

EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT

HENSLEY, ARKANSAS

ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
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LEWIS ARCHITECTS ENGINEERS

TITLE SHEET

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

PROJECT INFORMATION

DRAWINGS AND PROJECT MANUAL APPROVED AND IDENTIFIED AS PARTS OF THE OFFICIAL CONTRACT DOCUMENT

OWNER: SHERIDAN SCHOOL DISTRICT
FACILITY: EAST END ELEMENTARY
LOCATION: 24554 HIGHWAY 167, HENSLEY, AR

BY:
DATE:

CONTRACTOR: C.R. CRAWFORD CONSTRUCTION
ADDRESS: 1102 S HAPPY HOLLOW RD
FAYETTEVILLE, AR 72701

BY:
DATE:

ARCHITECT: LEWIS, ELLIOTT, McMORRAN, VADEN,
RAGSDALE, & WOODWARD INCORPORATED
ADDRESS: 11225 HURON LANE, SUITE 104
LITTLE ROCK, ARKANSAS 72211

BY:
DATE:

PROJECT NUMBER: 25053
DRAWINGS AND PROJECT MANUAL DATED: 2026 05-18

DESIGN DATA

GENERAL CODES:

INTERNATIONAL BUILDING CODE (IBC)	2021 EDITION
ARKANSAS FIRE PREVENTION CODE (AFPC)	2021 EDITION

SEISMIC:

SEISMIC RISK CATEGORY III (STORM SHELTER- IV)	2021 IBC
SEISMIC DESIGN CATEGORY C (STORM SHELTER- D)	
SALINE COUNTY	AFPC REVISIONS

ACCESSIBILITY STANDARDS

ADA STANDARDS FOR ACCESSIBLE DESIGN	2010 EDITION

OCCUPANCY CLASSIFICATION:

EDUCATIONAL	IBC 305

CONSTRUCTION TYPE:

TYPE II-B SPRINKLED	IBC 305

TOTAL BUILDING SQUARE FOOTAGE:

MAIN LEVEL	65,276 SQ. FT.

FIRE PROTECTION

PORTABLE FIRE EXTINGUISHERS	NFPA 10
AUTOMATIC SPRINKLER SYSTEM	IBC 903

SEE LIFE SAFETY PLAN FOR LIFE SAFETY INFORMATION

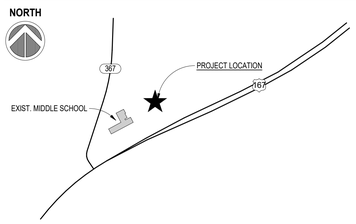
CERTIFICATION STATEMENT:

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE "ARKANSAS FIRE PREVENTION CODE" FOR THE STATE OF ARKANSAS.

LEWIS, ELLIOTT, McMORRAN, VADEN, RAGSDALE, & WOODWARD, INCORPORATED

5/18/26

VICINITY MAP



ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
AT	ALUMINUM THRESHOLD
CEJC	CEILING EXPANSION JOINT COVER
CJ	CONTROL JOINT
CLG	CEILING
CONC	CONCRETE
CONT	CONTINUOUS
DTL	DETAIL
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FEJ	FLOOR EXPANSION JOINT
FLR	FLOOR
GB	GRAB BAR
MECH	MECHANICAL
NHO	NORMALLY HELD OPEN
NTS	NOT TO SCALE
OPG	OPENING
REQ	REQUIRED
SHT	SHEET
SIM	SIMILAR
STO	STORAGE
TYP	TYPICAL
WEJC	WALL EXPANSION JOINT COVER

MATERIAL LEGEND

- CMU (PLAN)
- MASONRY (PLAN)
- METAL STUD FRAMING (PLAN)
- GYPSUM PANELS
- WOOD BLOCKING CONTINUOUS (SECTION)
- WOOD BLOCKING AS NEEDED (SECTION)
- WOOD FINISHED FACE OR SOLID WOOD
- WOOD PLYWOOD (SECTION)
- CONCRETE (SECTION)
- RIGID INSULATION (SECTION)
- BATT INSULATION (SECTION)
- FILL MATERIAL (SECTION)
- REPLACED SOIL (SECTION)

SYMBOL LEGEND

- (100.1) — DOOR MARK, SEE DOOR SCHEDULE
- A — CASEWORK ELEVATION MARK
- B — WINDOW / STOREFRONT FRAME MARK
- CLASSROOM — ROOM NAME
- 101 — ROOM NUMBER
- LAY-1 | 9'-4" — ROOM CEILING HEIGHT / CEILING FINISH
- 3 / A4.4 — DETAIL / SECTION NUMBER / SHEET NUMBER

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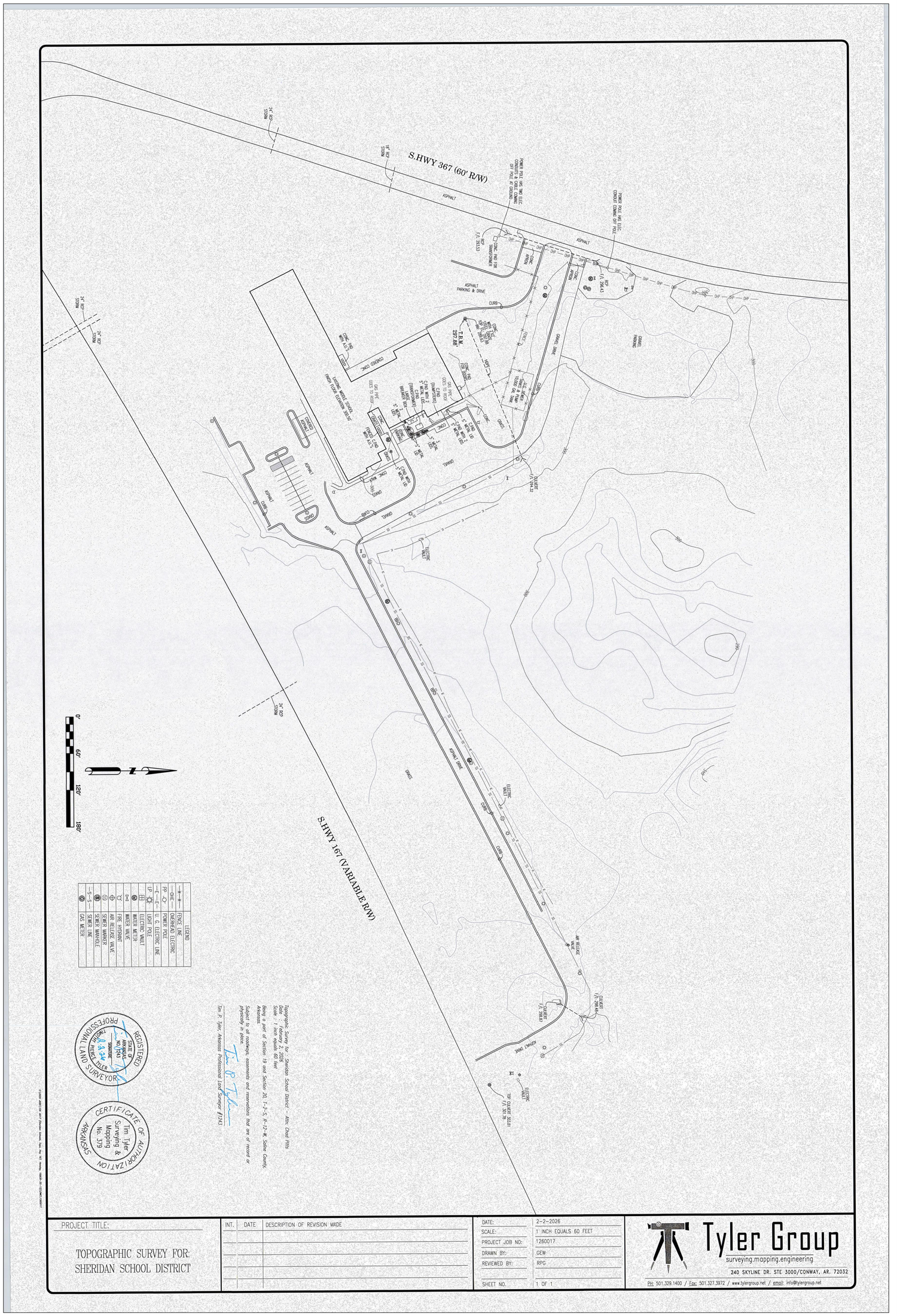
ELECTRICAL

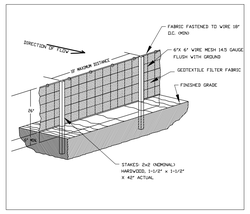
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REGISTERED ARCHITECT
LEWIS, ELLIOTT, McMORRAN, VADEN, RAGSDALE & WOODWARD, INC.
NO. C-82
ARKANSAS
5/18/26

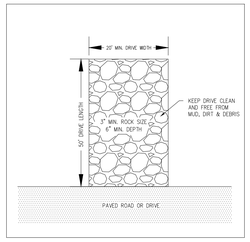
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: WSD/SP
REV:

T1.1

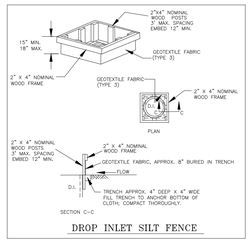

S.HWY 367 (60' R/W)
S.HWY 167 (VARIABLE R/W)
ASPHALT
ASPHALT PARKING & DRIVE
CURB
CONCRETE CURB
GRAVEL
GRASS
TREES
OHP
POWER POLE, PWR, ELEC. CONDUIT DOWN, GY TEL
POWER POLE, PWR, ELEC. CONDUIT, COMM. GY TEL, GUY WIRE ON POLE AT GROUND
CONC. PWR POLE TRANSFORMER
RCP T/ 256.53
RCP T/ 256.43
RCP T/ 255.87
RCP T/ 255.81
RCP T/ 255.69
RCP T/ 255.63
RCP T/ 255.57
RCP T/ 255.51
RCP T/ 255.45
RCP T/ 255.39
RCP T/ 255.33
RCP T/ 255.27
RCP T/ 255.21
RCP T/ 255.15
RCP T/ 255.09
RCP T/ 255.03
RCP T/ 254.97
RCP T/



2 C1.0 **SILT FENCE DETAIL**
SCALE: N.T.S.

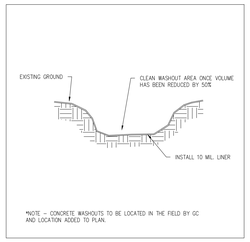


3 C1.0 **CONSTRUCTION DRIVE DETAIL**
SCALE: N.T.S.

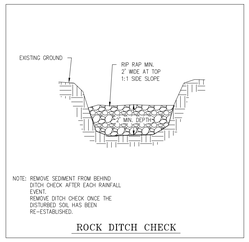


DROP INLET SILT FENCE

4 C1.0 **INLET SILT FENCE DETAIL**
SCALE: N.T.S.



5 C1.0 **CONCRETE WASHOUT DETAIL**
SCALE: N.T.S.



ROCK DITCH CHECK

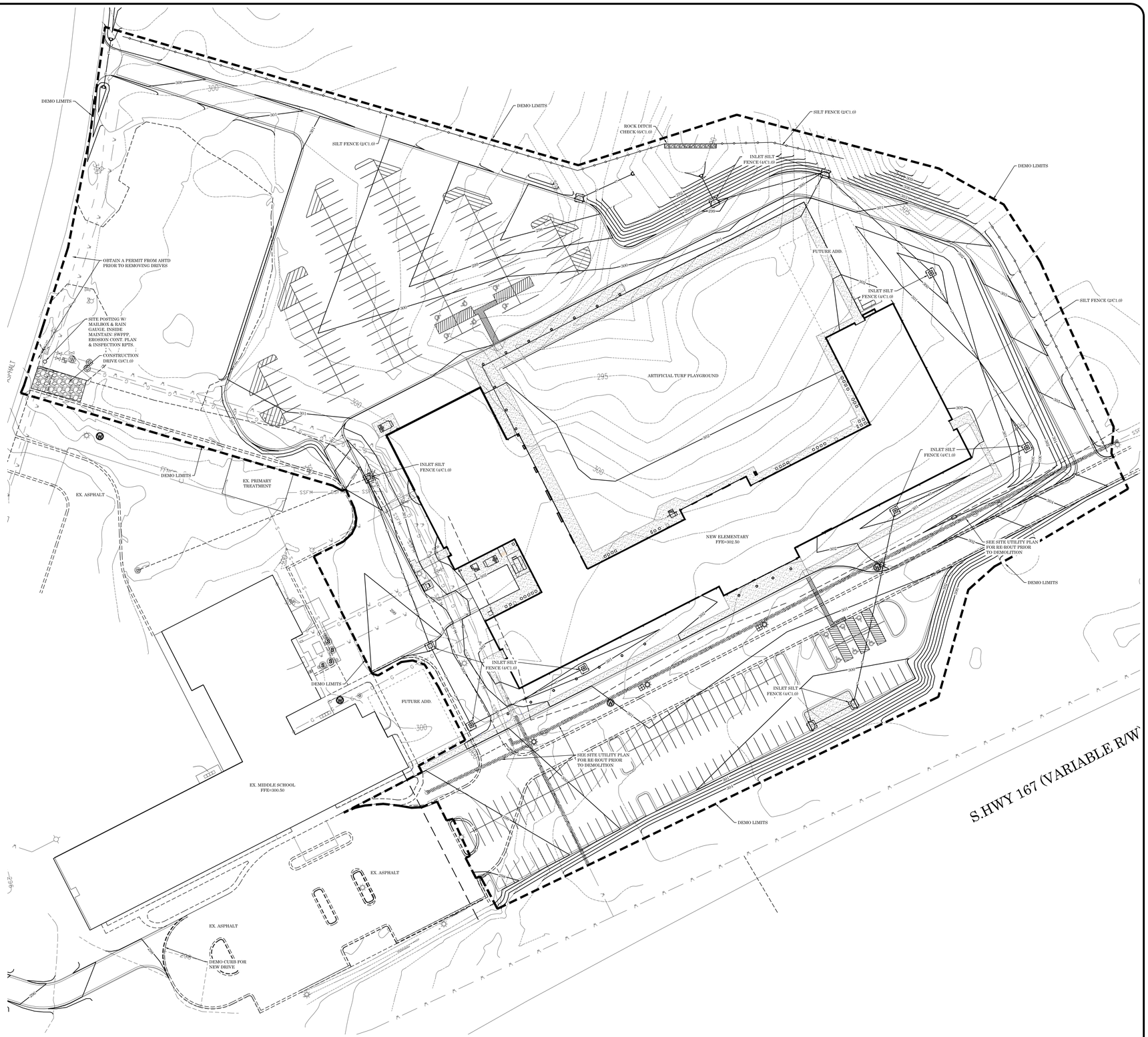
6 C1.0 **ROCK DITCH CHECK DETAIL**
SCALE: N.T.S.

GENERAL EROSION CONTROL NOTES:

1. THE CONTRACTOR WILL PRODUCE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) THAT MEETS THE REQUIREMENTS SET FORTH BY THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY.
2. THE CONTRACTOR WILL FILL OUT INSPECTION REPORTS AND LOG RAINFALL DATA AS REQUIRED BY THE SWPPP.
3. THE CONTRACTOR WILL INSTALL ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING DIRTWORK ACTIVITIES ON THIS SITE.
4. THE CONTRACTOR WILL IMMEDIATELY CLEAN UP ANY SEDIMENT THAT LEAVES THIS SITE.
5. THE CONTRACTOR WILL RE-ESTABLISH ALL DISTURBED AREAS IN ACCORDANCE WITH THE SWPPP.
6. THE CONTRACTOR WILL REMOVE ALL EROSION CONTROL MEASURES ONCE THE SITE HAS BEEN RE-ESTABLISHED.

GENERAL SITE DEMOLITION NOTES:

1. ALL BIDDERS SHALL FIELD VERIFY EXIST SITE CONDITIONS SO AS TO BE FAMILIAR WITH PROJECT PRIOR TO BIDDING WORK INCLUDED IN THIS CONTRACT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE DEMOLITION OF ANY UTILITIES, FACILITIES, STRUCTURES, ECT. IN THE OUTLINED AREA NOT SHOWN ON THIS PLAN BUT NECESSARY TO COMPLETE THIS PROJECT. ANY DISCREPANCIES SHALL BE ADDRESSED PRIOR TO BIDDING.
2. THE CONTRACTOR WILL REMOVE ALL SHOWN OR FOUND UTILITIES TO 10' OUTSIDE THE PROPOSED BUILDING & CAPPED. ALL TRENCHES WILL BE BACKFILLED WITH SELECT MATERIAL AND COMPACTED.
3. THE CONTRACTOR WILL COORDINATE ALL DEMOLITION ACTIVITIES WITH THE OWNER, ARCHITECT & LOCAL UTILITY COMPANIES.
4. THE EXISTING CONDITIONS SHOWN WERE TAKEN OFF OF A TOPOGRAPHIC SURVEY PROVIDED BY THE OWNER – ANY DISCREPANCIES SHOULD BE ADDRESSED PRIOR TO BIDDING.
5. REFERENCE THE SITE PLANS FOR A MORE DETAILED DELINEATION OF DEMOLITION LIMITS.
6. SOME UTILITIES WILL NEED TO BE RE-ROUTED PRIOR TO DEMOLITION. REFERENCE THE SITE UTILITY PLAN.



