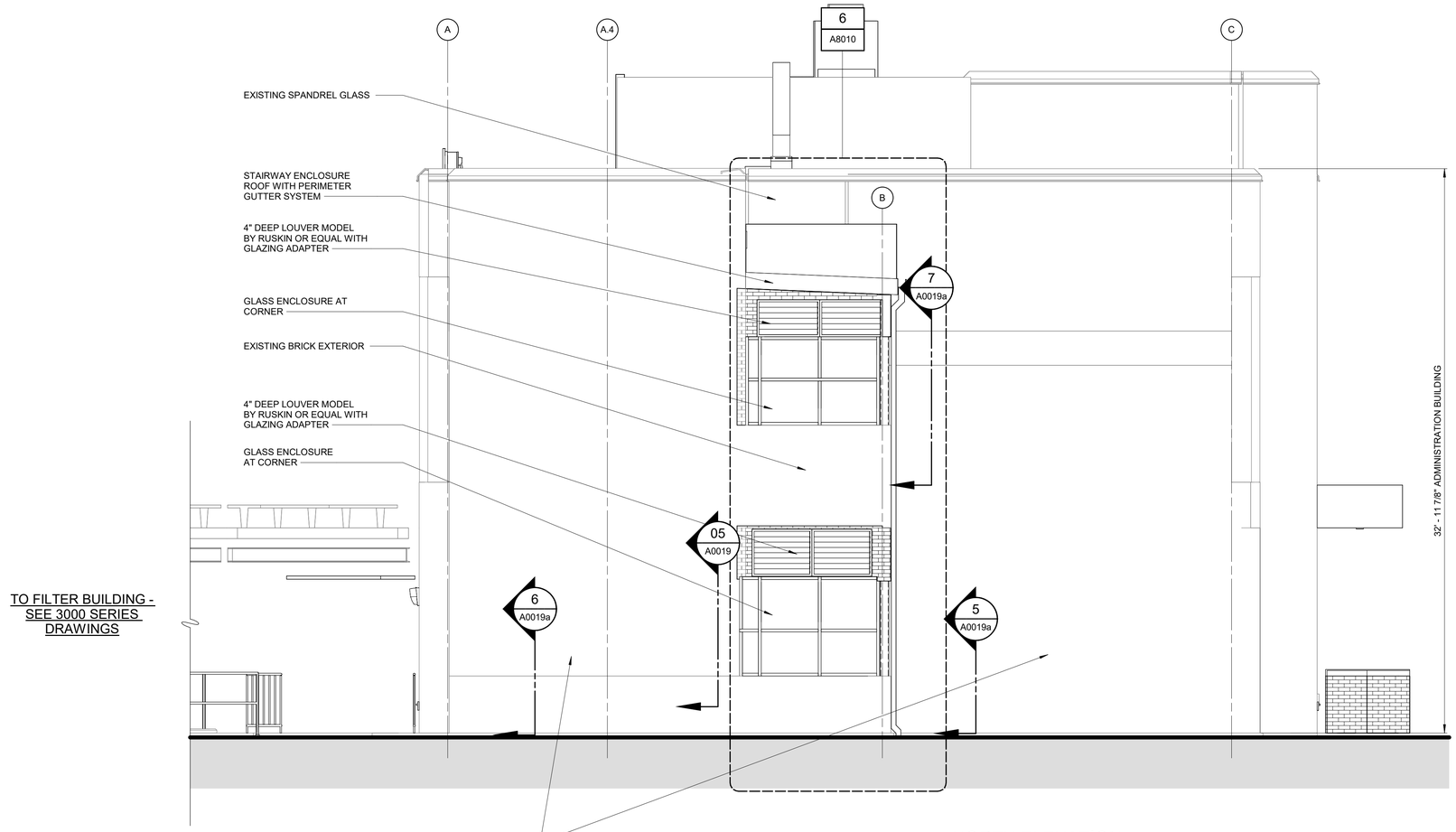
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
INTERIOR ELEVATIONS - SECOND FLOOR

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8024

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Files_Revit/60711-001-8000-AB-A8024.rvt
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NORTH ELEVATION
1/4" = 1'-0"

LEGEND:

100	DOOR NUMBER - SEE DRAWING A0012 EXISTING DOORS NOT NOTED, ONLY NEW
W-1	WINDOW NUMBER - SEE DRAWING AXXX
L-1	LOUVER NUMBER - SEE DRAWING AXXX

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

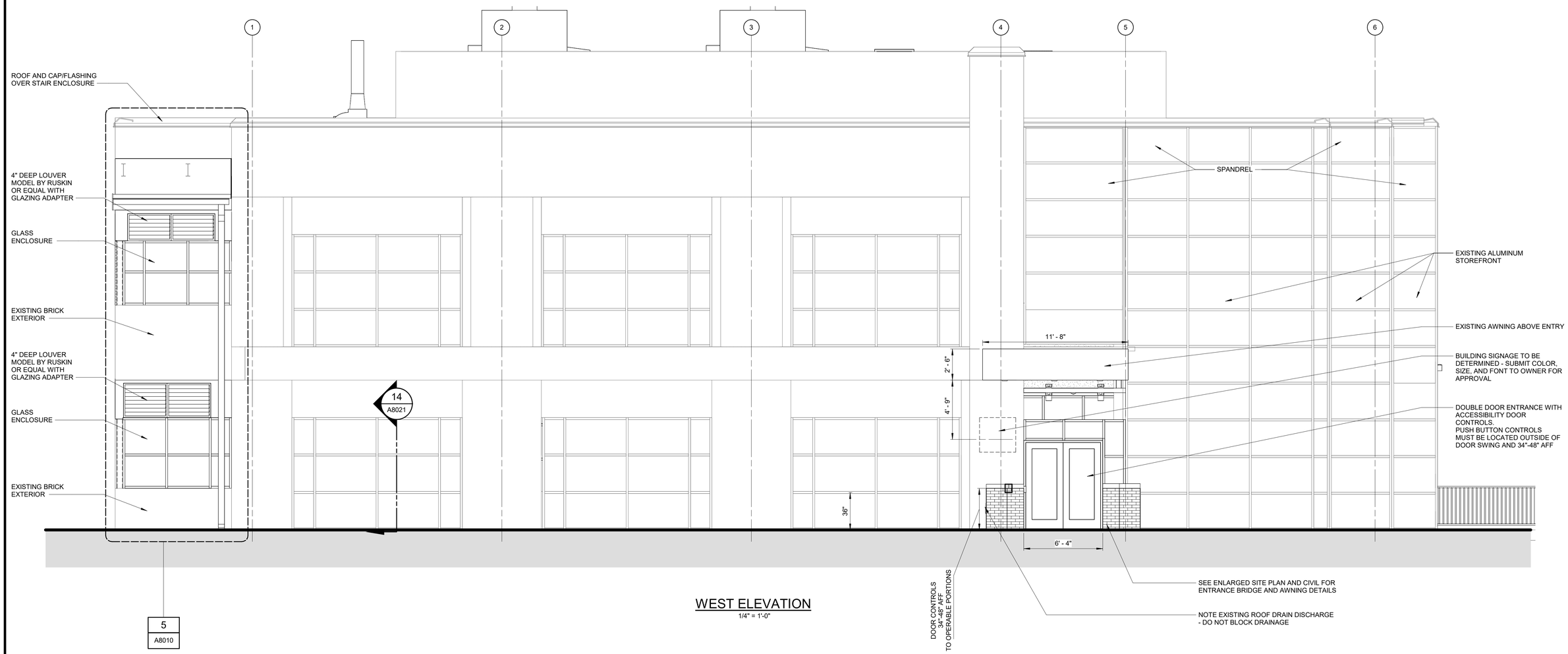
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
EXTERIOR ELEVATION - NORTH

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8030

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-ARCH.rvt
7/6/2026 2:25:12 PM



WEST ELEVATION
1/4" = 1'-0"

LEGEND:

100	DOOR NUMBER - SEE DRAWING A0012 EXISTING DOORS NOT NOTED, ONLY NEW
W-1	WINDOW NUMBER - SEE DRAWING AXXX
L-1	LOUVER NUMBER - SEE DRAWING AXXX

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	CONFORMED DRAWINGS	03-13-25	WR

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	H. VINEY
DRAWN BY:	A. BLAHA
PROJECT ENGINEER:	W. RUSSELL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ARCHITECTURAL
EXTERIOR ELEVATION - WEST

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	A8031

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-ARCH.rvt
7/6/2026 2:25:13 PM

SYMBOLS

T	THERMOSTAT/TEMPERATURE SWITCH
FS	FLOW SENSOR
MD	MOTORIZED DAMPER
GD	GRAVITY DAMPER
E	EMERGENCY STOP
(E)	EMERGENCY STOP
	MANUAL VOLUME DAMPER
	INFILTRATION/EXFILTRATION
	ROOF AIR INTAKE/RELIEF
	AIRFLOW
	DUCT MOUNTED SENSOR
	ROOF EXHAUST FAN
XX-BLDG-QTY	
	INLINE FAN
XX-BLDG-QTY	
	WALL FAN
XX-BLDG-QTY	
	AIR HANDLING UNIT
	DAMPER
	LOUVER
	FILTER
	UNIT HEATER
	SIGNALING DATA DEVICE
	SUPPLY AIR DUCT SECTION-UP
	RETURN AIR DUCT
	EXHAUST AIR DUCT
	FLUE
	DIRECTIONAL FLOW ARROW

AHU-XXX-1
- QUANTITY DESIGNATION
- BUILDING NUMBER (IF MULTIPLE)
- EQUIPMENT DESIGNATION

SR-1
- SUPPLY AIR REGISTER
- SUPPLY AIR REGISTER (TYPE #)

- RR-1: RETURN AIR REGISTER (TYPE #)
- ER-1: EXHAUST AIR REGISTER (TYPE #)

20X10 SR-1
1000 CFM
BOD XX'-XX"
- 20X10 NECK SIZE, SUPPLY REGISTER (TYPE #)
- 1000 CUBIC FEET PER MINUTE AIRFLOW RATE
- DISTANCE FROM FINISHED FLOOR

CDA
24X24
300 CFM
- CEILING DIFFUSER (SYSTEM TYPE)
- LOUVERED FACE SIZE
- CUBIC FEET PER MINUTE AIRFLOW RATE SETTING (MAX)

LINETYPES

- NEW - HVAC
- NEW - ALL ADDITIONAL DISCIPLINES
- NEW - HIDDEN
- VENT
- EXISTING - HIDDEN
- EXISTING - ALL DISCIPLINES
- 1 HR FIRE RATED WALL

ABBREVIATIONS

AI	ANALOG INPUT
AC	AIR CONDITIONING, AIR CONDITIONING UNIT
ACCU	AIR COOLED CONDENSING UNIT
ACC	AIR COOLED CONDENSER
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AHU	AIR HANDLING UNIT
AO	ANALOG OUTPUT
APD	AIR PRESSURE DROP
ATC	AUTOMATIC TEMPERATURE CONTROL
ATU	AIR TERMINAL UNIT
B	BOILER
BD	GRAVITY BACKDRAFT DAMPER
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BOR	BOTTOM OF REGISTER
BOT	BOTTOM
CB	CIRCUIT BREAKER
CFM	CUBIC FEET OF STANDARD AIR PER MINUTE
CH	CABINET UNIT HEATER
CLG	CEILING
CONN	CONNECTION
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
DI	DIGITAL INPUT
DB	DRY BULB
DDC	DIRECT DIGITAL CONTROL
DX	DIRECT EXPANSION REFRIGERANT
DIA, Ø	DIAMETER
DM	DAMPER MOTOR
DN	DOWN
DO	DIGITAL OUTPUT
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EAT	ENTERING AIR TEMPERATURE
EDH	ELECTRIC DUCT HEATER
EG	EXHAUST GRILLE
EUH	ELECTRIC UNIT HEATER
EF	EXHAUST FAN
EL/ELEV	ELEVATION
ES	ENTHALPY SENSOR
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
FA	FREE AREA
FC	FORWARD CURVED OR FAN COIL
FD	FIRE DAMPER WITH ACCESS DOOR
FLA	FULL LOAD AMPS
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
FPM	FEET PER MINUTE
FTR	FINNED TUBE RADIATION
GC	GENERAL CONTRACTOR
GD	GRAVITY DAMPER
GPM	GALLONS PER MINUTE
HG	HOT GAS
HP	HORSEPOWER OR HEAT PUMP
HV	HEATING AND VENTILATING UNIT
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
IDEC	INDIRECT EVAPORATIVE COOLING
IDH	INLINE DUCT HEATER
IN. WG	INCHES OF WATER GAGE
KW	KILOWATT (1,000 WATTS)
L1	LOUVER (TYPE 1)
LAT	LEAVING AIR TEMPERATURE
LD1	LINEAR DIFFUSER (TYPE 1)
LF	LINEAR FEET
LR	LINEAR RETURN
LWT	LEAVING WATER TEMPERATURE
MAU	MAKEUP AIR UNIT
MBH	1,000 BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MD	MOTORIZED DAMPER
MTD	MOUNTED
NC	NORMALLY CLOSED, NOISE CRITERIA
NK	NECK
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
ORP	OXYGEN REDUCTION POTENTIAL
P	PUMP
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PF	PROPELLER FAN
PH, Ø	PHASE
PPU	POSITIVE PRESSURIZATION UNIT
PROP	PROPELLER
PRV	PRESSURE REGULATING VALVE
PTAC	PACKAGED TERMINAL AIR CONDITIONING UNIT
PS	PRESSURE SENSOR
PW	POTABLE WATER
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RLA	RATED LINE AMPS
RS	REFRIGERANT SUCTION
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SD	SMOKE DETECTOR
SF	SUPPLY AIR FAN
SG	SUPPLY GRILLE
SHR	SENSIBLE HEAT RATIO
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SS	STAINLESS STEEL
SV	SOLENOID VALVE
TEMP	TEMPERATURE
TF	TRANSFER FAN
TH	TOTAL HEAT
TOD	TOP OF DUCT
TOU	TOP OF UNIT
TOR	TOP OF REGISTER
TSP	TOTAL STATIC PRESSURE
TS	TEMPERATURE SENSOR
TYP	TYPICAL
UH	UNIT HEATER
V	VOLTS
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VEL	VELOCITY
VH	HEATING CONTROL VALVE
VC	COOLING CONTROL VALVE
VFD	VARIABLE FREQUENCY DRIVE
VVT	VARIABLE VOLUME AND VARIABLE TEMPERATURE
WPD	WATER PRESSURE DROP
W/	WITH
WB	WET BULB
WC	WATER COLUMN

GENERAL NOTES

1. THE SYMBOLS AND ABBREVIATIONS LIST ON THIS SHEET IS A COMPREHENSIVE STANDARD GUIDE INTENDED FOR GENERAL USE ON ALL PROJECTS. THEREFORE, NOT ALL THE SYMBOLS AND ABBREVIATIONS CONTAINED IN THIS LIST ARE NECESSARILY USED ON THIS PARTICULAR PROJECT AND SHOULD BE USED FOR CLARIFICATION ONLY.
2. ALL DUCT DIMENSIONS ARE CLEAR DIMENSIONS TO INSIDE OF DUCT. DIMENSIONS TO DUCTS FROM FLOOR OR WALL SHALL BE TO THE OUTSIDE OF DUCT/INSULATION. WHERE INTERNAL INSULATION IS REQUIRED THE DUCT SIZE SHALL BE INCREASED TO GIVE CLEAR INSIDE DIMENSIONS AS NOTED ON THE DRAWINGS.
3. EQUIPMENT SIZES AND LOCATIONS ARE APPROXIMATE. ACTUAL DIMENSIONS TO BE DETERMINED BY EQUIPMENT FURNISHED. COORDINATE HVAC WORK WTIH THE WORK OF ALL OTHER TRADES.
4. FINAL OPENING DIMENSIONS, CONCRETE PAD SIZES, AND LOCATIONS MUST BE COORDINATED DURING CONSTRUCTION WITH APPROVED EQUIPMENT.
5. FINAL SIZES OF FLOOR OPENINGS, DUCT PLENUMS, TRANSITIONS AND PIPING CONNECTIONS TO ALL EQUIPMENT SHALL BE DETERMINED BY EQUIPMENT FURNISHED.
6. THE DRAWINGS ARE SCHEMATIC IN NATURE AND SHOW INTENDED GENERAL LOCATION OF HVAC EQUIPMENT AND SYSTEMS. NOT ALL OFFSETS AND REQUIRED FITTINGS FOR ACTUAL FIELD INSTALLATION ARE INTENDED TO BE SHOWN FOR INSTALLATION OF SYSTEMS IN THE SPACE AVAILABLE IN CONSIDERATION OF WORK OF OTHER TRADES AND FIELD CONDITIONS. CONTRACTOR SHALL PROVIDE ADDITIONAL OFFSETS IN DUCTWORK AND PIPING AS REQUIRED TO AVOID SUCH INTERFERENCES OR FIELD CONDITIONS AT NO ADDITIONAL COST TO THE ORIGINAL CONTRACT AMOUNT.
7. FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED OR WIDTH OF DUCT IN PLAN VIEW.
8. COORDINATE THE REQUIREMENTS FOR HVAC OPENINGS AND SLEEVES IN BUILDING ELEMENTS WITH THE GC.
9. CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 099000 FOR PAINTING REQUIREMENTS UNLESS OTHERWISE NOTED.
10. REFER TO ELECTRICAL DRAWINGS OR SPECIFICATIONS FOR INTERLOCKING WIRING REQUIREMENTS.
11. CONTRACTOR SHALL COORDINATE DUCTWORK INSTALLATION WITH OTHER TRADES.
12. PROVIDE ADEQUATE SUPPORT, PER THE MANUFACTURER'S RECOMMENDATIONS, FOR ALL HVAC EQUIPMENT.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ELECTRICAL RATINGS FROM CERTIFIED DRAWINGS OF EQUIPMENT AND SHALL MAKE ANY BRANCH CIRCUIT DISTRIBUTION MODIFICATION REQUIREMENTS WITHOUT ANY ADDITIONAL COST TO OWNER. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF SUCH CHANGES FOR APPROVAL BY ENGINEER.
14. WHEREVER THE REQUIREMENTS AND REGULATIONS OF STATE, FEDERAL AND LOCAL AUTHORITIES HAVING JURISDICTION DIFFER FROM THE DRAWINGS OR SPECIFICATIONS, THEY SHALL TAKE PRECEDENCE AND SHALL BE MADE PART OF THE CONTRACT (EXCEPT WHERE THE DRAWINGS OR SPECIFICATIONS ARE MORE STRINGENT).
15. THE CONTRACTOR SHALL PROVIDE AND INSTALL FIRE AND SMOKE RATED DAMPERS IN HVAC DUCTS WHICH PENETRATE FIRE RATED BUILDING ASSEMBLIES AS SHOWN ON ARCHITECTURAL DRAWINGS.
16. DUCTWORK AND PLENUM TO LOUVERS SHALL BE CONNECTED TO FRAMED OPENINGS AND, SEALED AIRTIGHT AND WEATHER RESISTANT.
17. THERMOSTATS, SENSORS, AND/OR CONTROL PANEL LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE COORDINATED TO SUIT FIELD CONDITIONS.
18. INSTALL WALL MTD SENSORS, CONTROLS AND THERMOSTATS 5'-0" AFF UNLESS OTHERWISE NOTED. ALIGN WITH OTHER NEARBY ITEMS SUCH AS LIGHT SWITCHES. DO NOT INSTALL CLOSER THAN 6-INCHES FROM EDGE OF DOOR FRAME OR CORNER OF WALL AS SHOWN ON ARCH PLANS. WHERE CONFLICTS MAY OCCUR WITH ITEMS SUCH AS LIGHT SWITCHES, MOUNT THE SENSOR OR CONTROL DEVICE 4'-6" AFF CENTERED ABOVE THE LIGHT SWITCH.
19. PROVIDE ADEQUATE MEANS OF ACCESS CLEARANCE FOR ALL HVAC/MECHANICAL EQUIPMENT AND SYSTEMS THAT REQUIRE ACCESS FOR PROPER OPERATION, MAINTENANCE AND REPAIR PER RECOMMENDED MANUFACTURER CLEARANCES. PROVIDE ACCESS DOORS WHERE NECESSARY IN FINISHED WALLS OR DRYWALL CEILINGS FOR ACCESS TO VALVES, DAMPERS, OR CONTROL DEVICES.
20. COORDINATE THE REQUIREMENTS OF HVAC HANGERS AND SUPPORTS W/ OTHER PRIME CONTRACTORS PROVIDING STRUCTURAL AND/OR ARCHITECTURAL BUILDING ELEMENTS WHICH HVAC SUPPORTS SHALL INTERFACE.
21. HVAC CONTRACTOR SHALL PROVIDE ALL FIRESTOPPING AND PIPE SLEEVES FOR ALL PIPE AND DUCT PENETRATIONS THRU FIRE RATED BUILDING ASSEMBLIES.
22. CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, AND INSPECTIONS.
23. FOR ADDITIONAL REQUIREMENTS REFER TO SPECIFICATIONS.
24. WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS, AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK.
25. THE ENTIRE HVAC SYSTEM SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES:
    A. 2021 INTERNATIONAL MECHANICAL CODE.
    B. 2018 ARKANSAS FUEL GAS CODE.
    C. 2014 ARKANSAS ENERGY CODE.
    D. 2012 ARKANSAS FIRE PREVENTION CODE VOLUME I & II.
26. THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO ENSURE ALL AIR CONDITIONING EQUIPMENT, DUCTWORK, PIPING AND RELATED APPERTUNANCES ARE NOT LOCATED ABOVE ELECTRICAL EQUIPMENT.
27. COORDINATE FIRE RATED WALLS, FLOORS AND CAPS WITH ARCHITECTURAL DRAWINGS.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
LEGEND, NOTES, AND ABBREVIATIONS

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H001

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-HVAC.rvt
7/7/2026 8:56:05 AM

AIR HANDLING UNITS

TAG	LOCATION	MANUFACTURER MAKE	MANUFACTURER MODEL	TYPE	ASSOCIATED EQUIPMENT	AREA SERVED	AIR FLOW (CFM)	MIN. OA (CFM)	E.S.P. (IWC)	HEATING COIL TYPE	HEATING COIL OUTPUT CAPACITY (MBH)	HEATING COIL GAS CONNECT SIZE	HEATING COIL AIRFLOW AT MAX HEATING (CFM)	COOLING CAPACITY TOTAL (MBH)	COOLING CAPACITY SENSIBLE (MBH)	IEER/SEER	WEIGHT (LBS)	POWER VOLT	POWER PH	POWER HZ	POWER MCA	POWER MOCP	NOTES
AHU-3001	FILTER BLDG	CARRER	CVAVA48 & 59MN7C	SPLIT SYS & FURNACE	ACC-3001	FILTER BLDG - 2ND FLOOR	1200	230	0.75	GAS FURNACE	117	1/2	1735	42	31	23 SEER / 96% FURNACE	350	115	1	60	11	20	2,3,7,12
AHU-3002	FILTER BLDG	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15	NOTE 15
AHU-3003	FILTER BLDG	MITSUBISHI	PKA-AL30NL	WALL MOUNT MINI-SPLIT	ACC-3003	FILTER BLDG - ELEC ROOM	775	-	-	HEAT PUMP	7	-	775	30	18.6	19.7 SEER2	46	-	-	-	-	-	2,7,10,11,13
AHU-3005	FILTER BLDG	CARRIER	50GEAS	PACKAGED ROOFTOP	-	FILTER BLDG - CONTROL/ SERVER ROOM	6000	0	0.6	ELECTRIC	23 KW	-	6000	178	136.6	17.3 IEER	2265	460	30	60	53	60	2,7,10,11,14
AHU-3008	FILTER BLDG WEST GALLERY	MITSUBISHI	SVZ-AP36NL	MULTI-POSITION MINI-SPLIT	ACC-3008	FILTER BLDG - WEST GALLERY	900	100	0.5	HEAT PUMP	30	-	1800	36	28	16 SEER	150	208/230	1	60	30	30	3
AHU-6101	BULK CHEMICAL BLDG	BARD	W18HF	PACKAGED WALL MOUNT	-	BCB - ELEC ROOM	600	-	0.5	HEAT PUMP	17	-	600	18	14	11 EER	325	460	3	60	5	20	1,4,5,8,13
AHU-7001	ELECTRICAL BLDG NO. 1	CARRIER	50LE2H07	PACKAGED ROOFTOP	-	ELEC BLDG NO. 1	2600	-	0.6	ELECTRIC	30	-	2600	76	72	16 EER	800	460	3	60	24	25	1,3,4,6,7,13
AHU-7101	ELECTRICAL BLDG NO. 2	BARD	W3VHF	PACKAGED WALL MOUNT	-	ELEC BLDG NO. 2	1050	-	0.5	HEAT PUMP	30	-	1050	36	28	11 EER	630	460	3	60	13	20	1,4,5,8,13
AHU-7102	ELECTRICAL BLDG NO. 2	BARD	W3VHF	PACKAGED WALL MOUNT	-	ELEC BLDG NO. 2	1050	-	0.5	HEAT PUMP	30	-	1050	36	28	11 EER	630	460	3	60	13	20	1,4,5,8,13
AHU-8001	ADMIN BLDG ROOF	TRANE/VALENT	VX-12-5B-C-G2	PACKAGED OUTDOOR AIR HEAT PUMP	-	ADMIN BLDG - LAB AREA	1200	1200	1	HEAT PUMP + INDIRECT GAS	50.8 (HP) 81 (NG)	3/4	1200	62.3	34.3	14.8 SEER2 7.9 HSPF2	1511	460	3	60	13.1	20	1,3,4,6,7,8,9
AHU-8002	ADMIN BLDG ROOF	TRANE/VALENT	VX-12-4B-C-G2	PACKAGED OUTDOOR AIR HEAT PUMP	-	ADMIN BLDG - NON-LAB AREA	1000	1000	1	HEAT PUMP + INDIRECT GAS	37.5 (HP) 81 (NG)	3/4	1000	50.1	27.9	14.8 SEER2 7.4 HSPF2	1475	460	3	60	10.4	15	1,3,4,6,7,8,9
AHU-8003	ADMIN BLDG ROOF	TRANE	VX-300-12.5B-G-G0	PACKAGED HEAT PUMP	-	ADMIN BLDG - BREAK ROOM	3200	800	1	HEAT PUMP + INDIRECT GAS	76.7 (HP) 162 (NG)	3/4	3200	132.6	88.9	17 EER 3.59 COP	2054	460	3	60	29.8	45	1,3,4,6,7,8,9
AHU-8006	ADMIN BLDG ROOF	MITSUBISHI	PLA-AE12NL	CEILING CASSETTE	ACC-8001	ADMIN BLDG - ELEV EQUIP	530	-	-	HEAT PUMP	20	-	530	12	10.8	24.8 SEER2	46	208	1	60	-	-	2,7,10,11,13
AHU-8007	ADMIN BLDG ROOF	MITSUBISHI	PLA-AE24NL	CEILING CASSETTE	ACC-8002	ADMIN BLDG - SERVICE & STOCK	810	-	-	HEAT PUMP	29	-	810	24	19.7	22.6 SEER2	57	208	1	60	-	-	2,7,10,11,13
AHU-8008	ADMIN BLDG ROOF	MITSUBISHI	PLA-AE24NL	CEILING CASSETTE	ACC-8003	ADMIN BLDG - STORAGE/JAN	810	-	-	HEAT PUMP	29	-	810	24	19.7	22.6 SEER2	57	208	1	60	-	-	2,7,10,11,13

NOTES:
1. SEE SPECIFICATION 23 81 24, 23 74 02 FOR ADDITIONAL REQUIREMENTS; CHANGEOUT TO R-454B REFRIGERANT RESULTS IN NOT ALL OPTIONS & ACCESSORIES WILL BE AVAILABLE, OPERATING POINTS +/- 5% WILL BE ACCEPTABLE. PROVIDE W/ REFRIGERANT LEAK DETECTION & SHUTDOWN SENSORS
2. SEE SPECIFICATION 23 81 26 FOR ADDITIONAL REQUIREMENTS; CHANGEOUT TO R-454B REFRIGERANT RESULTS IN NOT ALL OPTIONS & ACCESSORIES WILL BE AVILABLE, OPERATING POINTS +/- 5% WILL BE ACCEPTABLE. PROVIDE W/ REFRIGERANT LEAK DETECTION & SHUTDOWN SENSORS AT AHU
3. SMOKE DETECTOR, UV LIGHT DISINFECTION W/ DOOR SWITCH IN RETURN, HEPA FILTER
4. ALL COILS MANUFACTURER COATED IN EPOXY PHENOLIC, HERESITE OR EQUAL
5. PROVIDE UNIT WITH WALL SLEEVE, MANUFACTURER THERMOSTAT, AND MANUFACTURER SUPPLY & RETURN GRILLES
6. MATCHING ROOF CURB, HAIL GUARD, COIL COATING
7. HIGHEST EFFICIENCY UNITS, WITH DEHUMIDIFICATION
8. PROVIDE WITH ECONOMIZER, MIXING BOX, COMPARATIVE ENTHALPY CONTROLLER & POWER EXHAUST
9. VARIABLE SPEED FAN
10. MINI-SPLIT, BLUE FIN COATING, BUILT IN CONDENSATE PUMP & CONDENSATE OVERFLOW SHUTDOWN, VENTILATION AIR INTAKE OPENING
11. INDOOR UNIT POWERED FROM OUTDOOR UNIT
12. MODULATING FURNACE, HIGH EFFICIENCY, VENT KIT, LOW NOX, BOTTOM RETURN, CONDENSATE NEUTRALIZATION & PUMP
13. LOW AMBIENT OPERATION
14. HYPER-HEATING OPTION
15. REMOVED FROM DESIGN

DESIGN TEMPERATURE CONDITIONS

	COOLING	HEATING
OUTDOOR AMBIENT CONDITIONS	97 F DB/77 F WB	16 F DB/13 F WB
[30] FILTER BLDG - OCCUPIED SPACES	75 F	70 F
[30] FILTER BLDG - MECH	ΔT = 8 F ABOVE AMBIENT	50 F
[30] FILTER BLDG - ELEC ROOM 2ND FLOOR	85 F	50 F
[30] FILTER CONTROL WEST GALLERY - OCCUPIED SPACES	75 F	70 F
[30] FILTER CONTROL WEST GALLERY - PROCESS SPACE, MECH ROOM	ΔT = 8 F ABOVE AMBIENT	50 F
[31] FINISHED WATER CHEM FEED - CHEMICAL & PROCESS SPACES	ΔT = 8 F ABOVE AMBIENT	50 F
[31] FINISHED WATER CHEM FEED - ELEC ROOM	ΔT = 8 F ABOVE AMBIENT	50 F
[32] AIR SCOUR BLOWER BLDG	ΔT = 8 F ABOVE AMBIENT	50 F
[61] BULK CHEMICAL BLDG - ELEC ROOM	85 F	50 F
[61] BULK CHEMICAL BLDG - CHEMICAL STORAGE	ΔT = 8 F ABOVE AMBIENT	50 F
[70] ELECTRICAL BLDG NO. 1	85 F	50 F
[71] ELECTRICAL BLDG NO. 2	85 F	50 F
[80] ADMIN BLDG - LAB SPACES	72 F	72 F
[80] ADMIN BLDG - OCCUPIED SPACES	75 F	70 F
[80] ADMIN BLDG - ELEC ROOM, ELEVATOR MACHINE ROOM	85 F	50 F
[80] ADMIN BLDG - COMP GAS	ΔT = 8 F ABOVE AMBIENT	50 F

FILTERS AND FILTER HOUSINGS

TAG	LOCATION	MANUFACTURER MAKE	MANUFACTURER MODEL	TYPE	AIRFLOW (CFM)	FILTER SIZE WIDTH (IN)	FILTER SIZE HEIGHT (IN)	MAX. FACE VEL. (FPM)	PRESS. DROP MAX ("WG)	MERV RATING	MEDIA DEPTH (IN)	NOTES
F-3101	FINISHED WATER CHEM FEED - ELEC ROOM	SUREFLO	V-BANK 05H-10W	ALUMINUM	600	24	15	175	0.1	8	2	1
F-6101	BULK CHEMICAL BLDG	SUREFLO	V-BANK 10H-10W	ALUMINUM	3600	24	27	500	0.2	8	2	1

NOTES:
1. SEE SPECIFICATION 23 31 13 FOR ADDITIONAL REQUIREMENTS

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER: T. HUDSON
DESIGNED BY: T. MONAHAN
DRAWN BY: B. WILLIAMS
PROJECT ENGINEER: T. MONAHAN
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
SCHEDULES SHEET 1

DATE: JUNE 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: H002

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-HVAC.rvt
7/7/2026 8:56:05 AM

AIR COOLED CONDENSING UNIT

TAG	LOCATION	MANUFACTURER		ASSOCIATED EQUIPMENT	TYPE	DESIGN CAPACITY (MBH)	COMPRESSOR	CONDENSER		EFFICIENCY	AMBIENT TEMP.		WEIGHT (LBS)	POWER					NOTES
		MAKE	MODEL				TYPE	FAN NO.	FAN TYPE		MAX.	MIN.		VOLT	PH	HZ	MCA	MOCP	
ACC-3001	FILTER BLDG	CARRIER	27VNA	AHU-3001	AIR COOLED CONDENSING	48	VARIABLE	1	PROPELLER	24 SEER	95	15	400	208-230	1	60	37	40	1,3,5
ACC-3002	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6	NOTE 6
ACC-3003	FILTER BLDG - 2ND FLOOR ELEC ROOM	MITSUBISHI	PUZ-AH30NL	AHU-3003	AIR COOLED CONDENSING	30	INVERTER	1	PROPELLER	19.7 SEER2	95	15	155	208-230	1	60	22	37	1,2,3,4
ACC-3008	FILTER BLDG WEST GALLERY	MITSUBISHI	SUZ-AK36NLHZ	AHU-3008	AIR COOLED CONDENSING	36	INVERTER	2	PROPELLER	16 SEER	95	15	260	208-230	1	60	26	30	1,3,4
ACC-8001	ADMIN BLDG - ELEV EQUIP	MITSUBISHI	PUZ-AK12NL	AHU-8006	AIR COOLED HEAT PUMP	12	INVERTER	1	PROPELLER	24.8 SEER2	95	15	99	208-230	1	60	16	27	1,2,3,4
ACC-8002	ADMIN BLDG - SERVICE & STOCK	MITSUBISHI	PUZ-AH24NL	AHU-8007	AIR COOLED HEAT PUMP	24	INVERTER	1	PROPELLER	22.6 SEER2	95	15	155	208-230	1	60	22	37	1,2,3,4
ACC-8003	ADMIN BLDG - STORAGE	MITSUBISHI	PUZ-AH24NL	AHU-8008	AIR COOLED HEAT PUMP	24	INVERTER	1	PROPELLER	22.6 SEER2	95	15	155	208-230	1	60	22	37	1,2,3,4

NOTES:
1. SEE SPECIFICATION 23 81 26 FOR ADDITIONAL REQUIREMENTS
2. INDOOR UNIT POWERED FROM OUTDOOR UNIT
3. HIGH EFFICIENCY UNIT
4. LOW AMBIENT OPERATION, HYPER HEAT, COIL COATING, PAN HEATER
5. HAIL GUARD, COIL COATING
6. REMOVED FROM DESIGN

ENERGY RECOVERY VENTILATOR

TAG	LOCATION	MANUFACTURER		ASSOCIATED EQUIPMENT	DESIGN CONDITIONS		EXHAUST AIR (CFM)	OUTDOOR AIR (CFM)	SUMMER				WINTER				SUPPLY FAN MOTOR (HP)	SUPPLY FAN ESP (IN WC)	EXHAUST FAN MOTOR (HP)	EXHAUST FAN ESP (IN WC)	WEIGHT (LBS)	POWER					NOTES
		MAKE	MODEL		SUMMER (DB/WB)	WINTER (DB/WB)			RETURN AIR (DB/WB)	SUPPLY AIR (DB/WB)	EXHAUST AIR (DB/WB)	ENERGY RECOVERY RATIO	RETURN AIR (DB/WB)	SUPPLY AIR (DB/WB)	EXHAUST AIR (DB/WB)	ENERGY RECOVERY RATIO						VOLT	PH	HZ	MCA	MOCP	
ERV-8001	ADMIN BLDG ROOF	RENEWAIRE	HE20	AHU-8001	95.4 / 76.6	17.6 / 14.3	1490	1290	74.0 / 61.7	78.8 / 68.7	-	56.8%	70.0 / 51.4	58.1 / 43.6	-	73.9%	3	0.75	3	0.75	502	460	3	60	6.5	15	1 THRU 16
ERV-8002	ADMIN BLDG ROOF	RENEWAIRE	HE15	AHU-8002	95.4 / 76.6	17.5 / 14.3	1000	1000	74.0 / 61.7	80.1 / 69.6	-	51.1%	70.0 / 51.4	55.1 / 41.8	-	68.5%	3	0.75	3	0.75	425	460	3	60	6.5	15	1 THRU 16

NOTES:
1. REFER TO SPECIFICATION 23 FOR ADDITIONAL REQUIREMENTS
2. ELECTRONICALLY COMMUTATED MOTORS
3. 2" MERV 8 OUTDOOR AIR FILTERS
4. STATIC PLATE AIR-TO-AIR HEAT EXCHANGER
5. ERV SHALL BE AHRI 1060 CERTIFIED FOR PERFORMANCE AND FOR 0% EATR (EXHAUST AIR TRANSFER RATIO) AT BALANCED AIRFLOW
6. DUE TO RISK OF MICROBIAL GROWTH ERV SHALL CONTAIN NO PAPER
7. UNITS MUST BE ABLE TO OPERATE AND MAINTAINED WITHOUT A DRAIN PAN
8. ERV SHALL HAVE NO MOVING PARTS FOR THE HEAT EXCHANGER OPERATION
9. ERV SHALL HAVE 2" MERV 8 PLEATED MEDIA FILTERS IN OA AND EA AIRSTREAMS (1 SET)
10. AIRFLOW THROUGH ENERGY EXCHANGE ELEMENT SHALL BE LAMINAR VIA STRAIGHT SMOOTH AIR PATHS TO AVOID DEPOSITION OF PARTICULATE ON INTERIOR ENERGY EXCHANGE PLATE MATERIALS
11. ERV SHALL BE TESTED TO AND CAPABLE OF WITHSTANDING 10" OF PRESSURE DIFFERENTIAL BETWEEN AIRSTREAMS
12. UNIT SHALL MEET UL STANDARD 1812 FOR DUCTED AIR TO AIR HEAT EXCHANGERS. UNIT MUST ALSO MEET NFPA90A AND NFPA 90B FOR UL-723.
13. OA AND EA AIR PRESSURE DROPS MUST INCLUDE HEAT EXCHANGER, PLENUM, ANY BAFFLES, AND CLEAN FILTERS
14. MAINTENANCE SHALL BE PERFORMED WITHOUT REMOVING CORE FROM UNIT. IF CORE REMOVAL IS REQUIRED, THEN UNIT SHALL COME WITH A 10-YEAR SERVICE CONTRACT
15. PROVIDE UNIT WITH A FACTORY CONTROLS PACKAGE INCLUDING BUT NOT LIMITED TO A BACNET INTERFACE, SUPPLY AND RETURN AIRFLOW MONITORS, FILTER MONITORS, SUPPLY AND RETURN DAMPERS, SUPPLY AND RETURN AIR TEMPERATURE SENSORS
16. HEAT EXCHANGER CORE SHALL HAVE A 10 YEAR PERFORMANCE AND STRUCTURAL WARRANTY WITH A 2 YEAR FULL UNIT WARRANTY

FIRE DAMPERS

TAG	AREA SERVED	MANUFACTURER		BLADE TYPE	MATERIAL	SIZE (IN)			ACTUATION TYPE (ELECT./ PNEUMATIC)	AIRFLOW (CFM)	NOTES
		MAKE	MODEL			W	H	D			
FD-3101	ZOP FEED ROOM	RUSKIN	DIBD23	DYNAMIC CURTAIN	301 SST	24	24	4	FUSIBLE LINK	2000	1,2,3
FD-3102	FLUORIDE FEED ROOM	RUSKIN	DIBD23	DYNAMIC CURTAIN	301 SST	24	24	4	FUSIBLE LINK	2000	1,2,3
FD-8001	ADMIN BLDG - ELEVATOR EQUIP	RUSKIN	DIBD2	DYNAMIC CURTAIN	GALV STEEL	10	10	4	FUSIBLE LINK	100	1,2,3
FD-8002	ADMIN BLDG - ELEVATOR EQUIP	RUSKIN	DIBD2	DYNAMIC CURTAIN	GALV STEEL	10	10	4	FUSIBLE LINK	50	1,2,3
FD-8003	ADMIN BLDG - ELEVATOR EQUIP	RUSKIN	DIBD2	DYNAMIC CURTAIN	GALV STEEL	12	12	4	FUSIBLE LINK	150	1,2,3

NOTES:
1. SEE SPECIFICATION 23 31 13 FOR ADDITIONAL REQUIREMENTS
2. HORIZONTAL INSTALLATION
3. STYLE B, BLADES OUT OF AIRSTREAM

FANS

TAG	LOCATION	MANUFACTURER		AIRFLOW (CFM)	E.S.P. ("WG)	FAN		MAX. SPEED (RPM)	MOTOR				POWER			WEIGHT (LBS)	NOTES
		MAKE	MODEL			TYPE	DRIVE		BHP	HP	VFD	TYPE	VOLT	PH	HZ		
EF-3001	FILTER BLDG - MEN	GREENHECK	SQ-90	250	0.3	INLINE	DIRECT	1300	0.04	1/25	NO	ODP	115	1	60	35	1
EF-3002	FILTER BLDG - 2ND FLOOR	GREENHECK	AER-36	7000	0.375	WALL PROPELLER	DIRECT	1160	0.06	1 1/2	NO	TEFC	480	3	60	132	1
EF-3003	FILTER BLDG - 3RD FLOOR	GREENHECK	GB-300	9000	0.375	ROOF DOWNBLAST	BELT	640	2.2	3	NO	TEFC	480	3	60	250	1,2
EF-3004	FILTER BLDG - 3RD FLOOR	GREENHECK	SE1-8	150	0.15	WALL PROPELLER	DIRECT	1160	0.03	0.08	NO	ODP	115	1	60	75	1,2
EF-3005	FINISHED WATER CHEM FEED - ELEC ROOM	GREENHECK	CUE-090-D	500	0.5	WALL EXHAUSTER	DIRECT	1550	0.1	0.125	NO	ODP	115	1	60	35	1,2
EF-3006	FINISHED WATER CHEM FEED - HYPO	HARTZELL	A88	350	0.6	FRP WALL EXHAUSTER	BELT	1200	0.11	0.25	NO	TEFC	115	1	60	60	1
EF-3007	FINISHED WATER CHEM FEED - FLUORIDE	HARTZELL	A88	700	0.6	FRP WALL EXHAUSTER	BELT	1550	0.21	0.25	NO	TEFC	115	1	60	60	1
EF-3008	FILTER BLDG - STORAGE	GREENHECK	CUE-160-C	1570	0.375	ROOF EXHAUST	DIRECT	860	0.24	0.25	NO	TEFC	115	1	60	100	1,2
EF-3201	AIR SCOUR BLOWER BLDG	GREENHECK	AER-36	7500	0.7	WALL PROPELLER	DIRECT	1750	1.9	2	NO	TEFC	208/230	3	60	150	1,2
EF-6101	BULK CHEM BLDG	GREENHECK	CUBE-200	3600	0.5	WALL EXHAUSTER	BELT	820	0.7	1	NO	TEFC	480	3	60	115	1
EF-6102	BULK CHEM BLDG	GREENHECK	CUBE-200	3600	0.5	WALL EXHAUSTER	BELT	820	0.7	1	NO	TEFC	480	3	60	115	1
EF-8004	ADMIN BLDG ROOF - FUME HOOD	TBD	TBD	960	1.25	TBD	BELT	1750	TBD	3/4	NO	TBD	115	1	60	TBD	1,2,4
EF-8005	ADMIN BLDG ROOF - ICPMS	TBD	TBD	300	2	TBD	BELT	1750	TBD	1/3	NO	TBD	115	1	60	TBD	1,2,4
SF-6101	BULK CHEM BLDG	GREENHECK	SQ-160	3600	1.5	INLINE	DIRECT	1725	1.92	2	NO	TEFC	480	3	60	160	1
SF-8002	ADMIN BLDG - FUME HOOD	GREENHECK	BSQ-90	675	1	INLINE	BELT	1800	0.39	0.5	NO	TEFC	480	3	60	90	1,4
RF-3001	FILTER BLDG WEST GALLERY	BIG ASS FAN	I6 INDOOR	-	-	RECIRCULATION	DIRECT	140	42 W	-	NO	TEFC	115	1	60	35	1,3
RF-3002	FILTER BLDG WEST GALLERY	BIG ASS FAN	I6 INDOOR	-	-	RECIRCULATION	DIRECT	140	42 W	-	NO	TEFC	115	1	60	35	1,3
RF-3003	FILTER BLDG WEST GALLERY	BIG ASS FAN	I6 INDOOR	-	-	RECIRCULATION	DIRECT	140	42 W	-	NO	TEFC	115	1	60	35	1,3

NOTES:
1. SEE SPECIFICATIONS 23 34 00 FOR ADDITIONAL REQUIREMENTS
2. CONTRACTOR SHALL FIELD VERIFY EXISTING ROOF/WALL OPENING AND COORDINATE WITH CURB SIZING OR PROVIDE TRANSITION ROOF CURB
3. 6 DOWN TUBE, UNIVERSAL MOUNTING, ALUMINUM CONSTRUCTION, REMOTE CONTROLLER, 6 DIAMETER
4. FAN AND ASSOCIATED DUCTWORK AND ACCESSORIES ARE SUBJECT TO LAB EQUIPMENT SELECTION; CRITERIA FROM RECORD DRAWINGS TEMPORARILY SHOWN AS PLACEHOLDERS

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER: T. HUDSON
DESIGNED BY: T. MONAHAN
DRAWN BY: B. WILLIAMS
PROJECT ENGINEER: T. MONAHAN
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
SCHEDULES SHEET 2

DATE: JUNE 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: H003

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWCH-HVAC.rvt
7/7/2026 8:56:05 AM

CONTROL DAMPERS

TAG	AREA SERVED	MANUFACTURER MAKE	MANUFACTURER MODEL	BLADE TYPE	FAIL POSITION	MATERIAL	SIZE (IN) W	SIZE (IN) H	SIZE (IN) D	ACTUATION TYPE (ELECT./ PNEUMATIC)	AIRFLOW (CFM)	PRESSURE DROP MAX. ("WG)	POWER VOLT	POWER PH	POWER HZ	NOTES
D-3001	FILTER BLDG - 2ND FLOOR	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	58	58	4	GRAVITY	7000	0.1	-	-	-	1,2,3
D-3002	FILTER BLDG - MEN'S LOCKER	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	18	12	4	GRAVITY	400	0.1	-	-	-	1,2,3
D-3003	FILTER BLDG - MECH ROOM	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	48	48	4	GRAVITY	625	0.05	-	-	-	1,3
D-3004	FILTER BLDG - 3RD FLOOR	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	80	40	4	GRAVITY	7000	0.1	-	-	-	1,2,3
D-3005	FILTER BLDG - 3RD FLOOR	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	80	40	4	GRAVITY	7000	0.1	-	-	-	1,2,3
D-3006	FILTER BLDG WEST GALLERY	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	40	36	4	GRAVITY	100	0.1	-	-	-	1,2,3
D-3007	FILTER BLDG - 2ND FLOOR	GREENHECK	VCD-23	3V	CLOSED	ALUMINUM	80	40	5	ELEC ACTUATOR	7000	0.1	115	1	60	1,2,3
D-3008	FINISHED WATER CHEM FEED - STORAGE	GREENHECK	VCD-23	3V	CLOSED	ALUMINUM	-	-	4	ELEC ACTUATOR	1570	0.1	115	1	60	1,2,3
D-3101	FINISHED WATER CHEM FEED - ELEC ROOM	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	24	16	4	GRAVITY	500	0.1	-	-	-	1,2,3
D-3102	FINISHED WATER CHEM FEED - CHEM FEED	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	40	40	4	GRAVITY	1050	0.1	-	-	-	1,2,3
D-3103	FINISHED WATER CHEM FEED - ZOP	GREENHECK	SEVCD-23 SERIES	AIRFOIL	CLOSED	316 SST	24	24	4	ELEC ACTUATOR	350	0.1	115	1	60	1,3
D-3104	FINISHED WATER CHEM FEED - FLUORIDE	GREENHECK	SEVCD-23 SERIES	AIRFOIL	CLOSED	316 SST	24	24	4	ELEC ACTUATOR	700	0.1	115	1	60	1,3
D-3201	AIR SCOUR BLOWER BLDG	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	48	54	4	GRAVITY	7500	0.1	-	-	-	1,2,3
D-6101	BULK CHEMICAL BLDG	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	48	48	4	GRAVITY	3600	0.1	-	-	-	1,3,4
D-6102	BULK CHEMICAL BLDG	GREENHECK	EM-30 SERIES	GRAVITY	CLOSED	ALUMINUM	48	48	4	GRAVITY	3600	0.1	-	-	-	1,3,4

NOTES:
1. SEE SPECIFICATION 23 34 00 FOR ADDITIONAL REQUIREMENTS
2. FIELD VERIFY EXISTING OPENING DIMENSIONS
3. BLADE SEALS, EDGE SEALS, JAMB SEALS
4. PROVIDE MANUFACTURER EPOXY COATINGS, HI-PRO POLYESTER OR EQUAL

GAS FIRED UNIT HEATERS

TAG	LOCATION	MANUFACTURER MAKE	MANUFACTURER MODEL	THERMAL EFFICIENCY (%)	GAS FIRED HEATING OUTPUT CAPACITY (MBH)	GAS FIRED HEATING TYPE	GAS FIRED HEATING CONSUMPTION (SCFH)	GAS FIRED HEATING CONNECTION SIZE (IN)	TYPE	AIRFLOW (CFM)	DIMENSIONS WIDTH (IN)	DIMENSIONS HEIGHT (IN)	DIMENSIONS DEPTH (IN)	WEIGHT (LBS)	POWER VOLT	POWER PH	POWER HZ	NOTES
GUH-3001	FILTER BLDG - WEST GALLERY	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2
GUH-3002	FILTER BLDG - WEST GALLERY	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2
GUH-3003	FILTER BLDG - WEST GALLERY	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2
GUH-3004	FILTER BLDG - WEST GALLERY	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2
GUH-3005	FILTER BLDG - WEST GALLERY	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2
GUH-3006	FILTER BLDG - WEST GALLERY	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2
GUH-3007	FILTER BLDG - WEST GALLERY	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2
GUH-3008	FILTER BLDG - WEST GALLERY	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2
GUH-3009	FILTER BLDG - 3RD FLOOR	TRANE	GN	83%	120	INDIRECT FIRED	150	1/2	INDIRECT FIRED	2400	20	34	32	157	115	1	60	1,2
GUH-3010	FILTER BLDG - 3RD FLOOR	TRANE	GN	83%	120	INDIRECT FIRED	150	1/2	INDIRECT FIRED	2400	20	34	32	157	115	1	60	1,2
GUH-3011	FILTER BLDG - 2ND FLOOR	TRANE	GT	83%	24.9	INDIRECT FIRED	30	1/2	INDIRECT FIRED	370	30	14	26	60	115	1	60	1,2
GUH-3012	FILTER BLDG - 2ND FLOOR	TRANE	GT	83%	24.9	INDIRECT FIRED	30	1/2	INDIRECT FIRED	370	30	14	26	60	115	1	60	1,2
GUH-3013	FILTER BLDG - 2ND FLOOR	TRANE	GT	83%	24.9	INDIRECT FIRED	30	1/2	INDIRECT FIRED	370	30	14	26	60	115	1	60	1,2
GUH-3014	FILTER BLDG - STORAGE	TRANE	GT	83%	49.8	INDIRECT FIRED	60	1/2	INDIRECT FIRED	2400	30	18	26	80	115	1	60	1,2

NOTES:
1. SEE SPECIFICATION 23 55 33.16 FOR ADDITIONAL REQUIREMENTS
2. CONCENTRIC VENT KIT AND CAP

TEMPERATURE SWITCH, SENSOR, AND THERMOSTAT

TAG	AREA SERVED	MANUFACTURER MAKE	MANUFACTURER MODEL	EQUIPMENT CONTROLLED	TYPE	SETPOINT	POWER VOLT	POWER PH	POWER HZ	NOTES
T-3001	FILTER BLDG - 2ND FLOOR	CARRIER	-	AHU-3001	THERMOSTAT	75 F / 70 F	24	VDC	-	1,3
T-3002	FILTER BLDG - 2ND FLOOR	CARRIER	-	AHU-3002	THERMOSTAT	75 F / 70 F	24	VDC	-	1,3
T-3003	FILTER BLDG - 2ND FLOOR ELEC ROOM	MITSUBISHI	-	AHU-3003	THERMOSTAT	85 F / 50 F	24	VDC	-	1,3
T-3005	FILTER BLDG - SCADA/SERVER	CARRIER	-	AHU-3005	THERMOSTAT	85 F / 50 F	24	VDC	-	1,3
T-3007	FILTER BLDG - STORAGE	PECO	115	EF-3008	THERMOSTAT	80 F	115	VAC	60	1,2
T-3008	FILTER BLDG WEST GALLERY	MITSUBISHI	-	AHU-3008	THERMOSTAT	75 F / 70 F	24	VDC	-	1,3
T-3009	FILTER BLDG WEST GALLERY	MITSUBISHI	-	AHU-3008	THERMOSTAT	75 F / 70 F	24	VDC	-	1,3
T-3010	FINISHED WATER CHEM FEED - ELEC ROOM	PECO	115	EF-3005	THERMOSTAT	80 F	115	VAC	60	1,2
T-3011	FILTER BLDG - 3RD FLOOR	PECO	115	EF-3003	THERMOSTAT	80 F	115	VAC	60	1,2
T-3012	FILTER BLDG - 3RD FLOOR	PECO	115	EF-3004	THERMOSTAT	80 F	115	1	60	1,2
T-3201	AIR SCOUR BLDG	PECO	115	EF-3201	THERMOSTAT	70 F	115	1	60	1,2
T-3202	AIR SCOUR BLDG	PECO	115-023	EUH-3201	THERMOSTAT	35 F	24	-	60	1,2
T-6101	BULK CHEMICAL BLDG	BARD	-	AHU-6101	THERMOSTAT	85 F / 50 F	115	1	60	1,3
T-6102	BULK CHEMICAL BLDG	PECO	115	EF-6102	THERMOSTAT	70 F	115	1	60	1,2
T-6103	BULK CHEMICAL BLDG	BELIMO	01DT	EDH-6101	THERMOSTAT	50 F	24	AC/DC	60	1,2
T-7001	ELECTRICAL BLDG NO. 1	CARRIER	ZS PRO	AHU-7001	THERMOSTAT	85 F / 50 F	24	VDC	-	1,3
T-7101	ELECTRICAL BLDG NO. 2	BARD	MC4002-BC	AHU-7101 & AHU-7102	LEAD/LAG CONTROLLER	85 F / 50 F	115	1	60	1,3
T-8001	ADMIN BLDG - ORGANIC LAB	CARRIER	ZS PRO	AHU-8001 & BMS	THERMOSTAT	72 F / 72 F	24	VDC	-	1,3,4
T-8002	ADMIN BLDG - CHEMIST	CARRIER	ZS PRO	AHU-8002 & BMS	THERMOSTAT	75 F / 70 F	24	VDC	-	1,3,4
T-8003	ADMIN BLDG - PREP LAB	CARRIER	ZS PRO	AHU-8003 & BMS	THERMOSTAT	72 F / 72 F	24	VDC	-	1,3,4
T-8004	ADMIN BLDG - WAITING	CARRIER	ZS PRO	AHU-8004 & BMS	THERMOSTAT	75 F / 70 F	24	VDC	-	1,3,4
T-8005	ADMIN BLDG - CONFERENCE	CARRIER	ZS PRO	AHU-8005, BMS, VAV-8001	VAV CONTROL & THERMOSTAT	75 F / 70 F	24	VDC	-	1,3,4,5
T-8006	ADMIN BLDG - MEN'S	CARRIER	ZS PRO	AHU-8005, BMS, VAV-8002	VAV CONTROL & THERMOSTAT	75 F / 70 F	24	VDC	-	1,3,4
T-8007	ADMIN BLDG - OFFICE & HALL	CARRIER	ZS PRO	AHU-8005, BMS, VAV-8003	VAV CONTROL & THERMOSTAT	75 F / 70 F	24	VDC	-	1,3,4
T-8008	ADMIN BLDG - OFFICE & CUBICLE	CARRIER	ZS PRO	AHU-8005, BMS, VAV-8004	VAV CONTROL & THERMOSTAT	75 F / 70 F	24	VDC	-	1,3,4
T-8009	ADMIN BLDG - CUBICLES	CARRIER	ZS PRO	AHU-8005, BMS, VAV-8005	VAV CONTROL & THERMOSTAT	75 F / 70 F	24	VDC	-	1,3,4
T-8010	ADMIN BLDG - OFFICE & MOTHER	CARRIER	ZS PRO	AHU-8005, BMS, VAV-8006	VAV CONTROL & THERMOSTAT	75 F / 70 F	24	VDC	-	1,3,4
T-8012	ADMIN BLDG - ORGANIC LAB	BELIMO	01DT	EDH-8002	TEMPERATURE SWITCH	55 F	24	AC/DC	60	1,2
T-8013	ADMIN BLDG - INORGANIC LAB	BELIMO	01DT	EDH-8003	TEMPERATURE SWITCH	55 F	24	AC/DC	60	1,2
T-8014	ADMIN BLDG - ENTRY VESTIBULE	POWERED AIRE	-	EAC-8001	THERMOSTAT & CONTROLLER	-	115	1	60	1,3

NOTES:
1. SEE SPECIFICATION 23 09 00 FOR ADDITIONAL REQUIREMENTS
2. NEMA 4X RATED
3. MANUFACTURER FURNISHED, MATCHING EQUIPMENT
4. OCCUPANCY MONITORING
5. CO2 SENSOR

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER: T. HUDSON
DESIGNED BY: T. MONAHAN
DRAWN BY: B. WILLIAMS
PROJECT ENGINEER: T. MONAHAN
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
SCHEDULES SHEET 3

DATE: JUNE 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: H004

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-HVAC.rvt
7/7/2026 8:56:05 AM

ELECTRIC HEATERS

TAG	LOCATION	MANUFACTURER		TYPE	CAPACITY (KW)	AIRFLOW (CFM)	DIMENSIONS			WEIGHT (LBS)	POWER			NOTES
		MAKE	MODEL				WIDTH (IN)	HEIGHT (IN)	DEPTH (IN)		VOLT	PH	HZ	
EUH-3001	FILTER BLDG - STAIR	QMARK	MUH	INDUSTRIAL	3	350	16	14	8	30	480	3	60	1
EUH-3002	FILTER BLDG - MEN'S LOCKER	QMARK	AWH	WALL HEATER	1.5	-	20	16	8	25	115	1	60	1
EUH-3003	FILTER BLDG - 2ND FLOOR CORRIDOR	QMARK	MUH	INDUSTRIAL	3	350	16	14	8	30	480	3	60	1
EUH-3004	FILTER BLDG - WOMEN'S BATH	QMARK	AWH	WALL HEATER	1.5	-	20	16	8	25	115	1	60	1
EUH-3002	FILTER BLDG - WOMENS	QMARK	AWH	WALL HEATER	1.5	-	20	16	8	25	115	1	60	1
EUH-3101	FINISHED WATER CHEM FEED - CHEM FEED	QMARK	QWD	WASHDOWN	7.5	700	13	20	18	60	480	3	60	1
EUH-3102	FINISHED WATER CHEM FEED - FLUORIDE	QMARK	QWD	WASHDOWN	5	700	13	20	18	60	480	3	60	1
EUH-3103	FINISHED WATER CHEM FEED - ZOP	QMARK	QWD	WASHDOWN	3	700	13	20	18	60	480	3	60	1
EUH-3201	AIR SCOUR BLOWER BLDG	QMARK	QWD	WASHDOWN	10	700	13	20	18	60	208	3	60	1,2,3
EUH-6101	BULK CHEM BLDG	QMARK	QWD	WASHDOWN	5	700	13	20	18	60	480	3	60	1
EUH-6102	BULK CHEM BLDG	QMARK	QWD	WASHDOWN	5	700	13	20	18	60	480	3	60	1
EUH-6103	BULK CHEM BLDG	QMARK	QWD	WASHDOWN	5	700	13	20	18	60	480	3	60	1
EUH-6104	BULK CHEM BLDG	QMARK	QWD	WASHDOWN	5	700	13	20	18	60	480	3	60	1
EUH-6105	BULK CHEM BLDG	QMARK	QWD	WASHDOWN	5	700	13	20	18	60	480	3	60	1
EUH-8001	ADMIN BLDG - STAIR	QMARK	MUH	INDUSTRIAL	3	350	16	14	8	30	480	3	60	1
EUH-8002	ADMIN BLDG - STORAGE	QMARK	MUH	INDUSTRIAL	3	350	16	14	8	30	480	3	60	1
EAC-8001	ADMIN BLDG - VESTIBULE	POWERED AIRE	ETA-E	AIR CURTAIN	10	1500	42	12	10	120	480	3	60	1

NOTES:
1. SEE SPECIFICATION 23 82 16.14 FOR ADDITIONAL REQUIREMENTS
2. REPLACE IN KIND. CONTRACTOR TO CONFIRM EXISTING EQUIPMENT SIZE.
3. REMOTE THERMOSTAT

ELECTRIC DUCT HEATERS

TAG	LOCATION	MANUFACTURER		TYPE	CAPACITY (KW)	MAX PRESSURE DROP (IWC)	AIRFLOW (CFM)	DIMENSIONS			WEIGHT (LBS)	POWER			NOTES
		MAKE	MODEL					WIDTH (IN)	HEIGHT (IN)	DEPTH (IN)		VOLT	PH	HZ	
EDH-6101	BULK CHEMICAL BLDG	GREENHECK	IDHE	80/20 NI/CR	75	0.15	3600	24	24	12	150	480	3	60	1,3
EDH-8002	ADMIN BLDG - ORGANIC LAB	GREENHECK	IDHE	80/20 NI/CR	10	0.1	675	12	12	8	60	480	3	60	1,2
EDH-8003	ADMIN BLDG - INORGANIC LAB	GREENHECK	IDHE	80/20 NI/CR	10	0.1	675	12	12	8	60	480	3	60	1,2

NOTES:
1. SEE SPECIFICATION 23 82 16.14 FOR ADDITIONAL REQUIREMENTS
2. TWO STAGE HEATER, AIR PROVING SWITCH, MANUFACTURER DUCT TEMPERATURE SWITCH
3. THREE STAGE HEATER, AIR PROVING SWITCH, MANUFACTURER DUCT TEMPERATURE SWITCH

AIR INTAKE & RELIEF

TAG	AREA SERVED	MANUFACTURER		INTAKE/ EXHAUST	MATERIAL	AIRFLOW (CFM)	THROAT SIZE (IN X IN)	FREE AREA VEL. (FPM)	STATIC P. D. ("WG)	ASSOCIATED EQUIPMENT	NOTES
		MAKE	MODEL								
AI-8001	ADMIN BLDG - LAB HOODS	GREENHECK	WIH - 26X26	FILTERED INTAKE	ALUMINUM	1350	26 X 26	450	0.05	SF-800-2,3	1,2

NOTES:
1. SEE SPECIFICATION 23 31 13 FOR ADDITIONAL REQUIREMENTS
2. MATCH AIR INTAKE HOOD SIZE TO EXISTING ROOF OPENING.

LOUVERS

TAG	AREA SERVED	MANUFACTURER		TYPE	MATERIAL	AIRFLOW (CFM)	SIZE			FREE AREA (SQFT)	MAX FACE VEL. (FPM)	STATIC P.D. ("WG)	NOTES
		MAKE	MODEL				WIDTH (IN)	HEIGHT (IN)	DEPTH (IN)				
L-3003	FILTER BLDG - MECH ROOM	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	625	48	48	6	9	69	0.05	1,2,3,6
L-3004	FILTER BLDG - 2ND FLOOR CORRIDOOR	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	7000	58	58	6	13.56	516	0.04	1,2,3,4
L-3005	FILTER BLDG - 3RD FLOOR	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	7000	80	40	6	13	538	0.05	1,2,3,4
L-3006	FILTER BLDG - 3RD FLOOR	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	7000	80	40	6	13	538	0.05	1,2,3,4
L-3007	FILTER BLDG - WEST GALLERY	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	100	36	12	6	5.5	18	0.05	1,2,3,4,6
L-3008	FILTER BLDG - 3RD FLOOR	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	-	80	40	6	13	-	-	1,3,4,6
L-3101	FINISHED WATER CHEM FEED - ELEC ROOM	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	500	24	16	6	1.25	400	0.05	1,2,3,4
L-3102	FINISHED WATER CHEM FEED - CHEM FEED	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	1050	40	40	6	6.5	162	0.05	1,2,3,4
L-3103	FINISHED WATER CHEM FEED - ZOP	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	350	24	24	6	2	175	0.05	1,3
L-3104	FINISHED WATER CHEM FEED - FLUORIDE	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	700	24	24	6	2	350	0.05	1,3
L-6101	BULK CHECMICAL BLDG	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	3600	48	48	6	9	400	0.05	1,2,3
L-6102	BULK CHECMICAL BLDG	RUSKIN	ELF6375DXH	STATIONARY	ALUMINUM	3600	48	48	6	9	400	0.05	1,2,3

NOTES:
1. SEE SPECIFICATION 23 34 00 FOR ADDITIONAL REQUIREMENTS
2. LOUVER SHALL BE PROVIDED WITH ALUMINUM BIRD SCREEN
3. 70% PVFD COATING COLOR SHALL BE COORDINATED WITH OWNER
4. FIELD VERIFY EXISTING OPENING DIMENSIONS
5. LOUVERS LOCATED IN EXTERIOR STAIRWELLS. NUMBER AND SIZE OF LOUVERS PER ARCH ELEVATIONS
6. BLANK OFF AND INSULATE UNUSED SECTIONS OF LOUVER

AIR DEVICES - DIFFUSERS, REGISTERS, AND GRILLES

TAG	AREA SERVED	MANUFACTURER		AIRFLOW RANGE (CFM)	FACE SIZE		MAX PRESS. DROP ("WG)	TYPE	MATERIAL	MOUNTING SURFACE	NOTES
		MAKE	MODEL		W (IN)	H (IN)					
SG-3001	FILTER BLDG	PRICE	SPD	50-400	24	24	0.05	CEILING DIFFUSER	ALUMINUM	LAY-IN	1,3
SG-6101	BULK CHEMICAL BLDG	BARD	-	-	-	-	0.05	DOUBLE DEFLECTION	ALUMINUM	SURFACE	1,2
SG-6102	BULK CHEMICAL BLDG	PRICE	720	450	12	10	0.1	DOUBLE DEFLECTION	316 SST	DUCT	1,2
SG-6103	FILTER BLDG	PRICE	620	750	18	12	0.1	DOUBLE DEFLECTION	ALUMINUM	DUCT	1,2
SG-7001	ELEC BLDG NO. 1	PRICE	620	325	12	8	0.1	DOUBLE DEFLECTION	ALUMINUM	DUCT	1,2
SG-7101	ELEC BLDG NO. 2	BARD	-	-	28	8	0.05	DOUBLE DEFLECTION	ALUMINUM	SURFACE	1,2
SG-8001	ADMIN BLDG	PRICE	SPD	100-500	24	24	0.05	CEILING DIFFUSER	ALUMINUM	LAY-IN	1,3,4
SG-8002	ADMIN BLDG	PRICE	SDS	400	48	10	0.05	LINEAR SLOT DIFFUSER	ALUMINUM	SURFACE	1,3,4
SG-8003	ADMIN BLDG	PRICE	SPD	100-500	24	24	0.05	CEILING DIFFUSER	ALUMINUM	SURFACE	1,3,4
SG-8004	ADMIN BLDG	PRICE	SDS	20-40	24	4	0.05	LINEAR SLOT DIFFUSER	ALUMINUM	LAY-IN	1,3,4
SG-8005	ADMIN BLDG	PRICE	SDS	20-40	24	4	0.05	LINEAR SLOT DIFFUSER	ALUMINUM	SURFACE	1,3,4
SG-8006	ADMIN BLDG	PRICE	SDS	50-90	24	6	0.05	LINEAR SLOT DIFFUSER	ALUMINUM	LAY-IN	1,3,4
SG-8007	ADMIN BLDG	PRICE	SDS	50-90	24	6	0.05	LINEAR SLOT DIFFUSER	ALUMINUM	SURFACE	1,3,4
SG-8008	ADMIN BLDG	PRICE	620	400-800	16	12	0.1	DOUBLE DEFLECTION	ALUMINUM	SURFACE	1,2,4
RG-3001	FILTER BLDG	PRICE	PDR	-	24	24	0.05	CEILING RETURN	ALUMINUM	LAY-IN	1,3
RG-6101	BULK CHEMICAL BLDG	BARD	-	-	-	-	0.05	RETURN	ALUMINUM	SURFACE	1
RG-7101	ELEC BLDG 2	BARD	-	-	-	-	0.05	RETURN	ALUMINUM	SURFACE	1
RG-8001	ADMIN BLDG	PRICE	PDR	-	24	24	0.05	CEILING RETURN	ALUMINUM	LAY-IN	1,3,4
RG-8002	ADMIN BLDG	PRICE	PDR	-	24	24	0.05	CEILING RETURN	ALUMINUM	SURFACE	1,3,4
RG-8003	ADMIN BLDG	PRICE	PDR	-	48	12	0.05	CEILING RETURN	ALUMINUM	SURFACE	1,3,4
RG-8004	ADMIN BLDG	PRICE	610Z	100-150	6	6	0.05	CEILING RETURN	ALUMINUM	SURFACE	1,3,4
TG-8001	ADMIN BLDG	PRICE	ATG2	100	18	18	0.05	TRANSFER GRILLE	ALUMINUM	SURFACE	1
TG-8002	ADMIN BLDG	PRICE	ATG2	275	36	18	0.05	TRANSFER GRILLE	ALUMINUM	SURFACE	1

NOTES:
1. SEE SPECIFICATION 23 31 13 FOR ADDITIONAL REQUIREMENTS
2. ADJUST DOUBLE DEFLECTION GRILLE AFTER INSTALLATION AND AGAIN DURING TESTING AND BALANCING
3. COORDINATE CEILING DIFFUSER NECK SIZE WITH CONNECTED DUCTWORK SIZE
4. INCLUDE VOLUME DAMPER

100% SUBMITTAL: DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER: T. HUDSON
DESIGNED BY: T. MONAHAN
DRAWN BY: B. WILLIAMS
PROJECT ENGINEER: T. MONAHAN
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
SCHEDULES SHEET 4

DATE: JUNE 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: H005

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-HVAC.rvt
7/7/2026 8:56:05 AM

VRF AIR HANDLING UNITS

TAG	LOCATION	MANUFACTURER		TYPE	ASSOCIATED EQUIPMENT	AREA SERVED	AIR FLOW (CFM)	MIN. OA (CFM)	E.S.P. (IWC)	HEATING				COOLING CAPACITY		IEER/SEER	WEIGHT (LBS)	POWER					NOTES
		MAKE	MODEL							TYPE	OUTPUT CAPACITY (MBH)	GAS CONNECT SIZE	AIRFLOW AT MAX HEATING (CFM)	TOTAL (MBH)	SENSIBLE (MBH)			VOLT	PH	HZ	MCA	MOCP	
AHU-8009	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG OFFICE 8014	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8010	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG OFFICE 8015	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8011	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG OFFICE 8016	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8012	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG OFFICE 8017	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8013	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG OFFICE 8018	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8014	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG CORRIDOR 2	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8015	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG CORRIDOR 2	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8016	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG CONTROL ROOM	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8017	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG CONTROL ROOM	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8018	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG DAY LAB	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8019	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG DAY LAB	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8020	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG CORRIDOR 1	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8021	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG KITCHEN	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8022	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG CORRIDOR 3	315	-	-	HEAT PUMP	9.0	-	315	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8023	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG CORRIDOR 4	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8024	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG WORKSTATIONS	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8025	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG CC OFFICE	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8026	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8005	ADMIN BLDG OFFICE 8032	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8027	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG LAB 8041	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8028	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG LAB 8041	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8029	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG LAB 8041	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8030	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG TECH OFFICE	315	-	-	HEAT PUMP	9.0	-	280	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8031	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG MICRO	315	-	-	HEAT PUMP	9.0	-	280	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8032	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG MICRO	315	-	-	HEAT PUMP	9.0	-	280	8	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8033	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG LAB 8043	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8034	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG LAB 8043	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8035	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG LAB 8044	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8036	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M05NFMU-A	CEILING CASSETTE	ACC-8006	ADMIN BLDG LAB 8044	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8037	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG WOMEN'S LOCKER	280	-	-	HEAT PUMP	5.6	-	280	5	-	-	29	208	1	60	0.36	15	1 THRU 11
AHU-8038	ADMIN BLDG ROOF	MITSUBISHI	PLFY-M08NFMU-A	CEILING CASSETTE	ACC-8004	ADMIN BLDG MEN'S LOCKER	280	-	-	HEAT PUMP	5.6	-	300	5	-	-	29	208	1	60	0.36	15	1 THRU 11

NOTES:
1. SEE SPECIFICATION 23 81 26 FOR ADDITIONAL REQUIREMENTS; CHANGEOUT TO R-454B REFRIGERANT RESULTS IN NOT ALL OPTIONS & ACCESSORIES BEING AVAILABLE; OPERATING POINTS +/- 5% WILL BE ACCEPTABLE. PROVIDE W/ REFRIGERANT LEAK DETECTION & SHUTDOWN SENSORS AT AHU
2. ALL COILS MANUFACTURER COATED IN EPOXY PHENOLIC, HERESITE OR EQUAL
3. PROVIDE UNIT WITH MANUFACTURER THERMOSTAT AND CONTROLS.
4. HAIL GUARD, COIL COATING
5. VARIABLE SPEED FAN
6. BUILT IN CONDENSATE PUMP & CONDENSATE OVERFLOW SHUTDOWN
7. INDOOR UNIT POWERED FROM OUTDOOR UNIT
8. FACTORY REPRESENTATIVES SHALL REVIEW THE PROJECT PRIOR TO AND THROUGHOUT THE INSTALLATION OF VRF SYSTEM EQUIPMENT.
9. FACTORY REPRESENTATIVES SHALL STARTUP AND COMMISSION VRF SYSTEM EQUIPMENT UPON COMPLETION OF EQUIPMENT INSTALLATIONS.
10. FACTORY REPRESENTATIVES SHALL PROVIDE ON-SITE ASSISTANCE FOR THE BMS INTEGRATION OF VRF SYSTEM EQUIPMENT.
11. FACTORY REPRESENTATIVES SHALL PROVIDE END-USER TRAINING ON THE VRF SYSTEM UPON COMPLETION OF THE INSTALLATION OF EQUIPMENT.

VRF CONDENSING UNIT

TAG	LOCATION	MANUFACTURER		ASSOCIATED EQUIPMENT	TYPE	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	COMPRESSOR TYPE	CONDENSER		EFFICIENCY		AMBIENT TEMP.		WEIGHT (LBS)	POWER					NOTES
		MAKE	MODEL						FAN NO.	FAN TYPE	COOLING EER2/SEER2	HEATING COP/HSPF	MAX.	MIN.		VOLT	PH	HZ	MCA	MOCP	
ACC-8004	ADMIN BLDG - NON-LAB NORTH AREA	MITSUBISHI	MXZ-SM60NLHZ	AHU-8009 THRU 8017, 8037, 8038	AIR COOLED HEAT PUMP	60	66	INVERTER-DRIVEN, TWIN ROTARY	2	PROPELLER	18.2 SEER2	3.7 COP	95	15	283	208	1	60	45	80	1 THRU 9
ACC-8005	ADMIN BLDG - NON-LAB SOUTH AREA	MITSUBISHI	MXZ-SM60NLHZ	AHU-8018 THRU 8022, 8024, 8025, 8026	AIR COOLED HEAT PUMP	60	66	INVERTER-DRIVEN, TWIN ROTARY	2	PROPELLER	18.2 SEER2	3.7 COP	95	15	283	208	1	60	45	80	1 THRU 9
ACC-8005	ADMIN BLDG - LAB AREA	MITSUBISHI	MXZ-SM60NLHZ	AHU-8027 THRU AHU-8036, 8023	AIR COOLED HEAT PUMP	60	66	INVERTER-DRIVEN ,TWIN ROTARY	2	PROPELLER	18.2 SEER2	3.7 COP	95	15	283	208	1	60	45	80	1 THRU 9

NOTES:
1. SEE SPECIFICATION 23 81 26 FOR ADDITIONAL REQUIREMENTS
2. INDOOR UNIT POWERED FROM OUTDOOR UNIT
3. HIGH EFFICIENCY UNIT
4. LOW AMBIENT OPERATION, PAN HEATER
5. HAIL GUARD, COIL COATING, SEACOAST PROTECTION
6. FACTORY REPRESENTATIVES SHALL REVIEW THE PROJECT PRIOR TO AND THROUGHOUT THE INSTALLATION OF VRF SYSTEM EQUIPMENT.
7. FACTORY REPRESENTATIVES SHALL STARTUP AND COMMISSION VRF SYSTEM EQUIPMENT UPON COMPLETION OF EQUIPMENT INSTALLATIONS.
8. FACTORY REPRESENTATIVES SHALL PROVIDE ON-SITE ASSISTANCE FOR THE BMS INTEGRATION OF VRF SYSTEM EQUIPMENT.
9. FACTORY REPRESENTATIVES SHALL PROVIDE END-USER TRAINING ON THE VRF SYSTEM UPON COMPLETION OF THE INSTALLATION OF EQUIPMENT.

100% SUBMITTAL, DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

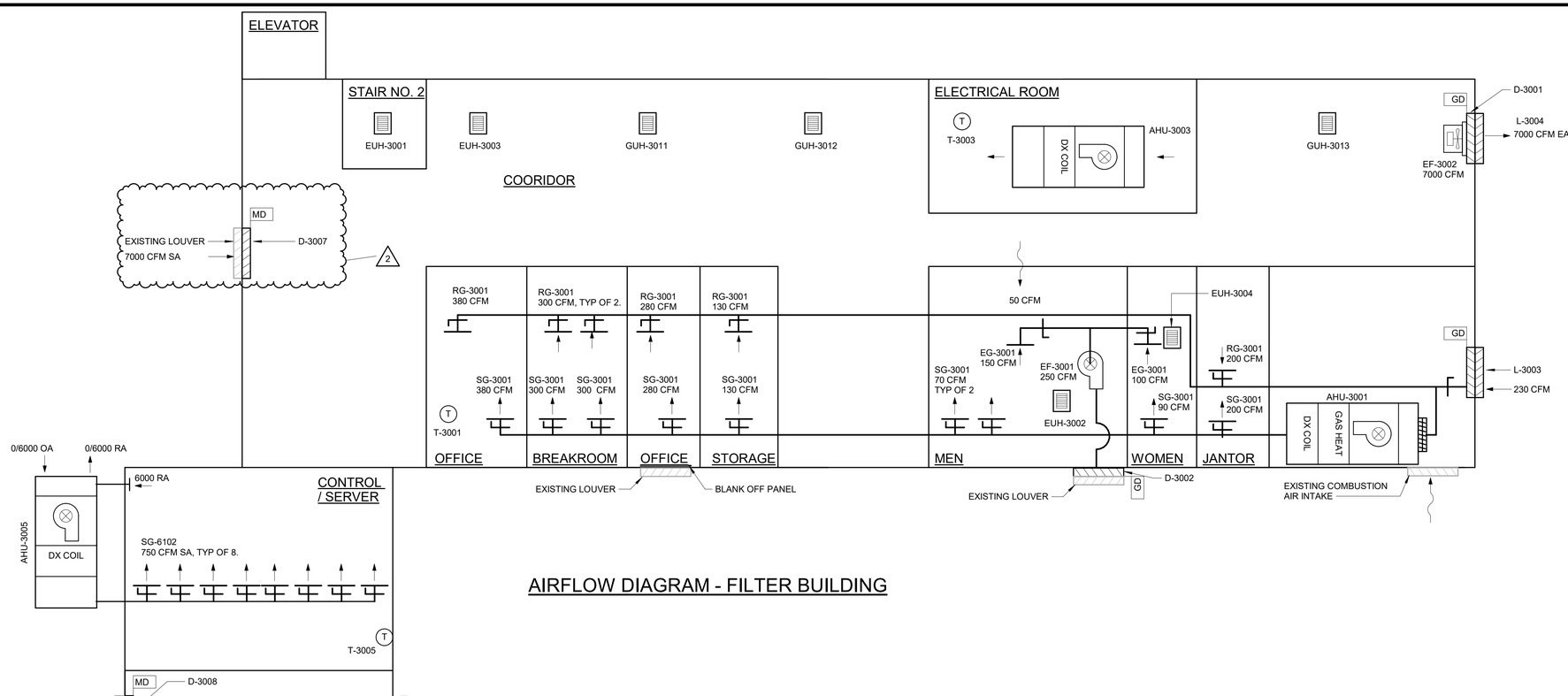
GENERAL
HVAC
SCHEDULES SHEET 5

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H005A

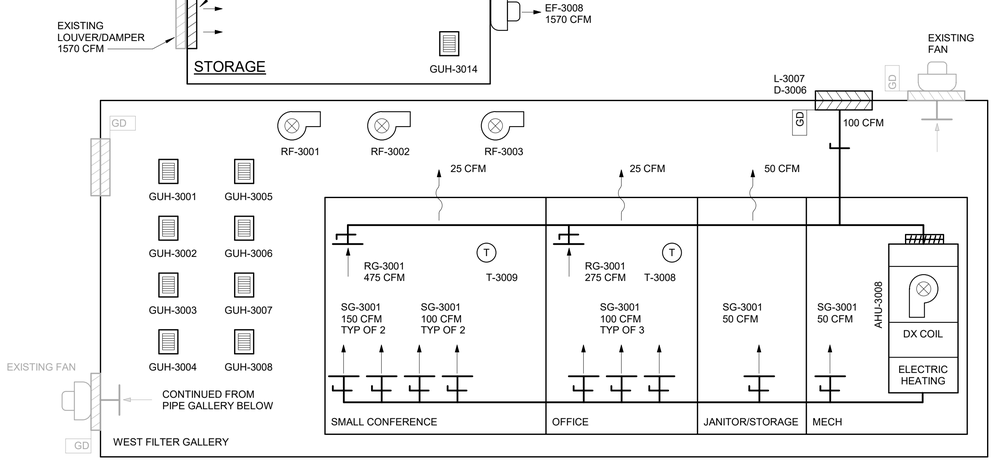
Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-HVAC.rvt
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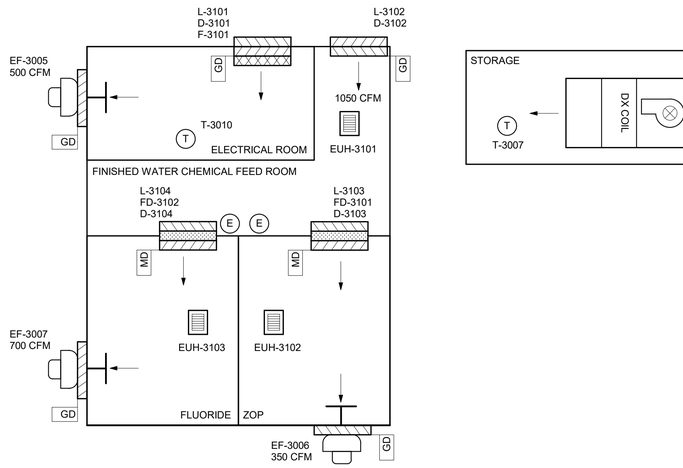
1. EQUIPMENT DENOTED WITH * SHALL BE SUPPLIED AND CONTROLLED BY THE EQUIPMENT MANUFACTURER. EQUIPMENT SHALL BE SHIPPED LOOSE AND SHALL BE FIELD INSTALLED AND WIRED BY THE CONTRACTOR.