NORTH
1 C1.0 **SITE DEMOLITION & EROSION CONTROL PLAN**
SCALE: 1" = 40'
0 40 80

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SITE DEMOLITION & EROSION CONTROL PLAN

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

STATE OF ARKANSAS
JAMES MICHAEL
REGISTERED PROFESSIONAL ENGINEER
No. 12742
5/18/26

MINTON ENGINEERING, INC. NO. 1564
CERTIFICATE OF AUTHORIZATION
ARKANSAS ENGINEER

DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: JM
REV:

ARKANSAS ONE CALL SYSTEM INC. 811 DIG SAFE
CALL BEFORE YOU DIG

C1.0
2 OF 5

GENERAL SITE GRADING NOTES:

1. ALL BIDDERS SHALL FIELD VERIFY EXIST SITE CONDITIONS SO AS TO BE FAMILIAR WITH PROJECT PRIOR TO BIDDING WORK INCLUDED IN THIS CONTRACT. ANY DISCREPANCIES SHALL BE ADDRESSED PRIOR TO BIDDING.
2. CONTRACTOR TO VERIFY AND MARK ALL EXISTING UTILITIES PRIOR BEFORE ANY DEMOLITION OR NEW CONSTRUCTION WORK COMMENCES.
3. ALL WORK SHALL CONFORM TO LOCAL & STATE CODES; ELECTRICAL & PLUMBING LINES SHALL BE INSTALLED BY PROFESSIONALS LICENSED BY THE STATE OF ARKANSAS.
4. FIELD VERIFY EXACT LOCATION OF ALL EXISTING TREES; EXIST TREES NOT IN CONSTRUCTION AREA TO BE PROTECTED WITH 2x WOOD FLAMIC CONT. IN LINE WITH DRIP EDGE OF TREE, SECURED TOGETHER & FLAGGED W/ORANGE TAPE; HEAVY EQUIPMENT TO WORK AS FAR AS POSSIBLE FROM EXIST TREES TO PREVENT DAMAGE TO FEEDER ROOTS; CONTRACTOR WILL BE REQUIRED TO COMPENSATE OWNER FOR ANY EXISTING TREES WHICH ARE DAMAGED OR DIE DUE TO CONSTRUCTION WORK.
5. THE GENERAL CONTRACTOR SHALL HAVE THE GEOTECHNICAL ENGINEER EMPLOYED TO OBSERVE SITE WORK MEET WITH THE GEOTECHNICAL ENGINEER THAT PROVIDED THE SOILS REPORT. THIS MEETING SHOULD OCCUR AT OR BEFORE THE PRE-CONSTRUCTION MEETING TO INSURE THE AMOUNT OF UNDERCUT THAT MAY BE REQUIRED FOR THE PROJECT. RECOMMENDATIONS BY GEO-TECHNICAL ENGINEER SHALL NOT BE IMPLEMENTED INTO WORK WITHOUT AUTHORIZATION FROM OWNER & ARCHITECT; NOTIFY ARCHITECT IMMEDIATELY IF UNEXPECTED SUBSURFACE CONDITIONS ARE ENCOUNTERED. THE CONTRACTOR WILL REFERENCE THE GEOTECHNICAL REPORT FOR A MORE DETAILED DESCRIPTION OF EARTHWORK AND COMPACTION REQUIREMENTS.
6. SEQUENCE OF DIRTWORK ACTIVITIES (REFERENCE GEOTECH REPORT):
   1)THE SITE WILL BE CLEARED OF ALL TREES NECESSARY FOR SITE CONSTRUCTION, SEE CLEARING LIMITS.
   2)THE TOP 1.0' OF SOIL WILL BE STRIPPED UNDER ALL STRUCTURAL ELEMENTS (BUILDINGS, PARKING & DRIVE AREAS). THIS MATERIAL CAN BE USED ON SITE AS UNCLASSIFIED FILL (GREEN SPACES).
   3)SEE GEOTECH REPORT FOR UNDERCUT RECOMMENDATIONS. SELECT FILL WILL BE PLACED TO 10' OUTSIDE BUILDING, 3' OUTSIDE THE CURB FOR DRIVES AND PARKING.
   4)PROOF ROLL ALL SUBGRADE PRIOR TO PLACING FILL, REMOVE AND REPLACE WITH COMPACTED SELECT FILL AS DIRECTED BY GEOTECH.
   5)SELECT FILL WILL BE PLACED IN LOOSE 8" LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR WITHIN 2% OPTIMUM MOISTURE CONTENT. SEE GEOTECH REPORT FOR SELECT FILL REQUIREMENTS.
7. ALL HANDICAP PARKING AND ACCESSIBLE ROUTES SHALL MEET ADA REQUIREMENTS. MAXIMUM CROSS-SLOPE ON ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 2.0% AND THE MAXIMUM RUNNING-SLOPE ON ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 5.0% WITHOUT HANDRAILS AND LANDING AREAS, 8.3% WITH HANDRAILS AND LANDING AREAS. HANDICAPPED PARKING AREAS SHALL NOT SLOPE MORE THAN 2.0% IN ANY DIRECTION. EACH HANDICAP PARKING SPOT SHALL HAVE A SIGN. THE CONTRACTOR WILL REFER TO THE "CODE OF FEDERAL REGULATIONS" 28 CFR PART 36 "ADA STANDARDS FOR ACCESSIBLE DESIGN" FOR A MORE DETAILED DESCRIPTION OF STANDARDS.
8. THE CONTRACTOR WILL VERIFY THE LOCATION AND ELEVATION OF ALL ROOF, CONDENSATE AND FOUNDATION DRAIN CONNECTIONS WITH THE PLUMBING AND FOUNDATION SHEETS PRIOR TO INSTALLATION.



NORTH

1 / C1.1 SITE GRADING & STORM DRAINAGE PLAN

SCALE: 1" = 40'

0 40 80

SITE LEGEND:

102	EX. CONTOUR LINE
PL	PROPERTY LINE
S	EX. SEWER LINE
G	EX. GAS LINE
E	EX. OVERHEAD ELECTRIC
W	EX. WATER LINE
	EX. TREE
100	PR. CONTOUR
W	PR. WATER
S	PR. SEWER
G	PR. GAS
ST	PR. STORM PIPE
	PR. WATERLINE BLOCKING
	PR. CONCRETE
TS	TOP OF SIDEWALK
TP	TOP OF PAVEMENT
TC	TOP OF CURB
TG	TOP OF GROUND
TT	TOP OF TRACK
RCAP	REINFORCED ARCH CONCRETE PIPE
CPP	CORRUGATED PLASTIC PIPE
FL	FLOW LINE
C.O.T.G.	CLEAN OUT TO GRADE
EX	EXISTING
PR	PROPOSED

PAVING LEGEND:

LIGHT DUTY FLEXIBLE PAVEMENT	2" ACHM SURFACE COURSE ANTI SPECS 6" CLASS 7 CRUSHED STONE BASE COURSE COMPACTED SELECT FILL - 95% MDD PROCTOR
HEAVY DUTY FLEXIBLE PAVEMENT (SUD)	3" ACHM SURFACE COURSE ANTI SPECS 8" CLASS 7 CRUSHED STONE BASE COURSE COMPACTED SELECT FILL - 95% MDD PROCTOR
GRAVEL	8" CLASS 7 CRUSHED STONE BASE COURSE COMPACTED SELECT FILL - 95% MDD PROCTOR
HEAVY DUTY RIGID PAVEMENT (DROVE APRON)	8" PORTLAND CEMENT CONCRETE PAVING 4,000 PSI @ 28 DAYS 6" CLASS 7 CRUSHED STONE BASE COURSE COMPACTED SELECT FILL - 95% MDD PROCTOR

NOTE: PAVEMENT SECTIONS WERE TAKEN FROM THE SOILS REPORT BY GARNER ENGINEERING. REFER TO THIS REPORT FOR A MORE DETAILED DESCRIPTION OF SELECT MATERIAL AND COMPACTION REQUIREMENTS.

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SITE GRADING & STORM DRAINAGE PLAN

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

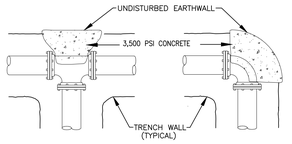
ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12742
5/18/26

CERTIFICATE OF AUTHORIZATION
MINTON ENGINEERING, INC. NO. 1564
ARKANSAS ENGINEER - 4TH FLOOR

DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: JM
REV:

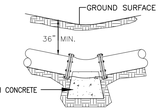
ARKANSAS ONE-CALL SYSTEM, INC. 811 CALL BEFORE YOU DIG

C1.1
3 OF 5



TEE

90° BEND
45° BEND (SIMILAR)
22 1/2° BEND (SIMILAR)
11 1/4° BEND (SIMILAR)



VERTICAL (CRADLE)

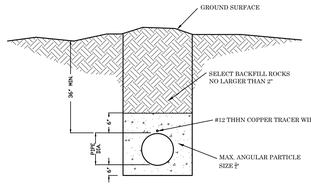
45° BEND
22 1/2° BEND (SIMILAR)
11 1/4° BEND (SIMILAR)

NOTES:

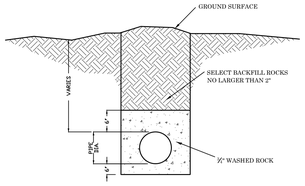
1. All fittings shall be mechanical joint with retainer glands.
2. Do not cover bells or flanges with concrete.
3. Wrap all fittings with visqueen.
4. Back all tees according to size of branch.
5. Backing future line extensions shall be such that later removal is possible.
6. All bends where fittings are used, both horizontal and vertical, shall be backed.
7. Reaction backing table is based on 150 p.s.i. and soil bearing pressure of 2,500 lb./sq. ft. Additional backing may be required in some areas as directed by engineer.

REACTION BACKING TABLE					
REQUIRED SQ. FT. OF UNDISTURBED EARTHWALL FOR REACTION BACKING					
SIZE	TYPE OF FITTINGS				
	TEE OR PLUG/CAP	90°	45°	22 1/2°	11 1/4°
2"-4"	2	2	1	1	1
6"	3	3	2	1	1
8"	4	4	3	2	2
12"	10	10	5	3	2
18"	26	26	14	7	4
24"	38	38	20	10	7
30"	59	59	32	16	10

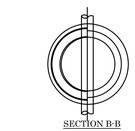
2 / C1.2 WATERLINE/SEWER F.M. BLOCKING DETAIL
NOT TO SCALE



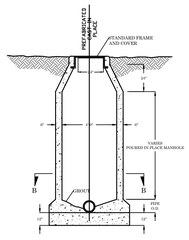
3 / C1.2 WATER/SEWER FORCE MAIN BEDDING DETAIL
NOT TO SCALE



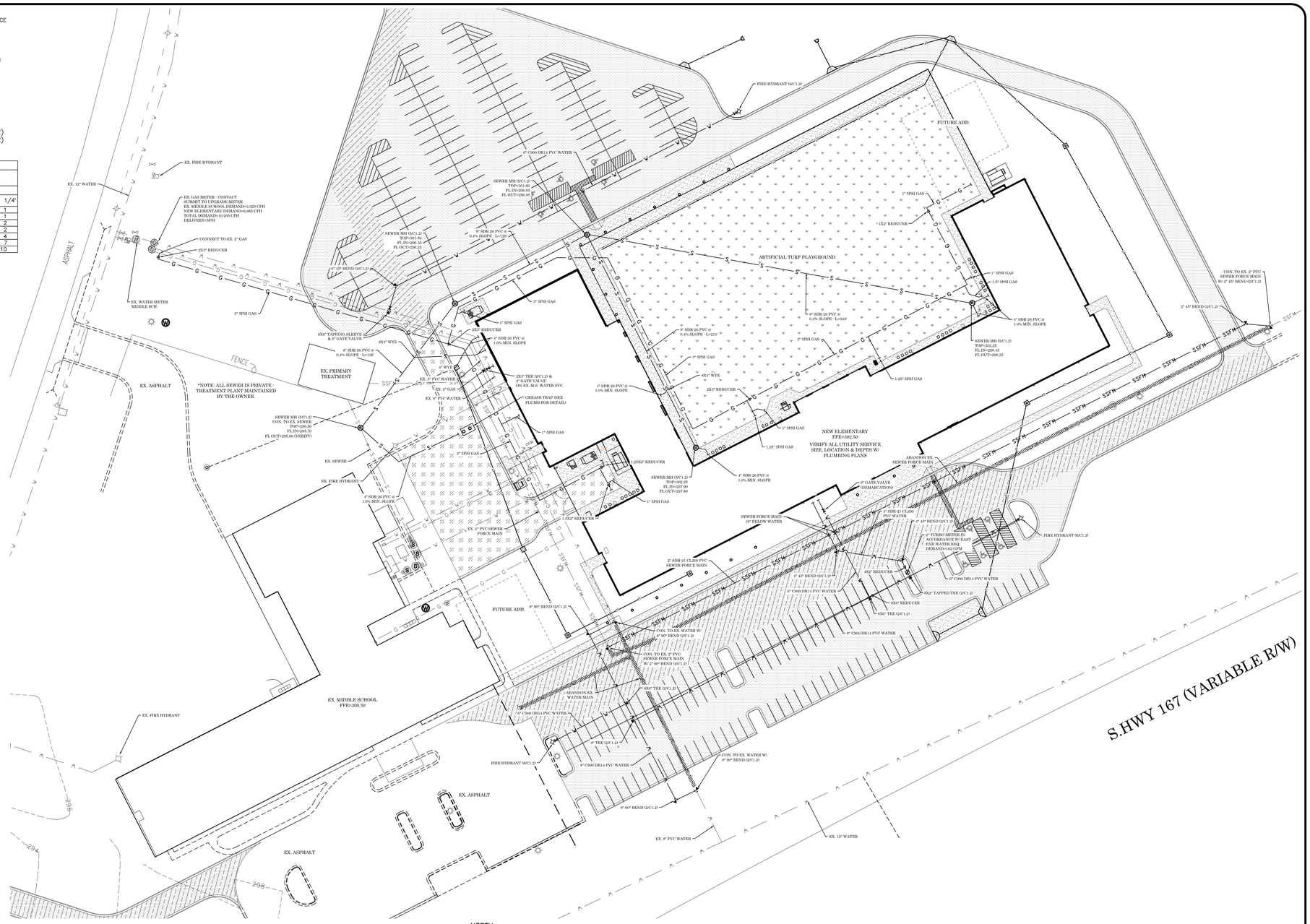
4 / C1.2 SEWER BEDDING DETAIL
NOT TO SCALE

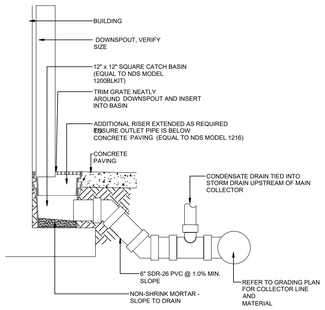


SECTION B-B

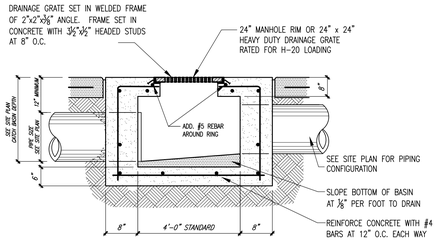


5 / C1.2 SEWER MANHOLE DETAIL
NOT TO SCALE

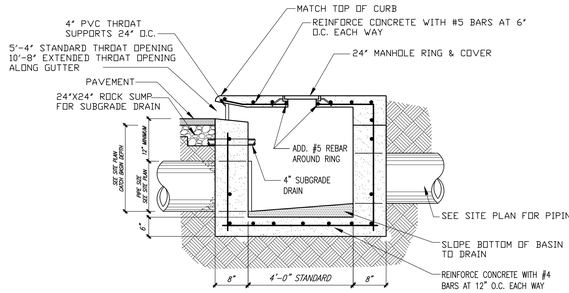

EX. 12" WATER
EX. FIRE HYDRANT
EX. GAS METER - CONTACT SUMMIT TO UPGRADE METER
EX. MIDDLE SCHOOL DEMAND=3,320 CFH
NEW ELEMENTARY DEMAND=6,685 CFH
TOTAL DEMAND=10,205 CFH
DELIVERY=5PSI
CONNECT TO EX. 2" GAS
2X2" REDUCER
EX. WATER METER MIDDLE SCH.
3" 5PSI GAS
ASPHALT
FENCE
EX. ASPHALT
*NOTE: ALL SEWER IS PRIVATE - TREATMENT PLANT MAINTAINED BY THE OWNER.
EX. PRIMARY TREATMENT
EX. MIDDLE SCHOOL FFE=300.50
EX. FIRE HYDRANT
EX. ASPHALT
EX. ASPHALT
EX. 12" WATER
EX. 8" PVC WATER
FIRE HYDRANT 60/C1.2I
6" C900 DR14 PVC WATER
SEWER MH (S/C1.2) TOP=301.60 FL IN=296.95 FL OUT=296.85
8" SDR 26 PVC @ 0.4% SLOPE - L=125'
SEWER MH (S/C1.2) TOP=301.50 FL IN=296.35 FL OUT=296.25
8" SDR 26 PVC @ 0.4% SLOPE - L=130'
8" SDR 26 PVC @ 0.4% SLOPE - L=211'
8" SDR 26 PVC @ 0.4% SLOPE - L=149'
4" SDR 26 PVC @ 1.0% MIN. SLOPE
8" SDR 26 PVC @ 1.0% MIN. SLOPE
8" SDR 26 PVC @ 1.0% MIN. SLOPE
8



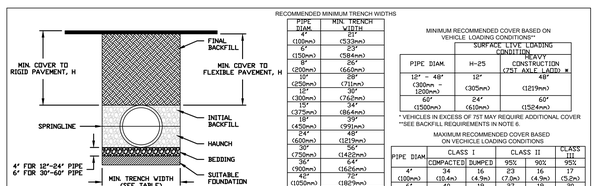
2 C1.3 DOWNSPOUT (D.S.) CONNECTION DETAIL
NOT TO SCALE



3 C1.3 STORM DRAINAGE JUNCTION BOX (J.B.) DETAIL
NOT TO SCALE



4 C1.3 STORM DRAINAGE CURB INLET (C.I.) DETAIL
NOT TO SCALE



RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
4" (100mm)	21" (533mm)
6" (150mm)	23" (584mm)
8" (200mm)	26" (660mm)
10" (250mm)	28" (711mm)
12" (300mm)	30" (762mm)
15" (375mm)	34" (864mm)
18" (450mm)	39" (991mm)
24" (600mm)	48" (1219mm)
30" (750mm)	56" (1422mm)
36" (900mm)	64" (1626mm)
42" (1050mm)	72" (1829mm)
48" (1200mm)	80" (2032mm)
60" (1500mm)	96" (2438mm)

MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS**

PIPE DIAM.	SURFACE LIVE LOADING CONDITION: H-25	SURFACE LIVE LOADING CONDITION: HEAVY CONSTRUCTION (75T AXLE LOAD) *
12" - 48" (300mm - 1200mm)	12" (305mm)	48" (1219mm)
60" (1500mm)	24" (610mm)	60" (1524mm)

* VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER
**SEE BACKFILL REQUIREMENTS IN NOTE 6.

MAXIMUM RECOMMENDED COVER BASED ON VECHICLE LOADING CONDITIONS

PIPE DIAM.	CLASS I COMPACTED	CLASS I DUMPED	CLASS II 95%	CLASS II 90%	CLASS III 95%
4" (100mm)	34 (10.4m)	16 (4.9m)	23 (7.0m)	16 (4.9m)	17 (5.2m)
6" (150mm)	40 (12.2m)	19 (5.8m)	27 (8.2m)	19 (5.8m)	20 (6.1m)
8" (200mm)	30 (9.1m)	14 (4.3m)	21 (6.4m)	14 (4.3m)	15 (4.6m)
10" (250mm)	34 (10.4m)	16 (4.9m)	23 (7.0m)	16 (4.9m)	17 (5.2m)
12" (300mm)	35 (10.7m)	17 (5.2m)	24 (7.3m)	17 (5.2m)	18 (5.5m)
15" (375mm)	37 (11.3m)	18 (5.5m)	25 (7.6m)	18 (5.5m)	19 (5.8m)
18" (450mm)	32 (9.8m)	15 (4.6m)	22 (6.7m)	15 (4.6m)	16 (4.9m)
24" (600mm)	27 (8.2m)	13 (4.0m)	19 (5.8m)	13 (4.0m)	14 (4.3m)
30" (750mm)	22 (6.7m)	11 (3.4m)	16 (4.9m)	11 (3.4m)	11 (3.4m)
36" (900mm)	26 (7.9m)	12 (3.7m)	18 (5.5m)	12 (3.7m)	13 (4.0m)
42" (1050mm)	24 (7.3m)	11 (3.4m)	17 (5.2m)	11 (3.4m)	12 (3.7m)
48" (1200mm)	23 (7.0m)	11 (3.4m)	16 (4.9m)	11 (3.4m)	12 (3.7m)
60" (1500mm)	26 (7.9m)	12 (3.7m)	18 (5.5m)	12 (3.7m)	13 (4.0m)

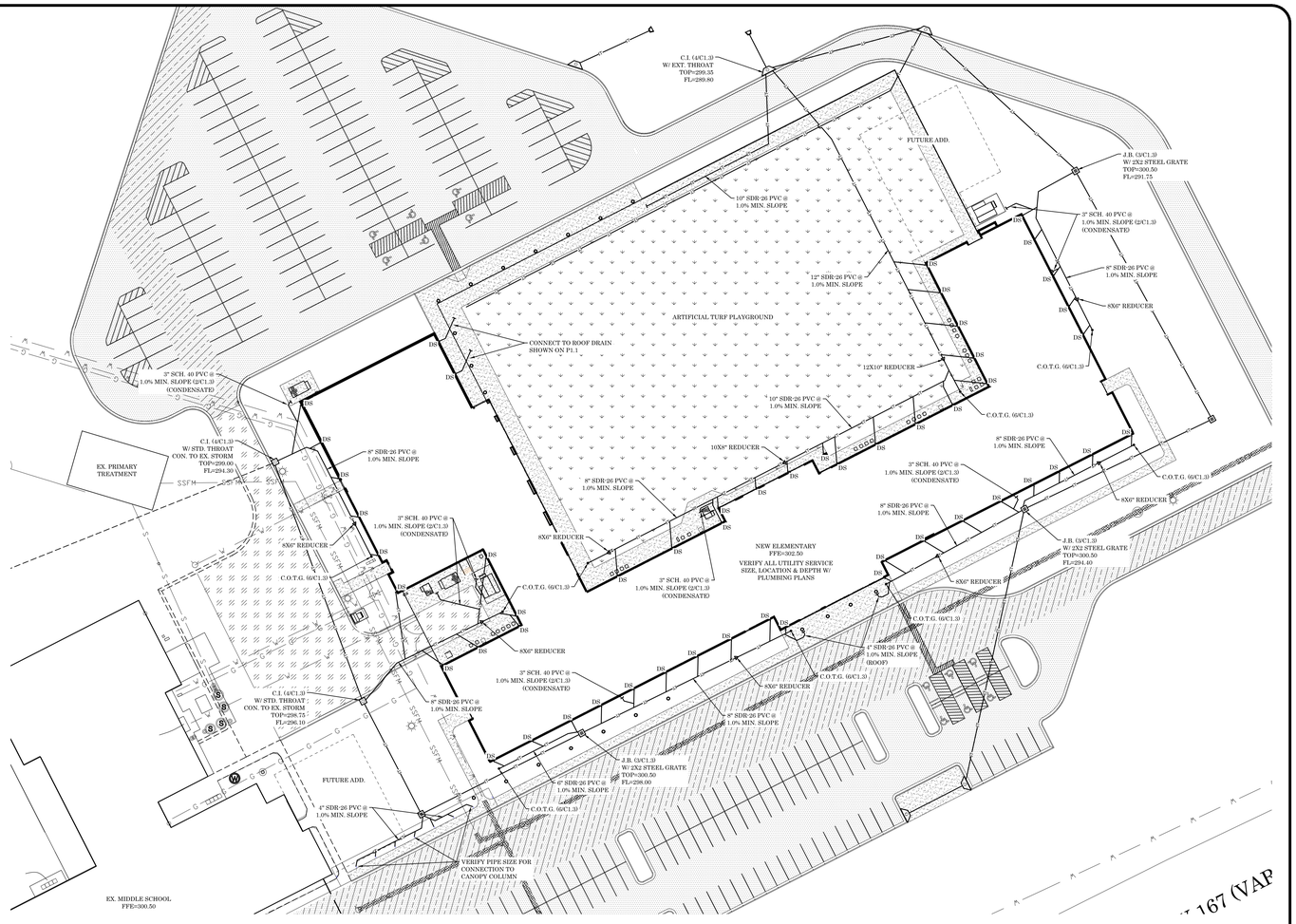
FILL HEIGHT TABLE GENERATED USING AASHTO SECTION 12, LOAD RESISTANCE FACTOR DESIGN (LRFD) PROCEDURE WITH THE FOLLOWING ASSUMPTIONS:
NO HYDROSTATIC PRESSURE,
UNIT WEIGHT OF SOIL (Ys) = 120 PCF

NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-1500mm).
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDINGTO THE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR TRAFFIC APPLICATIONS WITH LESS THAN FOUR FEET OF COVER, EMBEDMENT OF THE PIPE SHALL BE USING ONLY A CLASS I OR CLASS II BACKFILL.

5 C1.3 CORRUGATED PLASTIC PIPE BEDDING DETAIL
NOT TO SCALE

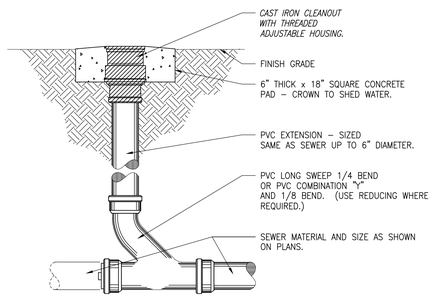
SITE LEGEND	
102	EX. CONTOUR LINE
PL	PROPERTY LINE
S	EX. SEWER LINE
G	EX. GAS LINE
E	EX. OVERHEAD ELECTRIC
W	EX. WATER LINE
	EX. TREE
100	PR. CONTOUR
W	PR. WATER
S	PR. SEWER
G	PR. GAS
ST	PR. STORM PIPE
⊳	PR. WATERLINE BLOCKING
	PR. CONCRETE
TS	TOP OF SIDEWALK
TP	TOP OF PAVEMENT
TC	TOP OF CURB
TG	TOP OF GROUND
TT	TOP OF TRACK
RCAP	REINFORCED ARCH CONCRETE PIPE
CPP	CORRUGATED PLASTIC PIPE
FL	FLOW LINE
C.O.T.G.	CLEAN OUT TO GRADE
EX	EXISTING
PR	PROPOSED



NORTH

1 C1.3 SITE ROOF & CONDENSATE DRAINAGE PLAN
SCALE: 1" = 40'

0 40 80



6 C1.3 CLEANOUT TO GRADE (C.O.T.G.) DETAIL
NOT TO SCALE

GRADATION PLAN NOTE

PRIOR TO INSTALLING ANY SANITARY, STORM, GAS OR WATER LINES BELOW GRADE, THE PLUMBING CONTRACTOR SHALL FURNISH TO THE ARCHITECT TWO COPIES OF A GRADATION PLAN OF THE BUILDING DRAINS AND SEWER LINES WITH PROPOSED ELEVATION GRADES SHOWN AT EACH MAJOR GROUP OF PLUMBING FIXTURES, AT EACH PIPE LINE INTERSECTION, AT EACH PIPE LINE CROSSING, AT EACH GRADE BEAM OR FOOTING PENETRATION/INTERSECTION AND AT ANY EXISTING PIPE LINE CONNECTIONS. THE PLAN SHALL ALSO INCLUDE ALL THOSE PIPE INTERSECTIONS AND/OR PIPE CROSSINGS THAT ARE EXTERIOR OF BUILDING/ADDITION INCLUDING ANY MANHOLES, CONNECTION TO EXISTING MAINS AND CLEANOUTS TO GRADE.

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SITE ROOF & CONDENSATE DRAINAGE PLAN

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

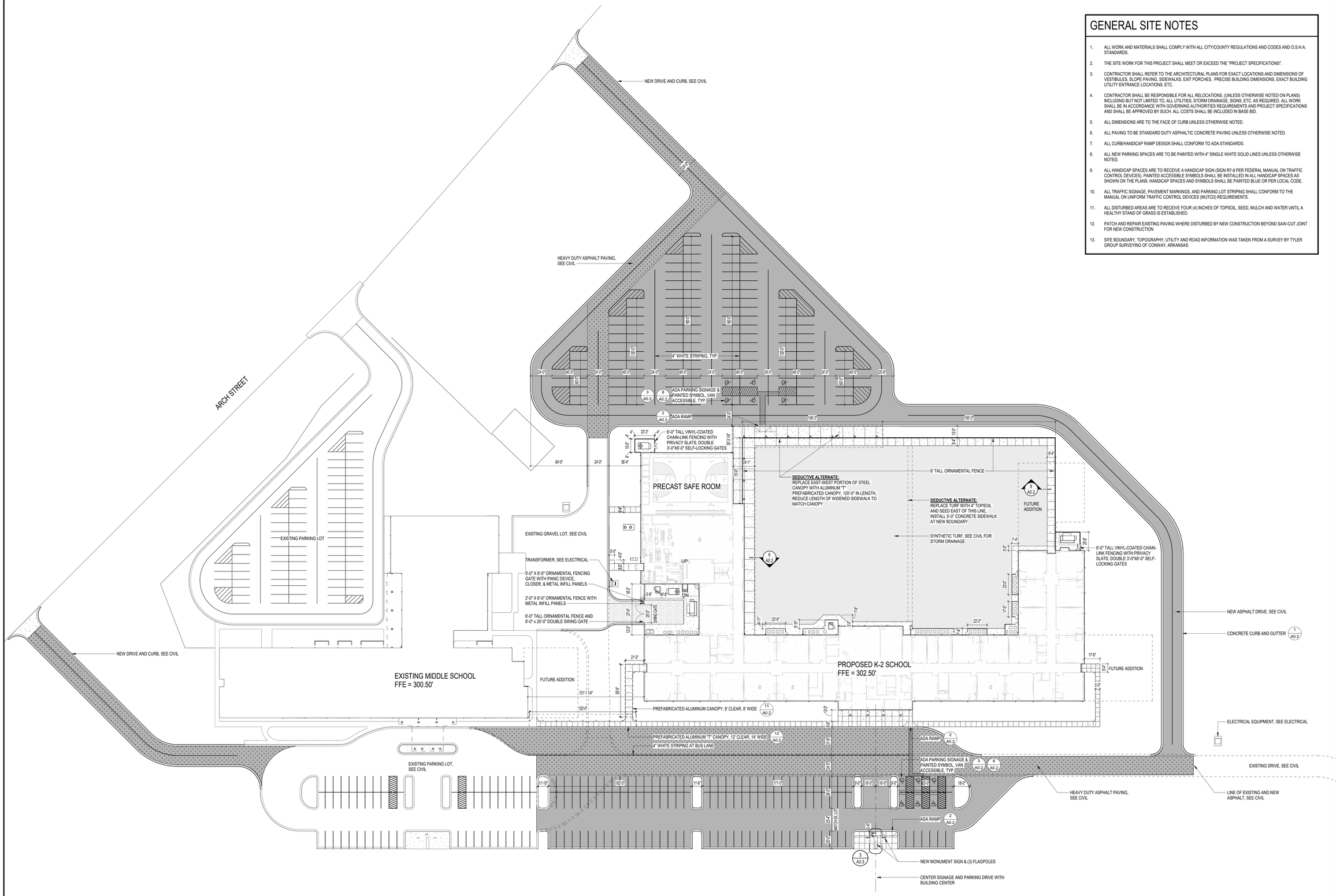
ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12742 — 5/16/26
CERTIFICATE OF AUTHORIZATION — MINTON ENGINEERING, INC. NO. 1564 — ARKANSAS ENGINEER

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: JM
REV:

C1.3
5 OF 5

GENERAL SITE NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE "PROJECT SPECIFICATIONS".
3. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, ETC.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COSTS SHALL BE INCLUDED IN BASE BID.
5. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
6. ALL PAVING TO BE STANDARD DUTY ASPHALTIC CONCRETE PAVING UNLESS OTHERWISE NOTED.
7. ALL CURB/HANDICAP RAMP DESIGN SHALL CONFORM TO ADA STANDARDS.
8. ALL NEW PARKING SPACES ARE TO BE PAINTED WITH 4" SINGLE WHITE SOLID LINES UNLESS OTHERWISE NOTED.
9. ALL HANDICAP SPACES ARE TO RECEIVE A HANDICAP SIGN (SIGN R7-8 PER FEDERAL MANUAL ON TRAFFIC CONTROL DEVICES). PAINTED ACCESSIBLE SYMBOLS SHALL BE INSTALLED IN ALL HANDICAP SPACES AS SHOWN ON THE PLANS. HANDICAP SPACES AND SYMBOLS SHALL BE PAINTED BLUE OR PER LOCAL CODE.
10. ALL TRAFFIC SIGNAGE, PAVEMENT MARKINGS, AND PARKING LOT STRIPING SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS.
11. ALL DISTURBED AREAS ARE TO RECEIVE FOUR (4) INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
12. PATCH AND REPAIR EXISTING PAVING WHERE DISTURBED BY NEW CONSTRUCTION BEYOND SAW-CUT JOINT FOR NEW CONSTRUCTION
13. SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION WAS TAKEN FROM A SURVEY BY TYLER GROUP SURVEYING OF CONWAY, ARKANSAS.