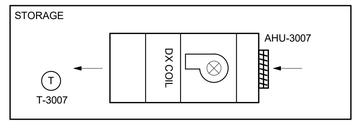
AIRFLOW DIAGRAM - FILTER BUILDING



AIRFLOW DIAGRAM - FILTER WEST GALLERY

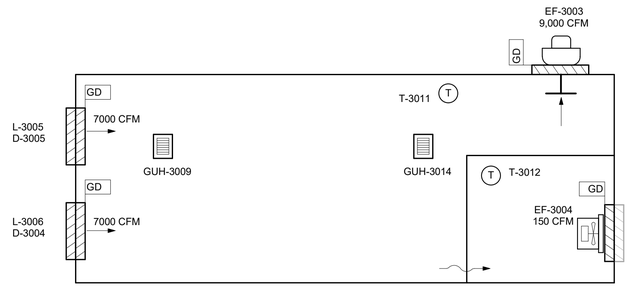


AIRFLOW DIAGRAM - FILTER BUILDING FINISHED WATER









AIRFLOW DIAGRAM - FILTER BUILDING THIRD FLOOR

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

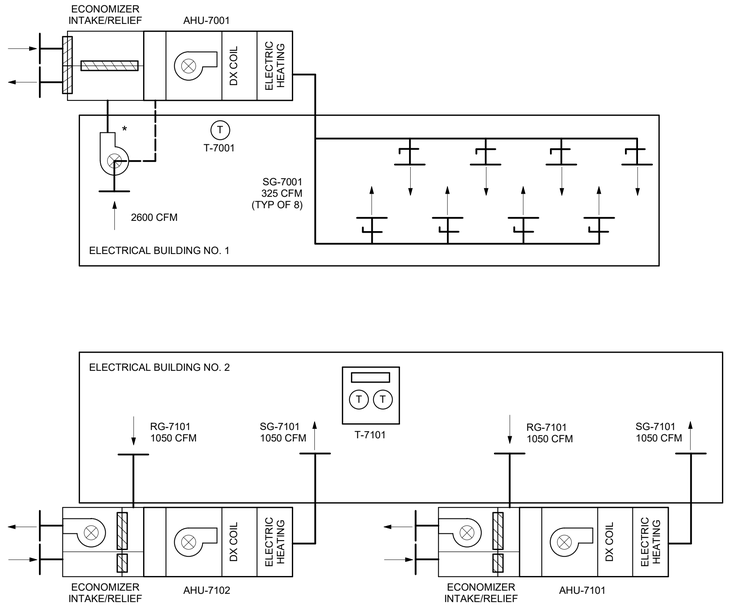
GENERAL
HVAC
AIRFLOW DIAGRAMS

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H006

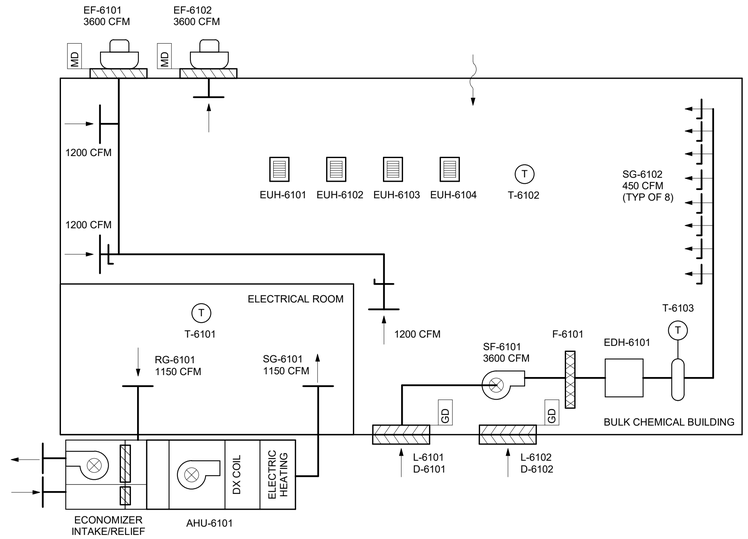
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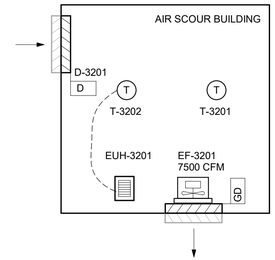
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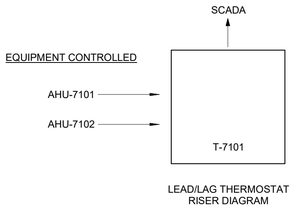
AIRFLOW DIAGRAM - ELECTRICAL BUILDINGS



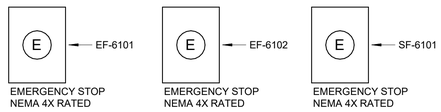
AIRFLOW DIAGRAM - BULK CHEMICAL BUILDING



AIRFLOW DIAGRAM - AIR SCOUR BUILDING



LEAD/LAG THERMOSTAT
RISER DIAGRAM



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

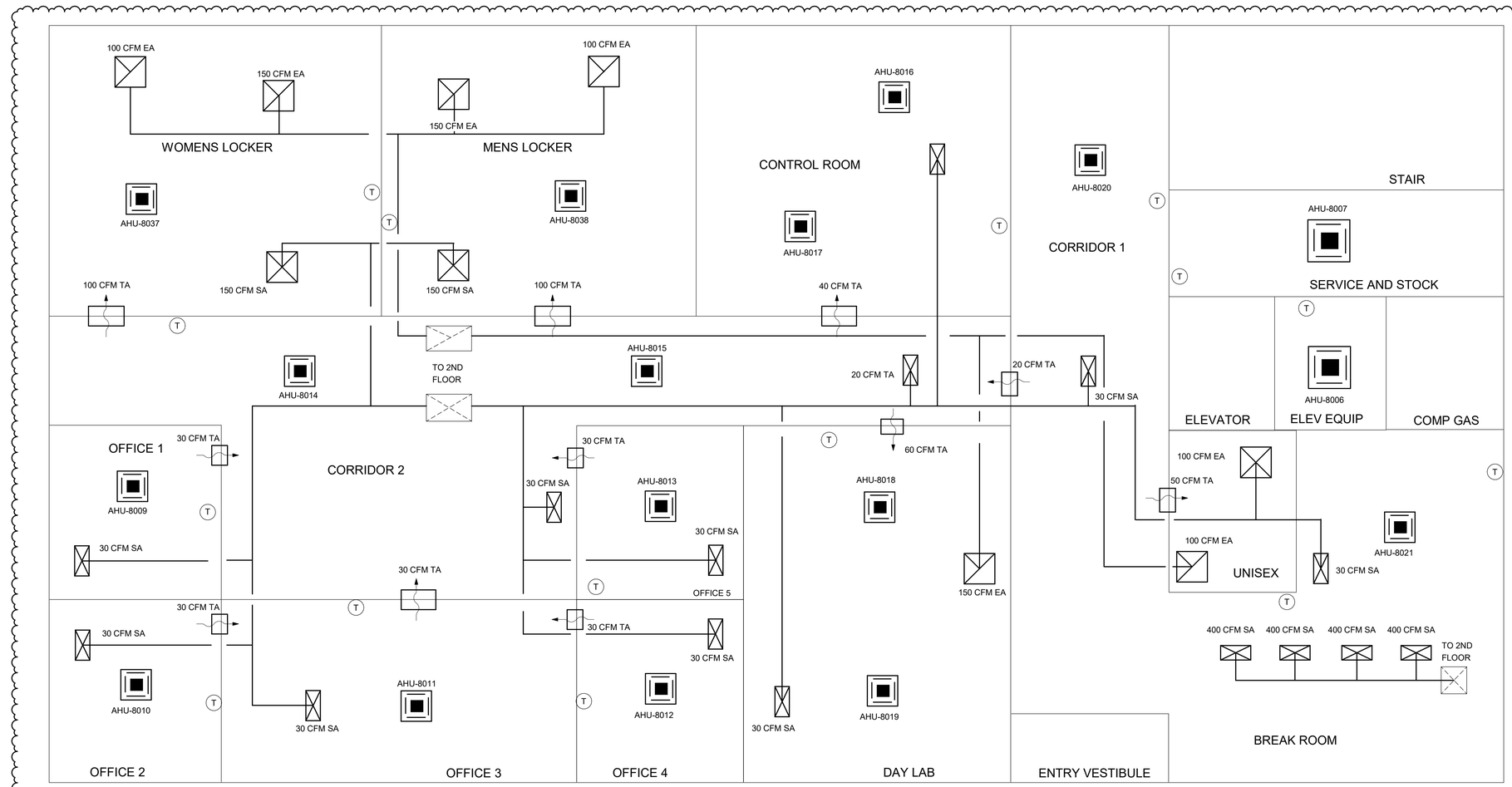
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
AIRFLOW DIAGRAMS SHEET 2

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H007

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AIRFLOW DIAGRAM - ADMINISTRATION BUILDING - 1ST FLOOR

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

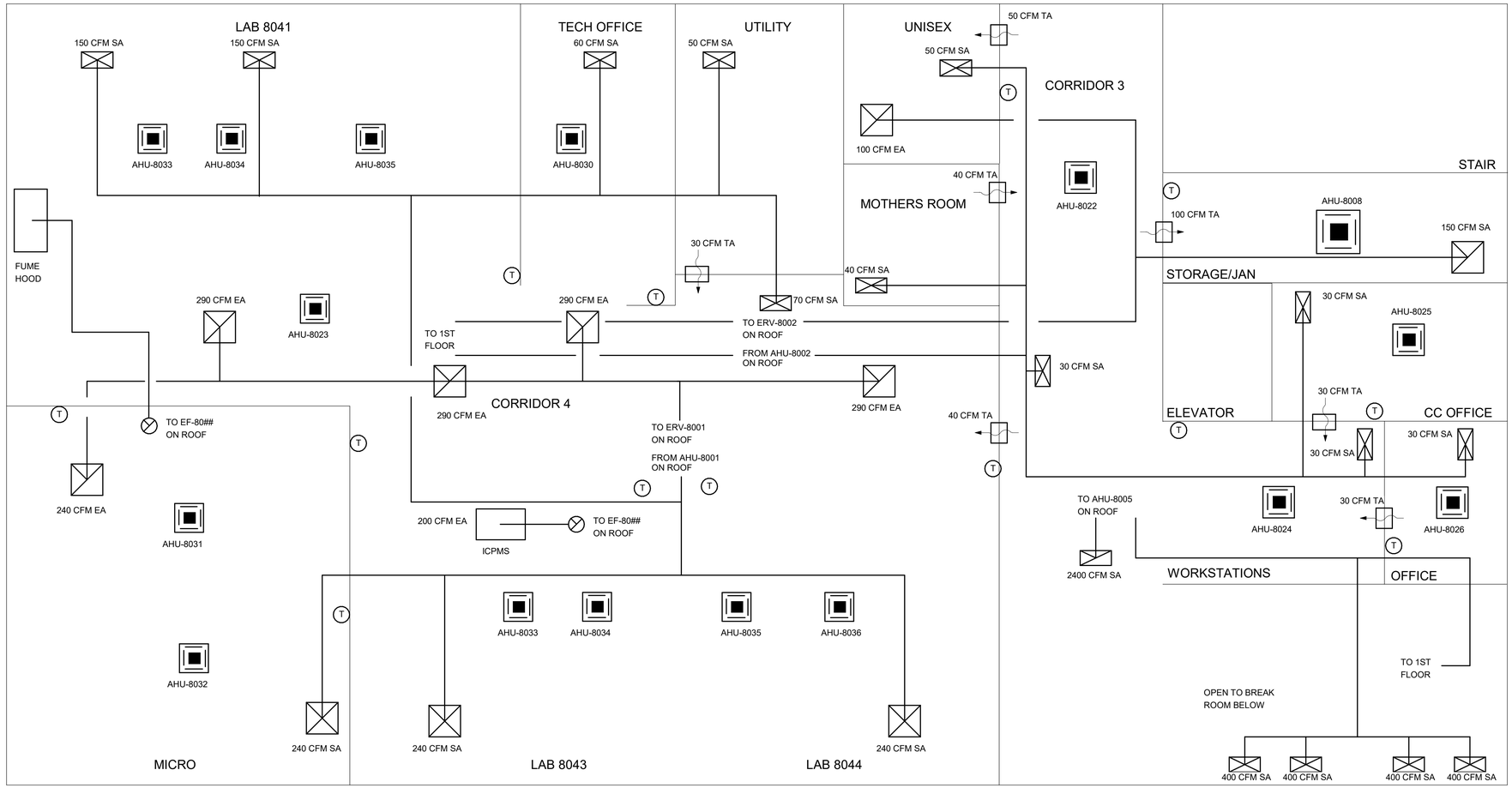
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
AIRFLOW DIAGRAMS SHEET 3

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H008

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AIRFLOW DIAGRAM - ADMINISTRATION BUILDING - 2ND FLOOR

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

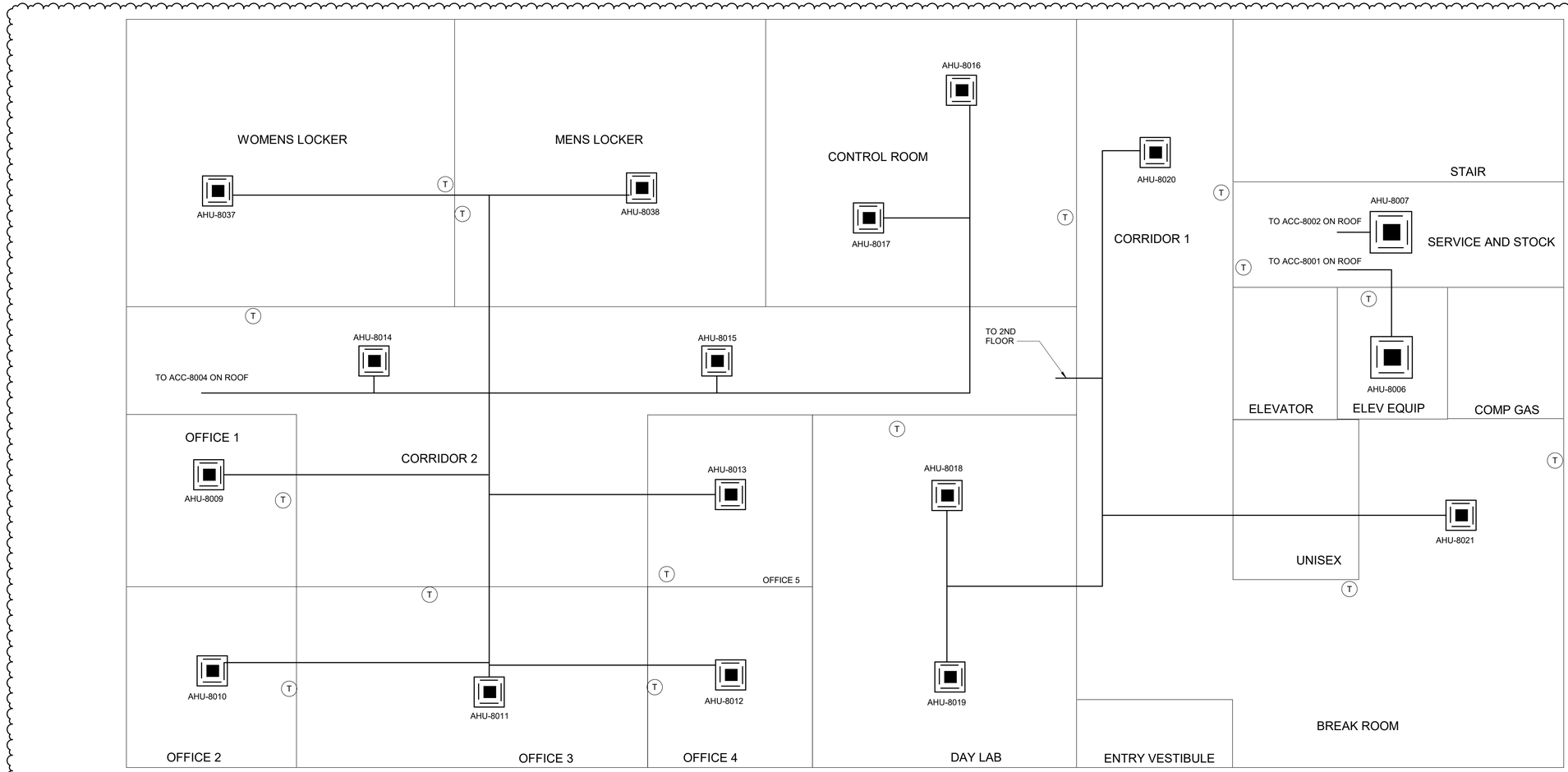
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
AIRFLOW DIAGRAMS SHEET 4

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H008A

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REFRIGERANT PIPING DIAGRAM - ADMINISTRATION BUILDING - 1ST FLOOR

2

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

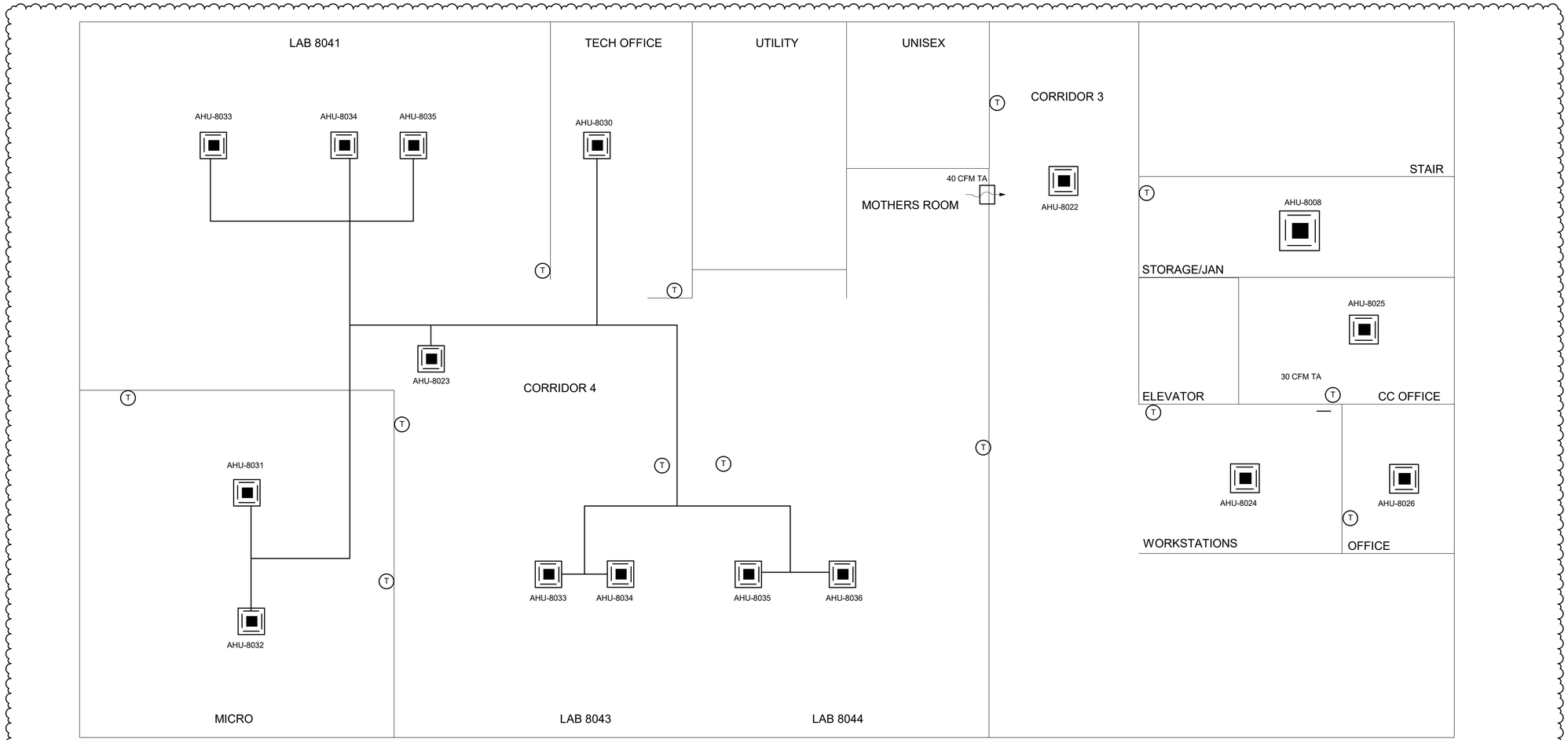
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
HVAC
REFRIGERANT PIPING DIAGRAMS SHEET 1

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H008B

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REFRIGERANT PIPING DIAGRAM - ADMINISTRATION BUILDING - 2ND FLOOR

2

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

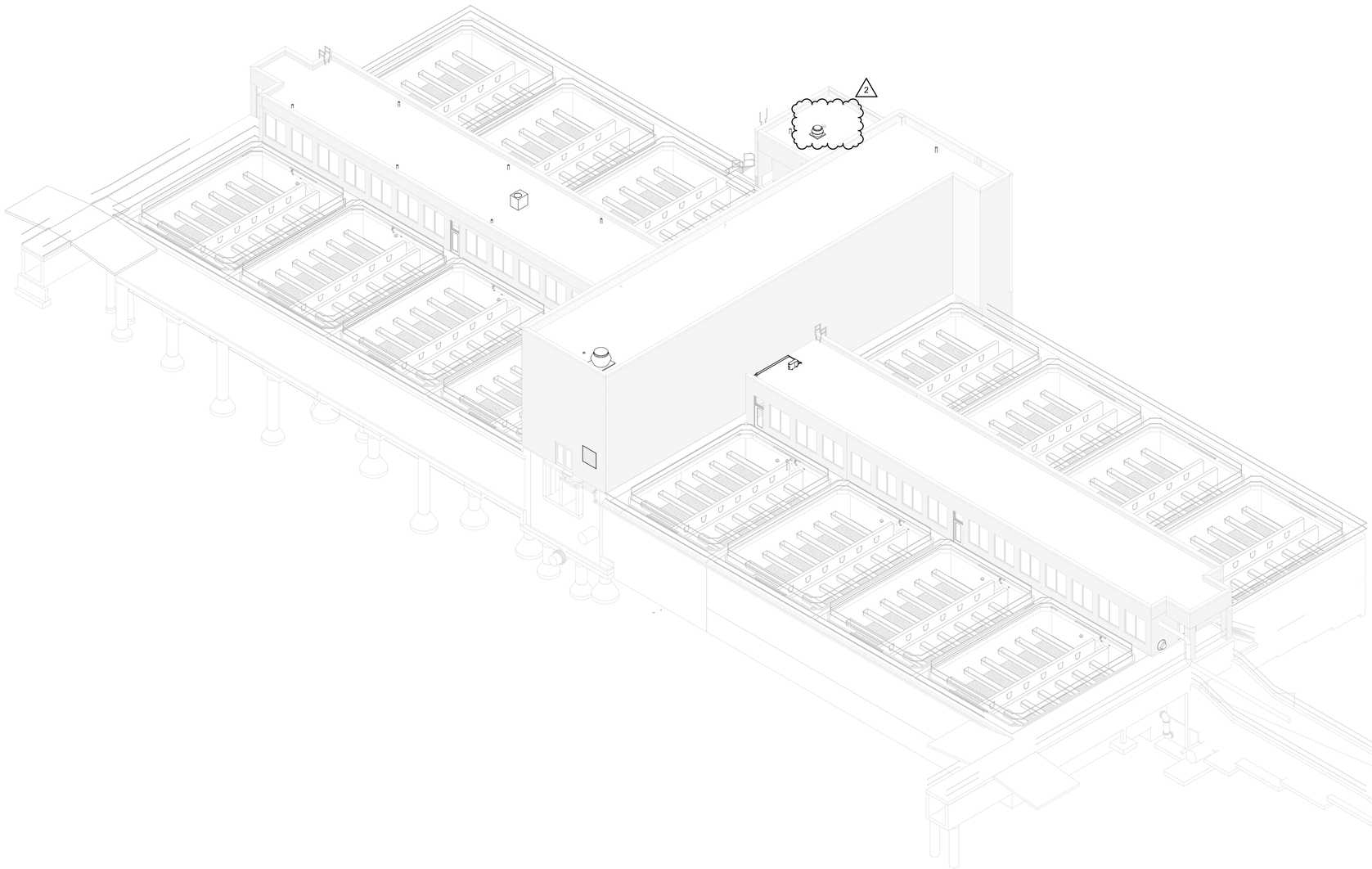
GENERAL
HVAC
REFRIGRERANT PIPING DIAGRAMS SHEET 2

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H008C

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NOTES:

1. ISOMETRIC PLAN SHOWN FOR REFERENCE.



ISOMETRIC VIEW

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REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

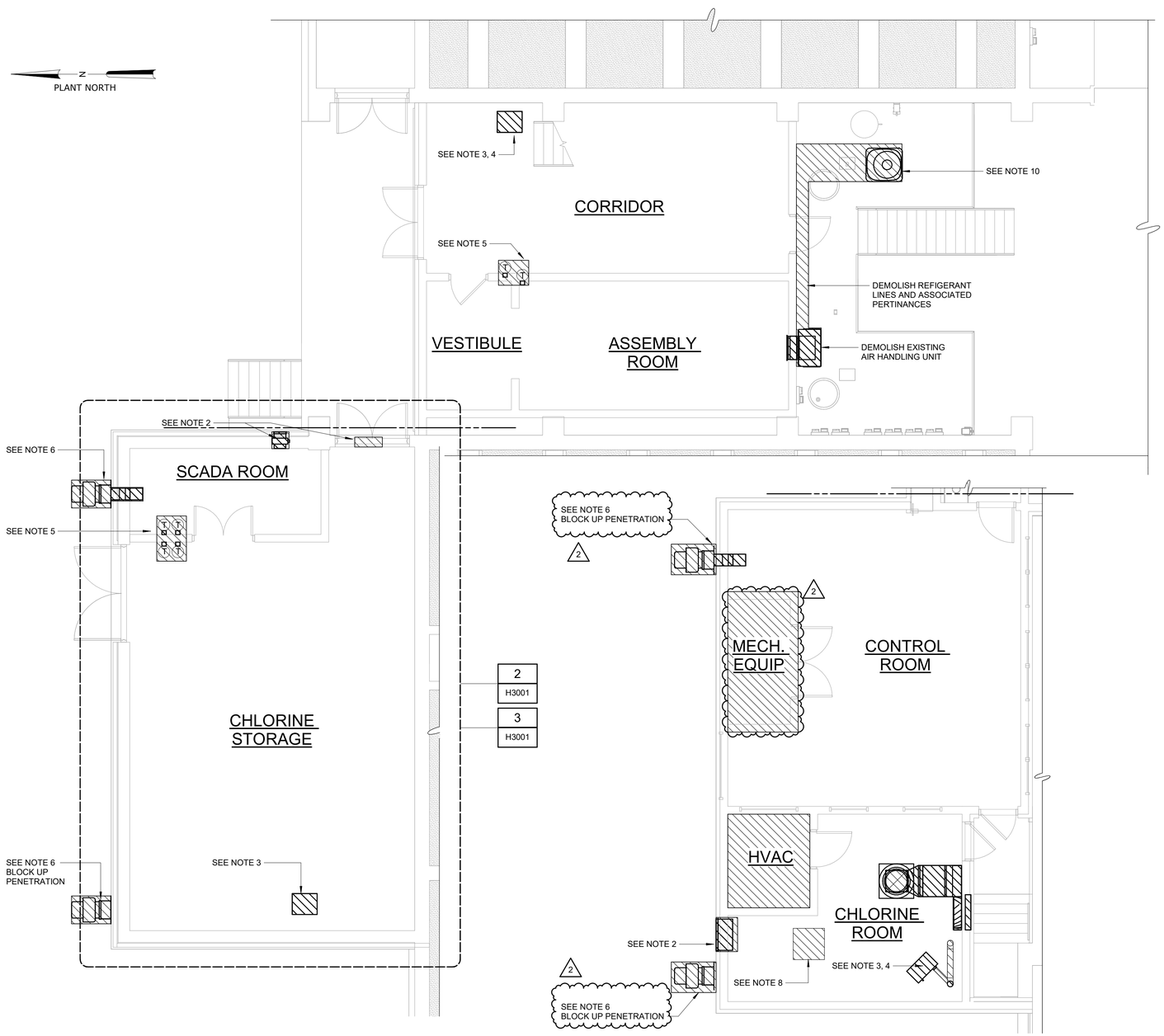
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
HVAC
3D ISOMETRIC

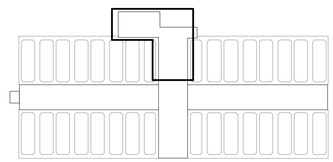
DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3000

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PARTIAL BOTTOM PLAN - DEMOLITION
3/16" = 1'-0"

3 PARTIAL ROOF PLAN - CROSS GALLERY - DEMOLITION
3/16" = 1'-0"



2 PARTIAL INTERMEDIATE PLAN - CROSS GALLERY - DEMOLITION
3/16" = 1'-0"

THESE DRAWINGS ARE NOT COMPREHENSIVE AND ARE PROVIDED FOR GENERAL INFORMATION ONLY. THEY ARE INCLUDED AS A REFERENCE TO DEMONSTRATE A GENERAL SCOPE OF STRUCTURES AND EQUIPMENT TO BE IMPROVED.

NOTES:

1. CONTRACTOR SHALL FEILD VERIFY ALL EXISTING DUCTWORK AND ASSOCIATED APPERTUNANCES. CONTRACTOR SHALL REMOVE AND DEMOLISH ALL DUCTWORK AND EQUIPMENT.
2. PLANS ARE BASED ON RECORD DRAWINGS AND DO NOT INDICATE ALL POTENTIAL CONFLICTS. CONTRACTOR SHALL NOTIFY ENGINEER OF SIGNIFICANT DIFFERENCES BETWEEN EXISTING CONDITIONS AND PLANS.
3. REMOVE AND PROPERLY DISPOSE OF GAS FIRED HEATER AND FLUE UP TO 3RD FLOOR CEILING/ROOFLINE. SEAL OPENINGS IN CONCRETE FLOOR.
4. REMOVE AND PROPERLY DISPOSE OF NATURAL GAS CONNECTION AND PIPING. CAP NG PIPE SEE PLUMBING DRAWINGS.
5. REMOVE AND PROPERLY DISPOSE OF THERMOSTAT.
6. REMOVE AND PROPERLY DISPOSE OF FAN.
7. SEE PLUMBING PLANS FOR CW, HW, WTC. DEMOLITION.
8. REMOVE EXISTING EQUIPMENT. CAP ROOF OPENING.
9. REMOVE AND PROPERLY DISPOSE OF ROOFTOP CONDENSING UNIT. REUSE EXISTING ROOF OPENING FOR REFRIGERANT.
10. REMOVE AND PROPERLY DISPOSE OF ALL SPLIT SYSTEM EQUIPMENT, AIR REGISTERS, DUCTWORK, REFRIGERANT PIPING, AND CONDENSATE PIPING IN THE PIPE GALLERY.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
HVAC
DEMOLITION - GROUND & SECOND FLOOR PARTIAL PLANS

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3001

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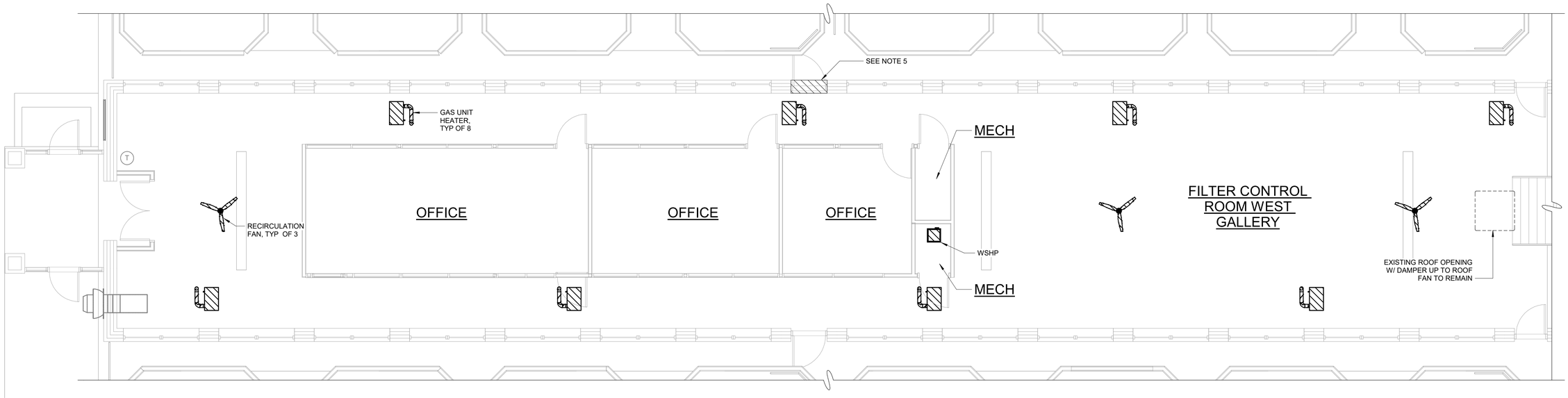
PLANT NORTH

N

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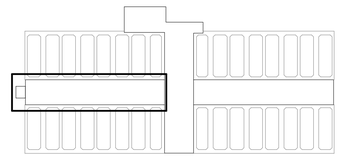
NOTES:

1. CONTRACTOR SHALL FEILD VERIFY ALL EXISTING DUCTWORK AND ASSOCIATED APPERTUNANCES. CONTRACTOR SHALL REMOVE AND DEMOLISH ALL DUCTWORK AND EQUIPMENT.
2. PLANS ARE BASED ON RECORD DRAWINGS AND DO NOT INDICATE ALL POTENTIAL CONFLICTS. CONTRACTOR SHALL NOTIFY ENGINEER OF SIGNIFICANT DIFFERENCES BETWEEN EXISTING CONDITIONS AND PLANS.
3. DEMOLISH NATURAL GAS CONNECTION AND PIPING BACK TO BRANCH TAKEOFF. CAP NG PIPE FOR REUSE.
4. DEMOLISH ALL GAS UNIT HEATERS, RECIRCULATION FANS, WATER SOURCE HEAT PUMPS & ASSOCIATED DUCTWORK, WSHP PIPING, REMOTE THERMOSTATS, AND REGISTERS ON THIS FLOOR.
5. DEMOLISH TRANSOM WINDOW FOR FUTURE LOUVER. SEE ARCHITECTURAL PLANS.



ENLARGED INTERMEDIATE PLAN - WEST GALLERY - DEMOLITION

3/16" = 1'-0"



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
HVAC
DEMOLITION - SECOND FLOOR PARTIAL PLAN - WEST GALLERY

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3002

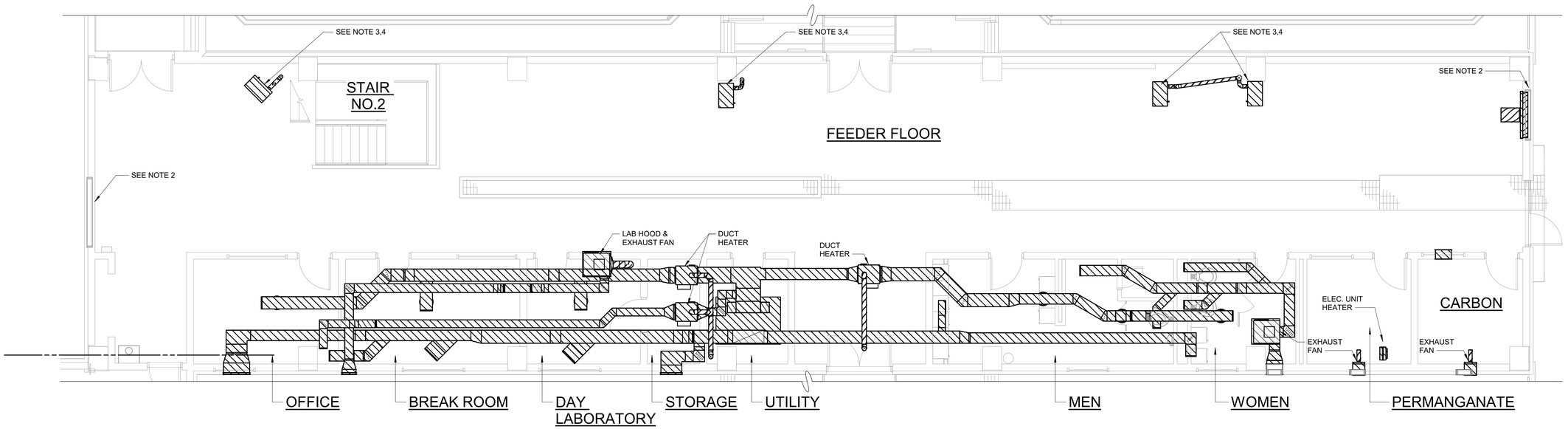
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PLANT NORTH

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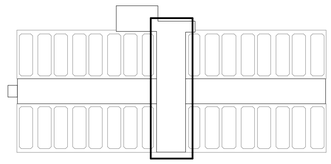
NOTES:

1. CONTRACTOR SHALL FEILD VERIFY ALL EXISTING DUCTWORK AND ASSOCIATED APPERTUNANCES. CONTRACTOR SHALL REMOVE AND DEMOLISH ALL DUCTWORK AND EQUIPMENT.
2. REMOVE AND PROPERLY DISPOSE OF LOUVER AND DAMPER. REUSE OPENING FOR NEW LOUVER AND DAMPER.
3. REMOVE AND PROPERLY DISPOSE OF GAS FIRED HEATERS. REUSE OPENING IN ROOF AND CONCRETE FLOOR.
4. REMOVE AND PROPERLY DISPOSE OF NATURAL GAS CONNECTION AND PIPING BACK TO BRANCH TAKEOFF. CAP NG PIPE. SEE PLUMBING PLANS.
5. REMOVE AND PROPERLY DISPOSE OF ALL HVAC EQUIPMENT, DUCTWORK, REGISTERS, THERMOSTATS, FANS, DAMPERS, ETC. ON THIS FLOOR.
6. REMOVE AND PROPERLY DISPOSE OF ALL AIR HANDLER, REFRIGERANT PIPING, CONDENSTAE PIPING, EXTERIOR MOUNTED CONDENSING UNITS ETC. ON THIS LEVEL AND ADJACENT ROOFLINE.
7. SEE PLUMBING PLANS FOR CW, HW, WTC. DEMOLITION.
8. PLANS ARE BASED ON RECORD DRAWINGS AND DO NOT INDICATE ALL POTENTIAL CONFLICTS. CONTRACTOR SHALL NOTIFY ENGINEER OF SIGNIFICANT DIFFERENCES BETWEEN EXISTING CONDITIONS AND PLANS.



PARTIAL INTERMEDIATE PLAN - FEEDER ROOM - DEMOLITION

3/16" = 1'-0"



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
HVAC
DEMOLITION - SECOND FLOOR PARTIAL PLAN - FEEDER ROOM

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3003

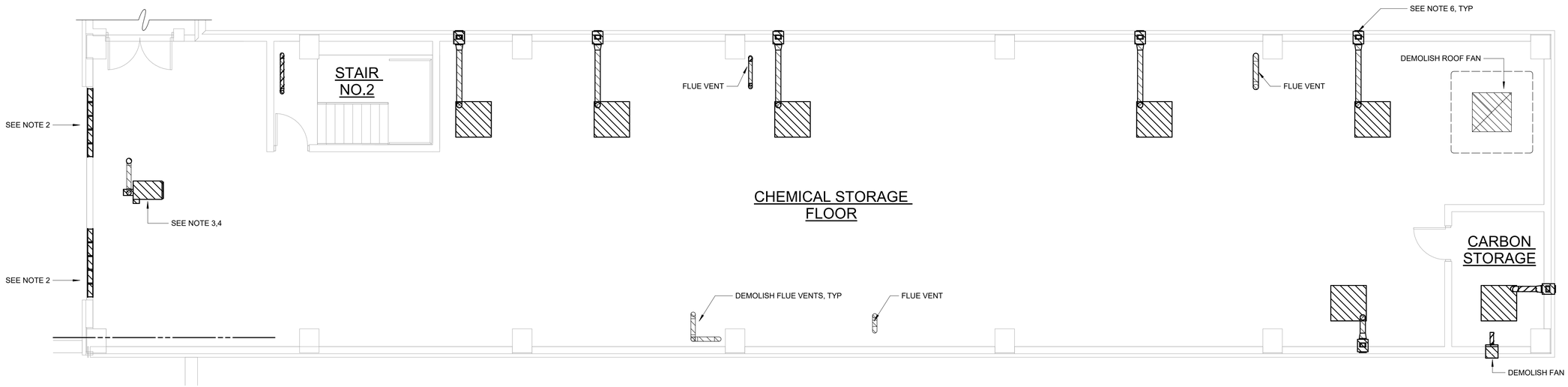
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7/7/2026 8:56:26 AM

THESE DRAWINGS ARE NOT COMPREHENSIVE AND ARE PROVIDED FOR GENERAL INFORMATION ONLY. THEY ARE INCLUDED AS A REFERENCE TO DEMONSTRATE A GENERAL SCOPE OF STRUCTURES AND EQUIPMENT TO BE IMPROVED.

NOTES:

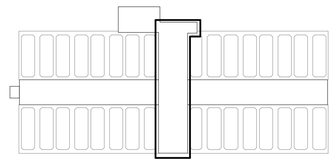
1. CONTRACTOR SHALL FEILD VERIFY ALL EXISTING DUCTWORK AND ASSOCIATED APPERTUNANCES. CONTRACTOR SHALL REMOVE AND DEMOLISH ALL DUCTWORK AND EQUIPMENT.
2. REMOVE AND PROPERLY DISPOSE OF LOUVERS, DAMPERS, AND FILTERS.
3. REMOVE AND PROPERLY DISPOSE OF GAS FIRED HEATER. DEMOLISH FLUE TO UNDERSIDE OF ROOF . REUSE OPENINGS. (2)
4. REMOVE AND PROPERLY DISPOSE OF NATURAL GAS CONNECTION AND PIPING. CAP NG PIPE. SEE PLUMBING PLANS.
5. PLANS ARE BASED ON RECORD DRAWINGS AND DO NOT INDICATE ALL POTENTIAL CONFLICTS. CONTRACTOR SHALL NOTIFY ENGINEER OF SIGNIFICANT DIFFERENCES BETWEEN EXISTING CONDITIONS AND PLANS.
6. REUSE ALL FLUE VENT WALL OPENINGS. (2)

PLANT NORTH



TOP FLOOR - CROSS GALLERY - DEMOLITION

3/16" = 1'-0"



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

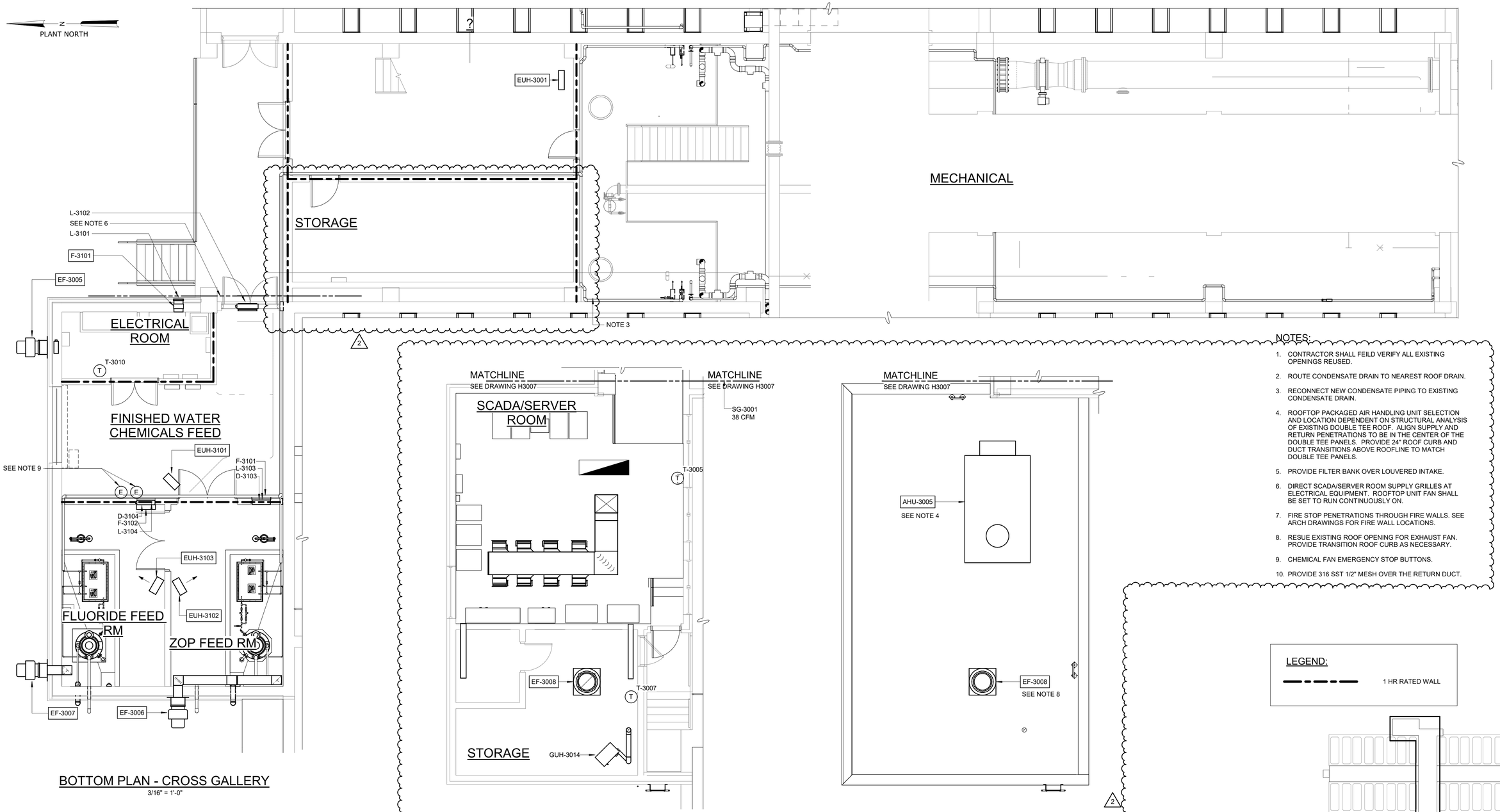
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
HVAC
DEMOLITION - THIRD FLOOR PLAN

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3004

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-HVAC.rvt
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PLANT NORTH



BOTTOM PLAN - CROSS GALLERY
3/16" = 1'-0"

PARTIAL INTERMEDIATE PLAN - CROSS GALLERY
3/16" = 1'-0"

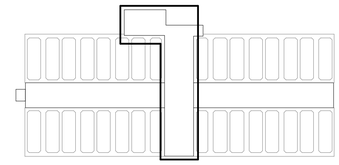
PARTIAL ROOF PLAN - CROSS GALLERY
3/16" = 1'-0"

NOTES:

1. CONTRACTOR SHALL FEILD VERIFY ALL EXISTING OPENINGS REUSED.
2. ROUTE CONDENSATE DRAIN TO NEAREST ROOF DRAIN.
3. RECONNECT NEW CONDENSATE PIPING TO EXISTING CONDENSATE DRAIN.
4. ROOFTOP PACKAGED AIR HANDLING UNIT SELECTION AND LOCATION DEPENDENT ON STRUCTURAL ANALYSIS OF EXISTING DOUBLE TEE ROOF. ALIGN SUPPLY AND RETURN PENETRATIONS TO BE IN THE CENTER OF THE DOUBLE TEE PANELS. PROVIDE 24" ROOF CURB AND DUCT TRANSITIONS ABOVE ROOFLINE TO MATCH DOUBLE TEE PANELS.
5. PROVIDE FILTER BANK OVER LOUVERED INTAKE.
6. DIRECT SCADA/SERVER ROOM SUPPLY GRILLES AT ELECTRICAL EQUIPMENT. ROOFTOP UNIT FAN SHALL BE SET TO RUN CONTINUOUSLY ON.
7. FIRE STOP PENETRATIONS THROUGH FIRE WALLS. SEE ARCH DRAWINGS FOR FIRE WALL LOCATIONS.
8. RESUE EXISTING ROOF OPENING FOR EXHAUST FAN. PROVIDE TRANSITION ROOF CURB AS NECESSARY.
9. CHEMICAL FAN EMERGENCY STOP BUTTONS.
10. PROVIDE 316 SST 1/2" MESH OVER THE RETURN DUCT.

LEGEND:

1 HR RATED WALL



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

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Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

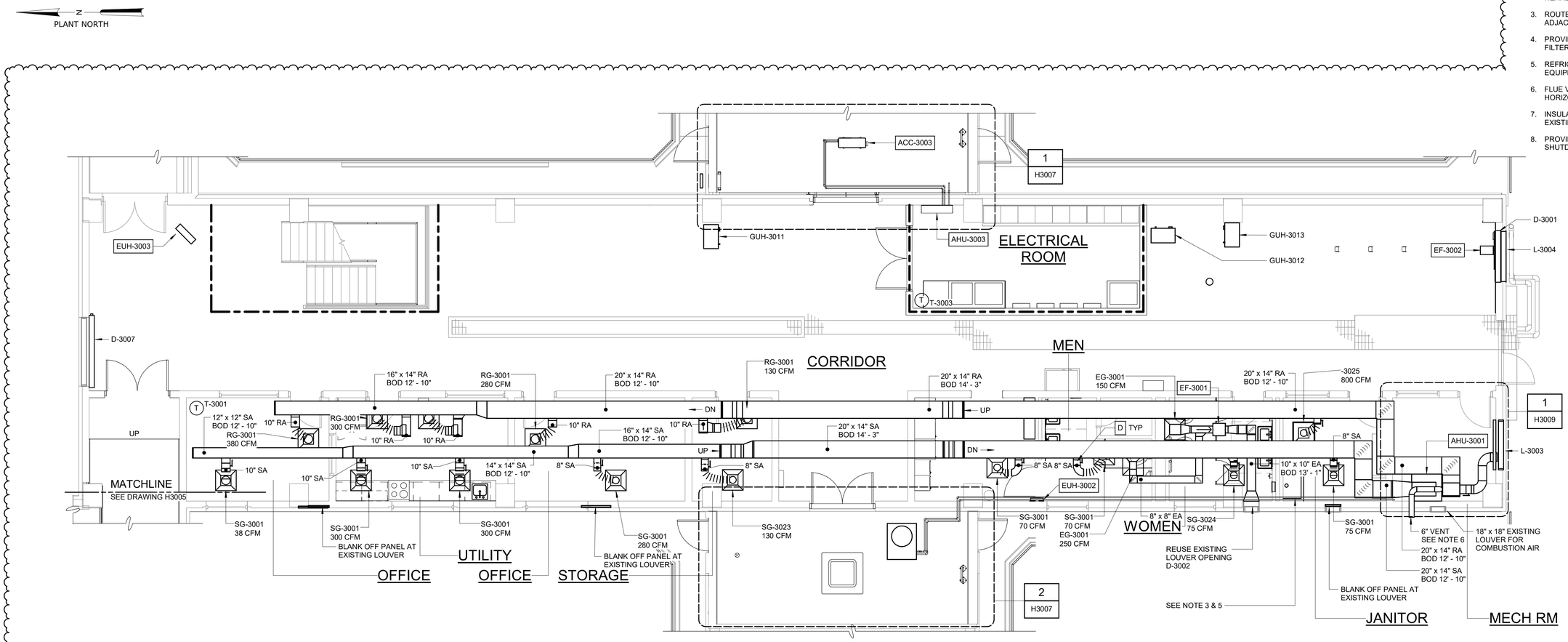
FILTER BUILDING
HVAC
GROUND FLOOR & SECOND FLOOR PARTIAL PLANS

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3005

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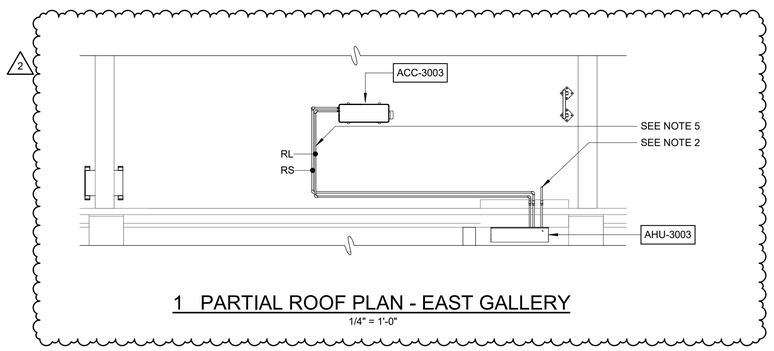
NOTES:

1. DO NOT ROUTE REFRIGERANT AND CONDENSATE LINES ABOVE ELECTRICAL EQUIPMENT.
2. ROUTE MINISPLIT CONDENSATE TO EXTERIOR AND INTO NEAREST ROOF DRAIN.
3. ROUTE AHU-3001 CONDENSATE PUMP TO MOP SINK IN ADJACENT JANITOR ROOM.
4. PROVIDE CURB FOR MOUNTING CONDENSING UNIT ON FILTER GALLERY (EAST & WEST) ROOF.
5. REFRIGERANT LINES ROUTED TO CONDENSING EQUIPMENT ON ROOF.
6. FLUE VENT EXTENSION KIT ROUTED TO DURAVENT HORIZONTAL TERMINATION CAP.
7. INSULATED BLANK OFF PANEL OVER ALL UNUSED EXISTING LOUVERS.
8. PROVIDE R-454B LEAK DETECTION AND EQUIPMENT SHUTDOWN AT AHU-3001 & AHU-3002



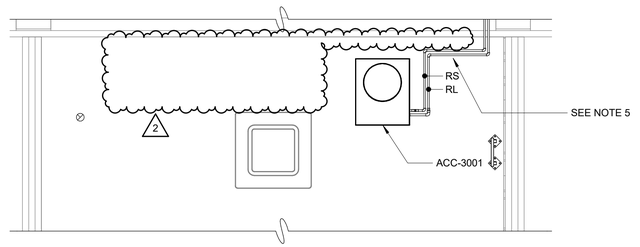
PARTIAL INTERMEDIATE PLAN - CROSS GALLERY

3/16" = 1'-0"



1 PARTIAL ROOF PLAN - EAST GALLERY

1/4" = 1'-0"

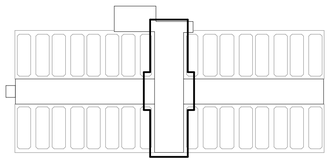


2 PARTIAL ROOF PLAN - WEST GALLERY

1/4" = 1'-0"

LEGEND:

1 HR RATED WALL



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
HVAC
SECOND FLOOR - PARTIAL PLAN FEEDER ROOM

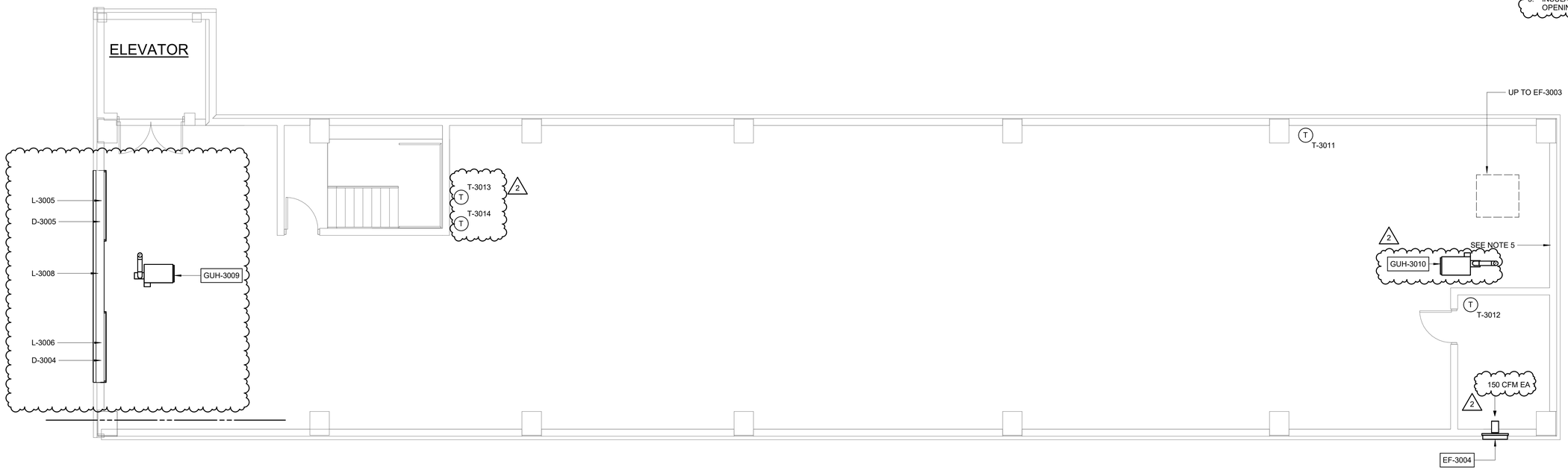
DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3007

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NOTES:

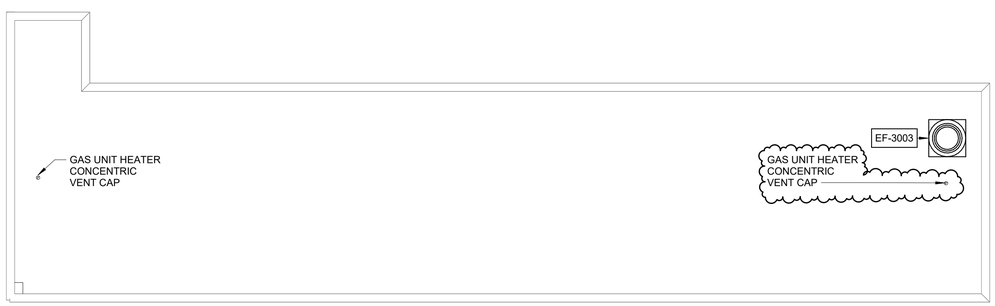
1. PROVIDE NEW CONTROL DAMPERS AND LOUVERS. FIELD VERIFY OPENING SIZE. BLANK OFF UNUSED LOUVER L-3008.
2. REUSE WALL AND ROOF OPENINGS. FIELD VERIFY OPENING SIZE. PROVIDE ANY REQUIRED TRANSITION FOR NEW EQUIPMENT.
3. CAPPED STAINLESS STEEL FLUE RUN TO ROOF THROUGH EXISTING OPENING.
4. WALL FAN MOUNTED PER DETAIL H-23-0617.
5. INSULATE AND BLANK OFF ALL UNUSED WALL OPENINGS.

PLANT NORTH



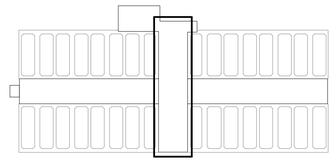
TOP FLOOR - CROSS GALLERY

3/16" = 1'-0"



ROOF PLAN - CROSS GALLERY

3/32" = 1'-0"



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
HVAC
THIRD FLOOR & ROOF PLAN

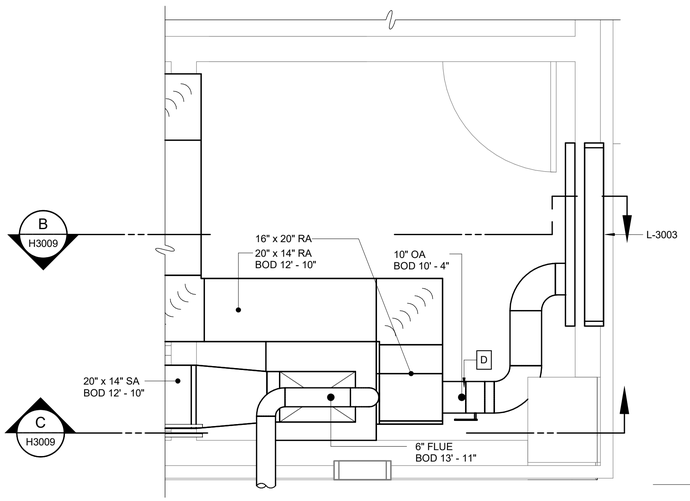
DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3008

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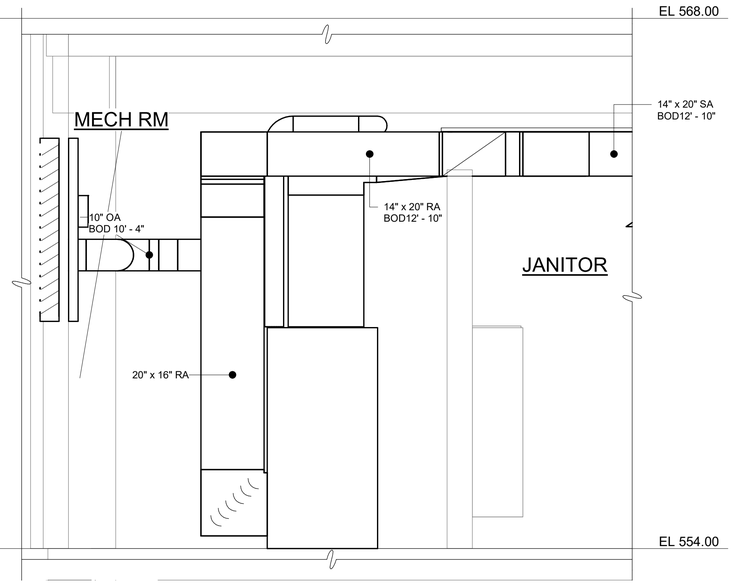
NOTES:

1. PROVIDE NEW CONTROL DAMPERS OVER EXISTING LOUVERS. FIELD VERIFY OPENING SIZE.
2. REUSE WALL AND ROOF OPENINGS. FIELD VERIFY OPENING SIZE. PROVIDE ANY REQUIRED TRANSITION FOR NEW EQUIPMENT.
3. CAPPED STAINLESS STEEL FLUE RUN TO ROOF THROUGH EXISTING OPENING.

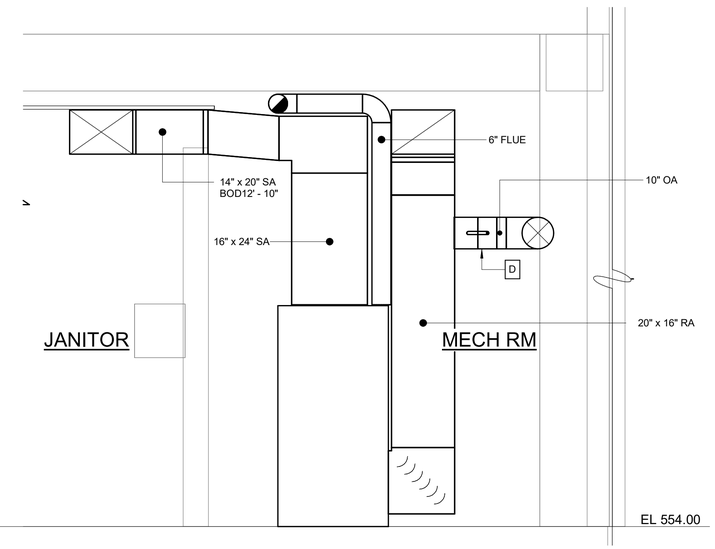
PLANT NORTH



PARTIAL INTERMEDIATE PLAN - MECH ROOM
1/2" = 1'-0"

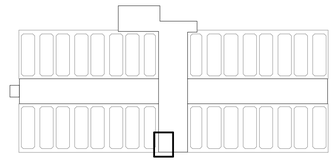


SECTION B
1/2" = 1'-0"
H3009



SECTION C
1/2" = 1'-0"
H3009

2



100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	B. WILLIAMS
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
HVAC
ENLARGED FLOOR PLANS & SECTIONS

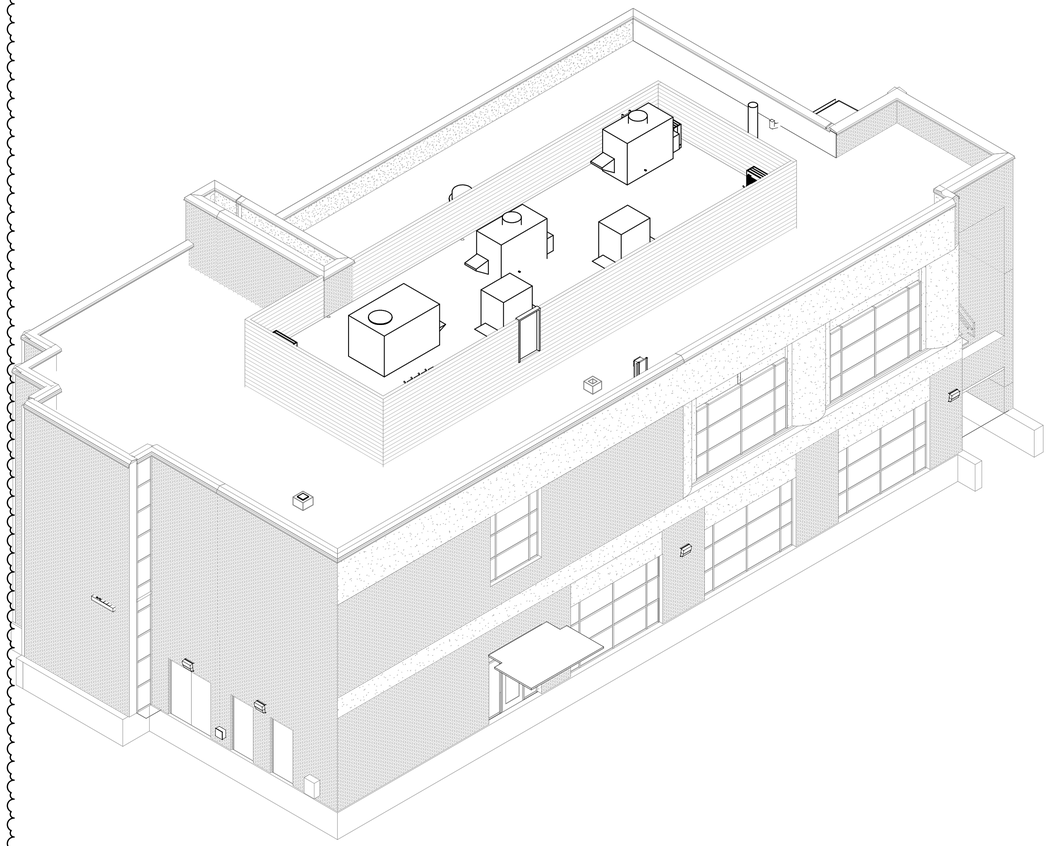
DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H3009

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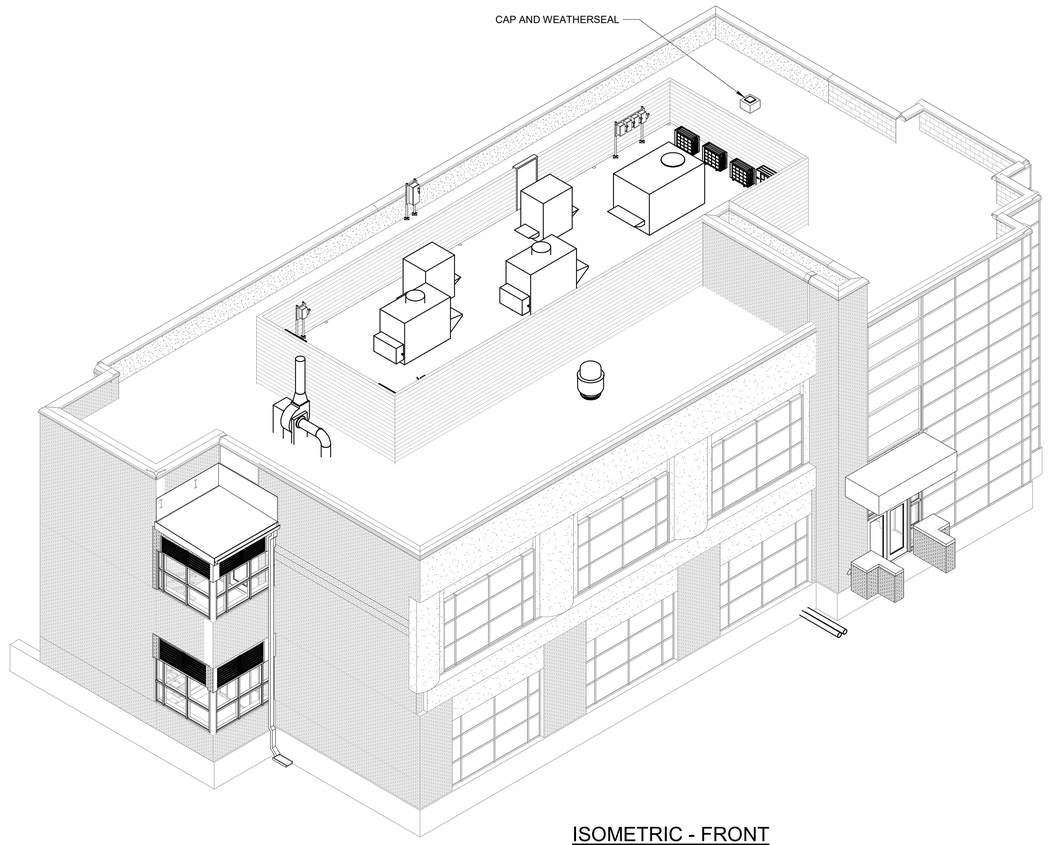
NOTES:

1. ISOMETRIC PLANS SHOWN FOR REFERENCE.

2



ISOMETRIC - REAR



ISOMETRIC - FRONT

2

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMIN BUILDING
HVAC
ADMINISTRATION BUILDING ISOMETRIC VIEWS

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H8001

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-HVAC.rvt
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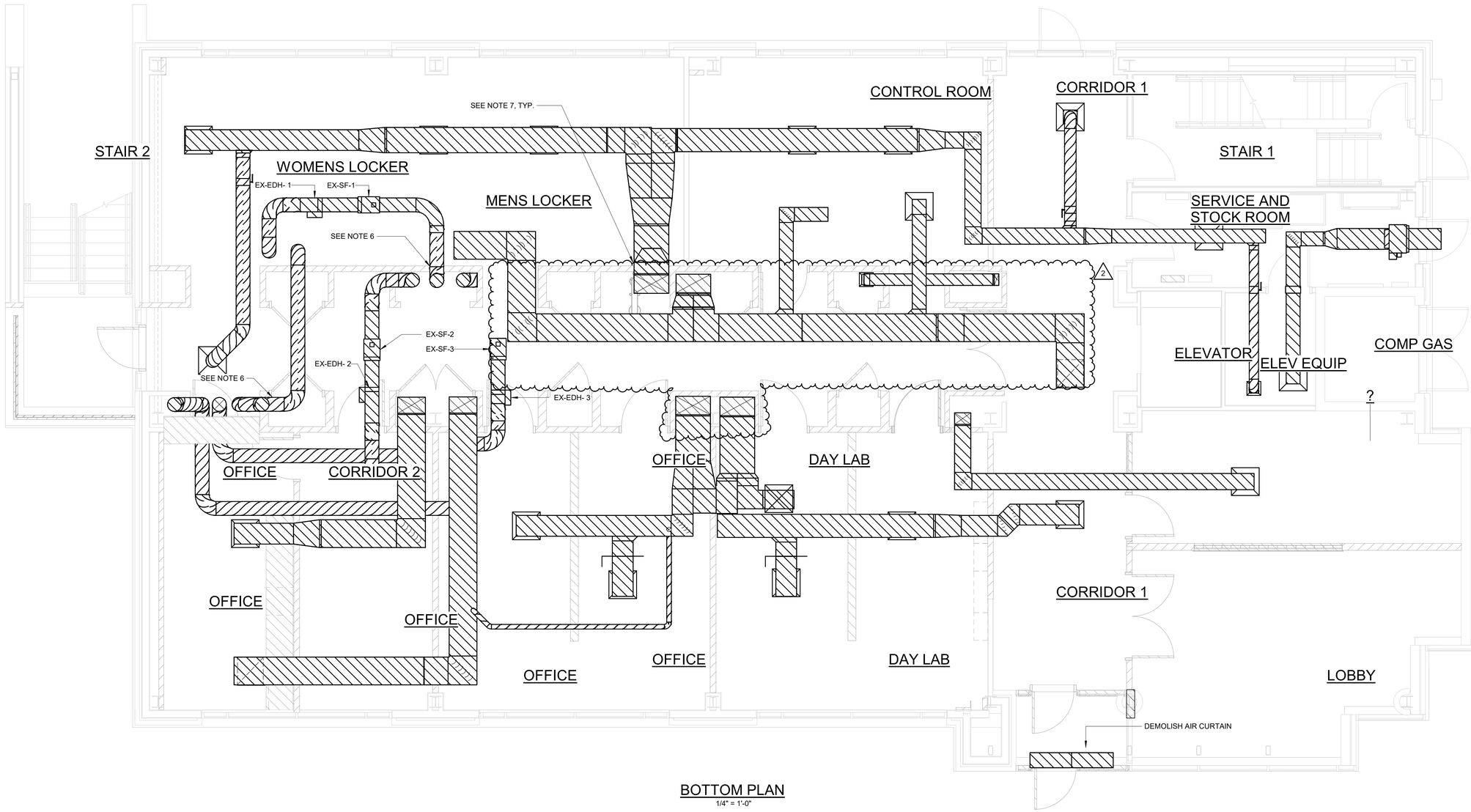
PLANT NORTH

N

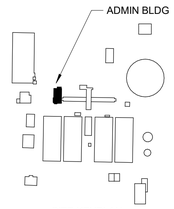
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NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DUCTWORK AND ASSOCIATED APPURTENANCES. CONTRACTOR SHALL REMOVE AND DEMOLISH EQUIPMENT AS INDICATED.
2. PLANS ARE BASED ON RECORD DRAWINGS AND DO NOT INDICATE ALL POTENIAL CONFLICTS. CONTRACTOR SHALL NOTIFY ENGINEER OF SIGNIFICANT DIFFERENCES BETWEEN EXISTING CONDITIONS AND PLANS.
3. REMOVE AND PROPERLY DISPOSE OF ALL EXISTING SUPPLY AND RETURN GRILLES IN THE LAY-IN CEILING.
4. REMOVE AND PROPERLY DISPOSE OF ALL INSULATION AROUND ACCESSIBLE RETAINED DUCT.
5. REMOVE AND PROPERLY DISPOSE OF THERMOSTATS
6. REMOVE AND PROPERLY DISPOSE OF PREP LAB HOOD DUCT BACK TO CHASE. CAP AND WEATHER SEAL OPENING.
7. REMOVE AND PROPERLY DISPOSE OF DUCT BACK TO A FITTING OR THE MAIN TRUNK.



BOTTOM PLAN
1/4" = 1'-0"



SITE KEYPLAN

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV		DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMIN BUILDING
HVAC
BOTTOM PLAN DEMOLITION

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H8002

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-HVAC.rvt
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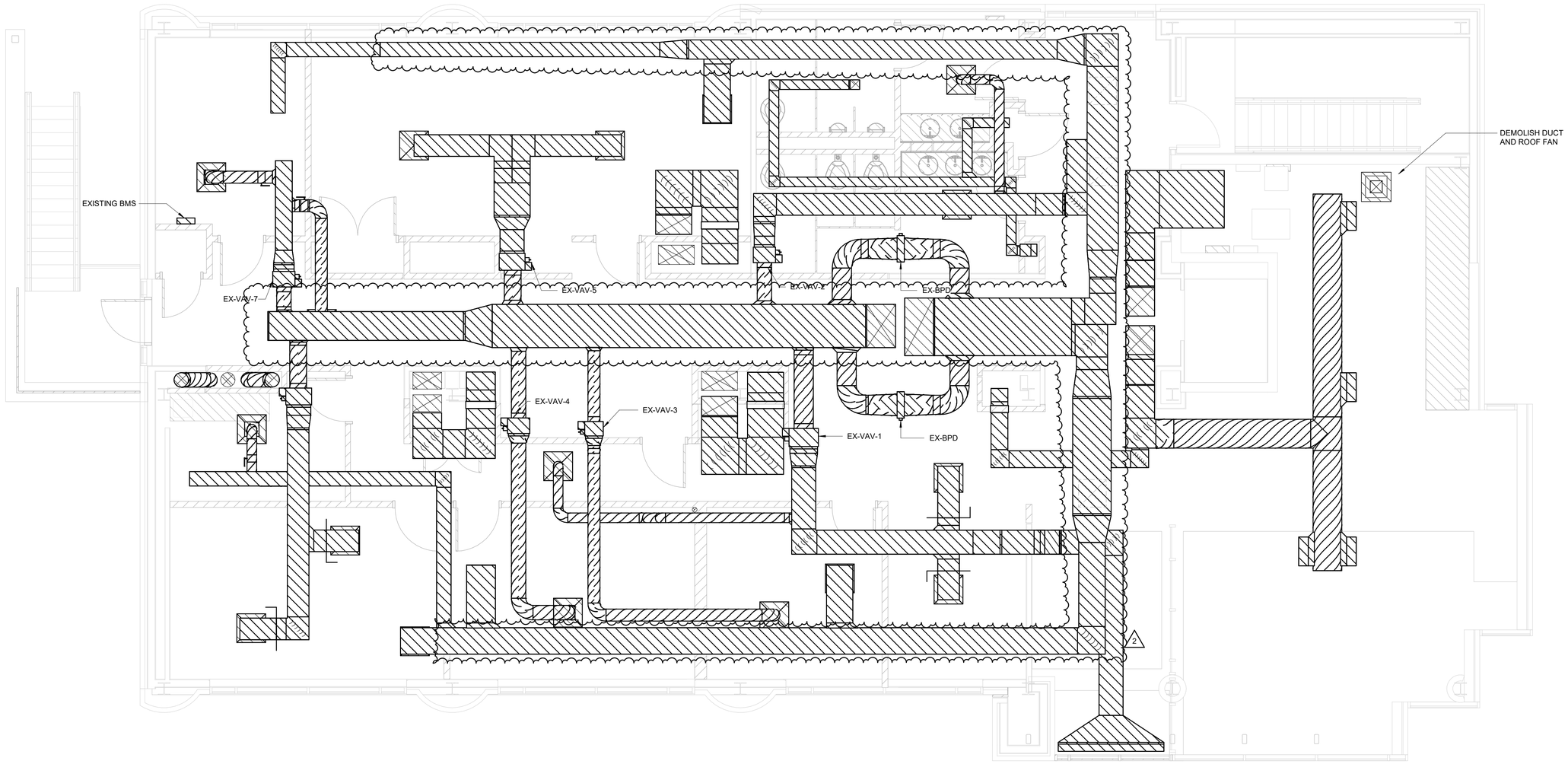
PLANT NORTH

N

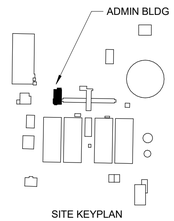
THESE DRAWINGS ARE NOT COMPREHENSIVE AND ARE PROVIDED FOR GENERAL INFORMATION ONLY. THEY ARE INCLUDED AS A REFERENCE TO DEMONSTRATE A GENERAL SCOPE OF STRUCTURES AND EQUIPMENT TO BE IMPROVED.

NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DUCTWORK AND ASSOCIATED APPURTENANCES. CONTRACTOR SHALL REMOVE AND DEMOLISH EQUIPMENT AS INDICATED.
2. PLANS ARE BASED ON RECORD DRAWINGS AND DO NOT INDICATE ALL POTENIAL CONFLICTS. CONTRACTOR SHALL NOTIFY ENGINEER OF SIGNIFICANT DIFFERENCES BETWEEN EXISTING CONDITIONS AND PLANS.
3. PATCH UNUSED DUCT OPENINGS IN RETAINED DUCT.
4. REMOVE AND PROPERLY DISPOSE OF ALL EXISTING SUPPLY AND RETURN GRILLES IN THE LAY-IN CEILING.
5. REMOVE AND PROPERLY DISPOSE OF ALL INSULATION AROUND ACCESSIBLE RETAINED DUCT.
6. REMOVE AND PROPERLY DISPOSE OF THERMOSTATS
7. REMOVE AND PROPERLY DISPOSE OF DUCT BACK TO A FITTING OR THE MAIN TRUNK.



INTERMEDIATE PLAN
1/4" = 1'-0"



SITE KEYPLAN

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

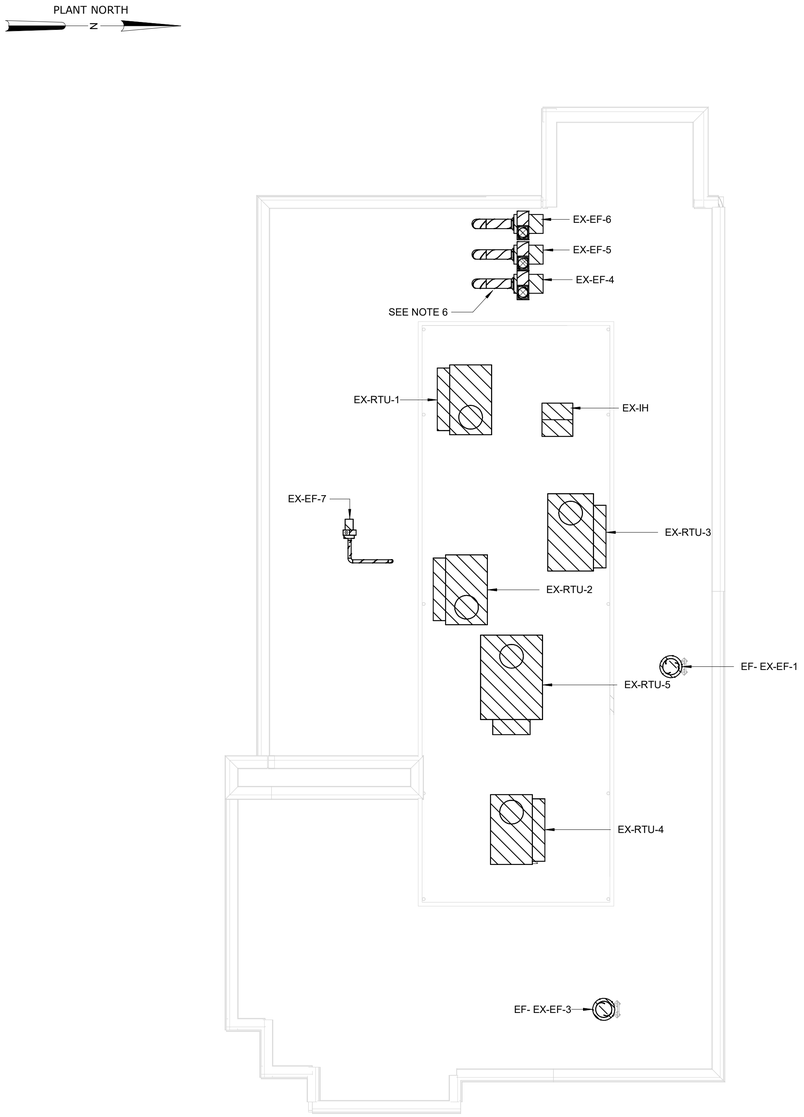
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMIN BUILDING
HVAC
INTERMEDIATE PLAN DEMOLITION

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H8003

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-HVAC.rvt
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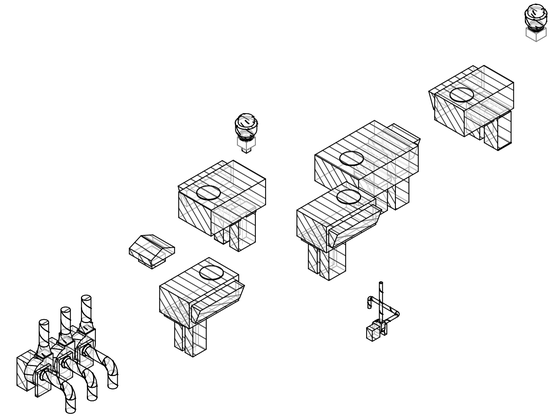
PLANT NORTH



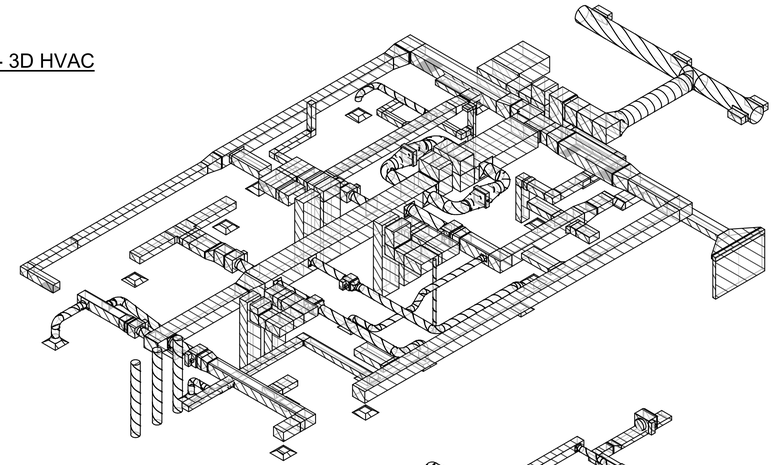
ROOF PLAN DEMOLITION
1/8" = 1'-0"

NOTES:

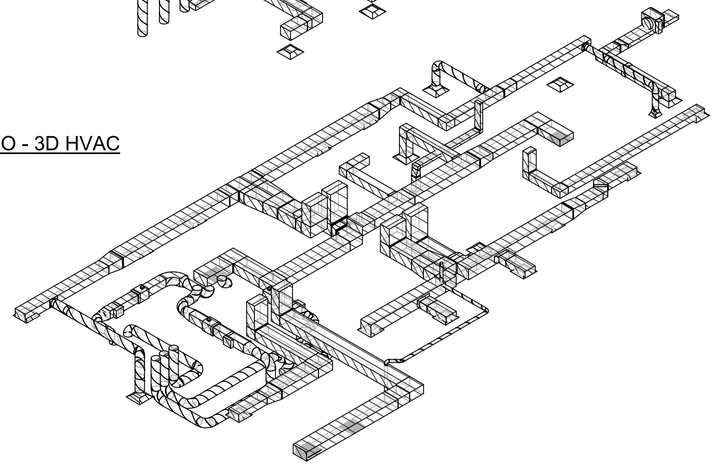
1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DUCTWORK AND ASSOCIATED APPURTENANCES. CONTRACTOR SHALL REMOVE AND DEMOLISH EQUIPMENT AS INDICATED.
2. PLANS ARE BASED ON RECORD DRAWINGS AND DO NOT INDICATE ALL POTENIAL CONFLICTS. CONTRACTOR SHALL NOTIFY ENGINEER OF SIGNIFICANT DIFFERENCES BETWEEN EXISTING CONDITIONS AND PLANS.
3. REMOVE AND PROPERLY DISPOSE OF ROOFTOP AIR HANDLERS INIDCATED. REMOVE AND PROPERLY DISPOSE OF OR REPAIR GRATED WALK AND EQUIPMENT MOUNTING.
4. REMOVE AND PROPERLY DISPOSE OF CONDENSATE PIPING.
5. REMOVE AND PROPERLY DISPOSE OF GAS PIPING ON ROOF UP TO ROOFLINE AND CAP FOR REUSE, SEE PLUMBING PLANS.
6. REMOVE AND PROPERLY DISPOSE OF PREP LAB HOOD EXHAUST FAN. CAP AND WEATHER SEAL DUCT AT ELBOW.



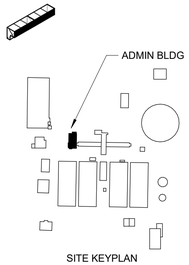
ROOF DEMO - 3D HVAC



2ND FLOOR DEMO - 3D HVAC



1ST FLOOR DEMO - 3D HVAC



SITE KEYPLAN

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMIN BUILDING
HVAC
ROOF PLAN DEMOLITION & ISOMETRIC

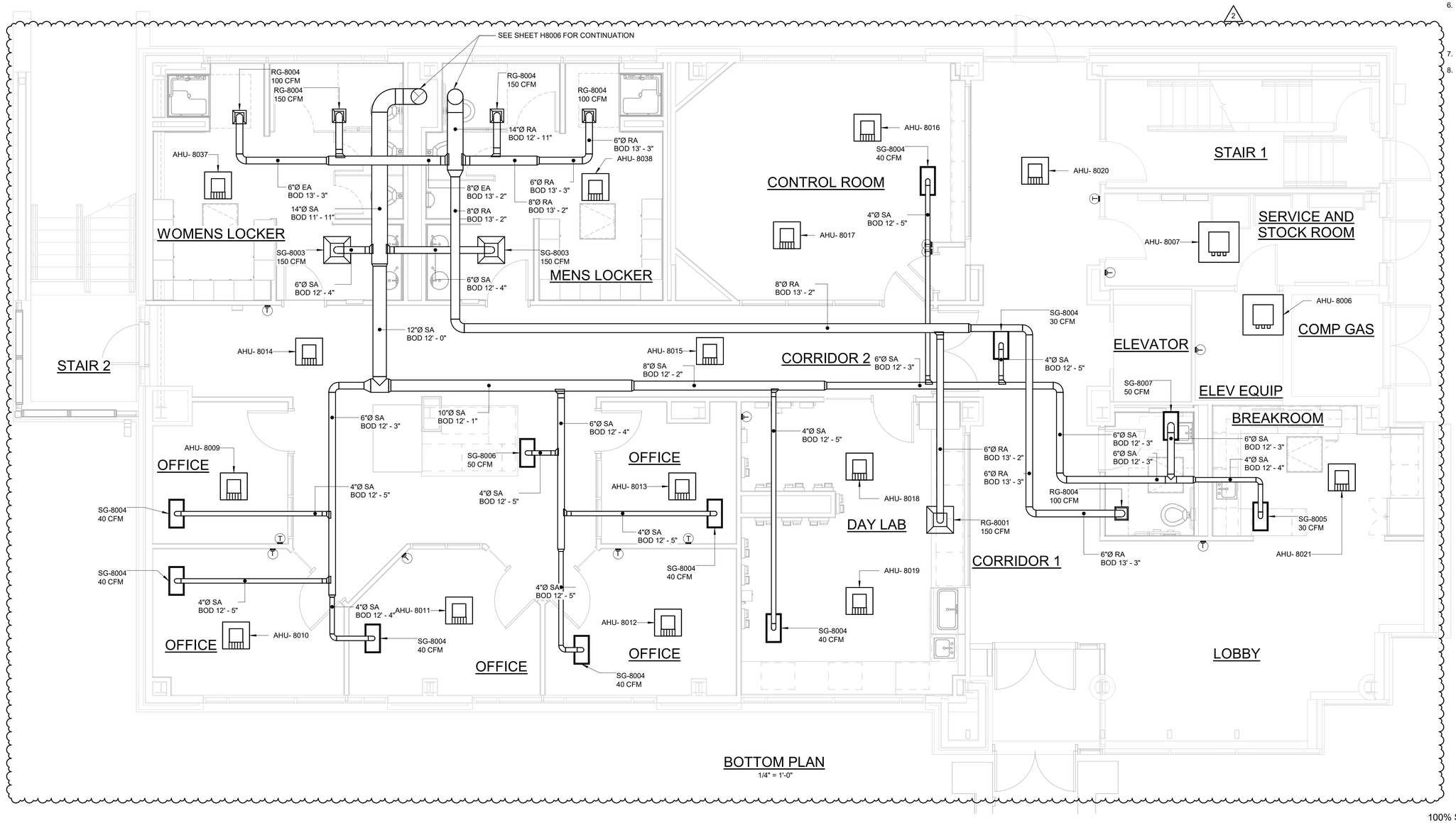
DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H8004

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-HVAC.rvt
7/7/2026 8:27:18 AM

NOTES:

1. CONNECT DUCT INTO EXISTING SYSTEM. FIELD VERIFY EXISTING SIZE.
2. PROVIDE NEW INSULATION FOR ALL ACESSIBLE DUCT, EXISTING AND NEW IN ACCORDANCE WITH SPECIFICATION 23 07 00 - HVAC INSULATION.
3. PROVIDE VOLUME DAMPERS AT THE BRANCH TAKEOFFS FROM THE TRUNK FOR EACH SUPPLY & RETURN.
4. PROVIDE ALL RETAINED DUCTWORK WITH NEW INSULATION AND JACKETING.
5. MAINTAIN ALL SMOKE/AIR BARRIER RATINGS. REPAIR UNUSED BARRIER OPENINGS, SEAL NEW OPEININGS AROUND DUCT TO MAINTAIN BARRIER.
6. MAINTAIN ALL FIRE WALL RATINGS. COORDINATE WITH ARCHITECTURAL PLANS FOR WALL RATINGS AND LOCATIONS. PROVIDE FIRE DAMPERS AS REQUIRED. PROVIDE DUCT ACCESS DOORS TO SERVICE FIRE DAMPERS.
7. CAP AND REPAIR UNUSED OPEINGS IN EXISTING DUCT.
8. NEW LAB HOODS SHALL BE LINKED BACK INTO EXISTING HOOD CONTROLS FOR EXHAUST AND MAKEUP/ REPLACEMENT AIR FANS.

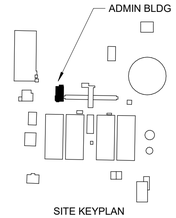
2



BOTTOM PLAN
1/4" = 1'-0"

LEGEND:

- EXISTING SMOKE/ AIR BARRIER
- 1 HR RATED WALL
- 2 HR RATED WALL



SITE KEYPLAN

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMIN BUILDING
HVAC
BOTTOM PLAN

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H8005

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PLANT NORTH

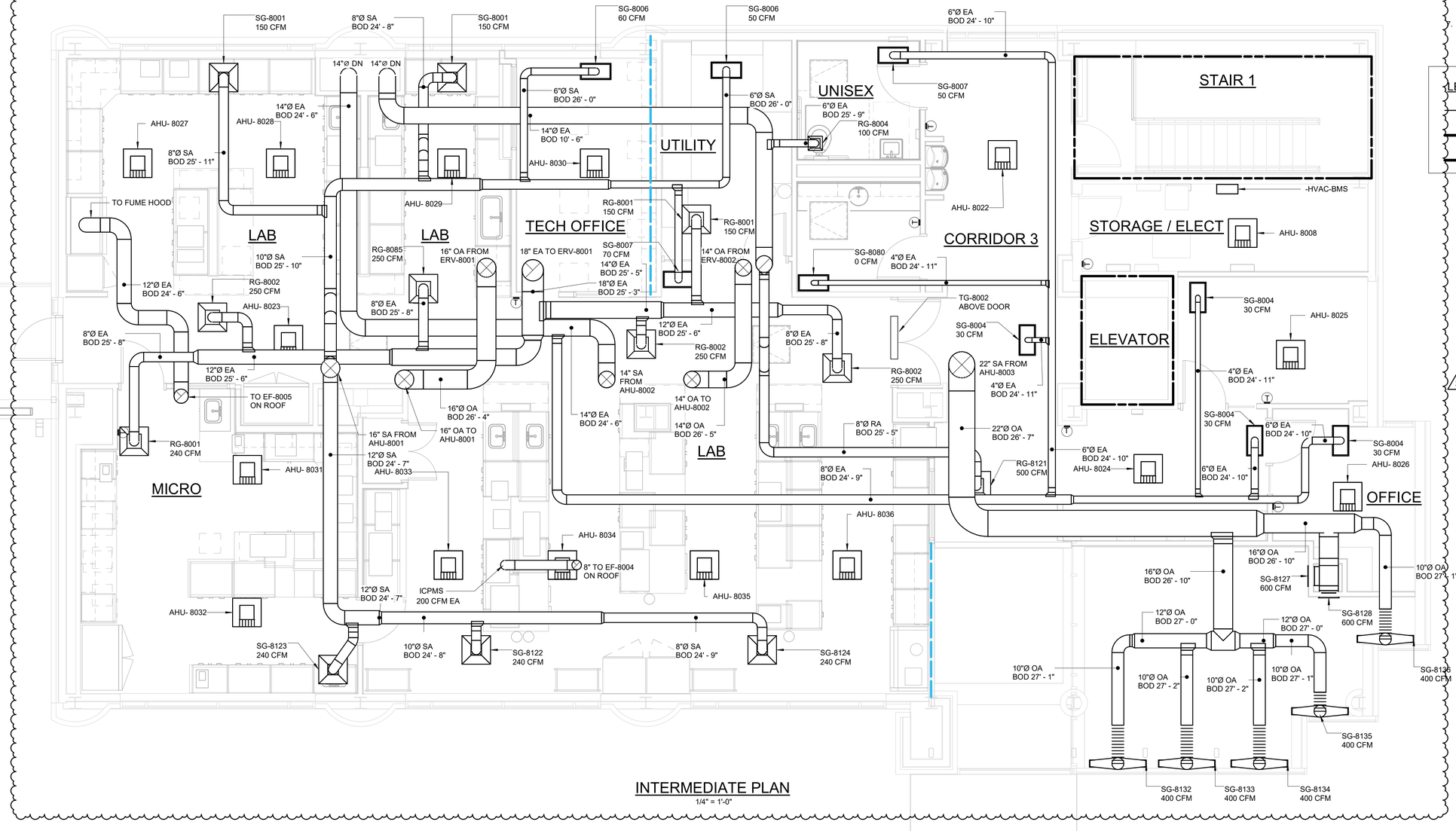
N

NOTES:

1. CONNECT DUCT INTO EXISTING SYSTEM. FIELD VERIFY EXISTING SIZE.
2. PROVIDE NEW INSULATION FOR ALL ACESSIBLE DUCT, EXISTING AND NEW IN ACCORDANCE WITH SPECIFICATION 23 07 00 - HVAC INSULATION.
3. PROVIDE VOLUME DAMPERS AT THE BRANCH TAKEOFFS FROM THE TRUNK FOR EACH SUPPLY & RETURN.
4. PROVIDE ALL RETAINED DUCTWORK WITH NEW INSULATION AND JACKETING.
5. MAINTAIN ALL SMOKE/AIR BARRIER RATINGS. REPAIR UNUSED BARRIER OPENINGS, SEAL NEW OPEININGS AROUND DUCT TO MAINTAIN BARRIER.
6. MAINTAIN ALL FIRE WALL RATINGS. COORDINATE WITH ARCHITECTURAL PLANS FOR WALL RATINGS AND LOCATIONS. PROVIDE FIRE DAMPERS AS REQUIRED. PROVIDE DUCT ACCESS DOORS TO SERVICE FIRE DAMPERS.
7. CAP AND REPAIR UNUSED OPENINGS IN EXISTING DUCT.

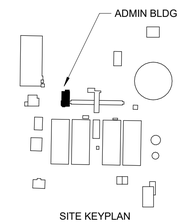
LEGEND:

- EXISTING SMOKE/ AIR BARRIER
- 1 HR RATED WALL
- 2 HR RATED WALL



INTERMEDIATE PLAN

1/4" = 1'-0"



SITE KEYPLAN

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMIN BUILDING
HVAC
INTERMEDIATE PLAN

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H8006

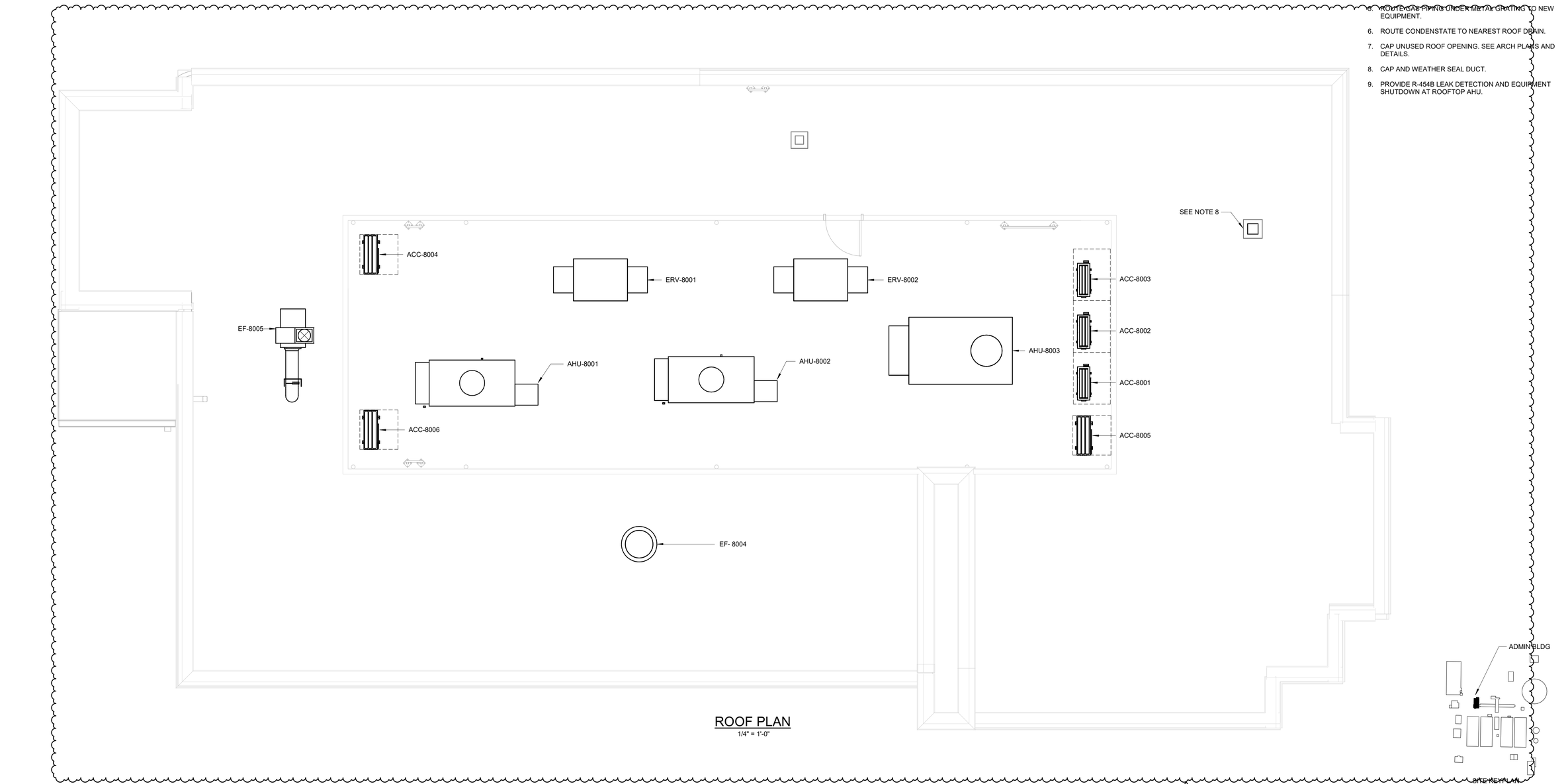
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PLANT NORTH

N

NOTES:

1. CONNECT DUCT INTO EXISTING SYSTEM. FIELD VERIFY EXISTING SIZE.
2. PROVIDE NEW INSULATION FOR ALL ACESSIBLE DUCT, EXISTING AND NEW IN ACCORDANCE WITH SPECIFICATION 23 07 00 - HVAC INSULATION.
3. PROVIDE VOLUME DAMPERS AT THE BRANCH TAKEOFFS FROM THE TRUNK FOR EACH SUPPLY & RETURN.
4. CONNECT NEW ROOFTOP EQUIPMENT INTO EXISTING DUCT DROPS.
5. ROUTE GAS PIPING UNDER METAL GRATING TO NEW EQUIPMENT.
6. ROUTE CONDENSTATE TO NEAREST ROOF DRAIN.
7. CAP UNUSED ROOF OPENING. SEE ARCH PLANS AND DETAILS.
8. CAP AND WEATHER SEAL DUCT.
9. PROVIDE R-454B LEAK DETECTION AND EQUIPMENT SHUTDOWN AT ROOFTOP AHU.