NORTH

1 A0.1 OVERALL SITE PLAN

1" = 40'-0"

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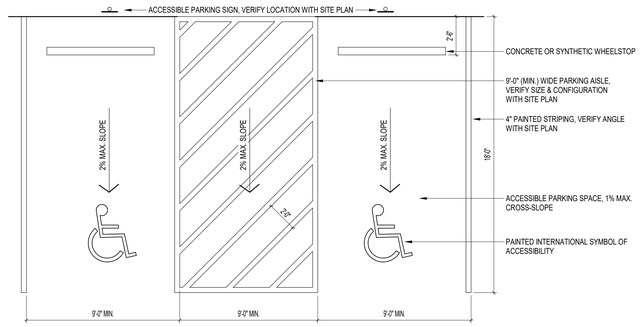
ARCHITECTURAL SITE PLAN

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

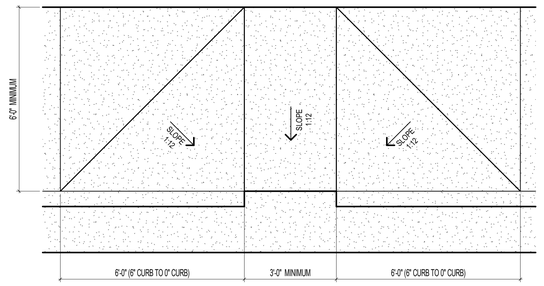
REGISTERED ARCHITECT
LEWIS, ELLIOTT, McMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
NO. C-92
ARKANSAS
5/18/26

DATE:	2026 05-18
PROJECT NO:	25053
DRAWN BY:	WSD
REV:	

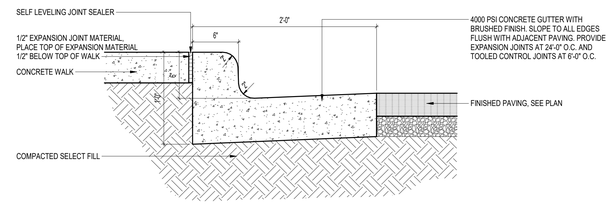
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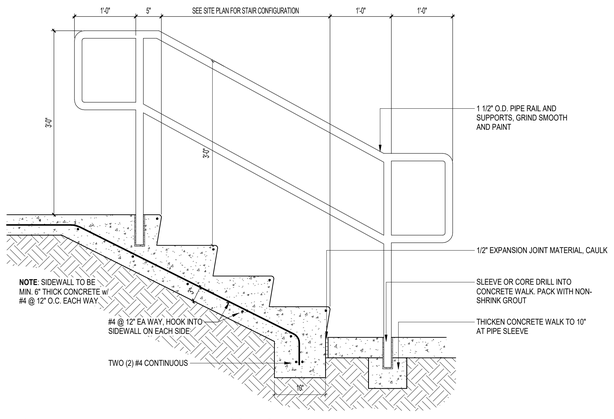
3 A0.2 ADA PARKING DETAIL
1/4" = 1'-0"



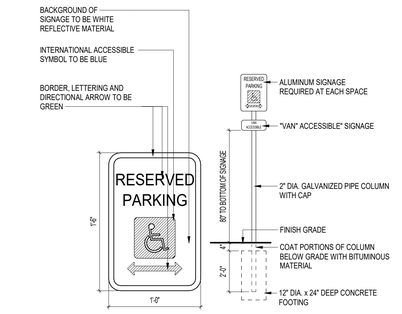
2 A0.2 ACCESSIBLE RAMP DETAIL
1/2" = 1'-0"



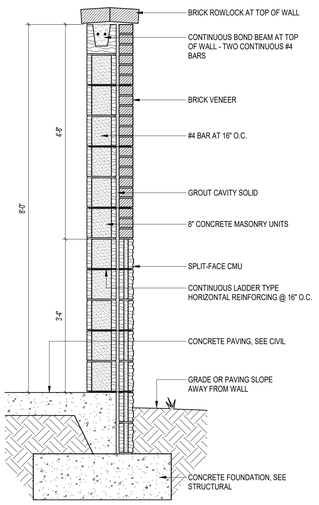
1 A0.2 TYPICAL CURB AND GUTTER DETAIL
1 1/2" = 1'-0"



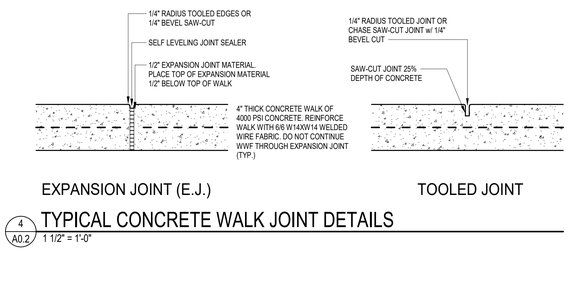
7 A0.2 PIPE HANDRAIL AT EXTERIOR STAIR
1" = 1'-0"



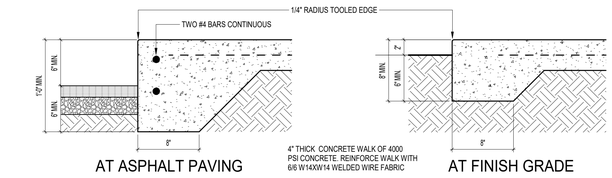
8 A0.2 ADA SIGN DETAIL
1 1/2" = 1'-0"



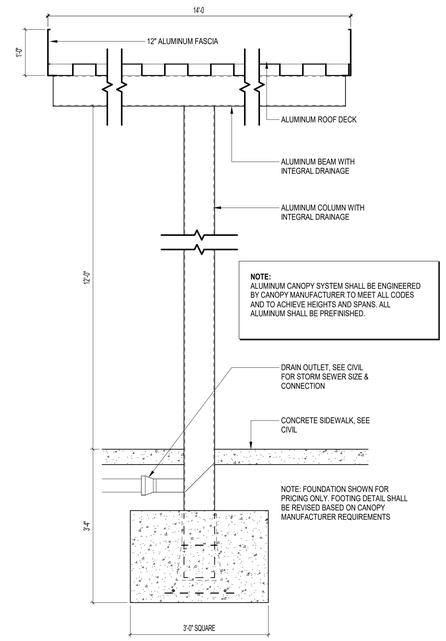
6 A0.2 MASONRY SCREEN WALL
3/4" = 1'-0"



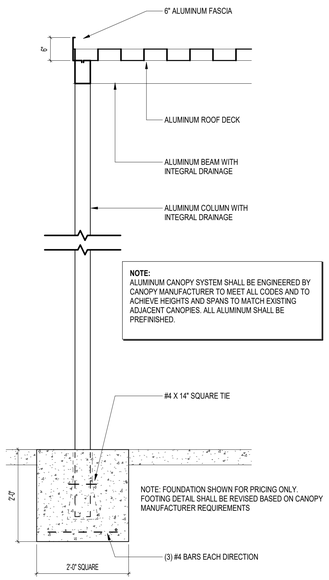
4 A0.2 TYPICAL CONCRETE WALK JOINT DETAILS
1 1/2" = 1'-0"



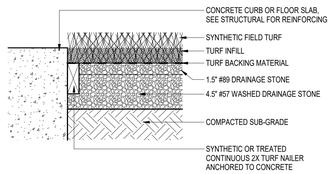
5 A0.2 TYPICAL CONCRETE WALK EDGE DETAILS
1 1/2" = 1'-0"



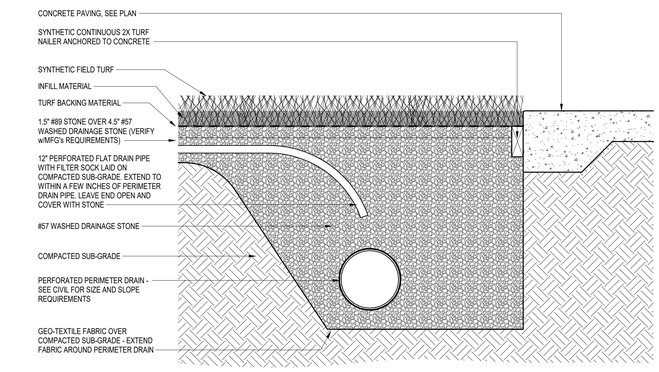
12 A0.2 METAL SIDEWALK "T" CANOPY DETAIL
3/4" = 1'-0"



11 A0.2 METAL SIDEWALK CANOPY DETAIL
3/4" = 1'-0"



10 A0.2 TURF EDGE DETAIL
1 1/2" = 1'-0"



9 A0.2 TURF PERIMETER DRAIN
1 1/2" = 1'-0"

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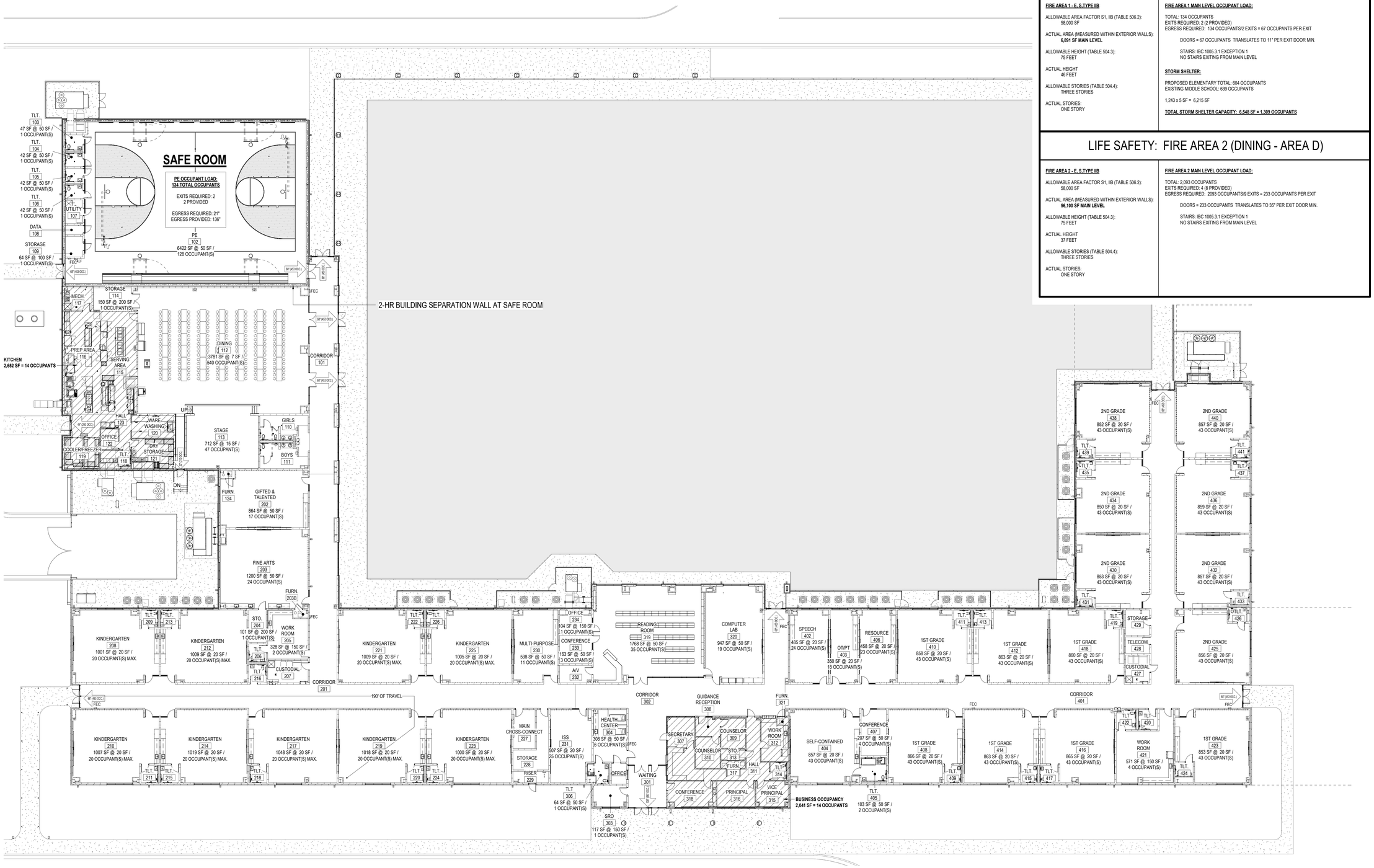
SITE DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, McMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
C-82
ARKANSAS
5/18/26

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: WSD/SP
REV:

A0.2



IBC TABLE 601
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

BUILDING ELEMENT	TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
	A	B	A	B	A	B	HT	A	B
PRIMARY STRUCTURAL FRAME	3	2	1	0	1	0	HT	1	0
BEARING WALLS									
EXTERIOR	3	2	1	0	2	2	2	1	0
INTERIOR	3	2	1	0	1	0	1/HT	1	0
NONBEARING INTERIOR WALLS									
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	2	2	1	0	1	0	HT	1	0
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	1.5	1	1	0	1	0	HT	1	0

LIFE SAFETY: FIRE AREA 1 (SAFE ROOM)

FIRE AREA 1 - E, S.TYPE IIB

ALLOWABLE AREA FACTOR S1, IIB (TABLE 506.2):
58,000 SF

ACTUAL AREA (MEASURED WITHIN EXTERIOR WALLS):
6,891 SF MAIN LEVEL

ALLOWABLE HEIGHT (TABLE 504.3):
75 FEET

ACTUAL HEIGHT
46 FEET

ALLOWABLE STORIES (TABLE 504.4):
THREE STORIES

ACTUAL STORIES:
ONE STORY

FIRE AREA 1 MAIN LEVEL OCCUPANT LOAD:

TOTAL: 134 OCCUPANTS
EXITS REQUIRED: 2 (2 PROVIDED)
EGRESS REQUIRED: 134 OCCUPANTS/2 EXITS = 67 OCCUPANTS PER EXIT

DOORS = 67 OCCUPANTS TRANSLATES TO 11" PER EXIT DOOR MIN.

STAIRS: IBC 1005.3.1 EXCEPTION 1
NO STAIRS EXITING FROM MAIN LEVEL

STORM SHELTER:

PROPOSED ELEMENTARY TOTAL: 604 OCCUPANTS
EXISTING MIDDLE SCHOOL: 639 OCCUPANTS

1,243 x 5 SF = 6,215 SF

TOTAL STORM SHELTER CAPACITY: 6,548 SF = 1,309 OCCUPANTS

LIFE SAFETY: FIRE AREA 2 (DINING - AREA D)

FIRE AREA 2 - E, S.TYPE IIB

ALLOWABLE AREA FACTOR S1, IIB (TABLE 506.2):
58,000 SF

ACTUAL AREA (MEASURED WITHIN EXTERIOR WALLS):
56,100 SF MAIN LEVEL

ALLOWABLE HEIGHT (TABLE 504.3):
75 FEET

ACTUAL HEIGHT
37 FEET

ALLOWABLE STORIES (TABLE 504.4):
THREE STORIES

ACTUAL STORIES:
ONE STORY

FIRE AREA 2 MAIN LEVEL OCCUPANT LOAD:

TOTAL: 2,093 OCCUPANTS
EXITS REQUIRED: 4 (8 PROVIDED)
EGRESS REQUIRED: 2093 OCCUPANTS/9 EXITS = 233 OCCUPANTS PER EXIT

DOORS = 233 OCCUPANTS TRANSLATES TO 35" PER EXIT DOOR MIN.

STAIRS: IBC 1005.3.1 EXCEPTION 1
NO STAIRS EXITING FROM MAIN LEVEL

NORTH

1 / A2.0 LIFE SAFETY PLAN
1/16" = 1'-0"

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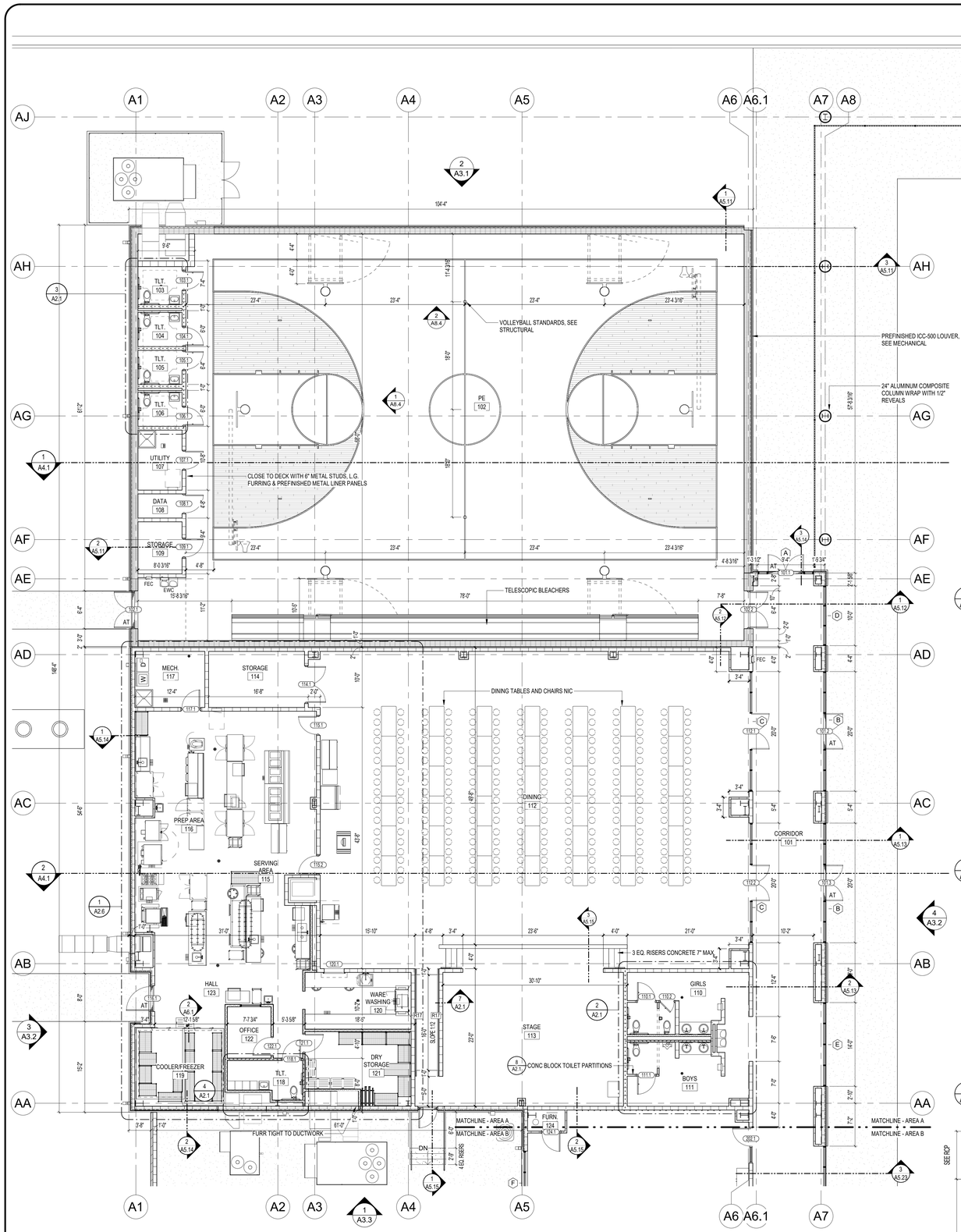
LIFE SAFETY PLAN

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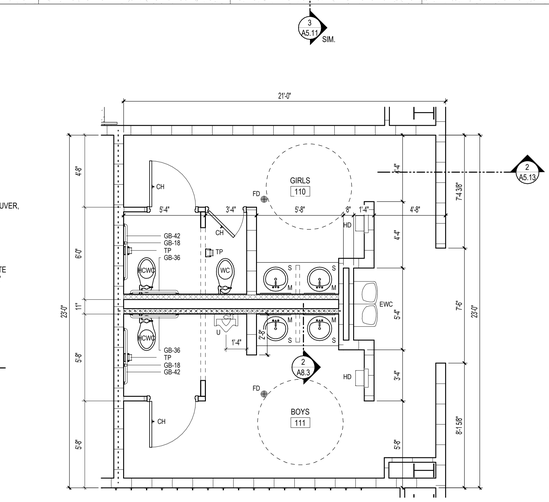
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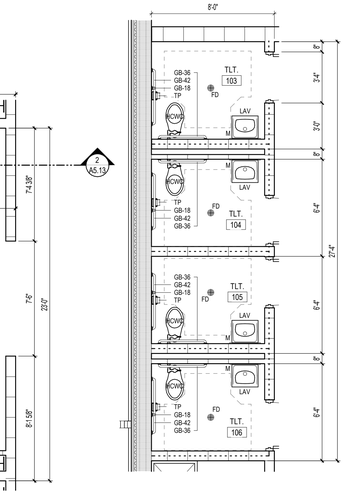


NORTH

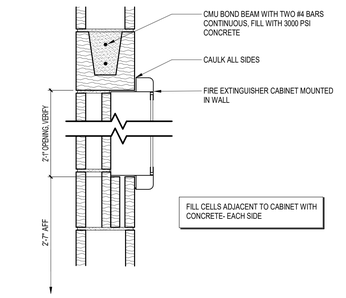
1 A2.1 MAIN LEVEL - AREA A
1/8" = 1'-0"



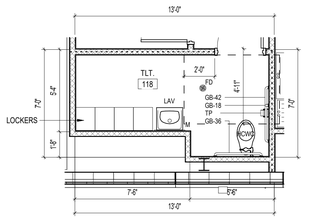
2 A2.1 ENLARGED PLAN
1/4" = 1'-0"



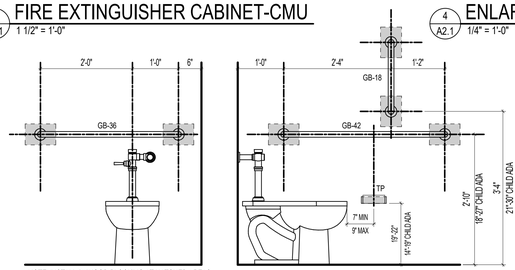
3 A2.1 ENLARGED PLAN
1/4" = 1'-0"



5 A2.1 FIRE EXTINGUISHER CABINET-CMU
1 1/2" = 1'-0"

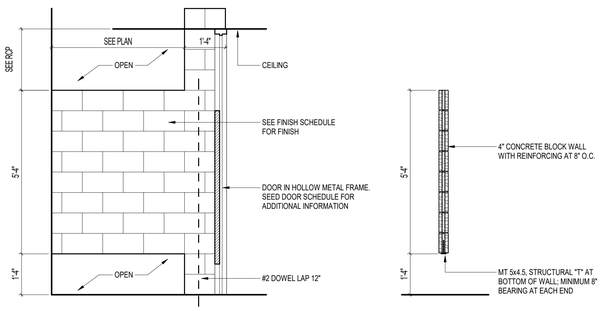


4 A2.1 ENLARGED PLAN
1/4" = 1'-0"

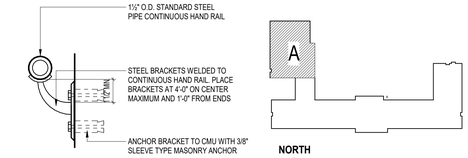


NOTE: INSTALL 2x WOOD BLOCKING AT HATCHED AREAS.

6 A2.1 GRAB BAR ELEVATIONS
3/4" = 1'-0"



8 A2.1 TYPICAL TOILET PARTITION
1/2" = 1'-0"



NORTH

7 A2.1 PIPE HANDRAIL DETAILS
3" = 1'-0"

KEY PLAN

GENERAL NOTES

1. SEE OVERALL PLAN SHEET A2.0 FOR CODE DATA AND FIRE PROTECTION REQUIRMENTS AND METHODS
2. CONTRACTOR TO VISIT SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING PROJECT. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
3. INTERIOR LIGHT GAUGE METAL STUD WALLS
   1. WALLS SHALL BE FRAMED WITH 3 5/8" OR 6" (SEE PLAN) MEMBERS AT 16" O.C. w/ CONTINUOUS TRACK TOP AND BOTTOM, UNLESS NOTED OTHERWISE.
   2. EXTEND ALL WALLS 8" MIN. ABOVE CEILING
   3. WALLS WITHOUT AN ADJACENT FINISHED CEILING SHALL EXTEND TO DECK ABOVE
   4. LIGHT GAUGE FRAMING NOT SUFFICIENTLY BRACED BY INTERSECTING FRAMING OR REQUIRED BY HEIGHT OF FRAMING SHALL BE BRACED TO STRUCTURE WITH METAL STUD KICKERS (APPROXIMATELY 45 DEGREES) AT 48" ON CENTER MAXIMUM.
4. INTERIOR CONCRETE BLOCK WALLS
   1. WALLS SHALL BE 8" CMU (4" CMU AT CHASE WALLS, TOILET PARTITIONS, AND COLUMN WRAPS)
   2. WALL SHALL EXTEND TO 8" ABOVE HIGHEST ADJACENT CEILING
   3. WALLS WITHOUT AN ADJACENT FINISHED CEILING SHALL EXTEND TO 10'-0" AFF AND EXTEND TO DECK WITH METAL STUD FRAMING WITH 5/8" GYPSUM (EXPOSED SIDE(S)
   4. SEE STRUCTURAL DRAWINGS FOR REINFORCING
5. PRIVACY WALLS (BLOCK OR STUD) SHALL EXTEND TO FLOOR DECK OR 5'-0" ABOVE HIGHEST ADJACENT CEILING WITH L.G. METAL FRAMING AND 5/8" GYPSUM BOARD ON AT LEAST ONE SIDE. PRIVACY WALLS SHALL BE MARKED THUS:
6. INTERIOR DOORS NOT DIMENSIONS SHALL BE LOCATED AS FOLLOWS:
   1. HINGE SIDE ADJACENT TO INTERSECTING WALL (CMU), 4" OFF INTERSECTING WALL (STUD)
   2. LATCH SIDE 1'-4" OFF INTERSECTING WALL (STUD/CMU)
   3. CENTERED BETWEEN INTERSECTING WALLS (STUD/CMU)
7. PROVIDE HOUSEKEEPING PADS FOR ELECTRICAL AND MECHANICAL EQUIPMENT. VERIFY SIZE AND LOCATION WITH ELECTRICAL, PLUMBING, AND HVAC INSTALLERS AND MANUFACTURERS.
8. FOR SOUND TRANSFER CONTROL, FILL STUD WALLS WITH SOUND ATTENUATION BLANKETS. INSTALL BATT INSULATION ON ALL CEILING AROUND PERIMETER OF ROOMS EXTENDING 2'-0" FROM ALL INTERIOR WALLS UNLESS NOTED OTHERWISE IN REFLECTED CEILING PLAN NOTES.
9. GYPSUM BOARD EXPANSION JOINTS SHALL BE LOCATED 30'-0" O.C. MAXIMUM. VERIFY LOCATIONS WITH ARCHITECT. LOCATE ABOVE DOOR HEADS WHERE POSSIBLE.
10. FIELD VERIFY ALL DIMENSIONS FOR HANDRAILS, EQUIPMENT, ETC. PRIOR TO FABRICATION AND INSTALLATION
11. PROVIDE WOOD FOR BLOCKING WHERE BLOCKING IS REQUIRED. WHERE BLOCKING CONTACTS METAL FRAME, STUDS, ETC. SEPARATE WITH BUILDING FELT TO AVOID REACTIONS BETWEEN WOOD AND METALS.
12. ALL FIRE WALLS AND BARRIERS SHALL BE MARKED WITH SIGNAGE READING, "FIRE AND/OR SMOKE BARRIER- PROTECT ALL OPENINGS" ACCORDING TO 2021 ARKANSAS FIRE PREVENTION CODE SECTION 703.7. ALL PENETRATIONS SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRESTOP SYSTEM IN ACCORDANCE WITH UL 1479

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MOUNTING HEIGHT
GB-36	GRAB BAR - 36"	34" A.F.F. to CENTERLINE
GB-42	GRAB BAR - 42"	34" A.F.F. to CENTERLINE
GB-18	VERTICAL GRAB BAR - 18"	40" A.F.F. to BASE
GB-2W	GRAB BAR - 2 WALL	34" A.F.F. to CENTERLINE
GB-3W	GRAB BAR - 3 WALL	34" A.F.F. to CENTERLINE
LAV	LAVATORY - WALL MOUNTED	34" A.F.F. to RIM
S	SINK - COUNTER MOUNTED	
CH	COAT HOOK	44"-48" A.F.F.
M	MIRROR	24"X36" ; 40" A.F.F. to BOTTOM OF REFLECTIVE SURFACE
HD	HAND DRYER	44" A.F.F. to BOTTOM
CT	CHANGING TABLE	31" A.F.F. to BOTTOM
HCWC	H.C. WATER CLOSET	17" A.F.F. to SEAT
WC	WATER CLOSET	15" A.F.F. to SEAT
U	URINAL	17" A.F.F. to RIM
WD	DEPRESSABLE WATER DAM	
FSS	FOLDING SHOWER SEAT	17" A.F.F. to SEAT
EWC	ELECT. WATER COOLER w/ BOTTLE FILLER	42" to SPOUT / 36" to SPOUT @ ADA
CR	SHOWER CURTAIN & ROD	7'-0" A.F.F.

1. TOILET PAPER AND SOAP DISPENSERS ARE TO BE PROVIDED BY THE OWNER. TOILET PAPER DISPENSER ARE TO BE INSTALLED NO LOWER THAN 19" AFF. THE OPERATION AND SPIGOT PORTION OF SOAP DISPENSERS SHALL BE INSTALLED AT 44" AFF. CONTRACTOR TO COORDINATE AND VERIFY

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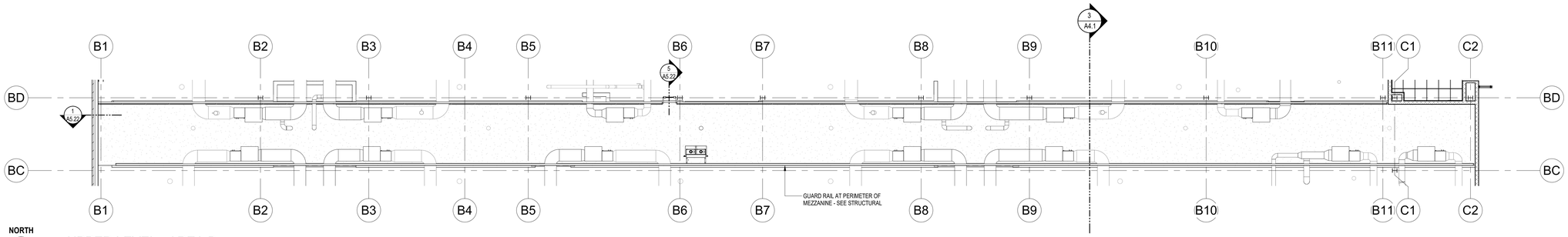
FLOOR PLAN - AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
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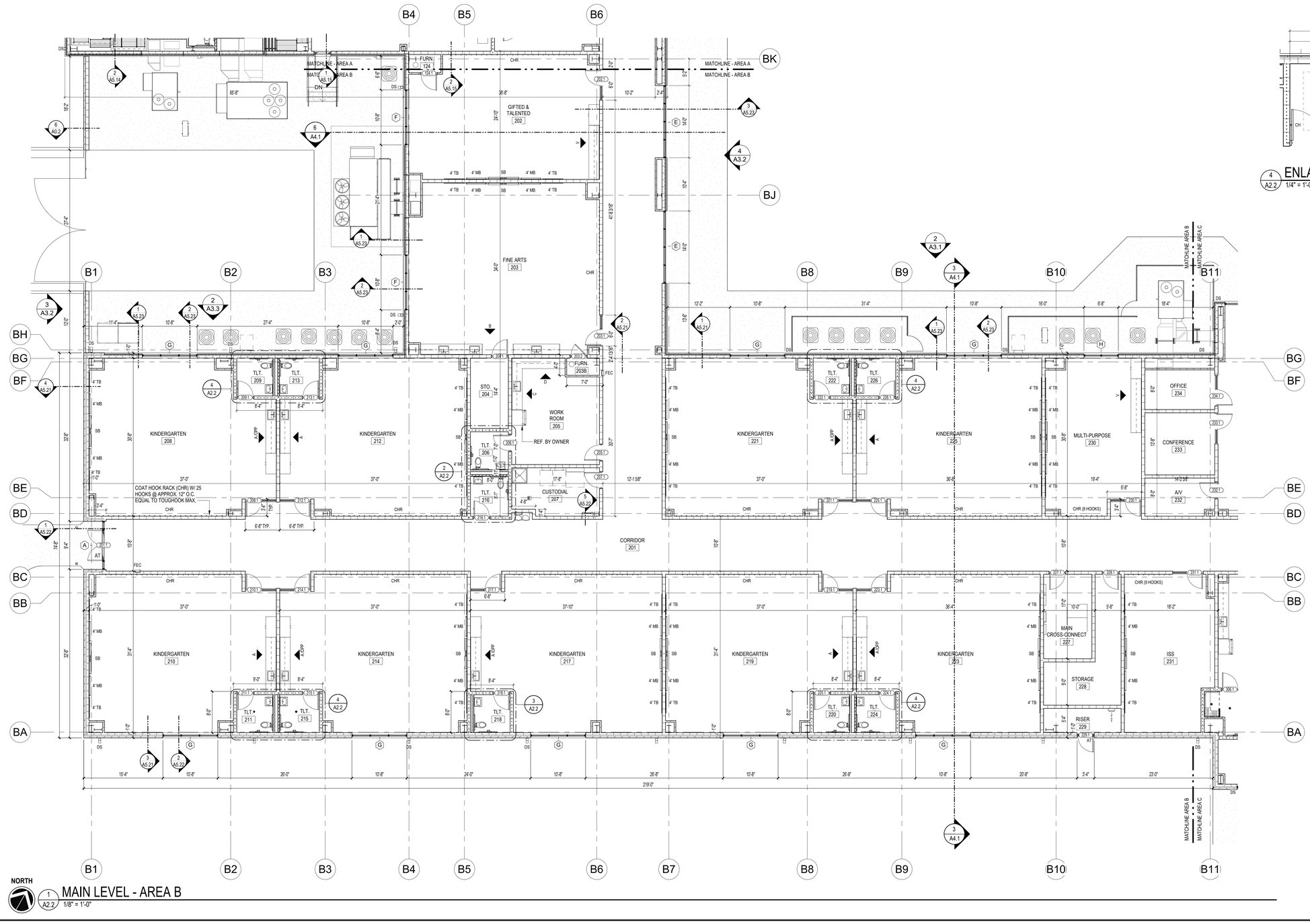
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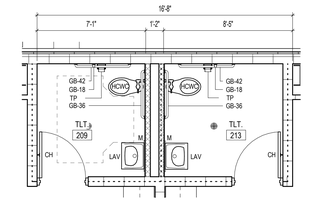
NORTH

5 A2.2 UPPER LEVEL - AREA B
1/8" = 1'-0"

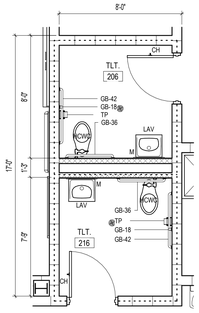


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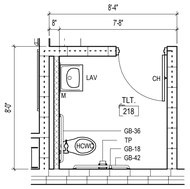
1 A2.2 MAIN LEVEL - AREA B
1/8" = 1'-0"