ROOF PLAN
1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

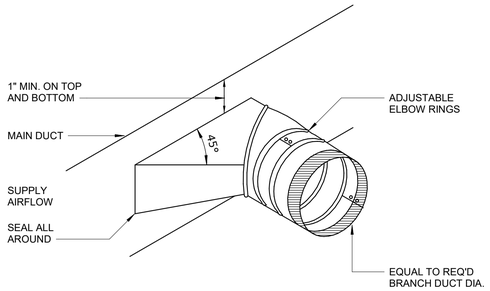
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

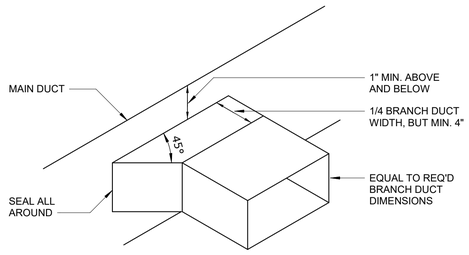
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMIN BUILDING
HVAC
ROOF PLAN

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	H8007

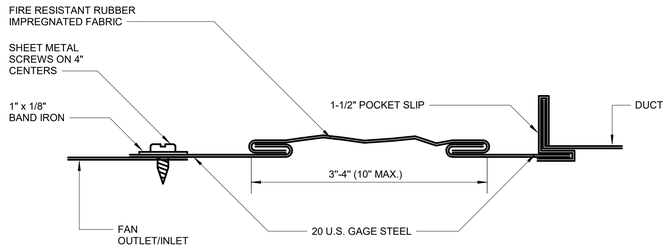
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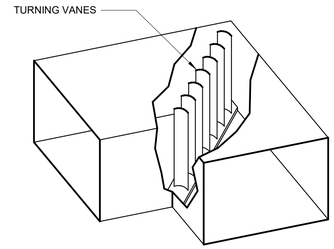
TYPICAL BRANCH TAKE-OFF

H-23-0103



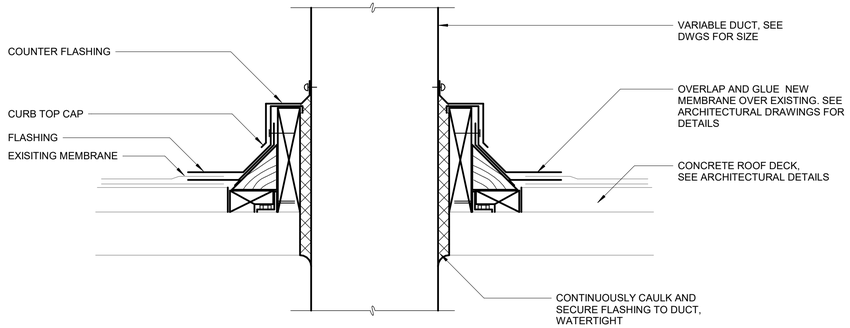
TYPICAL FLEXIBLE CONNECTION

H-23-0107



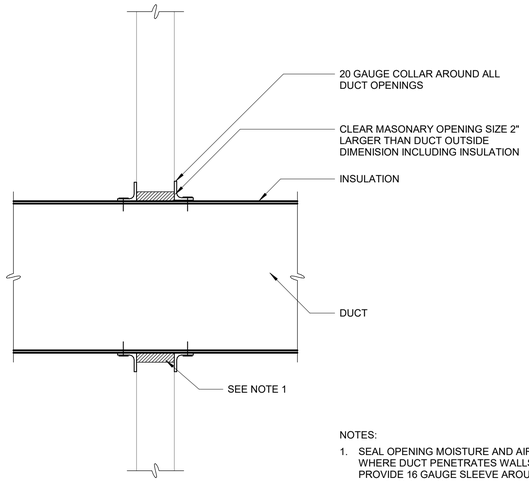
MITERED ELBOW

H-23-0109



DUCT PENETRATION ROOF

H-23-0203

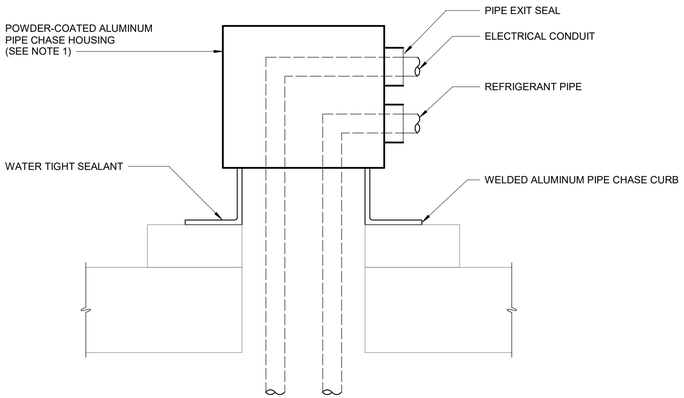


NOTES:

1. SEAL OPENING MOISTURE AND AIRTIGHT WHERE DUCT PENETRATES WALLS. PROVIDE 16 GAUGE SLEEVE AROUND ENTIRE OPENING.

DUCT PENETRATION WALL

H-23-0204

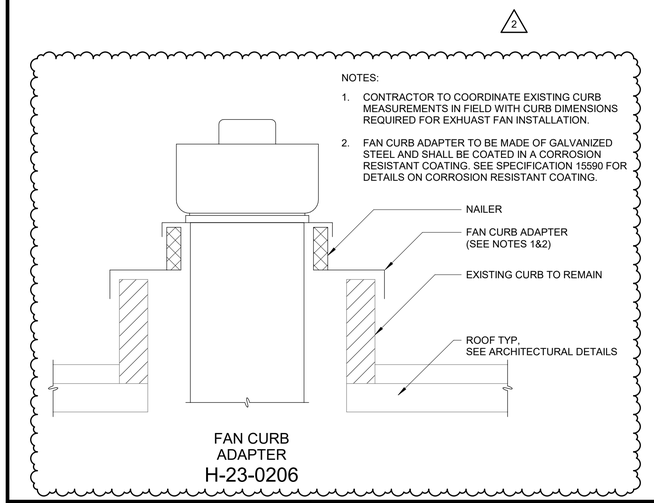


NOTES:

1. CONTRACTOR SHALL PROVIDE THE PIPE CASE HOUSING OR SIMILAR CASING FOR REFRIGERANT PIPING AND ELECTRICAL CONDUITS AT ROOF PENETRATION.

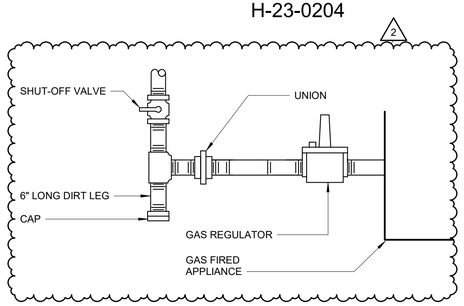
REFRIGERANT PIPE PENETRATION

H-23-0205



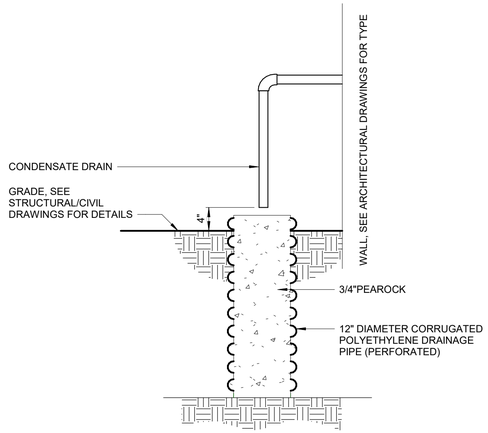
FAN CURB ADAPTER

H-23-0206



GAS FIRED APPLIANCE CONNECTION

P-22-0107



CONDENSATE DRYWELL

P-22-0221

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TEH
1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

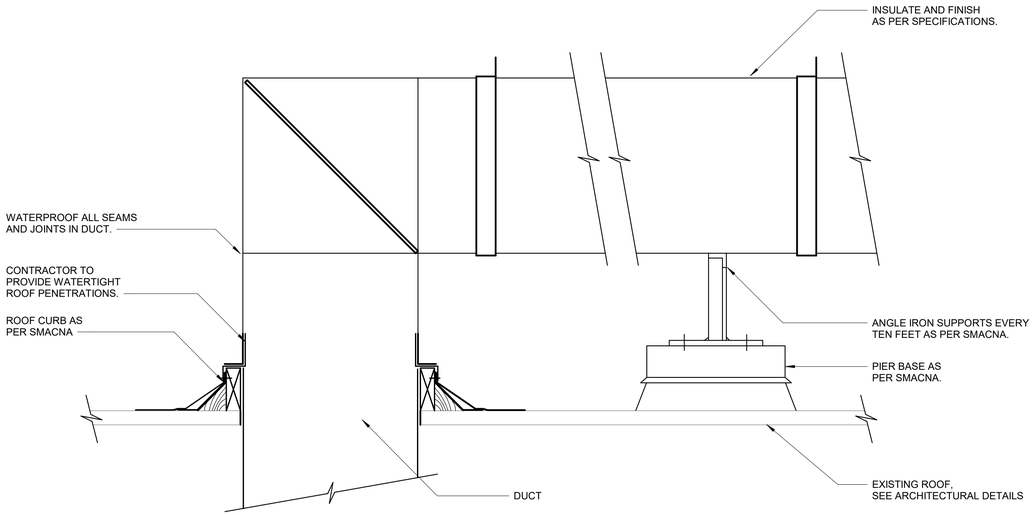
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

HVAC
HVAC DETAILS

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	HD1

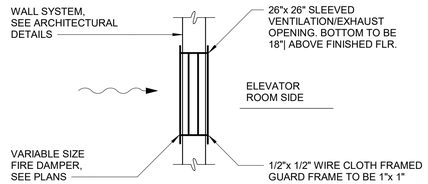
Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-HVAC.rvt
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NOTE: PENETRATIONS THROUGH SKYLIGHTS SHALL BE MADE WATERPROOF. SEAL OPEN AREAS OF SKYLIGHT WITH SHEETMETAL AND PROVIDE SHEETMETAL CANT ANGLED TO DRAIN WATER AWAY FROM DUCT PENETRATION AND ONTO ROOF. ALL PENETRATIONS SHALL BE MADE IN ACCORDANCE WITH SMACNA MANUAL OR AS APPROVED BY THE CONTRACTING OFFICER.

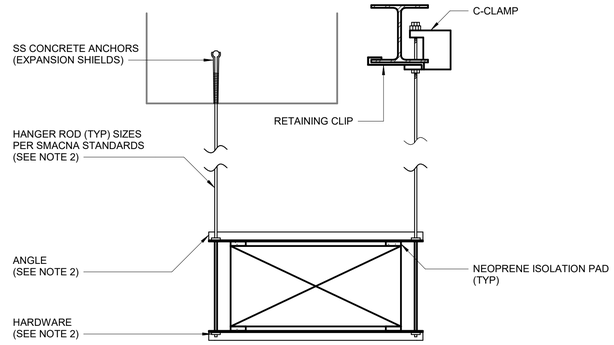
DOUBLE ROOF PENETRATION & SUPPORT

H-23-0212



TRANSFER OPENING

H-23-0213

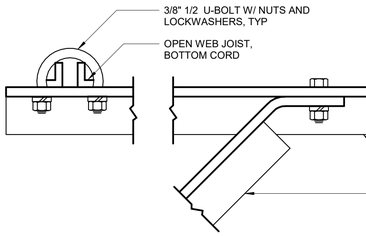


NOTES:

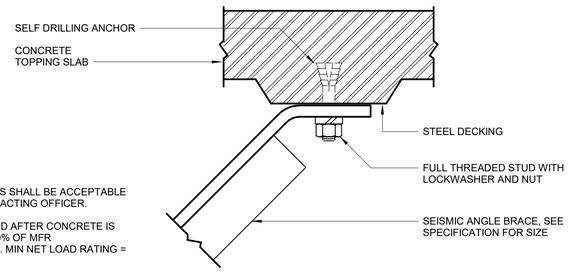
1. SEAL OPENING MOISTURE AND AIRTIGHT WHERE DUCT PENETRATES WALLS. PROVIDE 16 GAUGE SLEEVE AROUND ENTIRE OPENING.
2. SUPPORT MATERIALS SHALL MATCH DUCT MATERIALS.

DUCT HANGING

H-23-0301



SEISMIC BRACE ATTACHMENT FROM JOIST



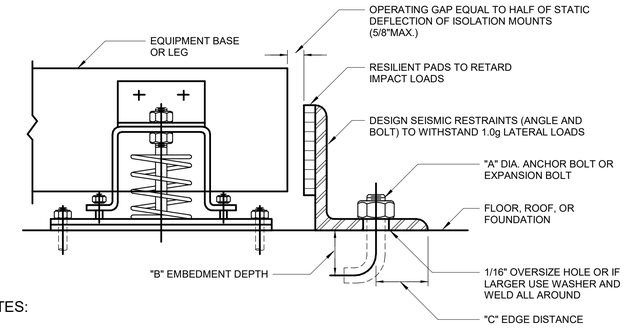
NOTES:

1. CAST IN PLACE ANCHORS SHALL BE ACCEPTABLE IF APPROVED BY CONTRACTING OFFICER.
2. ANCHOR BOLT INSTALLED AFTER CONCRETE IS POURED. MAX LOAD = 50% OF MFR RECOMMENDED RATING. MIN NET LOAD RATING = 125 LBS EACH.

SEISMIC BRACE ATTACHMENT FROM METAL DECK WITH CONCRETE SLAB

SEISMIC ANGLE BRACING

H-23-0504

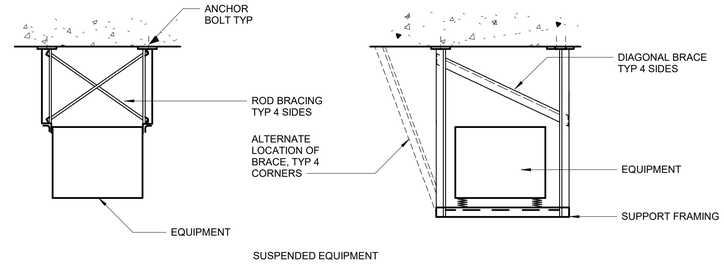


NOTES:

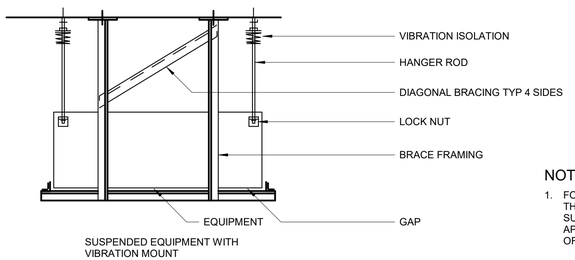
1. INSTALL LATERAL SEISMIC RESTRAINTS ON ALL FOUR CORNERS OF THE EQUIPMENT BASE.
2. ISOLATION MOUNTS SHALL BE DESIGNED TO WITHSTAND 1.0g LOADS IN THE VERTICAL DIRECTION ONLY.

LATERAL SEISMIC RESTRAINT

H-23-0505



SUSPENDED EQUIPMENT



SUSPENDED EQUIPMENT WITH
VIBRATION MOUNT

NOTES:

1. FOR EQUIPMENT WEIGHING MORE THAN 100 LBS, CONTRACTOR SHALL SUBMIT SUPPORT DETAILS FOR APPROVAL BY CONTRACTING OFFICER PRIOR TO INSTALLATION.

TYPICAL SEISMIC RESTRAINT AND SUPPORTS FOR EQUIPMENT

H-23-0506

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1	CONFORMED DRAWINGS	03-13-25	TEH

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	T. MONAHAN
DRAWN BY:	P. GREER
PROJECT ENGINEER:	T. MONAHAN
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

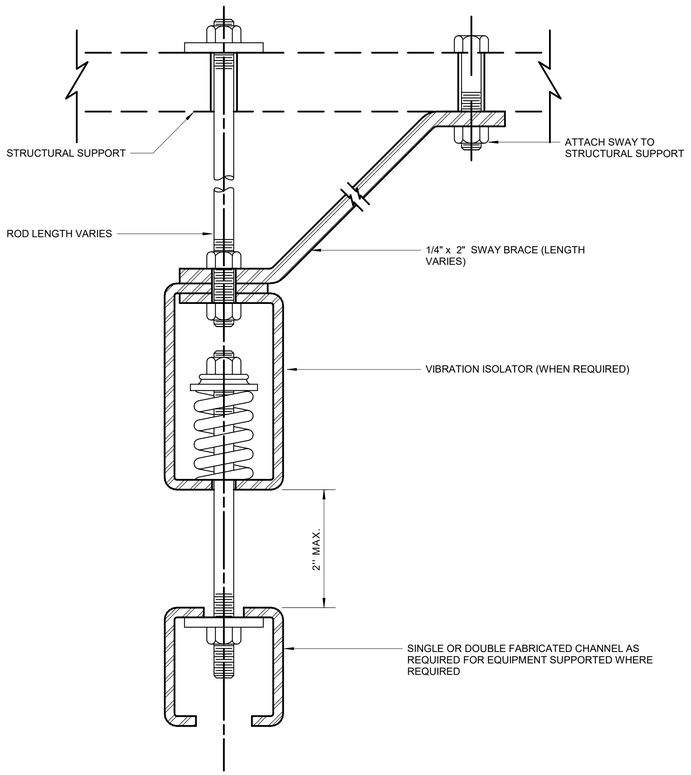
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

HVAC
HVAC DETAILS

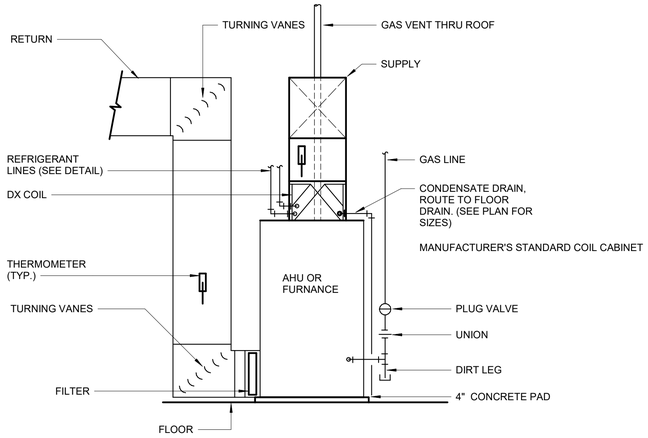
DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	HD2

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-HVAC.rvt
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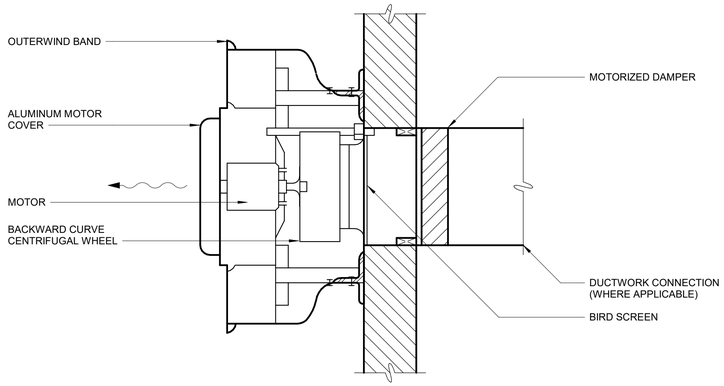
SEISMIC SWAY BRACE

H-23-0516



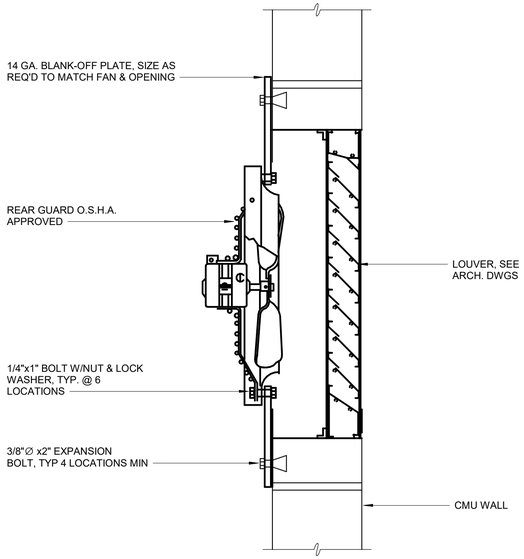
GAS FIRE AIR HANDLER

H-23-0603



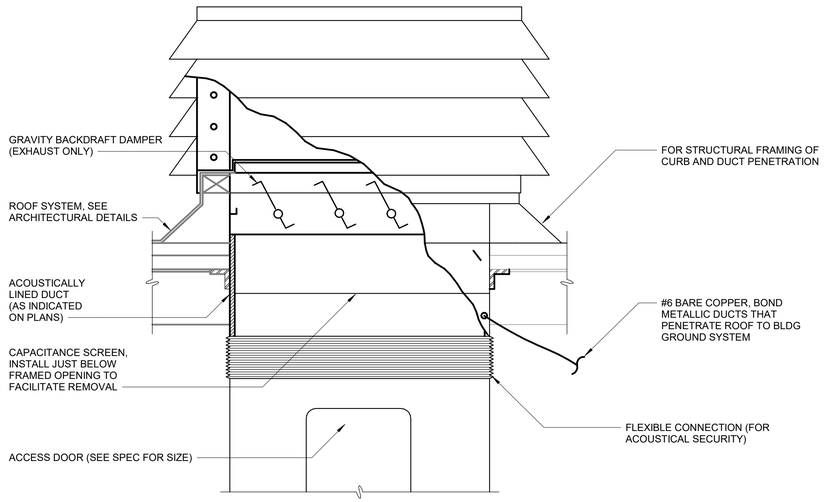
CENTRIFUGAL WALL EXHAUST FAN

H-23-0610



PROPELLER FAN C

H-23-0617



INLET OR EXHAUST PENTHOUSE

H-23-0620

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1	CONFORMED DRAWINGS	03-13-25	TEH

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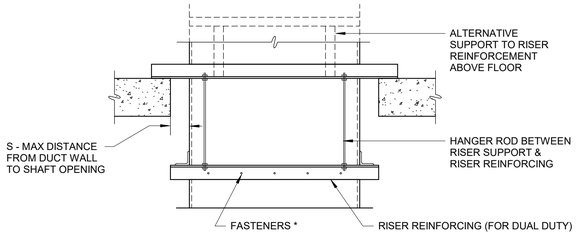
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

HVAC
HVAC DETAILS

DATE:	JUNE 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	HD3

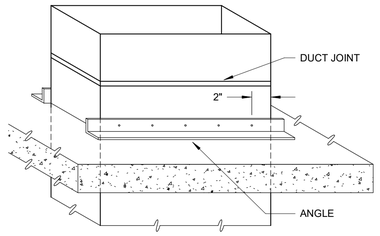
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* MINIMUM NUMBER OF FASTENERS ON EACH OF TWO SUPPORT BARS

LARGEST DUCT DIM.	MINIMUM NUMBER OF FASTENERS
16" AND DOWN	2
17" - 24"	3
OVER 24"	LARGEST DUCT DIM. DIVIDED BY 8

LOCATE A FASTENER WITHIN 2" OF THE DUCT EDGES. LOCATE OTHERS AT EVENLY SPACED INTERVALS



SUPPORT RISERS SO THAT THEY ARE IN TENSION

SUGGESTED SIZING FOR SUPPORT OF 12 FT. DUCT

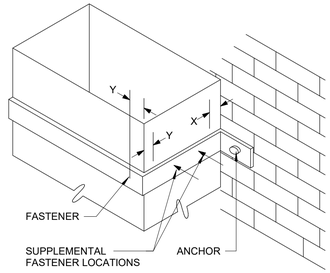
DUCT SIZE	ANGLE
36" x 18"	1 1/2" x 1 1/2" x 1/8"
48" x 24"	1 1/2" x 1 1/2" x 1/8"
60" x 30"	1 1/2" x 1 1/2" x 3/16"
60" x 60"	1 1/2" x 1 1/2" x 1/4" OR 2" x 2" x 1/8"

OVER 60" - INCREASE ANGLE SIZE AS REQUIRED FOR SPACE & DUCT SIZE

FOR DUCTS UP TO 96" - S = 6" MAX.
FOR DUCTS OVER 96" - S = 8" MAX.
SELECT A PAIR OF ANGLES EACH OF WHICH HAS A CAPACITY OF AT LEAST 50% OF THE DUCT WEIGHT BEING SUPPORTED

DUCT RISER SUPPORT - RECT - FLOOR

1 1/2" = 1'-0"

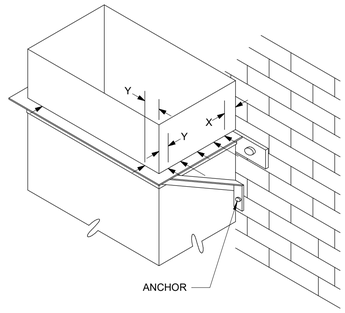


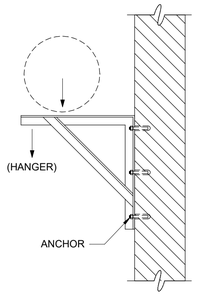
SUGGESTED SIZING

DUCT SIZE	BAND
18"x12"	1 1/2"x16 GA.
24"x20"	1"x1/8"

DUCT GAUGE	ALLOWABLE LOAD PER FASTENER*
28, 26	25 LB
24, 22, 20	35 LB
18, 16	50 LB

* WELD, BOLT OR NO. 8 SCREW (MIN.) DEVIATION PERMITTED BY OTHER ANALYSIS. X=1", Y=2"; ADD OTHERS TO ACCOMODATE LOAD. MINIMUM OF 3 ON 24" WIDTH AND UP. ADD ALONG SIDES NEAREST ANCHORS.





SEE KNEE BRACKET TABLES IN THE ROUND INDUSTRIAL STDS.

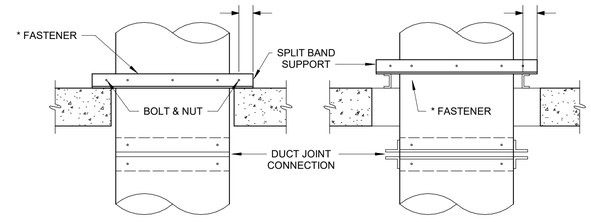
DUCT SIZE	ANGLE
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48" x 24"	1" x 1" x 1/8"
60" x 30"	1 1/4" x 1 1/4" x 1/8"
60" x 60"	1 1/4" x 1 1/4" x 1/8"

NOTES:

1. BRACKETS ARE SIZED FOR 12 FT. OF DUCT, MAXIMUM.
2. LOCATE DUCTS AGAINST WALL OR MAXIMUM OF 2" AWAY FROM WALL.
3. EACH WALL ANCHOR SHALL SATISFY THE FOLLOWING CRITERIA UNLESS OTHER ANALYSIS IS MADE:
   A. TENSILE LOAD = 3/8 x DUCT WEIGHT; SAFETY FACTOR 4.
   B. SHEAR LOAD x 1/2 x DUCT WEIGHT; SAFETY FACTOR 4.

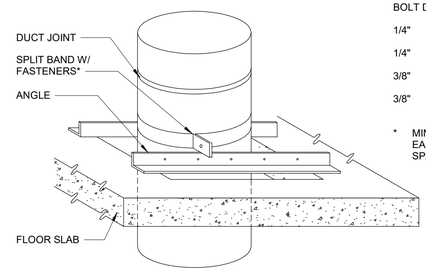
DUCT RISER SUPPORT - WALL

1" = 1'-0"



SPLIT BAND SUPPORT DIRECTLY ON FLOOR SLAB

SPLIT BAND SUPPORT BY SUPPLEMNETAL ANGLE OR CHANNEL SPANNING THE SLAB OPENING. USE AISC STEEL HANDBOOK FORMULA FOR SIZING BEAMS WITH TWO CONCENTRATED LOADS.



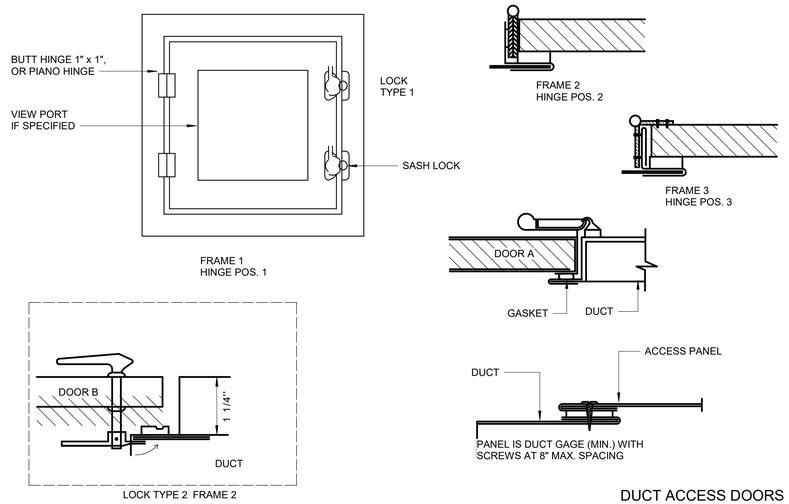
SUGGESTED SIZING FOR SPLIT BAND SUPPORT FOR 12 FT OF DUCT

BOLT DIA.	BAND SIZE	DUCT DIA.
1/4"	1" x 16 GA	UP TO 12" DIA 24 GA
1/4"	1 1/2" x 16 GA	13" TO 24" DIA 20 GA
3/8"	2" x 16 GA	25" TO 36" DIA 20 GA
3/8"	2" x 10 GA	37" TO 60" DIA 18 GA

* MINIMUM OF TWO FASTENERS IN EACH HALF OF BAND. OTHERWISE SPACE THEM AT 8"

DUCT RISER SUPPORT - ROUND - FLOOR

1 1/2" = 1'-0"



DUCT ACCESS DOORS

H-23-0102

	DOOR SIZE	NO. HINGES	NO. LOCKS	METAL GAGE FRAME	METAL GAGE DOOR	METAL GAGE BACK
2" W.G. STATIC AND LESS	12" x 12"	2	1-S	24	26	26
	16" x 20"	2	2-S	22	24	26
	24" x 24"	3	2-S	22	22	26
3" W.G. STATIC	12" x 12"	2	1-S	22	22	26
	16" x 20"	2	1-S,1-T,1-B	20	20	26
	24" x 24"	3	2-S,1-T,1-B	20	20	24
4" W.G. TO 10" W.G.	12" x 12"	2	1-S,1-T,1-B	20	20	26
	16" x 20"	3	2-S,1-T,1-B	18	18	24
	24" x 24"	3	2-S,2-T,2-B	18	18	24
S = SIDE OPPOSITE HINGES, T = TOP, B = BOTTOM						

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CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

HVAC
HVAC DETAILS

DATE:	JUNE 2026
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CONTRACT NO.:	1
DRAWING NUMBER:	HD4

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ABBREVIATIONS

AC	ACETYLENE GAS	HR	HOSE REEL	UP	UP TO FLOOR ABOVE
AD	AREA DRAIN	HW	HOT WATER	UL	UNDERWRITERS LABORATORY
AR	ARGON GAS	HWC	HOT WATER RECIRCULATION	UR	URINAL
AFF	ABOVE FINISHED FLOOR	HWH	HOT WATER HEATER	V	VENT
AV	ACID VENT	HPWW	HIGH PRESSURE WASH WATER	VA	VALVE
AW	ACID WASTE	GV	GATE VALVE	VAC	VACUUM
BFG	BELOW FINISHED GRADE	HP	HORSEPOWER	VB	VACUUM BREAKER
BFP	BACKFLOW PREVENTER	IE	INVERT ELEVATION	VIV	VALVE IN VERTICAL
BFV	BUTTERFLY VALVE	IN	INCH	VTR	VENT THROUGH ROOF
BLDG	BUILDING	IW	INDIRECT WASTE	W	WASTE
CA	COMPRESSED AIR	IWH	INSTANT WATER HEATER	WC-1	WATER CLOSET TYPE 1
CC	CENTER TO CENTER	IRI	INDUSTRIAL RISK INSURANCE	WCO	WALL CLEAN OUT
CFM	CUBIC FEET PER MINUTE	JST	JOIST	WFD	WATER FLOW DETECTOR
CI	CAST IRON	LAV1	LAVATORY TYPE 1	WFU	WATER FIXTURE UNIT
CO	CLEAN OUT	LB	POUND	WH	WALL HYDRANT
COL	COLUMN	MAX	MAXIMUM	WHA	WATER HAMMER ARRESTER
CPLG	COUPLING	MIN	MINIMUM	WFS	WATER FLOW SWITCH
CF	CUBIC FEET	MR	MOP RECEPTOR	WT	WEIGHT
CLG	CEILING	MSB	MOP SERVICE BASIN		
CU	COPPER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		
CV	CHECK VALVE	NG	NATURAL GAS		
CW	COLD WATER	NO	NITROUS OXIDE GAS		
DCH	DRY CREEK HEADWORKS	NPW	NON POTABLE WATER		
DFU	DRAINAGE FIXTURE UNIT	NRS	NON RISING STEM		
DI	DUCTILE IRON	NTS	NOT TO SCALE		
DIA	DIAMETER	OD	OUTSIDE DIAMETER		
DN	DOWN TO FLOOR BELOW	OI	OIL INTERSEPTOR		
DR	DRAIN	OSY	OUTSIDE SCREW AND YOKE		
DWV	DRAIN, WASTE AND VENT	PIV	POST INDICATOR VALVE		
DROP	DROP IN EXISTING STORY	PSI	POUNDS PER SQUARE INCH		
EL	ELEVATION	PSIG	POUNDS PER SQUARE INCH GAGE		
ES	EMERGENCY SHOWER	PVC	POLY VINYL CHLORIDE		
EW	EMERGENCY EYEWASH	PW	POTABLE WATER		
FAI	FRESH AIR INLET	RD1	ROOF DRAIN TYPE 1		
FD-1	FLOOR DRAIN TYPE 1	RISE	RISE IN EXISTING STORY		
FLR	FLOOR	RPM	REVOLUTIONS PER MINUTE		
FT	FEET	SAN	SANITARY		
FU	FIXTURE UNIT	SCH	SCHEDULE		
FIN	FINISHED	SD	STORM DRAIN		
FLG	FLANGE	SF	SQUARE FOOT		
FM	FACTORY MUTUAL	SPD	SUMP PUMP DISCHARGE		
FS	FLOW SWITCH	SS	SANITARY SEWER/ SERVICE SINK		
GPM	GALLONS PER MINUTE	TYP	TYPICAL		
GAL	GALLON	TW	TEMPERED WATER		
GC	GENERAL CONTRACTOR	TWS	TEMPERED WATER SUPPLY		
GCO	GRADE CLEAN OUT	TWR	TEMPERED WATER RETURN		
HB	HOSE BIBB	UON	UNLESS OTHERWISE NOTED		

SYMBOLS

- BALL VALVE
- BALL CHECK VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- SWING CHECK VALVE
- CONTROL VALVE
- DIAPHRAGM VALVE
- ES/EEW
- GATE VALVE
- GLOBE VALVE
- MOTOR OPERATED VALVE
- NEEDLE VALVE
- PINCH VALVE
- PLUG VALVE
- PRESSURE REDUCING VALVE
- PRESSURE RELIEF VALVE
- CLEANOUT
- FLOOR DRAIN
- FD-XXX-1 — QUANTITY DESIGNATION
  - BUILDING NUMBER (IF MULTIPLE)
  - EQUIPMENT DESIGNATION
- PIPE SIZE
- 3" V — PIPE SIZE
- XX'-XX" — CENTER LINE (CL) / INVERT (INV) FROM SEA LEVEL

LINETYPES

- PROPOSED ITEMS
- EXISTING ITEMS
- HIDDEN ITEMS
- DEMOLITION ITEMS
- CENTER LINE
- MATCH LINE
- 1-HR FIRE RATED WALL

GENERAL NOTES

1. WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS, AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK.
2. THE ENTIRE PLUMBING SYSTEM SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES:
   A. 2018 ARKANSAS PLUMBING CODE WITH APPENDICES B, C, D, & F.
   B. 2018 ARKANSAS FUEL GAS CODE WITH APPENDICES A, B, C, & D AND 2018 REVISIONS.
   C. 2014 ARKANSAS ENERGY CODE.
   D. 2021 ARKANSAS FIRE PREVENTION CODE VOL 1 & VOL 2.
3. THE PIPING INDICATED ON THESE PLANS ARE DIAGRAMMATIC. ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING WITH OTHER TRADES AND SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, TEES, ELBOWS, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.
4. THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, AND INSPECTIONS.
5. CONTRACTOR SHALL COORDINATE ANY PLUMBING OR PIPING SYSTEM SHUT DOWN WITH THE OWNER 48 HOURS IN ADVANCE.
6. ALL PLUMBING AND PIPING SYSTEMS SHALL BE SUPPORTED AS REQUIRED BY CODE REQUIREMENTS AND PER MANUFACTURERS RECOMMENDATIONS.
7. ALL PLUMBING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS. CONTRACTOR SHALL MAINTAIN ON-SITE THE WRITTEN INSTRUCTIONS FOR THE INSPECTOR'S REVIEW.
8. ALL PIPING PENETRATIONS THROUGH WALLS, AND FLOORS SHALL BE SEALED TO EQUAL THE RATING OF THE WALL OR FLOOR.
9. THE PLUMBING SYSTEM SHALL BE TESTED AS REQUIRED BY CODE OR BY THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTOR.
10. THE ENTIRE DOMESTIC WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH THE LOCAL HEALTH DEPARTMENT REQUIREMENTS AND AS SPECIFIED.
11. ROUTE ALL PIPING CONCEALED ABOVE CEILINGS, WITHIN WALLS OR IN CHASES EXCEPT AS SPECIFICALLY NOTED, OR IN MECHANICAL ROOMS.
12. SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
13. CONTRACTOR SHALL PROVIDE AND INSTALL WHEN REQUIRED BY CODE AN AIR GAP SERVING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES OR APPARATUS.
14. SEE SANITARY WASTE AND VENT RISER SCHEMATIC DIAGRAM FOR WASTE AND VENT PIPE SIZES.
15. SEE DOMESTIC WATER RISER SCHEMATIC DIAGRAM FOR DOMESTIC WATER PIPE SIZES.
16. CONTRACTOR SHALL PROVIDE WATER STOPS AT EACH FIXTURE.
17. SIZE AND LOCATION OF CLEANOUTS (AS WELL AS ALL PLUMBING WORK) SHALL BE IN ACCORDANCE WITH THE PLUMBING CODE.
18. PATCH ALL SURFACES DISTURBED DURING THE CONSTRUCTION OF PLUMBING COMPONENTS TO MATCH ADJACENT SURFACES. WORK SHALL BE DONE ONLY BY WORKMAN SKILLED IN THE TRADE INVOLVED AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
19. ALL CONCEALED VALVES, WATER HAMMER ARRESTORS, CLEANOUTS, ETC., CONCEALED IN WALLS SHALL BE PROVIDED WITH AN ACCESS PANEL SUCH AS ZURN MODEL ZN-1460 OR APPROVED EQUAL.
20. ALL CONCEALED PIPING IN CHASE AREAS SHALL BE SUPPORTED WITH A PIPING SUPPORT SYSTEM SUCH AS SUMNER POSIFIX, STAKFIX AND CHANNEL OR APPROVED EQUAL.
21. DO NOT ROUTE PLUMBING PIPE OVER OR IN FRONT OF ELECTRICAL PANELS, BREAKERS, ETC.
22. MINIMUM SLOPE OF DRAINPIPES SHALL BE 1/4" PER FOOT FOR PIPE SIZES EQUAL TO OR LESS THAN 2-1/2" AND 1/8" PER FOOT FOR 3" AND LARGER.
23. PIPE HANGERS SHALL BE EPOXY COATED OR HOT DIPPED GALVANIZED.
24. ALL HOSE BIBS SHALL BE PROVIDED WITH VACUUM BREAKER BFP.
25. THE SYMBOLS AND ABBREVIATIONS LIST ON THIS SHEET IS A COMPREHENSIVE STANDARD GUIDE INTENDED FOR GENERAL USE ON ALL PROJECTS. THEREFORE, NOT ALL THE SYMBOLS AND ABBREVIATIONS CONTAINED IN THIS LIST ARE NECESSARILY USED ON THIS PARTICULAR PROJECT AND SHOULD BE USED FOR CLARIFICATION ONLY.
26. REFER TO PROCESS MECHANICAL GENERAL SHEETS FOR DIAGRAMATIC VALVE SYMBOL TYPES.
27. COORDINATE FIRE RATED WALLS, FLOORS AND CAPS WITH ARCHITECTURAL DRAWINGS.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
PLUMBING
GENERAL NOTES, SYMBOLS & ABBREVIATIONS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P0001

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-PLUM.rvt
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PLUMBING BACKFLOW PREVENTER ASSEMBLY SCHEDULE

TAG	ASSEMBLY TYPE	HOT BOX MODEL	SYSTEM SERVED	MAKE	MODEL	NOMINAL SIZE (IN)	ACCESSORIES	DRAINAGE POSITION	DESIGN FLOW (GPM)	DESIGN PRESSURE LOSS (PSI)	INLET JOINT	OUTLET JOINT	VALVE TYPE	NOTES
BFP-3001	REDUCED PRESSURE ZONE	N/A	FILTER BUILDING - SECOND FLOOR POTABLE WATER	WATTS	LF009QT	2	AIR GAP FITTING	DRAIN TO FD-1	54	13	NPT	NPT	BALL	1, 2
BFP-6101	REDUCED PRESSURE ZONE	WB-2	BULK CHEMICIAL BUILDING - POTABLE SERVICE	WATTS	LF009QTS	2	STRAINER	DRAIN TO EXTERIOR	23	13	NPT	NPT	BALL	1, 2
BFP-6102	REDUCED PRESSURE ZONE	WB-N3	BULK CHEMICIAL BUILDING - NONPOTABLE SERVICE	WATTS	LF009OSY	2-1/2	STRAINER	DRAIN TO EXTERIOR	75	13	FLANGE	FLANGE	OS & Y	1, 2
BFP-6201	REDUCED PRESSURE ZONE	WB-1.5	FLUORIDE TANKS - EMERGENCY SHOWER SYSTEM	WATTS	LF009QT	1-1/2	STRAINER	DRAIN TO EXTERIOR	23	13	NPT	NPT	BALL	1, 2

NOTES
1. SEE SPECIFICATION 22 11 19 FOR INSTALLATION AND ACCESSORY REQUIREMENTS.
2. ASSEMBLY SHALL CONFORM TO NSF 61 AND 372 REQUIREMENTS (LEAD FREE).

ELECTRIC WATER HEATER SCHEDULE

TAG	MANUFACTURER		SYSTEM SERVED	LOCATION	TYPE	INLET (IN)	OUTLET (IN)	ELEMENT (QTY)	ELEMENT (KW)	STORAGE TEMPERATURE (°F)	RECOVERY RATE (GPH) AT 80°F RISE	INLET TEMPERATURE (°F)	STORAGE CAPACITY (GALLONS)	TEMPERATURE RISE (°F)	POWER			NOTES
	MAKE	MODEL													VOLTAGE	PHASE	FREQUENCY	
WH-3001	A.O. SMITH	DEN-52	ADMINISTRATIVE	FILTER BUILDING - UTILITY/JANITOR	ELECTRIC STORAGE	1	1	2	6	140	30.7	60	55	80	460	3	60	1-7
WH-3002	HAWS CO	MODEL 8780	EMERGENCY SHOWERS	FILTER BUILDING - FINISHED WATER CHEMICALS FEED ROOM	ELECTRIC STORAGE	1-1/2	1-1/2	1	10	165	39.0	60	119	105	460	3	60	1-6, 8
WH-6101	HAWS CO	MODEL 8780	EMERGENCY SHOWERS	BULK CHEMICAL BUILDING	ELECTRIC STORAGE	1-1/2	1-1/2	1	10	165	39.0	60	119	105	460	3	60	1-6, 8
WH-6201	HAWS CO	MODEL 8785	EMERGENCY SHOWERS	FLUORIDE TANKS	ELECTRIC STORAGE	1-1/2	1-1/2	1	10	165	39.0	60	119	105	460	3	60	1-6, 8
WH-8001	A.O. SMITH	DEN-52	ADMINISTRATIVE	ADMIN BUILDING - CLOSET	ELECTRIC STORAGE	1	1	2	6	140	30.7	60	55	50	460	3	60	1-7
WH-8002	A.O. SMITH	DEN-120	EMERGENCY SHOWERS	ADMIN BUILDING - STORAGE / JAN	ELECTRIC STORAGE	3/4	3/4	2	6	165	30.7	60	119	105	460	3	60	1-7

NOTES:
1. REFER TO SPECFICATION 22 33 00 FOR CONSTRUCTION AND ACCESSORY DETAILS.
2. ALL WATER HEATERS SHALL MEET OR EXCEED STANDBY LOSS REQUIREMENTS PER US DEPT OF ENERGY OR ASHRAE 90.1-2016.
3. RATED FOR 150 PSIG WORKING PRESSURE.
4. PROVIDE DIELECTRIC UNIONS AND SHUT OFF ISOLATION VALVES AT EACH CONNECTION.
5. PROVIDE TEMPERATURE AND PRESSURE GAUGES.
6. ROUTE TEMPERATURE AND PRESSURE RELIEF TO DRAIN. (2)
7. NON-SIMULTANEOUS OPERATION.
8. PROVIDE STAINLESS STEEL PIPING AND NEMA 4X JUNCTION BOX.

ELECTRIC TANKLESS WATER HEATER SCHEDULE

TAG	MANUFACTURER		SYSTEM SERVED	LOCATION	TYPE	INLET (IN)	OUTLET (IN)	ELEMENT (QTY)	ELEMENT (KW)	TEMPERATURE RISE AT FLOW (°F/GPM)	TURN ON FLOW (GPM)	INLET TEMPERATURE (°F)	POWER			NOTES
	MAKE	MODEL											VOLTAGE	PHASE	FREQUENCY	
WH-6102	EEMAX	PROSERIES XTP02480	HOT ALUM FLUSH	BULK CHEMICAL BUILDING	ELECTRIC TANKLESS	3/4	3/4	1	20	27°F / 5 GPM	0.5	60	480	3	60	1-6

(2)

NOTES:
1. REFER TO SPECFICATION 22 33 00 FOR CONSTRUCTION AND ACCESSORY DETAILS.
2. PROVIDE MANUFACTURER SUPPLIED 24" STANDING LEGS.
3. RATED FOR 150 PSIG WORKING PRESSURE.
4. PROVIDE DIELECTRIC UNIONS AND SHUT OFF ISOLATION VALVES AT EACH CONNECTION.
5. FIELD SET OUTLET TEMPERATURE TO 85°F.
6. NEMA 4X ENCLOSURE.

(2)

EMERGENCY SHOWERS

TAG	FIXTURE	MANUFACTURER		TW (IN)	EMERGENCY ALARM POWER (V)	HEAT TRACE POWER (V)	ACCESSORIES
		MAKE	MODEL				
ESEW-3001	EMERGENCY EYEWASH & SHOWER	HAWS CO	8300	1-1/4	120	--	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM
ESEW-3002	EMERGENCY EYEWASH & SHOWER	HAWS CO	8300	1-1/4	120	--	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM
ESEW-6101	EMERGENCY EYEWASH & SHOWER	HAWS CO	8317CTFP	1-1/4	120	120	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM, 5 FT HEAT TRACE CABLE, RECIRCULATION OPTION, SP157A SCALD PROTECT VALVE (1)
ESEW-6102	EMERGENCY EYEWASH & SHOWER	HAWS CO	8317CTFP	1-1/4	120	120	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM, 5 FT HEAT TRACE CABLE, RECIRCULATION OPTION, SP157A SCALD PROTECT VALVE
ESEW-6103	EMERGENCY EYEWASH & SHOWER	HAWS CO	8300	1-1/4	120	--	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM
ESEW-6104	EMERGENCY EYEWASH & SHOWER	HAWS CO	8300	1-1/4	120	--	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM
ESEW-6105	EMERGENCY EYEWASH & SHOWER	HAWS CO	8317CTFP	1-1/4	120	120	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM, 5 FT HEAT TRACE CABLE, RECIRCULATION OPTION, SP157A SCALD PROTECT VALVE (1)
ESEW-6106	EMERGENCY EYEWASH & SHOWER	HAWS CO	8300	1-1/4	120	--	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM
ESEW-6201	EMERGENCY EYEWASH & SHOWER	HAWS CO	8317CTFP	1-1/4	120	120	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM, 5 FT HEAT TRACE CABLE, SP157A SCALD PROTECT VALVE (1)
ESEW-6202	EMERGENCY EYEWASH & SHOWER	HAWS CO	8317CTFP	1-1/4	120	120	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM, 5 FT HEAT TRACE CABLE, SP157A SCALD PROTECT VALVE
ESEW-6203	EMERGENCY EYEWASH & SHOWER	HAWS CO	8317CTFP	1-1/4	120	120	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM, 5 FT HEAT TRACE CABLE, SP157A SCALD PROTECT VALVE
ESEW-8001	EMERGENCY EYEWASH & SHOWER	HAWS CO	8300	1-1/4	120	--	HAWS CO MODEL 9001 EMERGENCY ALARM SYSTEM (3)

NOTES:
1.SEE SPECIFICATION 22 45 00 FOR CONSTRUCTION AND ACCESSORY DETAILS.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
2	CONFORMED DRAWINGS	03-13-25	TLM
1	ADDENDUM 2	01-09-25	TLM

PROJECT MANAGER: T. HUDSON
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DRAWN BY: J. JOHNSON
PROJECT ENGINEER: T. MONAHAN
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JACK H. WILSON WTP RENEWAL
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OWNER CONTINGENCY EXPENDITURE #4

GENERAL
PLUMBING
SCHEDULES SHEET 1

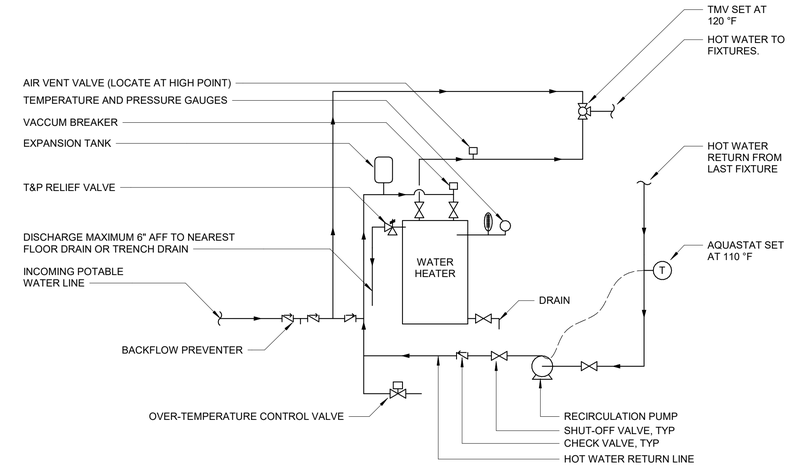
DATE: JULY 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: P0002

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PLUMBING DRAINAGE/SPECIALTY PRODUCTS

TAG	FIXTURE	MANUFACTURER MAKE	MANUFACTURER MODEL	CW (IN)	HW (IN)	TW (IN)	WASTE (IN)	VENT (IN)	ACCESSORIES	NOTES
AV	HIGH CAPACITY AUTOMATIC AIR VENT	WATTS	FV-4	1/2	-	-	-	-	--	4
ET-3001	EXPANSION TANK	AMTROL	ST-12C-DD	3/4	-	-	-	-	--	1
ET-8001	EXPANSION TANK	AMTROL	ST-12C-DD	3/4	-	-	-	-	--	1
ET-8002	EXPANSION TANK	AMTROL	ST-25V	3/4	-	-	-	-	--	1
FC0	FLOOR CLEANOUT	ZURN	Z1400-ZB	-	-	-	4	-	--	2
FD-1	6" ROUND FLOOR DRAIN	ZURN	Z415B	-	-	-	3	SEE PLANS	PROSET TRAP GUARD TG33	2
FD-2	8" ROUND FLOOR DRAIN	ZURN	ZB415B-Y	-	-	-	4	SEE PLANS	PROSET TRAP GUARD TG33	2
HB	HOSE BIB	WOODFORD	MODEL 24	3/4	-	-	-	-	NON-REMOVABLE ANTI-SIPHONN VACUUM BREAKER	1
HR	HOSE RACK	LEONARD	HDHR	-	-	-	-	-	--	1
NFWH	NON-FREEZE WALL HYDRANT	WOODFORD	MODEL 65	3/4	-	-	-	-	FREEZEPROOF FIXTURE WITH ANTI-SIPHON VACUUM BREAKER	1
NFYH	NON-FREEZE YARD HYDRANT	ZURN	Z1390	1-1/2	-	-	-	-	--	1
IMB	ICE MAKER BOX	GUY GRAY	MIB1HAAB	1/2	-	-	-	-	WATER HAMMER ARRESTOR	1
PRV-1	PRESSURE REDUCING VALVE	WATTS	LF223S	2	-	-	-	-	STRAINER	1, 5
PRV-2	PRESSURE REDUCING VALVE	WATTS	ES-LFN223B	2-1/2	-	-	-	-	STRAINER	1, 5
TMV-1	THERMOSTATIC MIXING VALVE	LEONARD	XL-32A-LF-BDT	3/4	3/4	-	-	-	--	1
TMV-2	THERMOSTATIC MIXING VALVE	HAWS CO	9201E	1-1/4	3/4	-	-	-	--	6
WHA-X	WATER HAMMER ARRESTOR	WATTS	LF15M2	SEE PLANS	-	-	-	-	--	1

NOTES:
1. SEE SPECIFICATION 22 11 19 FOR CONSTRUCTION AND ACCESSORY DETAILS.
2. SEE SPECIFICATION 22 13 19 FOR CONSTRUCTION AND ACCESSORY DETAILS.
3. PROVIDE FOR ALL LAVATORIES. SET TO 110°F.
4. INSTALL AT HIGH POINT OF HOT WATER SYSTEM.
5. SET AT 70 PSI.
6. ASSE 1071 AND ANSI Z358.1 COMPLIANT. SET TO 85°F



WATER HEATER DIAGRAM -DOMESTIC HOT WATER

PLUMBING FIXTURES

TAG	FIXTURE	MANUFACTURER MAKE	MANUFACTURER MODEL	CW (IN)	HW (IN)	WASTE (IN)	VENT (IN)	ACCESSORIES	NOTES
EWC	BILEVEL ELEC WATER COOLER	ELKAY	LZSTL8WSLP	1/2	-	1-1/2	1-1/2	BOTTLE FILLER, WATER COOLER, AND FILTERS	1, 2
LAV-1	UNDERMOUNT LAVATORY	AMERICAN STANDARD	OVALYN 9482.000	1/2	1/2	1-1/2	1-1/2	AMERICAN STANDARD 6055.105 ADA FAUCET, ADJUSTABLE P-TRAP, QUARTER-TURN BRASS BALL VALVE LAVATORY SUPPLY	1, 2
LAV-2	WALL-HUNG LAVATORY	AMERICAN STANDARD	DECORUM 9024.001EC	1/2	1/2	1-1/2	1-1/2	AMERICAN STANDARD 6055.105 ADA FAUCET, ADJUSTABLE P-TRAP, QUARTER-TURN BRASS BALL VALVE LAVATORY SUPPLY	1, 2
LS-1	LAB SINK	CHEMTOP	U25	1/2	1/2	1-1/2	1-1/2	CHICAGO FAUCETS LWM3-A13-A, ADJUSTABLE P-TRAP, QUARTER-TURN BRASS BALL VALVE LAVATORY SUPPLY	1, 2
MS-1	MOP SINK	FIAT	MSB3624	3/4	3/4	3	2	FIAT 830AA FAUCET WITH VACUUM BREAKER, SS SPLASH PANELS	1
MS-2	MOP SINK	FIAT	MSB2424	3/4	3/4	3	2	FIAT 830AA FAUCET WITH VACUUM BREAKER, SS SPLASH PANELS	1
SH	SHOWER ENCLOSURE	FREEDOM SHOWERS	APF3838BF1PRRF	1/2	1/2	2	2	GRAB BARS, FOLDING SHOWER SEAT, SLIDE BAR WITH HANDHELD SHOWER, PRESSURE BALANCE VALVE, CAULKLESS DRAIN	1, 2
S-1	UNDERMOUNT SINK	ELKAY	ELUH1418PD	1/2	1/2	2	2	CHICAGO 786-GN10AE3SWGABP FAUCET, ELKAY LKPD1 DRAIN FITTING, STOPS AND RISERS	1, 2
S-2	UNDERMOUNT SINK	CHEMTOP	U30C	1/2	1/2	1-1/2	1-1/2	CHICAGO FAUCETS LWM3-A13-A, ADJUSTABLE P-TRAP, QUARTER-TURN BRASS BALL VALVE LAVATORY SUPPLY	1, 2
S-3	UNDERMOUNT SINK	AMERICAN STANDARD	OVALYN 9482.000	1/2	1/2	1-1/2	1-1/2	AMERICAN STANDARD 7075104 ADA FAUCET, ADJUSTABLE P-TRAP, QUARTER-TURN BRASS BALL VALVE LAVATORY SUPPLY	1, 2
SS	SAMPLE SINK	-	-	-	-	3	-	-	1, 2, 3
UR	URINAL	KOHLER	K-5452-ETSS	3/4	-	2	2	K-10UD00D20-CP 0.125 GPF FLUSHOMETER	1, 2
WC	WATER CLOSET	KOHLER	KINGSTON ULTRA K-84325-SSL	1	-	4	2	K-4731-SA OPEN FRONT SEAT, K-10TD00N10-CP 1.28 GPF	1, 2

NOTES
1. SEE SPECIFICATION 22 40 00 FOR CONSTRUCTION AND ACCESSORY DETAILS.
2. REFER TO ARCHITECTURAL FOR ACCESSIBILITY REQUIREMENTS AND INSTALLATION HEIGHTS / DIMENSIONS.
3. REFER TO PROCESS MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

WATER HEATER DIAGRAM - LOCAL & REMOTE ESEW

PUMP SCHEDULE

TAG	MANUFACTURER MAKE	MANUFACTURER MODEL	LOCATION	CONTROLS	CAPACITY (GPM)	HEAD (FT)	SHUTOFF HEAD (FT)	SIZE SUCT.	SIZE DISCHARGE	MOTOR HP	MOTOR TYPE	VOLT	PHASE	HZ	NOTES
RCP-3001	BELL & GOSSETT	ECOCIRC+ 20-18	FILTER BUILDING - JANITOR	INTEGRAL AQUASTAT	3	8	10	3/4	3/4	FRACTIONAL	ECM	115	1	60	1, 2
RCP-8001	BELL & GOSSETT	ECOCIRC+ 20-18	ADMIN BUILDING - CLOSET	INTEGRAL AQUASTAT	3	8	10	3/4	3/4	FRACTIONAL	ECM	115	1	60	1, 2
RCP-8002	BELL & GOSSETT	ECOCIRC+ 20-18	ADMIN BUILDING - STORAGE / JAN	INTEGRAL AQUASTAT	3	8	10	3/4	3/4	FRACTIONAL	ECM	115	1	60	1, 2

NOTES:
1. SEE SPECIFICATION 22 11 23 FOR CONSTRUCTION AND ACCESSORY DETAILS.
2. PROVIDE INTEGRAL AQUASTAT.

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REV		DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
2	CONFORMED DRAWINGS	03-13-25	TLM
1	ADDENDUM 2	01-09-25	TLM

PROJECT MANAGER: T. HUDSON
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JACK H. WILSON WTP RENEWAL
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OWNER CONTINGENCY EXPENDITURE #4

GENERAL
PLUMBING
SCHEDULES SHEET 2

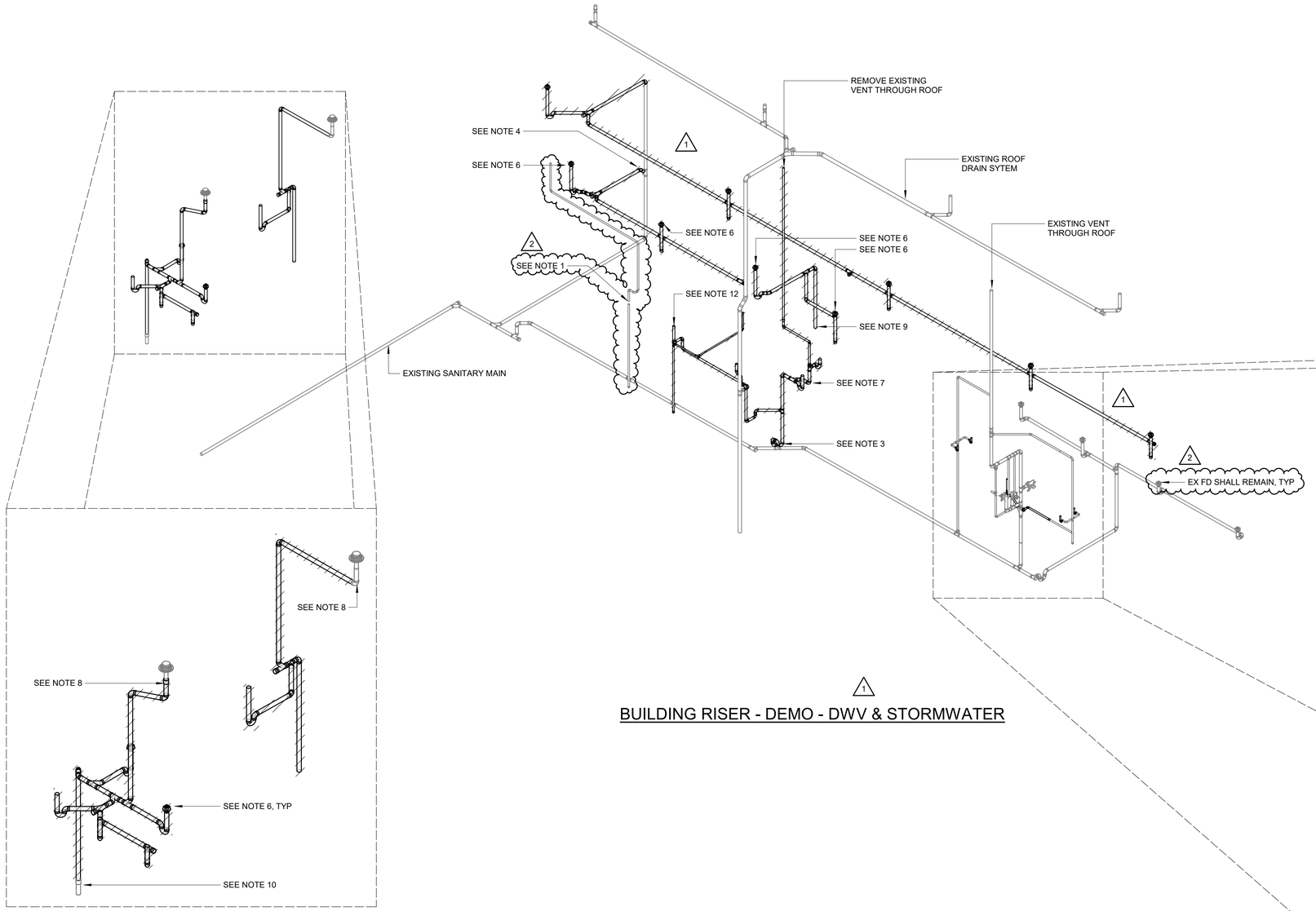
DATE: JULY 2026
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: P0003

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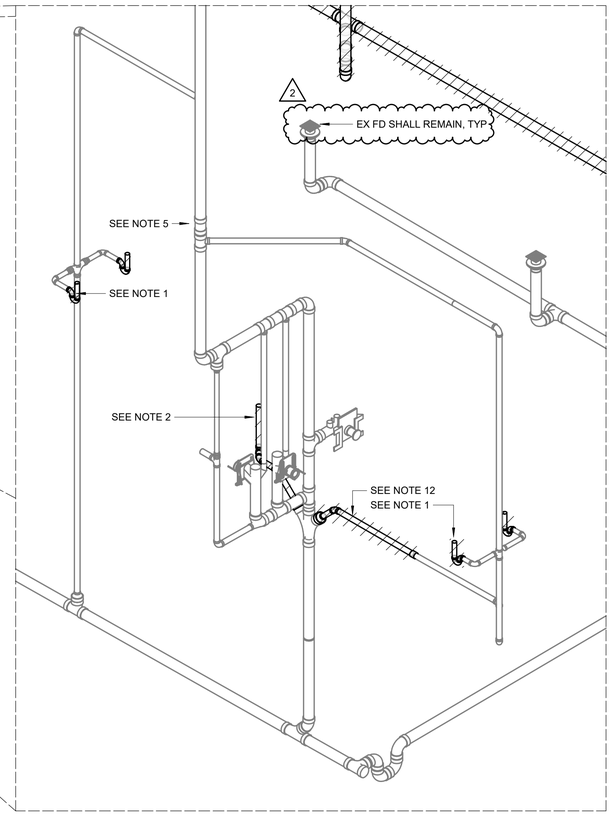
PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

1. CONTRACTOR SHALL REMOVE EXISTING SINK AND ASSOCIATED P-TRAPS. WASTE AND VENT PIPING IN WALL SHALL REMAIN FOR REUSE.
2. CONTRACTOR SHALL REMOVE EXISTING SHOWER. URINAL AND WATER CLOSETS SHALL REMAIN. CONTRACTOR SHALL REMOVE ALL WASTE AND VENT PIPING ASSOCIATED WITH SHOWER, AS SHOWN HATCHED.
3. CONTRACTOR SHALL REMOVE WASTE LINE, AS SHOWN HATCHED.
4. CONTRACTOR SHALL REMOVE WASTE LINE TO WASTE MAIN. CAP AT MAIN.
5. EXISTING VENT PIPING SHALL REMAIN. (2)
6. CONTRACTOR SHALL REMOVE EXISTING FLOOR DRAIN AND ASSOCIATED PIPING. CONTRACTOR SHALL FILL SLEEVE LEFT BY REMOVED DRAIN.
7. CONTRACTOR SHALL REMOVE EXISTING SERVICE SINK, HUB DRAIN, AND ALL ASSOCIATED VENT, WASTE AND WATER LINES, AS SHOWN HATCHED. CAP AT MAINS.
8. CONTRACTOR SHALL REMOVE ROOF DRAIN PIPING, AS SHOWN HATCHED. RETAIN ROOF DRAIN AND VERTICAL PIPE THROUGH ROOF.
9. CONTRACTOR SHALL REMOVE DRAIN PIPING DOWN TO SLAB. CAP AT SLAB.
10. CONTRACTOR SHALL REMOVE DRAIN PIPING TO SLAB. PIPE THROUGH SLAB SHALL BE RETAINED FOR REUSE.
11. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL PIPING AND EQUIPMENT, AS SHOWN HATCHED. (1)
12. REMOVE EX WASTE PIPE FROM LAVATORIES, AS SHOWN HATCHED. (2)
13. REMOVE EX RD PIPE SERVING SAMPLE SINK.



1 BUILDING RISER - DEMO - DWV & STORMWATER

1 BUILDING RISER - CHLORINE STORAGE - DWV & STORMWATER



BUILDING RISER - MENS/WOMENS RESTROOM - DEMO - DWV

2

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

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PROJECT ENGINEER:	T. MONAHAN

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AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
BUILDING RISER - DEMOLITION - DWV AND STORMWATER (1)

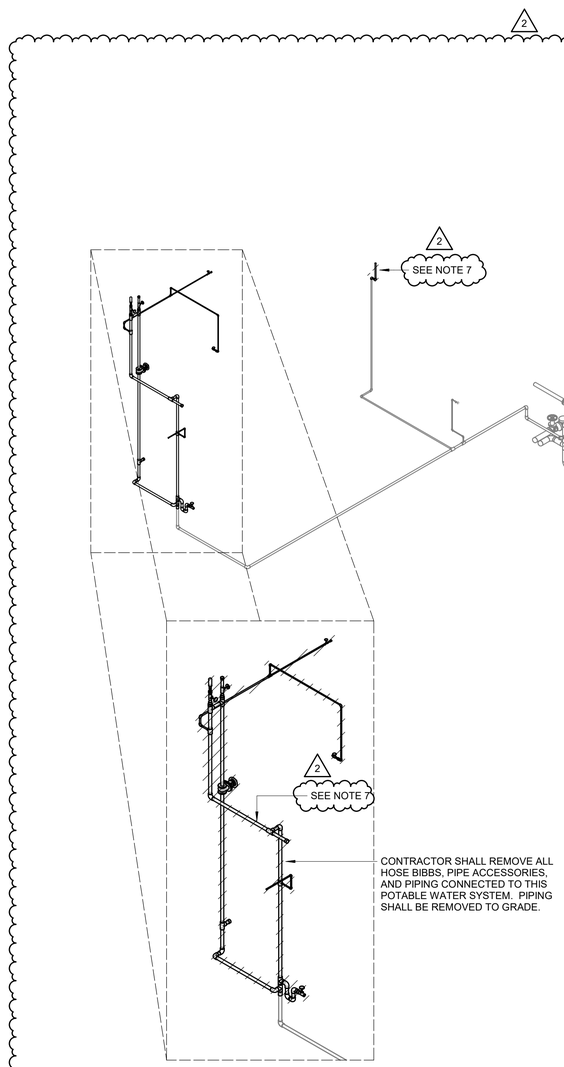
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3000

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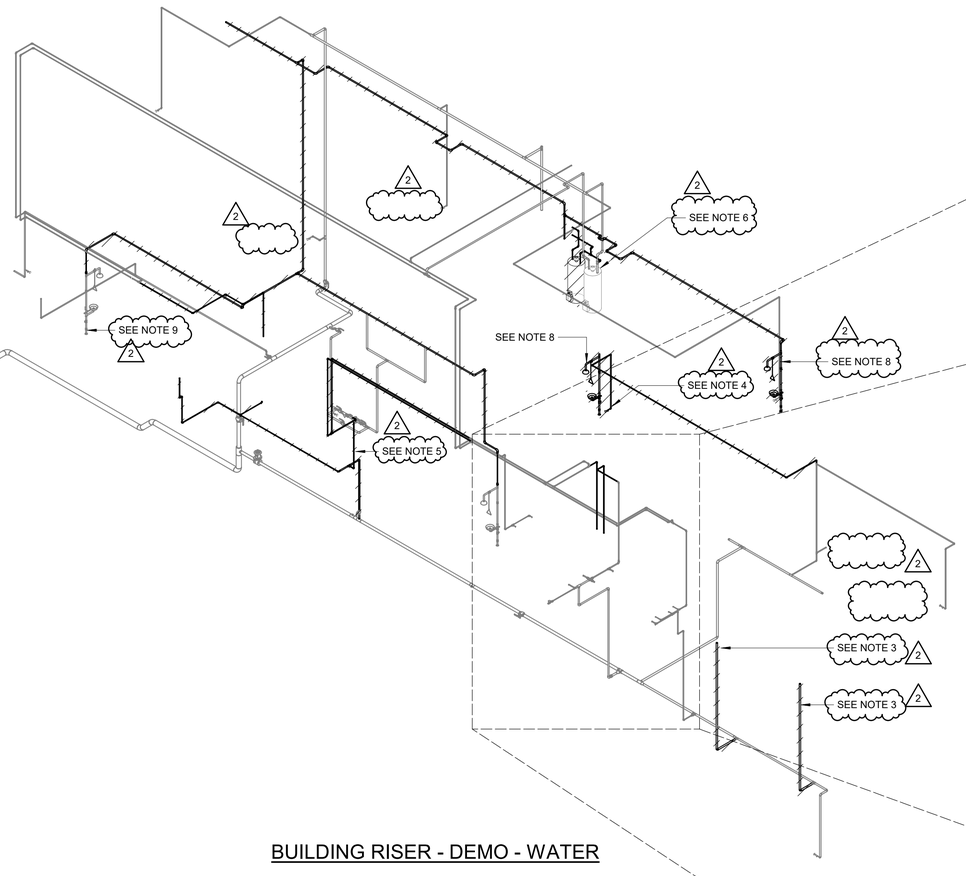
NOTES:

1. CONTRACTOR SHALL REMOVE EXISTING LAVATORIES.
2. CONTRACTOR SHALL REMOVE EXISTING SHOWER. CONTRACTOR SHALL REMOVE ALL WATER PIPING ASSOCIATED WITH FIXTURE, AS SHOWN HATCHED.
3. CONTRACTOR SHALL REMOVE POTABLE WATER LINE TO MAIN, AS SHOWN HATCHED.
4. CONTRACTOR SHALL REMOVE HOSE BIBB AND ASSOCIATED WATER LINE.
5. CONTRACTOR SHALL REMOVE EXISTING SERVICE SINK AND ALL ASSOCIATED WATER PIPING, AS SHOWN HATCHED. CAP AT MAINS.
6. CONTRACTOR SHALL REMOVE ALL TEPID WATER AND WATER HEATER SERVING EMERGENCY SHOWERS. WATER HEATER SERVING DOMESTIC HOT WATER SYSTEM SHALL REMAIN.
7. CONTRACTOR SHALL REMOVE POTABLE LINE, AS SHOWN HATCHED.
8. CONTRACTOR SHALL REMOVE EMERGENCY SHOWERS SHOWN HATCHED. REMOVE ALL ASSOCIATED WATER LINES TO SHOWERS, AS SHOWN HATCHED.
9. CONTRATOR SHALL REMOVE TEPID WATER CONNECTED TO EMERGENCY SHOWER. RETAIN SHOWER FOR NEW CONSTRUCTION.
10. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL PIPING AND EQUIPMENT, AS SHOWN HATCHED.

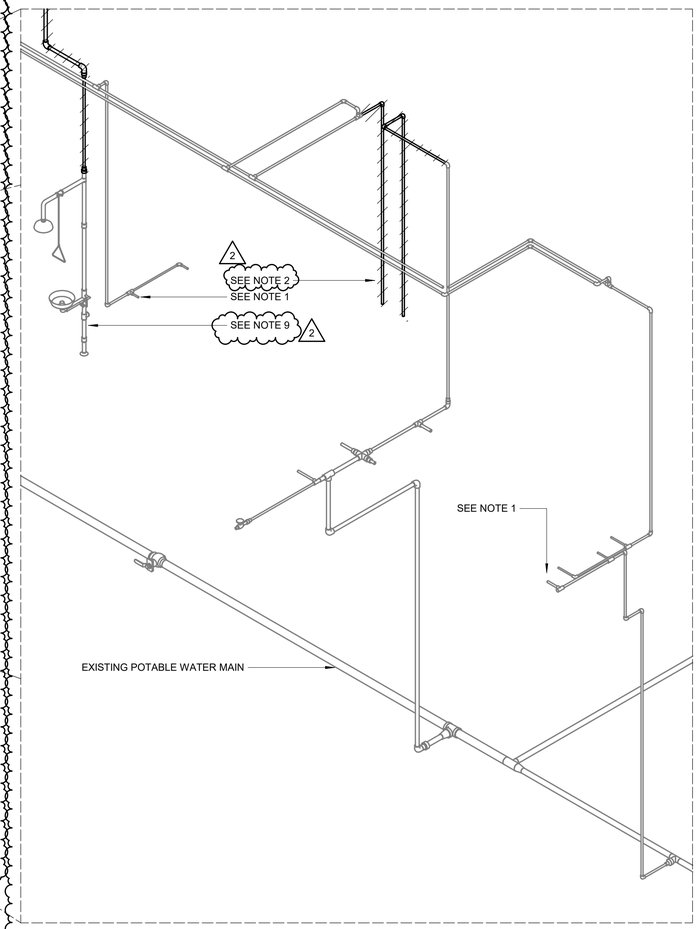
PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.



BUILDING RISER - CHLORINE STORAGE - WATER



BUILDING RISER - DEMO - WATER



BUILDING RISER - MENS/WOMENS RESTROOM - DEMO - WATER

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
BUILDING RISER - DEMOLITION - WATER

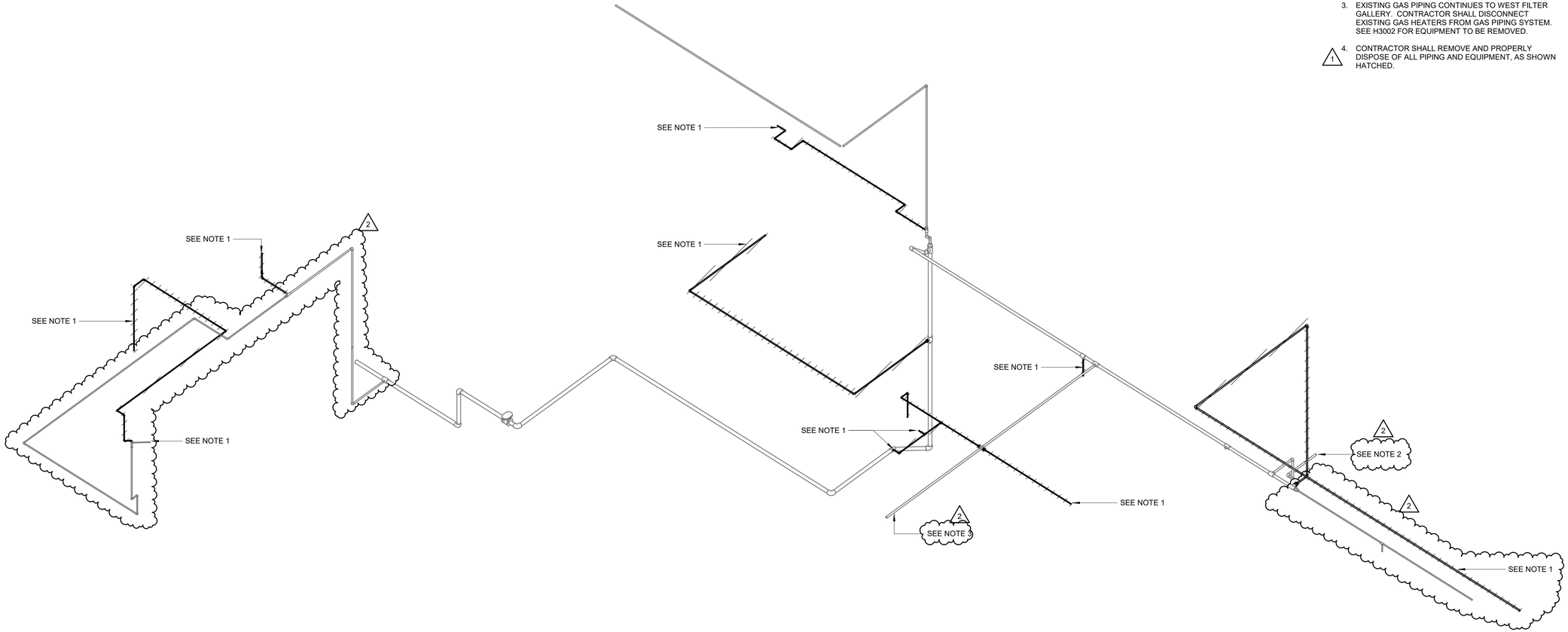
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3001

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-PLUM.rvt
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NOTES:

1. CONTRACTOR SHALL REMOVE GAS PIPING ASSOCIATED WITH EXISTING HVAC EQUIPMENT, AS SHOWN HATCHED. SEE HVAC PLANS FOR EXACT LOCATION OF EQUIPMENT TO BE REMOVED.
2. EXISTING GAS PIPING CONTINUES TO EAST FILTER GALLERY. ALL GAS PIPING AND EQUIPMENT IN THIS AREA SHALL BE RETAINED.
3. EXISTING GAS PIPING CONTINUES TO WEST FILTER GALLERY. CONTRACTOR SHALL DISCONNECT EXISTING GAS HEATERS FROM GAS PIPING SYSTEM. SEE H3002 FOR EQUIPMENT TO BE REMOVED.
4. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL PIPING AND EQUIPMENT, AS SHOWN HATCHED.

PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.



BUILDING RISER - DEMO - GAS

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

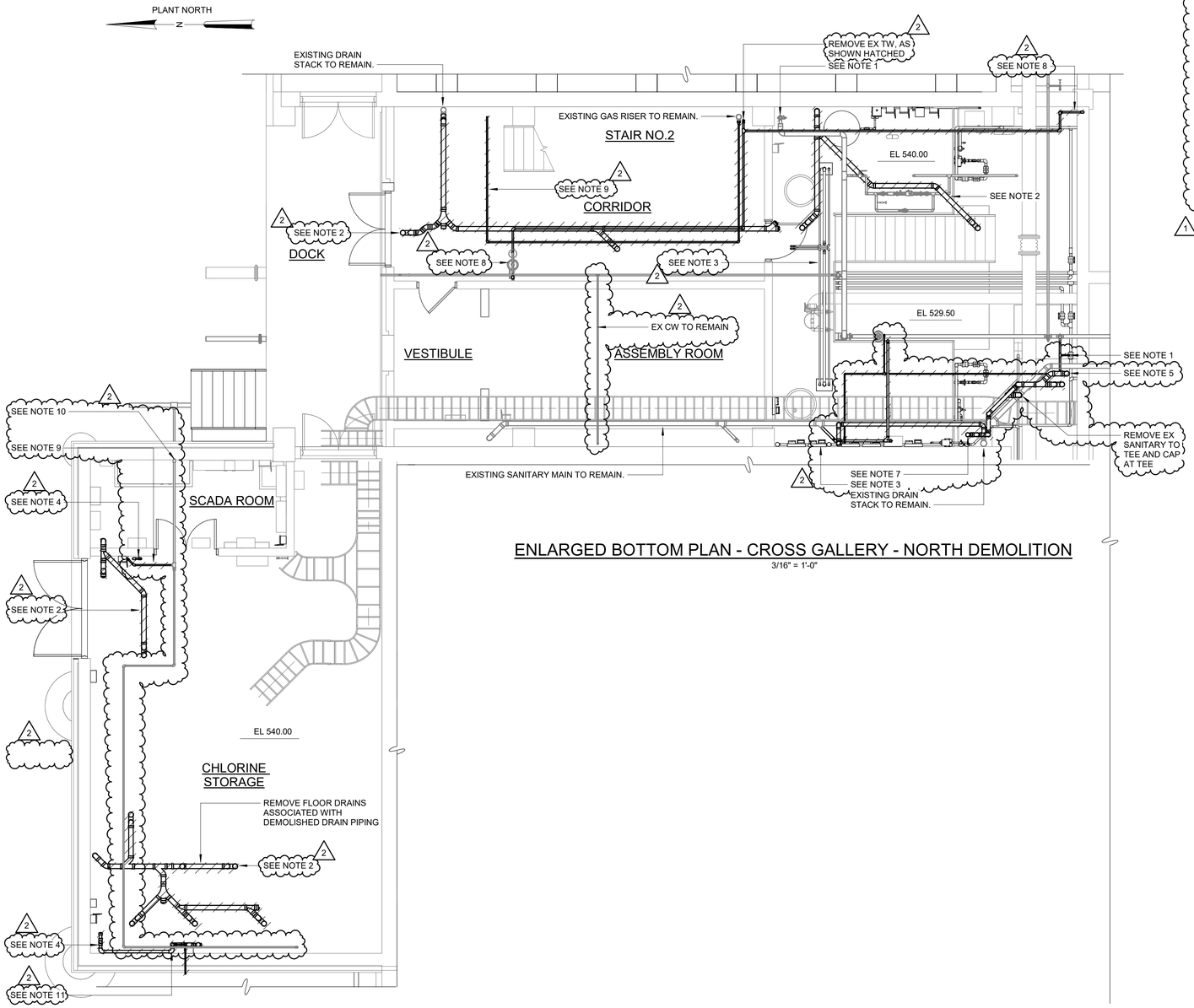
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
BUILDING RISER - DEMOLITION - GAS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3002

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-PLUM.rvt
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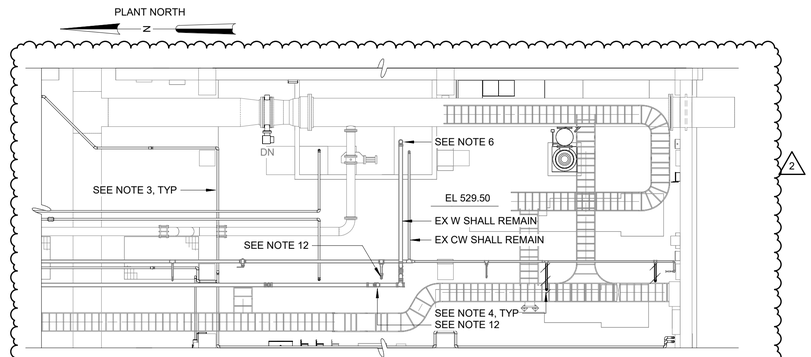
ENLARGED BOTTOM PLAN - CROSS GALLERY - NORTH DEMOLITION

3/16" = 1'-0"

NOTES:

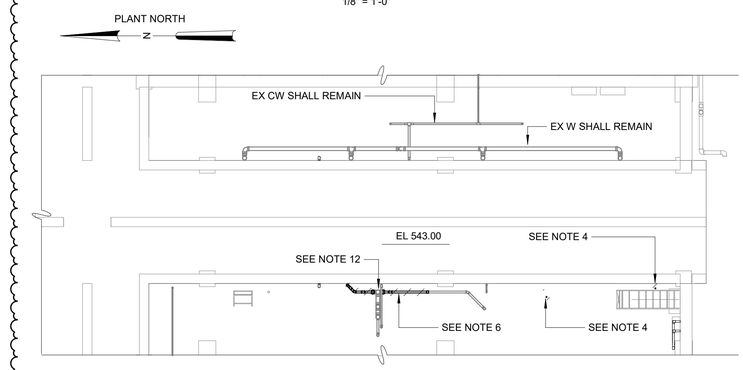
1. CONTRACTOR SHALL REMOVE EXISTING WATER LINE, AS SHOWN HATCHED.
2. CONTRACTOR SHALL REMOVE EXISTING DRAIN AND DRAIN PIPING, AS SHOWN HATCHED. DRAIN PIPING SHALL BE REMOVED TO SLAB.
3. REFER TO PROCESS MECHANICAL PLANS FOR DEMOLITION OF PIPES AND VALVES.
4. CONTRACTOR SHALL REMOVE WATER PIPING TO POINT SHOWN ON RISER DIAGRAM. SEE RISER DIAGRAM ON P3001.
5. CONTRACTOR SHALL REMOVE SANITARY BRANCH FROM SERVICE SINK AND DRAIN ABOVE.
6. CONTRACTOR SHALL REMOVE EXISTING WASTE PIPE, AS SHOWN HATCHED. SEE RISER DIAGRAM ON P3000 FOR MORE INFORMATION.
7. CONTRACTOR SHALL REMOVE WASTE PIPING COLLECTING ANALYZER ROOM DISCHARGE. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
8. CONTRACTOR SHALL REMOVE EXISTING TEPID WATER PIPING TO EMERGENCY SHOWER. EMERGENCY SHOWER SHALL REMAIN FOR REUSE.
9. CONTRACTOR SHALL REMOVE EXISTING GAS PIPING, AS SHOWN HATCHED. SEE HVAC PLANS FOR REMOVAL OR GAS EQUIPMENT.
10. EXISTING GAS PIPING CONTINUES TO SERVICE MAIN BELOW GRADE.
11. CONTRACTOR SHALL REMOVE ALL ABOVE GRADE WATER PIPING BACK TO SLAB. SEE P3011 FOR NEW CONSTRUCTION.
12. CONTRACTOR SHALL REMOVE WASTE PIPING SERVING SHOWER. EXISTING WASTE AND WATER PIPING SERVING ALL OTHER FIXTURES SHALL REMAIN.
13. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL PIPING AND EQUIPMENT, AS SHOWN HATCHED.

PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.



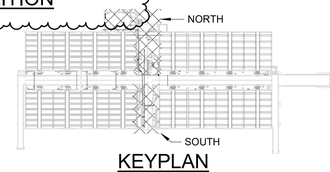
ENLARGED BOTTOM PLAN - CROSS GALLERY - SOUTH DEMOLITION

1/8" = 1'-0"



ENLARGED BOTTOM PLAN - CROSS GALLERY - SOUTH DEMOLITION

1/8" = 1'-0"



KEYPLAN

1" = 100'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

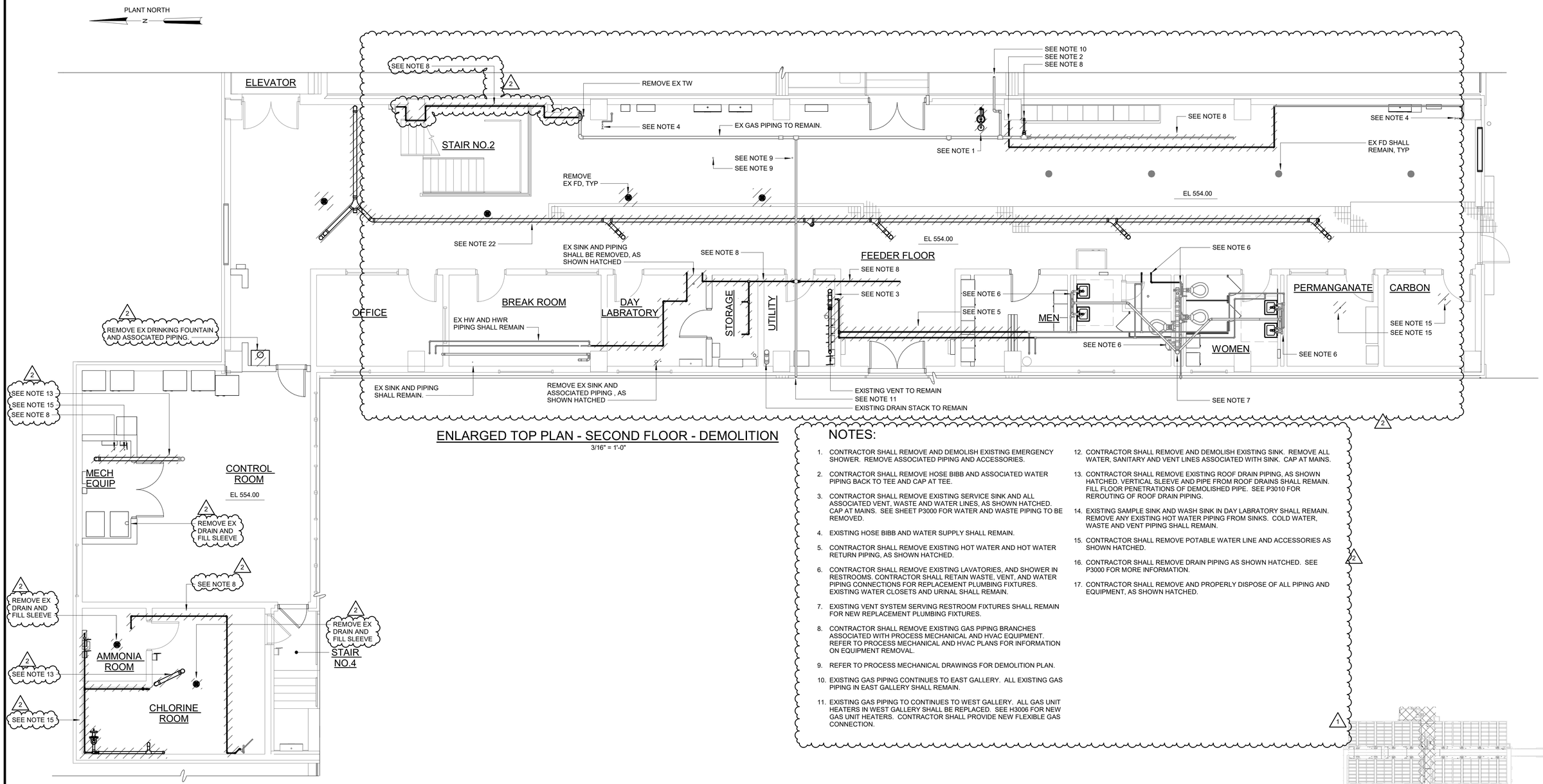
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
ENLARGED BOTTOM PLAN - CHLORINE STORAGE/CROSS GALLERY DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3003

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-PLUM.rvt
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PLANS BASED ON RECORD DRAWINGS.
CONTRACTOR SHALL FIELD VERIFY ALL
PIPE LOCATIONS AND CONNECTIONS.

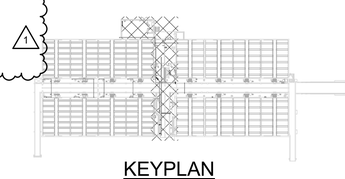


ENLARGED TOP PLAN - SECOND FLOOR - DEMOLITION

3/16" = 1'-0"

NOTES:

1. CONTRACTOR SHALL REMOVE AND DEMOLISH EXISTING EMERGENCY SHOWER. REMOVE ASSOCIATED PIPING AND ACCESSORIES.
2. CONTRACTOR SHALL REMOVE HOSE BIBB AND ASSOCIATED WATER PIPING BACK TO TEE AND CAP AT TEE.
3. CONTRACTOR SHALL REMOVE EXISTING SERVICE SINK AND ALL ASSOCIATED VENT, WASTE AND WATER LINES, AS SHOWN HATCHED. CAP AT MAINS. SEE SHEET P3000 FOR WATER AND WASTE PIPING TO BE REMOVED.
4. EXISTING HOSE BIBB AND WATER SUPPLY SHALL REMAIN.
5. CONTRACTOR SHALL REMOVE EXISTING HOT WATER AND HOT WATER RETURN PIPING, AS SHOWN HATCHED.
6. CONTRACTOR SHALL REMOVE EXISTING LAVATORIES, AND SHOWER IN RESTROOMS. CONTRACTOR SHALL RETAIN WASTE, VENT, AND WATER PIPING CONNECTIONS FOR REPLACEMENT PLUMBING FIXTURES. EXISTING WATER CLOSETS AND URINAL SHALL REMAIN.
7. EXISTING VENT SYSTEM SERVING RESTROOM FIXTURES SHALL REMAIN FOR NEW REPLACEMENT PLUMBING FIXTURES.
8. CONTRACTOR SHALL REMOVE EXISTING GAS PIPING BRANCHES ASSOCIATED WITH PROCESS MECHANICAL AND HVAC EQUIPMENT. REFER TO PROCESS MECHANICAL AND HVAC PLANS FOR INFORMATION ON EQUIPMENT REMOVAL.
9. REFER TO PROCESS MECHANICAL DRAWINGS FOR DEMOLITION PLAN.
10. EXISTING GAS PIPING CONTINUES TO EAST GALLERY. ALL EXISTING GAS PIPING IN EAST GALLERY SHALL REMAIN.
11. EXISTING GAS PIPING TO CONTINUES TO WEST GALLERY. ALL GAS UNIT HEATERS IN WEST GALLERY SHALL BE REPLACED. SEE H3006 FOR NEW GAS UNIT HEATERS. CONTRACTOR SHALL PROVIDE NEW FLEXIBLE GAS CONNECTION.
12. CONTRACTOR SHALL REMOVE AND DEMOLISH EXISTING SINK. REMOVE ALL WATER, SANITARY AND VENT LINES ASSOCIATED WITH SINK. CAP AT MAINS.
13. CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN PIPING, AS SHOWN HATCHED. VERTICAL SLEEVE AND PIPE FROM ROOF DRAINS SHALL REMAIN. FILL FLOOR PENETRATIONS OF DEMOLISHED PIPE. SEE P3010 FOR REROUTING OF ROOF DRAIN PIPING.
14. EXISTING SAMPLE SINK AND WASH SINK IN DAY LABRATORY SHALL REMAIN. REMOVE ANY EXISTING HOT WATER PIPING FROM SINKS. COLD WATER, WASTE AND VENT PIPING SHALL REMAIN.
15. CONTRACTOR SHALL REMOVE POTABLE WATER LINE AND ACCESSORIES AS SHOWN HATCHED.
16. CONTRACTOR SHALL REMOVE DRAIN PIPING AS SHOWN HATCHED. SEE P3000 FOR MORE INFORMATION.
17. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL PIPING AND EQUIPMENT, AS SHOWN HATCHED.