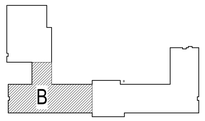
4 A2.2 ENLARGED PLAN (TYP.)
1/4" = 1'-0"



2 A2.2 ENLARGED PLAN
1/4" = 1'-0"



3 A2.2 ENLARGED PLAN
1/4" = 1'-0"



KEY PLAN

LEWIS ARCHITECTS ENGINEERS
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FLOOR PLAN - AREA B

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

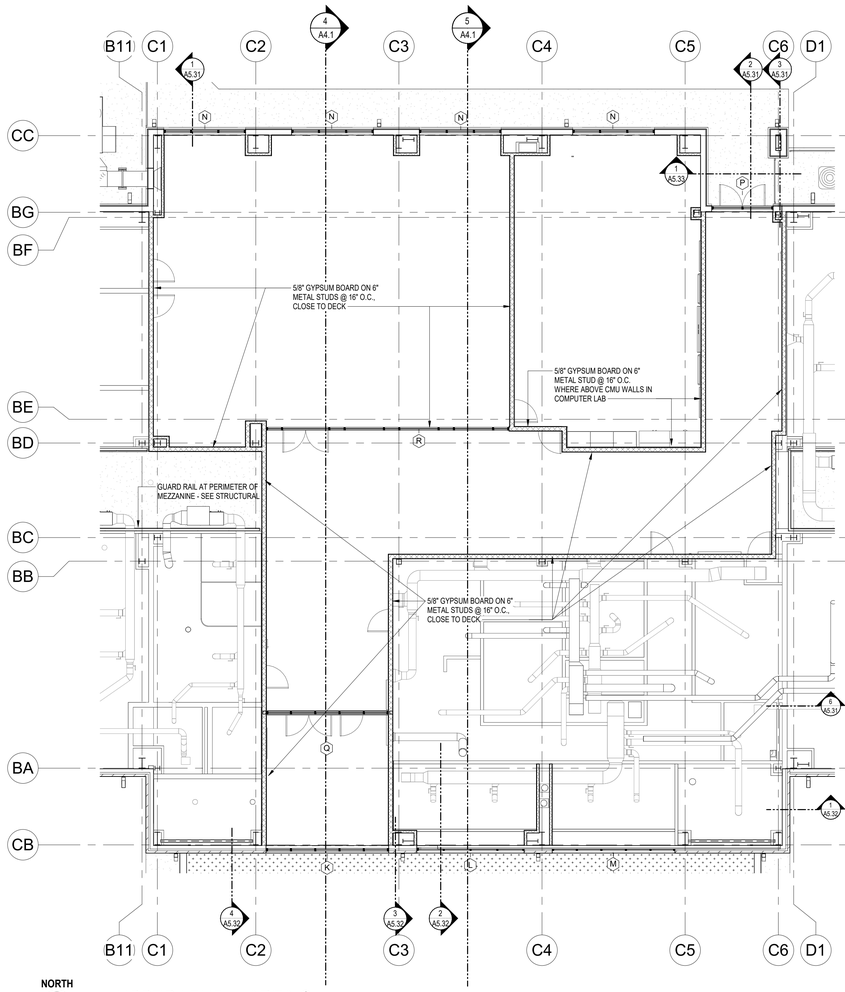
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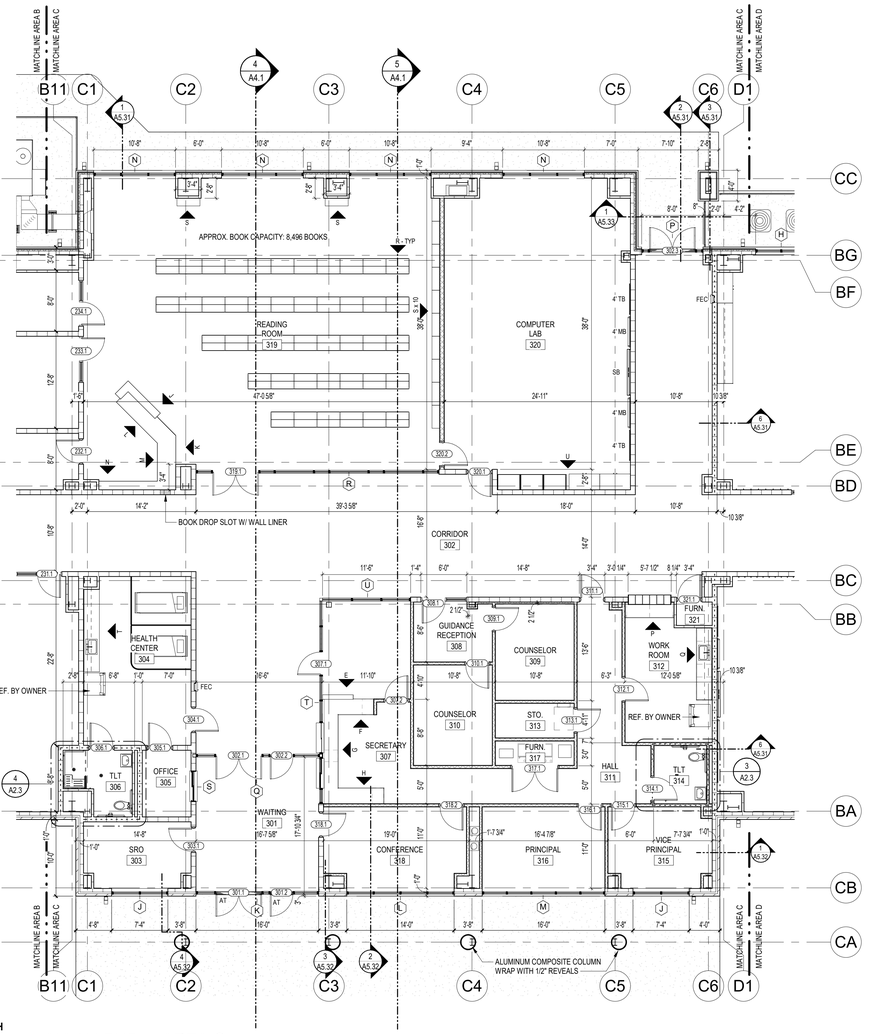
GENERAL NOTES

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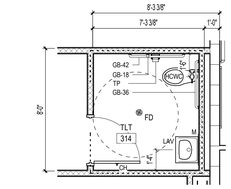
NORTH

22 A2.3 UPPER LEVEL - AREA C
1/8" = 1'-0"

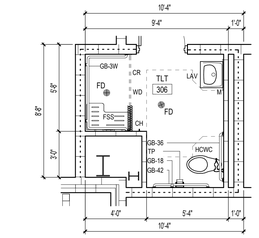


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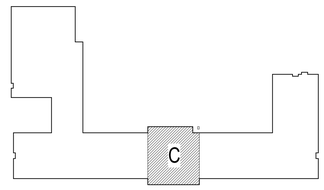
1 A2.3 MAIN LEVEL - AREA C
1/8" = 1'-0"



3 A2.3 ENLARGED PLAN
1/4" = 1'-0"



4 A2.3 ENLARGED PLAN
1/4" = 1'-0"



NORTH

KEY PLAN

LEWIS ARCHITECTS ENGINEERS
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FLOOR PLAN - AREA C

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

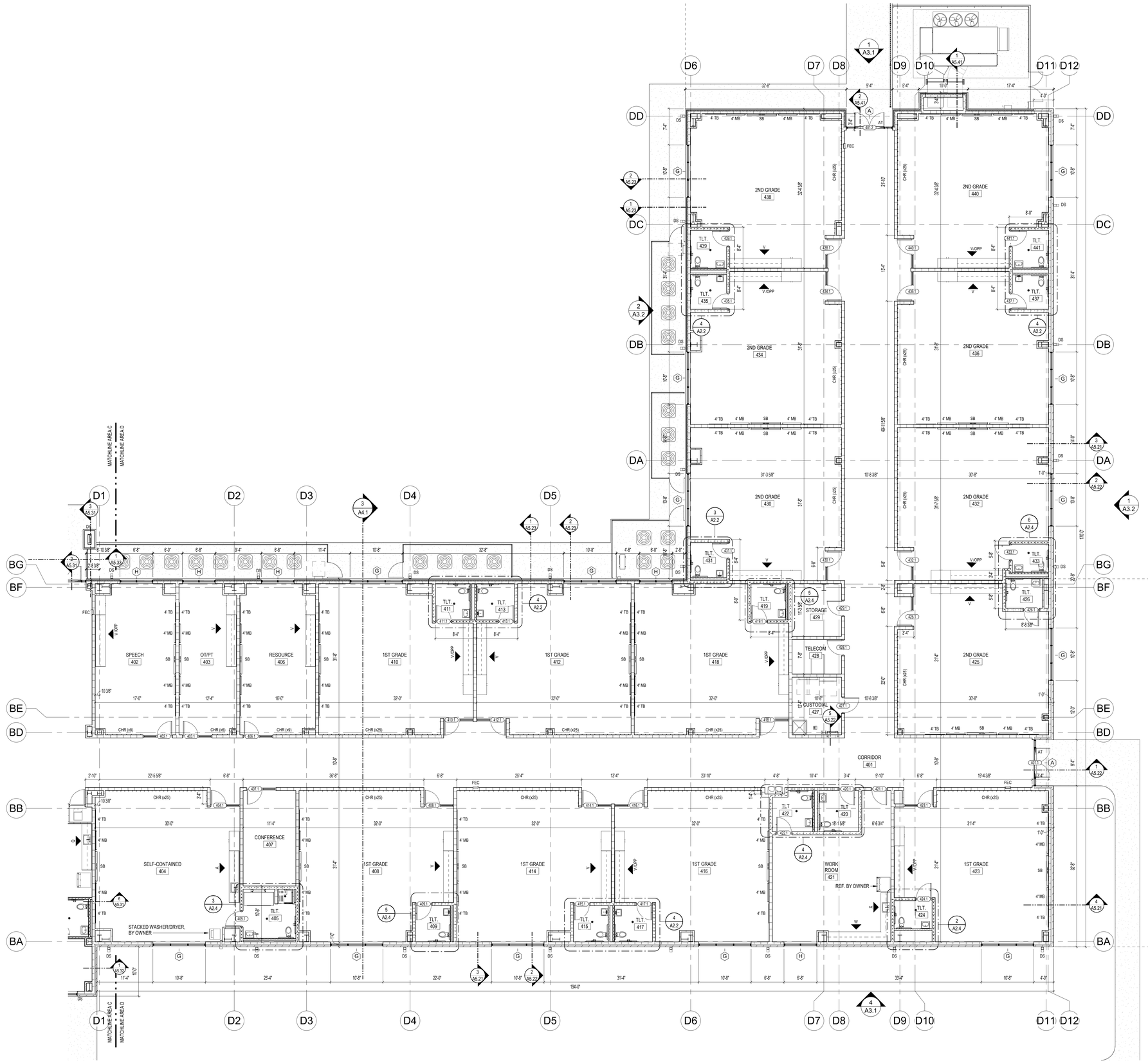
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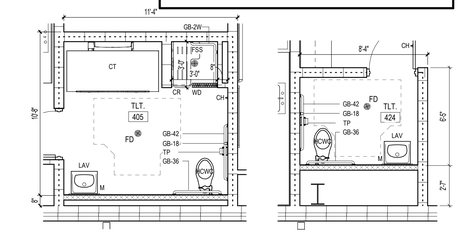
GENERAL NOTES

1. SEE OVERALL PLAN SHEET A2.0 FOR CODE DATA AND FIRE PROTECTION REQUIRMENTS AND METHODS
2. CONTRACTOR TO VISIT SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING PROJECT. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
3. INTERIOR LIGHT GAUGE METAL STUD WALLS
   1. WALLS SHALL BE FRAMED WITH 3 5/8" OR 6" (SEE PLAN) MEMBERS AT 16" O.C. w/ CONTINUOUS TRACK TOP AND BOTTOM, UNLESS NOTED OTHERWISE.
   2. EXTEND ALL WALLS 8" MIN. ABOVE CEILING
   3. WALLS WITHOUT AN ADJACENT FINISHED CEILING SHALL EXTEND TO DECK ABOVE
   4. LIGHT GAUGE FRAMING NOT SUFFICIENTLY BRACED BY INTERSECTING FRAMING OR REQUIRED BY HEIGHT OF FRAMING SHALL BE BRACED TO STRUCTURE WITH METAL STUD KICKERS (APPROXIMATELY 45 DEGREES) AT 48" ON CENTER MAXIMUM.
4. INTERIOR CONCRETE BLOCK WALLS
   1. WALLS SHALL BE 8" CMU (4" CMU AT CHASE WALLS, TOILET PARTITIONS, AND COLUMN WRAPS)
   2. WALL SHALL EXTEND TO 8" ABOVE HIGHEST ADJACENT CEILING
   3. WALLS WITHOUT AN ADJACENT FINISHED CEILING SHALL EXTEND TO 10'-8" AFF AND EXTEND TO DECK WITH METAL STUD FRAMING WITH 5/8" GYPSUM (EXPOSED SIDE(S)
   4. SEE STRUCTURAL DRAWINGS FOR REINFORCING
5. PRIVACY WALLS (BLOCK OR STUD) SHALL EXTEND TO FLOOR DECK OR 5'-0" ABOVE HIGHEST ADJACENT CEILING WITH L.G. METAL FRAMING AND 5/8" GYPSUM BOARD ON AT LEAST ONE SIDE. PRIVACY WALLS SHALL BE MARKED THUS:
6. INTERIOR DOORS NOT DIMENSIONS SHALL BE LOCATED AS FOLLOWS:
   1. HINGE SIDE ADJACENT TO INTERSECTING WALL (CMU), 4" OFF INTERSECTING WALL (STUD)
   2. LATCH SIDE 1'-4" OFF INTERSECTING WALL (STUD/CMU)
   3. CENTERED BETWEEN INTERSECTING WALLS (STUD/CMU)
7. PROVIDE HOUSEKEEPING PADS FOR ELECTRICAL AND MECHANICAL EQUIPMENT. VERIFY SIZE AND LOCATION WITH ELECTRICAL, PLUMBING, AND HVAC INSTALLERS AND MANUFACTURERS.
8. FOR SOUND TRANSFER CONTROL, FILL STUD WALLS WITH SOUND ATTENUATION BLANKETS. INSTALL BATT INSULATION ON ALL CEILING AROUND PERIMETER OF ROOMS EXTENDING 2'-0" FROM ALL INTERIOR WALLS UNLESS NOTED OTHERWISE IN REFLECTED CEILING PLAN NOTES.
9. GYPSUM BOARD EXPANSION JOINTS SHALL BE LOCATED 30'-0" O.C. MAXIMUM. VERIFY LOCATIONS WITH ARCHITECT. LOCATE ABOVE DOOR HEADS WHERE POSSIBLE.
10. FIELD VERIFY ALL DIMENSIONS FOR HANDRAILS, EQUIPMENT, ETC. PRIOR TO FABRICATION AND INSTALLATION
11. PROVIDE WOOD FOR BLOCKING WHERE BLOCKING IS REQUIRED. WHERE BLOCKING CONTACTS METAL FRAME, STUDS, ETC. SEPARATE WITH BUILDING FELT TO AVOID REACTIONS BETWEEN WOOD AND METALS.
12. ALL FIRE WALLS AND BARRIERS SHALL BE MARKED WITH SIGNAGE READING, "FIRE AND/OR SMOKE BARRIER- PROTECT ALL OPENINGS" ACCORDING TO 2021 ARKANSAS FIRE PREVENTION CODE SECTION 703.7. ALL PENETRATIONS SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRESTOP SYSTEM IN ACCORDANCE WITH UL 1479



1 A2.4 MAIN LEVEL - AREA D
1/8" = 1'-0"

NORTH



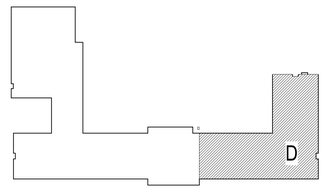
3 A2.4 ENLARGED PLAN
1/4" = 1'-0"