KEYPLAN
1" = 100'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

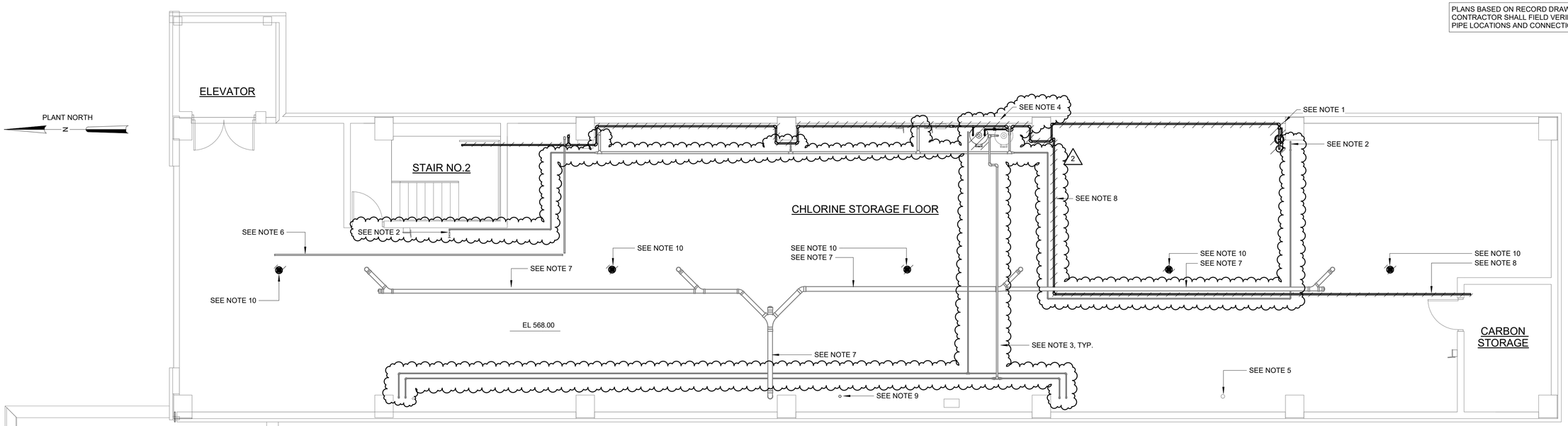
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
ENLARGED TOP PLAN - SECOND FLOOR
DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3004

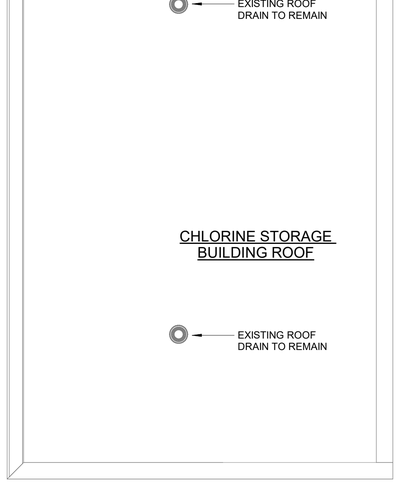
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PLANS BASED ON RECORD DRAWINGS.
CONTRACTOR SHALL FIELD VERIFY ALL
PIPE LOCATIONS AND CONNECTIONS.



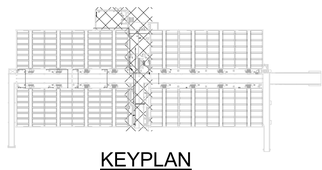
ENLARGED TOP PLAN - THIRD FLOOR - DEMOLITION

3/16" = 1'-0"



NOTES:

1. CONTRACTOR SHALL REMOVE EXISTING EMERGENCY SHOWER AND TEPID WATER CONNECTED TO FIXTURE.
2. EXISTING HOSE BIBB AND WATER SUPPLY PIPING SHALL REMAIN.
3. CONTRACTOR SHALL REMOVE ALL EXISTING TEPID WATER PIPING ON THIS LEVEL. POTABLE WATER, HOT WATER AND HOT WATER RETURN PIPING SHALL REMAIN.
4. CONTRACTOR SHALL REMOVE EXISTING WATER HEATER AND THERMOSTATIC MIXING VALVE ASSOCIATED WITH TEPID WATER SYSTEM. EXISING WATER HEATER SERVING DOMESTIC FIXTURES SHALL REMAIN.
5. CONTRACTOR SHALL RETAIN EXISTING 4" VENT FOR NEW FIXTURES.
6. CONTRACTOR SHALL RETAIN EXISTING GAS PIPING FOR NEW UNIT HEATER. SEE HVAC PLANS FOR REMOVAL OF HEATER.
7. EXISTING ROOF LEADER AND STORM COLLECTION SYSTEM TO REMAIN.
8. CONTRACTOR SHALL REMOVE GAS PIPING AS SHOWN HATCHED. SEE HVAC PLANS FOR REMOVAL OF HEATER.
9. CONTRACTOR SHALL RETAIN EXISTING 2-1/2" VENT.
10. CONTRACTOR SHALL REMOVE EXISTING DRAIN AND ASSOCIATED DRAIN PIPING.



KEYPLAN

1" = 100'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
ENLARGED TOP PLAN - THIRD FLOOR DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3005

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REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

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Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

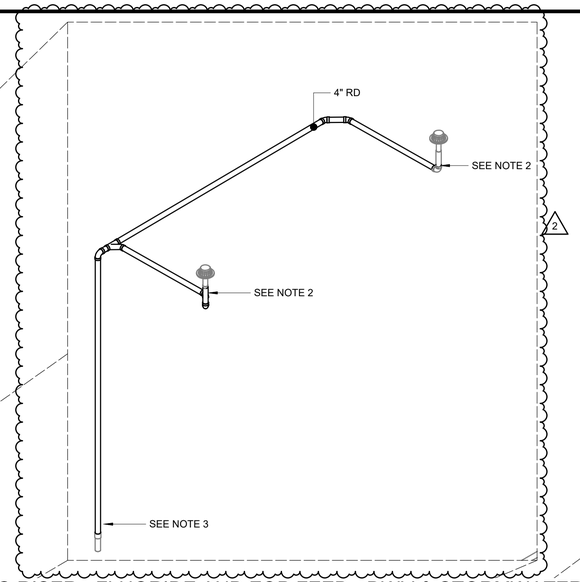
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

2
FILTER BUILDING
PLUMBING
NOT USED

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3006

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BUILDING RISER - FLUORIDE AND ZOP FEED - DWV & STORMWATER

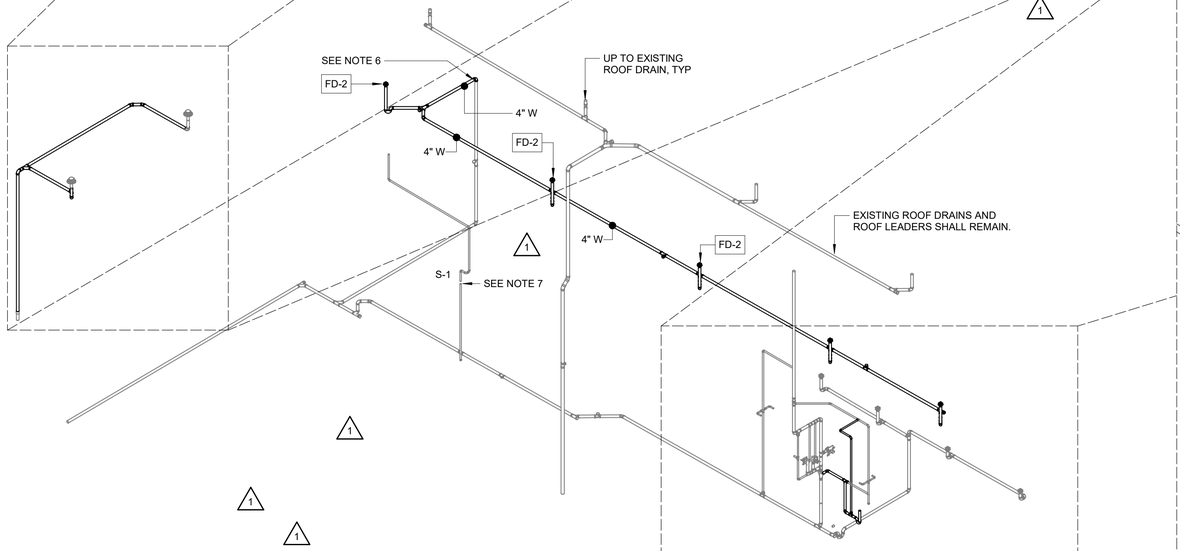
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NOTES:

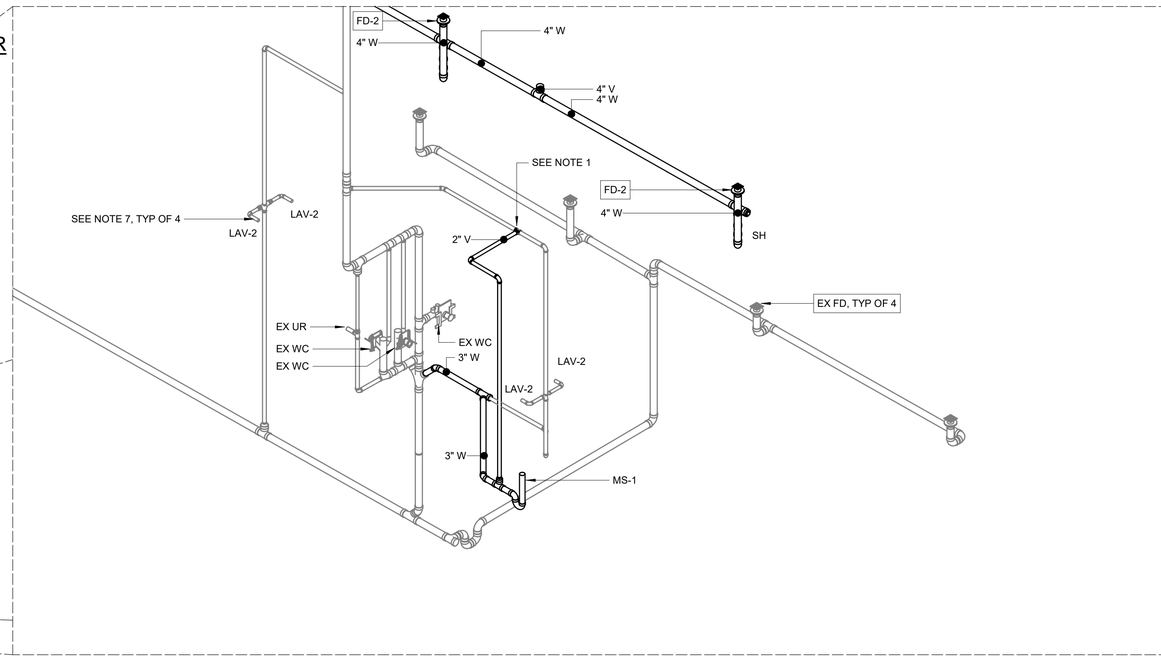
1. CONTRACTOR SHALL TIE NEW 2" VENT INTO EXISTING 2" VENT.
2. CONTRACTOR SHALL CONNECT NEW ROOF DRAIN PIPE TO EXISTING ROOF DRAIN.
3. CONTRACTOR SHALL CONNECT NEW ROOF DRAIN LINE INTO EXISTING DRAIN STACK AT SLAB. USE PVC FOR ALL DRAIN PIPING IN FLUORIDE ROOM.
4. CONTRACTOR SHALL CONNECT NEW ROOF DRAIN LINE INTO EXISTING DRAIN STACK.
5. CONTRACTOR SHALL CONNECT NEW WASTE INTO EXISTING WASTE.
6. CONTRACTOR SHALL CONNECT NEW PLUMBING FIXTURE INTO EX WASTE AND VENT.

2

PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.



BUILDING RISER - DWV



BUILDING RISER - MENS/WOMENS RR - DWV

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

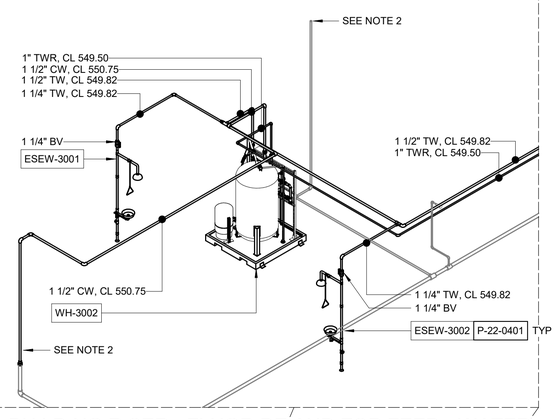
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
BUILDING RISER - DWV AND STORMWATER

1

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3007

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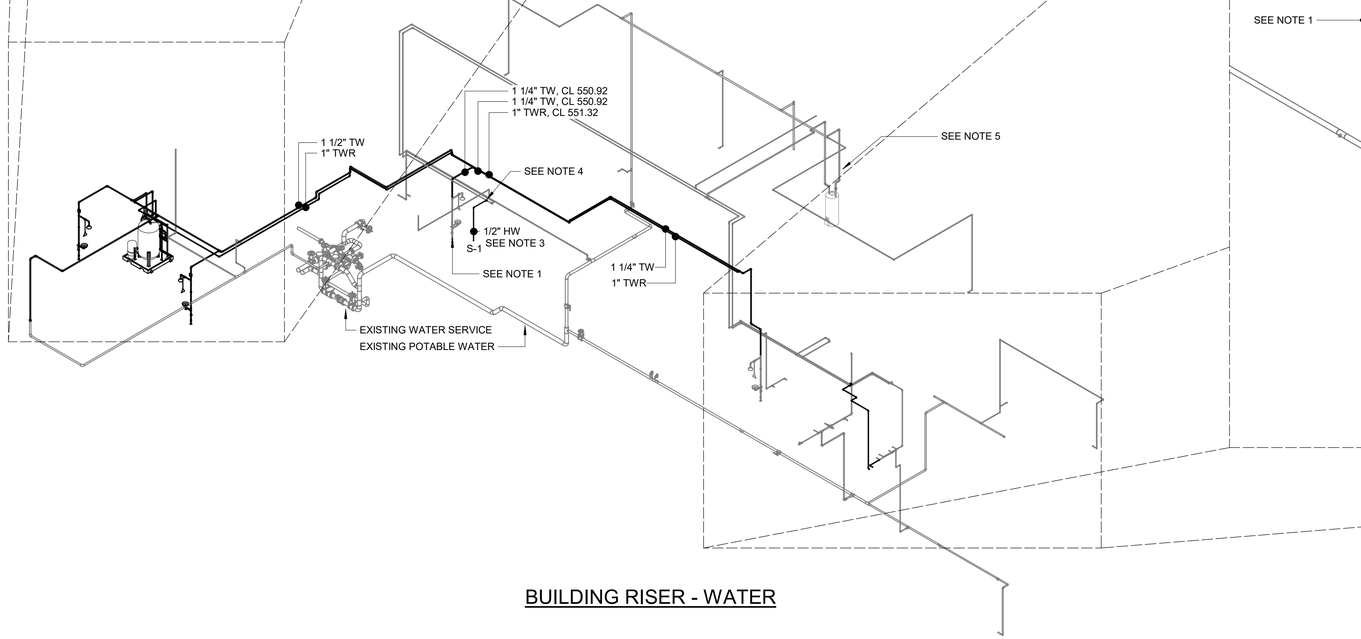


BUILDING RISER - FLUORIDE AND ZOP FEED - WATER

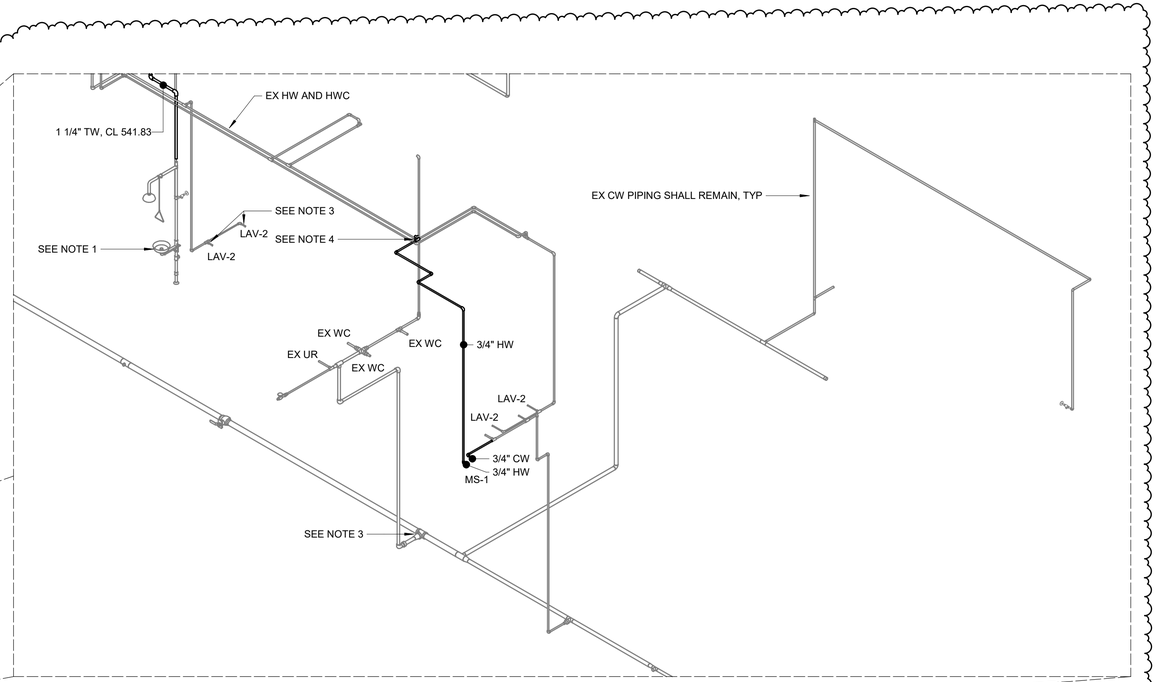
NOTES:

1. CONTRACTOR SHALL RETAIN EXISTING EMERGENCY SHOWER. CONTRACTOR SHALL PROVIDE NEW 1-1/4" TEPID WATER SUPPLY AND NEW EMERGENCY ALARM CONNECTED TO SCADA.
2. CONTRACTOR SHALL CONNECT NEW COLD WATER PIPING TO EXISTING WATER PIPING AT SLAB. CPVC/PVC SHALL BE USED FOR ALL WATER PIPING IN FLUORIDE AND ZOP FEED ROOMS.
3. CONTRACTOR SHALL CONNECT 1/2" HW AND CW SUPPLIES TO EXISTING HW AND CW FOR NEW PLUMBING FIXTURE.
4. CONTRACTOR SHALL BRANCH OF EXISTING HOT WATER WITH NEW HOT WATER SUPPLY FOR NEW PLUMBING FIXTURE. SEE RISER FOR SIZE.
5. PROVIDE PIPING AND RECIRCULATION PUMP FOR HOT WATER SYSTEM.

PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.



BUILDING RISER - WATER



BUILDING RISER - MENS/WOMENS RR - WATER

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
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1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

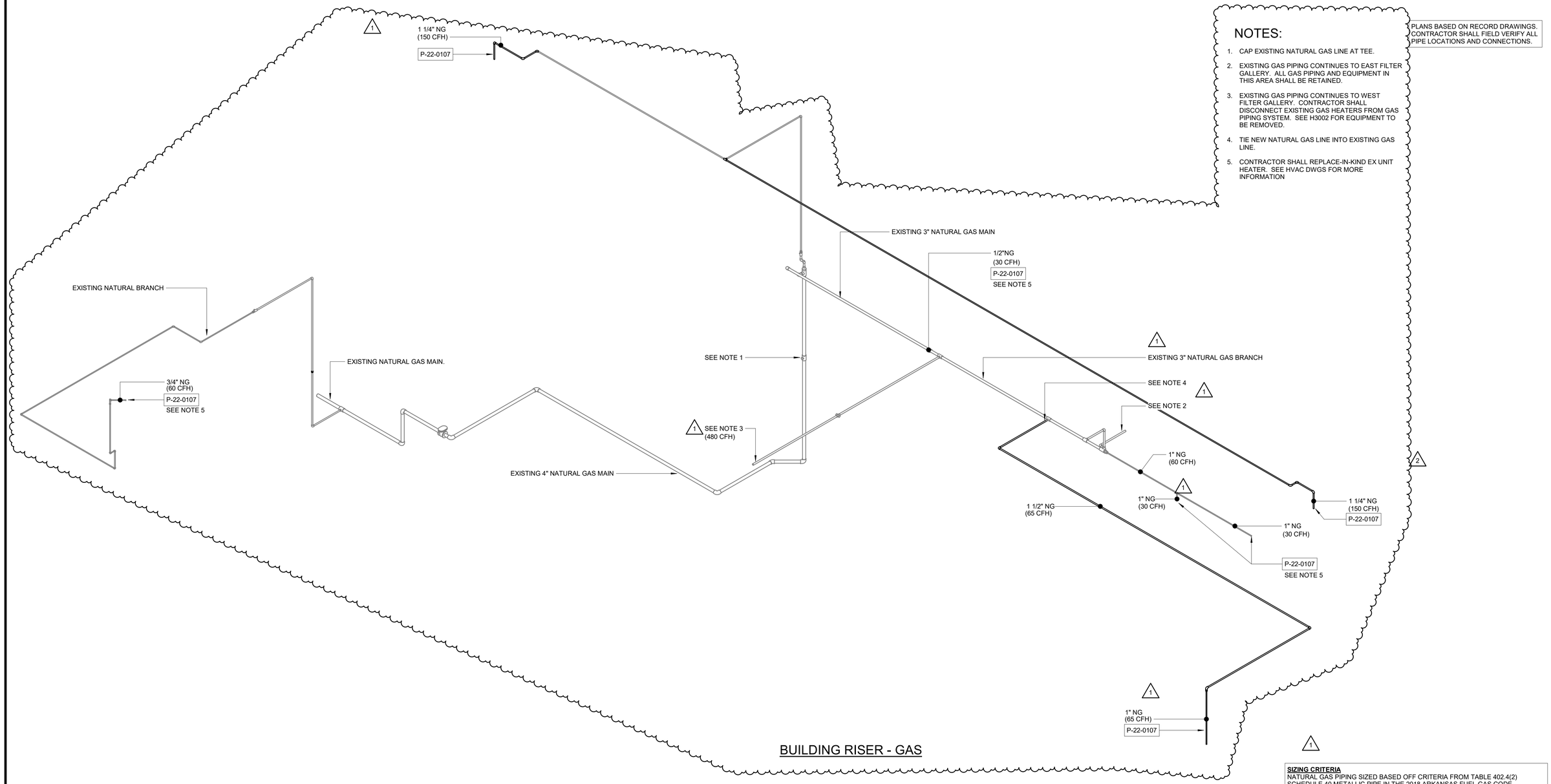
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
BUILDING RISER - WATER

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3008

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-PLUM.rvt
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NOTES:

1. CAP EXISTING NATURAL GAS LINE AT TEE.
2. EXISTING GAS PIPING CONTINUES TO EAST FILTER GALLERY. ALL GAS PIPING AND EQUIPMENT IN THIS AREA SHALL BE RETAINED.
3. EXISTING GAS PIPING CONTINUES TO WEST FILTER GALLERY. CONTRACTOR SHALL DISCONNECT EXISTING GAS HEATERS FROM GAS PIPING SYSTEM. SEE H3002 FOR EQUIPMENT TO BE REMOVED.
4. TIE NEW NATURAL GAS LINE INTO EXISTING GAS LINE.
5. CONTRACTOR SHALL REPLACE-IN-KIND EX UNIT HEATER. SEE HVAC DWGS FOR MORE INFORMATION

PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

SIZING CRITERIA
NATURAL GAS PIPING SIZED BASED OFF CRITERIA FROM TABLE 402.4(2) SCHEDULE 40 METALLIC PIPE IN THE 2018 ARKANSAS FUEL GAS CODE. EXISTING SYSTEM TO REMAIN HAS AN ESTIMATED LOAD OF 480 CFH WITH A PRESSURE REGULATOR SET POINT OF 14" W.C. NEW GAS PIPING HAS AN ADDITIONAL LOAD OF 995 CFH WITH A TOTAL DEVELOPED LENGTH OF 400 FEET.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

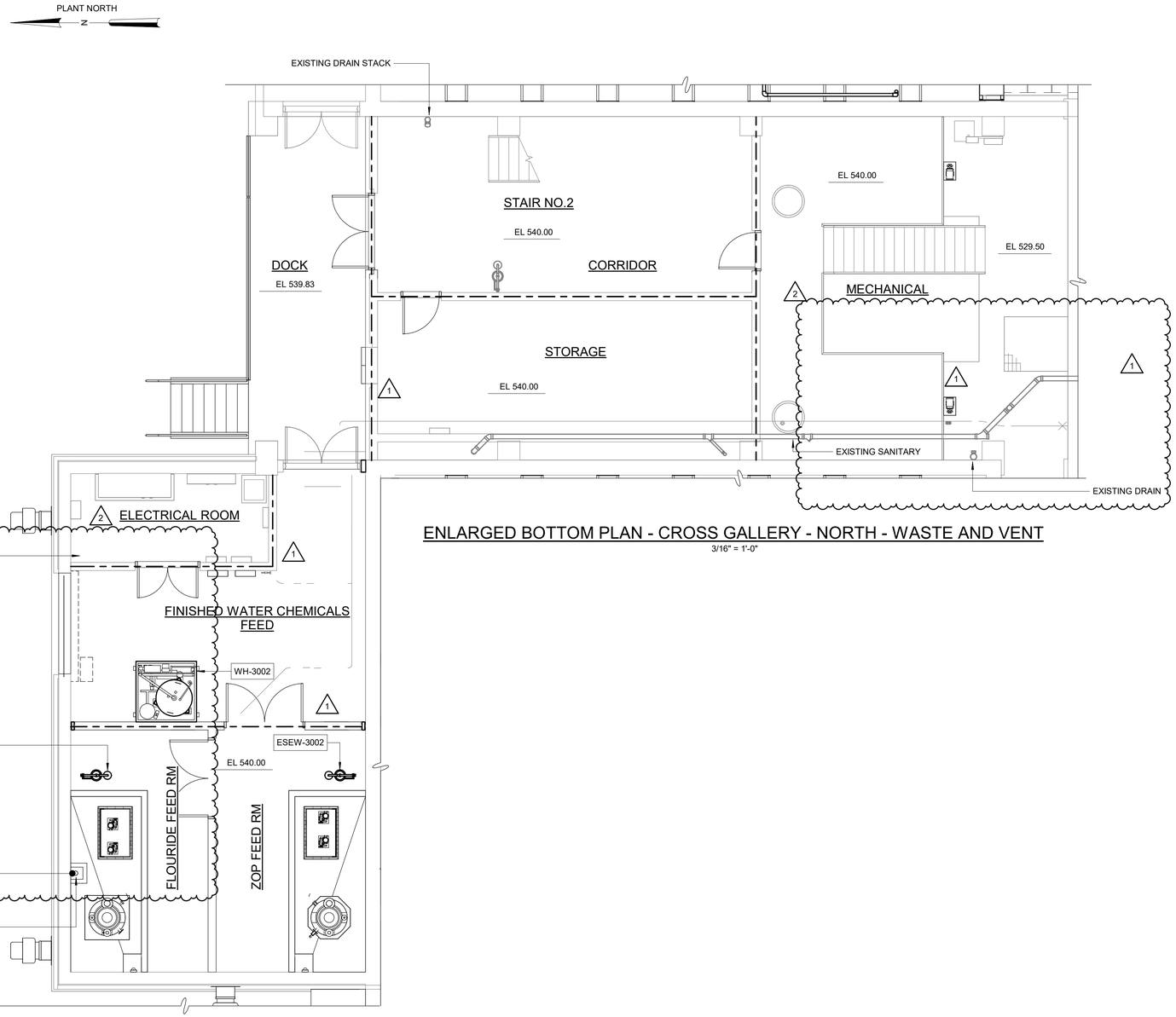
FILTER BUILDING
PLUMBING
BUILDING RISER - GAS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3009

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-PLUM.rvt
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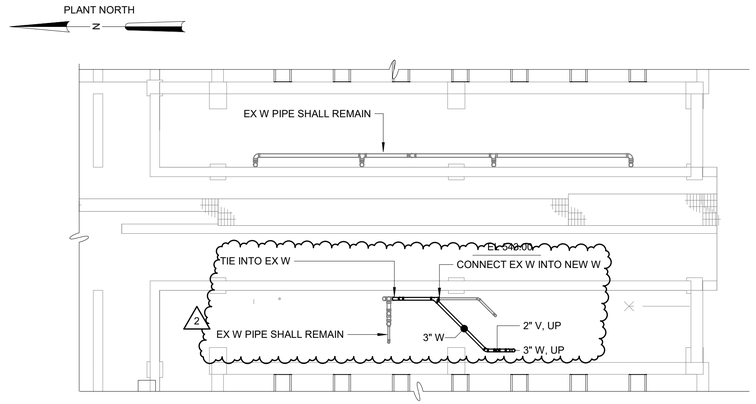
NOTES:

1. CONTRACTOR SHALL CONNECT NEW ROOF DRAIN PIPING TO EXISTING DRAIN PIPE. ALL DRAIN PIPING IN FLUORIDE ROOM SHALL BE PVC.
2. 4" WASTE DN TO EXISTING 4" SANITARY STACK. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING SANITARY STACK. REFER TO P3003 FOR CONTINUATION.
3. WASTE UP TO PLUMBING FIXTURE. REFER TO P3012 FOR CONTINUATION.
4. VENT UP. REFER TO P3012 FOR CONTINUATION.
5. CONTRACTOR SHALL TIE NEW 3" WASTE LINE INTO EXISTING WASTE STACK. SEE P3007 FOR MORE INFORMATION.
6. 3" WASTE UP TO ANALYZER ROOM. SEE PROCESS MECHANICAL DRAWINGS FOR CONTINUATION.



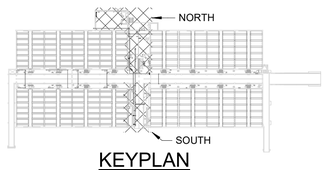
ENLARGED BOTTOM PLAN - CROSS GALLERY - NORTH - WASTE AND VENT

3/16" = 1'-0"



ENLARGED BOTTOM PLAN - CROSS GALLERY - SOUTH - WASTE AND VENT

1/8" = 1'-0"



KEYPLAN

1" = 100'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

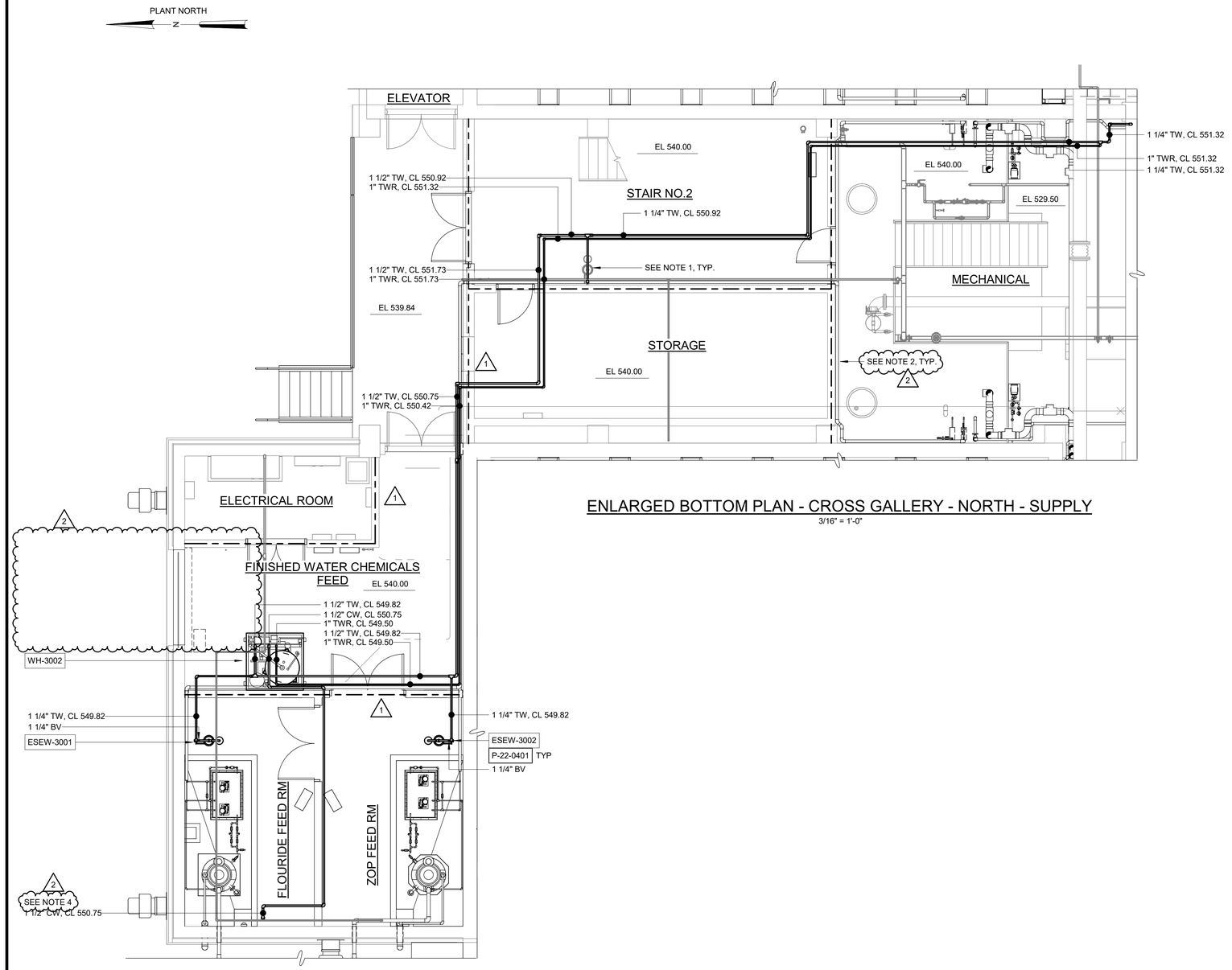
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
ENLARGED BOTTOM PLAN - CROSS GALLERY - WASTE AND VENT

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3010

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PLANT NORTH



ENLARGED BOTTOM PLAN - CROSS GALLERY - NORTH - SUPPLY

3/16" = 1'-0"

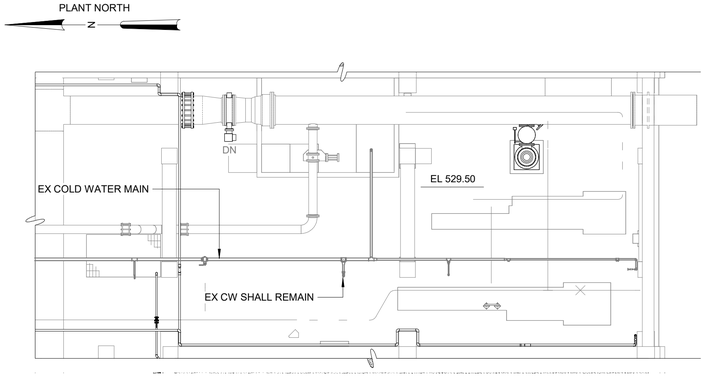
NOTES:

2

1. PROVIDE EMERGENCY ALARM SYSTEM CONNECTED TO SCADA FOR EXISTING EMERGENCY SHOWERS.
2. REFER TO PROCESS MECHANICAL DRAWINGS.
3. REFER TO ARCHITECTURAL DRAWINGS.
4. CONTRACTOR SHALL CONNECT NEW COLD WATER PIPING TO EXISTING POTABLE LINE. CPVC/PVC SHALL BE USED FOR ALL WATER PIPING IN FLUORIDE AND ZOP FEED ROOMS.

2

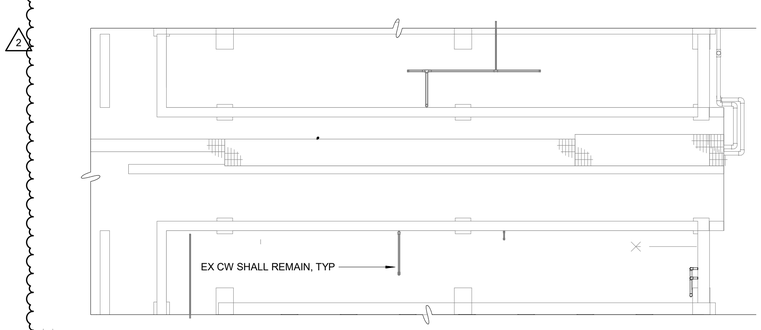
PLANT NORTH



ENLARGED BOTTOM PLAN - CROSS GALLERY - SOUTH - SUPPLY

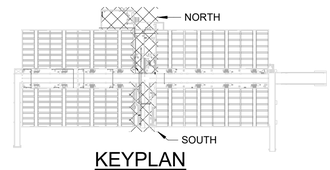
1/8" = 1'-0"

PLANT NORTH



ENLARGED BOTTOM PLAN - CROSS GALLERY - SOUTH - SUPPLY

1/8" = 1'-0"



KEYPLAN

1" = 100'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

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Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

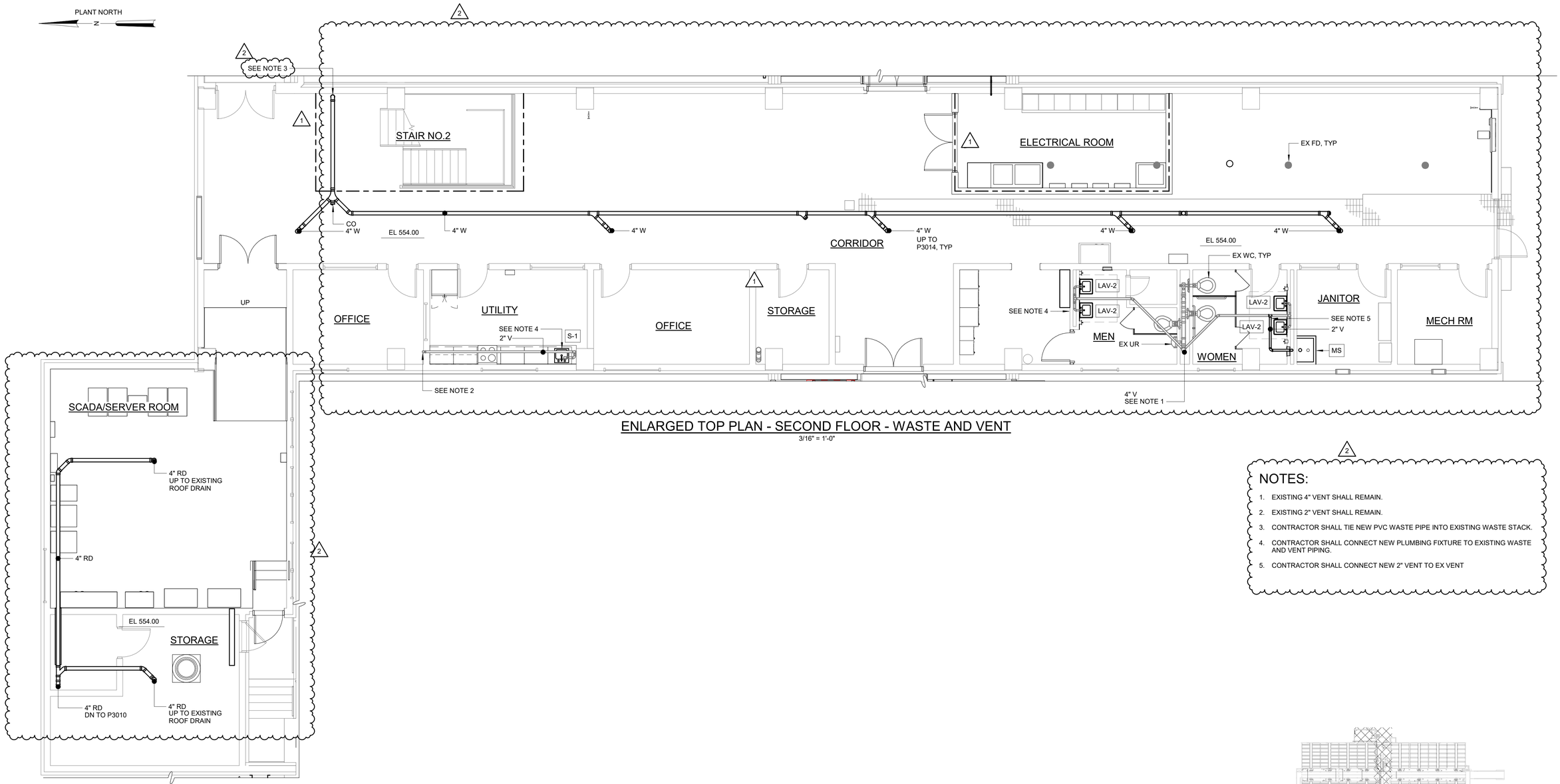
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
ENLARGED BOTTOM PLAN - CROSS GALLERY - SUPPLY

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3011

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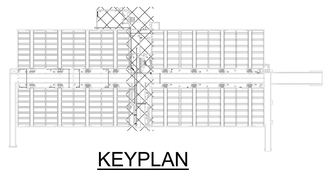


ENLARGED TOP PLAN - SECOND FLOOR - WASTE AND VENT

3/16" = 1'-0"

NOTES:

1. EXISTING 4" VENT SHALL REMAIN.
2. EXISTING 2" VENT SHALL REMAIN.
3. CONTRACTOR SHALL TIE NEW PVC WASTE PIPE INTO EXISTING WASTE STACK.
4. CONTRACTOR SHALL CONNECT NEW PLUMBING FIXTURE TO EXISTING WASTE AND VENT PIPING.
5. CONTRACTOR SHALL CONNECT NEW 2" VENT TO EX VENT



KEYPLAN

1" = 100'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

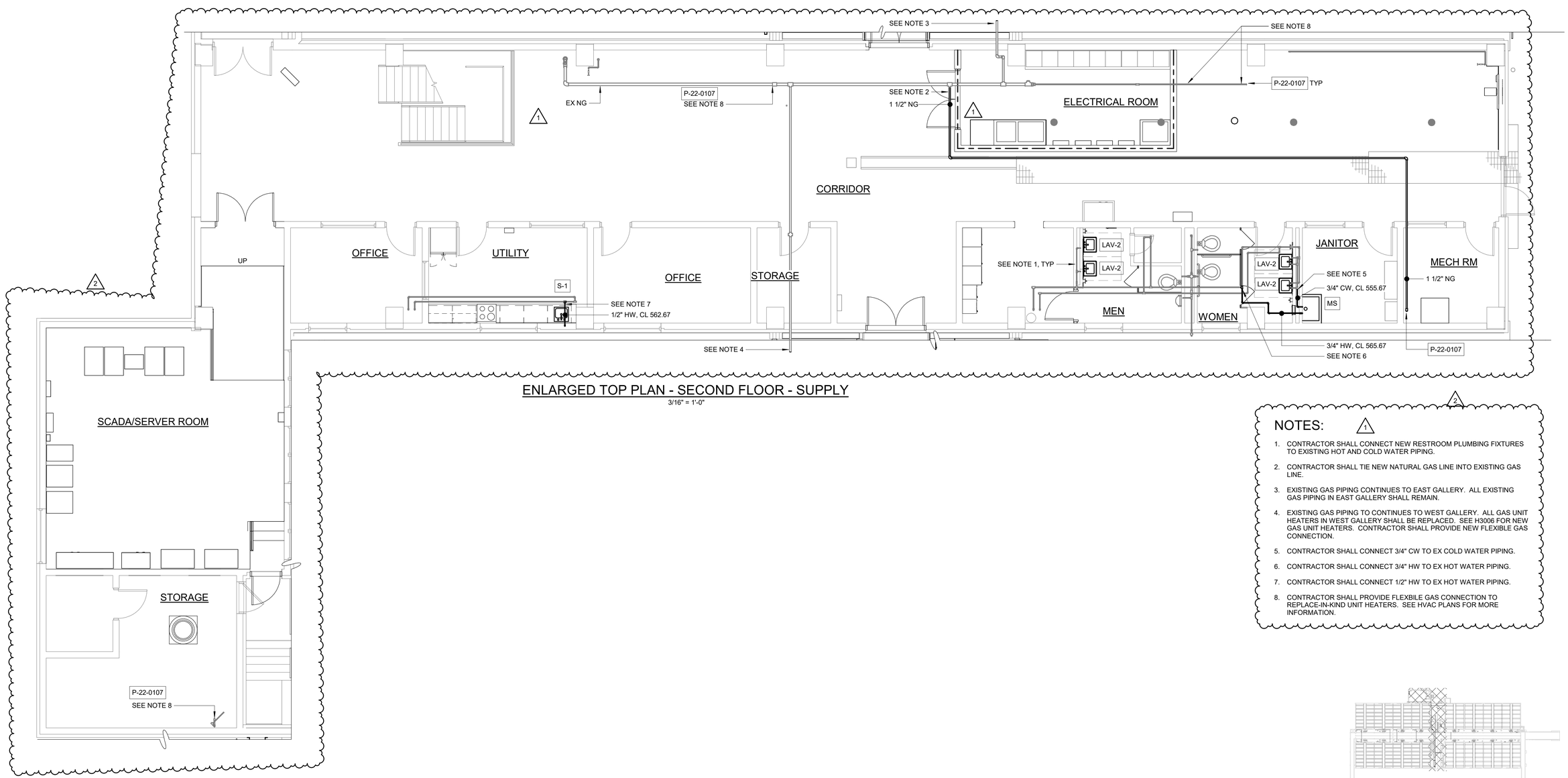
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
ENLARGED TOP PLAN - SECOND FLOOR - WASTE AND VENT

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3012

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PLANT NORTH



ENLARGED TOP PLAN - SECOND FLOOR - SUPPLY

3/16" = 1'-0"

NOTES:

1. CONTRACTOR SHALL CONNECT NEW RESTROOM PLUMBING FIXTURES TO EXISTING HOT AND COLD WATER PIPING.
2. CONTRACTOR SHALL TIE NEW NATURAL GAS LINE INTO EXISTING GAS LINE.
3. EXISTING GAS PIPING CONTINUES TO EAST GALLERY. ALL EXISTING GAS PIPING IN EAST GALLERY SHALL REMAIN.
4. EXISTING GAS PIPING TO CONTINUES TO WEST GALLERY. ALL GAS UNIT HEATERS IN WEST GALLERY SHALL BE REPLACED. SEE H3006 FOR NEW GAS UNIT HEATERS. CONTRACTOR SHALL PROVIDE NEW FLEXIBLE GAS CONNECTION.
5. CONTRACTOR SHALL CONNECT 3/4" CW TO EX COLD WATER PIPING.
6. CONTRACTOR SHALL CONNECT 3/4" HW TO EX HOT WATER PIPING.
7. CONTRACTOR SHALL CONNECT 1/2" HW TO EX HOT WATER PIPING.
8. CONTRACTOR SHALL PROVIDE FLEXBILE GAS CONNECTION TO REPLACE-IN-KIND UNIT HEATERS. SEE HVAC PLANS FOR MORE INFORMATION.

KEYPLAN

1" = 100'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

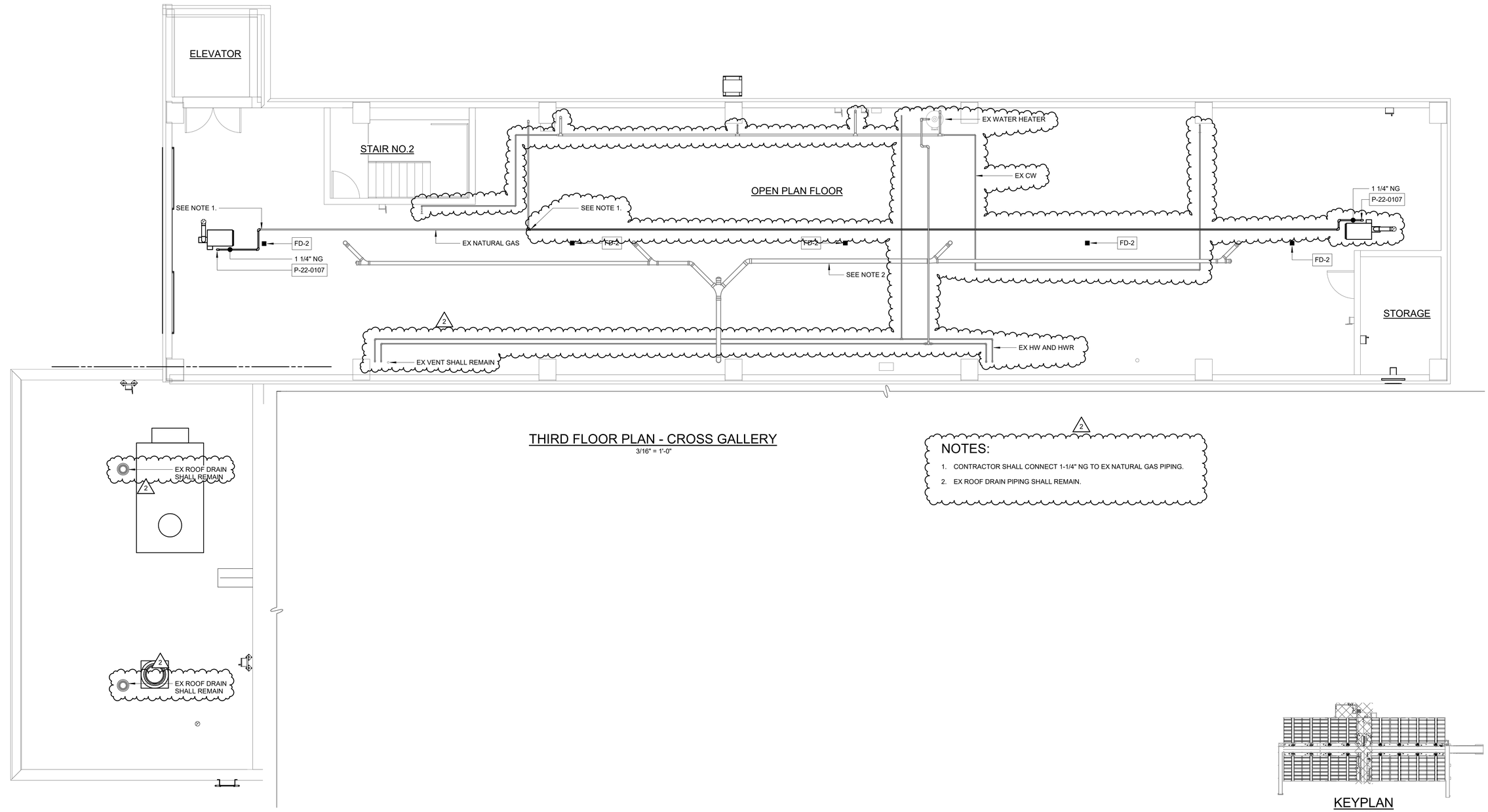
JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
ENLARGED TOP PLAN - SECOND FLOOR - SUPPLY

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3013

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PLANT NORTH



THIRD FLOOR PLAN - CROSS GALLERY

3/16" = 1'-0"

2

NOTES:

1. CONTRACTOR SHALL CONNECT 1-1/4" NG TO EX NATURAL GAS PIPING.
2. EX ROOF DRAIN PIPING SHALL REMAIN.

KEYPLAN

1" = 100'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

FILTER BUILDING
PLUMBING
ENLARGED TOP PLAN - THIRD FLOOR

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3014

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NOT USED

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REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

2
FILTER BUILDING
PLUMBING
NOT USED

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	P3015

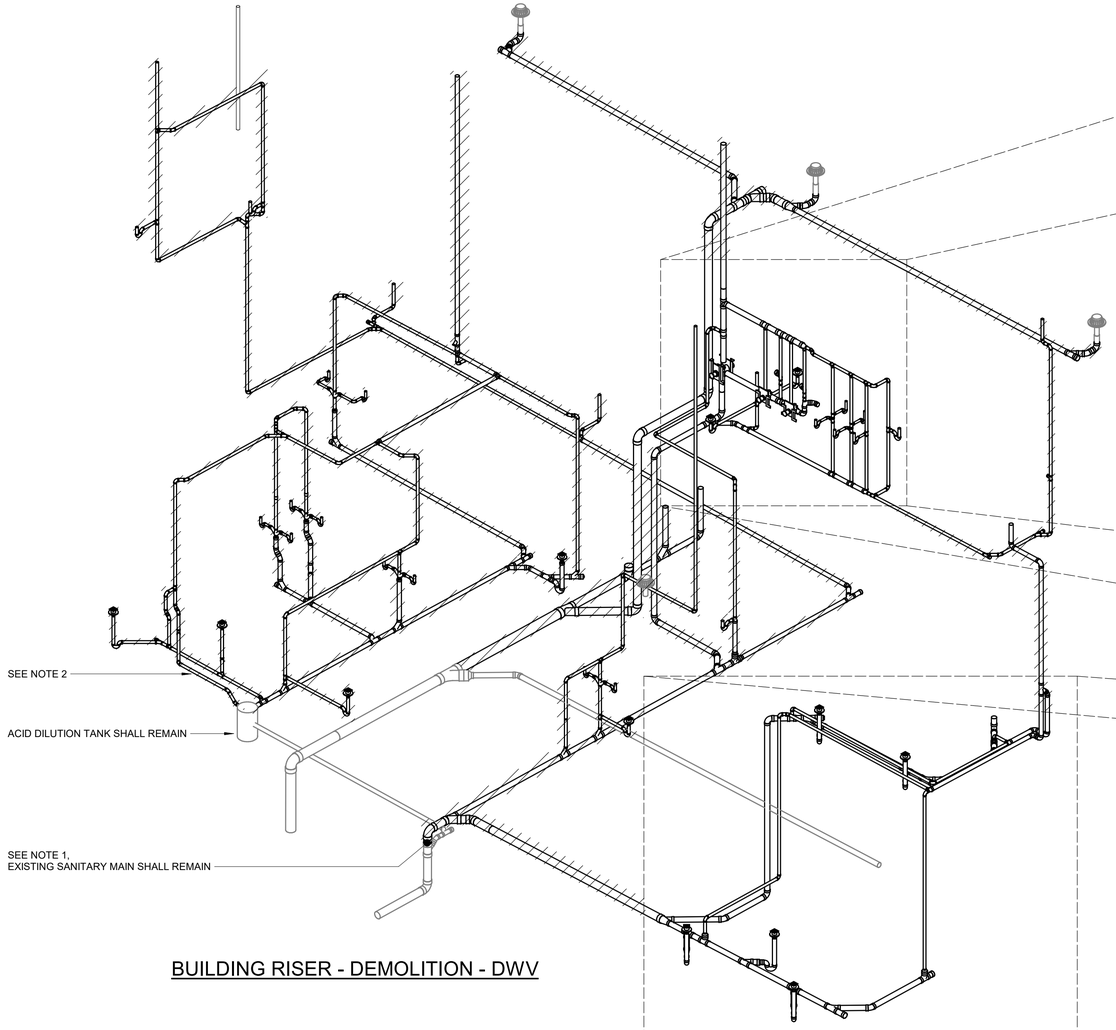
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

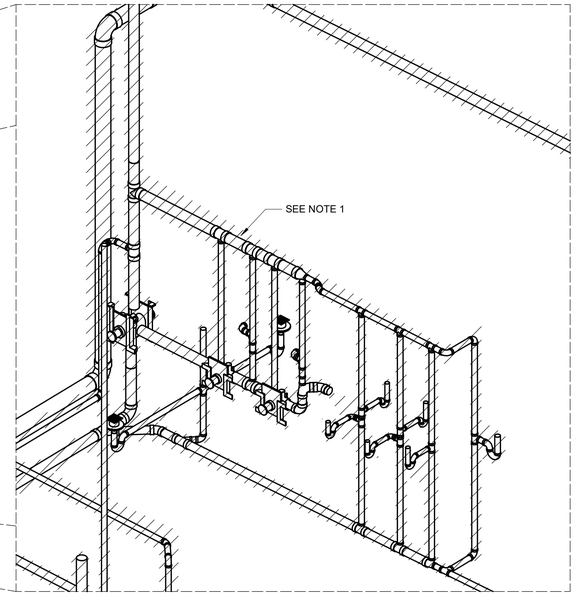
EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOTES:

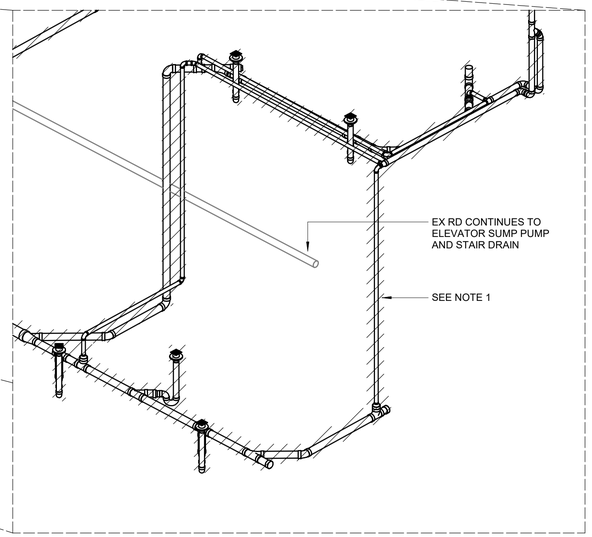
1. CONTRACTOR SHALL REMOVE ALL SANITARY, WASTE, AND VENT PIPING IN BUILDING, EXCEPT FOR SANITARY MAIN EXITING BUILDING.
2. CONTRACTOR SHALL REMOVE ALL ACID WASTE AND ACID VENT PIPING IN BUILDING FROM FIXTURES TO ACID DILUTION TANK. ACID DILUTION TANK AND CONNECTION TO BUILDING DRAIN SHALL REMAIN.



BUILDING RISER - DEMOLITION - DWV



RESTROOMS - DEMOLITION - DWV



PILOT PLANT - DEMOLITION - DWV

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
DEMOLITION RISER - DWV

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8000

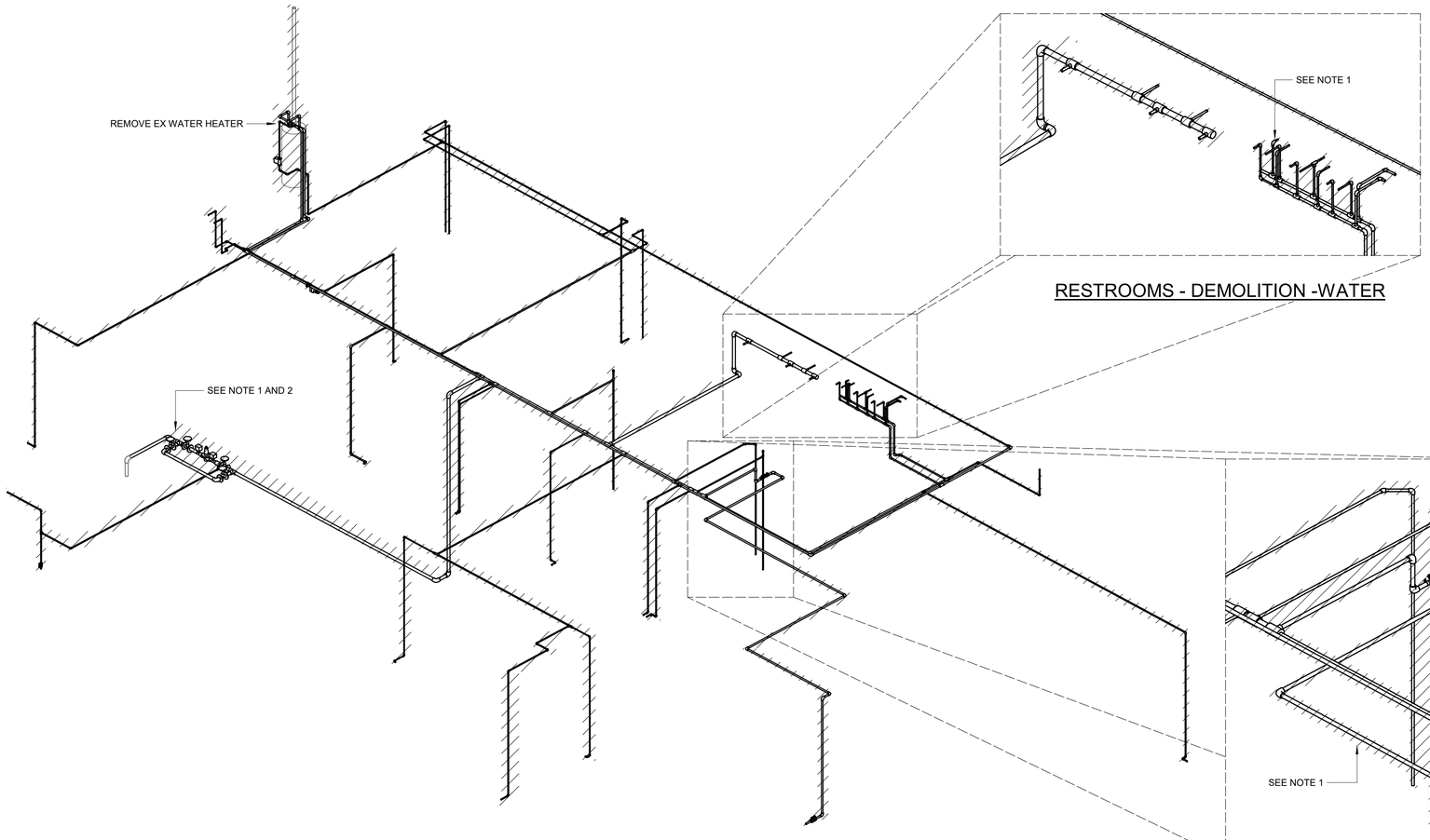
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

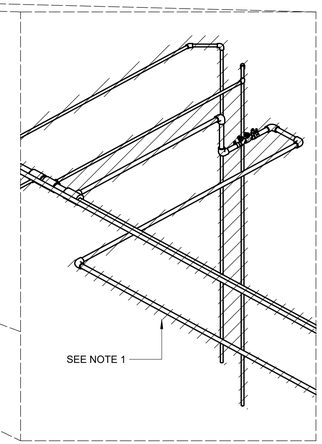
NOTES:

1. CONTRACTOR SHALL REMOVE EXISTING WATER LINES AS SHOWN HATCHED. ALL WATER PIPING DOWNSTREAM OF BUILDING SHUTOFF SHALL BE REMOVED.
2. CONTRACTOR SHALL REMOVE ALL COMPRESSED AIR AND GAS PIPING IN BUILDING BACK TO GAS CYLINDER STORAGE ROOM.



BUILDING RISER - DEMOLITION - WATER

RESTROOMS - DEMOLITION -WATER



JANITOR CLOSET - DEMOLITION - WATER

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

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Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
DEMOLITION RISER - WATER

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8001

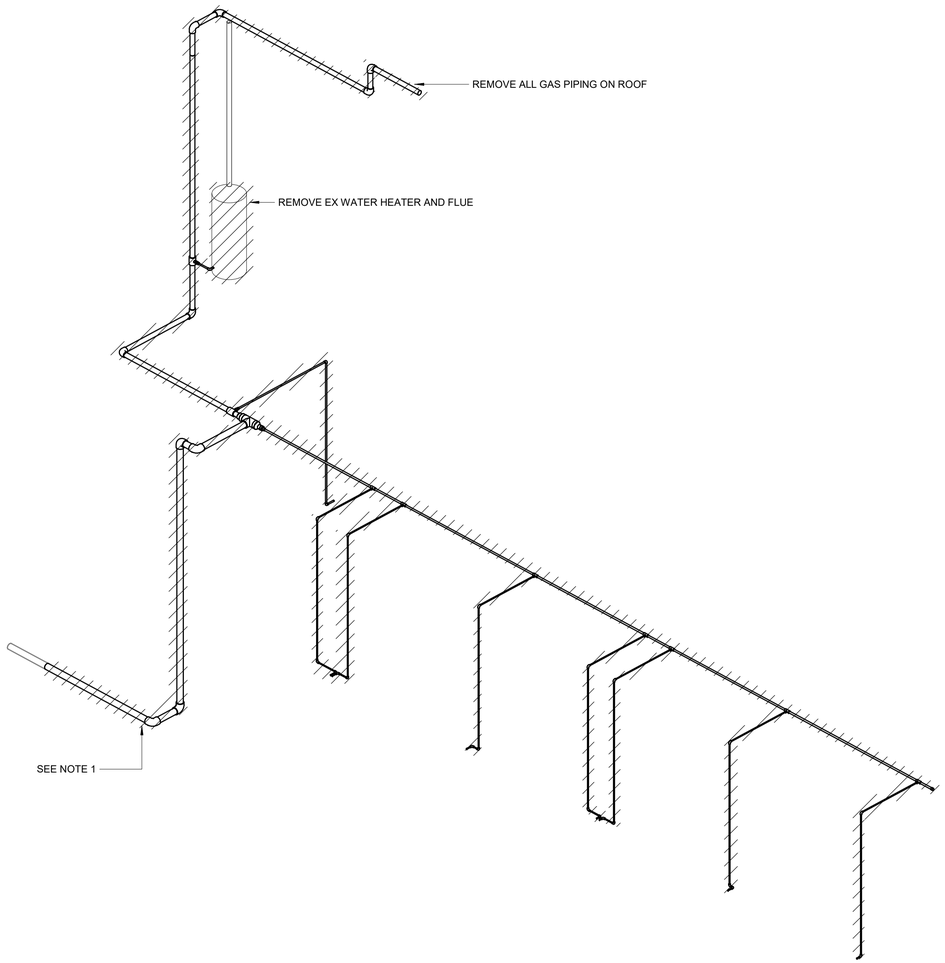
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOTES:

1. CONTRACTOR SHALL REMOVE ALL GAS PIPING DOWNSTREAM OF BUILDING SHUTOFF VALVE.



BUILDING RISER - DEMOLITION - GAS

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
DEMOLITION RISER - GAS

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8002

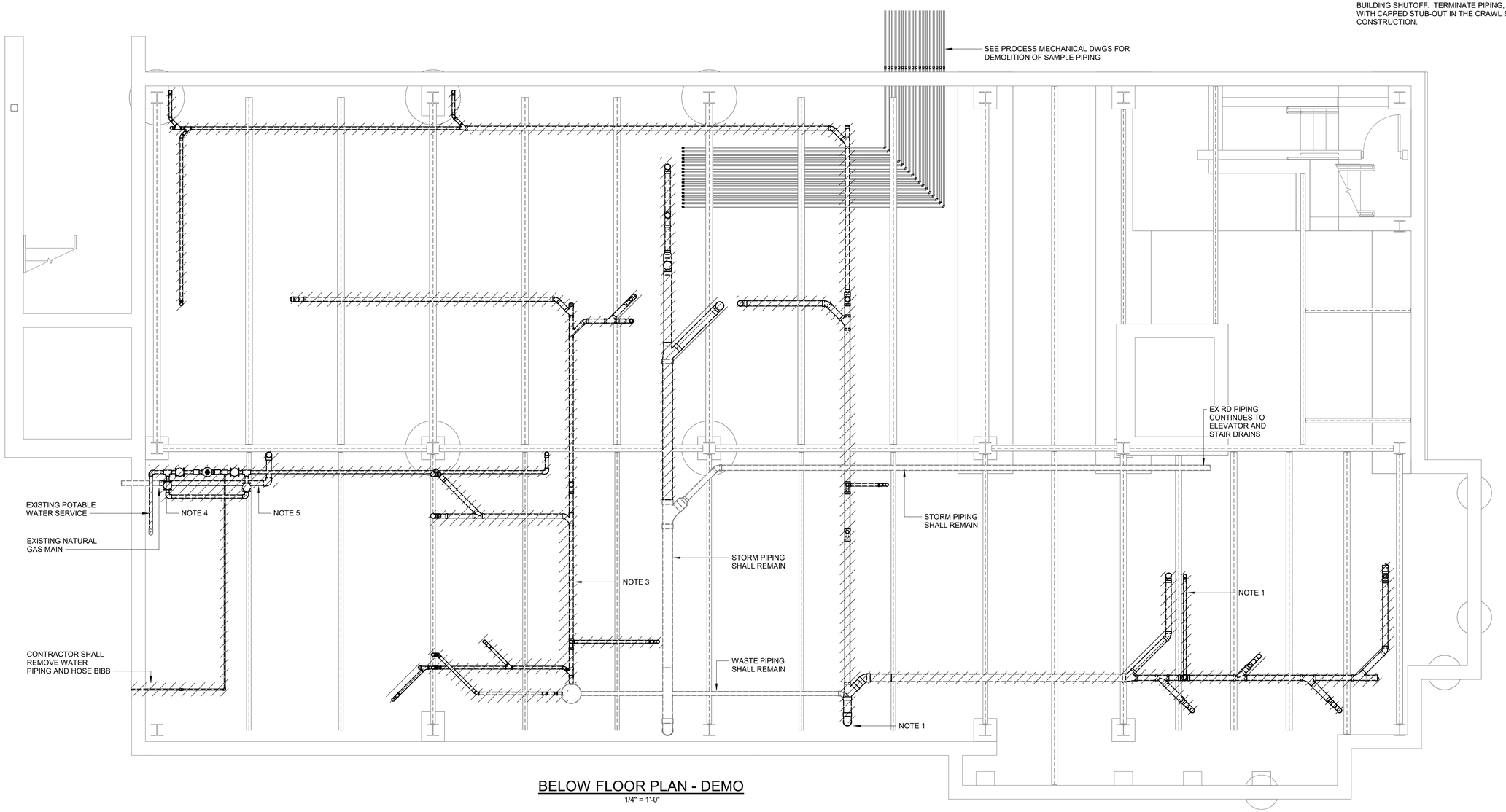
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOTES:

1. CONTRACTOR SHALL REMOVE ALL WASTE PIPING UPSTREAM OF THE BUILDING SANITARY MAIN AT THE POINT OF EXIT FROM THE BUILDING. TERMINATE PIPING, AS SHOWN HATCHED, WITH CAPPED STUB-OUT IN THE CRAWL SPACE FOR NEW CONSTRUCTION.
2. CONTRACTOR SHALL REMOVE ALL SANITARY VENT PIPING IN CRAWL SPACE.
3. CONTRACTOR SHALL REMOVE ALL ACID WASTE PIPING IN CRAWL SPACE. ACID DILUTION TANK SHALL REMAIN FOR REUSE.
4. CONTRACTOR SHALL REMOVE ALL POTABLE WATER PIPING DOWNSTREAM OF THE BUILDING MAIN SHUTOFF VALVE. TERMINATE PIPING, AS SHOWN HATCHED, WITH CAPPED STUB-OUT IN THE CRAWL SPACE FOR NEW CONSTRUCTION.
5. CONTRACTOR SHALL REMOVE ALL GAS PIPING DOWNSTREAM OF BUILDING SHUTOFF. TERMINATE PIPING, AS SHOWN HATCHED, WITH CAPPED STUB-OUT IN THE CRAWL SPACE FOR NEW CONSTRUCTION.



BELOW FLOOR PLAN - DEMO

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
BELOW FLOOR PLAN - DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8003

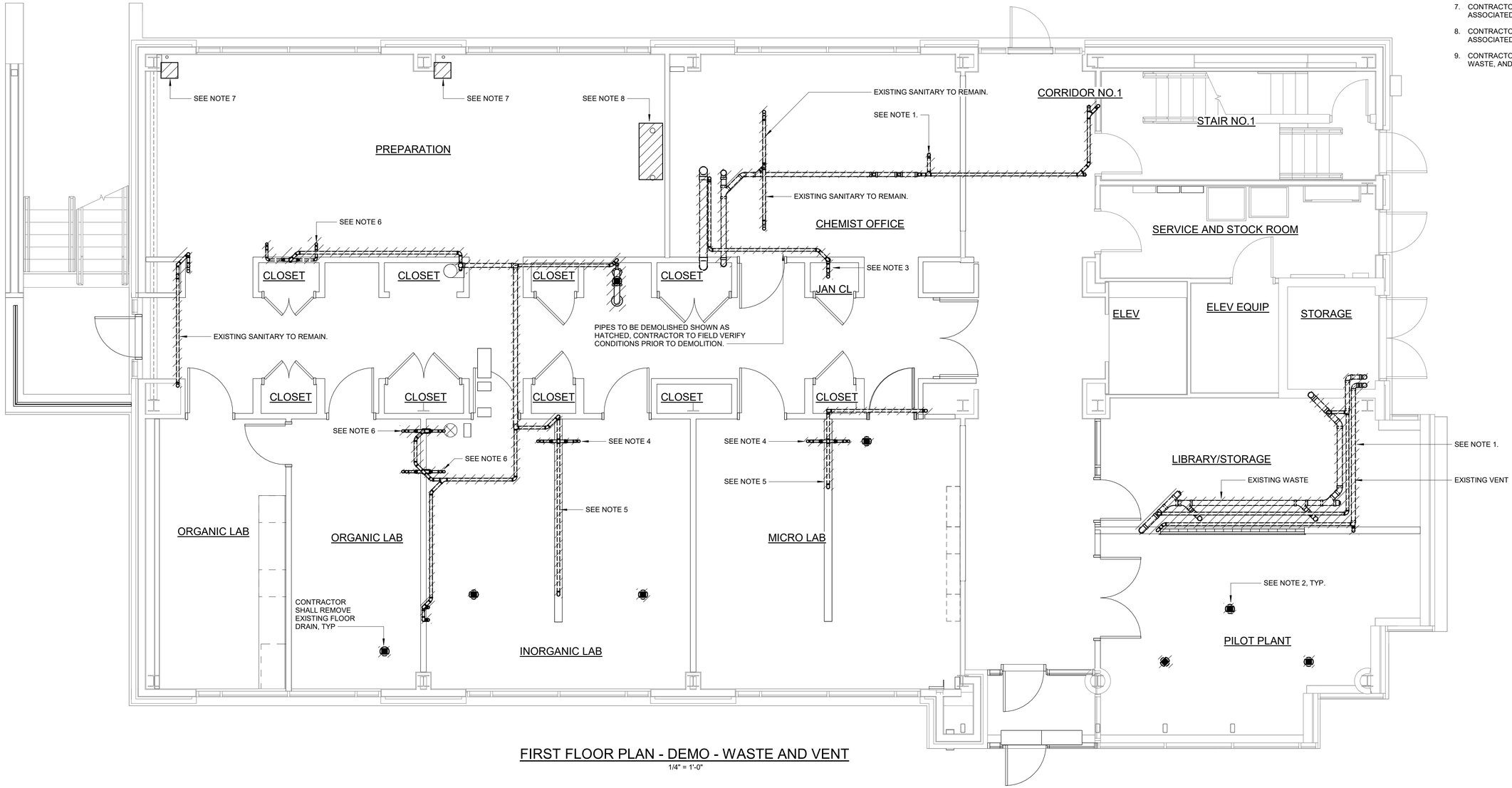
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOTES:

1. CONTRACTOR SHALL REMOVE ALL EXISTING WASTE AND VENT ASSOCIATED WITH RESTROOMS ABOVE.
2. CONTRACTOR SHALL REMOVE EXISTING FLOOR DRAINS AND ALL ASSOCIATED WASTE AND VENT PIPING.
3. CONTRACTOR SHALL REMOVE EXISTING SERVICE SINK AND ALL ASSOCIATED WASTE AND VENT PIPING.
4. CONTRACTOR SHALL REMOVE LAB SINK AND ALL WASTE AND VENT PIPING ASSOCIATED WITH SINK.
5. CONTRACTOR SHALL REMOVE ALL WASTE AND VENT PIPING IN CABINETS.
6. CONTRACTOR SHALL REMOVE ALL WASTE AND VENT PIPING ASSOCIATED WITH FUME HOOD.
7. CONTRACTOR SHALL REMOVE EXISTING LAB SINK AND ALL ASSOCIATED WASTE AND VENT PIPING.
8. CONTRACTOR SHALL REMOVE SAMPLE SINK AND ALL ASSOCIATED WASTE AND VENT PIPING.
9. CONTRACTOR SHALL REMOVE ALL WASTE, VENT, ACID WASTE, AND ACID VENT PIPING ON THIS FLOOR.



FIRST FLOOR PLAN - DEMO - WASTE AND VENT

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
FIRST FLOOR PLAN - DEMOLITION - WASTE AND VENT

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8004

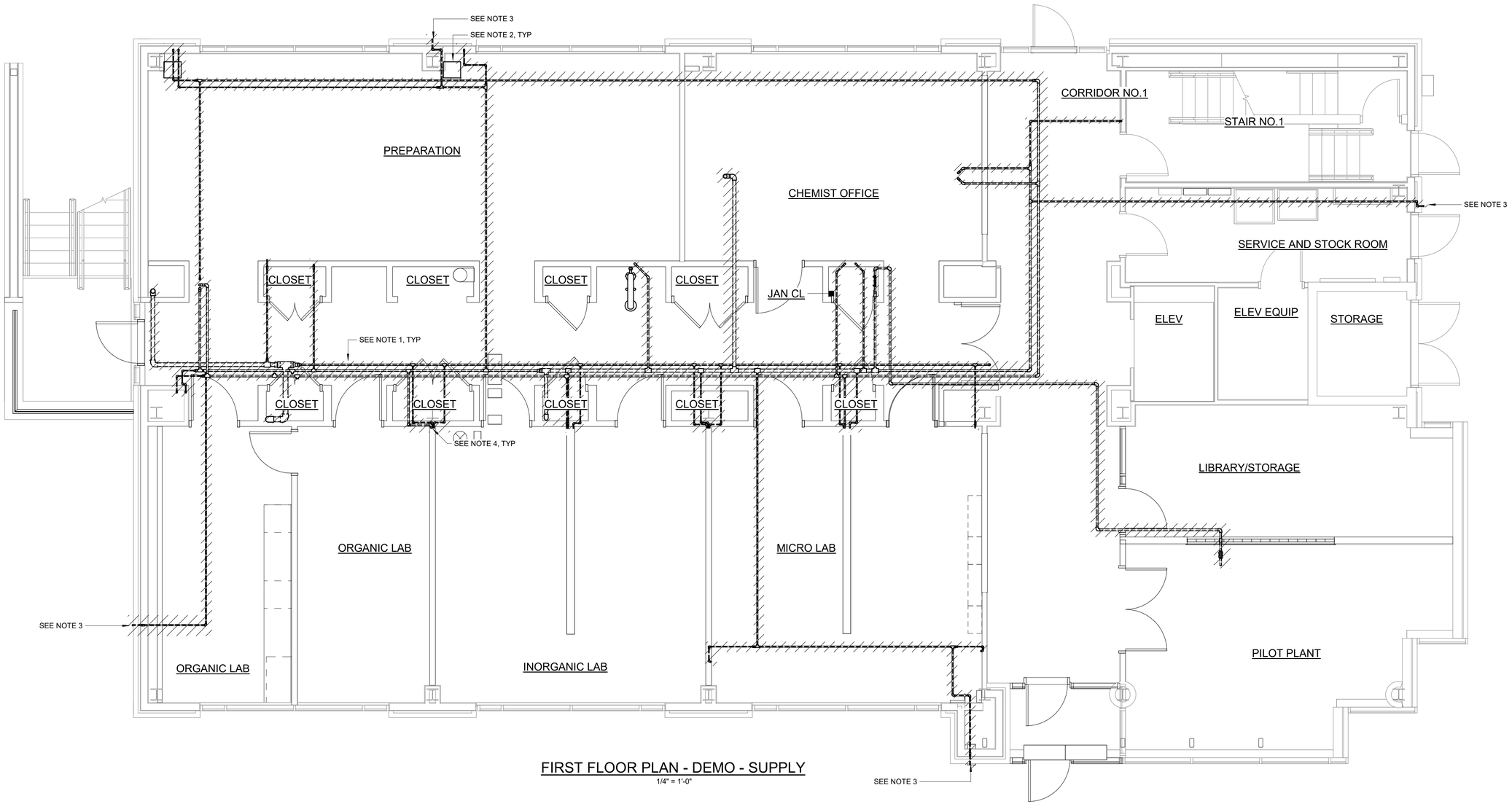
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOTES:

1. CONTRACTOR SHALL REMOVE ALL EXISTING WATER AND GAS LINES ON THIS FLOOR.
2. CONTRACTOR SHALL REMOVE ALL PLUMBING FIXTURES ON THIS FLOOR.
3. CONTRACTOR SHALL REMOVE EXISTING HOSE BIBB AND RETAIN WALL OPENING FOR NEW HOSE BIBB.
4. CONTRACTOR SHALL REMOVE ALL COMPRESSED GAS PIPING ON THIS FLOOR.



FIRST FLOOR PLAN - DEMO - SUPPLY

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
FIRST FLOOR PLAN - DEMOLITION - SUPPLY

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8005

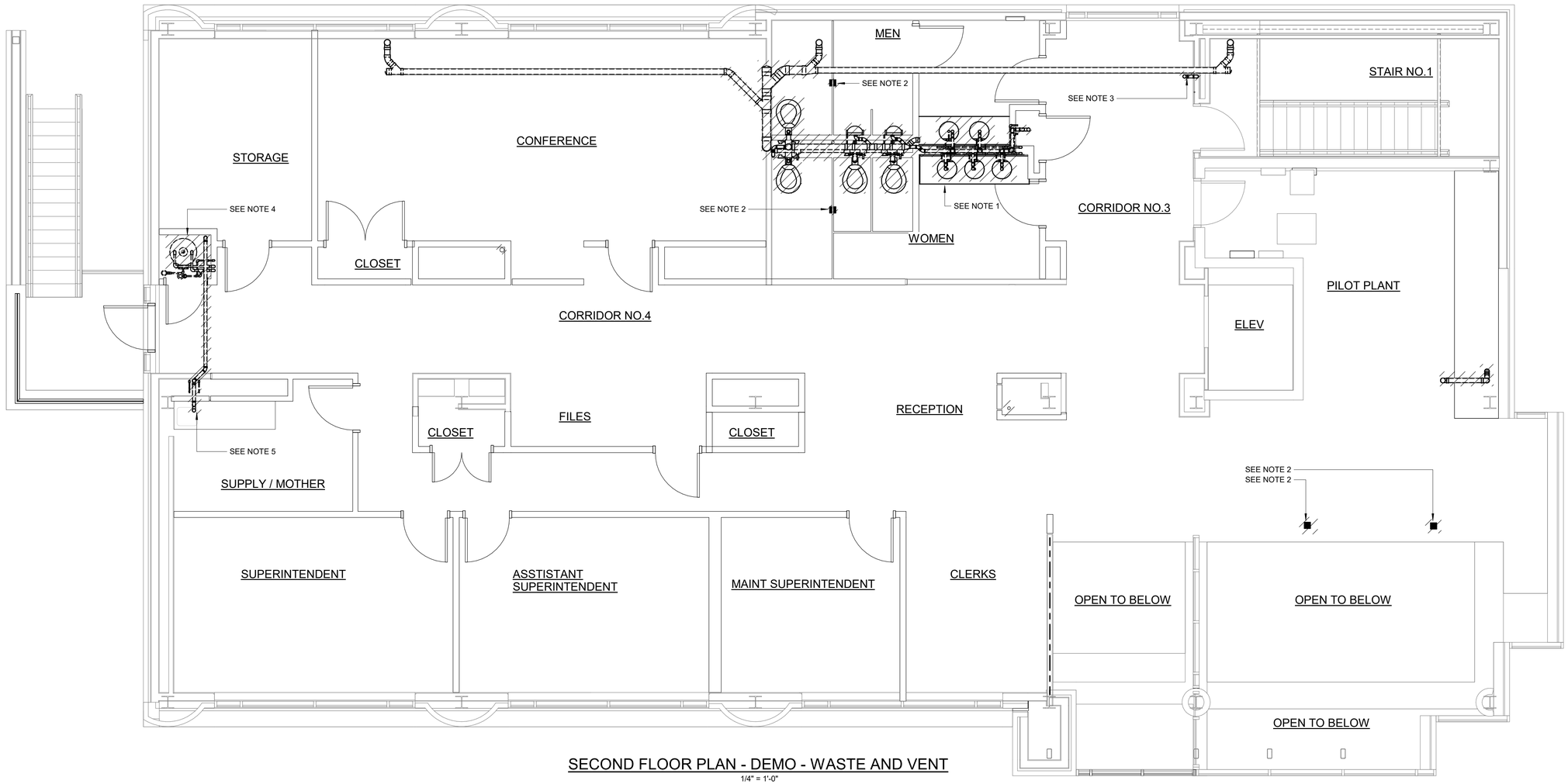
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOTES:

1. CONTRACTOR SHALL REMOVE EXISTING WATER CLOSETS, URINALS, LAVATORIES, AND SERVICE SINK. CONTRACTOR SHALL REMOVE ALL WALL CARRIERS, WASTE AND VENT PIPING ASSOCIATED WITH THESE FIXTURES.
2. CONTRACTOR SHALL REMOVE EXISTING FLOOR DRAIN AND FILL.
3. CONTRACTOR SHALL REMOVE EXISTING DRINKING FOUNTAIN. CONTRACTOR SHALL REMOVE EXISTING WASTE AND VENT PIPING. CONTRACTOR SHALL SEAL VENT ROOF PENETRATION.
4. CONTRACTOR SHALL REMOVE EXISTING GAS WATER HEATER. AND EXISTING FLUE.
5. CONTRACTOR SHALL REMOVE EXISTING SINK AND FAUCET AND ALL ASSOCIATED WASTE AND VENT PIPING.
6. ALL WASTE AND VENT PIPING ON THIS FLOOR SHALL BE REMOVED.



SECOND FLOOR PLAN - DEMO - WASTE AND VENT

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

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2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
SECOND FLOOR PLAN - DEMOLITION - WASTE AND VENT

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8006

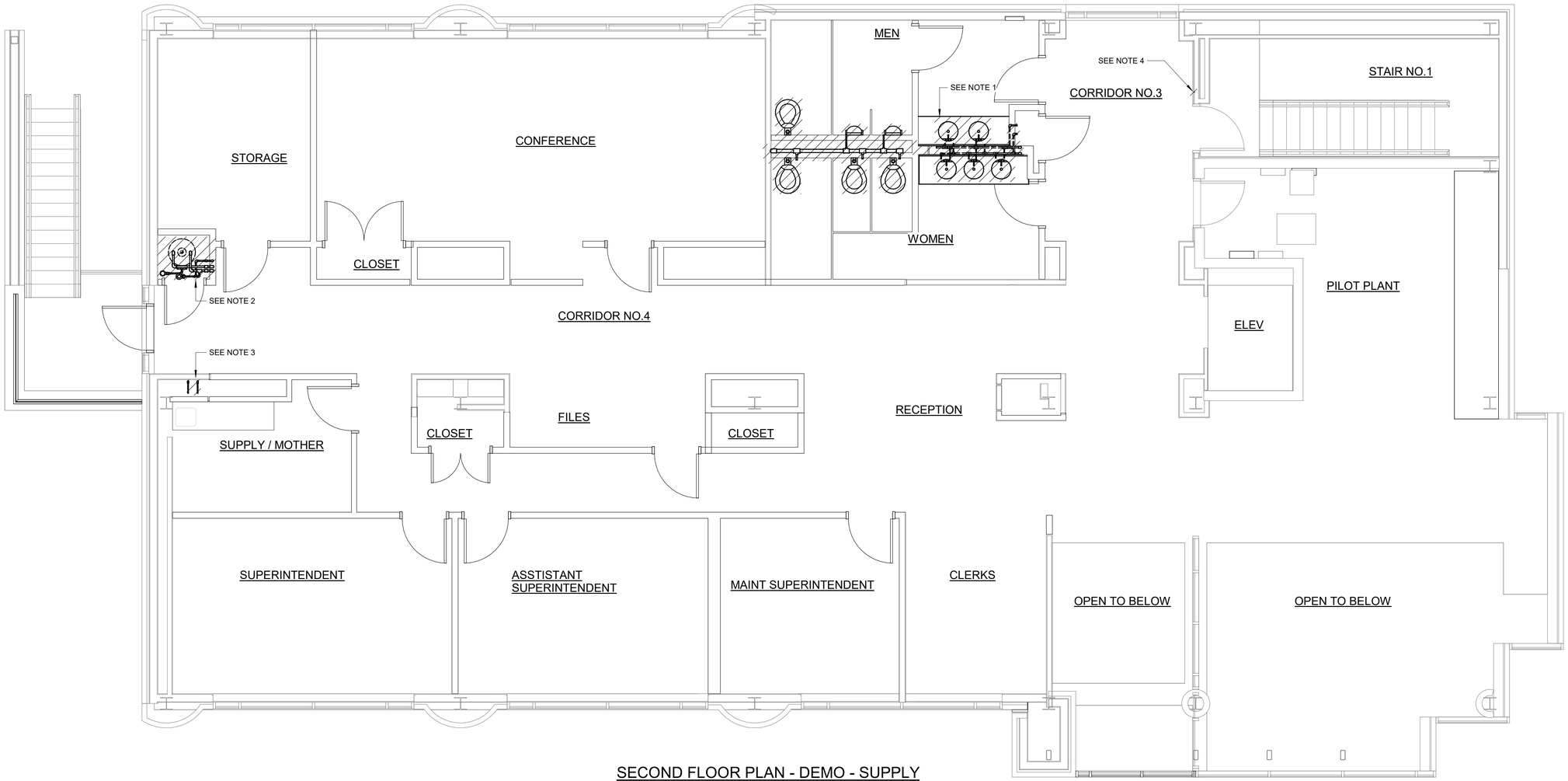
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOTES:

1. CONTRACTOR SHALL EXISTING WATER CLOSETS, URINALS, LAVATORIES, AND SERVICE SINK. CONTRACTOR SHALL REMOVE ALL EXISTING HOT AND COLD WATER PIPING ASSOCIATED WITH THESE FIXTURES.
2. CONTRACTOR SHALL REMOVE WATER HEATER, RECIRCULATION PUMP, EXPANSION TANK, AND ALL GAS AND WATER PIPING.
3. CONTRACTOR SHALL REMOVE EXISTING SINK AND FAUCET AND ALL ASSOCIATED WATER PIPING.
4. CONTRACTOR SHALL REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED WATER PIPING.
5. CONTRACTOR SHALL REMOVE ALL WATER AND GAS PIPING LOCATED ON THIS FLOOR.



SECOND FLOOR PLAN - DEMO - SUPPLY

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
SECOND FLOOR PLAN - DEMOLITION - SUPPLY

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8007

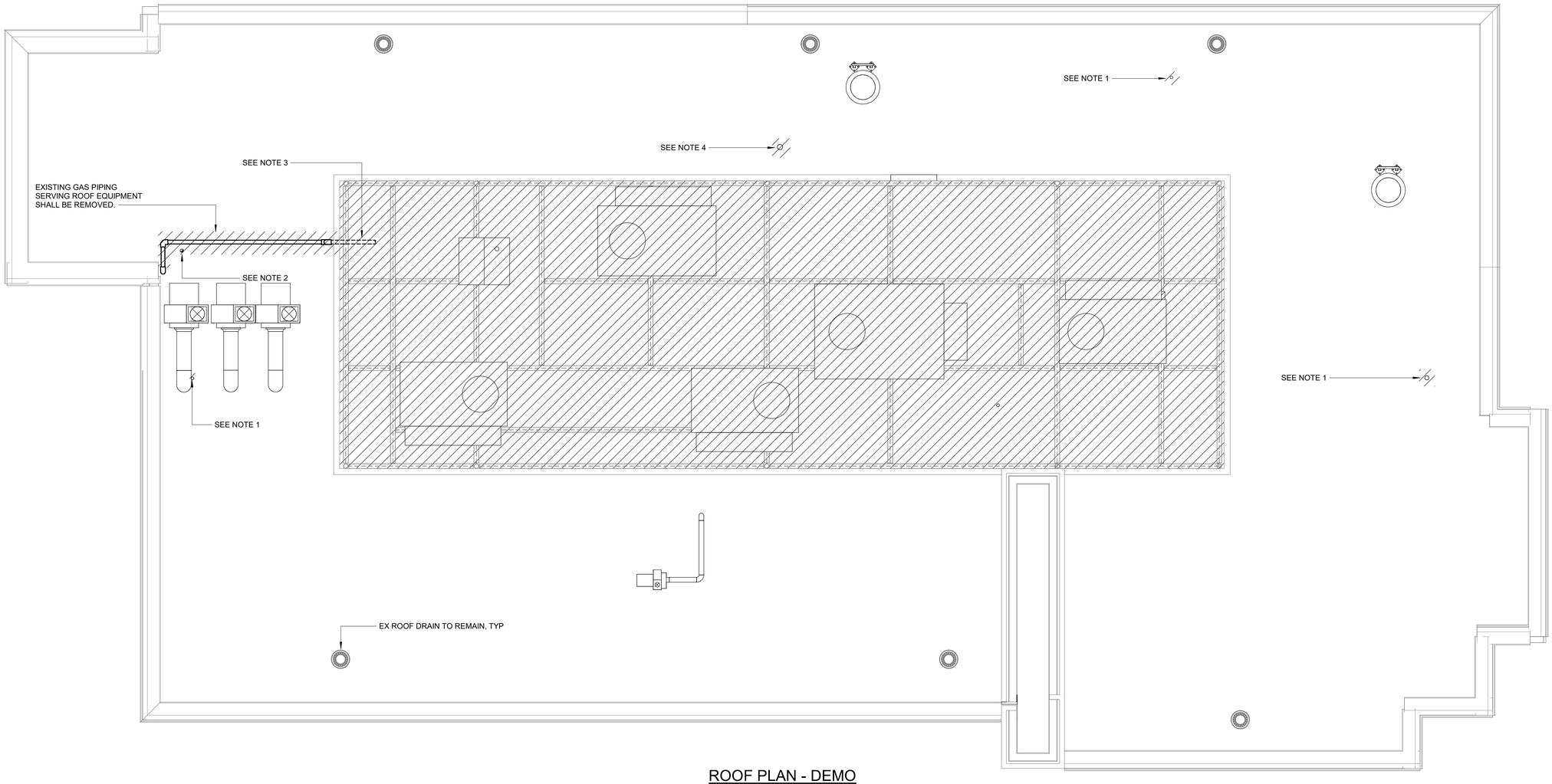
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOTES:

1. CONTRACTOR SHALL REMOVE VENT THROUGH ROOF AND SEAL ROOF PENETRATION.
2. CONTRACTOR SHALL REMOVE EXISTING WATER HEATER FLUE AND SEAL ROOF PENETRATION.
3. GAS PIPING CONTINUES TO HVAC EQUIPMENT. ALL GAS PIPING ON ROOF SHALL BE REMOVED.
4. CONTRACTOR SHALL REMOVE VENT THROUGH ROOF. EXISTING PENETRATION SHALL REMAIN FOR REUSE.