2 A2.4 ENLARGED PLAN
1/4" = 1'-0"

4 A2.4 ENLARGED PLAN
1/4" = 1'-0"

5 A2.4 ENLARGED PLAN
1/4" = 1'-0"

6 A2.4 ENLARGED PLAN
1/4" = 1'-0"



NORTH

KEY PLAN

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

FLOOR PLAN - AREA D

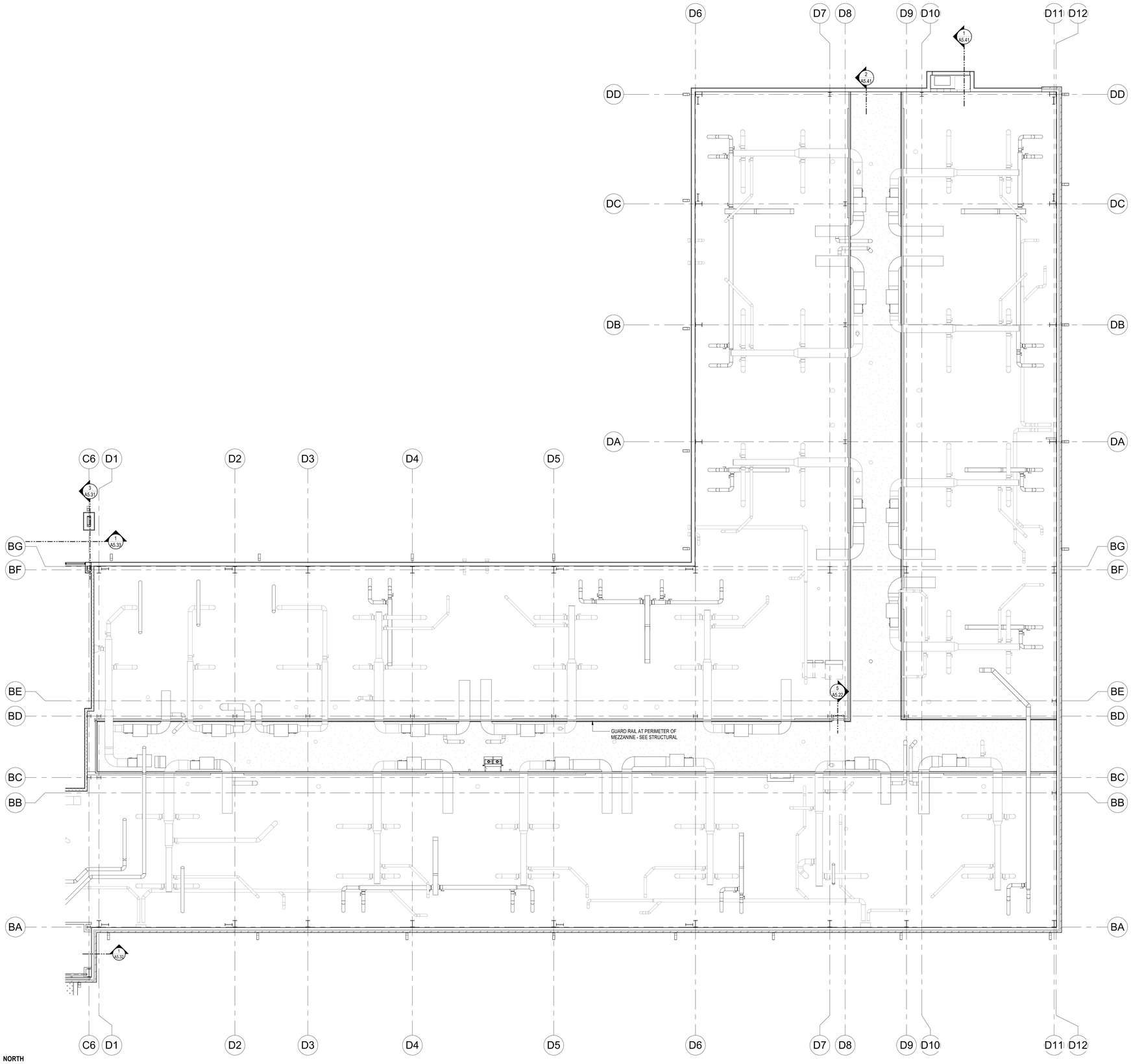
EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
ARKANSAS C-82
5/18/26

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: WSD/SP
REV:

A2.4



NORTH

1 A2.5 UPPER LEVEL - AREA D

1/8" = 1'-0"

GENERAL NOTES

1. SEE OVERALL PLAN SHEET A2.0 FOR CODE DATA AND FIRE PROTECTION REQUIRMENTS AND METHODS
2. CONTRACTOR TO VISIT SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING PROJECT. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
3. INTERIOR LIGHT GAUGE METAL STUD WALLS
   1. WALLS SHALL BE FRAMED WITH 3 5/8" OR 6". (SEE PLAN) MEMBERS AT 16" O.C. w/ CONTINUOUS TRACK TOP AND BOTTOM. UNLESS NOTED OTHERWISE.
   2. EXTEND ALL WALLS 6" MIN. ABOVE CEILING
   3. WALLS WITHOUT AN ADJACENT FINISHED CEILING SHALL EXTEND TO DECK ABOVE
   4. LIGHT GAUGE FRAMING NOT SUFFICIENTLY BRACED BY INTERSECTING FRAMING OR REQUIRED BY HEIGHT OF FRAMING SHALL BE BRACED TO STRUCTURE WITH METAL STUD KICKERS (APPROXIMATELY 45 DEGREES) AT 48" ON CENTER MAXIMUM.
4. INTERIOR CONCRETE BLOCK WALLS
   1. WALLS SHALL BE 8" CMU (4" CMU AT CHASE WALLS, TOILET PARTITIONS, AND COLUMN WRAPS)
   2. WALL SHALL EXTEND TO 8" ABOVE HIGHEST ADJACENT CEILING
   3. WALLS WITHOUT AN ADJACENT FINISHED CEILING SHALL EXTEND TO 10'-8" AFF AND EXTEND TO DECK WITH METAL STUD FRAMING WITH 5/8" GYPSUM (EXPOSED SIDE(S)
   4. SEE STRUCTURAL DRAWINGS FOR REINFORCING
5. PRIVACY WALLS (BLOCK OR STUD) SHALL EXTEND TO FLOOR DECK. OR 5'-0" ABOVE HIGHEST ADJACENT CEILING WITH L.G. METAL FRAMING AND 5/8" GYPSUM BOARD ON AT LEAST ONE SIDE. PRIVACY WALLS SHALL BE MARKED THUS:
6. INTERIOR DOORS NOT DIMENSIONS SHALL BE LOCATED AS FOLLOWS:
   1. HINGE SIDE ADJACENT TO INTERSECTING WALL (CMU), 4" OFF INTERSECTING WALL (STUD)
   2. LATCH SIDE 1'-4" OFF INTERSECTING WALL (STUD/CMU)
   3. CENTERED BETWEEN INTERSECTING WALLS (STUD/CMU)
7. PROVIDE HOUSEKEEPING PADS FOR ELECTRICAL AND MECHANICAL EQUIPMENT. VERIFY SIZE AND LOCATION WITH ELECTRICAL, PLUMBING, AND HVAC INSTALLERS AND MANUFACTURERS.
8. FOR SOUND TRANSFER CONTROL, FILL STUD WALLS WITH SOUND ATTENUATION BLANKETS. INSTALL BATT INSULATION ON ALL CEILING AROUND PERIMETER OF ROOMS EXTENDING 2'-0" FROM ALL INTERIOR WALLS UNLESS NOTED OTHERWISE IN REFLECTED CEILING PLAN NOTES.
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10. FIELD VERIFY ALL DIMENSIONS FOR HANDRAILS, EQUIPMENT, ETC. PRIOR TO FABRICATION AND INSTALLATION
11. PROVIDE WOOD FOR BLOCKING WHERE BLOCKING IS REQUIRED. WHERE BLOCKING CONTACTS METAL FRAME, STUDS, ETC. SEPARATE WITH BUILDING FELT TO AVOID REACTIONS BETWEEN WOOD AND METALS.
12. ALL FIRE WALLS AND BARRIERS SHALL BE MARKED WITH SIGNAGE READING, "FIRE AND/OR SMOKE BARRIER- PROTECT ALL OPENINGS" ACCORDING TO 2021 ARKANSAS FIRE PREVENTION CODE SECTION 703.7. ALL PENETRATIONS SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRESTOP SYSTEM IN ACCORDANCE WITH UL 1479

LEWIS ARCHITECTS ENGINEERS
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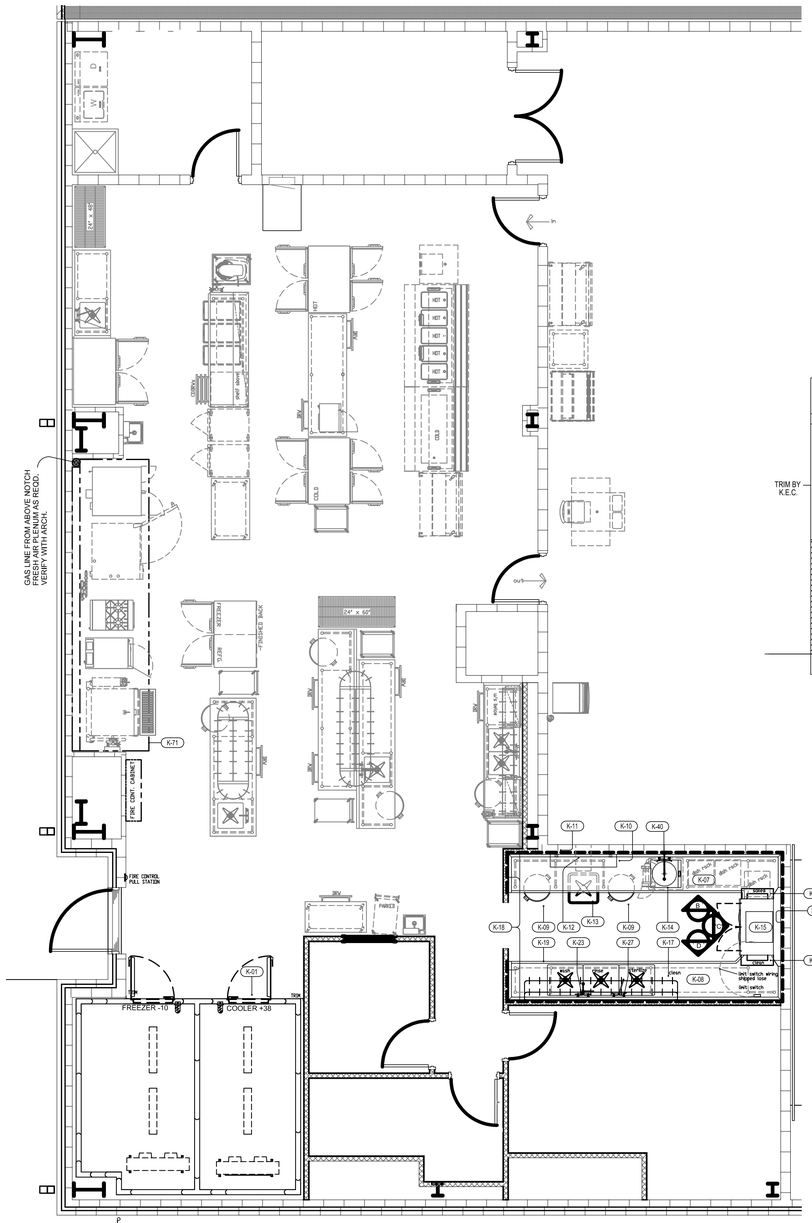
FLOOR PLAN - AREA D

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

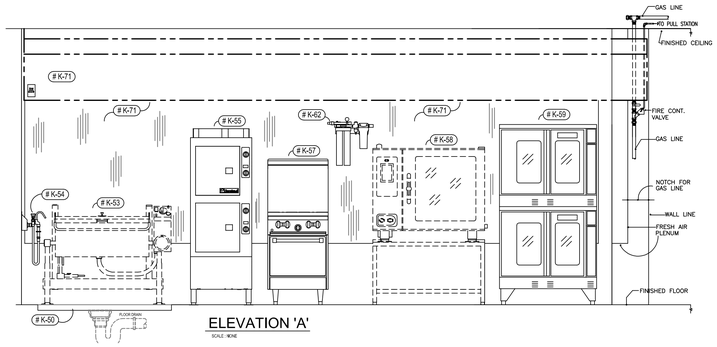
REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
No. 82
ARKANSAS
5/18/26

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: WSD/SP
REV:

A2.5



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

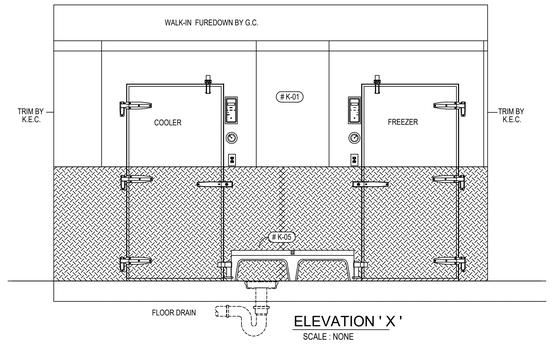


ELEVATION 'A'
SCALE: NONE

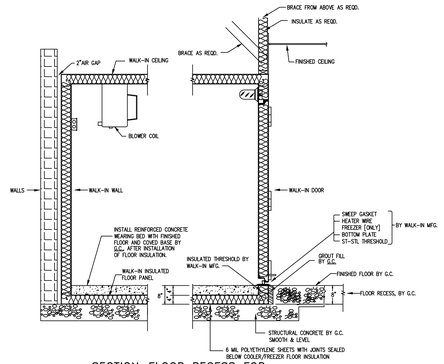
ITEM #	QUAN.	DESCRIPTION	REMARKS	SOURCE
K-01	1	WALK-IN COOLER/FREEZER		C.F.C.I.
K-07	1	DISHTABLE (SOILED SIDE)		C.F.C.I.
K-08	1	DISHTABLE (CLEAN SIDE)	INTEGRAL WITH POT/PAN SINK # K-19	C.F.C.I.
K-09	LOT	TRASH CANS	BY OWNER	C.F.C.I.
K-10	1	ROLL-UP DOOR	BY OTHERS	C.F.C.I.
K-11	1	TRAY RETURN WINDOW, HEAD, JAMB & SILL	INTEGRAL WITH DISHTABLE	C.F.C.I.
K-12	1	SILVERWARE CHUTE	SLOPE TO SOAK SINK	C.F.C.I.
K-13	1	SILVER SOAK SINK	MOBILE	C.F.C.I.
K-14	1	"SALVAJOR" SCRAP COLLECTOR		C.F.C.I.
K-15	1	DISHMACHINE WITH 70 deg. BOOSTER HEATER	209 RACKS per HOUR	C.F.C.I.
K-16	LOT	DISHMACHINE VENT DUCTS TO 6" ABOVE CEILING	SEE MECHANICAL DETAILS	C.F.C.I.
K-17	1	POT/PAN RACK	WALL MOUNTED WITH S/S PANEL AT WALL	C.F.C.I.
K-18	LOT	S/S WALL PANELS	FULL HEIGHT, ALL WALLS IN DISHROOM	C.F.C.I.
K-19	1	POT/PAN SINK, (3) COMPARTMENTS	SIZE TO ACCOMMODATE 18" x 26" BUN PANS	C.F.C.I.
K-23	4	FAUCETS 'MINI' PRE-RINSE' SPLASH MTD.	WITH ADD-ON SPOUT	C.F.C.I.
K-27	1	FAUCET, SPLASH MOUNT STANDARD		C.F.C.I.
K-40	1	PRE-RINSE FAUCET	STANDARD HEIGHT	C.F.C.I.
K-71	LOT	EHAUST HOODS, WITH FIRE CONTROL	HOODS FANS & DUCTWORK BY H.V.A.C.	C.F.C.I.

NOTE:
C.F.C.I = CONTRACTOR FURNISHED = CONTRACTOR INSTALLED
O.F.C.I = OWNER FURNISHED .....= CONTRACTOR INSTALLED
"ALL" FINAL CONNECTIONS, PLUMBING, ELECTRICAL & H.V.A.C. BY RESPECTIVE TRADES
"ALL" OWNER FURNISHED EQUIPMENT TO BE DELIVERED, UNCREATED, AND SET IN PLACE, MADE READY FOR "FINAL CONNECTIONS" BY RESPECTIVE TRADES

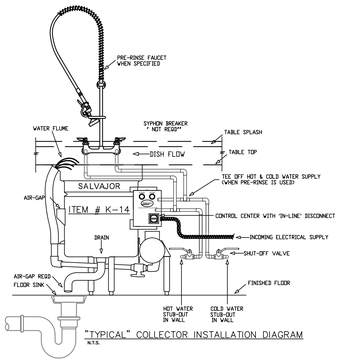
ANY REFERENCE TO "CONTRACTOR" ABOVE, IT SHALL BE UNDERSTOOD TO BE SAME AS CONSTRUTION MANAGER



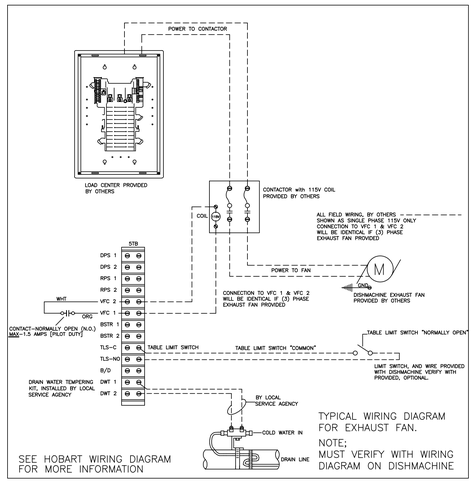
ELEVATION ' X '
SCALE : NONE

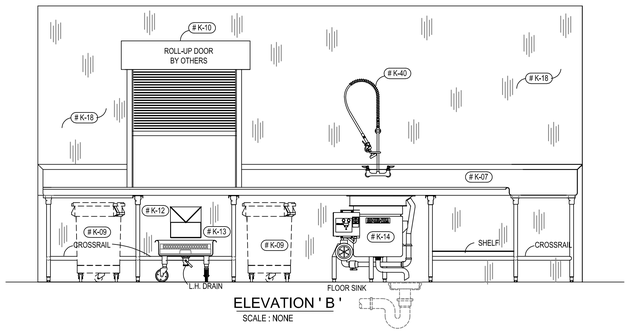


SECTION–FLOOR RECESS FOR WALK–IN COOLER/FREEZER

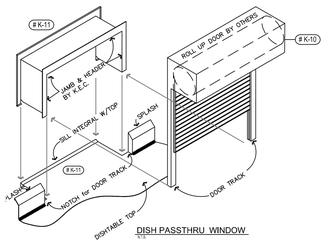


"TYPICAL" COLLECTOR INSTALLATION DIAGRAM
N.T.S.