ROOF PLAN - DEMO
1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
ROOF PLAN - DEMOLITION

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8008

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PLANS BASED ON RECORD DRAWINGS.
CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

EXISTING PIPE SHALL BE REMOVED AND DEMOLISHED, AS SHOWN HATCHED.

NOT USED 2

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

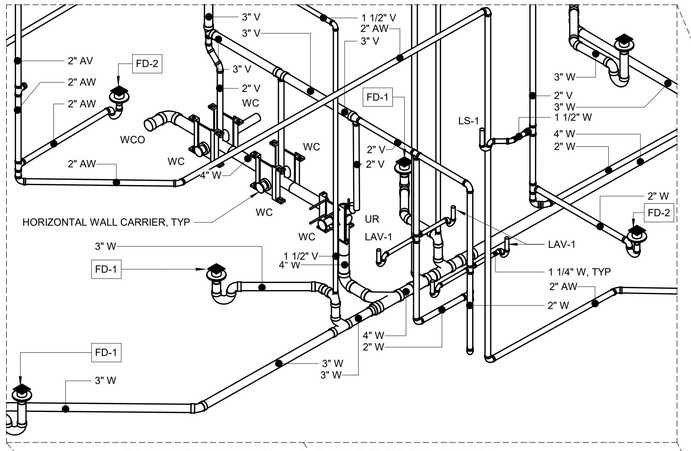
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

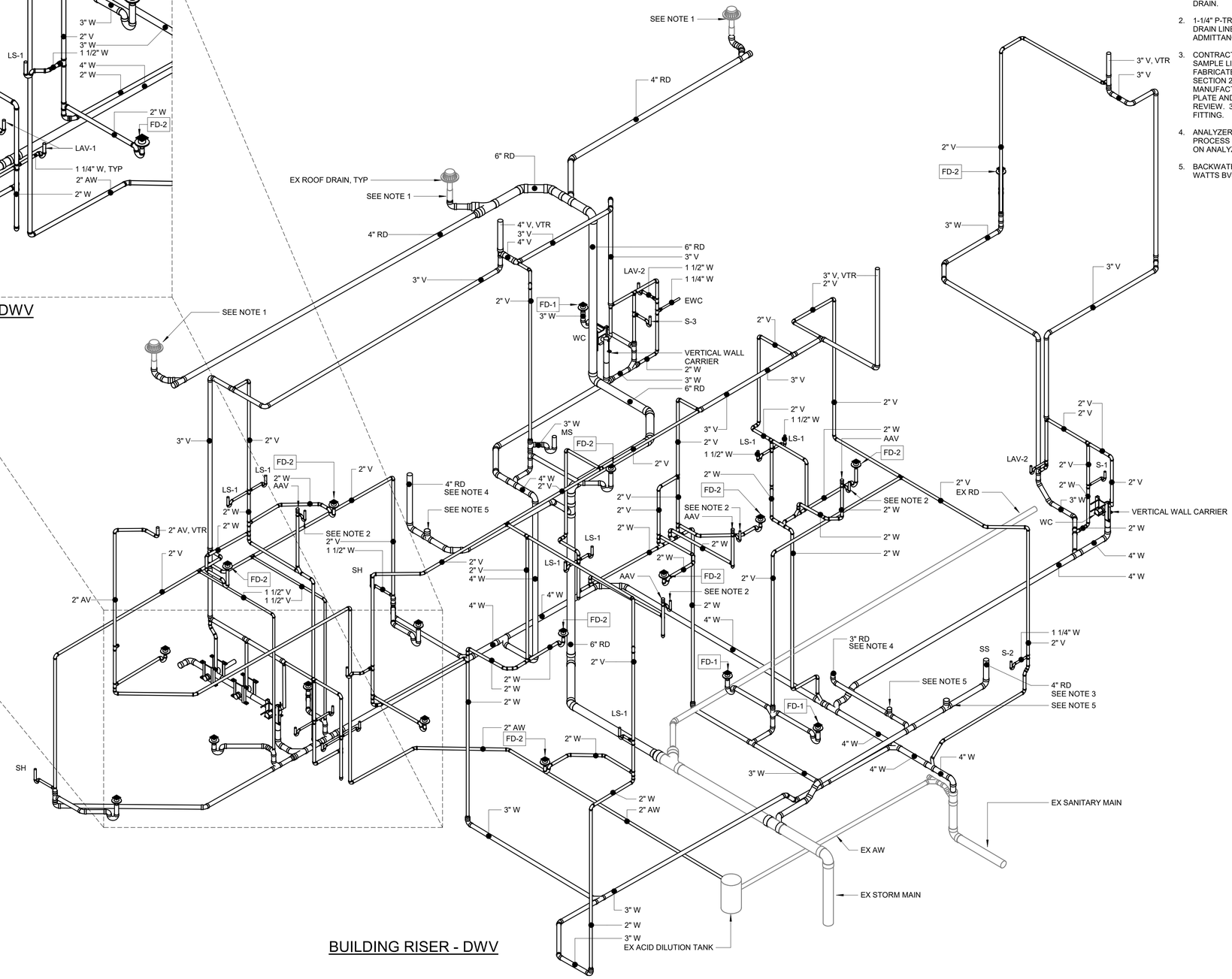
ADMINISTRATION BUILDING
PLUMBING
NOT USED

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8009

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BUILDING RISER - RESTROOMS - DWV



BUILDING RISER - DWV

NOTES:

1. CONTRACTOR SHALL CONNECT 4" RD TO EXISTING ROOF DRAIN.
2. 1-1/4" P-TRAP AND DRAIN SERVING DECK-MOUNTED CUP SINK. DRAIN LINE SHALL CONNECT TO 2" DRAIN LINE WITH AIR ADMITTANCE VALVE SERVING AS VENT.
3. CONTRACTOR SHALL CONNECT NEW SAMPLE SINK TO SAMPLE LINES AND DRAIN. SAMPLE SINK SHALL BE CUSTOM FABRICATED STAINLESS STEEL 36" X 18" SINK. REFER TO SECTION 22 40 00 FOR SINK REQUIREMENTS. MANUFACTURER OR CMAR TO FURNISH WELDED BACKING PLATE AND SUBMIT BACKING PLATE DETAIL FOR ENGINEER REVIEW. 3" DRAIN SHALL DISCHARGE IN 4"RD WITH AIR GAP FITTING.
4. ANALYZER DISCHARGE SHALL DRAIN TO 4" RD BELOW. SEE PROCESS MECHANICAL DRAWINGS FOR MORE INFORMATION ON ANALYZERS.
5. BACKWATER VALVE SHALL MATCH PIPE SIZE ON PLAN. WATTS BV-200 OR APPROVED EQUAL.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

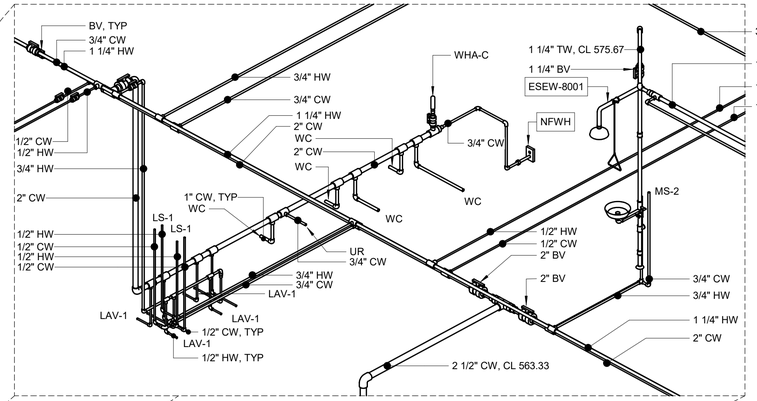
ADMINISTRATION BUILDING
PLUMBING
BUILDING RISER - DWV

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8010

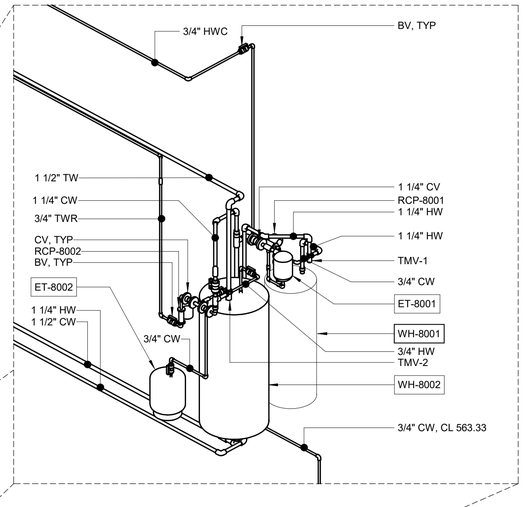
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NOTES:

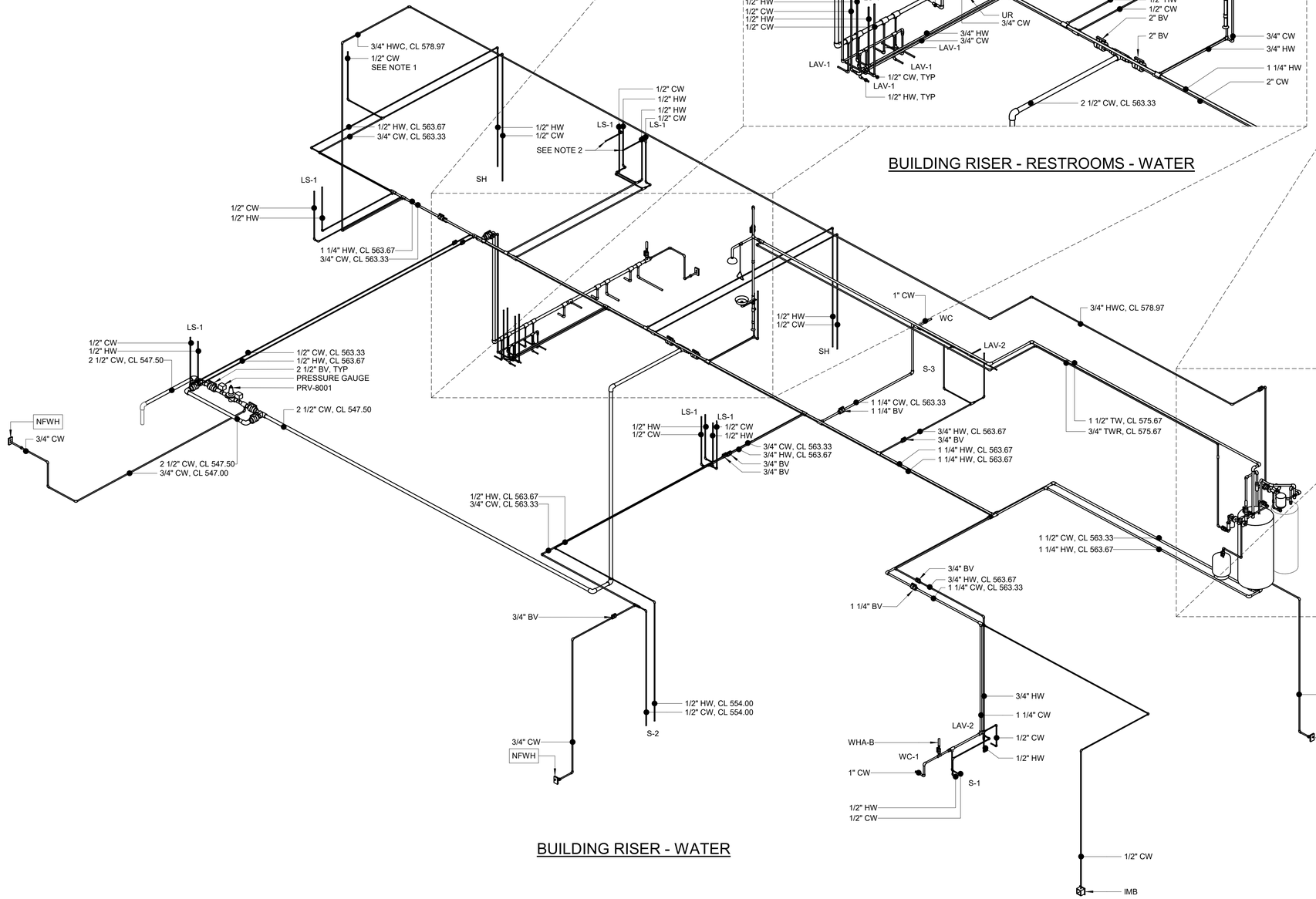
1. CONTRACTOR SHALL CONNECT CW TO FUME HOOD PER MANUFACTURER'S INSTRUCTIONS.
2. CONTRACTOR SHALL CONNECT CW TO DEIONIZED WATER SYSTEM. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER REQUIREMENTS FOR SYSTEM, INCLUDING BACKFLOW PREVENTION, MATERIALS, ETC.



BUILDING RISER - RESTROOMS - WATER



BUILDING RISER - WATER - WATER HEATERS



BUILDING RISER - WATER

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

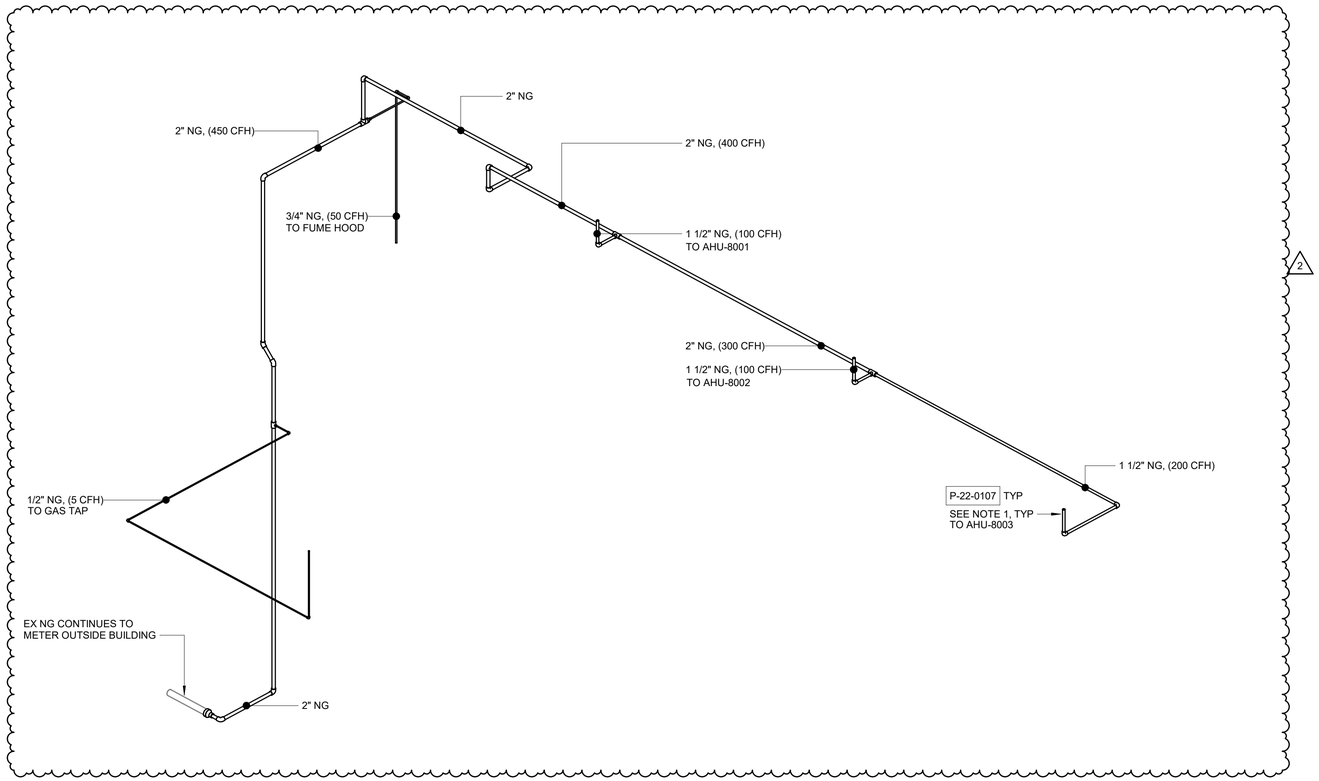
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
BUILDING RISER - WATER

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8011

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2

NOTES:

1. GAS BRANCH TO ROOFTOP HVAC EQUIPMENT. SEE HVAC DWGS FOR EQUIPMENT'S EXACT CONNECTION LOCATION. REFER TO MANUFACTURER'S INSTRUCTIONS FOR CONNECTION SIZE AND REGULATOR SET POINT.
2. CONTRACTOR SHALL CONNECT 2" NG TO EXISTING BUILDING GAS SERVICE.

SIZING CRITERIA
NATURAL GAS PIPING SIZED BASED OFF CRITERIA FROM TABLE 402.4(2) SCHEDULE 40 METALLIC PIPE IN THE 2018 ARKANSAS FUEL GAS CODE. NEW GAS PIPING HAS AN ADDITIONAL LOAD OF 455 CFH WITH A TOTAL DEVELOPED LENGTH OF 200 FEET.

BUILDING RISER - GAS

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
BUILDING RISER - GAS

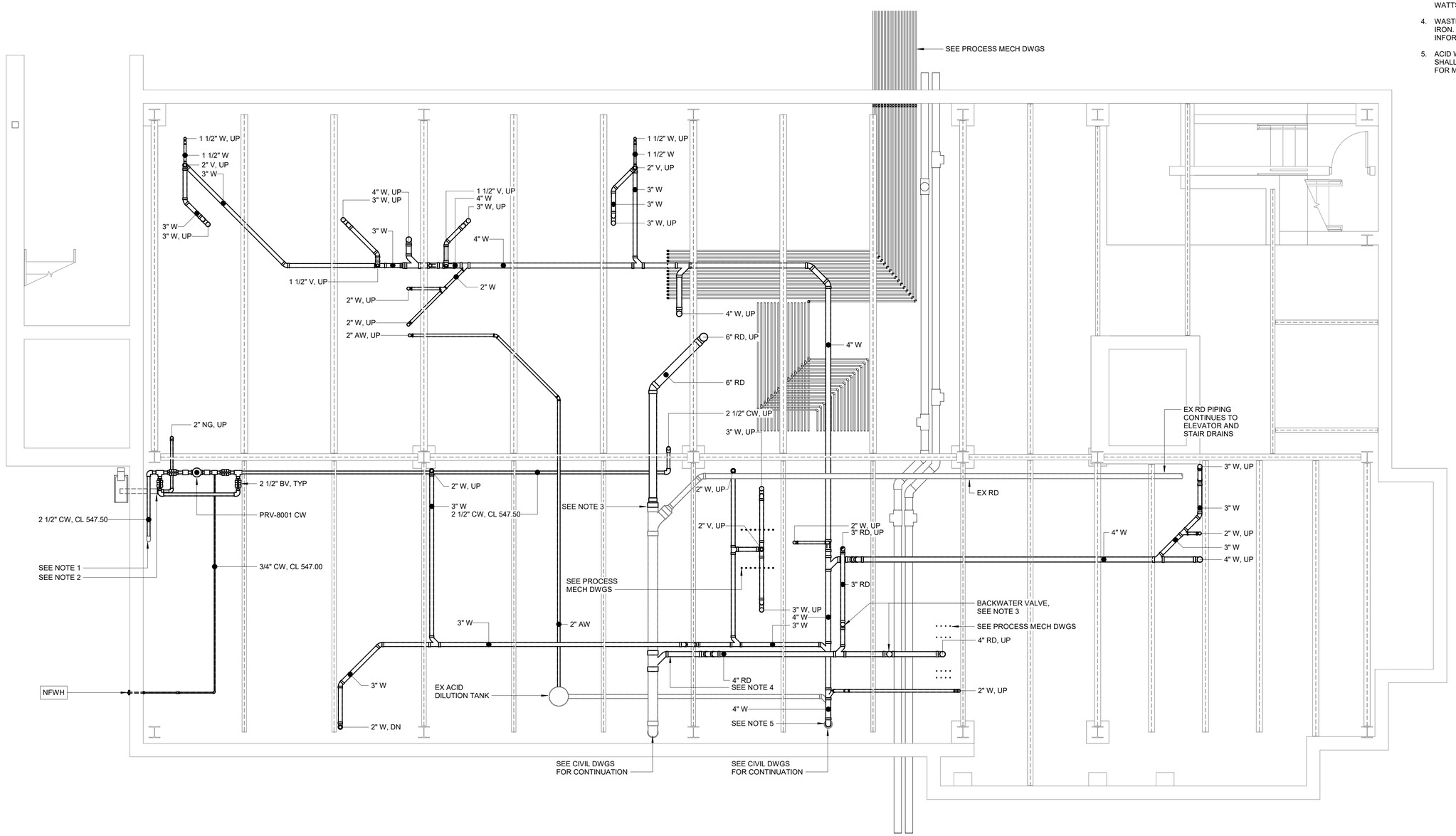
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8012

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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

NOTES:

1. CONTRACTOR SHALL CONNECT 2-1/2" CW TO EXISTING BUILDING WATER SERVICE. EXISTING BFP IN THE YARD SERVES BUILDING.
2. CONTRACTOR SHALL CONNECT 2" NG TO EXISTING BUILDING GAS SERVICE.
3. BACKWATER VALVE SHALL MATCH PIPE SIZE ON PLAN. WATTS BV-200 OR APPROVED EQUAL.
4. WASTE AND VENT PIPING IN THIS BUILDING SHALL BE CAST IRON. SEE SPEC SECTION 22 13 16 FOR MORE INFORMATION.
5. ACID WASTE AND ACID VENT PIPING IN THIS BUILDING SHALL BE POLYPROPYLENE. SEE SPEC SECTION 22 13 16 FOR MORE INFORMATION.



BELOW FLOOR PLAN - WASTE AND VENT

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
BELOW FLOOR PLAN

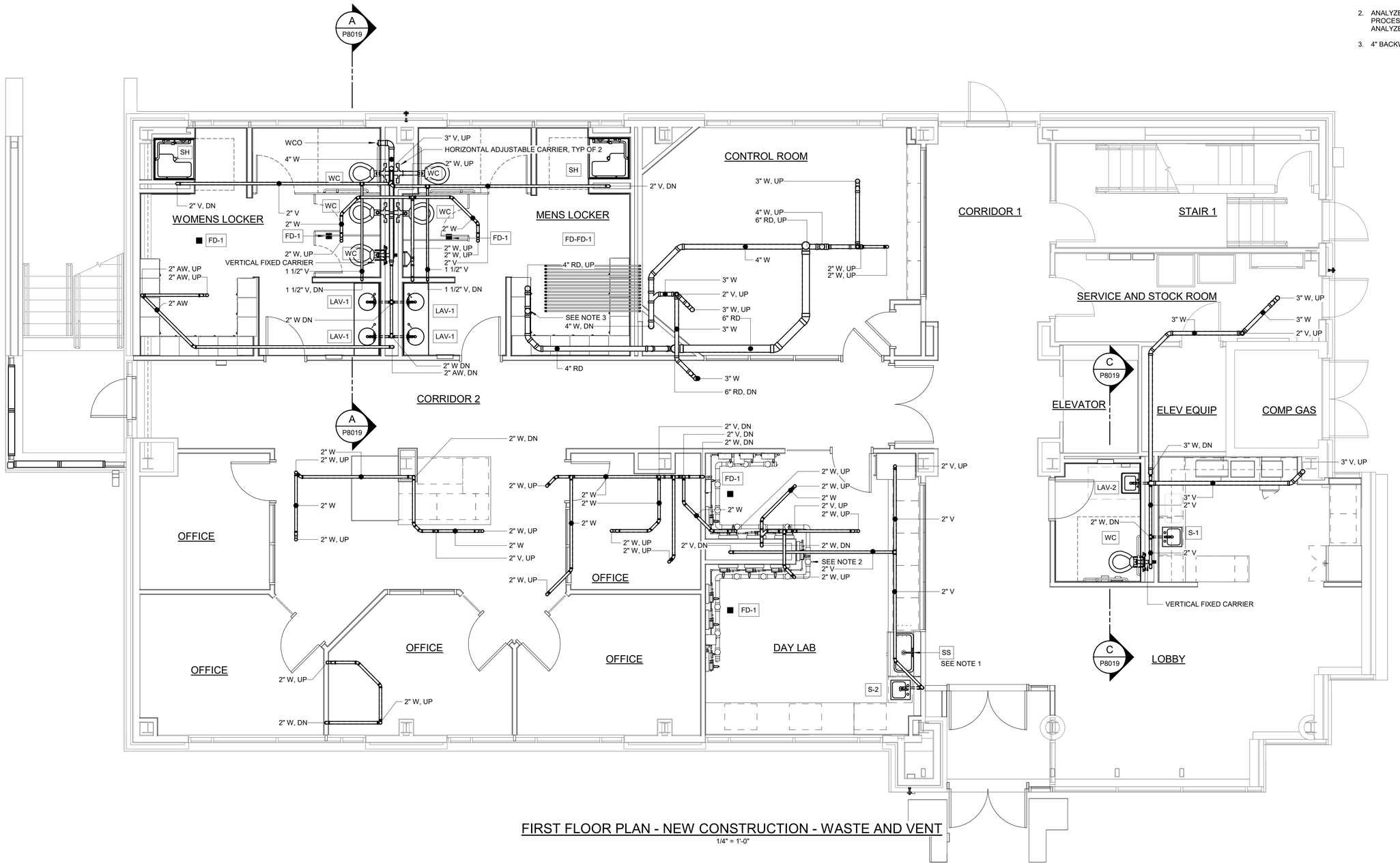
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HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8013

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-PLUM.rvt
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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

NOTES:

1. CONTRACTOR SHALL CONNECT NEW SAMPLE SINK TO SAMPLE LINES AND DRAIN. SAMPLE SINK SHALL BE CUSTOM FABRICATED STAINLESS STEEL 36" X 18" SINK. REFER TO SECTION 22 40 00 FOR SINK REQUIREMENTS. MANUFACTURER OR CMAR TO FURNISH WELDED BACKING PLATE AND SUBMIT BACKING PLATE DETAIL FOR ENGINEER REVIEW. 3" DRAIN SHALL DISCHARGE IN 4"RD WITH AIR GAP FITTING.
2. ANALYZER DISCHARGE SHALL DRAIN TO 4" RD BELOW. SEE PROCESS MECHANICAL DRAWINGS FOR MORE INFORMATION ON ANALYZERS.
3. 4" BACKWATER VALVE. WATTS BV-200 OR APPROVED EQUAL.



FIRST FLOOR PLAN - NEW CONSTRUCTION - WASTE AND VENT

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

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Hazen

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8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
FIRST FLOOR PLAN - WASTE AND VENT

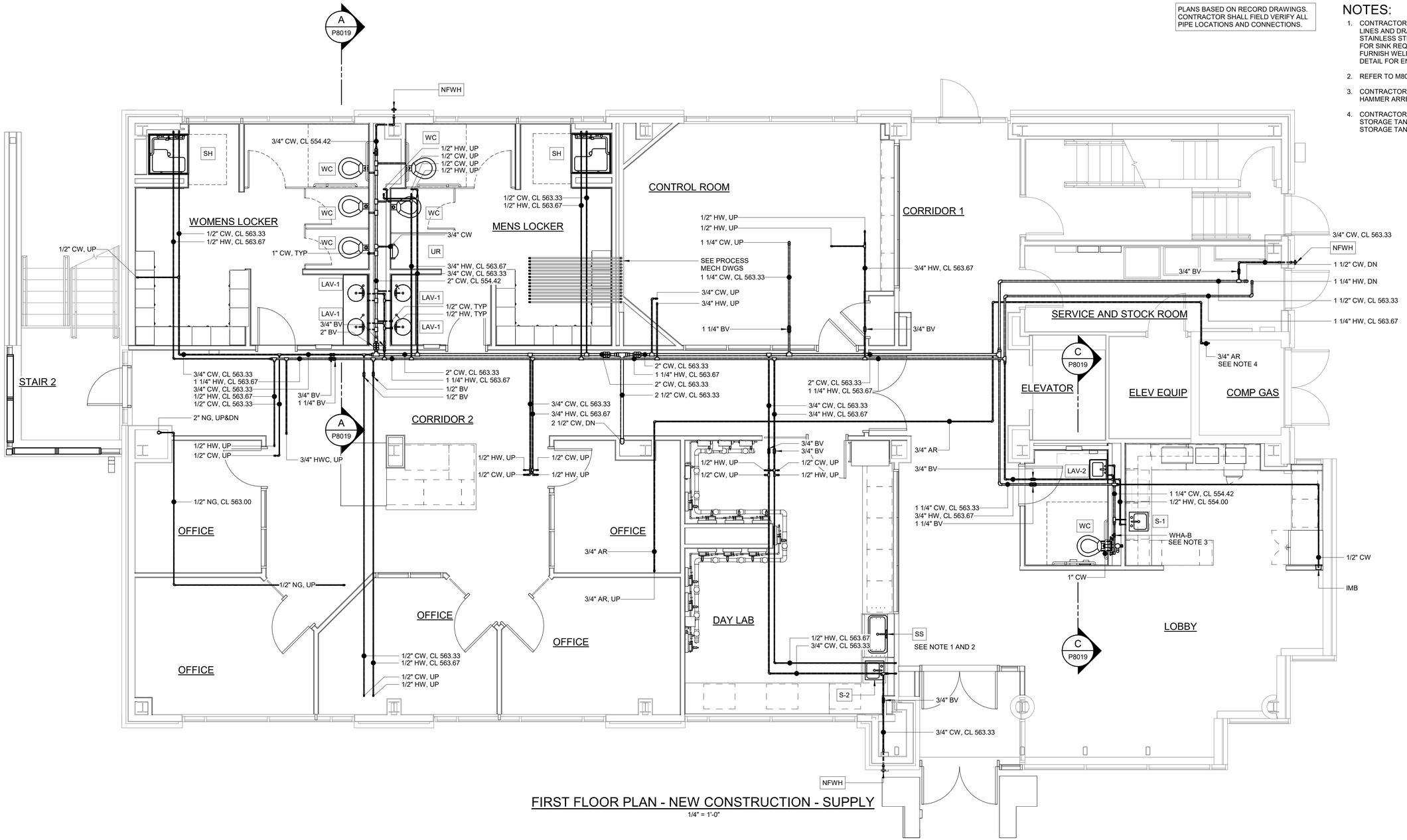
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CONTRACT NO.:	1
DRAWING NUMBER:	2 P8014

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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

NOTES:

1. CONTRACTOR SHALL CONNECT NEW SAMPLE SINK TO SAMPLE LINES AND DRAIN. SAMPLE SINK SHALL BE CUSTOM FABRICATED STAINLESS STEEL 36" X 18" SINK. REFER TO SECTION 22 40 00 FOR SINK REQUIREMENTS. MANUFACTURER OR CMAR TO FURNISH WELDED BACKING PLATE AND SUBMIT BACKING PLATE DETAIL FOR ENGINEER REVIEW.
2. REFER TO M8002 FOR SINK LABELING REQUIREMENTS.
3. CONTRACTOR SHALL PROVIDE ACCESS PANEL FOR WATER HAMMER ARRESTOR.
4. CONTRACTOR SHALL CONNECT ARGON GAS PIPING TO ARGON STORAGE TANK. PROVIDE SHUTOFF BEFORE CONNECTION TO STORAGE TANK.



FIRST FLOOR PLAN - NEW CONSTRUCTION - SUPPLY

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
FIRST FLOOR PLAN - SUPPLY

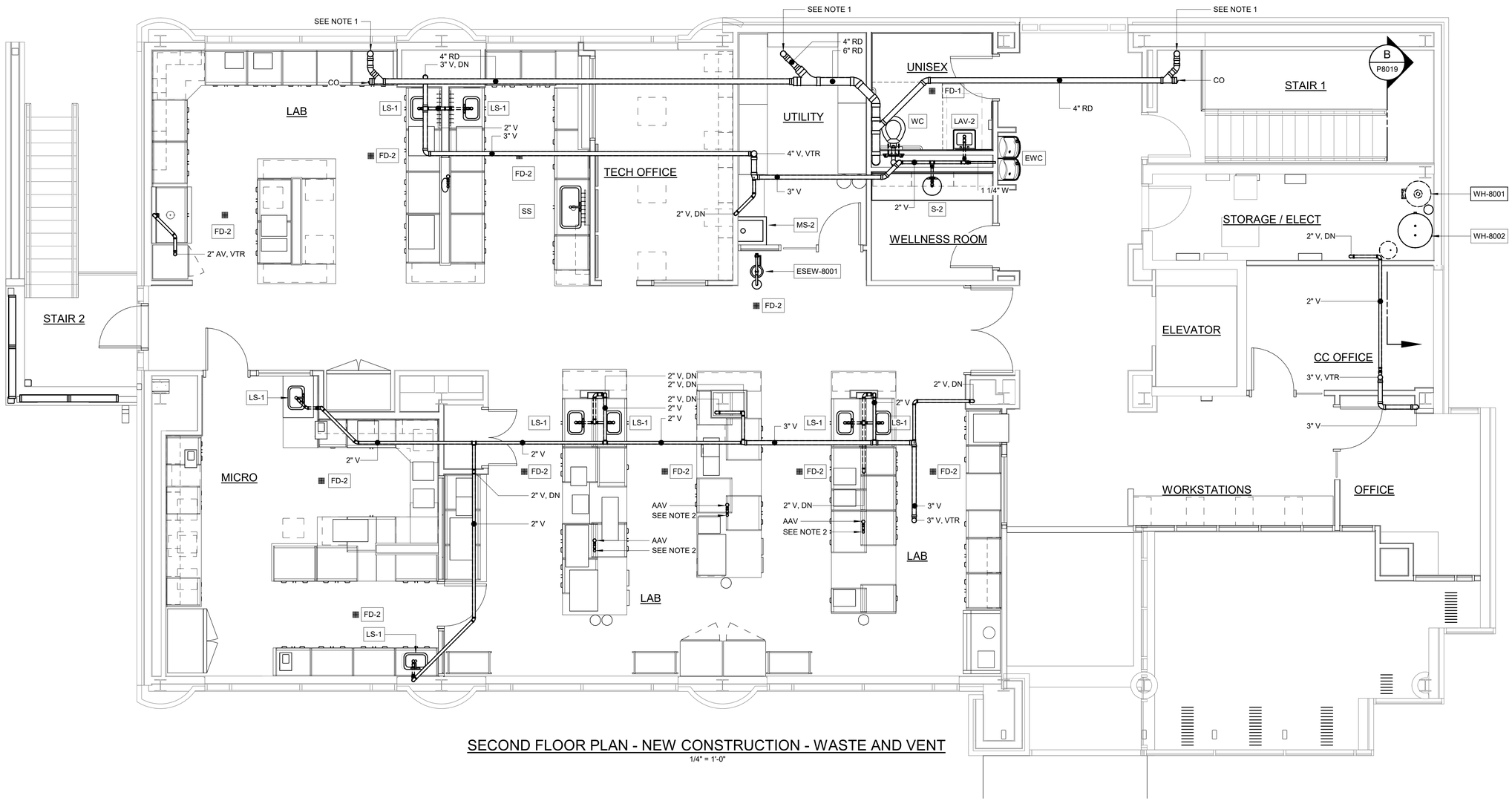
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CONTRACT NO.:	1
DRAWING NUMBER:	2 P8015

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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

NOTES:

1. CONTRACTOR SHALL CONNECT 4" RD TO EXISTING ROOF DRAIN.
2. 1-1/4" P-TRAP AND DRAIN SERVING DECK-MOUNTED CUP SINK. DRAIN LINE SHALL CONNECT TO 2" DRAIN LINE WITH AIR ADMITTANCE VALVE SERVING AS VENT.



SECOND FLOOR PLAN - NEW CONSTRUCTION - WASTE AND VENT

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
SECOND FLOOR PLAN - WASTE AND VENT

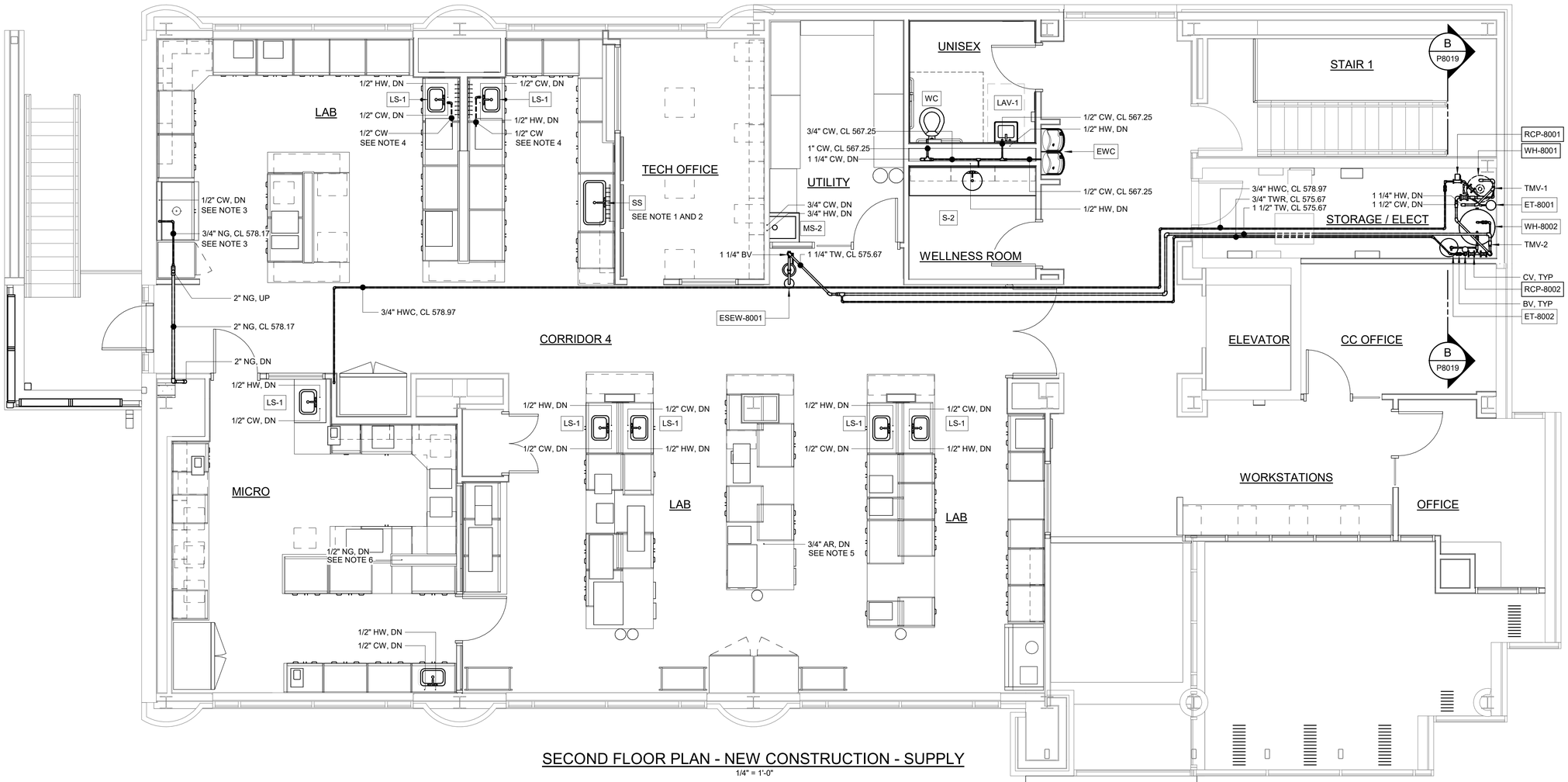
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HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8016

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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

NOTES:

1. CONTRACTOR SHALL CONNECT NEW SAMPLE SINK TO SAMPLE LINES AND DRAIN. SAMPLE SINK SHALL BE CUSTOM FABRICATED STAINLESS STEEL 36" X 18" SINK. REFER TO SECTION 22 40 00 FOR SINK REQUIREMENTS. MANUFACTURER OR CMAR TO FURNISH WELDED BACKING PLATE AND SUBMIT BACKING PLATE DETAIL FOR ENGINEER REVIEW.
2. REFER TO M8002 FOR SINK LABELING REQUIREMENTS.
3. CONTRACTOR SHALL CONNECT CW AND NG TO FUME HOOD PER MANUFACTURER'S INSTRUCTIONS.
4. CONTRACTOR SHALL CONNECT CW TO DEIONIZED WATER SYSTEM. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER REQUIREMENTS FOR SYSTEM, INCLUDING BACKFLOW PREVENTION, MATERIALS, ETC.
5. CONTRACTOR SHALL CONNECT ARGON PIPING TO GAS TAP. CONTRACTOR SHALL FIELD COORDINATE EXACT LOCATION OF VALVE. PROVIDE SHUTOFF VALVE IN CABINET.
6. CONTRACTOR SHALL CONNECT NG PIPING TO GAS TAP. CONTRACTOR SHALL FIELD COORDINATE EXACT LOCATION OF VALVE. PROVIDE SHUTOFF VALVE IN CABINET.



SECOND FLOOR PLAN - NEW CONSTRUCTION - SUPPLY

1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

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Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
SECOND FLOOR PLAN -SUPPLY

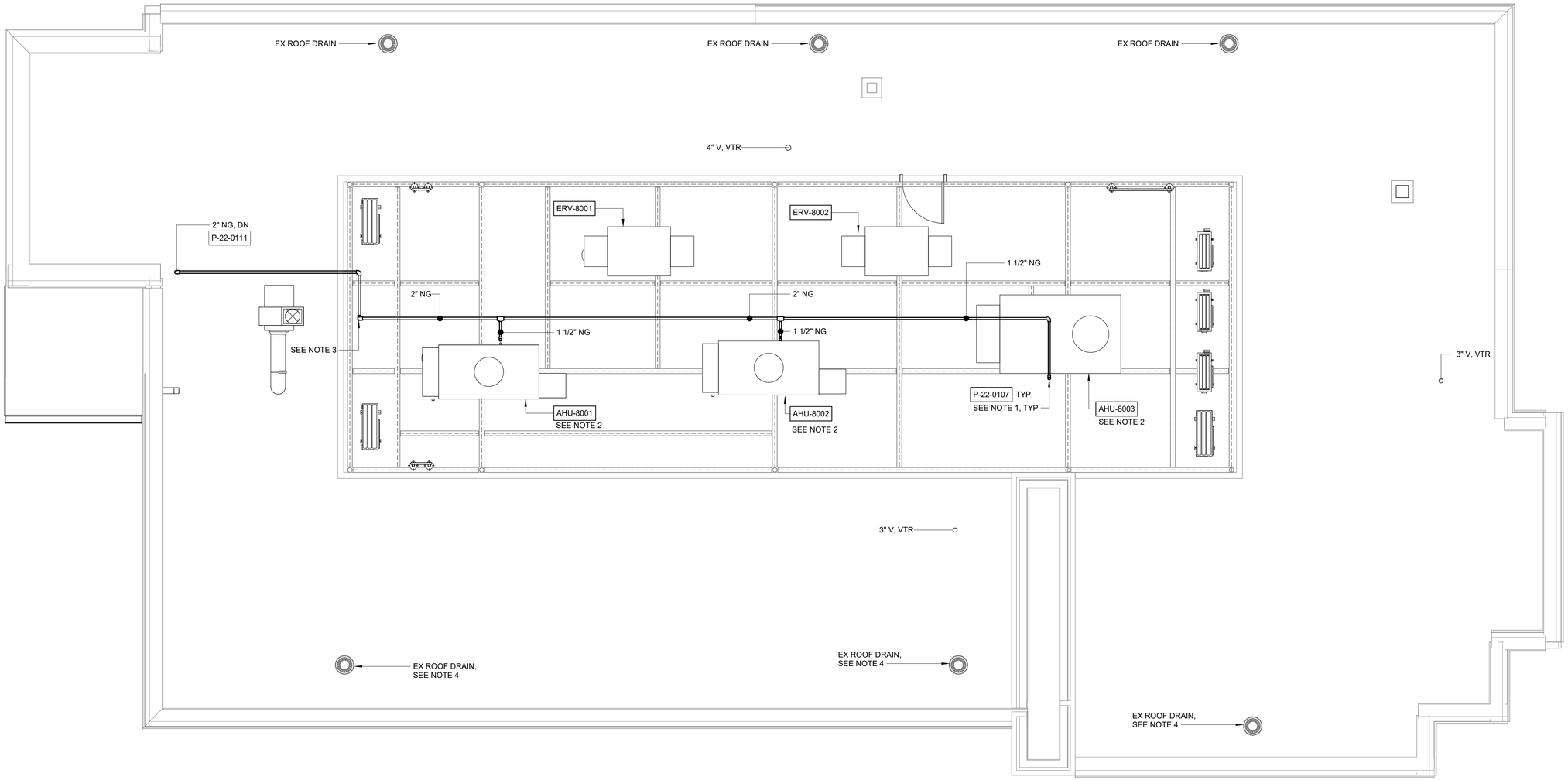
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HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8017

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PLANS BASED ON RECORD DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS AND CONNECTIONS.

NOTES:

1. GAS BRANCH TO ROOFTOP HVAC EQUIPMENT. SEE HVAC DWGS FOR EQUIPMENT'S EXACT CONNECTION LOCATION. REFER TO MANUFACTURER'S INSTRUCTIONS FOR CONNECTION SIZE AND REGULATOR SET POINT.
2. ROUTE GAS TIGHT TO EQUIPMENT PLATFORM.
3. EXISTING ROOF PENETRATIONS SHALL BE USED WHEN POSSIBLE. ENSURE ALL VENTS THROUGH REMAIN 10 FEET FROM NEW HVAC EQUIPMENT INTAKES. ALL UNUSED EX ROOF PENETRATIONS SHALL BE PROPERLY SEALED TO MATCH ROOF CONSTRUCTION.
4. EX ROOF DRAIN AND PIPING SHALL REMAIN.



ROOF PLAN
1/4" = 1'-0"

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

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DESIGNED BY:	J. JOHNSON
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PROJECT ENGINEER:	T. MONAHAN

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Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

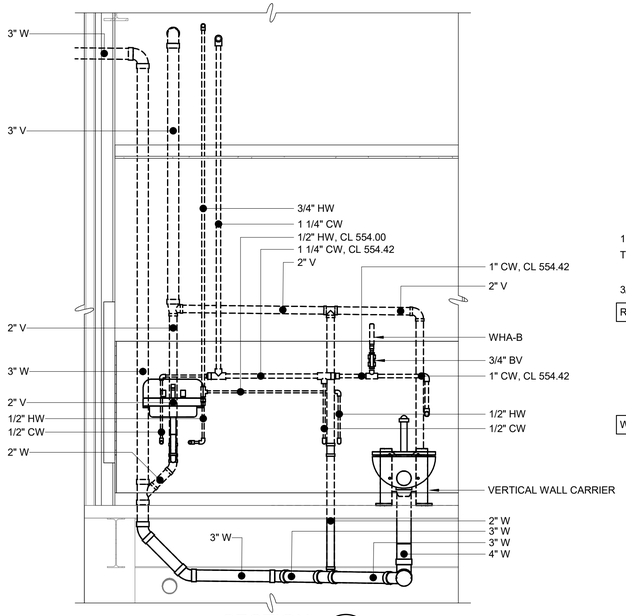
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

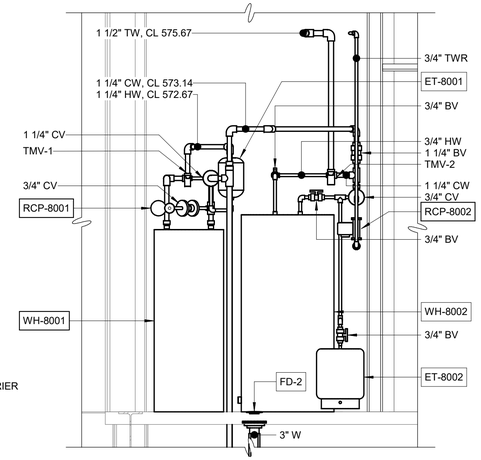
ADMINISTRATION BUILDING
PLUMBING
ROOF PLAN

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	2 P8018

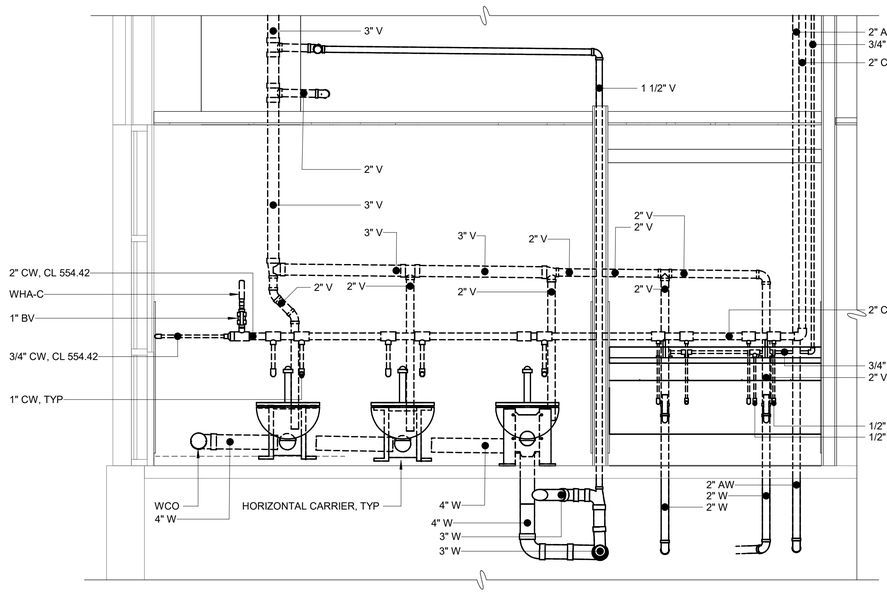
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SECTION C
1/2" = 1'-0"
P8014



SECTION B
1/2" = 1'-0"
P8016



SECTION A
1/2" = 1'-0"
P8014

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPEDITURE #4	06-12-26	TLM
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

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Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

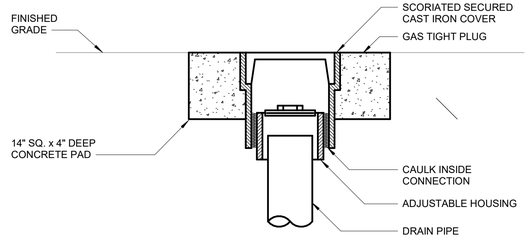
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
PLUMBING
SECTIONS

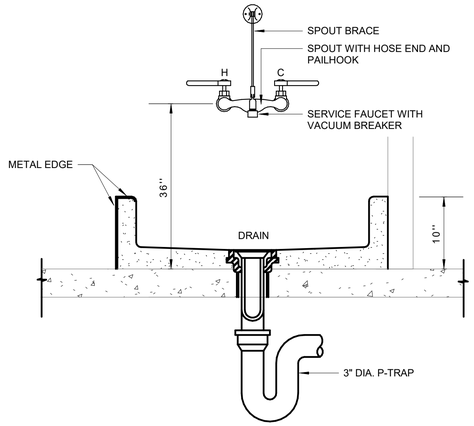
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CONTRACT NO.:	1
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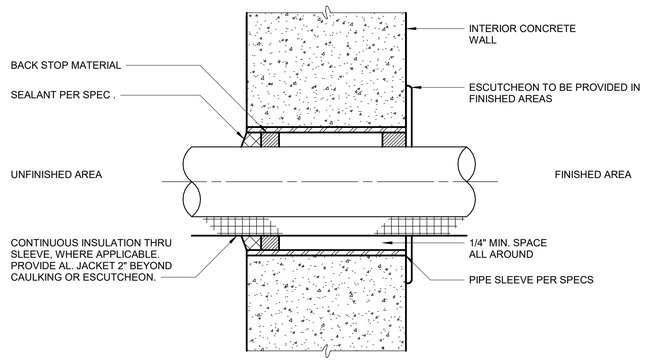
CLEANOUT TO GRADE

P-22-0203



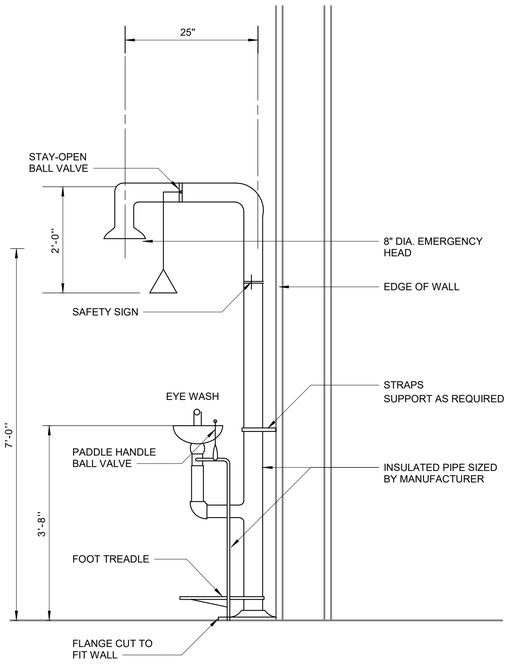
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P-22-0208

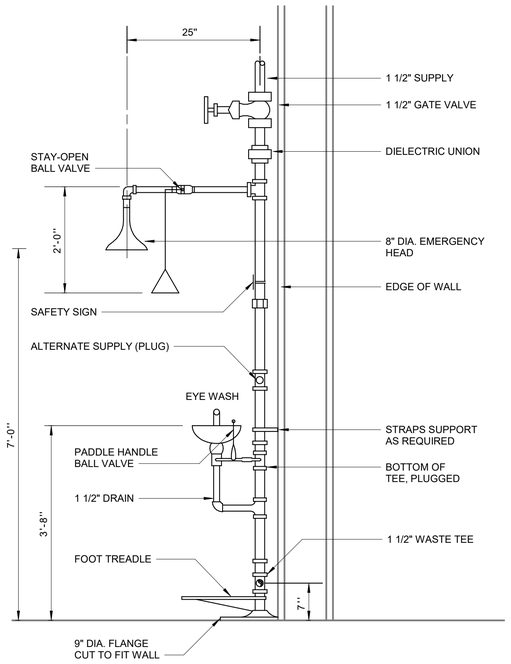


PIPE SLEEVE WALL PENETRATION

P-22-0217

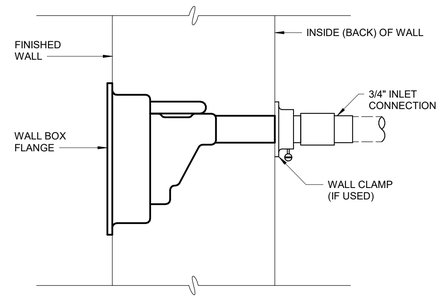


EMERGENCY SHOWER/EYEWASH FREEZE PROOF



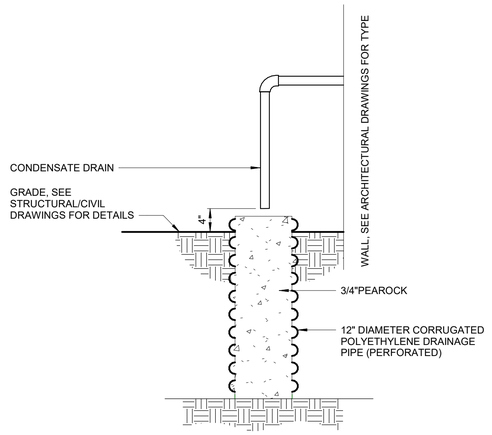
EMERGENCY SHOWER/EYEWASH

P-22-0401



FROSTPROOF HYDRANT

P-22-0302



CONDENSATE DRYWELL

P-22-0221

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

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Hazen
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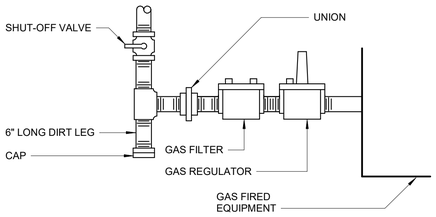
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
PLUMBING
STANDARD DETAILS SHEET 1

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	PD1

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-PLUM.rvt
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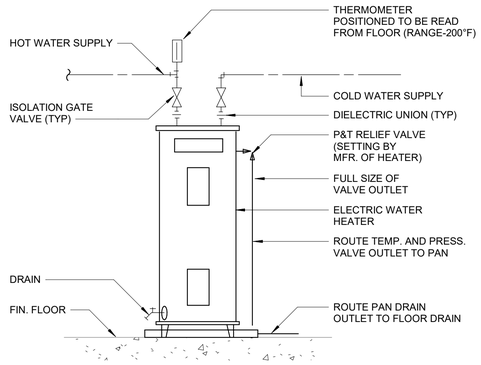


NOTES:

1. SEE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR GAS REGULATOR PRESSURE SET POINT.
2. REFER TO DRAWINGS FOR GAS CONNECTION SIZE FOR EACH PIECE OF EQUIPMENT.

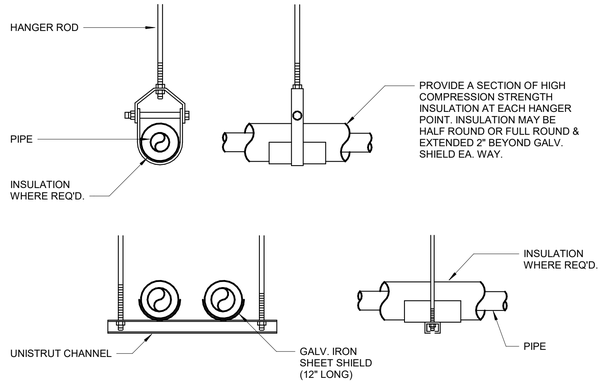
GAS FIRED EQUIPMENT CONNECTION

P-22-0107



ELECTRIC WATER HEATER

P-22-0404

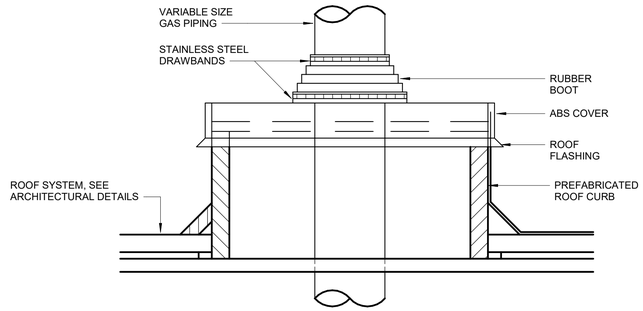


NOTES

1. ATTACH SUPPORTS FOR ALL PIPING SUSPENDED FROM THE STEEL STRUCTURE TO THE TOP CORD OF JOISTS OR BEAMS.
2. PROVIDE COPPER OR PLASTIC COATED HANGERS FOR NON-INSULATED COPPER PIPE.

PIPE HANGERS

P-22-0807



GAS LINE ROOF PENETRATION

P-22-0111

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	CONFORMED DRAWINGS	03-13-25	TLM

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	J. JOHNSON
DRAWN BY:	J. JOHNSON
PROJECT ENGINEER:	T. MONAHAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

GENERAL
PLUMBING
STANDARD DETAILS SHEET 2

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	PD2

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-PLUM.rvt
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ABBREVIATIONS

AE	ANALYSIS ELEMENT
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AIT	ANALYSIS INDICATING TRANSMITTER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
AF	AMPERE FRAME
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
BC	BYPASS CONTACTOR
BKR	BREAKER
(L/V)CP	(LOCAL/VENDOR) CONTROL PANEL
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
DB	DUCTBANK
DSW	DISCONNECT SWITCH
(*)HH	HANDHOLE*
(*)MH	MANHOLE*
EO	ELECTRICALLY OPERATED
ETM	ELAPSED TIME METER
ETU	ELECTRONIC TRIP UNIT
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FS	FLOW SWITCH
FSL	FLOW SWITCH LOW
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFCT	GROUND FAULT CURRENT TRANSFORMER
GNG	GO-NO GO
GND	GROUND
HOA	HAND-OFF-AUTO
HH	HANDHOLE
HPU	HYDRAULIC POWER UNIT
IC	INPUT CONTACTOR
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
ISO	INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
(*)JB	JUNCTION BOX*
LCS	LOCAL CONTROL STATION
LP	LIGHTING PANEL
LS	LEVEL SWITCH
LSL	LEVEL SWITCH LOW
LSLL	LEVEL SWITCH LOW-LOW
LSH	LEVEL SWITCH HIGH
LSHH	LEVEL SWITCH HIGH-HIGH
LT	LEVEL TRANSMITTER
MFR	MULTI-FUNCTION RELAY
MH	MANHOLE
MOD	MOTOR OPERATED DAMPER
MOG	MOTOR OPERATED GATE
MOL	MOTOR OPERATED LOUVER
MOV	MOTOR OPERATED VALVE
MPR	MOTOR PROTECTION RELAY
MTD	MOUNTED
MTS	MANUAL TRANSFER SWITCH
MWTS	MOTOR WINDING TEMPERATURE SWITCH
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSN
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	OUTPUT CONTACTOR
OL	OVERLOAD

ABBREVIATIONS, CONT.

(*)PB	PULLBOX*
PC	PHOTOCELL
PCC	POINT OF COMMON COUPLING
PE	PRESSURE ELEMENT
PIT	PRESSURE INDICATING TRANSMITTER
PLC	PROGRAMMABLE LOGIC CONTROLLER
PP	POWER PANEL
PST	PHASE SHIFTING TRANSFORMER
PT	POTENTIAL TRANSFORMER
PTT	PUSH TO TEST
RCS	REMOTE CONTROL STATION
RECP	RECEPTACLE
RIO	REMOTE I/O
RM	ROOM
RTD	RESISTANCE THERMAL DEVICE
RTU	REMOTE TELEMETRY UNIT
RVAT	REDUCED VOLTAGE AUTO TRANSFORMER
RVSS	REDUCED VOLTAGE SOLID STATE
SA	SUPPLY AIR
S.E.	SERVICE ENTRANCE
SP. C.	SPARE CONDUIT
SPD	SURGE PROTECTIVE DEVICE
SSOL	SOLID STATE OVERLOAD
SST	STAINLESS STEEL
TB	TEST BLOCK
TC	TIMED CLOSE
TO	TIMED OPEN
TSH	TWISTED SHIELDED
TX	TRANSFORMER
TYP	TYPICAL
UPS	UNINTERRUPTIBLE POWER SUPPLY
VFD	VARIABLE FREQUENCY DRIVE
WPCR	WEATHER PROOF CORROSION RESISTANT
WT	WALK THROUGH
XFMR	TRANSFORMER

*DESIGNATED ABBREVIATIONS CAN HAVE THE FOLLOWING PREFIXES:

E	ELECTRIC
P	POWER
C	CONTROL
I	INSTRUMENTATION
F	FIBER

5

Fixture Type	Usage	Lamp/Fixture Wattage	Description	Basis of Design Mfr. and Model
LC1	Overhead Interior Lighting, Long Bay	62W (max)	Ceiling-mounted, 120-277VAC, LED light fixture, color temperature of 4000K, 90 CRI, lineal ribbed frosted acrylic lens, medium distribution, gasketed fiberglass housing, stainless steel latches, 4ft, 8000 lumen minimum, and wet location Listed.	Holophane EMS LED Series, or Engineer approved equal.
LR1a	Recessed Mounted Interior	41W (max)	2'x2' FLAT PANEL, 120-277VAC, LED light fixture, color temperature of 4000K, 80 CRI, seamless aluminum frame, 3300 lumen minimum. aluminum housing	Lithonia CPANL LED series, or Engineer approved equal.
LR1aE	Recessed Mounted Interior	41W (max)	All specs are the same as LR1a, except with integral battery backup with 90 minutes illumination time.	Lithonia CPANL LED series, or Engineer approved equal.
LR1b	Recessed Mounted Interior	41W (max)	All specs are same as LR1a, exept 4400 lumen minimum.	Lithonia CPANL LED series, or Engineer approved equal.
LR2	Recessed Mounted Interior	13W (max)	Ceiling (junction box) mounted LED light fixture, 120-277VAC with 0-10V dimming, color temperature of 4000K, 90 CRI, diffuse lens, aluminum frame with white finish, 1000 lumen minimum.	Juno Slimform LED JSF Series or Engineer approved equal.
LR2b	Recessed Mounted Interior	20W (max)	All specs are same as LR2, except 1800 lumen and battery back-up.	Juno Slimform LED JSF Series or Engineer approved equal.
LR3	Recessed Mounted Interior	7.8W (max)	Ceiling (junction box) mounted LED light fixture, 120-277VAC with 100%-10% (MIN10) dimming, color temperature of 4000K, 90 CRI, aluminum frame with white finish, 700 lumen minimum.	Acuity Brands iVO 4" series or Engineer approved equal.
LR3b	Recessed Mounted Interior	9.8W (max)	Ceiling mounted LED light fixture, 120-277VAC with 100%-10% (MIN10) dimming, color temperature of 4000K, 90 CRI, wide distribution, aluminum frame with white finish, 1000 lumen minimum.	Acuity Brands iVO 4" series or Engineer approved equal.
LR3bE	Recessed Mounted Interior	10W (max)	All specs are the same as LR3b, except with integral battery backup with 90 minutes illumination time.	Acuity Brands iVO 4" series or Engineer approved equal.
LR3c	Recessed Mounted Interior	9.8W (max)	All specs are the same as LR3b with wet location listed and shower/IP65 bevel trim.	Acuity Brands iVO 4" series or Engineer approved equal.
LR3d	Recessed Mounted Interior	9.8W (max)	All specs are the same as LR3b with wet location listed and 1500 lumen minimum.	Acuity Brands iVO 4" series or Engineer approved equal.
LR4	Recessed Mounted Interior	9.8W (max)	Ceiling mounted round wall wash LED light fixture, 120-277VAC with 100%-10% (MIN10) dimming, color temperature of 4000K, 90 CRI, aluminum frame with white finish, 1500 lumen minimum.	Acuity Brands iVO 4" series or Engineer approved equal.
LP1	Pendant Mounted Interior	130W (max)	Pendant-mounted, 120-277VAC, LED light fixture, color temperature of 4000K, prismatic borosilicate glass lens, wide distribution, gray die-cast aluminum housing, 18000 lumen minimum, and wet location listed.	Holophane PHZ Series, or Engineer approved equal.
LP2	Pendant Mounted Interior	62W (max)	All specs are same as LC1, except pendant-mounted and 0 - 10V dimming	Holophane EMS LED Series, or Engineer approved equal.
LP2b	Pendant Mounted Interior	62W (max)	All specs are same as LC1, except pendant-mounted and 6000 lumens minimum.	Holophane EMS LED Series, or Engineer approved equal.
LP2bE	Pendant Mounted Interior	62W (max)	All specs are same as LP2b with integral battery backup with 90 minutes illumination time.	Holophane EMS LED Series, or Engineer approved equal.
LP2c	Pendant Mounted Interior	62W (max)	All specs are same as LC1, except pendant-mounted and 4000 lumens minimum.	Holophane EMS LED Series, or Engineer approved equal.
LP2cE	Pendant Mounted Interior	62W (max)	All specs are same as LP2c with integral battery backup with 90 minutes illumination time.	Holophane EMS LED Series, or Engineer approved equal.
LP3a	Pendant Mounted Interior	19W (max)	Pendant-mounted, 120VAC, LED striplight fixture, color temperature of 4000K, 90 CRI, frosted acrylic lens, white steel housing, 2ft, 2500 lumen minimum.	Holophane HZL1D Series or Engineer approved equal.
LP3b	Pendant Mounted Interior	25W (max)	All specs are same as LP3a, except 3000 lumen minimum and 4ft.	Holophane HZL1D Series or Engineer approved equal.
LP3c	Pendant Mounted Interior	41W (max)	All specs are same as LP3a, except 5000 lumen minimum and 4ft.	Holophane HZL1D Series or Engineer approved equal.
LP4	Pendant Mounted Interior	12W (max)	Pendant-mounted, 120-277VAC, LED light fixture, color temperature of 3000K, 85CRI, brushed nickel housing.	WAC Dax or Engineer approved equal.
LP5	Pendant Mounted Interior	50W (max)	Pendant-mounted, 120-277VAC, LED light fixture, color temperature of 3000K, 90CRI, frosted acrylic lens, bright satin aluminum housing, 37-inch diameter.	Sonneman Arctic Rings LED or Engineer approved equal.
LP6a	Pendant Mounted Interior	19W (max)	Pendant-mounted, 120-277VAC, LED light fixture, color temperature of 3000K, 90CRI, frosted acrylic lens, bright satin aluminum housing, 16-inch diameter.	Sonneman Corona Ring LED or Engineer approved equal.
LP6b	Pendant Mounted Interior	28W (max)	All specs are same as LP6a, except 24-inch diameter.	Sonneman Corona Ring LED or Engineer approved equal.
LP6c	Pendant Mounted Interior	35W (max)	All specs are same as LP6a, except 32-inch diameter.	Sonneman Corona Ring LED or Engineer approved equal.
LP7	Pendant Mounted Interior	115W (max)	Pendant-mounted, 120-277VAC with 100%-10% (MIN10) dimming, LED light fixture, color temperature of 4000K, 90 CRI, aluminum housing, 6' section length, 4" width, DBW, 400 lumen minimum direct, 400 lumen minimum indirect.	Holophane PHZ Series, or Engineer approved equal.
LP7b	Pendant Mounted Interior	58W (max)	All specs are same as LP7, except 3' section length.	Holophane PHZ Series, or Engineer approved equal.

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Fixture Type	Usage	Lamp/Fixture Wattage	Description	Basis of Design Mfr. and Model
LL4	Pole Mounted Roadway	35W (max)	Pole-mounted, 120-277VAC, full-cutoff LED light fixture, color temperature of 5000K, IESNA roadway Type II distribution, white die cast aluminum housing, 5000 lumen minimum, house-side shield, integral photocell, wet location listed. Furnish and Install on Pole Type B, reference Pole Schedule this sheet.	AEL Autobahn ATBMicro Series or Engineer approved equal.
LW1	Wall Mounted Exterior	71W (max)	Wall-mounted, 120-277VAC, LED light fixture, color temperature of 4000K, acrylic optical system, IESNA Type III medium distribution, black die-cast aluminum housing, 7800 lumen minimum, integral photo control, and wet location Listed.	Holophane HLWPC2, or Engineer approved equal.
LW1A	Wall Mounted Exterior	71W (max)	Wall-mounted, 120-277VAC, LED light fixture, color temperature of 4000K, acrylic optical system, IESNA Type III medium distribution, black die-cast aluminum housing, 7800 lumen minimum, integral battery backup with 90 minutes illumination time, and wet location Listed.	Holophane HLWPC2, or Engineer approved equal.
LW2	Wall Mounted Exterior	72W (max)	Wall-mounted, 120-277VAC, LED light fixture, color temperature of 4000K, poluycarbonate lens, IESNA Type III medium distribution, black die-cast aluminum housing, 8500 lumen minimum, and wet location Listed.	Holophane WCNP, or Engineer approved equal.
LW3	Wall Mounted Exterior	51W (max)	Wall-mounted, 120-277VAC, LED light fixture, color temperature of 4000K, prismatic borosilicate glass lens, IESNA Type III Medium distribution, black die-cast aluminum housing, 7000 lumen minimum, integral battery backup with 90 minutes illumination time, and wet location Listed.	Holophane WCNG, or Engineer approved equal.
EW2	Wall Mounted Emergency	18W (max)	Wall-mounted emergency fixture, LED heads, 120-277VAC with 12 VDC lithium iron phosphate or nickel cadmium battery, gray corrosion and ompact resistant polycarbonate housing, time delaty shutoff, surge and brown-out protection, and low voltage battery cut-off. NEMA 4X wet location Listed. Battery shall be sized to support the fixture and all remote heads as shown on Drawings.	Holophane Desoto DSL46, Lithonia EXTL Series, or Signify Rhyno Series.
XW1	Wall Mounted Exit	5W	Wall-mounted, red LED exit sign, 120-277VAC, black die cast aluminum housing, single/double face as indicated on Drawings, nickel cadmium battery with self diagnostics, low voltage battery disconnect, brown-out and surge protected, damp location Listed.	Holophane Magellan MEX Series, Lithonia LV Series, or Current Dual-lite SE Series.
XW1a	Ceiling Mounted Exit	5W	All specs are same as XW1, except ceiling mounted.	Holophane Magellan MEX Series, Lithonia LV Series, or Current Dual-lite SE Series.
XW1b	Pendant Mounted Exit	5W	All specs are same as XW1, except pendant mounted with directional arrow.	Holophane Magellan MEX Series, Lithonia LV Series, or Current Dual-lite SE Series.
XW2	Wall Mounted Exit	5W	Wall-mounted, red LED exit sign, 120-277VAC, black die cast aluminum housing, gasketed impact resistant polycarbonate cover, brushed aluminum stencil with field selectable chevrons, single/double face as indicated on Drawings, nickel cadmium battery with self diagnostics, low voltage battery disconnect, brown-out and surge protected. NEMA 4X wet location Listed.	Holophane DeLeon DLTLX Series, Lithonia LV Series, or Emergilite Survive-All SVX Series.

Pole Type	Description	Mfr. and Model
A	Round, freestanding, 10ft hot-dip galvanized steel pole. Pole shall include a locking swivel joint or telescoping action that allows the pole and fixture to be lowered to an accessible height for ladder-free maintenance.	Swivelpole F Series or Engineer approved equal
B	Square, freestanding, 10ft aluminum pole, white. Pole shall include a hinged anchor base that allows the pole and fixture to be lowered to an accessible height for ladder-free maintenance.	Lithonia SSAH Series or Engineer approved equal

4

GENERAL NOTES:

1. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL UNDERGROUND CONCRETE ENCASED ELECTRICAL CONDUITS SHALL BE PER STANDARD DETAIL E-33-0101.
2. BOND ALL NEW CONCRETE ENCASED GROUND CONDUCTORS TO EXISTING GROUND CONDUCTORS IN ALL MANHOLES, PULL BOXES, CABLE TRAYS, AND SIMILAR LOCATIONS WHERE APPLICABLE.
3. UNLESS OTHERWISE SPECIFIED OR NOTED, ALL WALL MOUNTED ELECTRICAL PANELS, ENCLOSURES, AND SIMILAR EQUIPMENT SHALL BE MOUNTED 6'-6" (MAX) FROM THE TOP OF THE PANEL TO FINISHED FLOOR OR GRADE.
4. UNLESS OTHERWISE NOTED, ALL LIGHTING SWITCHES, CONTROL SWITCHES, AND SIMILAR EQUIPMENT SHALL BE MOUNTED WITH THEIR CENTERLINE APPROXIMATELY 4'-0" ABOVE FINISHED FLOOR, SLAB, OR GRADE.
5. A SEPARATE EQUIPMENT GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH CIRCUIT (SEPARATE CONDUCTOR IN THE CONDUIT). THE CONDUCTOR SHALL BE TERMINATED AT THE PROPER DEVICE, TERMINAL, OR LUG AT THE POWER SOURCE (MCC GROUND BUS, PANELBOARD GROUND BUS, ETC.). GROUND CONDUCTOR SIZE SHALL BE PER THE LATEST ADOPTED EDITION OF THE NEC.
6. ELECTRICAL SYSTEMS INSTALLED IN HAZARDOUS LOCATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 5, ART. 500 OF THE LATEST EDITION OF THE NEC. CONTRACTOR SHALL SEAL ALL CONDUITS LEAVING HAZARDOUS AREAS. WALL AND FLOOR OPENINGS SHALL BE SEALED WITH FIREPROOF COMPOUND.
7. ALL EQUIPMENT LOCATED IN HAZARDOUS AREAS SHALL BE SUITABLE FOR THE CLASS, DIVISION, AND GROUP RATING OF THE LOCATION.
8. UNLESS SPECIFICALLY NOTED OTHERWISE, EXISTING PAVEMENT SHALL BE SAW CUT AND REMOVED TO ALLOW FOR THE INSTALLATION OF NEW ELECTRICAL DUCTBANKS. AFTER INSTALLATION, REPLACE PAVEMENT WITH NEW TO MATCH ORIGINAL CONDITIONS.
9. LIGHTNING PROTECTION SYSTEMS SHALL BE PROVIDED FOR THE STRUCTURES INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH SECTION 26 41 00.
10. REFERENCE SECTION 01 14 00 FOR CONSTRUCTION SEQUENCING REQUIREMENTS.
11. CONDUIT HOMERUNS ARE NOT SHOWN ON THE DRAWINGS. CONTRACTOR SHALL REFER TO CONDUIT AND WIRE SCHEDULES, RISER DIAGRAMS, SINGLE LINE DIAGRAMS, AND OTHER DRAWINGS FOR CONDUIT AND WIRE REQUIREMENTS.
12. ALL ELECTRICAL NON-STRUCTURAL COMPONENTS ARE SUBJECT TO SEISMIC DESIGN CATEGORY 'B' AND ARE THEREFORE EXEMPT FROM SEISMIC ANCHORAGE AND BRACING AS STIPULATED IN SECTION 01 73 23 - ANCHORAGE AND BRACING OF NONSTRUCTURAL COMPONENTS.
13. COORDINATE FIRE RATED WALLS, FLOORS, AND CAPS WITH ARCHITECTURAL DRAWINGS.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
4	FO-020	05-12-26	BDB
3	FIELD ORDER No. 3	07-02-25	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 1	12-17-24	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	N. NELSON
DRAWN BY:	N. NELSON
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ELECTRICAL
ABBREVIATIONS AND GENERAL NOTES

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E0002

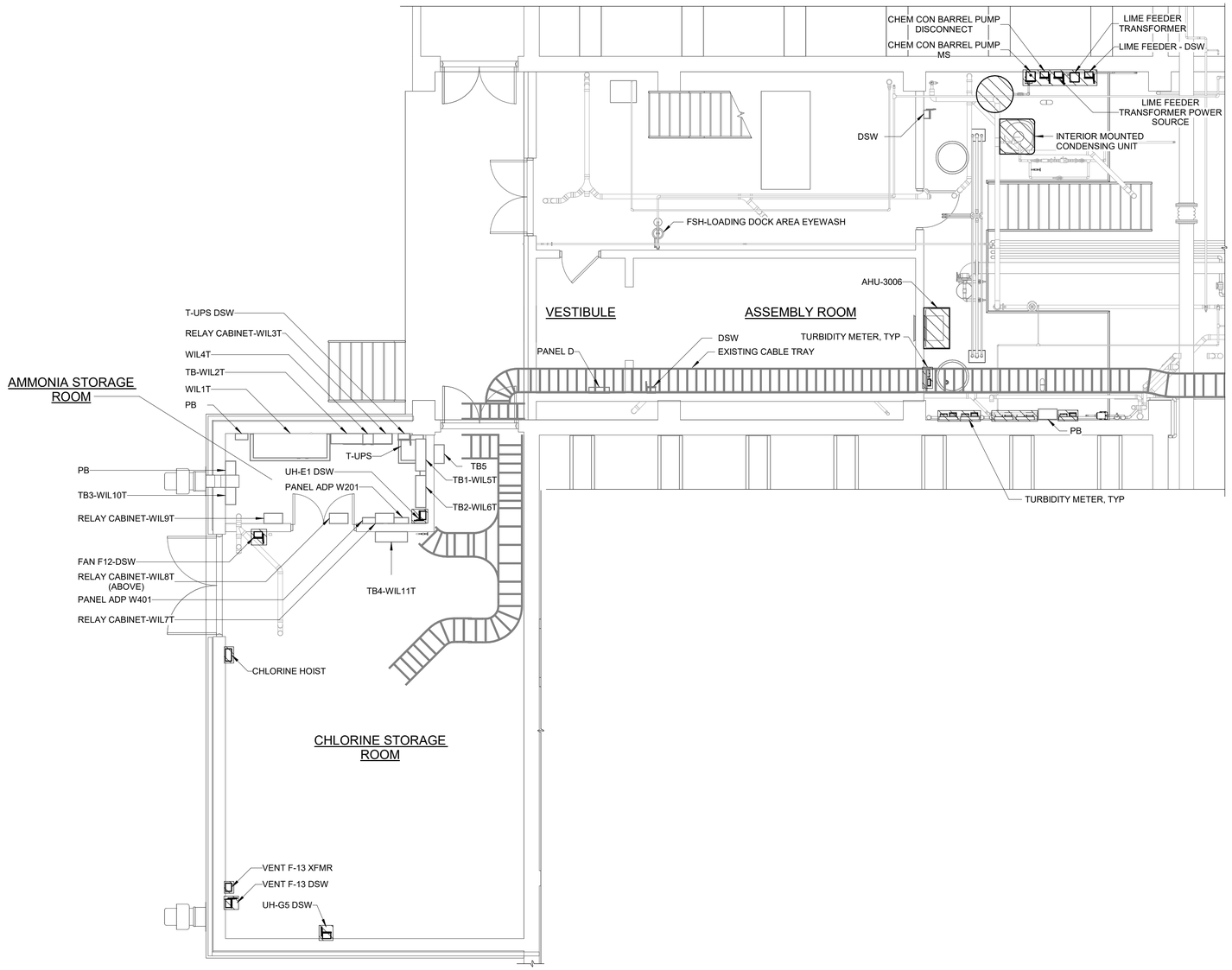
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PLANT NORTH

NOTES:

1. REMOVE CONDUCTORS, CONDUITS, AND SUPPORTS ASSOCIATED WITH DEMOLISHED ELECTRICAL AND INSTRUMENTATION EQUIPMENT FROM SOURCE TO LOAD.
2. REFERENCE OTHER DISCIPLINE DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS AND DEMO IN ACCORDANCE WITH 01 14 00.

2



ENLARGED INTERMEDIATE PLAN - CROSS GALLERY DEMOLITION

3/16" = 1'-0"



KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED INTERMEDIATE PLAN - CROSS GALLERY DEMOLITION

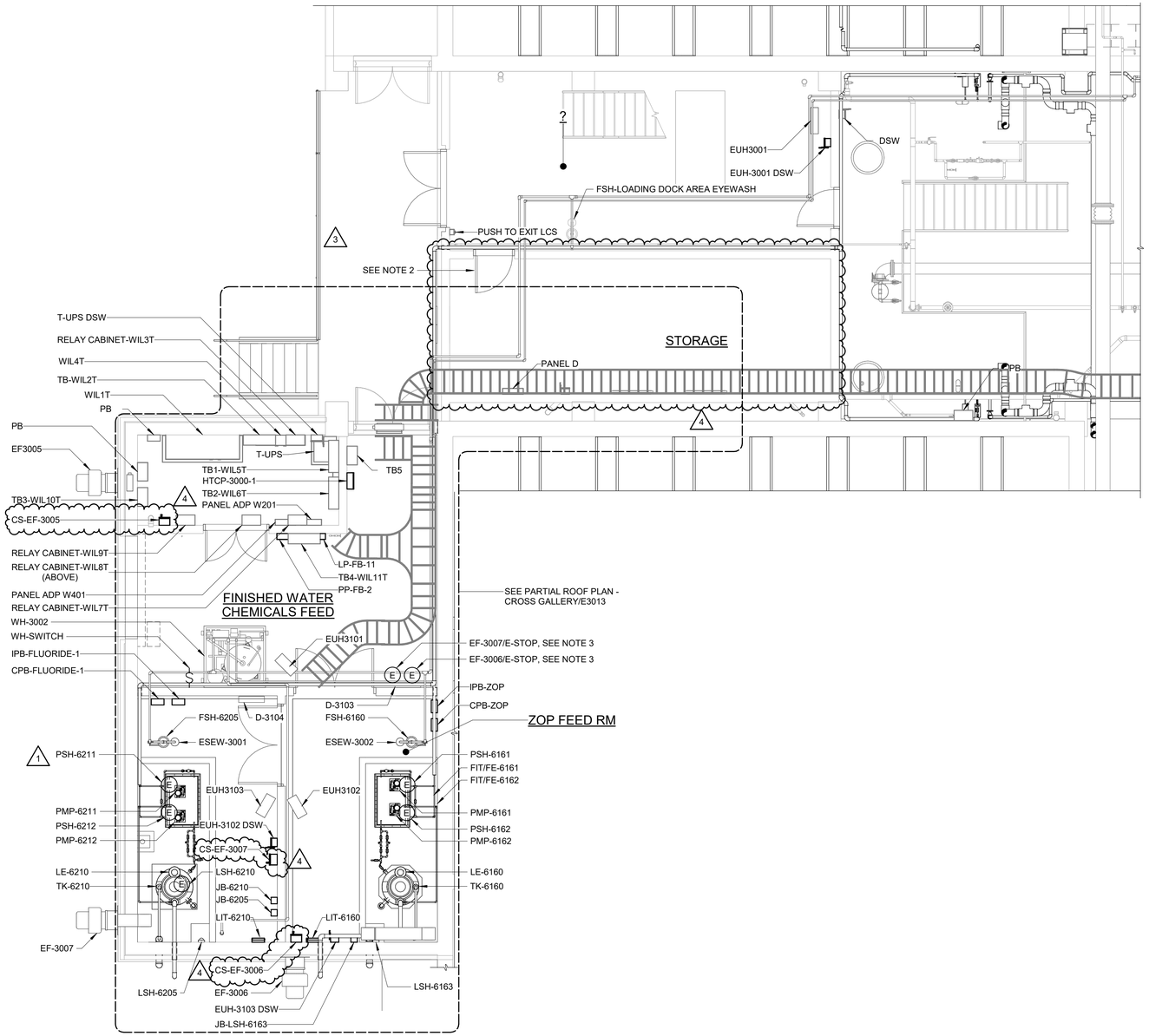
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PLANT NORTH

NOTES:

1. PLAN DRAWING SHOW APPROXIMATE EQUIPMENT AND INSTRUMENTATION LOCATIONS. COORDINATE EXACT LOCATIONS WITH FIELD REQUIREMENTS AND OTHER DISCIPLINES AND APPROVED SHOP DRAWINGS.
2. PROVIDE EMPTY CONDUIT WITH PULLSTRING FROM EXISTING SECURITY PANEL LOCATION TO INDICATED DOORS FOR ACCESS CONTROL CARD READERS. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING SECURITY PANEL.
3. EF-3006/E-STOP AND EF-3007/E-STOP WILL BE PROVIDED BY OTHERS.



ENLARGED INTERMEDIATE POWER PLAN - CROSS GALLERY

3/16" = 1'-0"

PARTIAL ROOF PLAN - CROSS GALLERY

3/16" = 1'-0"

KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
4	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
3	CONFORMED DRAWINGS	03-13-25	BDB
2	ADDENDUM 6	02-04-25	BDB
1	ADDENDUM 1	12-12-24	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

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JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED INTERMEDIATE POWER PLAN - CROSS GALLERY

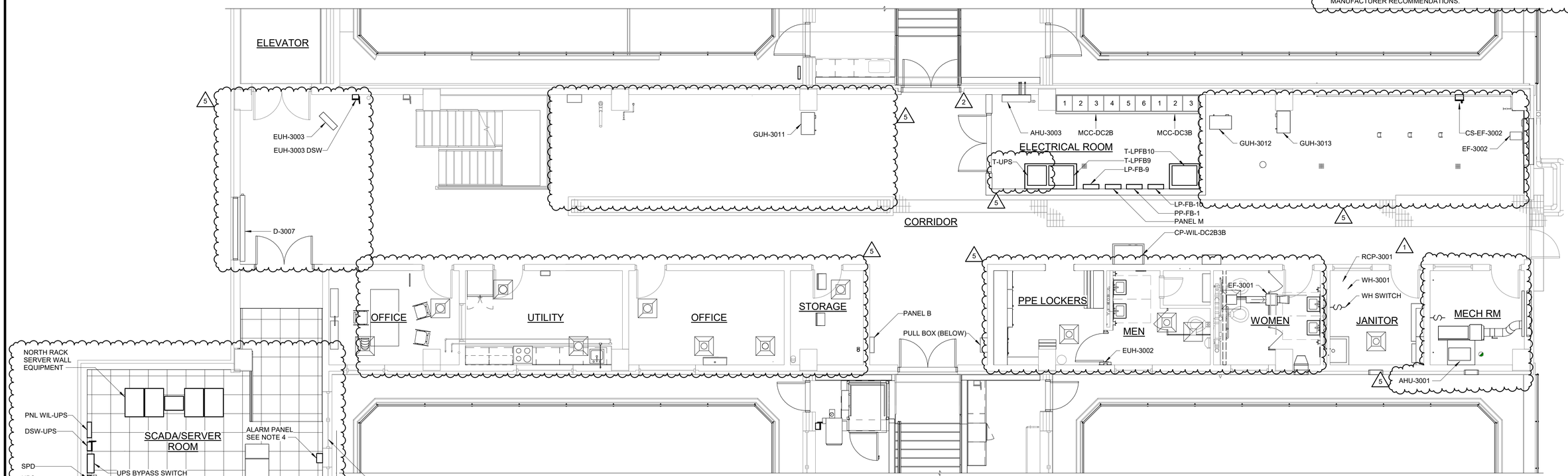
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CONTRACT NO.:	1
DRAWING NUMBER:	E3013

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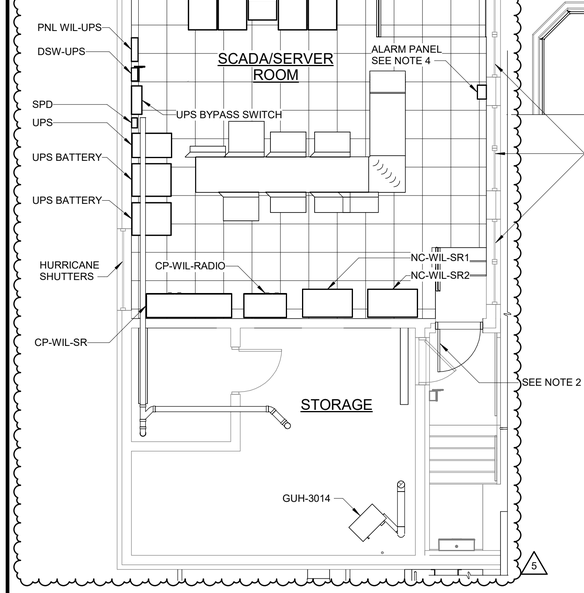
NOTES:

1. PLAN DRAWING SHOW APPROXIMATE EQUIPMENT AND INSTRUMENTATION LOCATIONS. COORDINATE EXACT LOCATIONS WITH FIELD REQUIREMENTS AND OTHER DISCIPLINES AND APPROVED SHOP DRAWINGS.
2. PROVIDE EMPTY CONDUIT WITH PULLSTRING FROM EXISTING SECURITY PANEL LOCATION TO INDICATED DOORS FOR ACCESS CONTROL CARD READERS. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING SECURITY PANEL.
3. EXHAUST FAN EF-3001 SHALL BE CIRCUITED TO THE LOCAL LIGHTING CIRCUIT AND OPERATE FROM THE LOCAL LIGHT SWITCH.
4. FURNISH AND INSTALL ALL CONTROL WIRING FOR UPS SYSTEM PER MANUFACTURER RECOMMENDATIONS.

N
PLANT NORTH



ENLARGED TOP PLAN - SECOND FLOOR
3/16" = 1'-0"



KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
4	FO-016	04-30-26	BDB
3	CONFORMED DRAWINGS	03-13-25	BDB
2	ADDENDUM 6	02-04-25	BDB
1	ADDENDUM 1	12-12-24	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

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LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED TOP PLAN - SECOND FLOOR

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3014

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NOT USED

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

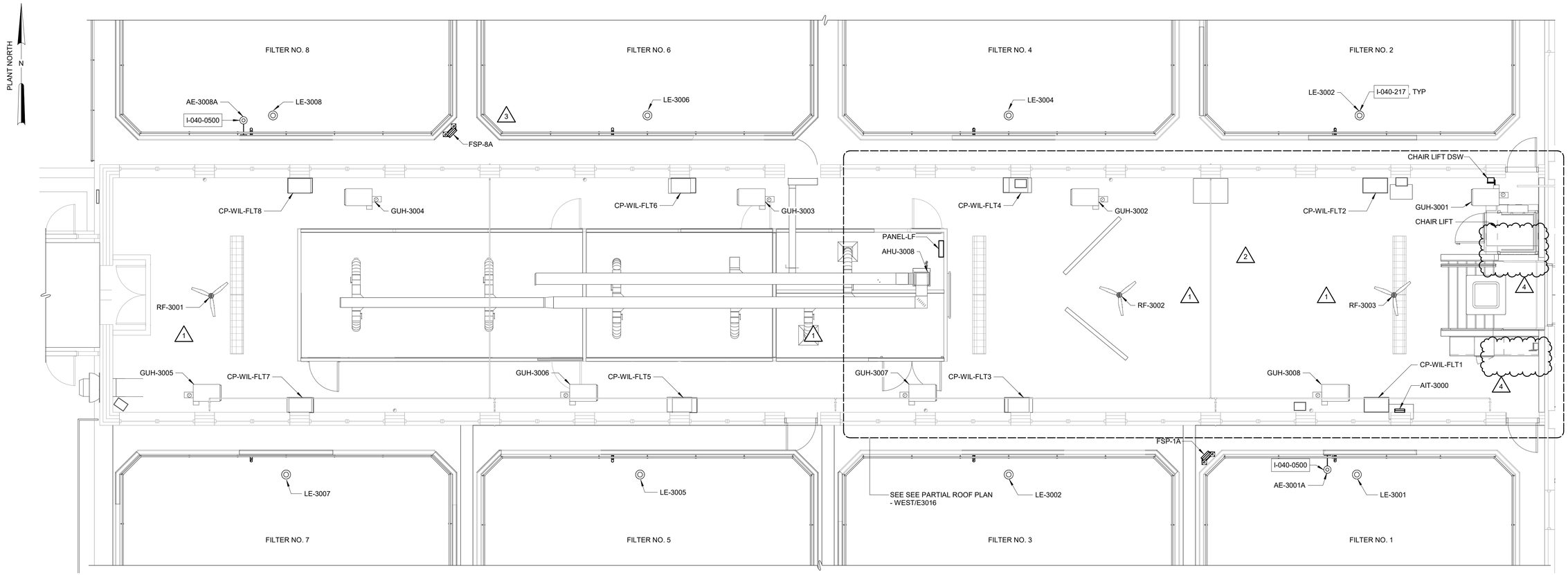
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED TOP PLAN - SECOND FLOOR - DAY LAB

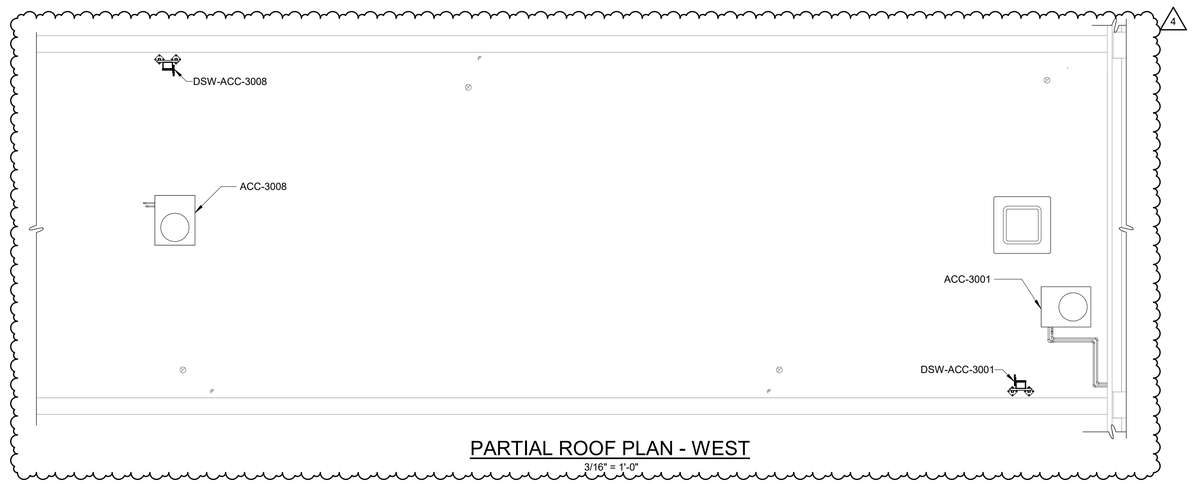
DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3015

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ELEc.rvt
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ENLARGED TOP PLAN - SECOND FLOOR WEST

3/16" = 1'-0"



PARTIAL ROOF PLAN - WEST

3/16" = 1'-0"



KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
4	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
3	FO-016	04-30-26	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 6	02-04-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED TOP PLAN - SECOND FLOOR WEST

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3016

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ELEC.rvt
7/6/2026 11:43:34 AM

PLANT NORTH

N

FILTER NO. 10

FILTER NO. 12

FILTER NO. 14

FILTER NO. 16

LE-3010

I-040-217 , TYP

LE-3012

LE-3014

LE-3016

AE-3016A

I-040-0500

1

FSP-16A

CP-WIL-FLT10

CP-WIL-FLT12

CP-WIL-FLT14

CP-WIL-FLT16

SEE SEE PARTIAL ROOF PLAN
- EAST/E3017

CP-WIL-FLT9

CP-WIL-FLT11

CP-WIL-FLT13

CP-WIL-FLT15

FSP-9A

I-040-0500

1

AE-3009A

LE-3009

LE-3011

LE-3013

LE-3015

FILTER NO. 9

FILTER NO. 11

FILTER NO. 13

FILTER NO. 15

ENLARGED TOP PLAN - SECOND FLOOR EAST

3/16" = 1'-0"

3

ACC-3003

ACC-3003 DSW

PARTIAL ROOF PLAN - EAST

3/16" = 1'-0"

KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
2	FO-016	04-30-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED TOP PLAN - SECOND FLOOR EAST

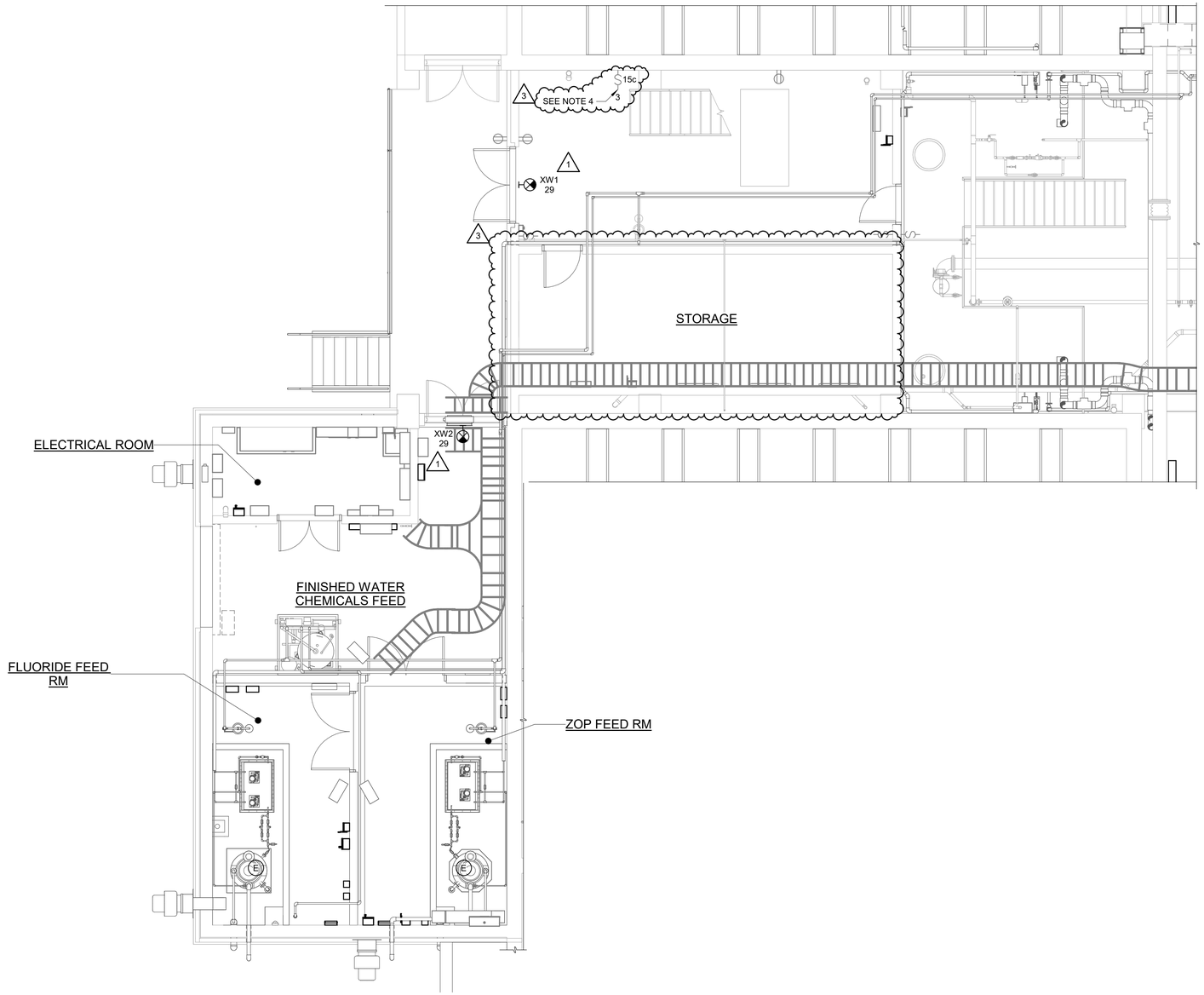
DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3017

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-3000-FB-3100-FWC-ELEC.rvt
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PLANT NORTH

NOTES:

1. INSTALL RJ45 OUTLET WITH SS FACEPLATE IN SURFACE MOUNTED BOX AT 60" AFF. PROVIDE 3/4" CONDUIT WITH (1) CAT6 CABLE FROM OUTLET TO SCADA ROOM.
2. FIXTURE TYPE 'XW2' SHALL BE MOUNTED 1' ABOVE RESPECTIVE DOOR FRAME UNLESS OTHERWISE NOTED.
3. ALL "LP4" TYPE LIGHT FIXTURES SHALL BE PENDANT-MOUNTED FROM CEILING WITH BOTTOM OF FIXTURE 10'-8" AFF.
4. RECIRCUIT EXISTING LIGHT SWITCH TO NEW CIRCUIT "15c" FED FROM PANEL-LP-FB-10 IN ELECTRICAL ROOM.



ENLARGED INTERMEDIATE SYSTEM AND LIGHTING PLAN - CROSS GALLERY

3/16" = 1'-0"



KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 1	12-12-24	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED INTERMEDIATE SYSTEM AND LIGHTING PLAN - CROSS GALLERY

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3018

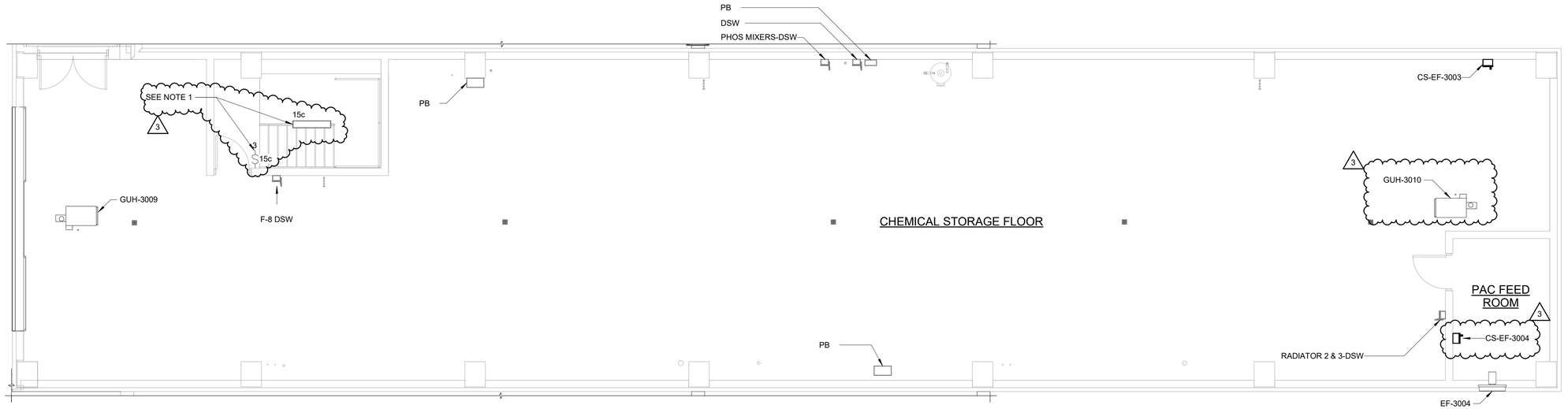
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PLANT NORTH

NOTES:

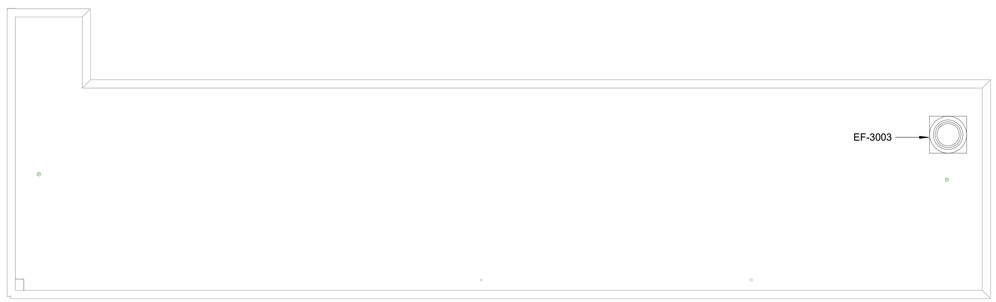
1. RECIRCUIT EXISTING LIGHT FIXTURE AND ASSOCIATED LIGHT SWITCH TO NEW CIRCUIT "15c" FED FROM PANEL-LP-FB-10 IN ELECTRICAL ROOM.

3



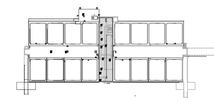
ENLARGED THIRD FLOOR POWER PLAN - CROSS GALLERY

3/16" = 1'-0"



ROOF PLAN - CROSS GALLERY

3/32" = 1'-0"



KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 6	02-04-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

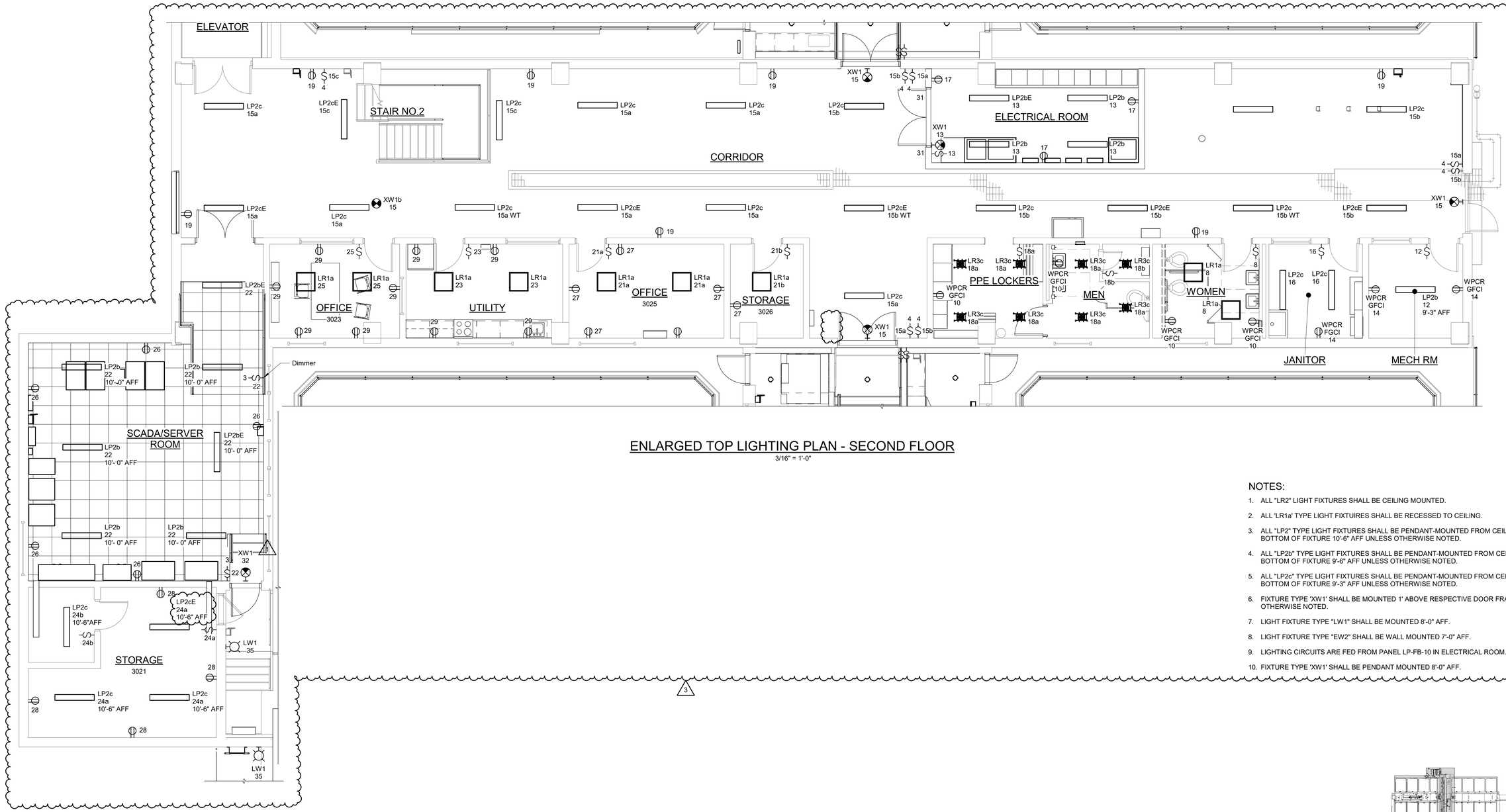
JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED THIRD FLOOR POWER PLAN - CROSS GALLERY

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3018A

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PLANT NORTH



ENLARGED TOP LIGHTING PLAN - SECOND FLOOR

3/16" = 1'-0"

NOTES:

1. ALL "LR2" LIGHT FIXTURES SHALL BE CEILING MOUNTED.
2. ALL 'LR1a' TYPE LIGHT FIXTUIRES SHALL BE RECESSED TO CEILING.
3. ALL "LP2" TYPE LIGHT FIXTURES SHALL BE PENDANT-MOUNTED FROM CEILING WITH BOTTOM OF FIXTURE 10'-6" AFF UNLESS OTHERWISE NOTED.
4. ALL "LP2b" TYPE LIGHT FIXTURES SHALL BE PENDANT-MOUNTED FROM CEILING WITH BOTTOM OF FIXTURE 9'-6" AFF UNLESS OTHERWISE NOTED.
5. ALL "LP2c" TYPE LIGHT FIXTURES SHALL BE PENDANT-MOUNTED FROM CEILING WITH BOTTOM OF FIXTURE 9'-3" AFF UNLESS OTHERWISE NOTED.
6. FIXTURE TYPE 'XW1' SHALL BE MOUNTED 1' ABOVE RESPECTIVE DOOR FRAME UNLESS OTHERWISE NOTED.
7. LIGHT FIXTURE TYPE "LW1" SHALL BE MOUNTED 8'-0" AFF.
8. LIGHT FIXTURE TYPE "EW2" SHALL BE WALL MOUNTED 7'-0" AFF.
9. LIGHTING CIRCUITS ARE FED FROM PANEL LP-FB-10 IN ELECTRICAL ROOM.
10. FIXTURE TYPE 'XW1' SHALL BE PENDANT MOUNTED 8'-0" AFF.



KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 1	12-12-24	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	N. NELSON
DRAWN BY:	N. NELSON
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ENLARGED TOP LIGHTING PLAN - SECOND FLOOR

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3019

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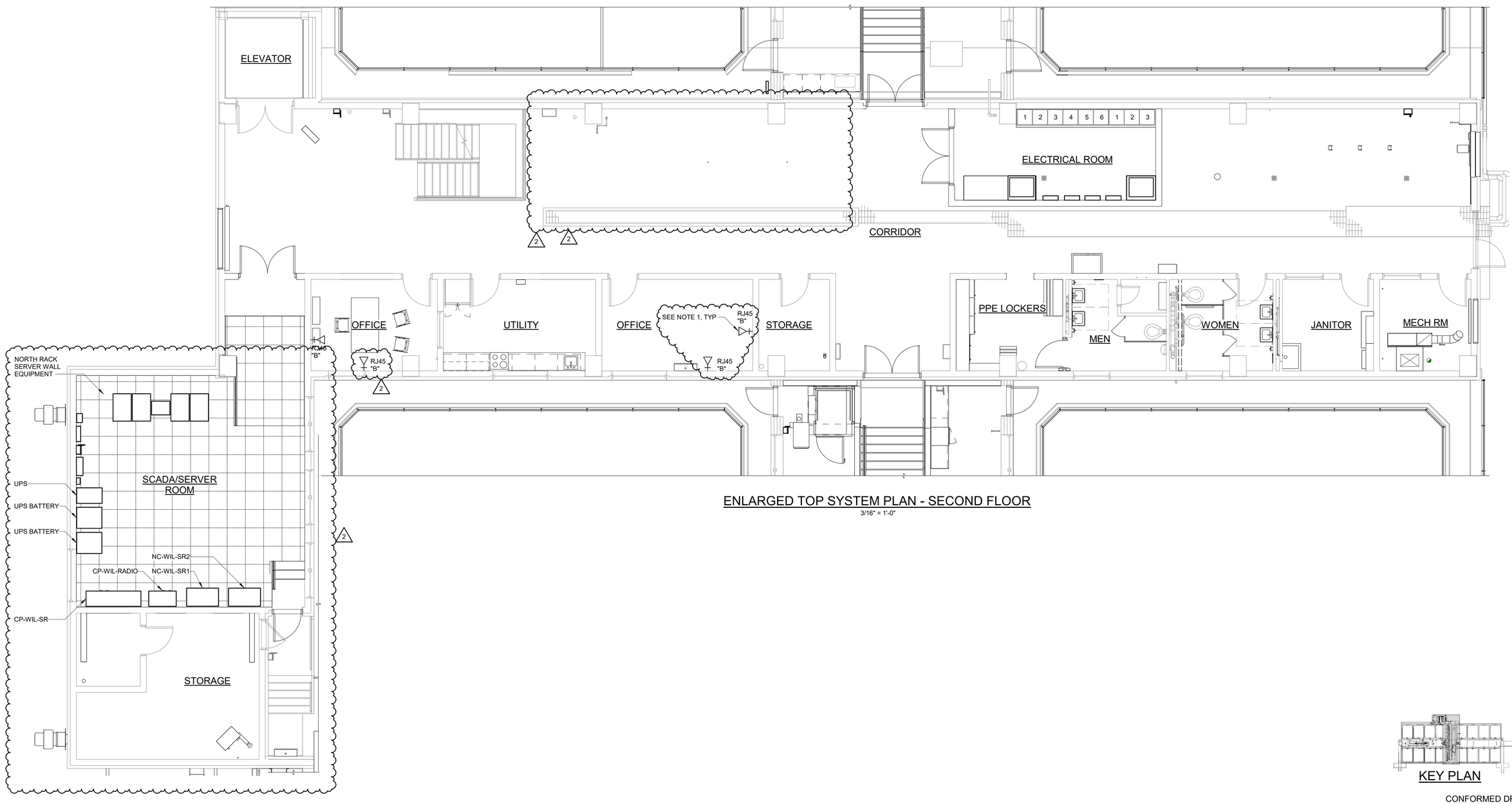
NOTES:

1. FOR EACH BUSINESS AND SCADA NETWORK/DATA OUTLET SHOWN, FURNISH AND INSTALL 1-CAT 6 CABLE IN A 3/4-INCH CONDUIT TO THE SCADA ROOM.

2

N

PLANT NORTH



ENLARGED TOP SYSTEM PLAN - SECOND FLOOR

3/16" = 1'-0"



KEY PLAN

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	N. NELSON
DRAWN BY:	N. NELSON
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

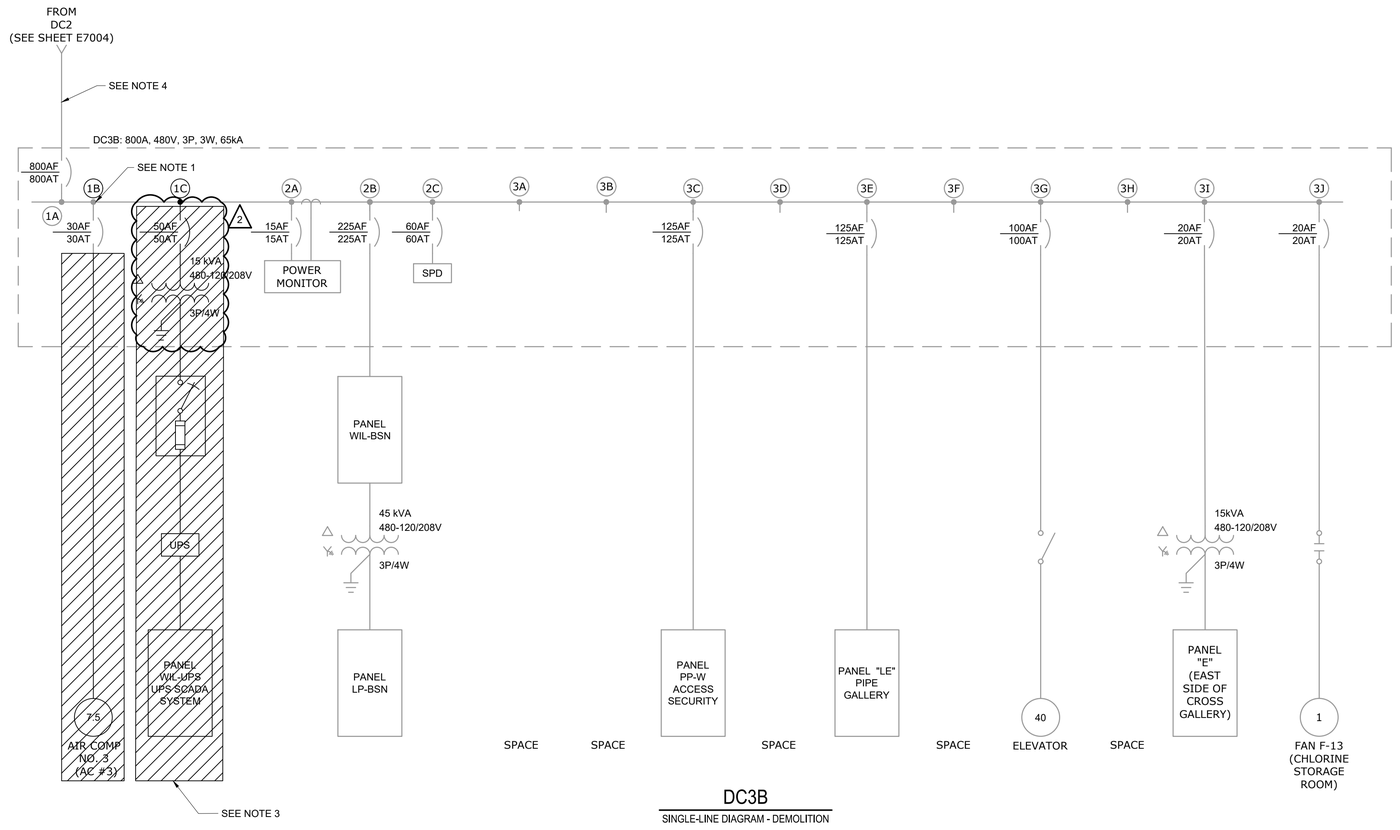
FILTER BUILDING
ELECTRICAL
ENLARGED TOP SYSTEM PLAN - SECOND FLOOR

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3022

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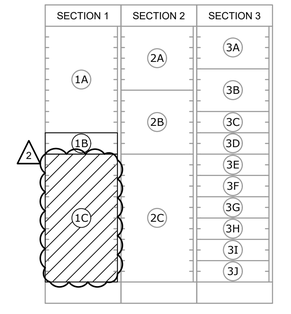
NOTES:

1. DISCONNECT AIR COMPRESSOR No. 3 AND DEMOLISH CONDUCTORS BACK TO DC3B. PRESERVE CONDUIT FOR FUTURE USE.
2. EXISTING DC3B IS AN ALLEN-BRADLEY BUL. 2100 MOTOR CONTROL CENTER; CATALOG NO./SERIAL NO. 6501233399/600.
3. REMOVE UNIT AS SHOWN. SEE SHEET E3029 FOR ADDITIONAL REQUIREMENTS.
4. DEMOLISH FEED CABLES FROM DC2 TO DC3B. PRESERVE CONDUIT FOR REUSE.



DC3B

SINGLE-LINE DIAGRAM - DEMOLITION



DC3B ELEVATION - DEMOLITION

N.T.S.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

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8150 N. CENTRAL EXPRESSWAY
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DALLAS, TEXAS 75206

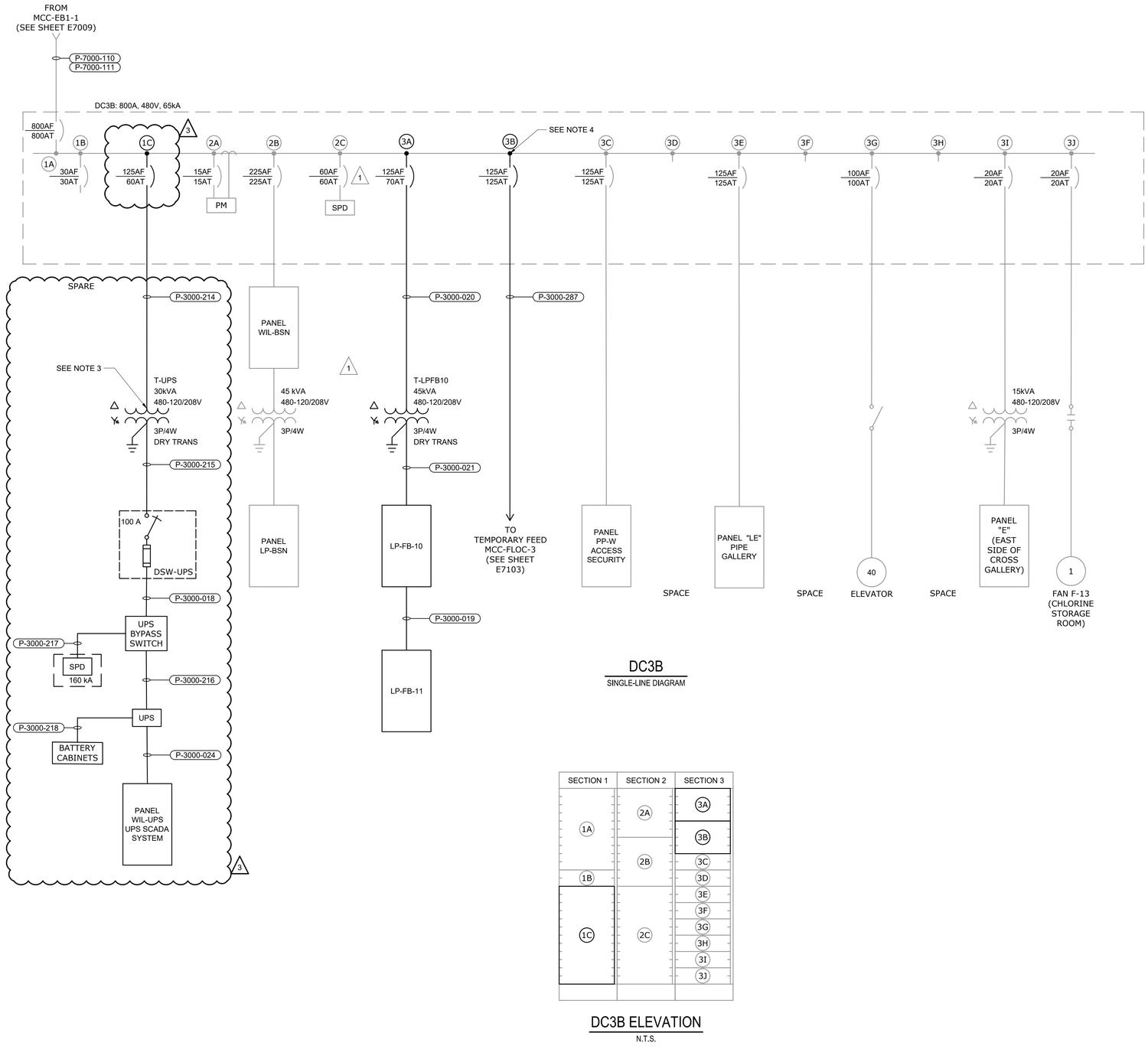
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
DC3B DEMOLITION SINGLE-LINE DIAGRAM AND ELEVATION

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3024

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PLOT DATE: 7/6/2026 2:38 PM BY: SREXHEPI



DC3B
SINGLE-LINE DIAGRAM

DC3B ELEVATION
N.T.S.

NOTES:

1. FURNISH AND INSTALL NEW CIRCUIT BREAKER UNIT AS SHOWN. FURNISH AND INSTALL NEW ENGRAVED NAMEPLATE FOR BREAKER UNIT.
2. EXISTING DC3B IS AN ALLEN-BRADLEY BUL. 2100 MOTOR CONTROL CENTER; CATALOG NO./SERIAL NO. 6501233399/600.
3. TRANSFORMER T-UPS SHALL BE PROVIDED WITH A MINIMUM K-FACTOR OF 13 (K-13), SUITABLE FOR NON-LINEAR LOADS.
4. CIRCUITS INDICATED ARE INTENDED TO BE TEMPORARY AND SHALL BE DISCONNECTED AND MARKED AS SPARE AFTER THE RESPECTIVE EQUIPMENT IS SWITCHED OVER TO MCC-EB1-2. CONDUIT AND WIRE ARE TEMPORARY AND SHALL BE REMOVED AFTER BEING DISCONNECTED.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 6	02-04-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
DC3B SINGLE-LINE DIAGRAM AND ELEVATION

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3029

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PLOT DATE: 7/6/2026 3:42 PM BY: SREXHEPI

NOTES:

1. LIGHTING AND RECEPTACLE CIRCUITS SHALL UTILIZE 2/12, #12GND IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
2. RECONNECT EXISTING LOADS TO NEW PANEL. INTERCEPT EXISTING CIRCUITS IN CEILING SPACE, INSTALL JBOX, AND EXTEND CIRCUITS TO NEW PANEL LOCATION.
3. FURNISH AND INSTALL NEW 20A, 120V, SINGLE POLE CIRCUIT BREAKER TO SUPPLY NEW LOAD AS SHOWN. FURNISH AND SUPPLY LOCK-OFF DEVICES WHERE INDICATED IN PROPOSED SCHEDULE.

208/120 VOLTS
3 PHASE, 4 WIRE

PANEL M
MAIN BREAKER
40A 3P

TYPE: NEMA 1
MOUNT: SURFACE

4

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	UNKNOWN		20	1	1	-			-			2	1	20		110 VOLT RECEP.	LFD
LFD	SPARE		20	1	3		-			830		4	1	20		VENT FAN LOUVER	LFD
LFD	SPARE		20	1	5			-			-	6	1	20		VENT FAN LOUVER	LFD
LFD	SPARE		20	1	7	-			-			8	1	20		SPARE	LFD
LFD	SPARE		20	1	9		-			-		10	1	20		SPARE	LFD
LFD	SPARE		20	1	11			-			-	12	1	20		SPARE	LFD
	SPACE		20	1	13	-			-			14	1			SPACE	LFD
	SPACE		20	1	15		-			-		16	1			SPACE	LFD
	SPACE		20	1	17			-			-	18	1			SPACE	LFD
	SPACE		20	1	19	-			-			20	1			SPACE	LFD
	SPACE		20	1	21		-			-		22	1			SPACE	LFD
	SPACE			1	23			-			-	24	1			SPACE	LFD

SEE NOTE 2, TYP

TOTAL	0	0	0	0	830	0	TOTAL
PHASE TOTAL				TOTAL LOAD (VA)			
0	830	0		830			
				TOTAL LOAD (A)			
				2			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD

208/120 VOLTS
3 PHASE, 4 WIRE

PANEL WIL-UPS
MAIN BREAKER
100A 3P

TYPE: NEMA 1
MOUNT: SURFACE

4

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	MAG METERS (PH)		20	1	1	-			-			2	1	20		CP-WIL-FLT5	LFD
LFD	CP-WIL-SR		20	1	3		600			-		4	1	20		SPARE	LFD
LFD	CP-WIL-RADIO		20	1	5			600			-	6	1	20		REC WIL 3	LFD
LFD	NC-WIL-SR1		20	1	7	600			-			8	1	20		REC WIL 3	LFD
LFD	NC-WIL-SR2		20	1	9		600			-		10	1	20		REC WIL 3	LFD
LFD	ADP 201 & 401 SECURITY PANELS		20	1	11			-			-	12	1	20		REC WIL 4	LFD
LFD	SPARE		20	1	13	-			-			14	1	20		REC WIL 4	LFD
LFD	SPARE		20	1	15		-			-		16	1	20		CP-WIL-FLT2	LFD
LFD	SPARE		20	1	17			-			-	18	1	20		CP-WIL-FLT3	LFD
LFD	SPARE		20	1	19	-			-			20	1	20		CP-WIL-FLT4	LFD
LFD	SURGE ARRESTOR		20	2	21		-			-		22	1	20		CP-WIL-FLT7	LFD
					23			-			-	24	1	20		CP-WIL-FLT6	LFD
LFD	CP-WIL-FLT1		20	1	25	-			-			26	1	20		FILTER CONTROLS #5-#8	LFD
LFD	CP-WIL-FLT8		20	1	27		-			600		28	1	20		CP-WIL-AR	LFD
LFD	CP-WIL-FLT9		20	1	29			-			-	30	1	20		MARSHALLING	LFD
LFD	CP-WIL-FLT12		20	1	31	-			-			32	1	20		BACKUP PANEL	LFD
LFD	CP-WIL-FLT11		20	1	33		-			-		34	1	20		HUB ROUTER	LFD
LFD	CP-WIL-FLT10		20	1	35			-			-	36	1	20		SPARE	LFD
LFD	CP-WIL-FLT13		20	1	37	-			-			38	1	20		CP-WIL-FLT15	LFD
LFD	CP-WIL-FLT14		20	1	39		-			-		40	1	20		CP-WIL-FLT16	LFD
LFD					41			-			-	42					LFD

SEE NOTE 2, TYP

SEE NOTE 3

TOTAL	600	1,200	600	0	600	0	TOTAL
PHASE TOTAL				TOTAL LOAD (VA)			
600	1,800	600		3,000			
				TOTAL LOAD (A)			
				8			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
4	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
3	FO-016	12-30-25	BDB
2	FO-005	11-12-25	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
PANEL SCHEDULES AND RISER DIAGRAMS I

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E3030

File: C:_DOCACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E3030 Saved by SREXHEPI Save date: 7/6/2026 1:24 PM
PLOT DATE: 7/6/2026 1:27 PM BY: SREXHEPI

208/120 VOLTS
3 PHASE, 4 WIRE

PANEL LF
MAIN BREAKER
150A 3P

TYPE: NEMA 1
MOUNT: SURFACE

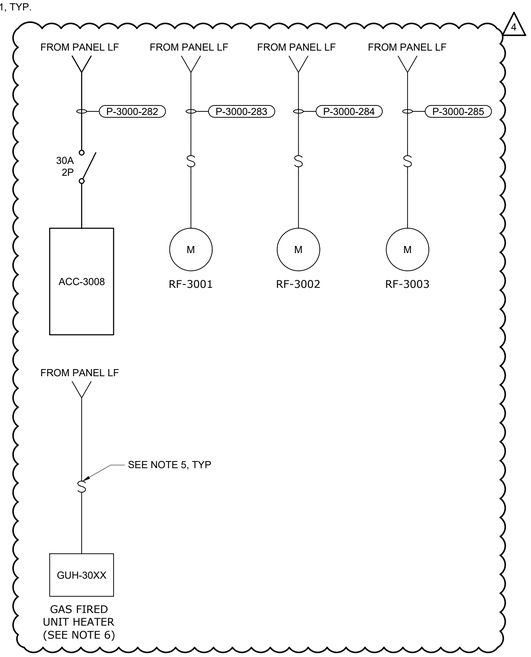
MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	B	C	VOLT-AMPERES A	B	C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	SURGE PROTECTOR, RECP FIRST OFFICE, LIGHTS-OFFICE		30	3	1	-			-			2	1	20		RECP CENTER OFFICE	LFD
					3		-			-		4	1	20		LIGHTS-MEETING ROOM	LFD
					5			-				6	2	40		HEAT PUMP	LFD
LFD	UNKNOWN		20	1	7							8					
LFD	UNKNOWN		20	1	9							10	2	60		HEAT STRIPS	LFD
LFD	UNKNOWN		20	1	11							12					
LFD	UNKNOWN		20	1	13	1,000			-			14	1	20		REC. SCADA PRINTER/MODEL PLANT	LFD
LFD	UNKNOWN		20	1	15		1,000			710		16	1	20	SEE NOTE 1	EAST GALLERY LTG. - WEST	LFD
LFD	CONF. ROOM RECEPT.	SEE NOTE 1	20	1	17			720			740	18	1	20	SEE NOTE 1	EAST GALLERY LTG. - EAST	LFD
LFD	CONF. ROOM LTG.	SEE NOTE 1	20	1	19	400			2,700			20	2	30	P-3000-282	ACC-3008	LFD
LFD	WEST GALLERY LTG. - WEST	SEE NOTE 1	20	1	21		530			2,700		22					
LFD	WEST GALLERY LTG. - EAST	SEE NOTE 1	20	1	23			600			500	24	1	20	P-3000-283	RF-3001	LFD
LFD	WEST GALLERY STORAGE LTG.	SEE NOTE 1	20	1	25	130			500			26	1	20	P-3000-284	RF-3002	LFD
LFD	GUH-3001	P-3000-004	20	1	27		800			500		28	1	20	P-3000-285	RF-3003	LFD
LFD	GUH-3002	P-3000-006	20	1	29			800			800	30	1	20	P-3000-026	GUH-3006	LFD
LFD	GUH-3003	P-3000-009	20	1	31	800			800			32	1	20	P-3000-027	GUH-3007	LFD
LFD	GUH-3004	P-3000-011	20	1	33		800			800		34	1	20	P-3000-277	GUH-3008	LFD
LFD	GUH-3005	P-3000-025	20	1	35			800			800	36	1	20	P-3000-278	GUH-3009	LFD
LFD	EAST AND WEST OUTSIDE LIGHTING	SEE NOTE 1	20	1	37	220			3,200			38	2	30	P-3000-232	AHU-3008	LFD
LFD	SPARE		20	1	39		-			3,200		40					
LFD	SPARE		20	1	41			-			-	42	1	20		SPARE	LFD

TOTAL	2,550	3,130	2,920	7,200	7,910	2,840	TOTAL
	PHASE TOTAL			TOTAL LOAD (VA)			
	9,750	11,040	5,760	26,550			
				TOTAL LOAD (A)			
				74			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD

SEE NOTE 1, TYP.



NOTES:

1. RECONNECT EXISTING LOADS TO NEW PANEL. INTERCEPT EXISTING CIRCUITS IN CEILING SPACE, INSTALL JBOX, AND EXTEND CIRCUITS TO NEW PANEL LOCATION.
2. FURNISH AND INSTALL 20A, 120V, SINGLE POLE CIRCUIT BREAKER TO SUPPLY NEW LOAD AS SHOWN. FURNISH AND SUPPLY LOCK-OFF DEVICES WHERE INDICATED IN PROPOSED SCHEDULE.
3. CONTRACTOR SHALL UPDATE EXISTING PANEL D SCHEDULE TO REFLECT CHANGES SHOWN.
4. CONTRACTOR SHALL FIELD VERIFY EXISTING BREAKER SIZES.
5. NSSC MANUAL MOTORS STARTING SWITCH WITHOUT OVERLOAD PROTECTION.
6. RISER IS TYPICAL FOR ALL GAS FIRED UNIT HEATERS.

208/120 VOLTS
3 PHASE, 4 WIRE

PANEL D
MAIN LUG ONLY

TYPE: NEMA 1
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	B	C	VOLT-AMPERES A	B	C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
	BREAK ROOM RECEPS. & STOVE			2	1	-			-			2	2	60		UNKNOWN	
					3		-			-		4					
	NORTH WORK BENCH RECP. & POWER			2	5			-			-	6	2	?		TECH SHOP & HEATER	
					7	-			-			8					
	VENT FAN F-12/CHLORINE ROOM		20	1	9		-			-		10	1	20		TIME CLOCK RECEP.	
	BREAK ROOM RECEP.		20	1	11			-				12	1	20		DAY LAB RECEPS.	
	CONTROL ROOM RECEPS.		20	1	13	-						14	1	20		SPARE	
	DOCK ENTRY RECEPTS.		20	1	15		-			-		16	1	20		COMPUTER RECEPS.	
	PHASE 2 UPS		40	1	17			-			-	18	1	20		CHLORINE ROOM RECEPS.	
	SPARE		20	1	19	-			-			20	1	20		ELEVATOR LIGHTS	
	ELEVATOR ROOM RECEPS.		20	1	21		-			-		22	1	20		RECP. UNDER CONTR. CONSOLE	
	UNKOWN		40	2	23			-			-	24	3	65		TECH SHOP BLOWER	
					25	-			-			26					
	UNKOWN		20	1	27					-		28					
	SPARE		20	1	29			-			-	30	1	20		UGH5, UHG15, UHG16 CHLORINE ROOM HEATER	
	UHG5/VENT FAN F-5		20	1	31				-			32	1	20		SPARE	

TOTAL	0	0	0	0	0	0	TOTAL
	PHASE TOTAL			TOTAL LOAD (VA)			
	0	0	0	0			
				TOTAL LOAD (A)			
				0			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
UNKNOWN AMPERAGE

SEE NOTE 4, TYP

SEE NOTE 2, TYP

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
4	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
3	CONFORMED DRAWINGS	03-13-25	BDB
2	ADDENDUM 6	02-04-25	BDB
1	ADDENDUM 1	12-17-24	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
PANEL SCHEDULES AND RISER DIAGRAMS II

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E3031

File: C:_DC\ACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E3031 Saved by SREXHEPI Save date: 7/6/2026 1:28 PM
PLOT DATE: 7/6/2026 8:13 PM BY: SREXHEPI

208/120 VOLTS
3 PHASE, 4 WIRE

LP-FB-9
MAIN BREAKER
150A 3P

TYPE: NEMA 1
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	GUH-3010	P-3000-005	20	1	1	800			800			2	1	20	P-3000-008	GUH-3012	LFD
LFD	GUH-3011	P-3000-007	20	1	3		800			800		4	1	20	P-3000-010	GUH-3013	LFD
LFD	D-3007	P-3000-343	20	1	5			100			1,200	6	1	20	P-3000-212	EF-3008	LFD
LFD	GUH-3014	P-3000-003	20	1	7	800			-			8	1	20	-	SPARE	LFD
LFD	SPARE		20	1	9		-			-		10	1	20	-	SPARE	LFD
LFD	SPARE		20	1	11			-			-	12	1	20	-	SPARE	LFD
LFD	SPARE		20	1	13	-			-			14	1	20	-	SPARE	LFD
LFD	SPARE		20	1	15		-			530		16	1	20	P-3000-242	RCP-3001	LFD
LFD	SPARE		20	1	17			-			530	18	1	20	P-3000-243	DP-3001	LFD
LFD	SPARE		20	1	19	-			2,300			20	2	25	P-3000-244	ACC-3003	LFD
LFD	EUH-3002	P-3000-222	20	1	21		1,500			2,300		22					
LFD	EUH-3004	P-3000-221	20	1	23			1,500			-	24	2	20	-	SPARE	LFD
LFD	SPARE		20	2	25	-			-			26					
					27		-			-		28	2	20	-	SPARE	LFD
LFD	SPARE		20	1	29			-			-	30					
LFD	SPARE		20	1	31	-			-			32	2	20	-	SPARE	LFD
LFD	EF-3004	P-3000-264	20	1	33		500			-		34					
LFD	HURRICANE SHUTTERS BREAK RM AND CONTROL RM	P-3000-029	20	1	35			5,000			-	36	2	20	-	SPARE	LFD
LFD	SPARE		20	2	37	-			-			38					
					39		-			-		40	1	20	-	SPARE	LFD
LFD	SPARE		20	1	41			-			-	42	1	20	-	SPARE	LFD

TOTAL	1,600	2,800	6,600
PHASE TOTAL			
	4,700	6,430	8,330

3,100	3,630	1,730	TOTAL
TOTAL LOAD (VA)			
19,460			
TOTAL LOAD (A)			
54			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD

208/120 VOLTS
3 PHASE, 4 WIRE

LP-FB-10
MAIN BREAKER
150A 3P

TYPE: NEMA 1
MOUNT: SURFACE

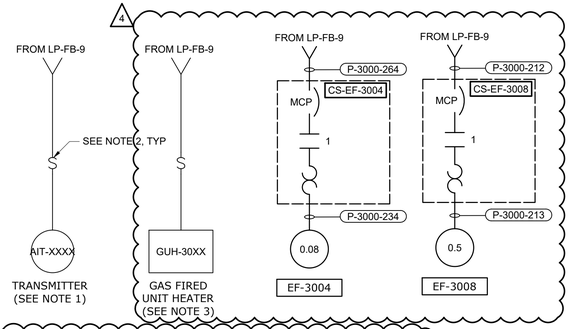
MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	SPARE		20	2	1	-			-			2	2	20		SPARE	LFD
					3		-			-		4					
LFD	ACC-3001	P-3000-259	40	2	5			4,000			3,000	6	1	20	P-3000-266	CHAIR LIFT	LFD
					7	4,000			240			8	1	20	SEE NOTE 1	WOMENS RESTROOM LIGHTING	LFD
LFD	SPARE		40	2	9		-			540		10	1	20	SEE NOTE 1	MEN & WOMENS RESTROOM RECP	LFD
					11			-			120	12	1	20	SEE NOTE 1	MECH RM LIGHTING	LFD
LFD	ELECTRICAL ROOM LIGHTING	SEE NOTE 1	20	1	13	250			1,080			14	1	20	SEE NOTE 1	MECH RM & UTILITY/JANITOR RECP	LFD
LFD	CORRIDOR LIGHTING	SEE NOTE 1	20	1	15		1,100			120		16	1	20	SEE NOTE 1	UTILITY/JANITOR LIGHTING	LFD
LFD	ELECTRICAL ROOM RECP	SEE NOTE 1	20	1	17			540			750	18	1	20	SEE NOTE 1	MENS RESTROOM LIGHTING & EF-3001	LFD
LFD	CORRIDOR AND STAIR RECP	SEE NOTE 1	20	1	19	720			-			20	1	20	SEE NOTE 1	SPARE	LFD
LFD	STORAGE (3031) & OFFICE (3036) LIGHTING	SEE NOTE 1	20	1	21		210			250		22	1	20	SEE NOTE 1	CONTROL/SERVER ROOM LIGHTING	LFD
LFD	BREAKROOM LIGHTING	SEE NOTE 1	20	1	23			80				24	1	20	SEE NOTE 1	STORAGE ROOM (3035) LIGHTING	LFD
LFD	OFFICE (3033) LIGHTING	SEE NOTE 1	20	1	25	80						26	1	20	SEE NOTE 1	CONTROL/SERVER ROOM RECP	LFD
LFD	STORAGE (3031) & OFFICE (3036) RECP	SEE NOTE 1	20	1	27		360					28	1	20	SEE NOTE 1	STORAGE ROOM (3035) RECP	LFD
LFD	OFFICE (3033) & BREAKROOM RECP	SEE NOTE 1	20	1	29			1,620				30	1	20		SPARE	LFD
LFD	SPARE		20	1	31							32	1	20		SPARE	LFD
LFD	RCP-3001	P-3000-289	20	1	33		500					34	1	20		SPARE	LFD
LFD	SERVER & STORAGE ROOM OUTSITE LIGHT	SEE NOTE 1	20	1	35			150				36	1	20		SPARE	LFD
LFD	AHU-3001	P-3000-261	20	1	37	1,200			3,910			38	3	60	P-3000-19	LP-FB-11	LFD
LFD	SPARE		20	1	39		-			5,260		40					
LFD	SPARE		20	1	41			-			4,550	42					

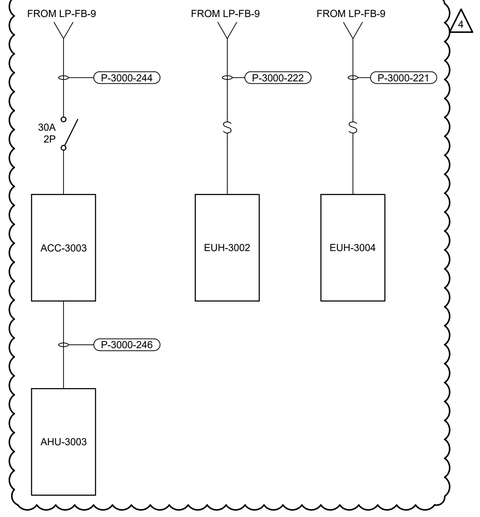
TOTAL	6,250	2,170	6,390
PHASE TOTAL			
	11,480	8,340	14,810

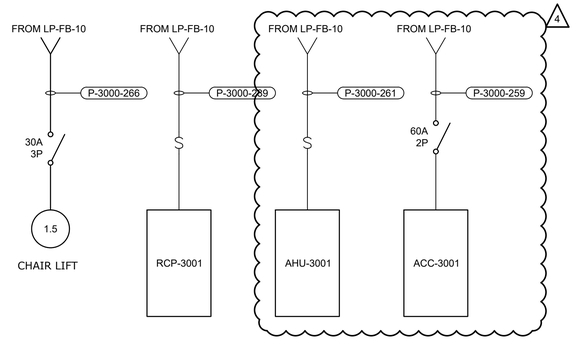
5,230	6,170	8,420	TOTAL
TOTAL LOAD (VA)			
34,630			
TOTAL LOAD (A)			
96			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD







NOTES:

1. RISER IS TYPICAL FOR ALL TRANSMITTERS.
2. NSSC SERIES MANUAL MOTORS STARTING SWITCH WITHOUT OVERLOAD PROTECTION.
3. RISER IS TYPICAL FOR ALL GAS FIRED UNIT HEATERS.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
4	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
3	CONFORMED DRAWINGS	03-13-25	BDB
2	ADDENDUM 6	02-04-25	BDB
1	ADDENDUM 1	12-17-24	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
PANEL SCHEDULES AND RISER DIAGRAMS VII

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E3036

File: C:_DOCS\ACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E3036 Saved by SREXHEPI Save date: 7/1/2026 5:23 PM
PLOT DATE: 7/6/2026 1:31 PM BY: SREXHEPI

208/120 VOLTS
3 PHASE, 4 WIRE

LP-FB-11
MAIN LUGS ONLY
100A BUS

TYPE: NEMA 12
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	B	C
LFD	FSH-6205	P-3000-267	20	1	1	60		
LFD	FSH-6160	P-3000-268	20	1	3		60	
LFD	LIT-6160	P-3000-269	20	1	5			100
LFD	SPARE		20	1	7	-		
LFD	FIT/FE-6161	P-3000-271	20	1	9		100	
LFD	FIT/FE-6162	P-3000-272	20	1	11			100
LFD	PMP-6211	P-3000-251	20	1	13	250		
LFD	PMP-6212	P-3000-252	20	1	15		250	
LFD	EF-3005	P-3000-265	20	1	17			500
LFD	EF-3007	P-3000-230	20	1	19	700		
EPD	HTCP-3000-1	P-3000-195	20	1	21		1,000	
LFD	T-3010	P-3000-346	20	1	23			100
LFD	T-3012	P-3000-348	20	1	25	100		
LFD	LCP-3001	P-3000-038	20	1	27		500	
LFD	LCP-3003	P-3000-049	20	1	29			500
LFD	LCP-3005	P-3000-060	20	1	31	500		
LFD	LCP-3007	P-3000-071	20	1	33		500	
LFD	LCP-3009	P-3000-126	20	1	35			500
LFD	LCP-3011	P-3000-137	20	1	37	500		
LFD	LCP-3013	P-3000-148	20	1	39		500	
LFD	LCP-3015	P-3000-159	20	1	41			500
LFD	FSH-BASEMENT GALLERY EYEWASH	P-3000-240	20	1	43	100		
LFD	SPARE		20	1	45		-	
LFD	SPARE		20	1	47			-
LFD	SPARE		20	1	49	-		
LFD	SPARE		20	1	51		-	
LFD	SPARE		20	1	53			-

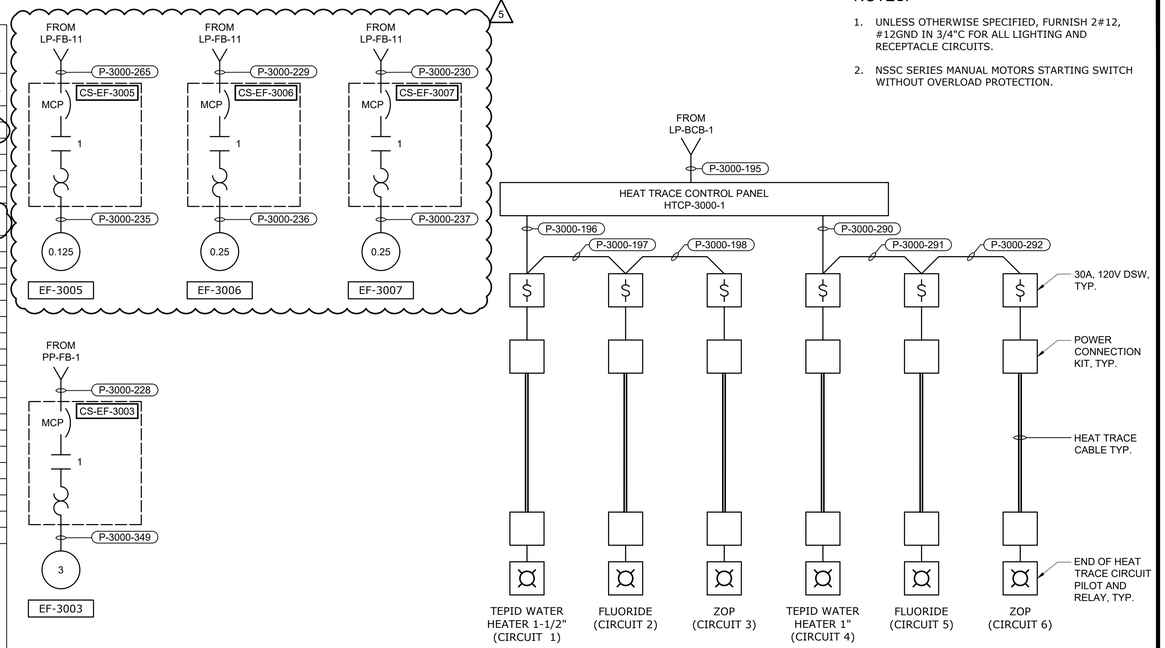
TOTAL	2,210	2,910	2,300
PHASE TOTAL			
	3,910	5,260	4,550

VOLT-AMPERES A	B	C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
100			2	1	20	P-3000-273	LIT-6210	LFD
	-		4	1	20		SPARE	LFD
		100	6	1	20	P-3000-344	D-3103	LFD
100			8	1	20	P-3000-345	D-3104	LFD
	250		10	1	20	P-3000-249	PMP-6161	LFD
		250	12	1	20	P-3000-250	PMP-6162	LFD
-			14	2	20		SPARE	LFD
	-		16					
		700	18	1	20	P-3000-229	EF-3006	LFD
-			20	1	20		SPARE	LFD
	600		22	1	20	P-3000-028	FINISHED WATER CHEMICAL FEED OH DOOR	LFD
		100	24	1	20	P-3000-347	T-3011	LFD
500			26	1	20	P-3000-082	LCP-3002	LFD
	500		28	1	20	P-3000-093	LCP-3004	LFD
		500	30	1	20	P-3000-104	LCP-3006	LFD
500			32	1	20	P-3000-115	LCP-3008	LFD
	500		34	1	20	P-3000-170	LCP-3010	LFD
		500	36	1	20	P-3000-181	LCP-3012	LFD
500			38	1	20	P-3000-192	LCP-3014	LFD
	500		40	1	20	P-3000-209	LCP-3016	LFD
		100	42	1	20	P-3000-241	FSH-LOADING DOCK AREA EYEWASH	LFD
-			44	1	20		SPARE	LFD
	-		46	1	20		SPARE	LFD
		-	48	1	20		SPARE	LFD
-			50	1	20		SPARE	LFD
	-		52	1	20		SPARE	LFD
		-	54	1	20		SPARE	LFD

1,700	2,350	2,250	TOTAL
TOTAL LOAD (VA)			
13,720			
TOTAL LOAD (A)			
38			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD



NOTES:

1. UNLESS OTHERWISE SPECIFIED, FURNISH 2#12, #12GND IN 3/4"C FOR ALL LIGHTING AND RECEPTACLE CIRCUITS.
2. NSSC SERIES MANUAL MOTORS STARTING SWITCH WITHOUT OVERLOAD PROTECTION.

480 VOLTS
3 PHASE, 3 WIRE

PP-FB-2
MAIN BREAKER
125A 3P

TYPE: NEMA 12
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	B	C
LFD	WH-3002	P-3000-253	20	3	1	3,400		
					3		3,400	
					5			3,400
LFD	EUH-3101	P-3000-255	20	3	7	2,500		
					9		2,500	
					11			2,500
LFD	EUH-3103	P-3000-257	20	3	13	1,000		
					15		1,000	
					17			1,000
LFD	SPARE		20	3	19	-		
					21		-	
					23			-
LFD	SPARE		20	3	25	-		
					27		-	
					29			-
LFD	SPARE		20	3	31	-		
					33		-	
					35			-
LFD	SPARE		20	3	37	-		
					39		-	
					41			-

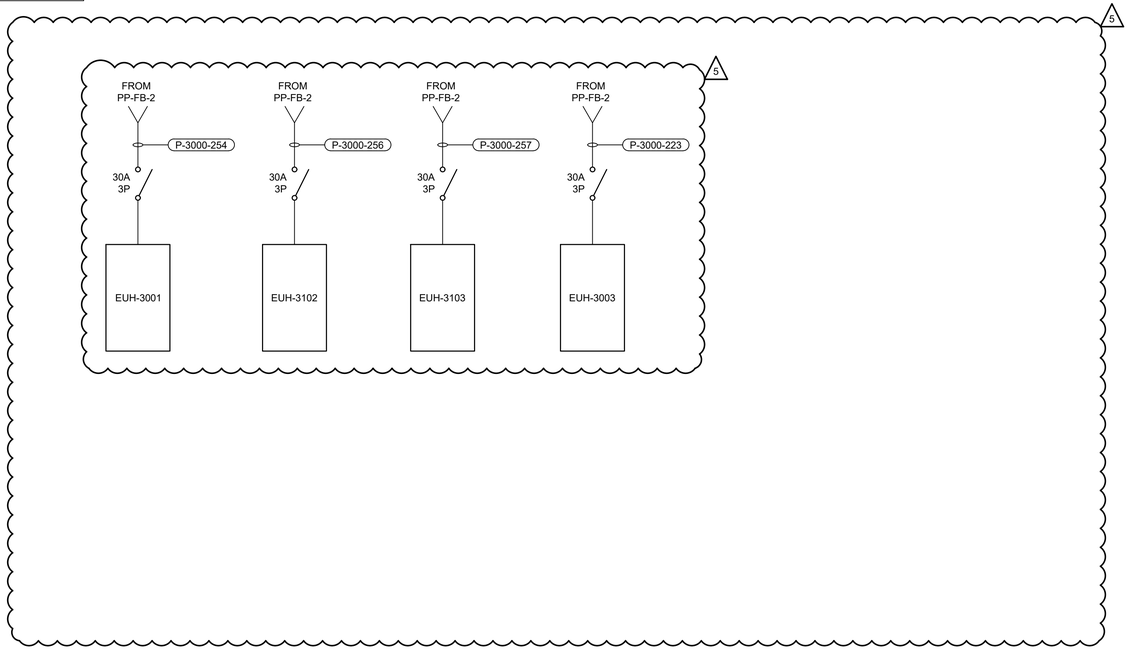
TOTAL	6,900	6,900	6,900
PHASE TOTAL			
	10,570	10,570	10,570

VOLT-AMPERES A	B	C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
1,000			2					
	1,000		4	3	20	P-3000-254	EUH-3001	LFD
		1,000	6					
1,670			8					
	1,670		10	3	20	P-3000-256	EUH-3102	LFD
		1,670	12					
1,000			14					
	1,000		16	3	20	P-3000-223	EUH-3003	LFD
		1,000	18					
-			20					
	-		22	3	20		SPARE	LFD
		-	24					
-			26					
	-		28	3	20		SPARE	LFD
		-	30					
-			32					
	-		34	3	20		SPARE	LFD
		-	36					
-			38					
	-		40	3	20		SPARE	LFD
		-	42					

3,670	3,670	3,670	TOTAL
TOTAL LOAD (VA)			
31,710			
TOTAL LOAD (A)			
38			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE
ETU - ELECTRONIC TRIP UNIT

NOTES:
42kAIC
100kA SPD



CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
4	FO-016	12-30-25	BDB
3	CONFORMED DRAWINGS	03-13-25	BDB
2	ADDENDUM 6	02-04-25	BDB
1	ADDENDUM 1	12-17-24	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
PANEL SCHEDULES AND RISER DIAGRAMS VIII

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E3037

File: C:_DC\ACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E3037 Saved by SREXHEPI Save date: 7/1/2026 5:23 PM
PLOT DATE: 7/6/2026 1:32 PM BY: SREXHEPI

480 VOLTS
3 PHASE, 3 WIRE

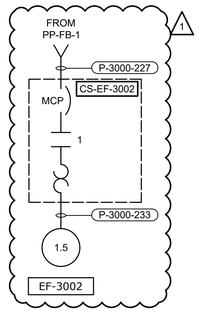
PP-FB-1
MAIN BREAKER
225A 3P ETU

TYPE: NEMA 1
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	WH-3001	P-3000-258	20	3	1	2,000			1,300			2					
					3		2,000			1,300		4	3	20	P-3000-228	EF-3003	LFD
					5			2,000			1,300	6					
LFD	EF-3002	P-3000-227	20	3	7	850			7,700			8					
					9		850			7,700		10	3	60	P-3000-245	AHU-3005	LFD
					11			850			7,700	12					
					13	-			-			14					
LFD	SPARE		20	3	15		-			-		16	3	20		SPARE	LFD
					17			-			-	18					
LFD	SPARE		20	3	19	-			-			20					
					21		-			-		22	3	20		SPARE	LFD
					23			-			-	24					
LFD	SPARE		20	3	25	-			-			26					
					27		-			-		28	3	20		SPARE	LFD
					29			-			-	30					
LFD	SPARE		20	3	31	-			-			32					
					33		-			-		34	3	20		SPARE	LFD
					35			-			-	36					
	SPACE			3	37	-			-			38					
					39		-			-		40				SPACE	
					41			-			-	42					
					TOTAL	2,850	2,850	2,850	9,000	9,000	9,000	TOTAL					
						PHASE TOTAL			TOTAL LOAD (VA)								
						11,850	11,850	11,850	35,550								
									TOTAL LOAD (A)								
									43								

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE
ETU - ELECTRONIC TRIP UNIT

NOTES:
42kAIC
100kA SPD



NOTES:

1. UNLESS OTHERWISE SPECIFIED, FURNISH 2#12, #12GND IN 3/4"C FOR ALL LIGHTING AND RECEPTACLE CIRCUITS.
2. NSSC SERIES MANUAL MOTORS STARTING SWITCH WITHOUT OVERLOAD PROTECTION.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	N. NELSON
DRAWN BY:	N. NELSON
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

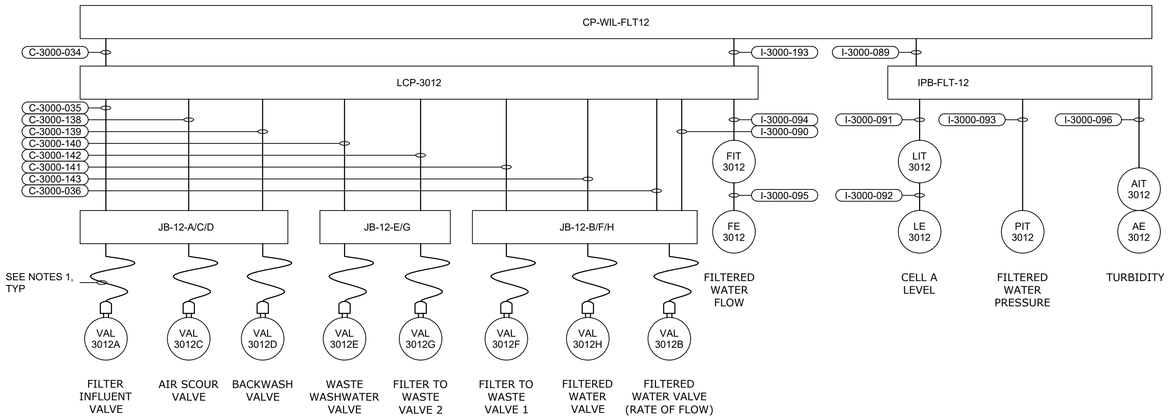
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

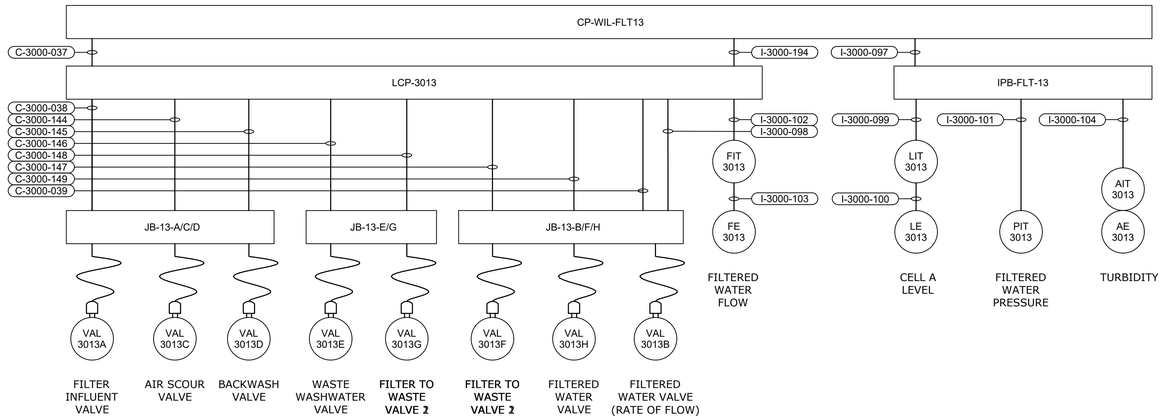
JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE No. 4

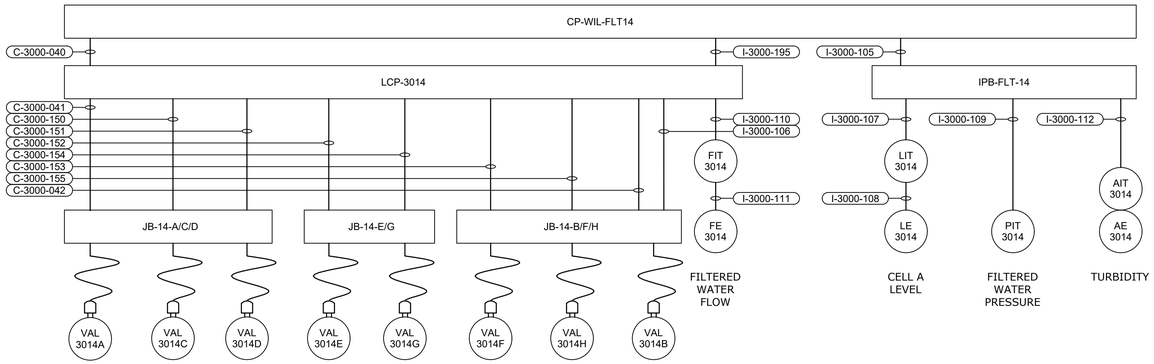
FILTER BUILDING
ELECTRICAL
PANEL SCHEDULES AND RISER DIAGRAMS IX

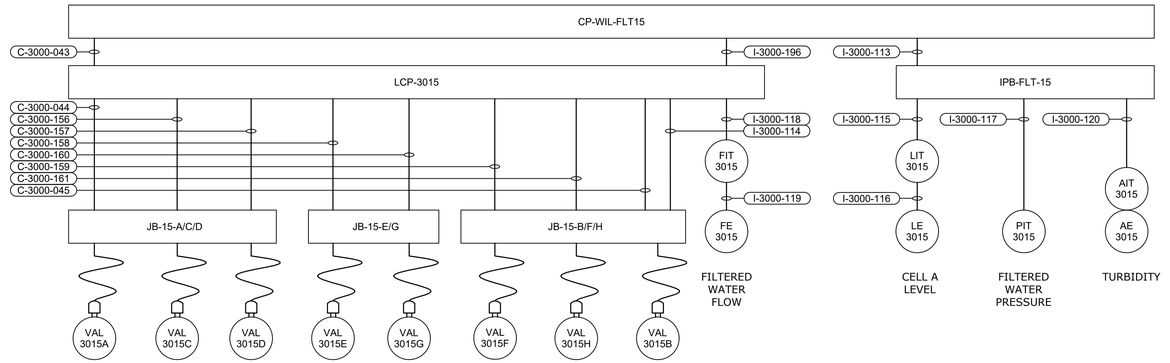
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	1 E3037A

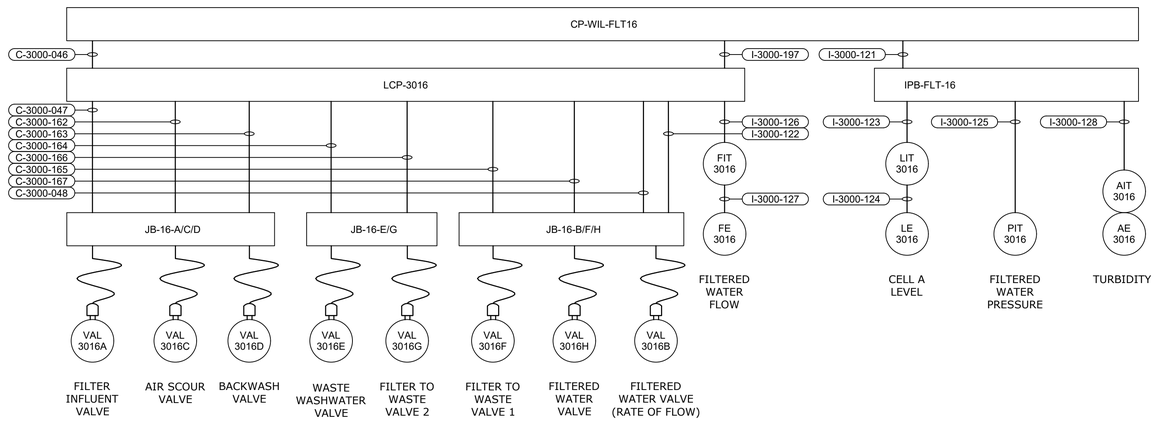
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PLOT DATE: 7/6/2026 1:33 PM BY: SREXHEPI











2

NOTES:

1. POWER AND CONTROLS WIRING SHALL TERMINATE IN SAME JUNCTION BOX. PIGTAIL CORDS FOR BOTH POWER AND CONTROLS FROM JUNCTION BOX TO ACTUATOR SHALL BE RAN IN SAME CONDUIT. SEE SHEET E3034 AND E3035 FOR CONNECTION DETAILS.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

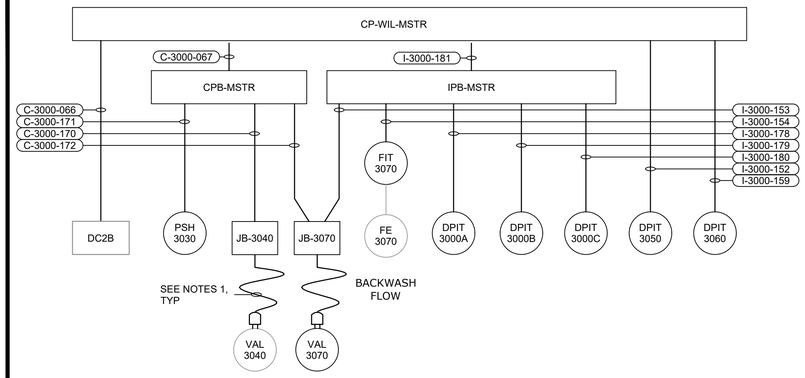
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

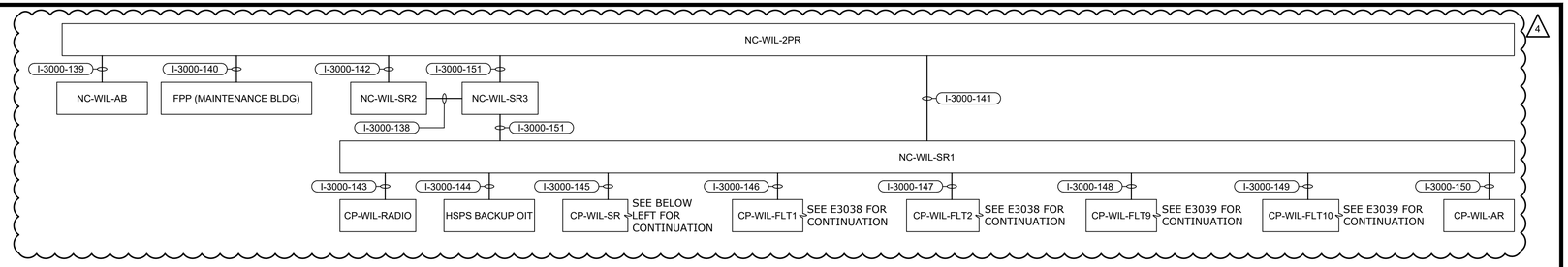
JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

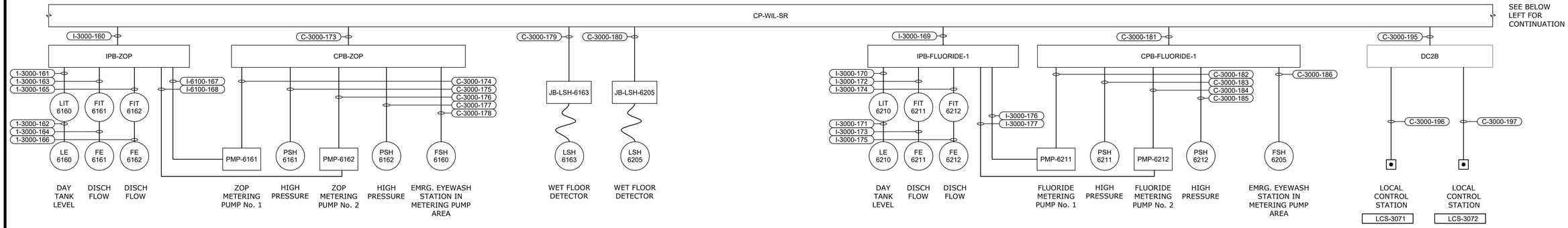
FILTER BUILDING
ELECTRICAL
CONTROL BLOCK DIAGRAM III

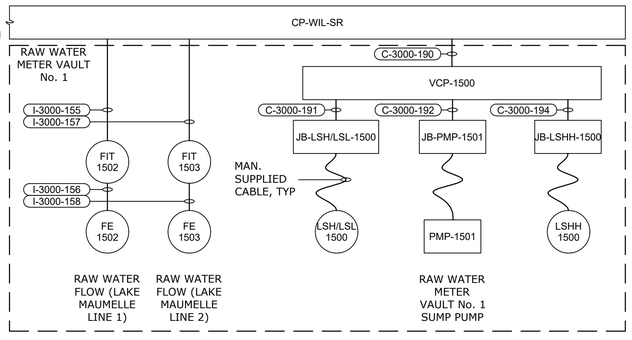
DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3040

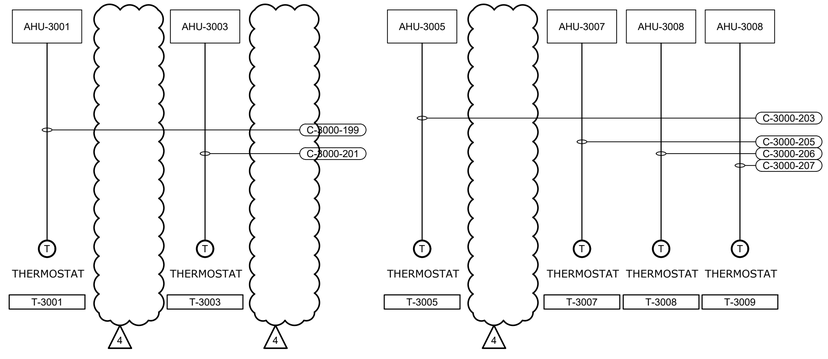
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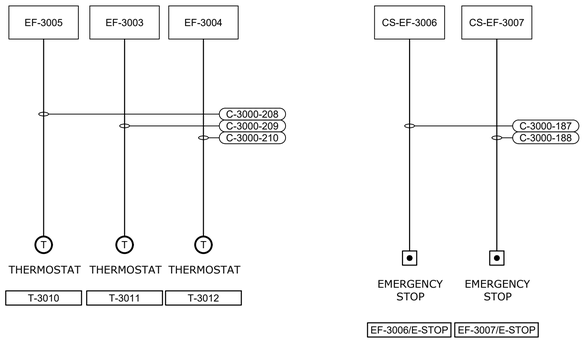












NOTES:

1. POWER AND CONTROLS WIRING SHALL TERMINATE IN SAME JUNCTION BOX. PIGTAIL CORDS FOR BOTH POWER AND CONTROLS FROM JUNCTION BOX TO ACTUATOR SHALL BE RAN IN SAME CONDUIT. SEE SHEET E3035 FOR CONNECTION DETAILS.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
4	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
3	CONFORMED DRAWINGS	03-13-25	BDB
2	ADDENDUM 6	02-04-25	BDB
1	ADDENDUM 2	01-08-24	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	N. NELSON
DRAWN BY:	N. NELSON
PROJECT ENGINEER:	B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

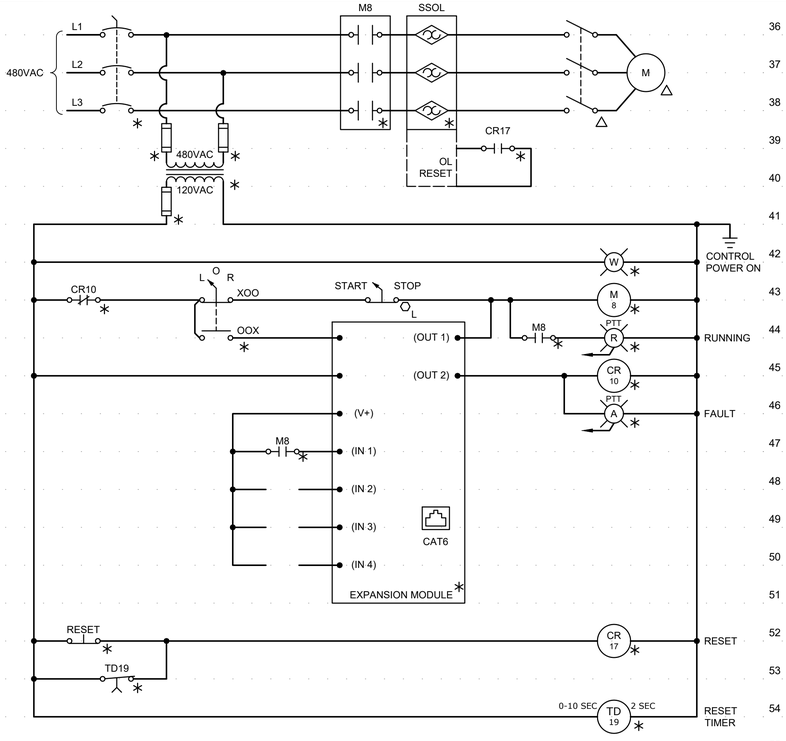
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
CONTROL BLOCK DIAGRAM IV

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3041

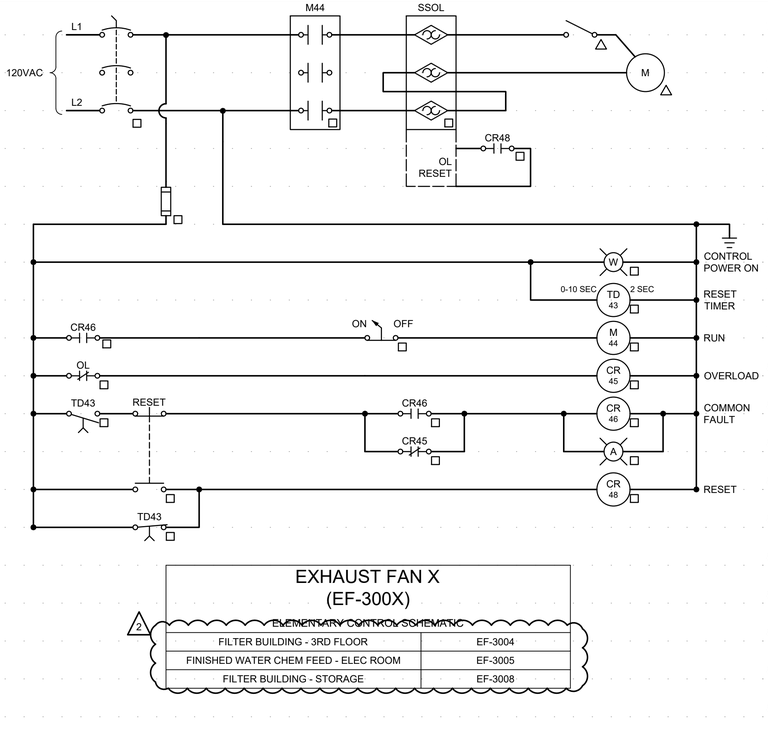
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PLOT DATE: 7/6/2026 1:35 PM BY: SREXHEPI



EAST/WEST COMBINED FILTER EFFLUENT SAMPLE PUMP

ELEMENTARY CONTROL SCHEMATIC

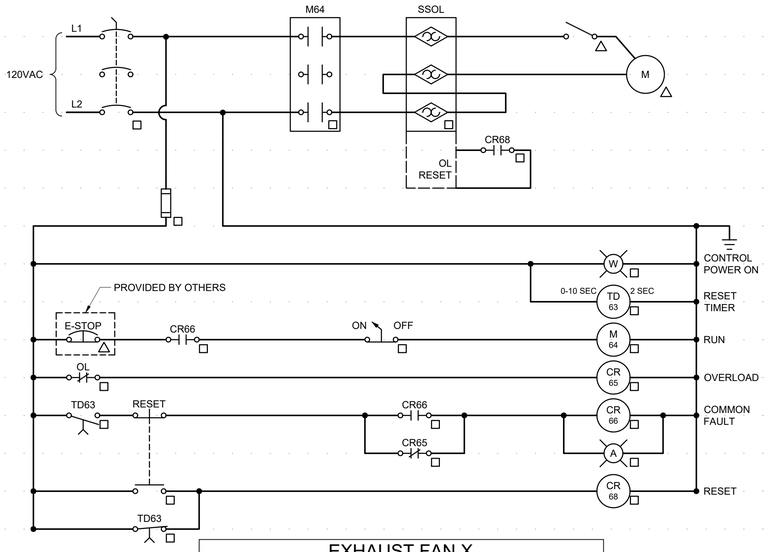
EAST SAMPLE PUMP (PMP-3071)	
WEST SAMPLE PUMP (PMP-3072)	



EXHAUST FAN X (EF-300X)

ELEMENTARY CONTROL SCHEMATIC

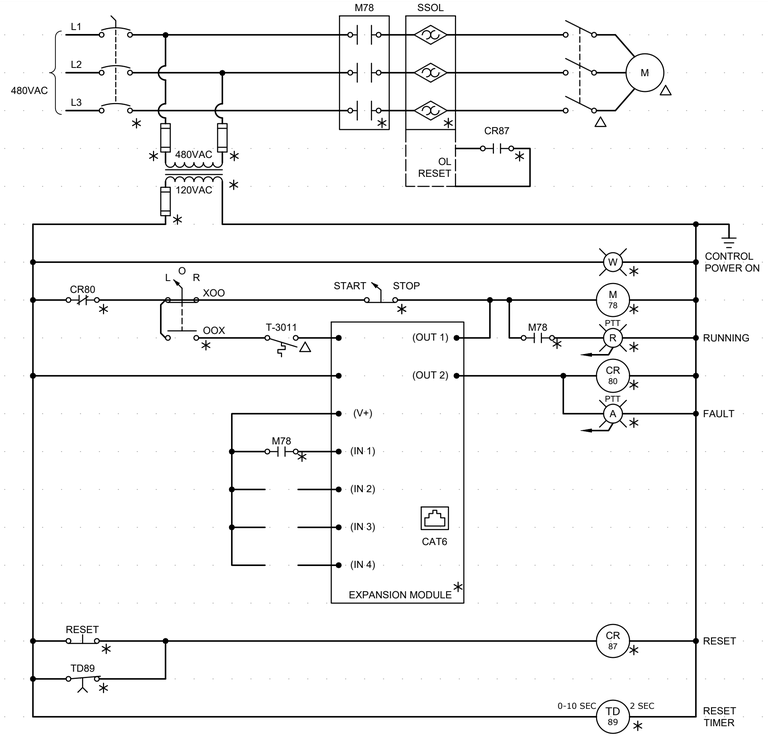
FILTER BUILDING - 3RD FLOOR	EF-3004
FINISHED WATER CHEM FEED - ELEC ROOM	EF-3005
FILTER BUILDING - STORAGE	EF-3008



EXHAUST FAN X (EF-300X)

ELEMENTARY CONTROL SCHEMATIC

FINISHED WATER CHEM FEED - HYPO	EF-3006
FINISHED WATER CHEM FEED - FLUORIDE	EF-3007



EXHAUST FAN X (EF-300X)

ELEMENTARY CONTROL SCHEMATIC

FILTER BUILDING - 2ND FLOOR	EF-3002
FILTER BUILDING - 3RD FLOOR	EF-3003

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. CHAVEZ
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
ELEMENTARY CONTROL SCHEMATICS

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E3042

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PLOT DATE: 7/6/2026 1:36 PM BY: SREXHEPI

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
P-3000-001	1-1/2"	DC2B	WASH WATER SUPPLY PUMP [PMP-3030]	3#2/0, #4GND	VIA DSW
P-3000-002			NOT USED		
P-3000-003	3/4"	LP-FB-9	GUH-3014	2#12, #12GND	
P-3000-004	3/4"	PANEL LF	GUH-3001	2#12, #12GND	
P-3000-005	3/4"	LP-FB-9	GUH-3010	2#12, #12GND	
P-3000-006	3/4"	PANEL LF	GUH-3002	2#12, #12GND	
P-3000-007	3/4"	LP-FB-9	GUH-3011	2#12, #12GND	
P-3000-008	3/4"	LP-FB-9	GUH-3012	2#12, #12GND	
P-3000-009	3/4"	PANEL LF	GUH-3003	2#12, #12GND	
P-3000-010	3/4"	LP-FB-9	GUH-3013	2#12, #12GND	
P-3000-011	3/4"	PANEL LF	GUH-3004	2#12, #12GND	
P-3000-012	1-1/2"	DC2B	PP-FB-2	3#1, #6GND	
P-3000-013	2"	DC2B	PP-FB-1	3#4/0, #4GND	
P-3000-014	3/4"	DC2B	PMP-3071	3#12, #12GND	VIA DSW
P-3000-015	3/4"	DC2B	PMP-3072	3#12, #12GND	VIA DSW
P-3000-016	1"	DC2B	T-LPFB9	3#4, #8GND	
P-3000-017	1-1/2"	T-LPFB9	LP-FB-9	4#1/0, #6GND	
P-3000-018	1-1/2"	DSW-UPS	UPS BYPASS SWITCH	4#1, #6GND	
P-3000-019	1-1/2"	LP-FB-10	LP-FB-11	4#1, #6GND	
P-3000-020	1"	DC3B	T-LPFB10	3#4, #8GND	
P-3000-021	1-1/2"	T-LPFB10	LP-FB-10	4#1/0, #6GND	
P-3000-022	1-1/2"	T-EP/LF	PANEL LF	4#1/0, #6GND	
P-3000-023	1-1/2"	DC3B	DSW-UPS	4#1, #6GND	
P-3000-024	1-1/2"	UPS	PANEL WIL UPS	4#1, #6GND	
P-3000-025	3/4"	PANEL LF	GUH-3005	2#12, #12GND	
P-3000-026	3/4"	PANEL LF	GUH-3006	2#12, #12GND	
P-3000-027	3/4"	PANEL LF	GUH-3007	2#12, #12GND	
P-3000-028	3/4"	LP-FB-11	FINISHED WATER CHEMICAL FEED OH DOOR	2#12, #12GND	
P-3000-029	3/4"	LP-FB-9	HURRICANE SHUTTERS BREAK RM AND CONTROL RM	2#12, #12GND	
P-3000-030	3/4"	CP-WIL-FLT1	JB-3001-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3001
P-3000-031	3/4"	CP-WIL-FLT1	JB-3001-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3001
P-3000-032	3/4"	CP-WIL-FLT1	JB-3001-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3001
P-3000-033	1-1/2"	JB-3001-A/C/D	VAL-3001A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-034	1-1/2"	JB-3001-A/C/D	VAL-3001C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-035	1-1/2"	JB-3001-A/C/D	VAL-3001D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-036	1-1/2"	JB-3001-E/G	VAL-3001E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-037	1-1/2"	JB-3001-E/G	VAL-3001G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-038	3/4"	LP-FB-11	LCP-3001	2#10, #10GND	
P-3000-039	3/4"	CP-WIL-FLT1	FIT-3001	2#12, #12GND	VIA PPB-FB-3001
P-3000-040	3/4"	CP-WIL-FLT1	AIT-3001	2#12, #12GND	VIA PPB-FB-3001
P-3000-041	3/4"	CP-WIL-FLT3	JB-3003-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3003
P-3000-042	3/4"	CP-WIL-FLT3	JB-3003-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3003
P-3000-043	3/4"	CP-WIL-FLT3	JB-3003-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3003
P-3000-044	1-1/2"	JB-3003-A/C/D	VAL-3003A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-045	1-1/2"	JB-3003-A/C/D	VAL-3003C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-046	1-1/2"	JB-3003-A/C/D	VAL-3003D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-047	1-1/2"	JB-3003-E/G	VAL-3003E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-048	1-1/2"	JB-3003-E/G	VAL-3003G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-049	3/4"	LP-FB-11	LCP-3003	2#10, #10GND	
P-3000-050	3/4"	CP-WIL-FLT3	FIT-3003	2#12, #12GND	VIA PPB-FB-3003
P-3000-051	3/4"	CP-WIL-FLT3	AIT-3003	2#12, #12GND	VIA PPB-FB-3003
P-3000-052	3/4"	CP-WIL-FLT5	JB-3005-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3005
P-3000-053	3/4"	CP-WIL-FLT5	JB-3005-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3005
P-3000-054	3/4"	CP-WIL-FLT5	JB-3005-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3005
P-3000-055	1-1/2"	JB-3005-A/C/D	VAL-3005A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-056	1-1/2"	JB-3005-A/C/D	VAL-3005C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-057	1-1/2"	JB-3005-A/C/D	VAL-3005D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-058	1-1/2"	JB-3005-E/G	VAL-3005E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-059	1-1/2"	JB-3005-E/G	VAL-3005G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-060	3/4"	LP-FB-11	LCP-3005	2#10, #10GND	
P-3000-061	3/4"	CP-WIL-FLT5	FIT-3005	2#12, #12GND	VIA PPB-FB-3005
P-3000-062	3/4"	CP-WIL-FLT5	AIT-3005	2#12, #12GND	VIA PPB-FB-3005
P-3000-063	3/4"	CP-WIL-FLT7	JB-3007-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3007
P-3000-064	3/4"	CP-WIL-FLT7	JB-3007-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3007
P-3000-065	3/4"	CP-WIL-FLT7	JB-3007-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3007
P-3000-066	1-1/2"	JB-3007-A/C/D	VAL-3007A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-067	1-1/2"	JB-3007-A/C/D	VAL-3007C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-068	1-1/2"	JB-3007-A/C/D	VAL-3007D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-069	1-1/2"	JB-3007-E/G	VAL-3007E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-070	1-1/2"	JB-3007-E/G	VAL-3007G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-071	3/4"	LP-FB-11	LCP-3007	2#10, #10GND	
P-3000-072	3/4"	CP-WIL-FLT7	FIT-3007	2#12, #12GND	VIA PPB-FB-3007
P-3000-073	3/4"	CP-WIL-FLT7	AIT-3007	2#12, #12GND	VIA PPB-FB-3007
P-3000-074	3/4"	CP-WIL-FLT2	JB-3002-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3002
P-3000-075	3/4"	CP-WIL-FLT2	JB-3002-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3002
P-3000-076	3/4"	CP-WIL-FLT2	JB-3002-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3002
P-3000-077	1-1/2"	JB-3002-A/C/D	VAL-3002A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-078	1-1/2"	JB-3002-A/C/D	VAL-3002C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-079	1-1/2"	JB-3002-A/C/D	VAL-3002D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-080	1-1/2"	JB-3002-E/G	VAL-3002E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-081	1-1/2"	JB-3002-E/G	VAL-3002G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-082	3/4"	LP-FB-11	LCP-3002	2#10, #10GND	
P-3000-083	3/4"	CP-WIL-FLT2	FIT-3002	2#12, #12GND	VIA PPB-FB-3002
P-3000-084	3/4"	CP-WIL-FLT2	AIT-3002	2#12, #12GND	VIA PPB-FB-3002
P-3000-085	3/4"	CP-WIL-FLT4	JB-3004-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3004
P-3000-086	3/4"	CP-WIL-FLT4	JB-3004-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3004
P-3000-087	3/4"	CP-WIL-FLT4	JB-3004-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3004
P-3000-088	1-1/2"	JB-3004-A/C/D	VAL-3004A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-089	1-1/2"	JB-3004-A/C/D	VAL-3004C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-090	1-1/2"	JB-3004-A/C/D	VAL-3004D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-091	1-1/2"	JB-3004-E/G	VAL-3004E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-092	1-1/2"	JB-3004-E/G	VAL-3004G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-093	3/4"	LP-FB-11	LCP-3004	2#10, #10GND	
P-3000-094	3/4"	CP-WIL-FLT4	FIT-3004	2#12, #12GND	VIA PPB-FB-3004
P-3000-095	3/4"	CP-WIL-FLT4	AIT-3004	2#12, #12GND	VIA PPB-FB-3004
P-3000-096	3/4"	CP-WIL-FLT6	JB-3006-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3006
P-3000-097	3/4"	CP-WIL-FLT6	JB-3006-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3006
P-3000-098	3/4"	CP-WIL-FLT6	JB-3006-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3006
P-3000-099	1-1/2"	JB-3006-A/C/D	VAL-3006A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-100	1-1/2"	JB-3006-A/C/D	VAL-3006C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-101	1-1/2"	JB-3006-A/C/D	VAL-3006D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-102	1-1/2"	JB-3006-E/G	VAL-3006E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-103	1-1/2"	JB-3006-E/G	VAL-3006G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-104	3/4"	LP-FB-11	LCP-3006	2#10, #10GND	
P-3000-105	3/4"	CP-WIL-FLT6	FIT-3006	2#12, #12GND	VIA PPB-FB-3006
P-3000-106	3/4"	CP-WIL-FLT6	AIT-3006	2#12, #12GND	VIA PPB-FB-3006
P-3000-107	3/4"	CP-WIL-FLT8	JB-3008-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3008
P-3000-108	3/4"	CP-WIL-FLT8	JB-3008-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3008
P-3000-109	3/4"	CP-WIL-FLT8	JB-3008-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3008
P-3000-110	1-1/2"	JB-3008-A/C/D	VAL-3008A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-111	1-1/2"	JB-3008-A/C/D	VAL-3008C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-112	1-1/2"	JB-3008-A/C/D	VAL-3008D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-113	1-1/2"	JB-3008-E/G	VAL-3008E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-114	1-1/2"	JB-3008-E/G	VAL-3008G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-115	3/4"	LP-FB-11	LCP-3008	2#10, #10GND	
P-3000-116	3/4"	CP-WIL-FLT8	FIT-3008	2#12, #12GND	VIA PPB-FB-3008
P-3000-117	3/4"	CP-WIL-FLT8	AIT-3008	2#12, #12GND	VIA PPB-FB-3008
P-3000-118	3/4"	CP-WIL-FLT9	JB-3009-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3009
P-3000-119	3/4"	CP-WIL-FLT9	JB-3009-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3009
P-3000-120	3/4"	CP-WIL-FLT9	JB-3009-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3009
P-3000-121	1-1/2"	JB-3009-A/C/D	VAL-3009A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-122	1-1/2"	JB-3009-A/C/D	VAL-3009C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-123	1-1/2"	JB-3009-A/C/D	VAL-3009D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-124	1-1/2"	JB-3009-E/G	VAL-3009E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-125	1-1/2"	JB-3009-E/G	VAL-3009G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-126	3/4"	LP-FB-11	LCP-3009	2#10, #10GND	
P-3000-127	3/4"	CP-WIL-FLT9	FIT-3009	2#12, #12GND	VIA PPB-FB-3009
P-3000-128	3/4"	CP-WIL-FLT9	AIT-3009	2#12, #12GND	VIA PPB-FB-3009
P-3000-129	3/4"	CP-WIL-FLT11	JB-3011-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3011
P-3000-130	3/4"	CP-WIL-FLT11	JB-3011-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3011
P-3000-131	3/4"	CP-WIL-FLT11	JB-3011-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3011
P-3000-132	1-1/2"	JB-3011-A/C/D	VAL-3011A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-133	1-1/2"	JB-3011-A/C/D	VAL-3011C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-134	1-1/2"	JB-3011-A/C/D	VAL-3011D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-135	1-1/2"	JB-3011-E/G	VAL-3011E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-136	1-1/2"	JB-3011-E/G	VAL-3011G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-137	3/4"	LP-FB-11	LCP-3011	2#10, #10GND	
P-3000-138	3/4"	CP-WIL-FLT11	FIT-3011	2#12, #12GND	VIA PPB-FB-3011
P-3000-139	3/4"	CP-WIL-FLT11	AIT-3011	2#12, #12GND	VIA PPB-FB-3011
P-3000-140	3/4"	CP-WIL-FLT13	JB-3013-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3013
P-3000-141	3/4"	CP-WIL-FLT13	JB-3013-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3013
P-3000-142	3/4"	CP-WIL-FLT13	JB-3013-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3013
P-3000-143	1-1/2"	JB-3013-A/C/D	VAL-3013A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-144	1-1/2"	JB-3013-A/C/D	VAL-3013C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-145	1-1/2"	JB-3013-A/C/D	VAL-3013D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-146	1-1/2"	JB-3013-E/G	VAL-3013E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-147	1-1/2"	JB-3013-E/G	VAL-3013G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-148	3/4"	LP-FB-11	LCP-3013	2#10, #10GND	
P-3000-149	3/4"	CP-WIL-FLT13	FIT-3013	2#12, #12GND	VIA PPB-FB-3013
P-3000-150	3/4"	CP-WIL-FLT13	AIT-3013	2#12, #12GND	VIA PPB-FB-3013
P-3000-151	3/4"	CP-WIL-FLT15	JB-3015-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3015
P-3000-152	3/4"	CP-WIL-FLT15	JB-3015-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3015
P-3000-153	3/4"	CP-WIL-FLT15	JB-3015-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3015
P-3000-154	1-1/2"	JB-3015-A/C/D	VAL-3015A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-155	1-1/2"	JB-3015-A/C/D	VAL-3015C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-156	1-1/2"	JB-3015-A/C/D	VAL-3015D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-157	1-1/2"	JB-3015-E/G	VAL-3015E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-158	1-1/2"	JB-3015-E/G	VAL-3015G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-159	3/4"	LP-FB-11	LCP-3015	2#10, #10GND	
P-3000-160	3/4"	CP-WIL-FLT15	FIT-3015	2#12, #12GND	VIA PPB-FB-3015
P-3000-161	3/4"	CP-WIL-FLT15	AIT-3015	2#12, #12GND	VIA PPB-FB-3015
P-3000-162	3/4"	CP-WIL-FLT10	JB-3010-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3010
P-3000-163	3/4"	CP-WIL-FLT10	JB-3010-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3010
P-3000-164	3/4"	CP-WIL-FLT10	JB-3010-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3010
P-3000-165	1-1/2"	JB-3010-A/C/D	VAL-3010A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-166	1-1/2"	JB-3010-A/C/D	VAL-3010C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-167	1-1/2"	JB-3010-A/C/D	VAL-3010D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-168	1-1/2"	JB-3010-E/G	VAL-3010E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-169	1-1/2"	JB-3010-E/G	VAL-3010G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-170	3/4"	LP-FB-11	LCP-3010	2#10, #10GND	
P-3000-171	3/4"	CP-WIL-FLT10	FIT-3010	2#12, #12GND	VIA PPB-FB-3010
P-3000-172	3/4"	CP-WIL-FLT10	AIT-3010	2#12, #12GND	VIA PPB-FB-3010

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REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
4	FO-016	12-30-25	BDB
3	CONFORMED DRAWINGS	03-13-25	BDB
2	ADDENDUM 6	02-04-24	BDB
1	ADDENDUM 2	01-08-24	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

CONFORMED DRAWINGS

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
CONDUIT AND WIRE SCHEDULE I

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E3043

File: C:_DC\ACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E3043 Saved by SREXHEPI Save date: 6/19/2026 9:09 AM
PLOT DATE: 7/6/2026 1:39 PM BY: SREXHEPI

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
P-3000-173	3/4"	CP-WIL-FLT12	JB-3012-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3012
P-3000-174	3/4"	CP-WIL-FLT12	JB-3012-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3012
P-3000-175	3/4"	CP-WIL-FLT12	JB-3012-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3012
P-3000-176	1-1/2"	JB-3012-A/C/D	VAL-3012A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-177	1-1/2"	JB-3012-A/C/D	VAL-3012C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-178	1-1/2"	JB-3012-A/C/D	VAL-3012D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-179	1-1/2"	JB-3012-E/G	VAL-3012E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-180	1-1/2"	JB-3012-E/G	VAL-3012G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-181	3/4"	LP-FB-11	LCP-3012	2#10, #10GND	
P-3000-182	3/4"	CP-WIL-FLT12	FIT-3012	2#12, #12GND	VIA PPB-FB-3012
P-3000-183	3/4"	CP-WIL-FLT12	AIT-3012	2#12, #12GND	VIA PPB-FB-3012
P-3000-184	3/4"	CP-WIL-FLT14	JB-3014-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3014
P-3000-185	3/4"	CP-WIL-FLT14	JB-3014-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3014
P-3000-186	3/4"	CP-WIL-FLT14	JB-3014-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3014
P-3000-187	1-1/2"	JB-3014-A/C/D	VAL-3014A	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-188	1-1/2"	JB-3014-A/C/D	VAL-3014C	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-189	1-1/2"	JB-3014-A/C/D	VAL-3014D	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-190	1-1/2"	JB-3014-E/G	VAL-3014E	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-191	1-1/2"	JB-3014-E/G	VAL-3014G	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-192	3/4"	LP-FB-11	LCP-3014	2#10, #10GND	
P-3000-193	3/4"	CP-WIL-FLT14	FIT-3014	2#12, #12GND	VIA PPB-FB-3014
P-3000-194	3/4"	CP-WIL-FLT14	AIT-3014	2#12, #12GND	VIA PPB-FB-3014
P-3000-195	1"	LP-FB-11	HTCP-3000-1	2#10, #10GND	
P-3000-196	3/4"	HTCP-3000-1	TEPIC WATER HEATER 1-1/2" - CIRCUIT 1	2#10, #10GND	
P-3000-197	3/4"	TEPIC WATER HEATER 1-1/2" - CIRCUIT 1	FLUORIDE - CIRCUIT 2	2#10, #10GND	
P-3000-198	3/4"	FLUORIDE - CIRCUIT 2	ZOP - CIRCUIT 3	2#10, #10GND	
P-3000-199	3/4"	CP-WIL-FLT1	JB-3040	2#12, #12GND	
P-3000-200	3/4"	CP-WIL-FLT1	JB-3070	2#12, #12GND	
P-3000-201	3/4"	CP-WIL-FLT16	JB-3016-A/C/D	3(2#12, #12GND)	VIA PPB-FB-VAL-3016
P-3000-202	3/4"	CP-WIL-FLT16	JB-3016-E/G	2(2#12, #12GND)	VIA PPB-FB-VAL-3016
P-3000-203	3/4"	CP-WIL-FLT16	JB-3016-B/F/H	3(2#12, #12GND)	VIA PPB-FB-VAL-3016
P-3000-204	3/4"	JB-3070	VAL-3070	(2) PIGTAIL CORDSET	POWER AND CONTROLS
P-3000-205	3/4"	JB-3040	VAL-3040	(2) PIGTAIL CORDSET	POWER AND CONTROLS
P-3000-206	1-1/2"	JB-3016-A/C/D	VAL-3016A	(2) PIGTAIL CORDSET	POWER AND CONTROLS
P-3000-207	1-1/2"	JB-3016-A/C/D	VAL-3016C	(2) PIGTAIL CORDSET	POWER AND CONTROLS
P-3000-208	1-1/2"	JB-3016-A/C/D	VAL-3016D	(2) PIGTAIL CORDSET	POWER AND CONTROLS
P-3000-209	3/4"	LP-FB-11	LCP-3016	2#10, #10GND	
P-3000-210	3/4"	CP-WIL-FLT16	FIT-3016	2#12, #12GND	VIA PPB-FB-3016
P-3000-211	3/4"	CP-WIL-FLT16	AIT-3016	2#12, #12GND	VIA PPB-FB-3016
P-3000-212	3/4"	LP-FB-9	CS-EF-3008	2#12, #12GND	
P-3000-213	3/4"	CS-EF-3008	EF-3008	2#12, #12GND	
P-3000-214	1"	DC3B	T-UPS	3#4, #8GND	
P-3000-215	1-1/2"	T-UPS	DSW-UPS	4#1, #6GND	
P-3000-216	1-1/2"	UPS BYPASS SWITCH	UPS	4#1, #6GND	
P-3000-217	1"	UPS BYPASS SWITCH	SPD	SIZE AND QTY PER MAN.	
P-3000-218	1"	BATTERY CABINETS	UPS	SIZE AND QTY PER MAN.	
P-3000-219	-			NOT USED	
P-3000-220	-			NOT USED	
P-3000-221	3/4"	LP-FB-9	EUH-3004	2#12, #12GND	
P-3000-222	3/4"	LP-FB-9	EUH-3002	2#12, #12GND	
P-3000-223	3/4"	LP-FB-9	EUH-3003	3#12, #12GND	VIA DSW
P-3000-224	1-1/2"	JB-3016-E/G	VAL-3016E	(2) PIGTAIL CORDSET	POWER AND CONTROLS
P-3000-225	1-1/2"	JB-3016-E/G	VAL-3016G	(2) PIGTAIL CORDSET	POWER AND CONTROLS
P-3000-226	-			NOT USED	
P-3000-227	3/4"	PP-FB-1	CS-EF-3002	3#12, #12GND	
P-3000-228	3/4"	PP-FB-1	CS-EF-3003	3#12, #12GND	
P-3000-229	3/4"	LP-FB-11	CS-EF-3006	2#12, #12GND	
P-3000-230	3/4"	LP-FB-11	CS-EF-3007	2#12, #12GND	
P-3000-231	-			NOT USED	
P-3000-232	3/4"	PANEL LF	AHU-3006	2#12, #12GND	
P-3000-233	3/4"	CS-EF-3002	EF-3002	3#12, #12GND	
P-3000-234	3/4"	CS-EF-3004	EF-3004	2#12, #12GND	
P-3000-235	3/4"	CS-EF-3005	EF-3005	2#12, #12GND	
P-3000-236	3/4"	CS-EF-3006	EF-3006	2#12, #12GND	
P-3000-237	3/4"	CS-EF-3007	EF-3007	2#12, #12GND	
P-3000-238	-			NOT USED	
P-3000-239	-			NOT USED	
P-3000-240	3/4"	LP-FB-11	FSH-BASEMENT GALLERY EYEWASH	2#12, #12GND	
P-3000-241	3/4"	LP-FB-11	FSH-LOADING DOCK AREA EYEWASH	2#12, #12GND	
P-3000-242	3/4"	LP-FB-9	RCP-3001	2#12, #12GND	
P-3000-243	3/4"	LP-FB-9	DP-3001	2#12, #12GND	
P-3000-244	3/4"	LP-FB-9	ACC-3003	2#10, #10GND	VIA DSW
P-3000-245	1"	PP-FB-1	AHU-3005	3#4, #8GND	VIA DSW
P-3000-246	3/4"	ACC-3003	AHU-3005	2#12, #12GND	
P-3000-247					
P-3000-248					
P-3000-249	3/4"	LP-FB-11	PMP-6161	2#12, #12GND	
P-3000-250	3/4"	LP-FB-11	PMP-6162	2#12, #12GND	
P-3000-251	3/4"	LP-FB-11	PMP-6211	2#12, #12GND	
P-3000-252	3/4"	LP-FB-11	PMP-6212	2#12, #12GND	
P-3000-253	3/4"	PP-FB-2	WH-3002	3#12, #12GND	
P-3000-254	3/4"	PP-FB-2	EUH-3001	3#12, #12GND	VIA DSW
P-3000-255	3/4"	PP-FB-2	EUH-3101	3#12, #12GND	
P-3000-256	3/4"	PP-FB-2	EUH-3102	3#12, #12GND	VIA DSW
P-3000-257	3/4"	PP-FB-2	EUH-3103	3#12, #12GND	VIA DSW
P-3000-258	3/4"	PP-FB-1	WH-3001	3#12, #12GND	
P-3000-259	3/4"	LP-FB-10	ACC-3001	2#8, #8GND	VIA DSW
P-3000-260	-			NOT USED	
P-3000-261	3/4"	LP-FB-10	AHU-3001	2#12, #12GND	
P-3000-262	-			NOT USED	
P-3000-263					
P-3000-264	3/4"	LP-FB-9	CS-EF-3004	2#12, #12GND	
P-3000-265	3/4"	LP-FB-11	CS-EF-3005	2#12, #12GND	
P-3000-266	3/4"	LP-FB-10	CHAIR LIFT	2#12, #12GND	
P-3000-267	3/4"	LP-FB-11	FSH-6205	2#12, #12GND	
P-3000-268	3/4"	LP-FB-11	FSH-6160	2#12, #12GND	
P-3000-269	3/4"	LP-FB-11	LIT-6160	2#12, #12GND	
P-3000-270	3/4"	CP-WIL-FLT1	AIT-3000	2#12, #12GND	
P-3000-271	3/4"	LP-FB-11	FIT/FE-6161	2#12, #12GND	
P-3000-272	3/4"	LP-FB-11	FIT/FE-6162	2#12, #12GND	
P-3000-273	3/4"	LP-FB-11	LIT-6210	2#12, #12GND	
P-3000-274	3/4"	CP-WIL-FLT8	FSP-8A	2#12, #12GND	
P-3000-275	3/4"	CP-WIL-FLT1	FSP-1A	2#12, #12GND	
P-3000-276	-			NOT USED	
P-3000-277	3/4"	PANEL LF	GUH-3008	2#12, #12GND	
P-3000-278	3/4"	PANEL LF	GUH-3009	2#12, #12GND	
P-3000-279					
P-3000-280					
P-3000-281					
P-3000-282	3/4"	PANEL LF	ACC-3008	2#10, #10GND	VIA DSW
P-3000-283	3/4"	PANEL LF	RF-3001	2#12, #12GND	
P-3000-284	3/4"	PANEL LF	RF-3002	2#12, #12GND	
P-3000-285	3/4"	PANEL LF	RF-3003	2#12, #12GND	
P-3000-286	1-1/2"	DC2B	MCC-FLOC-4	3#1/0, #1GND	TEMPORARY CIRCUIT
P-3000-287	1-1/2"	DC3B	MCC-FLOC-3	3#1/0, #1GND	TEMPORARY CIRCUIT
P-3000-288	-			NOT USED	
P-3000-289	3/4"	LP-FB-10	RCP-3001	2#12, #12GND	
P-3000-290	3/4"	HTCP-3000-1	TEPIC WATER HEATER 1" - CIRCUIT 4	2#10, #10GND	
P-3000-291	3/4"	TEPIC WATER HEATER 1" - CIRCUIT 4	FLUORIDE - CIRCUIT 5	2#10, #10GND	
P-3000-292	3/4"	FLUORIDE - CIRCUIT 5	ZOP - CIRCUIT 6	2#10, #10GND	
P-3000-293	3/4"	CP-WIL-FLT9	FSP-9A	2#12, #12GND	
P-3000-294	3/4"	CP-WIL-FLT16	FSP-16A	2#12, #12GND	
P-3000-295	1-1/2"	JB-3001-B/F/H	VAL-3001B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-296	1-1/2"	JB-3001-B/F/H	VAL-3001F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-297	1-1/2"	JB-3001-B/F/H	VAL-3001H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-298	1-1/2"	JB-3003-B/F/H	VAL-3003B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-299	1-1/2"	JB-3003-B/F/H	VAL-3003F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-300	1-1/2"	JB-3003-B/F/H	VAL-3003H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-301	1-1/2"	JB-3005-B/F/H	VAL-3005B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-302	1-1/2"	JB-3005-B/F/H	VAL-3005F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-303	1-1/2"	JB-3005-B/F/H	VAL-3005H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-304	1-1/2"	JB-3007-B/F/H	VAL-3007B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-305	1-1/2"	JB-3007-B/F/H	VAL-3007F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-306	1-1/2"	JB-3007-B/F/H	VAL-3007H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-307	1-1/2"	JB-3002-B/F/H	VAL-3002B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-308	1-1/2"	JB-3002-B/F/H	VAL-3002F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-309	1-1/2"	JB-3002-B/F/H	VAL-3002H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-310	1-1/2"	JB-3004-B/F/H	VAL-3004B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-311	1-1/2"	JB-3004-B/F/H	VAL-3004F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-312	1-1/2"	JB-3004-B/F/H	VAL-3004H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-313	1-1/2"	JB-3006-B/F/H	VAL-3006B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-314	1-1/2"	JB-3006-B/F/H	VAL-3006F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-315	1-1/2"	JB-3006-B/F/H	VAL-3006H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-316	1-1/2"	JB-3008-B/F/H	VAL-3008B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-317	1-1/2"	JB-3008-B/F/H	VAL-3008F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-318	1-1/2"	JB-3008-B/F/H	VAL-3008H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-319	1-1/2"	JB-3009-B/F/H	VAL-3009B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-320	1-1/2"	JB-3009-B/F/H	VAL-3009F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-321	1-1/2"	JB-3009-B/F/H	VAL-3009H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-322	1-1/2"	JB-3011-B/F/H	VAL-3011B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-323	1-1/2"	JB-3011-B/F/H	VAL-3011F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-324	1-1/2"	JB-3011-B/F/H	VAL-3011H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-325	1-1/2"	JB-3013-B/F/H	VAL-3013B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-326	1-1/2"	JB-3013-B/F/H	VAL-3013F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-327	1-1/2"	JB-3013-B/F/H	VAL-3013H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-328	1-1/2"	JB-3015-B/F/H	VAL-3016B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-329	1-1/2"	JB-3015-B/F/H	VAL-3016F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-330	1-1/2"	JB-3015-B/F/H	VAL-3016H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-331	1-1/2"	JB-3010-B/F/H	VAL-3010B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-332	1-1/2"	JB-3010-B/F/H	VAL-3010F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-333	1-1/2"	JB-3010-B/F/H	VAL-3010H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-334	1-1/2"	JB-3012-B/F/H	VAL-3012B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-335	1-1/2"	JB-3012-B/F/H	VAL-3012F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-336	1-1/2"	JB-3012-B/F/H	VAL-3012H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-337	1-1/2"	JB-3014-B/F/H	VAL-3014B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-338	1-1/2"	JB-3014-B/F/H	VAL-3014F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-339	1-1/2"	JB-3014-B/F/H	VAL-3014H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-340	1-1/2"	JB-3016-B/F/H	VAL-3016B	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-341	1-1/2"	JB-3016-B/F/H	VAL-3016F	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-342	1-1/2"	JB-3016-B/F/H	VAL-3016H	(2) PIGTAIL CORDSET	POWER AND CONTROL
P-3000-343	3/4"	LP-FB-9	D-3007	2#12, #12GND	
P-3000-344	3/4"	LP-FB-11	D-3103	2#12, #12GND	
P-3000-345	3/4"	LP-FB-11	D-3104	2#12, #12GND	
P-3000-346	3/4"	LP-FB-11	T-3010	2#12, #12GND	
P-3000-347	3/4"	LP-FB-11	T-3011	2#12, #12GND	
P-3000-348	3/4"	LP-FB-11	T-3012	2#12, #12GND	
P-3000-349	3/4"	CS-EF-3003	EF-3003	3#12, #12GND	
P-3000-350	3/4"	DC2B	T-EP-LF	3#1, #6GND	

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
6	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
5	FO-016	04-30-26	BDB
4	CONFORMED DRAWINGS	03-13-25	BDB
3	ADDENDUM 6	02-04-25	BDB
2	ADDENDUM 2	01-08-24	BDB
1	ADDENDUM 1	12-17-24	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
CONDUIT AND WIRE SCHEDULE II

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E3044

File: C:_DOCACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E3044 Saved by SREXHEPI Save date: 7/6/2026 3:40 PM
PLOT DATE: 7/6/2026 3:41 PM BY: SREXHEPI

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
C-3000-173	1"	CP-WIL-SR	CPB-ZOP	32#14, #14GND	
C-3000-174	3/4"	CPB-ZOP	PMP-6161	10#14, #14GND	
C-3000-175	3/4"	CPB-ZOP	PSH-6161	4#14, #14GND	
C-3000-176	3/4"	CPB-ZOP	PMP-6162	10#14, #14GND	
C-3000-177	3/4"	CPB-ZOP	PSH-6162	4#14, #14GND	
C-3000-178	3/4"	CPB-ZOP	FSH-6160	4#14, #14GND	
C-3000-179	3/4"	CP-WIL-SR	JB-LSH-6163	4#14, #14GND	
C-3000-180	3/4"	CP-WIL-SR	JB-LSH-6205	4#14, #14GND	
C-3000-181	1"	CP-WIL-SR	CPB-FLUORIDE-1	32#14, #14GND	
C-3000-182	3/4"	CPB-FLUORIDE-1	PMP-6211	10#14, #14GND	
C-3000-183	3/4"	CPB-FLUORIDE-1	PSH-6211	4#14, #14GND	
C-3000-184	3/4"	CPB-FLUORIDE-1	PMP-6212	10#14, #14GND	
C-3000-185	3/4"	CPB-FLUORIDE-1	PSH-6212	4#14, #14GND	
C-3000-186	3/4"	CPB-FLUORIDE-1	FSH-6205	4#14, #14GND	
C-3000-187	3/4"	CS-EF-3006	EF-3006/E-STOP	4#14, #14GND	
C-3000-188	3/4"	CS-EF-3007	EF-3007/E-STOP	4#14, #14GND	
C-3000-189	1"	NC-WIL-SR	NC-WIL-SHCB	FO CABLE	VIA HH3, MH16
C-3000-190	1"	CP-WIL-SR	VCP-1500	8#14, #14GND	
C-3000-191	3/4"	VCP-1500	JB-LSH/LSL-1500	4#14, #14GND	
C-3000-192	3/4"	VCP-1500	JB-PMP-1501	4#14, #14GND	
C-3000-193	1"	NC-WIL-SR	MH16	EMPTY W/ PULLSTRING	
C-3000-194	3/4"	VCP-1500	JB-LSHH-1500	4#14, #14GND	
C-3000-195	3/4"	CP-WIL-SR	DC2B	6#14, #14GND	
C-3000-196	3/4"	DC2B	LCS-3071	4#14, #14GND	
C-3000-197	3/4"	DC2B	LCS-3072	4#14, #14GND	
C-3000-198	-			NOT USED	
C-3000-199	3/4"	AHU-3001	T-3001	4#14, #14GND	3
C-3000-200	-			NOT USED	
C-3000-201	3/4"	AHU-3002	T-3002	4#14, #14GND	3
C-3000-202					
C-3000-203	3/4"	AHU-3003	T-3003	4#14, #14GND	3
C-3000-204					
C-3000-205	3/4"	AHU-3007	T-3007	4#14, #14GND	
C-3000-206	3/4"	AHU-3008	T-3008	4#14, #14GND	
C-3000-207	3/4"	AHU-3008	T-3009	4#14, #14GND	
C-3000-208	3/4"	EF-3005	T-3010	4#14, #14GND	
C-3000-209	3/4"	EF-3003	T-3011	4#14, #14GND	
C-3000-210	3/4"	EF-3004	T-3012	4#14, #14GND	

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
I-3000-001	1-1/4"	CP-WIL-FLT1	IPB-FLT-1	3(2/C#16TSH, #14GND)	
I-3000-002	1"	LCP-3001	JB-1-B/F/H	2/C#16TSH, #14GND	
I-3000-003	3/4"	IPB-FLT-1	LIT-3001	2/C#16TSH, #14GND	
I-3000-004	3/4"	LIT-3001	LE-3001	MAN. SUPPLIED CABLE	
I-3000-005	3/4"	IPB-FLT-1	PIT-3001	2/C#16TSH, #14GND	
I-3000-006	3/4"	LCP-3001	FIT-3001	2/C#16TSH, #14GND	
I-3000-007	3/4"	FIT-3001	FE-3001	MAN. SUPPLIED CABLE	
I-3000-008	3/4"	IPB-FLT-1	AIT/AE-3001	2/C#16TSH, #14GND	
I-3000-009	1-1/4"	CP-WIL-FLT2	IPB-FLT-2	3(2/C#16TSH, #14GND)	
I-3000-010	1"	LCP-3002	JB-2-B/F/H	2/C#16TSH, #14GND	
I-3000-011	3/4"	IPB-FLT-2	LIT-3002	2/C#16TSH, #14GND	
I-3000-012	3/4"	LIT-3002	LE-3002	MAN. SUPPLIED CABLE	
I-3000-013	3/4"	IPB-FLT-2	PIT-3002	2/C#16TSH, #14GND	
I-3000-014	3/4"	LCP-3002	FIT-3002	2/C#16TSH, #14GND	
I-3000-015	3/4"	FIT-3002	FE-3002	MAN. SUPPLIED CABLE	
I-3000-016	3/4"	IPB-FLT-2	AIT/AE-3002	2/C#16TSH, #14GND	
I-3000-017	1-1/4"	CP-WIL-FLT3	IPB-FLT-3	3(2/C#16TSH, #14GND)	
I-3000-018	1"	LCP-3003	JB-3-B/F/H	2/C#16TSH, #14GND	
I-3000-019	3/4"	IPB-FLT-3	LIT-3003	2/C#16TSH, #14GND	
I-3000-020	3/4"	LIT-3003	LE-3003	MAN. SUPPLIED CABLE	
I-3000-021	3/4"	IPB-FLT-3	PIT-3003	2/C#16TSH, #14GND	
I-3000-022	3/4"	LCP-3003	FIT-3003	2/C#16TSH, #14GND	
I-3000-023	3/4"	FIT-3003	FE-3003	MAN. SUPPLIED CABLE	
I-3000-024	3/4"	IPB-FLT-3	AIT/AE-3003	2/C#16TSH, #14GND	
I-3000-025	1-1/4"	CP-WIL-FLT4	IPB-FLT-4	3(2/C#16TSH, #14GND)	
I-3000-026	1"	LCP-3004	JB-4-B/F/H	2/C#16TSH, #14GND	
I-3000-027	3/4"	IPB-FLT-4	LIT-3004	2/C#16TSH, #14GND	
I-3000-028	3/4"	LIT-3004	LE-3004	MAN. SUPPLIED CABLE	
I-3000-029	3/4"	IPB-FLT-4	PIT-3004	2/C#16TSH, #14GND	
I-3000-030	3/4"	LCP-3004	FIT-3004	2/C#16TSH, #14GND	
I-3000-031	3/4"	FIT-3004	FE-3004	MAN. SUPPLIED CABLE	
I-3000-032	3/4"	IPB-FLT-4	AIT/AE-3004	2/C#16TSH, #14GND	
I-3000-033	1-1/4"	CP-WIL-FLT5	IPB-FLT-5	3(2/C#16TSH, #14GND)	
I-3000-034	1"	LCP-3005	JB-5-B/F/H	2/C#16TSH, #14GND	
I-3000-035	3/4"	IPB-FLT-5	LIT-3005	2/C#16TSH, #14GND	
I-3000-036	3/4"	LIT-3005	LE-3005	MAN. SUPPLIED CABLE	
I-3000-037	3/4"	IPB-FLT-5	PIT-3005	2/C#16TSH, #14GND	
I-3000-038	3/4"	LCP-3005	FIT-3005	2/C#16TSH, #14GND	
I-3000-039	3/4"	FIT-3005	FE-3005	MAN. SUPPLIED CABLE	
I-3000-040	3/4"	IPB-FLT-5	AIT/AE-3005	2/C#16TSH, #14GND	
I-3000-041	1-1/4"	CP-WIL-FLT6	IPB-FLT-6	3(2/C#16TSH, #14GND)	
I-3000-042	1"	LCP-3006	JB-6-B/F/H	2/C#16TSH, #14GND	
I-3000-043	3/4"	IPB-FLT-6	LIT-3006	2/C#16TSH, #14GND	
I-3000-044	3/4"	LIT-3006	LE-3006	MAN. SUPPLIED CABLE	
I-3000-045	3/4"	IPB-FLT-6	PIT-3006	2/C#16TSH, #14GND	
I-3000-046	3/4"	LCP-3006	FIT-3006	2/C#16TSH, #14GND	
I-3000-047	3/4"	FIT-3006	FE-3006	MAN. SUPPLIED CABLE	
I-3000-048	3/4"	IPB-FLT-6	AIT/AE-3006	2/C#16TSH, #14GND	
I-3000-049	1-1/4"	CP-WIL-FLT7	IPB-FLT-7	3(2/C#16TSH, #14GND)	

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
I-3000-050	1"	LCP-3007	JB-7-B/F/H	2/C#16TSH, #14GND	
I-3000-051	3/4"	IPB-FLT-7	LIT-3007	2/C#16TSH, #14GND	
I-3000-052	3/4"	LIT-3007	LE-3007	MAN. SUPPLIED CABLE	
I-3000-053	3/4"	IPB-FLT-7	PIT-3007	2/C#16TSH, #14GND	
I-3000-054	3/4"	LCP-3007	FIT-3007	2/C#16TSH, #14GND	
I-3000-055	3/4"	FIT-3007	FE-3007	MAN. SUPPLIED CABLE	
I-3000-056	3/4"	IPB-FLT-7	AIT/AE-3007	2/C#16TSH, #14GND	
I-3000-057	1-1/4"	CP-WIL-FLT8	IPB-FLT-8	3(2/C#16TSH, #14GND)	
I-3000-058	1"	LCP-3008	JB-8-B/F/H	2/C#16TSH, #14GND	
I-3000-059	3/4"	IPB-FLT-8	LIT-3008	2/C#16TSH, #14GND	
I-3000-060	3/4"	LIT-3008	LE-3008	MAN. SUPPLIED CABLE	
I-3000-061	3/4"	IPB-FLT-8	PIT-3008	2/C#16TSH, #14GND	
I-3000-062	3/4"	LCP-3008	FIT-3008	2/C#16TSH, #14GND	
I-3000-063	3/4"	FIT-3008	FE-3008	MAN. SUPPLIED CABLE	
I-3000-064	3/4"	IPB-FLT-8	AIT/AE-3008	2/C#16TSH, #14GND	
I-3000-065	1-1/4"	CP-WIL-FLT9	IPB-FLT-9	3(2/C#16TSH, #14GND)	
I-3000-066	1"	LCP-3009	JB-9-B/F/H	2/C#16TSH, #14GND	
I-3000-067	3/4"	IPB-FLT-9	LIT-3009	2/C#16TSH, #14GND	
I-3000-068	3/4"	LIT-3009	LE-3009	MAN. SUPPLIED CABLE	
I-3000-069	3/4"	IPB-FLT-9	PIT-3009	2/C#16TSH, #14GND	
I-3000-070	3/4"	LCP-3009	FIT-3009	2/C#16TSH, #14GND	
I-3000-071	3/4"	FIT-3009	FE-3009	MAN. SUPPLIED CABLE	
I-3000-072	3/4"	IPB-FLT-9	AIT/AE-3009	2/C#16TSH, #14GND	
I-3000-073	1-1/4"	CP-WIL-FLT10	IPB-FLT-10	3(2/C#16TSH, #14GND)	
I-3000-074	1"	LCP-3010	JB-10-B/F/H	2/C#16TSH, #14GND	
I-3000-075	3/4"	IPB-FLT-10	LIT-3010	2/C#16TSH, #14GND	
I-3000-076	3/4"	LIT-3010	LE-3010	MAN. SUPPLIED CABLE	
I-3000-077	3/4"	IPB-FLT-10	PIT-3010	2/C#16TSH, #14GND	
I-3000-078	3/4"	LCP-3010	FIT-3010	2/C#16TSH, #14GND	
I-3000-079	3/4"	FIT-3010	FE-3010	MAN. SUPPLIED CABLE	
I-3000-080	3/4"	IPB-FLT-10	AIT/AE-3010	2/C#16TSH, #14GND	
I-3000-081	1-1/4"	CP-WIL-FLT11	IPB-FLT-11	3(2/C#16TSH, #14GND)	
I-3000-082	1"	LCP-3011	JB-11-B/F/H	2/C#16TSH, #14GND	
I-3000-083	3/4"	IPB-FLT-11	LIT-3011	2/C#16TSH, #14GND	
I-3000-084	3/4"	LIT-3011	LE-3011	MAN. SUPPLIED CABLE	
I-3000-085	3/4"	IPB-FLT-11	PIT-3011	2/C#16TSH, #14GND	
I-3000-086	3/4"	LCP-3011	FIT-3011	2/C#16TSH, #14GND	
I-3000-087	3/4"	FIT-3011	FE-3011	MAN. SUPPLIED CABLE	
I-3000-088	3/4"	IPB-FLT-11	AIT/AE-3011	2/C#16TSH, #14GND	
I-3000-089	1-1/4"	CP-WIL-FLT12	IPB-FLT-12	3(2/C#16TSH, #14GND)	
I-3000-090	1"	LCP-3012	JB-12-B/F/H	2/C#16TSH, #14GND	
I-3000-091	3/4"	IPB-FLT-12	LIT-3012	2/C#16TSH, #14GND	
I-3000-092	3/4"	LIT-3012	LE-3012	MAN. SUPPLIED CABLE	
I-3000-093	3/4"	IPB-FLT-12	PIT-3012	2/C#16TSH, #14GND	
I-3000-094	3/4"	LCP-3012	FIT-3012	2/C#16TSH, #14GND	
I-3000-095	3/4"	FIT-3012	FE-3012	MAN. SUPPLIED CABLE	
I-3000-096	3/4"	IPB-FLT-12	AIT/AE-3012	2/C#16TSH, #14GND	
I-3000-097	1-1/4"	CP-WIL-FLT13	IPB-FLT-13	3(2/C#16TSH, #14GND)	
I-3000-098	1"	LCP-3013	JB-13-B/F/H	2/C#16TSH, #14GND	
I-3000-099	3/4"	IPB-FLT-13	LIT-3013	2/C#16TSH, #14GND	
I-3000-100	3/4"	LIT-3013	LE-3013	MAN. SUPPLIED CABLE	
I-3000-101	3/4"	IPB-FLT-13	PIT-3013	2/C#16TSH, #14GND	
I-3000-102	3/4"	LCP-3013	FIT-3013	2/C#16TSH, #14GND	
I-3000-103	3/4"	FIT-3013	FE-3013	MAN. SUPPLIED CABLE	
I-3000-104	3/4"	IPB-FLT-13	AIT/AE-3013	2/C#16TSH, #14GND	
I-3000-105	1-1/4"	CP-WIL-FLT14	IPB-FLT-14	3(2/C#16TSH, #14GND)	
I-3000-106	1"	LCP-3014	JB-14-B/F/H	2/C#16TSH, #14GND	
I-3000-107	3/4"	IPB-FLT-14	LIT-3014	2/C#16TSH, #14GND	
I-3000-108	3/4"	LIT-3014	LE-3014	MAN. SUPPLIED CABLE	
I-3000-109	3/4"	IPB-FLT-14	PIT-3014	2/C#16TSH, #14GND	
I-3000-110	3/4"	LCP-3014	FIT-3014	2/C#16TSH, #14GND	
I-3000-111	3/4"	FIT-3014	FE-3014	MAN. SUPPLIED CABLE	
I-3000-112	3/4"	IPB-FLT-14	AIT/AE-3014	2/C#16TSH, #14GND	
I-3000-113	1-1/4"	CP-WIL-FLT15	IPB-FLT-15	3(2/C#16TSH, #14GND)	
I-3000-114	1"	LCP-3015	JB-15-B/F/H	2/C#16TSH, #14GND	
I-3000-115	3/4"	IPB-FLT-15	LIT-3015	2/C#16TSH, #14GND	
I-3000-116	3/4"	LIT-3015	LE-3015	MAN. SUPPLIED CABLE	
I-3000-117	3/4"	IPB-FLT-15	PIT-3015	2/C#16TSH, #14GND	
I-3000-118	3/4"	LCP-3015	FIT-3015	2/C#16TSH, #14GND	
I-3000-119	3/4"	FIT-3015	FE-3015	MAN. SUPPLIED CABLE	
I-3000-120	3/4"	IPB-FLT-15	AIT/AE-3015	2/C#16TSH, #14GND	
I-3000-121	1-1/4"	CP-WIL-FLT16	IPB-FLT-16	3(2/C#16TSH, #14GND)	
I-3000-122	1"	LCP-3016	JB-16-B/F/H	2/C#16TSH, #14GND	
I-3000-123	3/4"	IPB-FLT-16	LIT-3016	2/C#16TSH, #14GND	
I-3000-124	3/4"	LIT-3016	LE-3016	MAN. SUPPLIED CABLE	
I-3000-125	3/4"	IPB-FLT-16	PIT-3016	2/C#16TSH, #14GND	
I-3000-126	3/4"	LCP-3016	FIT-3016	2/C#16TSH, #14GND	
I-3000-127	3/4"	FIT-3016	FE-3016	MAN. SUPPLIED CABLE	
I-3000-128	3/4"	IPB-FLT-16	AIT/AE-3016	2/C#16TSH, #14GND	
I-3000-129	-			NOT USED	
I-3000-130	-			NOT USED	
I-3000-131	-			NOT USED	
I-3000-132	-			NOT USED	
I-3000-133	-			NOT USED	
I-3000-134	-			NOT USED	
I-3000-135	-			NOT USED	
I-3000-136	-			NOT USED	
I-3000-137	-			NOT USED	
I-3000-138	3/4"	NC-WIL-SR2	NC-WIL-SR3	(1) CAT-6 CABLE	

3

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 6	02-04-25	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: N. NELSON
DRAWN BY: N. NELSON
PROJECT ENGINEER: B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
CONDUIT AND WIRE SCHEDULE IV

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E3046

File: C:_DC\ACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E3046 Saved by SREXHEPI Save date: 6/19/2026 9:09 AM
PLOT DATE: 7/6/2026 1:47 PM BY: SREXHEPI

CONDUIT NO	SIZE	FROM	TO	CONDUCTORS	REMARKS
I-3000-139	1-1/2"	NC-WIL-2PR	NC-WIL-AB	FO CABLE	
I-3000-140	1-1/2"	NC-WIL-2PR	FPP (MAINTENANCE BLDG)	FO CABLE	
I-3000-141	3"	NC-WIL-2PR	NC-WIL-SR1	(4) FO CABLE	
I-3000-142	2-1/2"	NC-WIL-2PR	NC-WIL-SR2	(2) FO CABLE	
I-3000-143	3/4"	NC-WIL-SR1	CP-WIL-RADIO	(2) CAT-6 CABLE	
I-3000-144	3/4"	NC-WIL-SR1	HSPS BACKUP OIT (CONTROL ROOM)	(1) CAT-6 CABLE	
I-3000-145	3/4"	NC-WIL-SR1	CP-WIL-SR	(3) CAT-6 CABLE	
I-3000-146	3/4"	NC-WIL-SR1	CP-WIL-FLT1	(1) CAT-6 CABLE	
I-3000-147	3/4"	NC-WIL-SR1	CP-WIL-FLT2	(1) CAT-6 CABLE	
I-3000-148	3/4"	NC-WIL-SR1	CP-WIL-FLT9	(1) CAT-6 CABLE	
I-3000-149	3/4"	NC-WIL-SR1	CP-WIL-FLT10	(1) CAT-6 CABLE	
I-3000-150	3/4"	NC-WIL-SR1	CP-WIL-AR	(1) CAT-6 CABLE	
I-3000-151	3"	NC-WIL-2PR	NC-WIL-SR3	(4) FO CABLE	
I-3000-152	1"	CP-WIL-MSTR	DPIT-3050	2/C#16TSH, #14GND	
I-3000-153	3/4"	IPB-MSTR	JB-3070	2/C#16TSH, #14GND	
I-3000-154	3/4"	IPB-MSTR	FE/FIT-3070	2/C#16TSH, #14GND	
I-3000-155	1"	CP-WIL-SR	FIT-1502	2/C#16TSH, #14GND	
I-3000-156	3/4"	FIT-1502	FE-1502	MAN. SUPPLIED CABLE	
I-3000-157	1"	CP-WIL-SR	FIT-1503	2/C#16TSH, #14GND	
I-3000-158	3/4"	FIT-1503	FE-1503	MAN. SUPPLIED CABLE	
I-3000-159	1"	CP-WIL-MSTR	DPIT-3060	2/C#16TSH, #14GND	
I-3000-160	1-1/2"	CP-WIL-SR	IPB-ZOP	7(2/C#16TSH), #14GND	
I-3000-161	3/4"	IPB-ZOP	LIT-6160	2/C#16TSH, #14GND	
I-3000-162	3/4"	LIT-6160	LE-6160	MAN. SUPPLIED CABLE	
I-3000-163	3/4"	IPB-ZOP	FIT-6161	2/C#16TSH, #14GND	
I-3000-164	3/4"	FIT-6161	FE-6161	MAN. SUPPLIED CABLE	
I-3000-165	3/4"	IPB-ZOP	FIT-6162	2/C#16TSH, #14GND	
I-3000-166	3/4"	FIT-6162	FE-6162	MAN. SUPPLIED CABLE	
I-3000-167	3/4"	IPB-ZOP	PMP-6161	2(2/C#16TSH), #14GND	
I-3000-168	3/4"	IPB-ZOP	PMP-6162	2(2/C#16TSH), #14GND	
I-3000-169	1-1/2"	CP-WIL-SR	IPB-FLUORIDE-1	7(2/C#16TSH), #14GND	
I-3000-170	3/4"	IPB-FLUORIDE-1	LIT-6210	2/C#16TSH, #14GND	
I-3000-171	3/4"	LIT-6210	LE-6210	MAN. SUPPLIED CABLE	
I-3000-172	3/4"	IPB-FLUORIDE-1	FIT-6211	2/C#16TSH, #14GND	
I-3000-173	3/4"	FIT-6211	FE-6211	MAN. SUPPLIED CABLE	
I-3000-174	3/4"	IPB-FLUORIDE-1	FIT-6212	2/C#16TSH, #14GND	
I-3000-175	3/4"	FIT-6212	FE-6212	MAN. SUPPLIED CABLE	
I-3000-176	3/4"	IPB-FLUORIDE-1	PMP-6211	2(2/C#16TSH), #14GND	
I-3000-177	3/4"	IPB-FLUORIDE-1	PMP-6212	2(2/C#16TSH), #14GND	
I-3000-178	3/4"	IPB-MSTR	DPIT-3000A	2/C#16TSH, #14GND	
I-3000-179	3/4"	IPB-MSTR	DPIT-3000B	2/C#16TSH, #14GND	
I-3000-180	3/4"	IPB-MSTR	DPIT-3000C	2/C#16TSH, #14GND	
I-3000-181	1-1/2"	CP-WIL-MSTR	IPB-MSTR	6(2/C#16TSH), #14GND	
I-3000-182	1-1/4"	CP-WIL-FLT1	LCP-3001	3(2/C#16TSH), #14GND	
I-3000-183	1-1/4"	CP-WIL-FLT2	LCP-3002	3(2/C#16TSH), #14GND	
I-3000-184	1-1/4"	CP-WIL-FLT3	LCP-3003	3(2/C#16TSH), #14GND	
I-3000-185	1-1/4"	CP-WIL-FLT4	LCP-3004	3(2/C#16TSH), #14GND	
I-3000-186	1-1/4"	CP-WIL-FLT5	LCP-3005	3(2/C#16TSH), #14GND	
I-3000-187	1-1/4"	CP-WIL-FLT6	LCP-3006	3(2/C#16TSH), #14GND	
I-3000-188	1-1/4"	CP-WIL-FLT7	LCP-3007	3(2/C#16TSH), #14GND	
I-3000-189	1-1/4"	CP-WIL-FLT8	LCP-3008	3(2/C#16TSH), #14GND	
I-3000-190	1-1/4"	CP-WIL-FLT9	LCP-3009	3(2/C#16TSH), #14GND	
I-3000-191	1-1/4"	CP-WIL-FLT10	LCP-3010	3(2/C#16TSH), #14GND	
I-3000-192	1-1/4"	CP-WIL-FLT11	LCP-3011	3(2/C#16TSH), #14GND	
I-3000-193	1-1/4"	CP-WIL-FLT12	LCP-3012	3(2/C#16TSH), #14GND	
I-3000-194	1-1/4"	CP-WIL-FLT13	LCP-3013	3(2/C#16TSH), #14GND	
I-3000-195	1-1/4"	CP-WIL-FLT14	LCP-3014	3(2/C#16TSH), #14GND	
I-3000-196	1-1/4"	CP-WIL-FLT15	LCP-3015	3(2/C#16TSH), #14GND	
I-3000-197	1-1/4"	CP-WIL-FLT16	LCP-3016	3(2/C#16TSH), #14GND	
I-3000-198	3/4"	CP-WIL-FLT1	AIT-3000	RS-485	
I-3000-199	3/4"	AIT-3000	FSP-1A	RS-485	
I-3000-200	3/4"	FSP-1A	AE-3001A	MAN. SUPPLIED CABLE	
I-3000-201	3/4"	FSP-1A	FSP-8A	RS-485	
I-3000-202	3/4"	FSP-8A	AE-3008A	MAN. SUPPLIED CABLE	
I-3000-203	3/4"	FSP-8A	FSP-9A	RS-485	
I-3000-204	3/4"	FSP-9A	AE-3009A	MAN. SUPPLIED CABLE	
I-3000-205	3/4"	FSP-9A	FSP-16A	RS-485	
I-3000-206	3/4"	FSP-16A	AE-3016A	MAN. SUPPLIED CABLE	

5

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
5	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
4	FO-016	04-30-26	BDB
3	CONFORMED DRAWINGS	03-13-25	BDB
2	ADDENDUM 6	02-04-24	BDB
1	ADDENDUM 2	01-08-24	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: N. NELSON
DRAWN BY: N. NELSON
PROJECT ENGINEER: B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

FILTER BUILDING
ELECTRICAL
CONDUIT AND WIRE SCHEDULE V

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E3047

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PLOT DATE: 7/6/2026 1:47 PM BY: SREXHEPI

PLANT NORTH

NOTES:

1. DEMOLITON PLAN DRAWING INDICATES APPROXIMATE EQUIPMENT LOCATIONS. FIELD VERIFY EXACT LOCATIONS.
2. DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES, LIGHT SWITCHES, RECEPTACLES AND ASSOCIATED CONDUIT AND WIRE IN THIS ROOM. LIGHT FIXTURES ARE SUPPLIED FROM LIGHTING PANEL "HA", RECEPTACLES ARE SUPPLIED FROM LIGHTING PANEL "LA" and "LB". REFERENCE DRAWING E8010 FOR ADDITIONAL INFORMATION.
3. DISCONNECT AND REMOVE EXISTING EF-2, MS-EF-2, AND ANCILLARY COMPONENTS. DISCONNECT AND REMOVE CONDUCTORS BACK TO SOURCE. REMOVE AND DISCONNECT ASSOCIATED EXPOSED CONDUIT FITTINGS, COUPLINGS AND SUPPORTING DEVICES BETWEEN THE EXISTING EF-2 AND PANELBOARD "LC". REFERENCE DRAWING E8009 FOR ADDITIONAL INFORMATION.
4. REMOVE CONDUCTORS, CONDUITS AND SUPPORTS ASSOCIATED WITH DEMOLISHED ELECTRICAL EQUIPMENT.
5. REFERENCE OTHER DISCIPLINE DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
6. DISCONNECT AND REMOVE UNDERCABINET LIGHTING IN LABS AND ASSOCIATED CONDUIT AND WIRE.

2

PREPARATION
(SEE NOTE 2)

FILTER SAMPLE CONTROL PANEL

FILTER SAMPLE CONTROL PANEL

CHEMIST OFFICE
(SEE NOTE 2)

UP

EV CHARGER

CONTACTOR C3

CONTACTOR C2

CONTACTOR C1

STAIR 1
(SEE NOTE 2)

UP

EP

LA

LB

PANEL HDP TRANS ELIM

TA

TB

PANEL MDP

E

SERVICE AND STOCK ROOM
(SEE NOTE 2)

EFFLUENT SAMPLE PUMP NORTH STARTER

INFLUENT SAMPLE PUMP SOUTH STARTER

EF-2
SEE NOTE 3

UP

UP

PUSH TO EXIT

STAIR 2
(SEE NOTE 2)

CORRIDOR 2
(SEE NOTE 2)

PUSH TO EXIT

CARD READER

ADP PANELS (STACKED)

PANEL

ELEVATOR

ELEV EQUIP
(SEE NOTE 2)

COMP GAS

CORRIDOR 1
(SEE NOTE 2)

LIBRARY
(SEE NOTE 2)

ORGANIC LAB
(SEE NOTE 2)

ORGANIC LAB
(SEE NOTE 2)

INORGANIC LAB
(SEE NOTE 2)

MICRO LAB
(SEE NOTE 2)

WAITING/LOBBY

EXISTING TRACK LIGHTING MOUNTED ON BEAM

ENTRY VEST
(SEE NOTE 2)

AIR CURTAIN

FIRST FLOOR - DEMOLITION PLAN

1/4" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
FIRST FLOOR - DEMOLITION PLAN

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8000

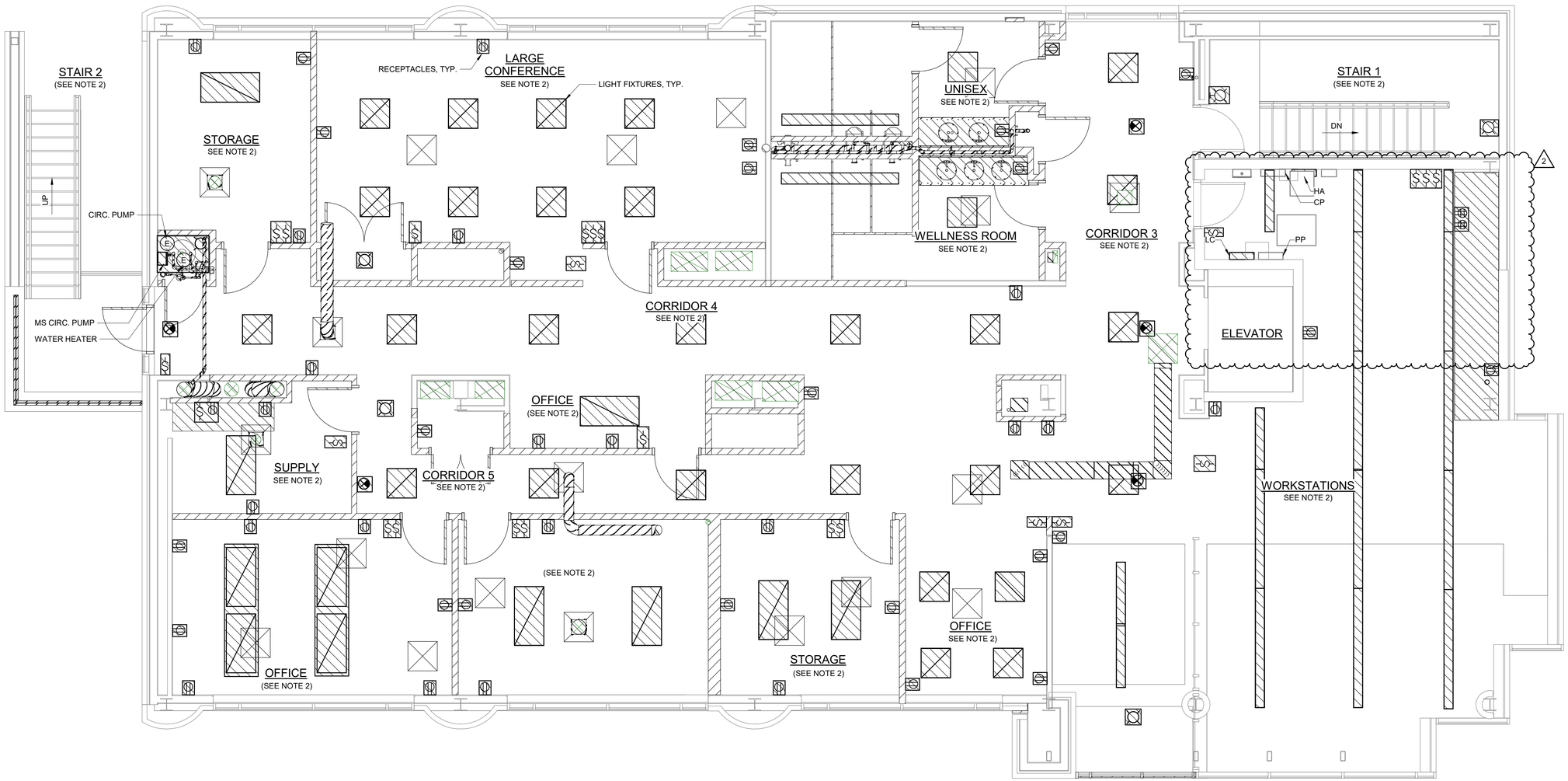
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PLANT NORTH

NOTES:

1. DEMOLITON PLAN DRAWING INDICATES APPROXIMATE EQUIPMENT LOCATIONS. FIELD VERIFY EXACT LOCATIONS.
2. DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES, LIGHT SWITCHES, RECEPTACLES AND ASSOCIATED CONDUIT AND WIRE IN THIS ROOM. LIGHT FIXTURES ARE SUPPLIED FROM LIGHTING PANEL "HA". RECEPTACLES ARE SUPPLIED FROM LIGHTING PANEL "LC". REFERENCE DRAWING E8010 FOR ADDITIONAL INFORMATION.
3. REMOVE CONDUCTORS, CONDUITS AND SUPPORTS ASSOCIATED WITH DEMOLISHED ELECTRICAL EQUIPMENT.
4. REFERENCE OTHER DISCIPLINE DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

2



SECOND FLOOR - DEMIOLITON PLAN

1/4" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0 1/2" 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

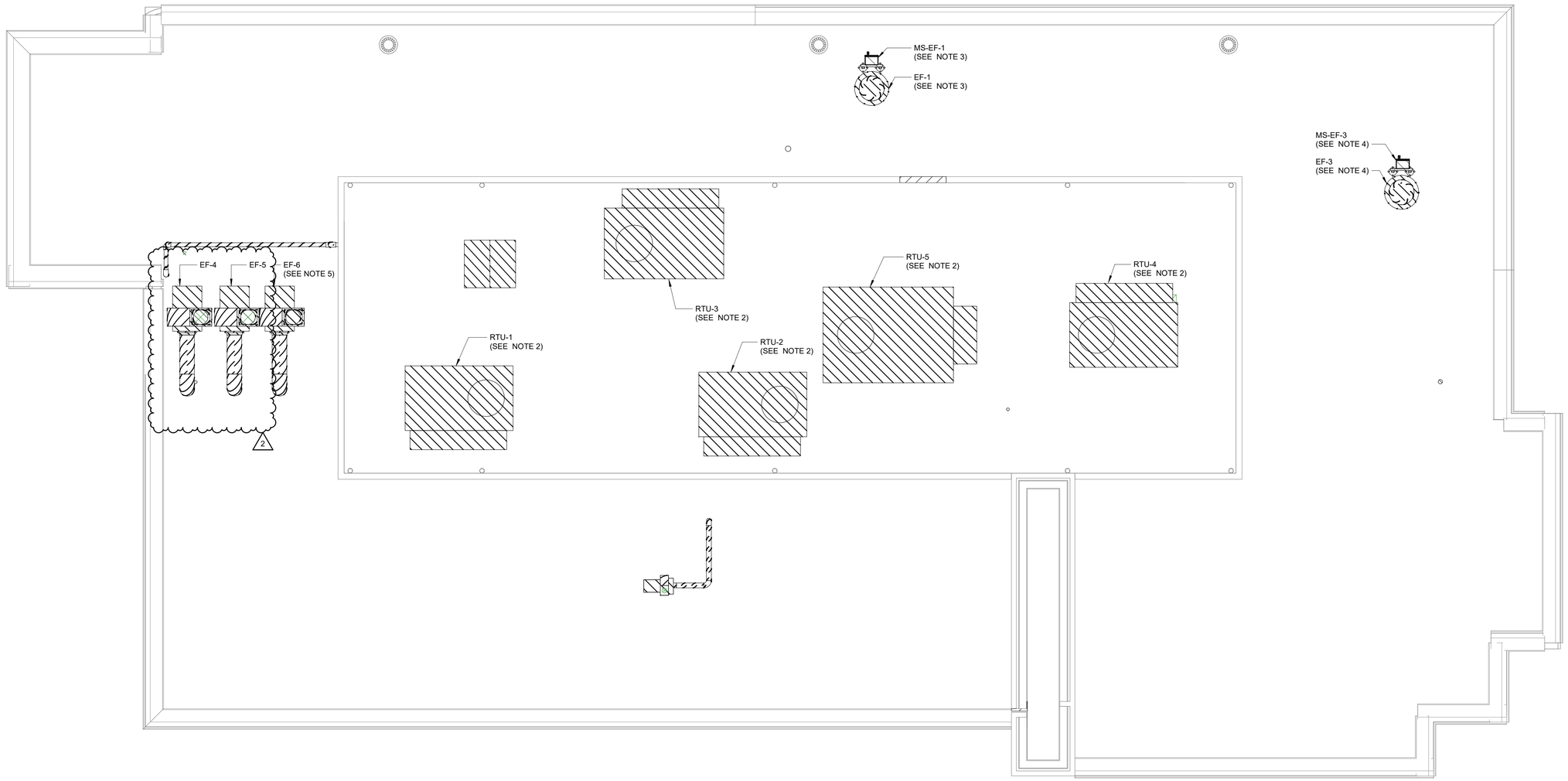
JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
SECOND FLOOR - DEMOLITION PLAN

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8001

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PLANT NORTH



ROOF - DEMOLITION

1/4" = 1'-0"

NOTES:

1. DEMOLITON PLAN DRAWING INDICATES APPROXIMATE EQUIPMENT LOCATIONS. FIELD VERIFY EXACT LOCATIONS.
2. DISCONNECT AND REMOVE EXISTING RTU-1, RTU-2, RTU-3, RTU-4, RTU-5 AND ANCILLARY COMPONENTS. DISCONNECT AND REMOVE CONDUCTORS BACK TO SOURCE. REMOVE LOCAL DISCONNECT SWITCHES, LOCAL CONTROL PANELS, ASSOCIATED EXPOSED CONDUIT FITTINGS, COUPLINGS AND SUPPORTING DEVICES BETWEEN THE EXISTING RTU-1 AND PANELBOARD HA.
3. DISCONNECT AND REMOVE EXISTING EF-1. DISCONNECT AND REMOVE EXISTING MS-EF-1, AND ANCILLARY COMPONENTS. DISCONNECT AND REMOVE CONDUCTORS BACK TO SOURCE. REMOVE AND DISCONNECT ASSOCIATED EXPOSED CONDUIT FITTINGS, COUPLINGS AND SUPPORTING DEVICES BETWEEN THE EXISTING EF-1 AND PANELBOARD LC.
4. DISCONNECT AND REMOVE EXISTING EF-3. DISCONNECT AND REMOVE EXISTING MS-EF-3, AND ANCILLARY COMPONENTS. DISCONNECT AND REMOVE CONDUCTORS BACK TO SOURCE. REMOVE AND DISCONNECT ASSOCIATED EXPOSED CONDUIT FITTINGS, COUPLINGS AND SUPPORTING DEVICES BETWEEN THE EXISTING EF-3 AND PANELBOARD LC.
5. DISCONNECT AND REMOVE PREP LAB HOOD EXISTING EXHAUST FAN (EF-6) AND ALL ASSOCIATED MOUNTING HARDWARE AND APPURTENANCE. DISCONNECT AND REMOVE ALL CONDUCTORS AND EXPOSED CONDUITS BACK TO SOURCE. EMBEDDED CONDUIT SHALL BE SEALED PER STANDARD DETAIL E-26-0103.
6. REFERENCE OTHER DISCIPLINE DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE — 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
ROOF - DEMOLITION PLAN

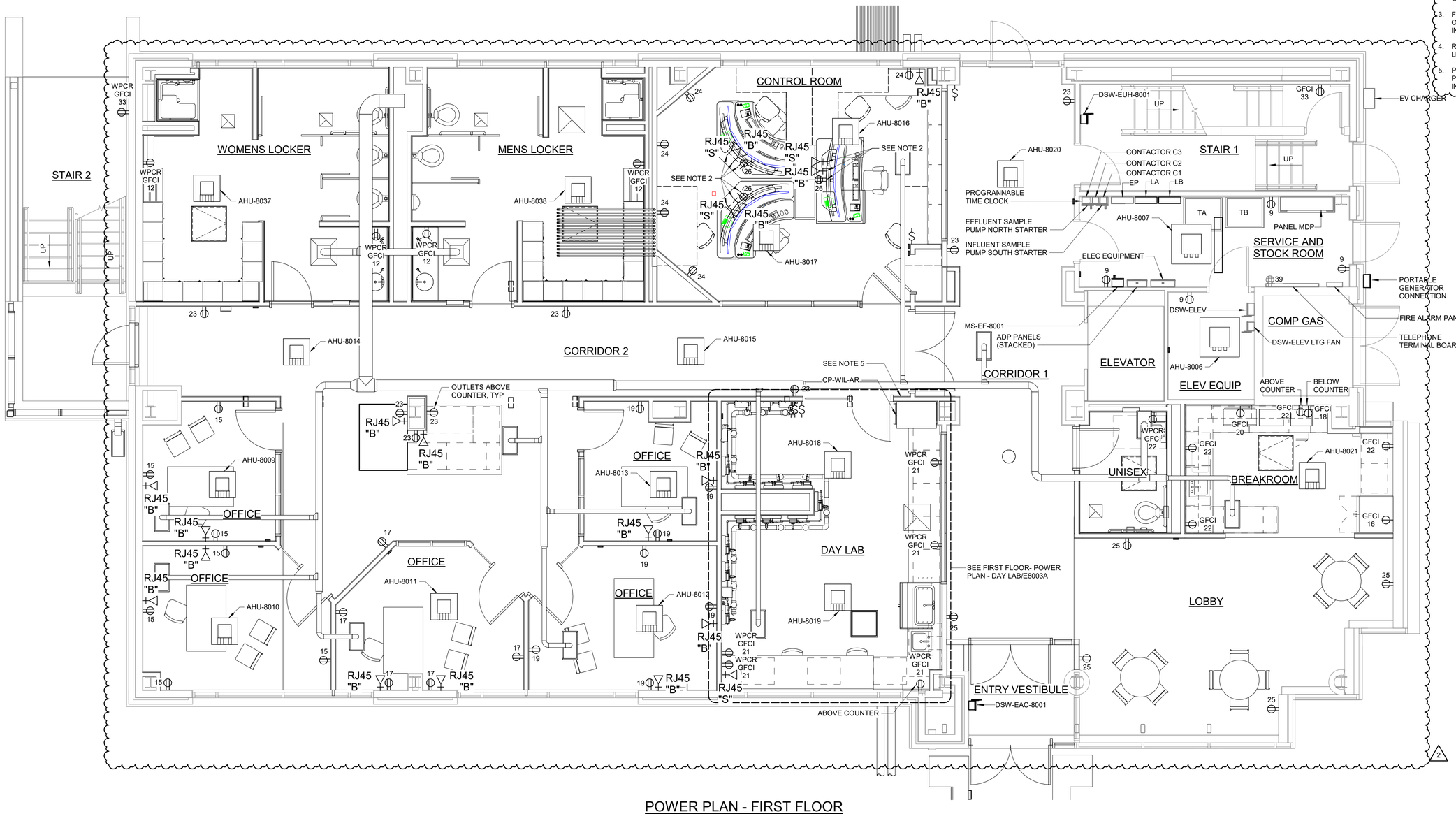
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HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8002

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PLANT NORTH

NOTES:

1. PLAN DRAWINGS INDICATE APPROXIMATE EQUIPMENT LOCATIONS. COORDINATE EXACT LOCATION WITH FIELD REQUIREMENTS AND OTHER DISCIPLINES.
2. MOUNT RECEPTACLES, BUSINESS, AND SCADA OUTLETS ON THE FLOOR.
3. FOR EACH BUSINESS AND SCADA NETWORK/DATA OUTLET SHOWN, FURNISH AND INSTALL 1-CAT 6 CABLE IN A 3/4-INCH CONDUIT TO THE SCADA ROOM.
4. RECEPTACLE CIRCUITS ARE SUPPLIED FROM PANEL LB.
5. PROVIDE EBMEDDED EMPTY CONDUIT WITH PULLSTRING FROM SECURITY PANEL LOCATION TO INDICATED DOORS FOR EXTERIOR CARD READERS.



POWER PLAN - FIRST FLOOR

1/4" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

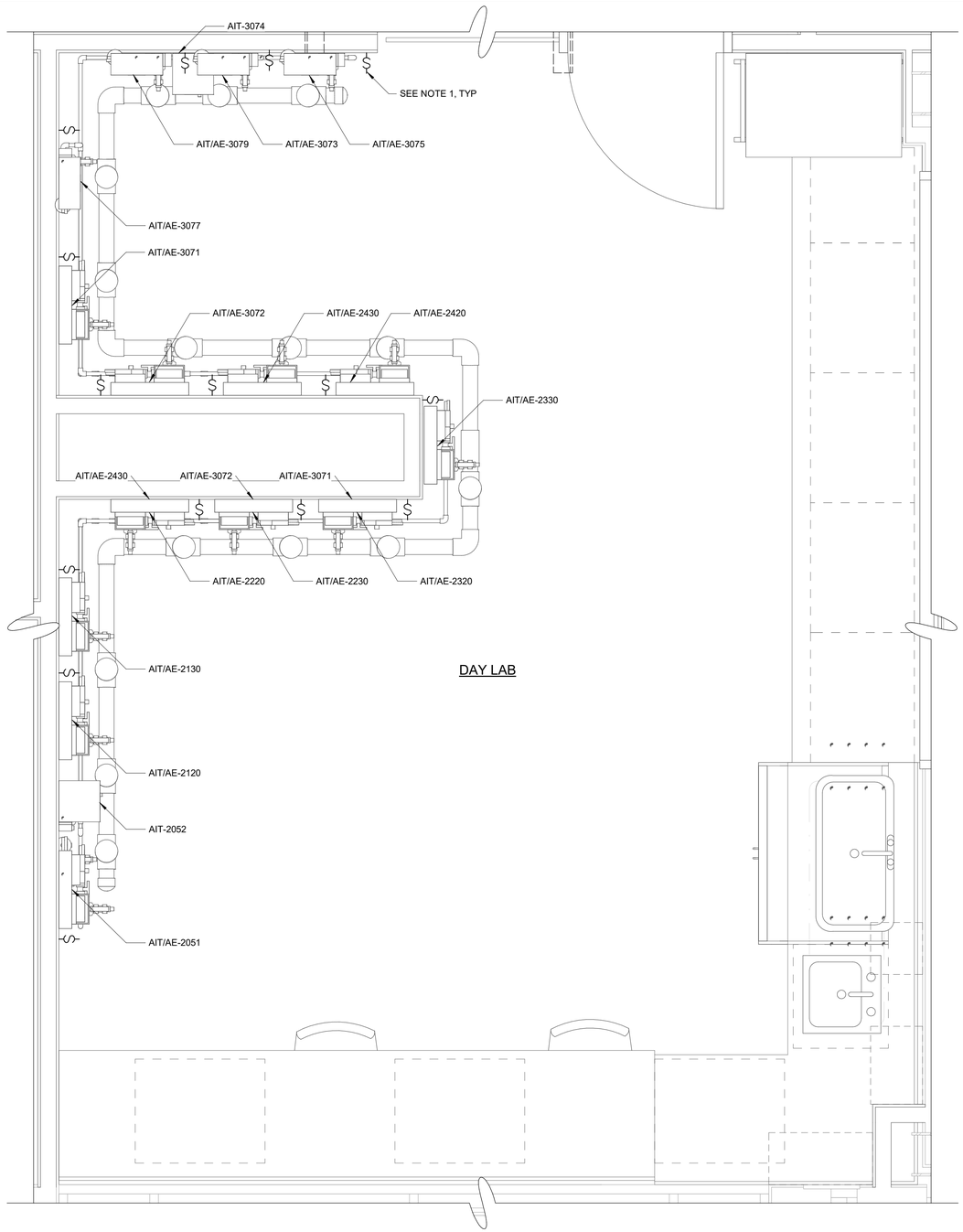
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
FIRST FLOOR - POWER PLAN

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8003

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DAY LAB

FIRST FLOOR - POWER PLAN - DAY LAB

3/4" = 1'-0"

NOTES:

1. MOUNT NSSC SERIES MANUAL STARTING SWITCH IN LINE WITH ELECTRICAL CONDUIT.
2. ALL CONDUITS IN THE DAY LAB SHALL BE INSTALLED CONCEALED.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

ADMINISTRATION BUILDING
ELECTRICAL
FIRST FLOOR - POWER PLAN - DAY LAB

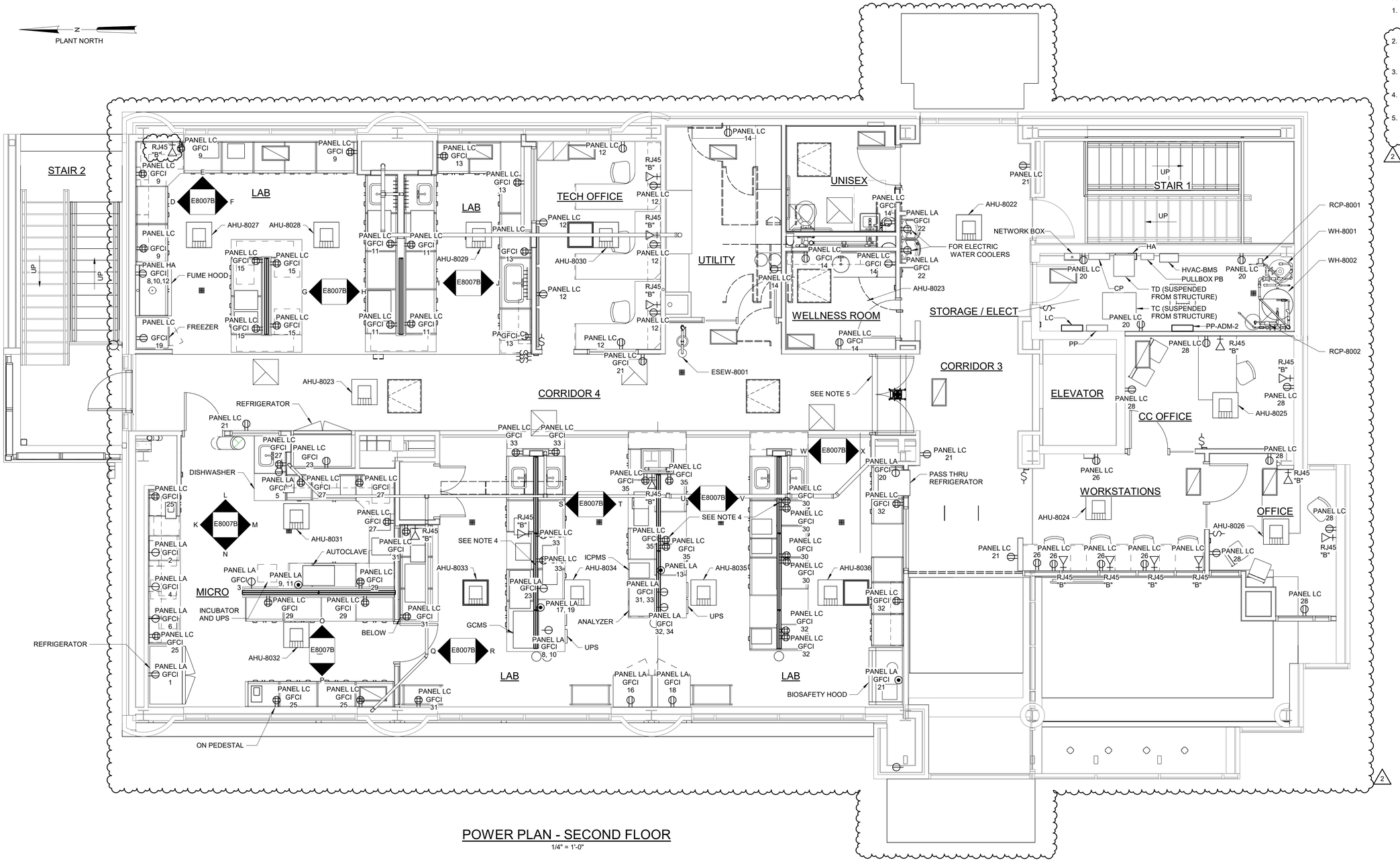
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HAZEN NO.:	60711-003
CONTRACT NO.:	1
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NOTES:

1. PLAN DRAWINGS INDICATE APPROXIMATE EQUIPMENT LOCATIONS. COORDINATE EXACT LOCATION WITH FIELD REQUIREMENTS AND OTHER DISCIPLINES.
2. FOR EACH BUSINESS AND SCADA NETWORK/DATA OUTLET SHOWN, FURNISH AND INSTALL 1-CAT 6 CABLE IN A 3/4-INCH CONDUIT TO THE SCADA ROOM.
3. RECEPTACLE CIRCUITS ARE SUPPLIED FROM PANEL "LC" AND "LA".
4. RECEPTACLES ON THIS ISLAND ARE SURFACE MOUNTED.
5. PROVIDE EBMEDDED EMPTY CONDUIT WITH PULLSTRING FROM SECURITY PANEL LOCATION TO INDICATED DOORS FOR EXTERIOR CARD READERS.

PLANT NORTH



POWER PLAN - SECOND FLOOR

1/4" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
SECOND FLOOR - POWER PLAN

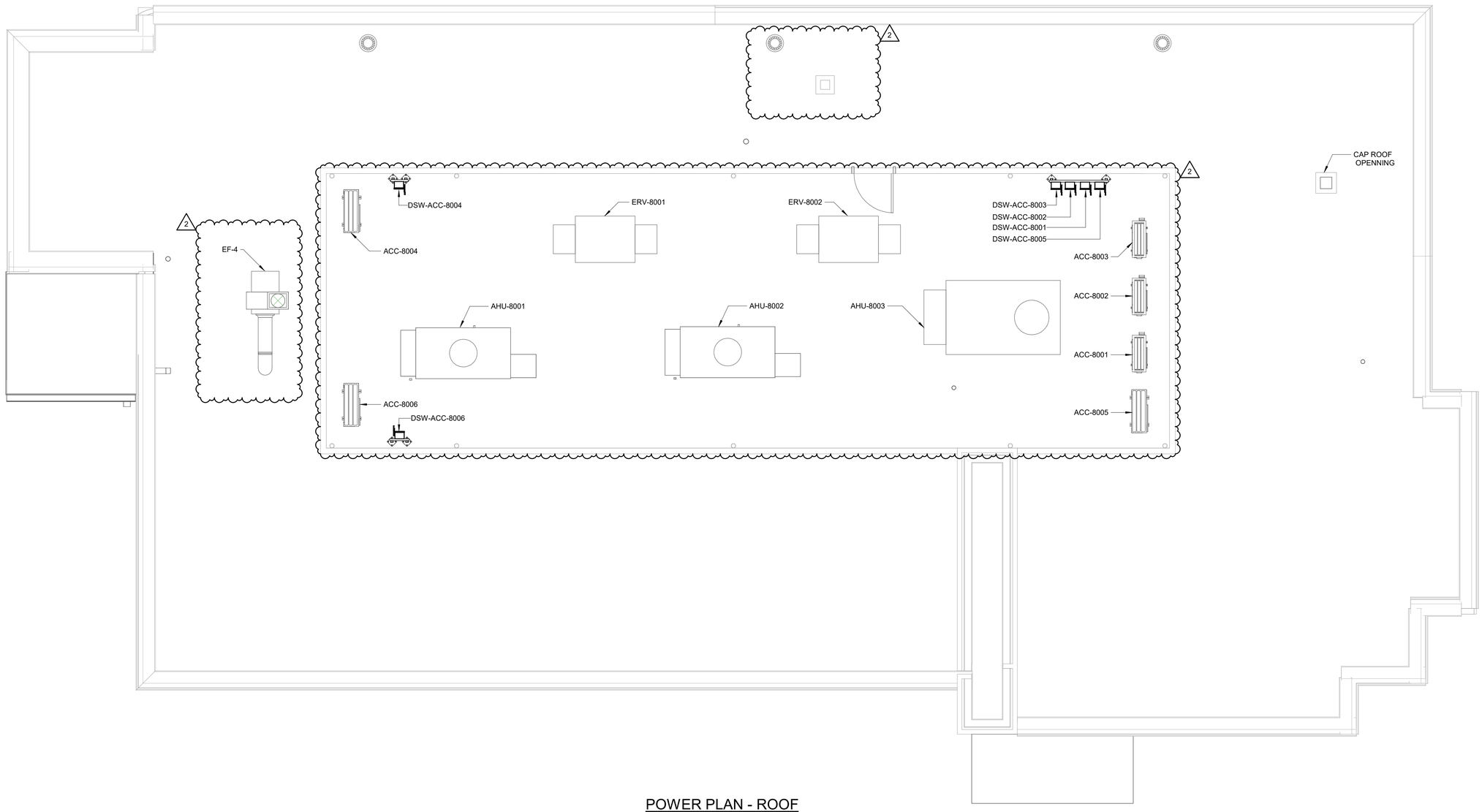
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HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8004

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NOTES:

1. PLAN DRAWINGS INDICATE APPROXIMATE EQUIPMENT LOCATIONS. COORDINATE EXACT LOCATION WITH FIELD REQUIREMENTS AND OTHER DISCIPLINES.

PLANT NORTH



POWER PLAN - ROOF

1/4" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
ROOF - POWER PLAN

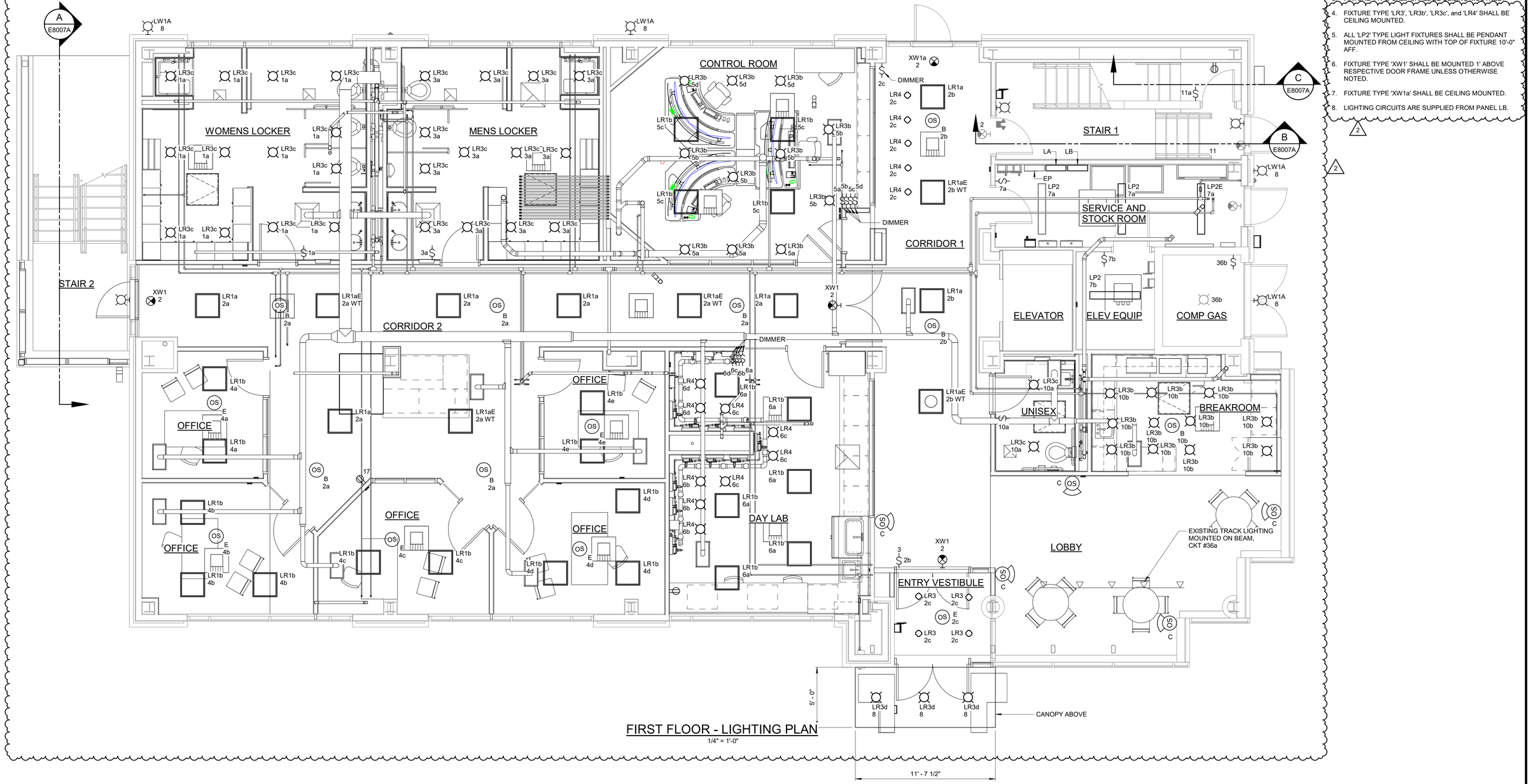
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PLANT NORTH

NOTES:

1. PLAND DRAWINGS INDICATE APPROXIMATE EQUIPMENT LOCATIONS. COORDINATE EXACT LOCATIONS WITH FIELD REQUIREMENTS AND OTHER DISCIPLINES.
2. FIXTURE TYPE 'LR1a' SHALL BE CEILING MOUNTED.
3. FIXTURE TYPE 'LR2b' SHALL BE CEILING MOUNTED.
4. FIXTURE TYPE 'LR3', 'LR3b', 'LR3c', and 'LR4' SHALL BE CEILING MOUNTED.
5. ALL 'LP2' TYPE LIGHT FIXTURES SHALL BE PENDANT MOUNTED FROM CEILING WITH TOP OF FIXTURE 10'-0" AFF.
6. FIXTURE TYPE 'XW1' SHALL BE MOUNTED 1' ABOVE RESPECTIVE DOOR FRAME UNLESS OTHERWISE NOTED.
7. FIXTURE TYPE 'XW1a' SHALL BE CEILING MOUNTED.
8. LIGHTING CIRCUITS ARE SUPPLIED FROM PANEL LB.



FIRST FLOOR - LIGHTING PLAN
1/4" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE	0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
FIRST FLOOR - LIGHTING PLAN

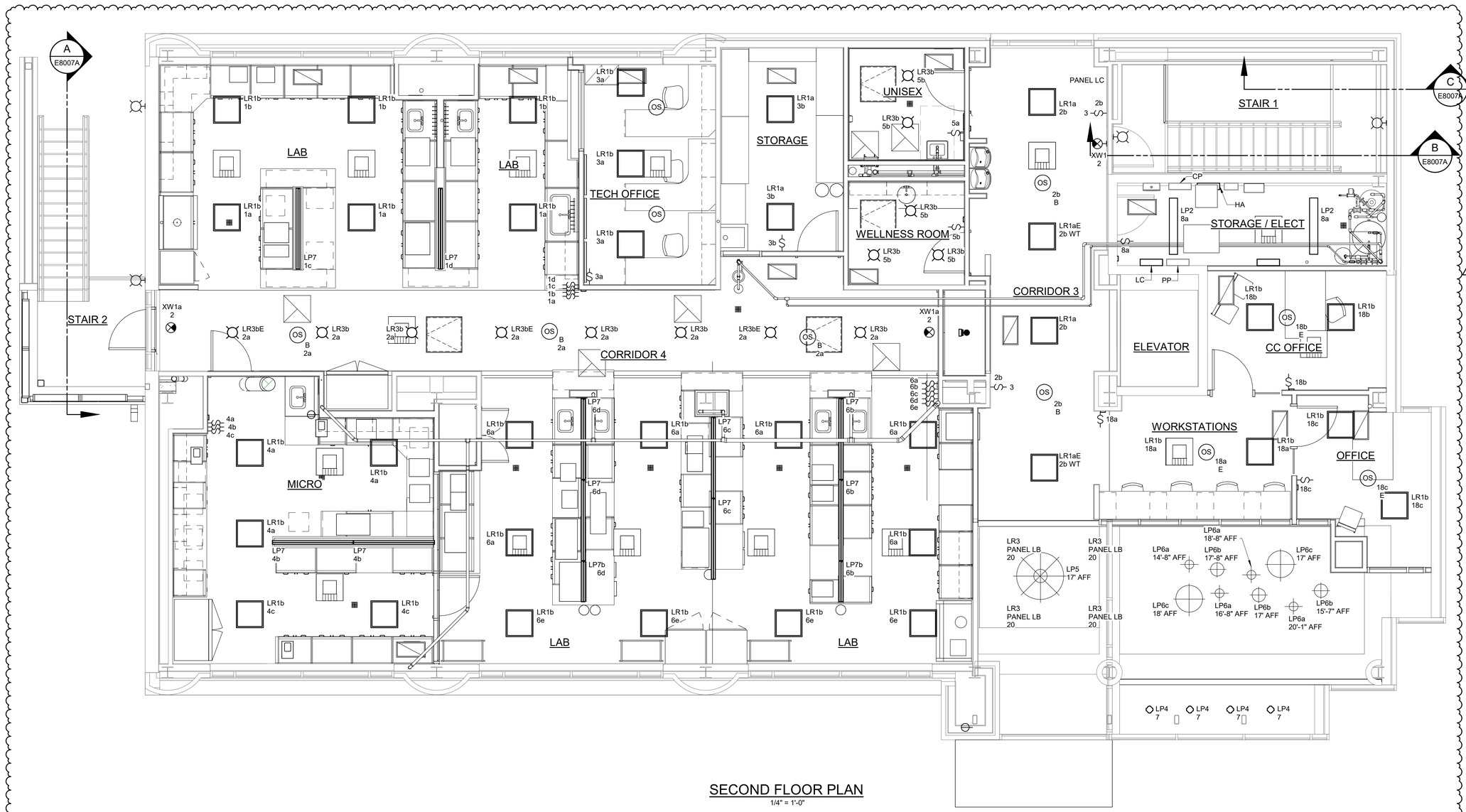
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CONTRACT NO.:	1
DRAWING NUMBER:	E8006

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PLANT NORTH

NOTES:

1. PLAND DRAWINGS INDICATE APPROXIMATE EQUIPMENT LOCATIONS. COORDINATE EXACT LOCATIONS WITH FIELD REQUIREMENTS AND OTHER DISCIPLINES.
2. FIXTURE TYPE 'LR1a' 'LR1aE' and 'LR1b' SHALL BE CEILING MOUNTED.
3. FIXTURE TYPE 'LR2b' SHALL BE CEILING MOUTNED.
4. FIXTURE TYPE 'LR3', 'LR3b', AND 'LR3bE' SHALL BE CEILING MOUNTED.
5. ALL 'LP2' TYPE LIGHT FIXTURES SHALL BE PENDANT MOUNTED FROM CEILING WITH TOP OF FIXTURE 10'-7" AFF.
6. FIXTURE TYPE 'LP4' SHALL BE PENDANT MOUNTED FROM CEILING WITH BOTTOM OF FIXTURE 11'-8" AFF.
7. ALL LP4, LP5, LP6a, LP6b, and LP6c LIGHT FIXTURES ARE FED FROM PANEL LC CIRCUIT 7.
8. FIXTURE TYPE 'XW1' SHALL BE MOUNTED 1' ABOVE RESPECTIVE DOOR FRAME UNLESS OTHERWISE NOTED.
9. FIXTURE TYPE 'XW1a' SHALL BE CEILING MOUNTED.
10. FIXTURE TYPE LP7 AND LP7b SHALL BE PENDANT MOUNTED 7'-6" AFF.
11. LIGHTING CIRCUITS ARE SUPPLIED FROM PANEL LC.



SECOND FLOOR PLAN

1/4" = 1'-0"

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

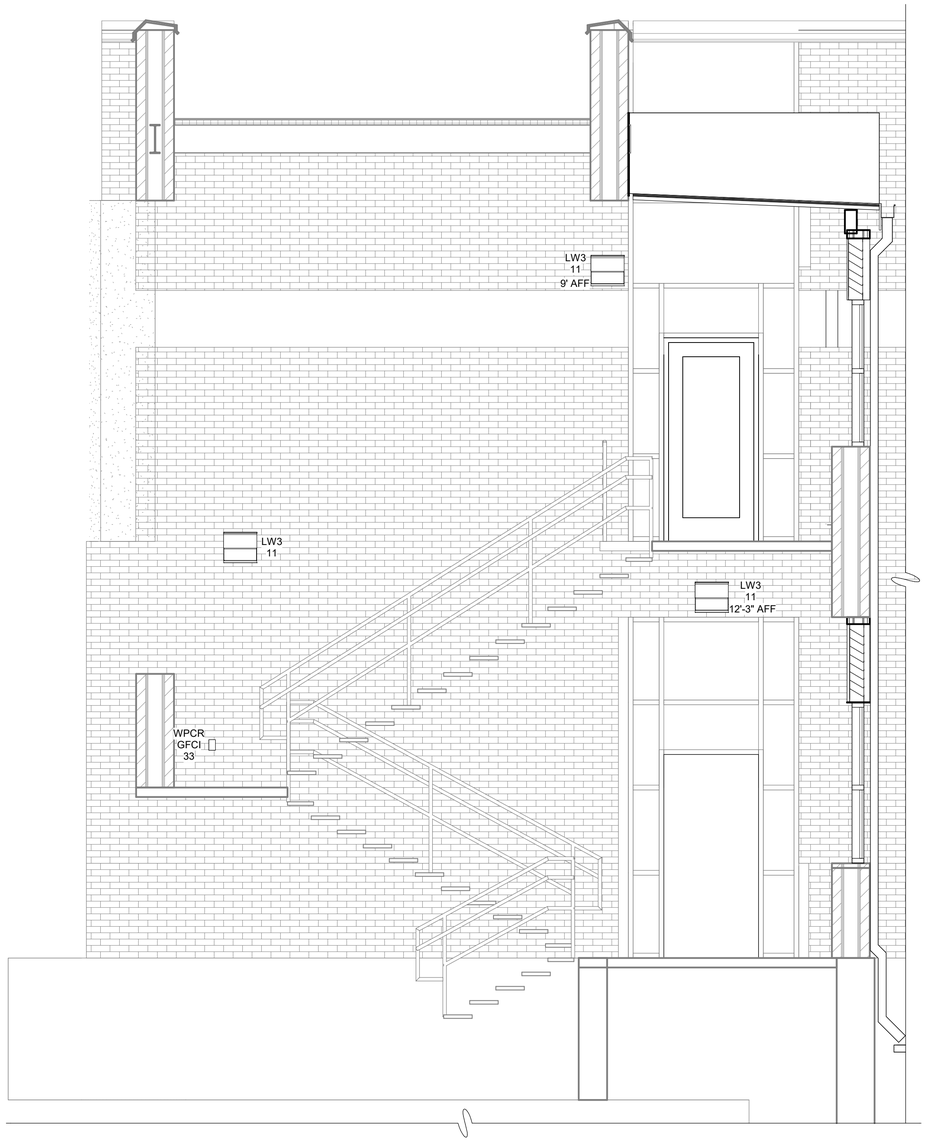
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT

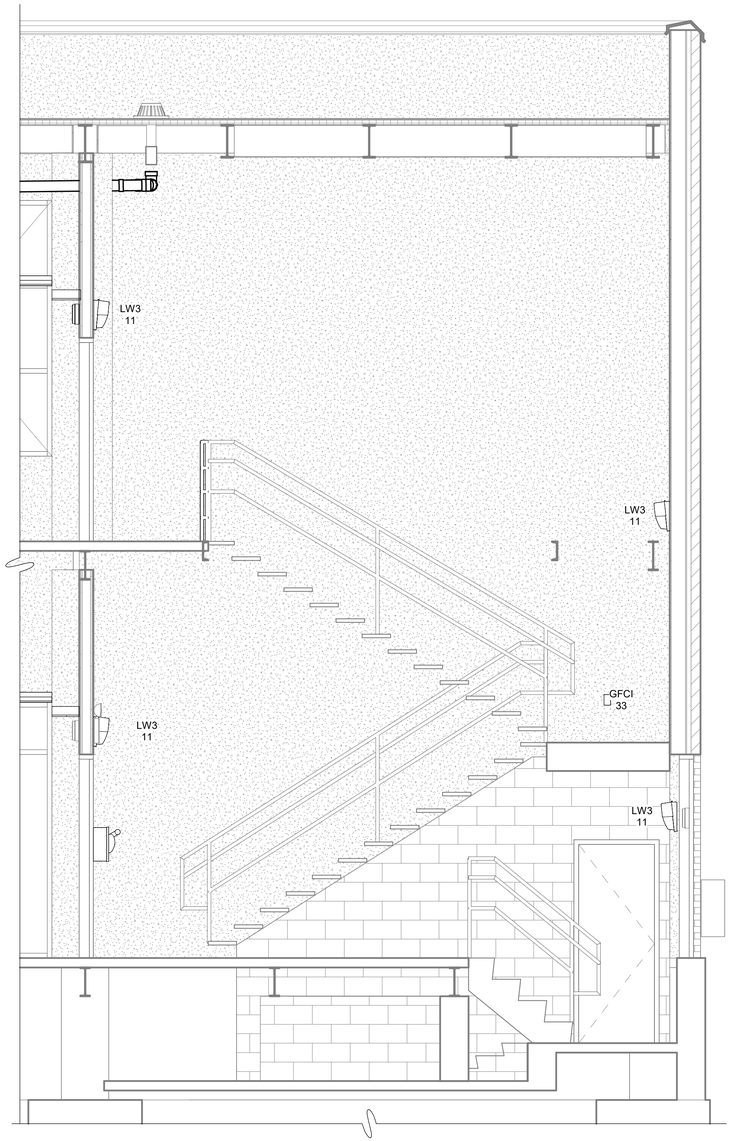
ADMINISTRATION BUILDING
ELECTRICAL
SECOND FLOOR - LIGHTING PLAN

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8007

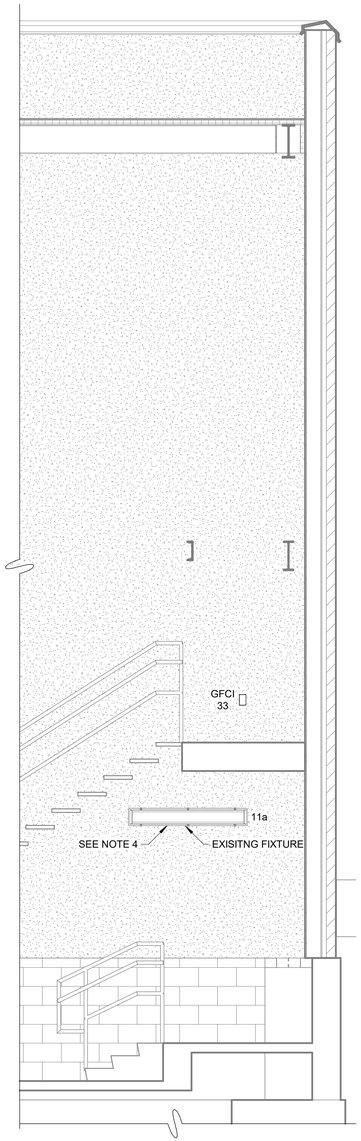
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SECTION A
3/8" = 1'-0" E8006



SECTION B
3/8" = 1'-0" E8006



SECTION C
3/8" = 1'-0" E8006

NOTES:

1. PLAND DRAWINGS INDICATE APPROXIMATE EQUIPMENT LOCATIONS. COORDINATE EXACT LOCATIONS WITH FIELD REQUIREMENTS, OTHER DISCIPLINES, AND APPROVED SHOP DRAWINGS.
2. WHERE MOUNTED ABOVE A DOOR FRAME, FIXTURE TYPE 'LW2A' SHALL BE WALL MOUNTED 1'-0" ABOVE RESPECTIVE DOOR FRAME. ALL OTHER INSTANCES SHALL BE WALL MOUNTED 8'-0" AFF UNLESS OTHERWISE NOTED.
3. ALL LIGHT FIXTURES SHALL BE POWERED FROM THEIR RESPECTIVE CIRCUITS ON PANEL LB, LOCATED IN THE SERVICE AND STOCK ROOM.
4. RECIRCUIT EXISTING LIGHT FIXTURE AND ASSOCIATED LIGHT SWITCH TO NEW CIRCUIT "11a" FED FROM PANEL-LB IN SERVICE AND STOCK ROOM.

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

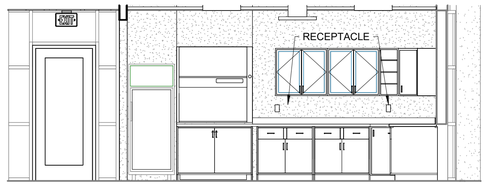
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

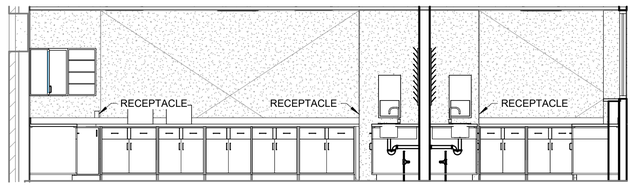
ADMINISTRATION BUILDING
ELECTRICAL
STAIRWELL - LIGHTING PLAN

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	1 E8007A

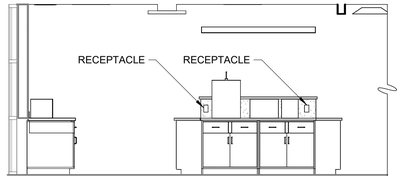
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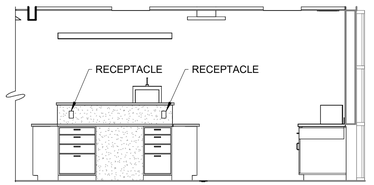
SECTION D
1/4" = 1'-0" E8004



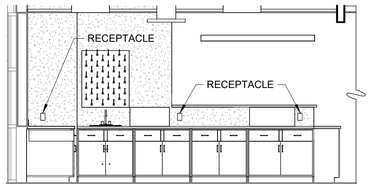
SECTION E
1/4" = 1'-0" E8004



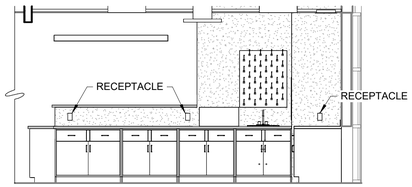
SECTION F
1/4" = 1'-0" E8004



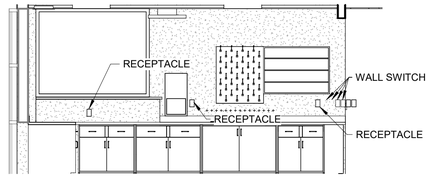
SECTION G
1/4" = 1'-0" E8004



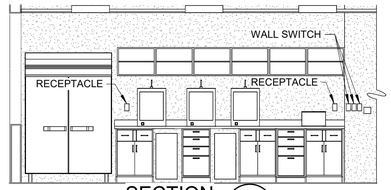
SECTION H
1/4" = 1'-0" E8004



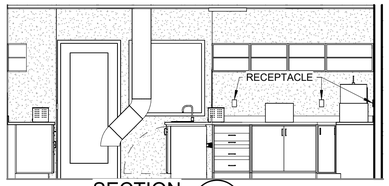
SECTION I
1/4" = 1'-0" E8004



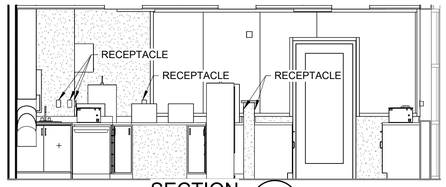
SECTION J
1/4" = 1'-0" E8004



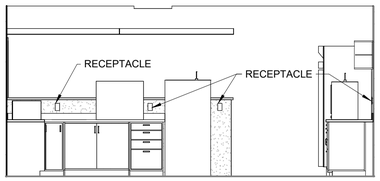
SECTION K
1/4" = 1'-0" E8004



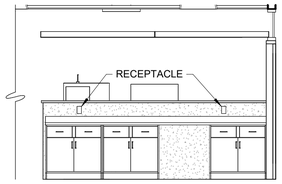
SECTION L
1/4" = 1'-0" E8004



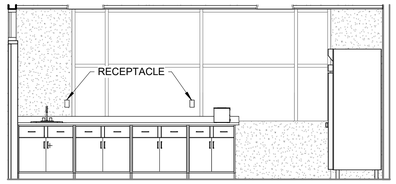
SECTION M
1/4" = 1'-0" E8004



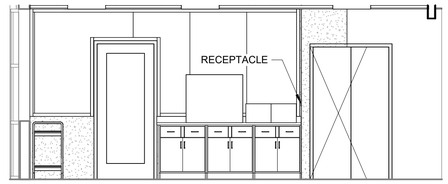
SECTION N
1/4" = 1'-0" E8004



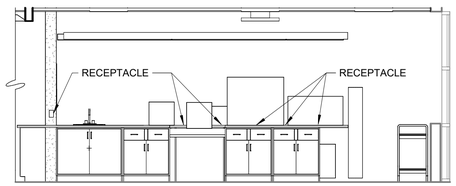
SECTION O
1/4" = 1'-0" E8004



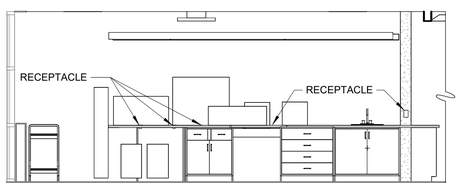
SECTION P
1/4" = 1'-0" E8004



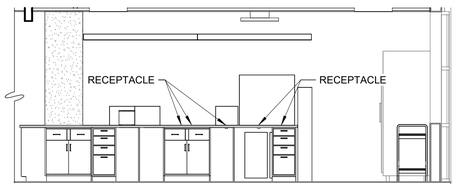
SECTION Q
1/4" = 1'-0" E8004



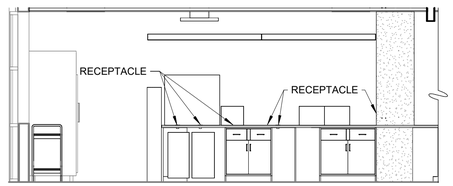
SECTION R
1/4" = 1'-0" E8004



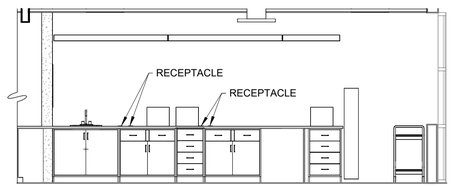
SECTION S
1/4" = 1'-0" E8004



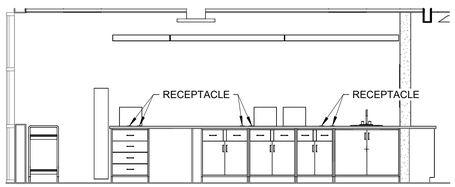
SECTION T
1/4" = 1'-0" E8004



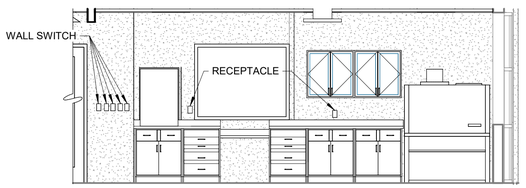
SECTION U
1/4" = 1'-0" E8004



SECTION V
1/4" = 1'-0" E8004



SECTION W
1/4" = 1'-0" E8004



SECTION X
1/4" = 1'-0" E8004

100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. CHAVEZ
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

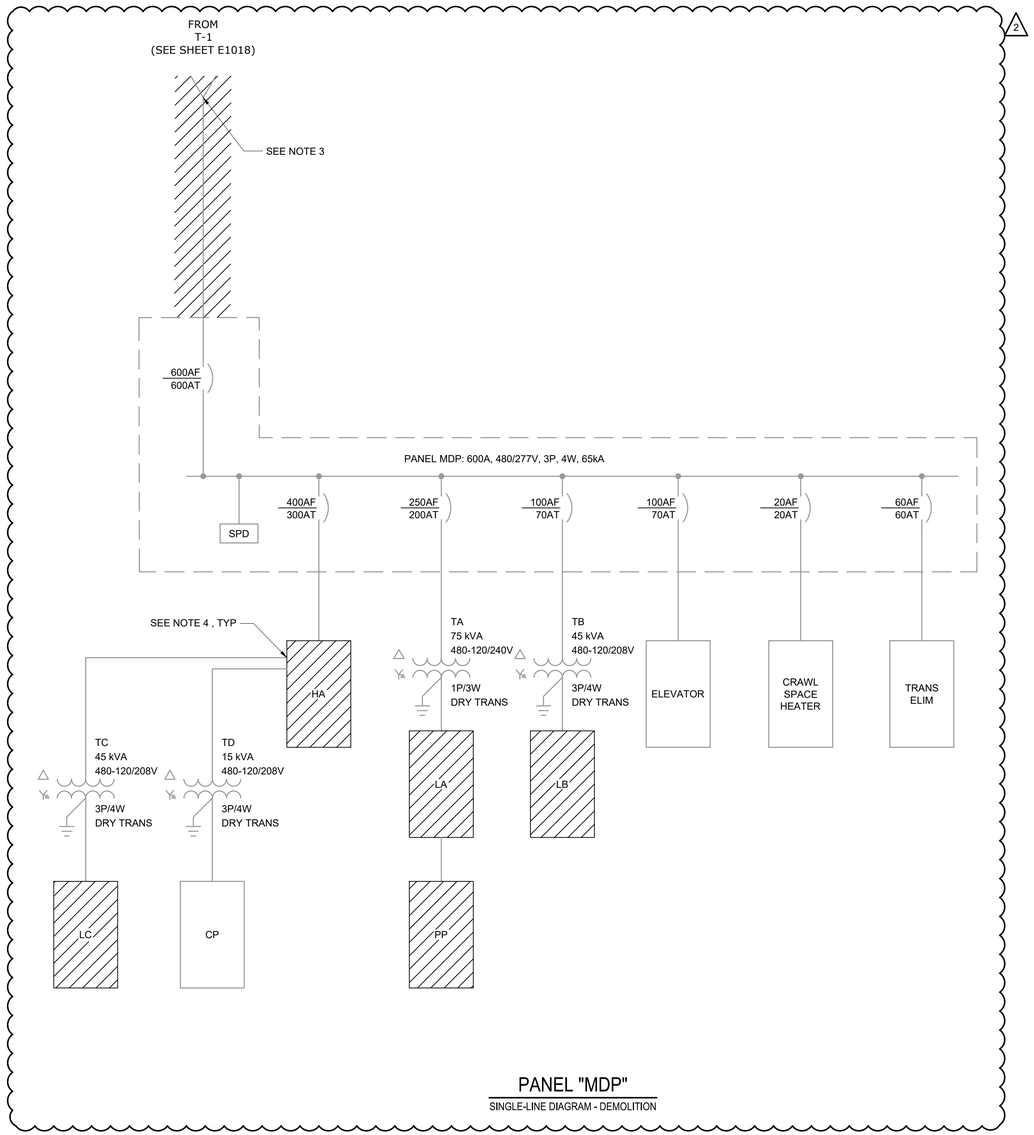
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL
AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE #4

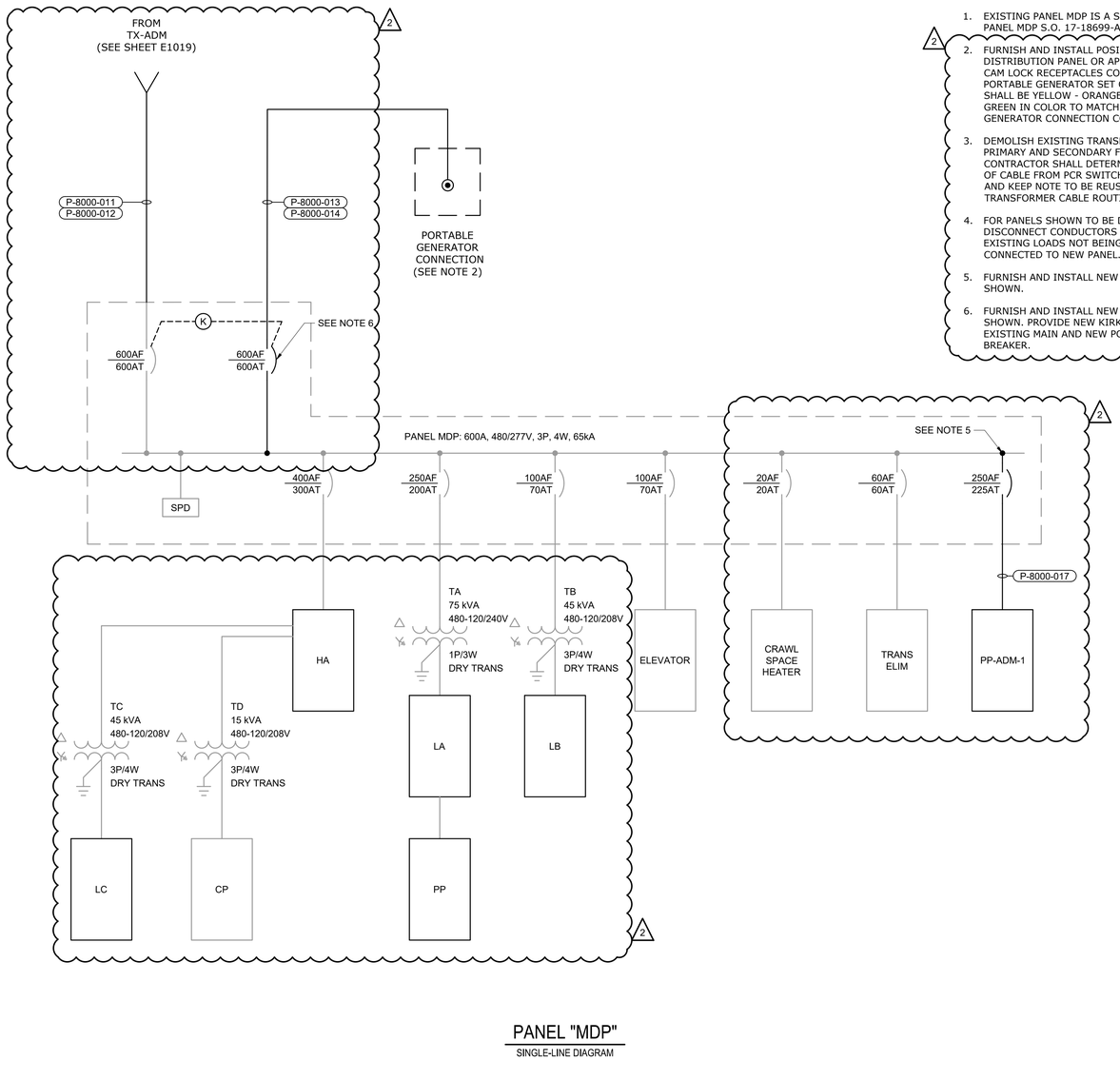
ADMINISTRATION BUILDING
ELECTRICAL
INTERIOR ELEVATIONS - SECOND FLOOR

DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	1 E8007B

Autodesk Docs://60711-001_Wilson_WTP_Rehab_Filter_Basin/60711-003-8000-AB-ELEC.rvt
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PANEL "MDP"
SINGLE-LINE DIAGRAM - DEMOLITION



PANEL "MDP"
SINGLE-LINE DIAGRAM

NOTES:

2

1. EXISTING PANEL MDP IS A SIEMENS TYPE S4. THE PANEL MDP S.O. 17-18699-A00.
2. FURNISH AND INSTALL POSI-MAX POWER DISTRIBUTION PANEL OR APPROVED EQUAL. PROVIDE CAM LOCK RECEPTACLES COMPATIBLE WITH OWNER'S PORTABLE GENERATOR SET CABLES. RECEPTACLES SHALL BE YELLOW - ORANGE - BROWN - GRAY - GREEN IN COLOR TO MATCH OWNER'S EXISTING GENERATOR CONNECTION COLOR CONVENTION.
3. DEMOLISH EXISTING TRANSFORMER T-1. REMOVE PRIMARY AND SECONDARY FEED CABLES. CONTRACTOR SHALL DETERMINE EXISTING ROUTING OF CABLE FROM PCR SWITCHGEAR TO TRANSFORMER, AND KEEP NOTE TO BE REUSED FOR NEW TRANSFORMER CABLE ROUTING.
4. FOR PANELS SHOWN TO BE DEMOLISHED, DISCONNECT CONDUCTORS AND PROTECT FOR REUSE. EXISTING LOADS NOT BEING DEMOLISHED SHALL BE CONNECTED TO NEW PANEL.
5. FURNISH AND INSTALL NEW CIRCUIT BREAKER AS SHOWN.
6. FURNISH AND INSTALL NEW CIRCUIT BREAKER AS SHOWN. PROVIDE NEW KIRK KEY INTERLOCK FOR EXISTING MAIN AND NEW PORTABLE GENERATOR BREAKER.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
PANEL MDP SINGLE LINE DIAGRAM - DEMOLITION AND PROPOSED

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8008

File: C:_DCACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E8008 Saved by SREXHEPI Save date: 6/29/2026 4:58 PM
PLOT DATE: 7/6/2026 4:50 PM BY: SREXHEPI

480/277 VOLTS
3 PHASE, 4 WIRE

PANEL HA
MAIN LUGS ONLY
400A BUS

TYPE: NEMA 1
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	SPARE		20	1	1	-			-			2	1	20		SPARE	LFD
LFD	SPARE		20	1	3		-			-		4	1	20	-	SPARE	LFD
LFD	SPARE		20	1	5			-			-	6	1	20	-	SPARE	LFD
LFD	SPARE		20	1	7	-			300			8					
LFD	HTR VESIBULE - EAST	-	20	1	9					300		10	3	20	SEE NOTE 2	LAB (8042) - FUME HOOD RECP	LFD
LFD	HTR VESIBULE	-	20	1	11						300	12					
LFD	EDH-1	-	25	3	13	-			-			14					
					15		-			-		16	3	25		EDH-3	LFD
					17			-			-	18					
LFD	EDH-2	-	25	3	19	-			6,900			20					
					21		-			6,900		22	3	45	P-8000-030	AHU-8003	LFD
					23			-			6,900	24					
LFD	AHU-8001	P-8000-028	20	3	25	3,100			2,000			26					
					27		3,100			2,000		28	3	15	P-8000-031	ERV-8001	LFD
					29			3,100			2,000	30					
LFD	AHU-8002	P-8000-029	15	3	31	2,500			2,000			32					
					33		2,500			2,000		34	3	15	P-8000-032	ERV-8002	LFD
					35			2,500			2,000	36					
LFD	TRANSFORMER TD	-	25	3	37	-			10,730			38					
					39		-			9,170		40	3	70	-	TRANSFORMER TC	LFD
					41			-			8,760	42					

SEE NOTE 3, TYP

TOTAL	5,600	5,600	5,600
PHASE TOTAL			
	27,530	25,970	25,560

21,930	20,370	19,960	TOTAL
TOTAL LOAD (VA)			
79,060			
TOTAL LOAD (A)			
95			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
42kAIC
100kA SPD

120/208 VOLTS
3 PHASE, 4 WIRE

PANEL LC
MAIN BREAKER
150A 3P

TYPE: NEMA 1
MOUNT: SURFACE

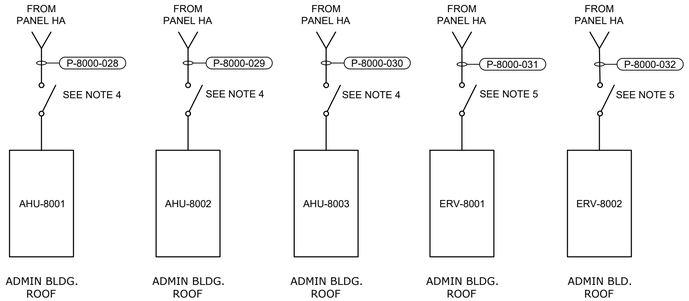
MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	LAB (8085) - LTG	SEE NOTE 2	20	1	1	450			450			2	1	20	SEE NOTE 2	CORIDOR 3 & 4 - LTG	LFD
LFD	TECH OFFICE & STORAGE - LTG	SEE NOTE 2	20	1	3		200			300		4	1	20	SEE NOTE 2	MICRO LAB - LTG	LFD
LFD	UNISEX/MOTHER'S ROOM - LTG	SEE NOTE 2	20	1	5			100			500	6	1	20	SEE NOTE 2	LABS (8084 & 8085) - LTG	LFD
LFD	LOBBY AREA - LTG	SEE NOTE 2	20	1	7	400			150			8	1	20	SEE NOTE 2	STORAGE/JAN - LTG	LFD
LFD	LAB (8042) - RECP	SEE NOTE 2	20	1	9		1,440			250		10	1	20	SEE NOTE 2	WORKSTATIONS & OFFICES - LTG	LFD
LFD	LAB (8042) - RECP	SEE NOTE 2	20	1	11			1,440			1,260	12	1	20	SEE NOTE 2	TECH OFFICE - RECP	LFD
LFD	LAB (8042) - RECP	SEE NOTE 2	20	1	13	1,440			1,260			14	1	20	SEE NOTE 2	UTILITY/UNISEX/WELLNESS - RECP	LFD
LFD	LAB (8042) ISLAND - RECP	SEE NOTE 2	20	1	15		1,440			-		16	1	20	-	ELEVATION LTG/FAN	LFD
LFD	SPARE		20	1	17						-	18	1	20	-	ELEVATION LTG/FAN	LFD
LFD	LAB (8042) FREEZER - RECP	SEE NOTE 2	20	1	19	500			540			20	1	20	SEE NOTE 2	STORAGE/JAN - RECP	LFD
LFD	CORRIDOR 3&4 - RECP	SEE NOTE 2	20	1	21		900			-		22	1	30	-	EF-04 ON ROOF	LFD
LFD	CORRIDOR 4 REFRIGERATOR - RECP	SEE NOTE 2	20	1	23			500			-	24	1	30	-	EF-07 ON ROOF	LFD
LFD	MICRO LAB - RECP	SEE NOTE 2	20	1	25	1,440			1,080			26	1	30	SEE NOTE 2	WORKSTATIONS - RECP	LFD
LFD	MICRO LAB - RECP	SEE NOTE 2	20	1	27		1,440			1,260		28	1	20	SEE NOTE 2	CC OFFICE & OFFICE - RECP	LFD
LFD	MICRO LAB - RECP	SEE NOTE 2	20	1	29			1,080			1,440	30	1	20	SEE NOTE 2	LAB (8045) ISLAND - RECP	LFD
LFD	LAB (8044) - RECP	SEE NOTE 2	20	1	31	1,080			1,440			32	1	20	SEE NOTE 2	IAB (8045) ISLAND - RECP	LFD
LFD	LAB (8044) ISLAND - RECP	SEE NOTE 2	20	1	33		1,440			-		34	1	20	-	SETTLED-PILOT PLANT	LFD
LFD	LAB (8044 & 8045) ISLAND - RECP	SEE NOTE 2	20	1	35			1,440			-	36	1	20	-	RAW WATER PUMP 1	LFD
LFD	RCP-8001	P-8000-004	20	1	37	500			-			38	1	20	-	RAW WATER PUMP 2	LFD
LFD	RCP-8002	P-8000-005	20	1	39		500			-		40	1	20	-	PILOT PLANT PUMP 1	LFD
LFD	ESEW-8001	P-8000-006	20	1	41			1,000			-	42	1	20	-	PILOT PLANT PUMP 2	LFD

TOTAL	5,810	7,360	5,560
PHASE TOTAL			
	10,730	9,170	8,760

4,920	1,810	3,200	TOTAL
TOTAL LOAD (VA)			
28,660			
TOTAL LOAD (A)			
119			

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD



NOTES:

1. NSSC SERIES MANUAL MOTOR STARTING SWITCH WITHOUT OVERLOAD PROTECTION AS SPECIFIED PER SECTION 26 27 26, UNLESS OTHERWISE NOTED.
2. LIGHTING AND RECEPTACLE CIRCUITS SHALL UTILIZE 2#12, #12GND IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
3. EXISTING CONDUCTORS AND CONDUIT TO BE REUSED TO POWER EXISTING EQUIPMENT. RECONNECT EXISTING CONDUCTORS TO NEW PANEL AS SHOWN.
4. DISCONNECT MEANS TO BE FURNISHED WITH AHU PACKAGE.
5. DISCONNECT MEANS TO BE FURNISHED WITH ERV PACKAGE.

2

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
PANEL SCHEDULES AND RISER DIAGRAMS I

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E8009

File: C:_DC\ACCDOCS\HAZEN AND SAWYER\60711-001 _WILSON_WTP_REHAB_ FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E8009 Saved by SREXHEPI Save date: 7/8/2026 4:52 PM
PLOT DATE: 7/6/2026 8:00 PM BY: SREXHEPI

240/120 VOLTS
1 PHASE, 3 WIRE

PANEL LA
MAIN BREAKER
400A 2P

TYPE: NEMA 1
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES A	VOLT-AMPERES B	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	MICRO LAB REFRIGERATOR - RECP	SEE NOTE 2	20	1	1	500		500		2	1	20	SEE NOTE 2	MICRO LAB INCUBATOR 1 - RECP	LFD
LFD	MICRO LAB INCUBATOR AND UPS	SEE NOTE 2	20	1	3		1,500		500	4	1	20	SEE NOTE 2	MICRO LAB INCUBATOR 2 - RECP	LFD
LFD	MICRO LAB DISHWASHER - RECP	SEE NOTE 2	20	1	5	500		500		6	1	20	SEE NOTE 2	MICRO LAB INCUBATOR 3 - RECP	LFD
LFD	SPARE		20	1	7		500		1,000	8	2	20	SEE NOTE 2	LAB (8044) UPS - RECP	LFD
LFD	MICRO LAB AUTOCLAVE - RECP	P-8000-043	60	2	9	3,000		1,000		10					
					11		3,000		800	12	2	100	-	PANEL PP	LFD
LFD	LAB (8044) ICPMS - RECP	SEE NOTE 2	20	1	13	3,200		900		14					
LFD	SPARE		20	1	15		3,200		500	16	1		SEE NOTE 2	LAB (8044) REFRIGERATOR - RECP	LFD
LFD	LAB (8044) GCMS - RECP	P-8000-045	40	2	17	3,200		500		18	1		SEE NOTE 2	LAB (8045) REFRIGERATOR - RECP	LFD
					19		3,200		500	20	1		SEE NOTE 2	LAB (8045) PASS-THRU REFRI. - RECP	LFD
LFD	LAB (8045) BIOSAFETY HOOD - RECP	SEE NOTE 2	20	1	21	500		360		22	1	20	SEE NOTE 2	CORRIDOR 3 WATER COOLER - RECP	LFD
LFD	LAB (8044) AUTO SAMPLER - RECP	SEE NOTE 2	20	1	23		500		100	24	1	20	SEE NOTE 2	CORRIDOR 4 EYEWASH - RECP	LFD
LFD	SPARE		20	1	25	-				26	1	20		SPARE	LFD
LFD	CHLORINE CONTACT SAMPLE PUMP No. 1	P-8000-001	20	2	27		700		700	28	2	20	P-800-002	CHLORINE CONTACT SAMPLE PUMP No. 2	LFD
					29	700		700		30					
LFD	LAB (8044) ANALYZER - RECP	SEE NOTE 2	20	2	31		2,000		1,000	32	2	20	SEE NOTE 2	LAB (8045) UPS - RECP	LFD
					33	2,000		1,000		34					
LFD	SPARE		20	1	35		-		-	36	1	20	-	SPARE	LFD
LFD	SPARE		20	1	37	-		-		38	1	20	-	SPARE	LFD
LFD	ACC-8006	P-8000-090	50	2	39		4,500		-	40	1	20	-	SPARE	LFD
					41	4,500		250		42	1	20	P-8000-033	EF-8001	LFD
LFD	ACC-8001	P-8000-063	20	2	43		1,700		250	44	1	20	P-8000-034	EF-8002	LFD
					45	1,700		200		46	1	20	P-8000-035	EF-8003	LFD
LFD	ACC-8002	P-8000-065	30	2	47		2,300		4,500	48	2	50	P-8000-069	ACC-8004	LFD
					49	2,300		4,500		50					
LFD	ACC-8003	P-8000-067	30	2	51		2,300		4,500	52	2	50	P-8000-080	ACC-8005	LFD
					53	2,300		4,500		54					

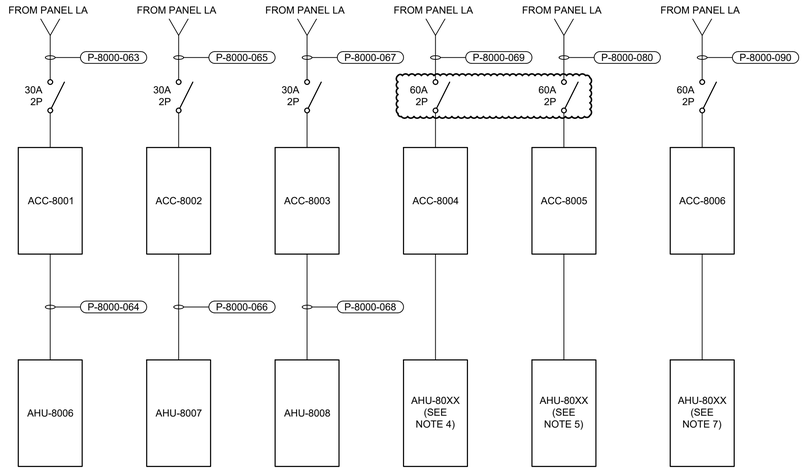
TOTAL	24,400	25,400
	PHASE TOTAL	
	39,310	39,750

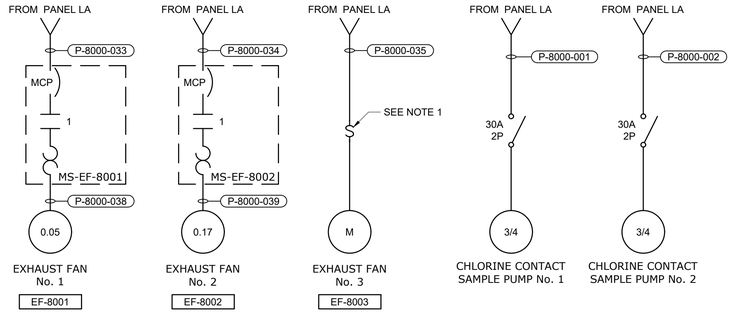
14,910	14,350	TOTAL
TOTAL LOAD (VA)		
79,060		
TOTAL LOAD (A)		
329.4166667		

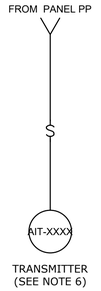
MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
22kAIC
100kA SPD

SEE NOTE 3, TYP







NOTES:

1. NSSC SERIES MANUAL MOTOR STARTING SWITCH WITHOUT OVERLOAD PROTECTION AS SPECIFIED PER SECTION 26 27 26, UNLESS OTHERWISE NOTED.
2. LIGHTING AND RECEPTACLE CIRCUITS SHALL UTILIZE 2#12, #12GND IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
3. EXISTING CONDUCTORS AND CONDUIT TO BE REUSED TO POWER EXISTING EQUIPMENT. RECONNECT EXISTING CONDUCTORS TO NEW PANEL AS SHOWN.
4. RISER FED FROM ACC-8004 IS TYPICAL FOR AHU-8037, AHU-8038, AND AHU-8009 THROUGH AHU-8017.
5. RISER FED FROM ACC-8005 IS TYPICAL FOR AHU-8018 THROUGH AHU-8022 AND AHU-8024 THROUGH AHU-8026.
6. RISER IS TYPICAL FOR ALL TRANSMITTERS.
7. RISER FED FROM ACC-8006 IS TYPICAL FOR AHU-8023 AND AHU-8027 THROUGH AHU-8036.

120/240 VOLTS
1 PHASE, 3 WIRE

PANEL PP
MAIN LUGS ONLY
100 BUS

TYPE: NEMA 1
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES A	VOLT-AMPERES B	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	PUMP IN INF TANK		20	1	1	-		-		2	1	20		SPARE	LFD
LFD	CHEMICAL PUMPS		20	1	3		-		-	4	1	20		EAST FLOCCULATOR	LFD
LFD	WEST FLOCULATOR		20	1	5	-		-		6	1	20		PUMP EFF TANK/TEMP/MTR	LFD
LFD	PH/TURBIDITY MTR.IPS		20	1	7		-		-	8	1	20		CHEMICAL PUMPS/MIXERS	LFD
LFD	AIT-2051	P-8000-046	20	1	9	100		-		10	1	20		CHEMICAL PUMPS/MIXERS	LFD
LFD	METERS RADIO MIXER		20	1	11		-		100	12	1	20	P-8000-056	AIT-3071	LFD
LFD	AIT-2052	P-8000-047	20	1	13	100		100		14	1	20	P-8000-057	AIT-3072	LFD
LFD	AIT-2120	P-8000-048	20	1	15		100		100	16	1	20	P-8000-058	AIT-3073	LFD
LFD	AIT-2130	P-8000-049	20	1	17	100		100		18	1	20	P-8000-059	AIT-3074	LFD
LFD	AIT-2220	P-8000-050	20	1	19		100		100	20	1	20	P-8000-060	AIT-3075	LFD
LFD	AIT-2230	P-8000-051	20	1	21	100		100		22	1	20	P-8000-061	AIT-3077	LFD
LFD	AIT-2320	P-8000-052	20	1	23		100		100	24	1	20	P-8000-062	AIT-3079	LFD
LFD	AIT-2330	P-8000-053	20	1	25	100		-		26	1	20		SPARE	LFD
LFD	AIT-2420	P-8000-054	20	1	27		100		-	28	1	20		SPARE	LFD
LFD	AIT-2430	P-8000-055	20	1	29	100		-		30	1	20		SPARE	LFD

TOTAL	600	400
	PHASE TOTAL	
	900	800

300	400	TOTAL
TOTAL LOAD (VA)		
1,700		
TOTAL LOAD (A)		
7		

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD

3

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 1	12-17-24	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
PANEL SCHEDULES AND RISER DIAGRAMS
II

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E8010

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PLOT DATE: 7/6/2026 4:54 PM BY: SREXHEPI

480 VOLTS
3 PHASE, 3 WIRE

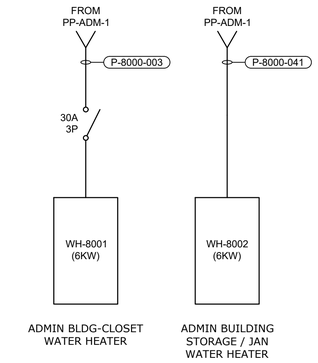
PP-ADM-1
MAIN BREAKER
225A 3P ETU

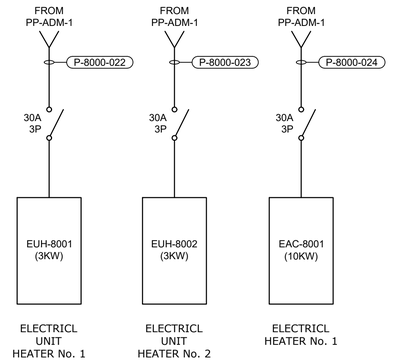
TYPE: NEMA 1
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	WH-8001	P-8000-003	20	3	1	2,000			-			2					
					3		2,000			-		4	3	20	-	SPARE	LFD
					5			2,000			-	6					
LFD	SPARE	-	20	3	7	-			1,000			8					
					9		-			1,000		10	3	20	P-8000-022	EUH-8001	LFD
					11			-			1,000	12					
LFD	EUH-8002	P-8000-023	20	3	13	1,000			3,300			14					
					15		1,000			3,300		16	3	20	P-8000-024	EAC-8001	LFD
					17			1,000			3,300	18					
LFD	WH-8002	P-8000-041	20	3	19	2,000			-			20					
					21		2,000			-		22	3	20	-	SPARE	LFD
					23			2,000			-	24					
LFD	SPARE	-	20	3	25	-			-			26					
					27		-			-		28	3	20	-	SPARE	LFD
					29			-			-	30					
LFD	SPARE	-	20	3	31	-			-			32					
					33		-			-		34	3	20	-	SPARE	LFD
					35			-			-	36					
LFD	SPARE	-	20	3	37	-						38					
					39		-					40	3	20	-	SPARE	LFD
					41			-				42					
					TOTAL	5,000	5,000	5,000	4,300	4,300	4,300	TOTAL					
						PHASE TOTAL			TOTAL LOAD (VA)								
						9,300	9,300	9,300	27,900								
									TOTAL LOAD (A)								
									34								

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE
ETU - ELECTRONIC TRIP UNIT

NOTES:
42kAIC
100kA SPD





120/208 VOLTS
3 PHASE, 4 WIRE

PANEL LB
MAIN BREAKER
150A 3P

TYPE: NEMA 1
MOUNT: SURFACE

MODS	DESCRIPTION	WIRE	TRIP	POLE	CKT No.	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	VOLT-AMPERES A	VOLT-AMPERES B	VOLT-AMPERES C	CKT No.	POLE	TRIP	WIRE	DESCRIPTION	MODS
LFD	WOMENS LOCKER - LTG	SEE NOTE 2	20	1	1	200			550			2	1	20	SEE NOTE 2	CORRIDOR 1 & 2/ ENTRY VEST - LTG	LFD
LFD	MENS LOCKER - LTG	SEE NOTE 2	20	1	3		200			500		4	1	20	SEE NOTE 2	OFFICES - LTG	LFD
LFD	CONTROL RM - LTG	SEE NOTE 2	20	1	5			250			250	6	1	20	SEE NOTE 2	DAY LAB - LTG	LFD
LFD	SERVICE & STOCK RM/ ELEV - LTG	SEE NOTE 2	20	1	7	250			350			8	1	20	SEE NOTE 2	OUTSIDE - LTG	LFD
LFD	SERVICE & STOCK RM/ ELEV - RECP	SEE NOTE 2	20	1	9		720			100		10	1	20	SEE NOTE 2	RESTROOM & BREAKROOM-LTG	LFD
LFD	STAIR 1 & 2 - LTG	SEE NOTE 2	20	1	11			450			720	12	1	20	SEE NOTE 2	MEN & WOMEN'S LOCKER - RECP	LFD
LFD	SUMP/PUMP ELEVATOR SHAFT	SEE NOTE 2	20	1	13	-			900			14	1	20	SEE NOTE 2	CONTROL ROOM - RECP	LFD
LFD	OFFICE 1&2 - RECP	SEE NOTE 2	20	1	15		1,260			500		16	1	20	SEE NOTE 2	BREAK RM REFRIGERATOR - RECP	LFD
LFD	OFFICE 3 - RECP	SEE NOTE 2	20	1	17			900			500	18	1	20	SEE NOTE 2	BREAK RM ICE MAKER - RECP	LFD
LFD	OFFICE 4&5 - RECP	SEE NOTE 2	20	1	19	1,260			500			20	1	20	SEE NOTE 2	BREAK RM MICROWAVE - RECP	LFD
LFD	DAY LAB - RECP	SEE NOTE 2	20	1	21		720			900		22	1	20	SEE NOTE 2	RESTROOM & BREAKROOM - RECP	LFD
LFD	CORRIDOR 1&2/ STAIR 1&2 - RECP	SEE NOTE 2	20	1	23			1,440			100	24	1	20	P-8000-007	T-8014	LFD
LFD	LOBBY AREA - RECP	SEE NOTE 2	20	1	25	900			1,080			26	1	20	SEE NOTE 2	CONTROL ROOM - FLOOR RECP	LFD
LFD	SPARE	-	20	1	27		-			-		28	1	20	-	SPARE	LFD
LFD	SPARE	-	20	1	29			-			-	30	2	20	-	PARKING LOT LIGHTS	LFD
LFD	SPARE	-	20	1	31	-			-			32					LFD
LFD	SPARE	-	20	1	33		-			-		34	1	20	-	SPARE	LFD
LFD	SPARE	-	20	1	35			-			700	36	1	20	-	TRACK LTS & COMP GAS RM - LTG	LFD
LFD	SPARE	-	20	1	37	-			-			38	1	20	-	SPARE	LFD
LFD	TELEPHONE EQUIPMENT	-	20	1	39		-			-		40	1	20	-	TIME CLOCK/FIRE ALARM PN1	LFD
LFD	SPARE	-	20	1	41			-			-	42	1	20	-	WALKWAY LIGHTS	LFD
					TOTAL	2,610	2,900	3,040	3,380	2,000	2,270	TOTAL					
						PHASE TOTAL			TOTAL LOAD (VA)								
						5,990	4,900	5,310	16,200								
									TOTAL LOAD (A)								
									68								

MODIFICATION (MODS) LEGEND:
EPD - GROUND FAULT CIRCUIT INTERRUPTER (30mA)
GFCI - GROUND FAULT CIRCUIT INTERRUPTER (5mA)
LOD - LOCK-ON DEVICE
LFD - LOCK-OFF DEVICE

NOTES:
10kAIC
100kA SPD

2

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. REXHEPI
DRAWN BY: S. REXHEPI
PROJECT ENGINEER: B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

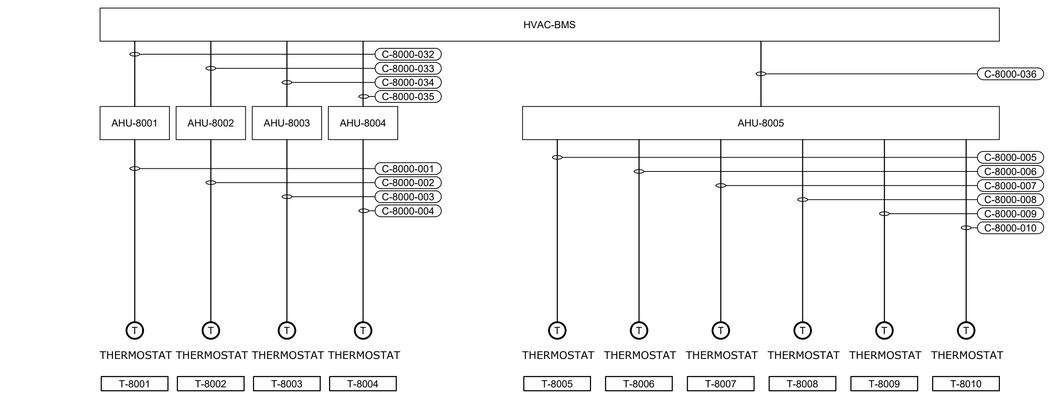
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

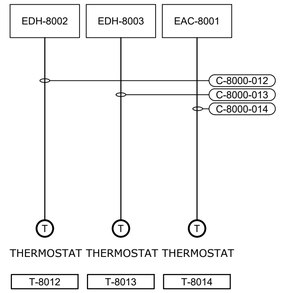
JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

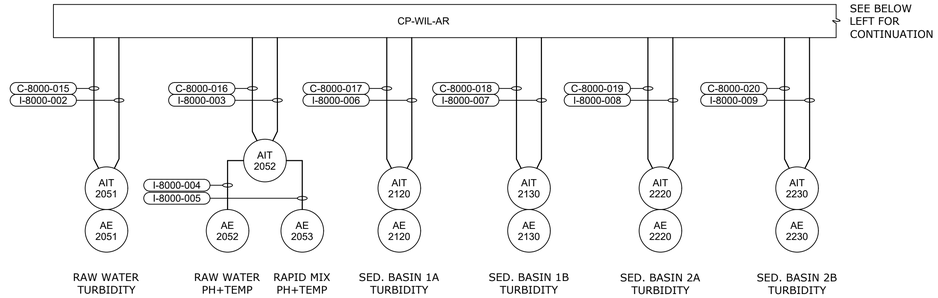
ADMINISTRATION BUILDING
ELECTRICAL
PANEL SCHEDULES AND RISER DIAGRAMS III

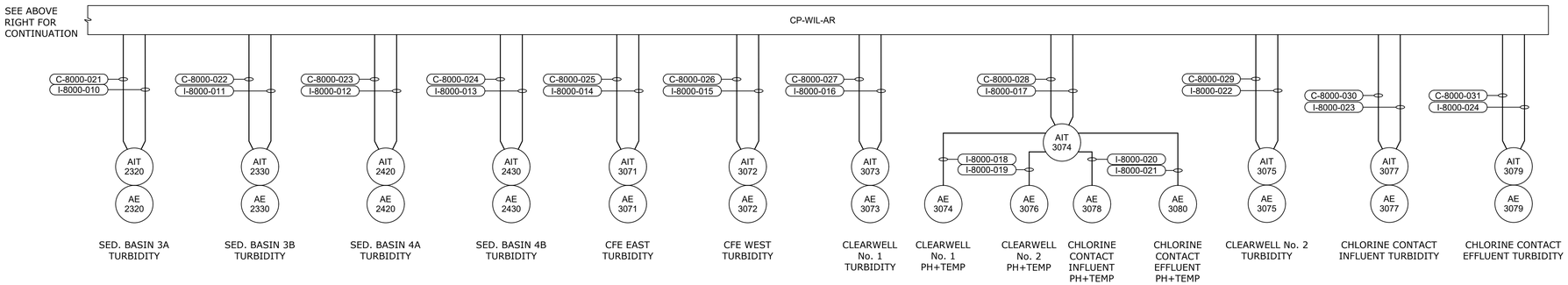
DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E8011

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PLOT DATE: 7/6/2026 4:55 PM BY: SREXHEPI









100% SUBMITTAL. DO NOT USE FOR CONSTRUCTION

REV	ISSUED FOR	DATE	BY
1	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

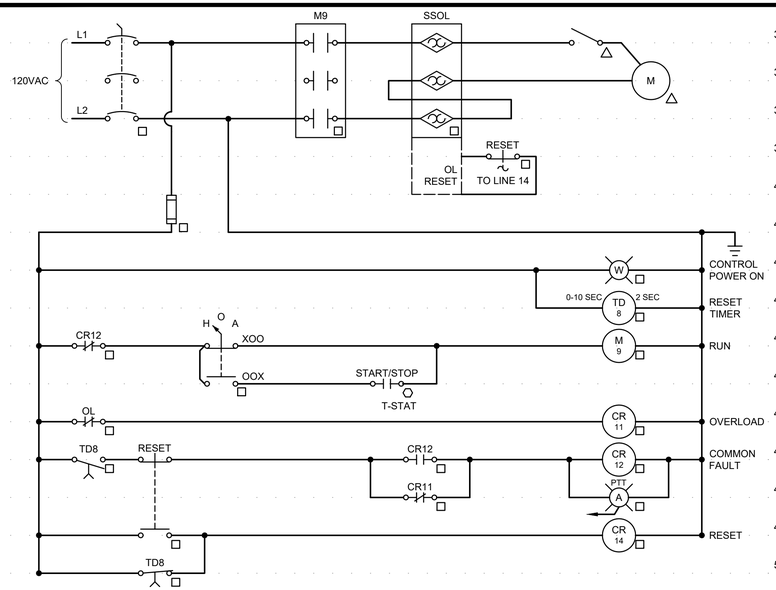
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT
OWNER CONTINGENCY EXPENDITURE No. 4

ADMINISTRATION BUILDING
ELECTRICAL
CONTROL BLOCK DIAGRAMS

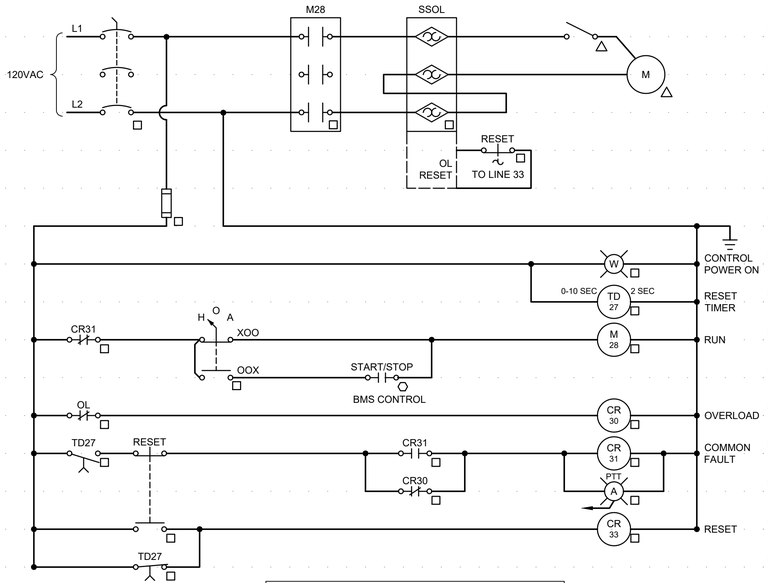
DATE:	JULY 2026
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8011A

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PLOT DATE: 7/6/2026 4:56 PM BY: SREXHEPI



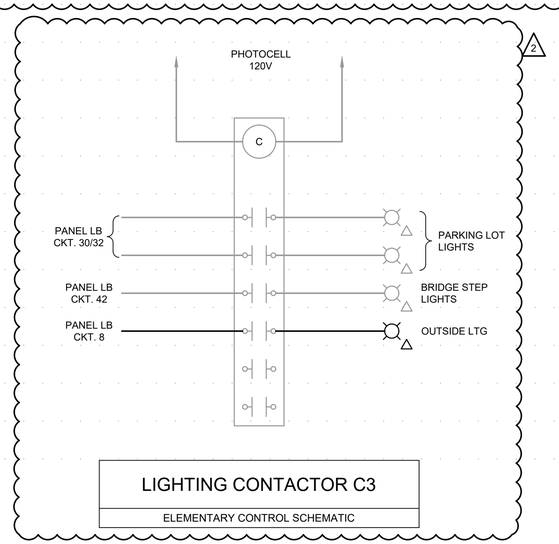
EXHAUST FAN (EF-8001)

ELEMENTARY CONTROL SCHEMATIC



EXHAUST FAN (EF-8002)

ELEMENTARY CONTROL SCHEMATIC



LIGHTING CONTACTOR C3

ELEMENTARY CONTROL SCHEMATIC

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
1	CONFORMED DRAWINGS	03-13-25	BDB

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

Hazen

HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
ELEMENTARY CONTROL SCHEMATICS

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	E8012

File: C:_DOCACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E8012 Saved by SREXHEPI Save date: 7/1/2026 1:17 PM
PLOT DATE: 7/6/2026 4:57 PM BY: SREXHEPI

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
P-8000-001	1"	PANEL LA	CHLORINE CONTACT SAMPLE PUMP No.1	2#12, #12GND	VIA DSW
P-8000-002	1"	PANEL LA	CHLORINE CONTACT SAMPLE PUMP No.2	2#12, #12GND	VIA DSW
P-8000-003	1"	PP-ADM-1	WH-8001	3#12, #12GND	VIA DSW
P-8000-004	3/4"	PANEL "LC"	RCP-8001	2#12, #12GND	
P-8000-005	3/4"	PANEL "LC"	RCP-8002	2#12, #12GND	
P-8000-006	3/4"	PANEL "LC"	ESEW-8001	2#12, #12GND	
P-8000-007	3/4"	PANEL "LB"	T-8014	2#12, #12GND	
P-8000-008					
P-8000-009					
P-8000-010	3"	PCR SWITCHGEAR	TX-ADM	3#1/0, #3GND	
P-8000-011	3-1/2"	TX-ADM	PANEL MDP	4#350 Kcmil, #1/0GND	
P-8000-012	3-1/2"	TX-ADM	PANEL MDP	4#350 Kcmil, #1/0GND	
P-8000-013	3-1/2"	PORTABLE GENERATOR CONNECTION	PANEL MDP	4#350 Kcmil, #1/0GND	
P-8000-014	3-1/2"	PORTABLE GENERATOR CONNECTION	PANEL MDP	4#350 Kcmil, #1/0GND	
P-8000-015	-	-	-	NOT USED	
P-8000-016	-	-	-	NOT USED	
P-8000-017	3"	PANEL MDP	PP-ADM-1	3#250Kcmil, #4GND	
P-8000-018	-	-	-	NOT USED	
P-8000-019	-	-	-	NOT USED	
P-8000-020	-	-	-	NOT USED	
P-8000-021	-	-	-	NOT USED	
P-8000-022	3/4"	PP-ADM-1	EUH-8001	3#12, #12GND	VIA DSW
P-8000-023	3/4"	PP-ADM-1	EUH-8002	3#12, #12GND	VIA DSW
P-8000-024	3/4"	PP-ADM-1	EAC-8001	3#12, #12GND	VIA DSW
P-8000-025	-	-	-	NOT USED	
P-8000-026	-	-	-	NOT USED	
P-8000-027	-	-	-	NOT USED	
P-8000-028	3/4"	PANEL"HA"	AHU-8001	3#12, #12GND	
P-8000-029	3/4"	PANEL"HA"	AHU-8002	3#12, #12GND	
P-8000-030	3/4"	PANEL"HA"	AHU-8003	3#6, #10GND	
P-8000-031	3/4"	PANEL"HA"	ERV-8001	3#12, #12GND	
P-8000-032	3/4"	PANEL"HA"	ERV-8002	3#12, #12GND	
P-8000-033	3/4"	PANEL "LA"	MS-EF-8001	2#12, #12GND	
P-8000-034	3/4"	PANEL "LA"	MS-EF-8002	2#12, #12GND	
P-8000-035	3/4"	PANEL "LA"	EF-8003	2#12, #12GND	
P-8000-036	-	-	-	NOT USED	
P-8000-037	-	-	-	NOT USED	
P-8000-038	3/4"	MS-EF-8001	EF-8001	2#12, #12GND	
P-8000-039	3/4"	MS-EF-8002	EF-8002	2#12, #12GND	
P-8000-040	3/4"	PANEL LC	EX-04	2#12, #12GND	
P-8000-041	3/4"	PANEL LC	EF-07	2#12, #12GND	
P-8000-042	-	-	-	NOT USED	
P-8000-043	1"	PANEL LA	MICRO LAB AUTOCLAVE - RECP	2#4, #8GND	
P-8000-044	-	-	-	NOT USED	
P-8000-045	3/4"	PANEL LA	LAB (8044) GCMS - RECP	2#8, #10GND	
P-8000-046	3/4"	PANEL PP	AIT-2051	2#12, #12GND	
P-8000-047	3/4"	PANEL PP	AIT-2052	2#12, #12GND	
P-8000-048	3/4"	PANEL PP	AIT-2120	2#12, #12GND	
P-8000-049	3/4"	PANEL PP	AIT-2130	2#12, #12GND	
P-8000-050	3/4"	PANEL PP	AIT-2220	2#12, #12GND	
P-8000-051	3/4"	PANEL PP	AIT-2230	2#12, #12GND	
P-8000-052	3/4"	PANEL PP	AIT-2320	2#12, #12GND	
P-8000-053	3/4"	PANEL PP	AIT-2330	2#12, #12GND	
P-8000-054	3/4"	PANEL PP	AIT-2420	2#12, #12GND	
P-8000-055	3/4"	PANEL PP	AIT-2430	2#12, #12GND	
P-8000-056	3/4"	PANEL PP	AIT-3071	2#12, #12GND	
P-8000-057	3/4"	PANEL PP	AIT-3072	2#12, #12GND	
P-8000-058	3/4"	PANEL PP	AIT-3073	2#12, #12GND	
P-8000-059	3/4"	PANEL PP	AIT-3074	2#12, #12GND	
P-8000-060	3/4"	PANEL PP	AIT-3075	2#12, #12GND	
P-8000-061	3/4"	PANEL PP	AIT-3077	2#12, #12GND	
P-8000-062	3/4"	PANEL PP	AIT-3079	2#12, #12GND	
P-8000-063	3/4"	PANEL LA	ACC-8001	2#12, #12GND	VIA DSW
P-8000-064	3/4"	ACC-8001	AHU-8006	2#12, #12GND	
P-8000-065	3/4"	PANEL LA	ACC-8002	2#10, #10GND	VIA DSW
P-8000-066	3/4"	ACC-8002	AHU-8007	2#10, #10GND	
P-8000-067	3/4"	PANEL LA	ACC-8003	2#10, #10GND	VIA DSW
P-8000-068	3/4"	ACC-8003	AHU-8008	2#10, #10GND	
P-8000-069	3/4"	PANEL LA	ACC-8004	2#6, #10GND	VIA DSW
P-8000-070	3/4"	ACC-8004	AHU-8009	2#12, #12GND	
P-8000-071	3/4"	ACC-8004	AHU-8010	2#12, #12GND	
P-8000-072	3/4"	ACC-8004	AHU-8011	2#12, #12GND	
P-8000-073	3/4"	ACC-8004	AHU-8012	2#12, #12GND	
P-8000-074	3/4"	ACC-8004	AHU-8013	2#12, #12GND	
P-8000-075	3/4"	ACC-8004	AHU-8014	2#12, #12GND	
P-8000-076	3/4"	ACC-8004	AHU-8015	2#12, #12GND	
P-8000-077	3/4"	ACC-8004	AHU-8016	2#12, #12GND	
P-8000-078	3/4"	ACC-8004	AHU-8017	2#12, #12GND	
P-8000-079	3/4"	ACC-8005	AHU-8018	2#12, #12GND	
P-8000-080	3/4"	PANEL LA	ACC-8005	2#6, #10GND	VIA DSW

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
P-8000-081	3/4"	ACC-8005	AHU-8019	2#12, #12GND	
P-8000-082	3/4"	ACC-8005	AHU-8020	2#12, #12GND	
P-8000-083	3/4"	ACC-8005	AHU-8021	2#12, #12GND	
P-8000-084	3/4"	ACC-8005	AHU-8022	2#12, #12GND	
P-8000-085	3/4"	ACC-8006	AHU-8023	2#12, #12GND	
P-8000-086	3/4"	ACC-8005	AHU-8024	2#12, #12GND	
P-8000-087	3/4"	ACC-8005	AHU-8025	2#12, #12GND	
P-8000-088	3/4"	ACC-8005	AHU-8026	2#12, #12GND	
P-8000-089	3/4"	ACC-8006	AHU-8027	2#12, #12GND	
P-8000-090	3/4"	PANEL LA	ACC-8006	2#6, #10GND	VIA DSW
P-8000-091	3/4"	ACC-8004	AHU-8037	2#12, #12GND	
P-8000-092	3/4"	ACC-8004	AHU-8038	2#12, #12GND	
P-8000-093	3/4"	ACC-8006	AHU-8028	2#12, #12GND	
P-8000-094	3/4"	ACC-8006	AHU-8029	2#12, #12GND	
P-8000-095	3/4"	ACC-8006	AHU-8030	2#12, #12GND	
P-8000-096	3/4"	ACC-8006	AHU-8031	2#12, #12GND	
P-8000-097	3/4"	ACC-8006	AHU-8032	2#12, #12GND	
P-8000-098	3/4"	ACC-8006	AHU-8033	2#12, #12GND	
P-8000-099	3/4"	ACC-8006	AHU-8034	2#12, #12GND	
P-8000-100	3/4"	ACC-8006	AHU-8035	2#12, #12GND	
P-8000-101	3/4"	ACC-8006	AHU-8036	2#12, #12GND	

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
C-8000-001	3/4"	AHU-8001	T-8001	6#14, #14GND	
C-8000-002	3/4"	AHU-8002	T-8002	6#14, #14GND	
C-8000-003	3/4"	AHU-8003	T-8003	6#14, #14GND	
C-8000-004	3/4"	AHU-8004	T-8004	6#14, #14GND	
C-8000-005	3/4"	AHU-8005	T-8005	6#14, #14GND	
C-8000-006	3/4"	AHU-8005	T-8006	6#14, #14GND	
C-8000-007	3/4"	AHU-8005	T-8007	6#14, #14GND	
C-8000-008	3/4"	AHU-8005	T-8008	6#14, #14GND	
C-8000-009	3/4"	AHU-8005	T-8009	6#14, #14GND	
C-8000-010	3/4"	AHU-8005	T-8010	6#14, #14GND	
C-8000-011					
C-8000-012	3/4"	EDH-8002	T-8012	4#14, #14GND	
C-8000-013	3/4"	EDH-8003	T-8013	4#14, #14GND	
C-8000-014	3/4"	EAC-8001	T-8014	4#14, #14GND	
C-8000-015	3/4"	CP-WIL-AR	AIT/AE-2051	4#14, #14GND	
C-8000-016	3/4"	CP-WIL-AR	AIT-2052	4#14, #14GND	
C-8000-017	3/4"	CP-WIL-AR	AIT/AE-2120	4#14, #14GND	
C-8000-018	3/4"	CP-WIL-AR	AIT/AE-2130	4#14, #14GND	
C-8000-019	3/4"	CP-WIL-AR	AIT/AE-2220	4#14, #14GND	
C-8000-020	3/4"	CP-WIL-AR	AIT/AE-2230	4#14, #14GND	
C-8000-021	3/4"	CP-WIL-AR	AIT/AE-2320	4#14, #14GND	
C-8000-022	3/4"	CP-WIL-AR	AIT/AE-2330	4#14, #14GND	
C-8000-023	3/4"	CP-WIL-AR	AIT/AE-2420	4#14, #14GND	
C-8000-024	3/4"	CP-WIL-AR	AIT/AE-2430	4#14, #14GND	
C-8000-025	3/4"	CP-WIL-AR	AIT/AE-3071	4#14, #14GND	
C-8000-026	3/4"	CP-WIL-AR	AIT/AE-3072	4#14, #14GND	
C-8000-027	3/4"	CP-WIL-AR	AIT/AE-3073	4#14, #14GND	
C-8000-028	3/4"	CP-WIL-AR	AIT-3074	4#14, #14GND	
C-8000-029	3/4"	CP-WIL-AR	AIT/AE-3075	4#14, #14GND	
C-8000-030	3/4"	CP-WIL-AR	AIT/AE-3077	4#14, #14GND	
C-8000-031	3/4"	CP-WIL-AR	AIT/AE-3079	4#14, #14GND	
C-8000-032	3/4"	HVAC-BMS	AHU-8001	4#14, #14GND	
C-8000-033	3/4"	HVAC-BMS	AHU-8002	4#14, #14GND	
C-8000-034	3/4"	HVAC-BMS	AHU-8003	4#14, #14GND	
C-8000-035	3/4"	HVAC-BMS	AHU-8004	4#14, #14GND	
C-8000-036	3/4"	HVAC-BMS	AHU-8005	4#14, #14GND	

CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	REMARKS
I-8000-001	2"	SCADA ROOM	ANTENNA	COAX CABLE	
I-8000-002	3/4"	CP-WIL-AR	AIT/AE-2051	2/C#16TSH, #14GND	
I-8000-003	1-1/2"	CP-WIL-AR	AIT-2052	5(2/C#16TSH), #14GND	
I-8000-004	3/4"	AIT-2052	AE-2052	MAN. SUPPLIED CABLE	
I-8000-005	3/4"	AIT-2052	AE-2053	MAN. SUPPLIED CABLE	
I-8000-006	3/4"	CP-WIL-AR	AIT/AE-2120	2/C#16TSH, #14GND	
I-8000-007	3/4"	CP-WIL-AR	AIT/AE-2130	2/C#16TSH, #14GND	
I-8000-008	3/4"	CP-WIL-AR	AIT/AE-2220	2/C#16TSH, #14GND	
I-8000-009	3/4"	CP-WIL-AR	AIT/AE-2230	2/C#16TSH, #14GND	
I-8000-010	3/4"	CP-WIL-AR	AIT/AE-2320	2/C#16TSH, #14GND	
I-8000-011	3/4"	CP-WIL-AR	AIT/AE-2330	2/C#16TSH, #14GND	
I-8000-012	3/4"	CP-WIL-AR	AIT/AE-2420	2/C#16TSH, #14GND	
I-8000-013	3/4"	CP-WIL-AR	AIT/AE-2430	2/C#16TSH, #14GND	
I-8000-014	3/4"	CP-WIL-AR	AIT/AE-3071	2/C#16TSH, #14GND	
I-8000-015	3/4"	CP-WIL-AR	AIT/AE-3072	2/C#16TSH, #14GND	
I-8000-016	3/4"	CP-WIL-AR	AIT/AE-3073	2/C#16TSH, #14GND	
I-8000-017	2"	CP-WIL-AR	AIT-3074	10(2/C#16TSH), #14GND	
I-8000-018	3/4"	AIT-3074	AE-3074	MAN. SUPPLIED CABLE	
I-8000-019	3/4"	AIT-3074	AE-3076	MAN. SUPPLIED CABLE	
I-8000-020	3/4"	AIT-3074	AE-3078	MAN. SUPPLIED CABLE	
I-8000-021	3/4"	AIT-3074	AE-3080	MAN. SUPPLIED CABLE	
I-8000-022	3/4"	CP-WIL-AR	AIT/AE-3075	2/C#16TSH, #14GND	
I-8000-023	3/4"	CP-WIL-AR	AIT/AE-3077	2/C#16TSH, #14GND	
I-8000-024	3/4"	CP-WIL-AR	AIT/AE-3079	2/C#16TSH, #14GND	

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	07-07-26	BDB
2	CONFORMED DRAWINGS	03-13-25	BDB
1	ADDENDUM 6	02-04-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. REXHEPI
DRAWN BY:	S. REXHEPI
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

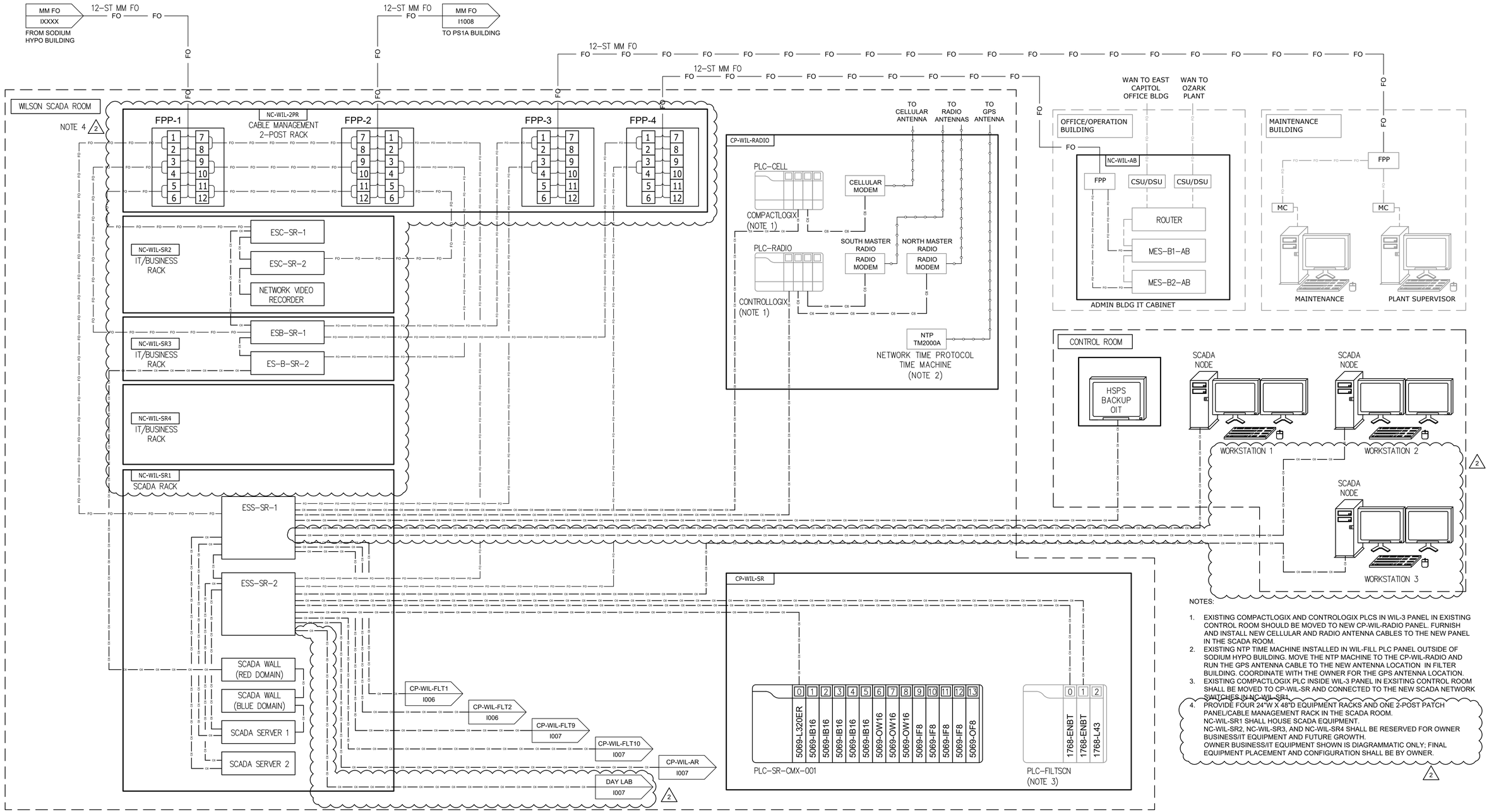
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

ADMINISTRATION BUILDING
ELECTRICAL
CONDUIT AND WIRE SCHEDULES

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: E8013

File: C:_DOCACCDOCS\HAZEN AND SAWYER\60711-001_WILSON_WTP_REHAB_FILTER_BASIN\PROJECT FILES\00_ELECTRICAL\E8013 Saved by SREXHEPI Save date: 7/6/2026 5:02 PM
PLOT DATE: 7/6/2026 8:01 PM BY: SREXHEPI



NOTES:

1. EXISTING COMPACTLOGIX AND CONTROLOGIX PLCS IN WIL-3 PANEL IN EXISTING CONTROL ROOM SHOULD BE MOVED TO NEW CP-WIL-RADIO PANEL. FURNISH AND INSTALL NEW CELLULAR AND RADIO ANTENNA CABLES TO THE NEW PANEL IN THE SCADA ROOM.
2. EXISTING NTP TIME MACHINE INSTALLED IN WIL-FILL PLC PANEL OUTSIDE OF SODIUM HYPO BUILDING. MOVE THE NTP MACHINE TO THE CP-WIL-RADIO AND RUN THE GPS ANTENNA CABLE TO THE NEW ANTENNA LOCATION IN FILTER BUILDING. COORDINATE WITH THE OWNER FOR THE GPS ANTENNA LOCATION.
3. EXISTING COMPACTLOGIX PLC INSIDE WIL-3 PANEL IN EXSITING CONTROL ROOM SHALL BE MOVED TO CP-WIL-SR AND CONNECTED TO THE NEW SCADA NETWORK SWITCHES IN NC-WIL-SR1.
4. PROVIDE FOUR 24"W X 48"D EQUIPMENT RACKS AND ONE 2-POST PATCH PANEL/CABLE MANAGEMENT RACK IN THE SCADA ROOM.
   NC-WIL-SR1 SHALL HOUSE SCADA EQUIPMENT.
   NC-WIL-SR2, NC-WIL-SR3, AND NC-WIL-SR4 SHALL BE RESERVED FOR OWNER BUSINESS/IT EQUIPMENT AND FUTURE GROWTH.
   OWNER BUSINESS/IT EQUIPMENT SHOWN IS DIAGRAMMATIC ONLY; FINAL EQUIPMENT PLACEMENT AND CONFIGURATION SHALL BE BY OWNER.

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	BDB
1	CONFORMED SET	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. ZOMORODI
DRAWN BY:	B. HARRIS
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

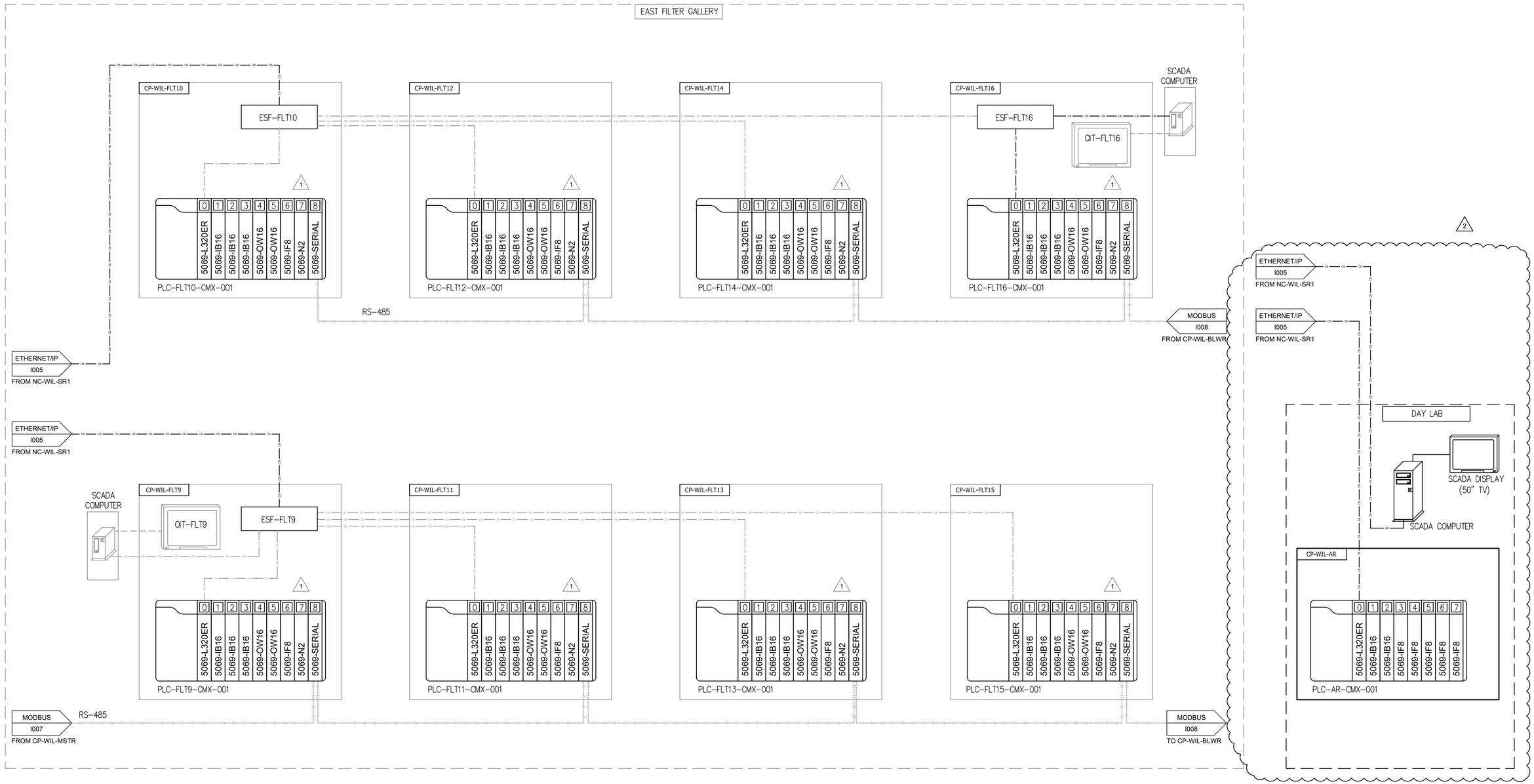
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

INSTRUMENTATION
CONTROL SYSTEM BLOCK DIAGRAM
SHEET 1

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	I1005

File: C:\USERS\BHARRIS\APPDATA\LOCAL\AUTODESK\AUTOCAD PLANT 3D\COLLABORATION\CACHE\60711-001_WILSON WTP REHAB FILTER BASIN\PID DWG\I1005(2) Saved by BHARRIS Save date: 7/6/2026 3:16 PM
PLOT DATE: 7/7/2026 1:57 PM BY: BHARRIS



CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
2	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	BDB
1	CONFORMED SET	03-13-25	BDB

PROJECT MANAGER:	T. HUDSON
DESIGNED BY:	S. ZOMORODI
DRAWN BY:	B. HARRIS
PROJECT ENGINEER:	B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE (0, 1/2", 1")

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DALLAS, TEXAS 75206

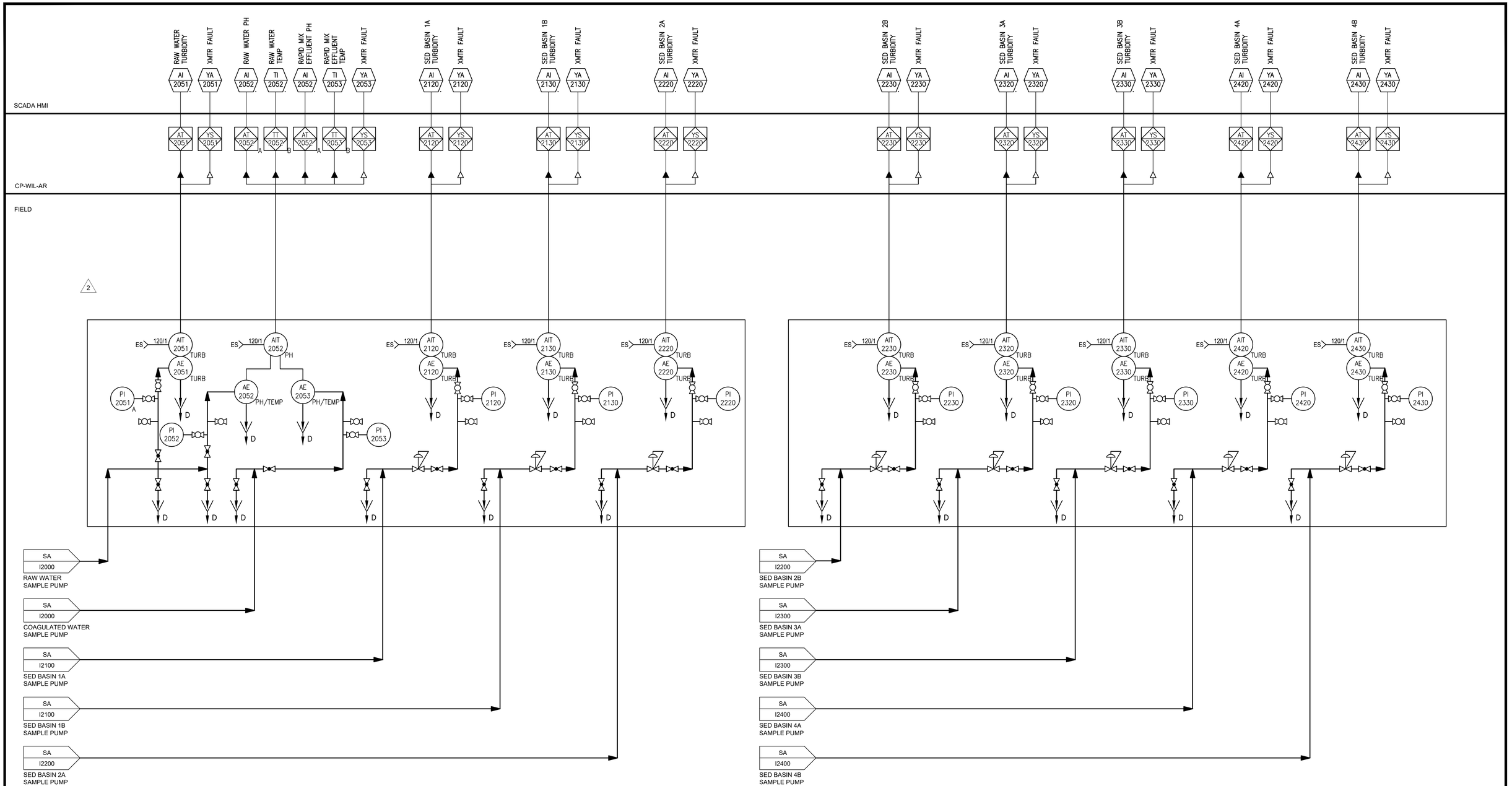
CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

INSTRUMENTATION
CONTROL SYSTEM BLOCK DIAGRAM
SHEET 3

DATE:	MARCH 2025
HAZEN NO.:	60711-003
CONTRACT NO.:	1
DRAWING NUMBER:	I1007

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PLOT DATE: 7/7/2026 1:57 PM BY: BHARRIS



CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
4	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	BDB
3	FO-001	6-17-25	BDB
2	ADDENDUM 2	1-9-25	BDB
1	CONFORMED SET	03-13-25	BDB

PROJECT MANAGER: T. HUDSON
DESIGNED BY: S. ZOMORODI
DRAWN BY: B. HARRIS
PROJECT ENGINEER: B. BUELTEL

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

Hazen
HAZEN AND SAWYER
8150 N. CENTRAL EXPRESSWAY
TOWER II - SUITE 700
DALLAS, TEXAS 75206

CENTRAL ARKANSAS WATER
LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

INSTRUMENTATION ANALYZER ROOM P&ID SHEET 1

4

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: I8000

File: C:\USERS\BHARRIS\APPDATA\LOCAL\AUTODESK\AUTOCAD PLANT 3D\COLLABORATION\CACHE\60711-001_WILSON WTP REHAB FILTER BASIN\PID DWG\I8000 Saved by BHARRIS Save date: 7/7/2026 1:55 PM
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SCADA HMI

CP-WIL-AR

FIELD

CFE EAST TURBIDITY — AI 3071
XMTR FAULT — YA 3071
CFE WEST TURBIDITY — AI 3072
XMTR FAULT — YA 3072
CLEARWELL NO.1 PH — AI 3074
CLEARWELL NO.1 TEMP — TI 3074
CLEARWELL NO.2 PH — AI 3076
CLEARWELL NO.2 TEMP — TI 3076
CHLORINE CONTACT INFL PH — AI 3078
CHLORINE CONTACT INFL TEMP — TI 3078
CHLORINE CONTACT EFFL PH — AI 3080
CHLORINE CONTACT EFFL TEMP — TI 3080
XMTR FAULT — YA 3074
CLEARWELL NO.1 CL2 — AI 3073
XMTR FAULT — YA 3073
CLEARWELL NO.2 CL2 — AI 3075
XMTR FAULT — YA 3075
CHLORINE CONTACT INFL CL2 — AI 3077
XMTR FAULT — YA 3077
CHLORINE CONTACT EFFL CL2 — AI 3079
XMTR FAULT — YA 3079

AT 3071 / YS 3071
AT 3072 / YS 3072
AT 3074 / TT 3074 / AT 3076 / TT 3076 / AT 3078 / TT 3078 / AT 3080 / TT 3080 / YS 3074
AT 3073 / YS 3073
AT 3075 / YS 3075
AT 3077 / YS 3077
AT 3079 / YS 3079

ES 120/1 — AIT 3071 TURB — AE 3071 TURB — PI 3071 — D
ES 120/1 — AIT 3072 TURB — AE 3072 TURB — PI 3072 — D

ES 120/1 — AIT 3074 PH/TEMP — AE 3074 PH/TEMP — ① ② ③ — D — 2
ES 120/1 — AIT 3073 CL2 — AE 3073 CL2 — PI 3073 — D — 2
① ES 120/1 — AIT 3075 CL2 — AE 3076 PH/TEMP — AE 3075 CL2 — PI 3075 — D — 2
② ES 120/1 — AIT 3077 CL2 — AE 3078 PH/TEMP — AE 3077 CL2 — PI 3077 — D — 2
③ ES 120/1 — AIT 3079 CL2 — AE 3080 PH/TEMP — AE 3079 CL2 — PI 3079 — D — 2

SA I3006 — CFE EAST SAMPLE PUMP
SA I3006 — CFE WEST SAMPLE PUMP

SA — CLEARWELL NO. 1 — PI 3073 A — M — PMP–3073 — CLEARWELL NO. 1 SAMPLE PUMP — PI 3073 B — SA — TO SAMPLE PANEL A
SA — CLEARWELL NO. 2 — PI 3075 A — M — PMP–3075 — CLEARWELL NO. 2 SAMPLE PUMP — PI 3075 B — SA — TO SAMPLE PANEL A
SA — CHLORINE CONTACT INFLUENT — PI 3077 A — M — PMP–3077 — CHLORINE CONTACT INFLUENT SAMPLE PUMP — PI 3077 B — SA — TO SAMPLE PANEL A
SA — CHLORINE CONTACT EFFLUENT — PI 3079 A — M — PMP–3079 — CHLORINE CONTACT EFFLUENT SAMPLE PUMP — PI 3079 B — SA — TO SAMPLE PANEL A

SA — CLEARWELL NO. 1/ SAMPLE PANEL A
SA — CLEARWELL NO. 2/ SAMPLE PANEL A
SA — CHLORINE CONTACT INFLUENT/ SAMPLE PANEL A
SA — CHLORINE CONTACT EFFLUENT/ SAMPLE PANEL A

CONFORMED DRAWINGS

REV	ISSUED FOR	DATE	BY
3	OWNER CONTINGENCY EXPENDITURE #4	06-12-26	BDB
2	ADDENDUM 2	1-9-25	BDB
1	CONFORMED SET	03-13-25	BDB

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LITTLE ROCK, ARKANSAS

JACK H. WILSON WTP RENEWAL AND RESILIENCY PROJECT

INSTRUMENTATION ANALYZER ROOM P&ID SHEET 2

3

DATE: MARCH 2025
HAZEN NO.: 60711-003
CONTRACT NO.: 1
DRAWING NUMBER: I8001

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