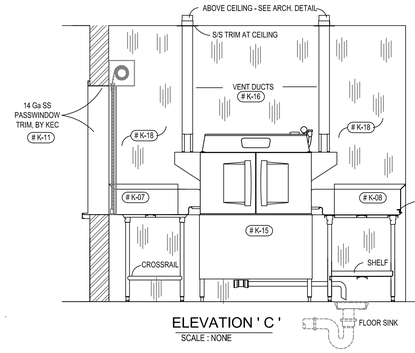




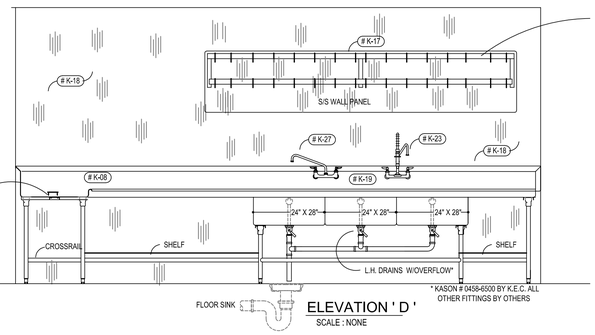
ELEVATION ' B '
SCALE : NONE



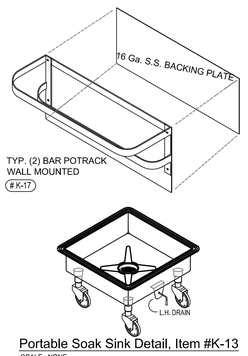
DISH PASSTHRU WINDOW
N.T.S.



ELEVATION ' C '
SCALE : NONE



ELEVATION ' D '
SCALE : NONE



Portable Soak Sink Detail, Item #K-13
SCALE : NONE

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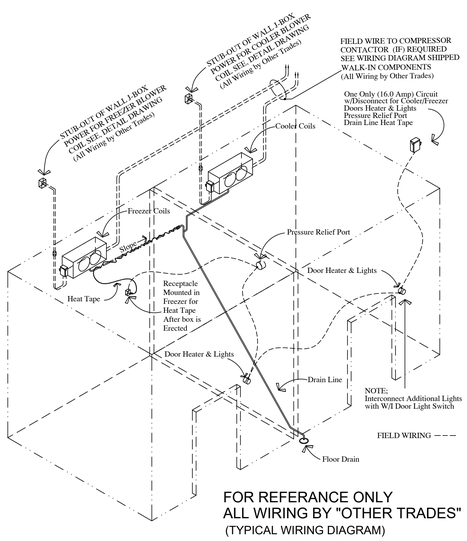
ENLARGED KITCHEN PLAN

NEW ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
No. C-82
ARKANSAS
5/8/26

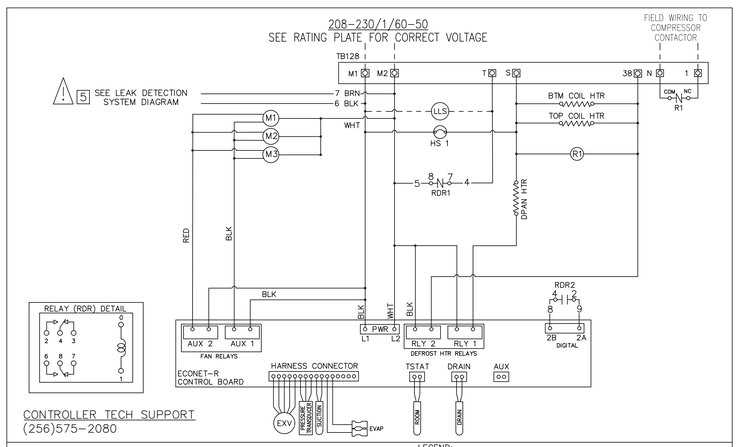
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: WSD
REV:

A2.6



FOR REFERANCE ONLY
ALL WIRING BY "OTHER TRADES"
(TYPICAL WIRING DIAGRAM)

208-230/1/60-50
SEE RATING PLATE FOR CORRECT VOLTAGE



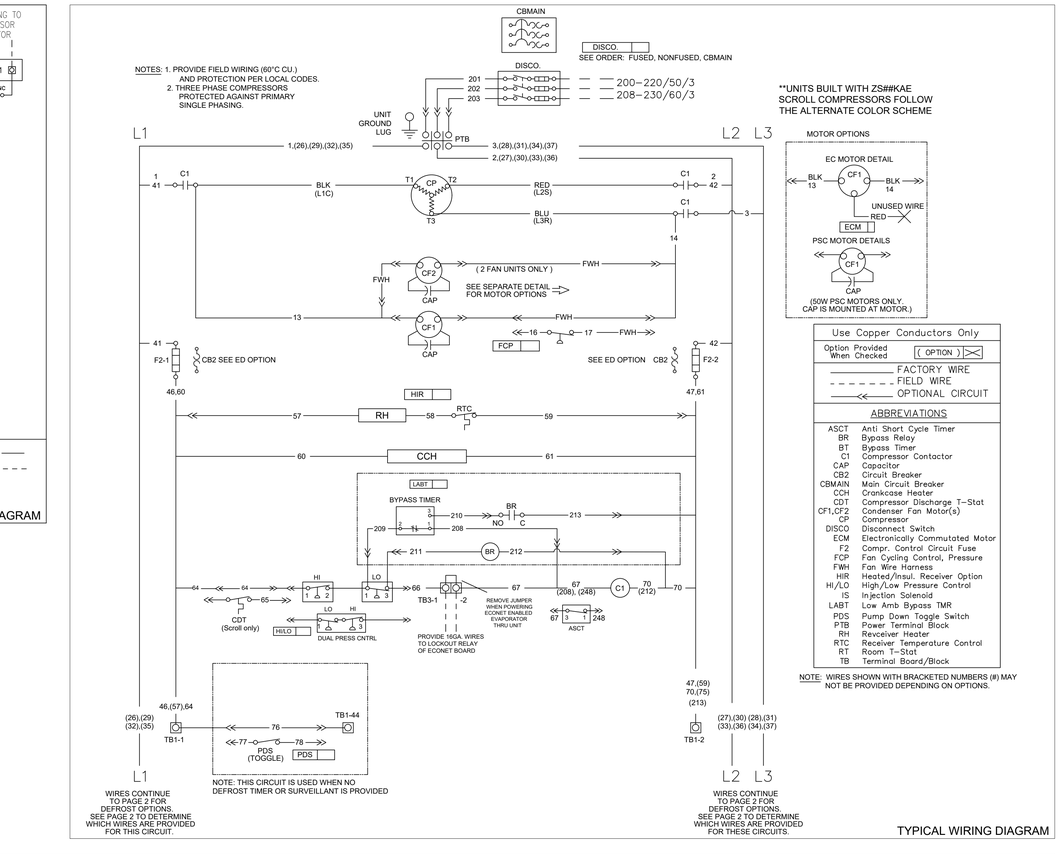
CONTROLLER TECH SUPPORT
(256)575-2080

NOTES:
1. USE COPPER CONDUCTORS ONLY
2. UNIT MUST BE GROUNDED
3. FOR MOTOR AMPS SEE RATING STICKER ON OUTSIDE OF UNIT
4. JUMPERS ARE 16 GA UNLESS OTHERWISE SPECIFIED.
5. MATCH POLARITY WHEN WIRING MULTIPLE EVAPS, FAILURE TO DO SO MAY CAUSE EQUIPMENT LOCKOUT AND/OR DAMAGE
6. M1 AND M2 CONNECTION TO LEAK DETECTOR SYSTEM

LEGEND:
EXV – ELECTRONIC EXPANSION VALVE
HS – HEATER SAFETY
HTR – HEATER
LLS – LIQUID LINE SOLENOID
M# – MOTOR #1, ETC.
RDR# – REFRIGERANT DETECTION RELAY #1, ETC
R# – RELAY #1, ETC.
TB – TERMINAL BOARD

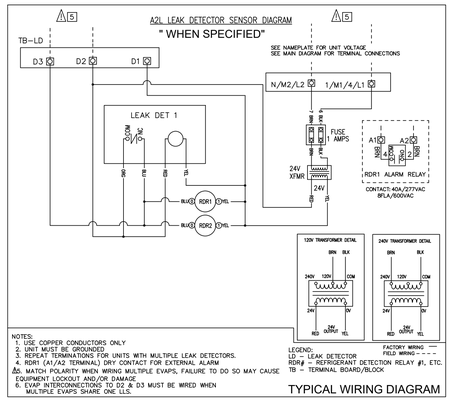
FACTORY WIRING ——
FIELD WIRING – – –

TYPICAL WIRING DIAGRAM



TYPICAL WIRING DIAGRAM

CONNECT INCOMING POWER LEADS FROM DISCONNECT SWITCH TO L1, L2, AND L3 CONSISTANT WITH NAMEPLATE FOR VOLTAGE AND FREQUENCY PRE MANUFACTUERS PROVIDED WIRING DIAGRAM, USE COPPER CONDUCTORS ONLY



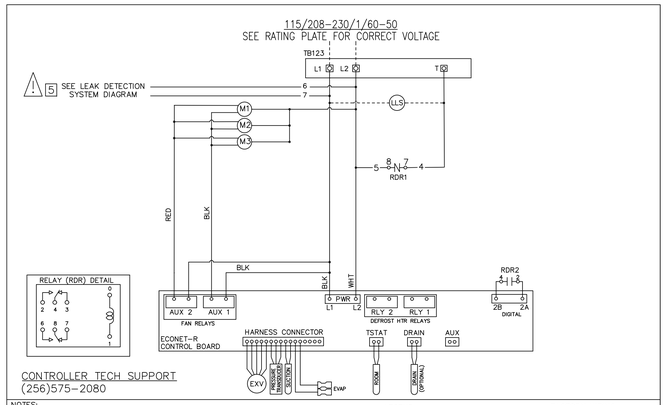
NOTES:
1. USE COPPER CONDUCTORS ONLY
2. UNIT MUST BE GROUNDED
3. REPEAT TERMINATIONS FOR UNITS WITH MULTIPLE LEAK DETECTORS.
4. RDR1 (A1,A2 TERMINAL) DRY CONTACT FOR EXTERNAL ALARM
5. MATCH POLARITY WHEN WIRING MULTIPLE EVAPS, FAILURE TO DO SO MAY CAUSE EQUIPMENT LOCKOUT AND/OR DAMAGE.
6. EVAP INTERCONNECTIONS TO D2 & D3 MUST BE WIRED WHEN MULTIPLE EVAPS SHARE ONE LLS.

LEGEND:
LD – LEAK DETECTOR
RDR# – REFRIGERANT DETECTION RELAY #1, ETC.
TB – TERMINAL BOARD/BLOCK

FACTORY WIRING —
FIELD WIRING - - - -

TYPICAL WIRING DIAGRAM

115/208-230/1/60-50
SEE RATING PLATE FOR CORRECT VOLTAGE



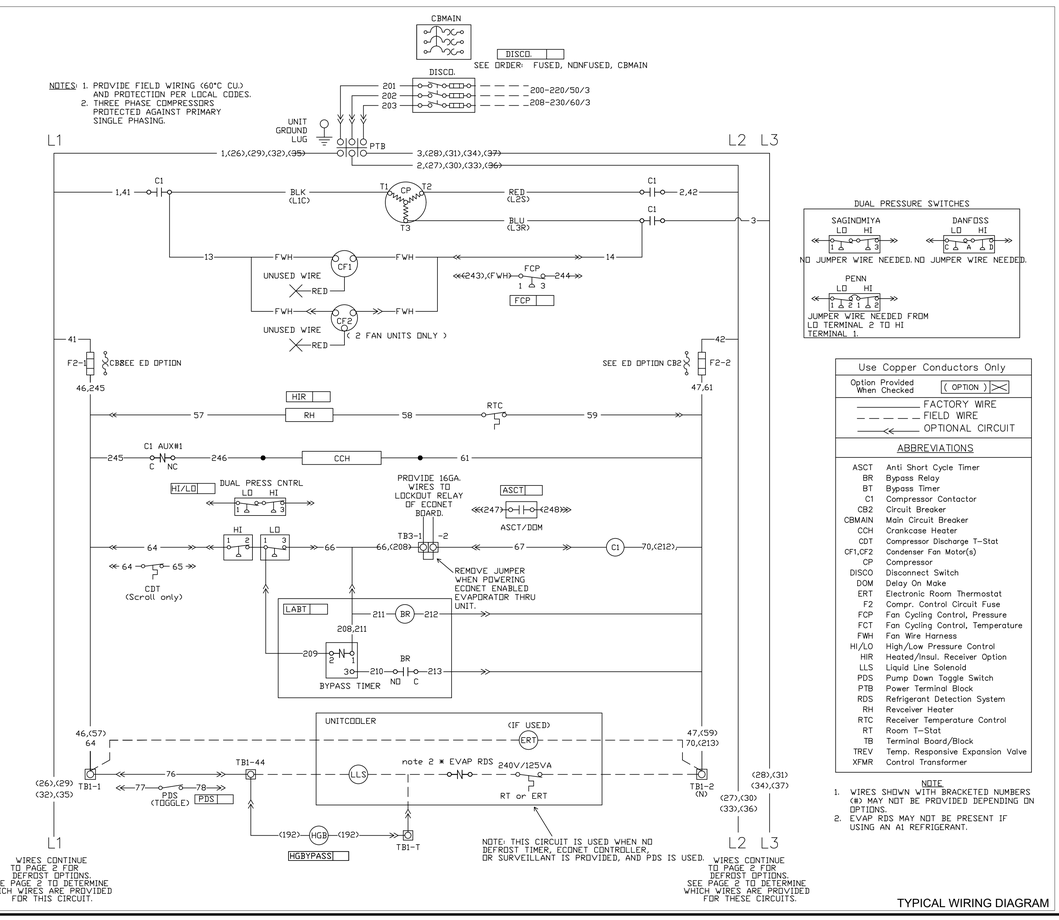
CONTROLLER TECH SUPPORT
(256)575-2080

NOTES:
1. USE COPPER CONDUCTORS ONLY
2. UNIT MUST BE GROUNDED
3. FOR MOTOR AMPS SEE RATING STICKER ON OUTSIDE OF UNIT
4. JUMPERS ARE 16 GA UNLESS OTHERWISE SPECIFIED.
5. MATCH POLARITY WHEN WIRING MULTIPLE EVAPS, FAILURE TO DO SO MAY CAUSE EQUIPMENT LOCKOUT AND/OR DAMAGE
6. L1 AND L2 CONNECTION TO LEAK DETECTOR SYSTEM

LEGEND:
EXV – ELECTRONIC EXPANSION VALVE
LLS – LIQUID LINE SOLENOID
M# – MOTOR #1, ETC.
R# – RELAY #1, ETC.
RDR# – REFRIGERANT DETECTION RELAY #1, ETC
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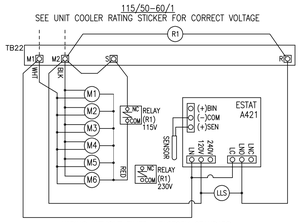
FACTORY WIRING ——
FIELD WIRING .....

TYPICAL WIRING DIAGRAM



TYPICAL WIRING DIAGRAM

TYPICAL CONDENSING UNIT & EVAPORATOR COIL WIRING DIAGRAMS.
CONTRACTOR SHALL VERIFY ALL CONNECTIONS AGAINST
THE MANUFACTURER'S PROVIDED WIRING DIAGRAM.

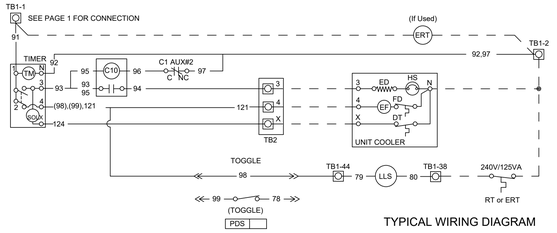


TYPICAL WIRING DIAGRAM

Option Provided When Checked (OPTION)
FACTORY WIRE
FIELD WIRE
INSERTION BREAK

ABBREVIATIONS

CS	Evaporator Fan Contactor
C6,C7,C8	Defrost Heater Contactor(s)
C10	Defr. Htr. Block-out Contactor
C1 AUX#2	C1 Auxiliary Switch
DT	Defrost Termination Thermostat
DTFD	Defrost Termination/Fan Delay
ED	Electric Defrost Heater(s)
EF	Evaporator Fan Motor(s)
ERT	Electronic Room Thermostat
F5	Evap. Fan Fuse(s)
F6,F7,F8	Evap. Heater Fuse(s)
FD	Fan Delay Thermostat
HGS	Hot Gas Solenoid
HS	Heater Safety
LLS	Liquid Line Solenoid
PDS	Pump Down Switch
R6,R7,R8	Defrost Htr. Sequence Relay(s)
RT	Room Thermostat
SOL	Timer Reset Solenoid
TB	Terminal Board/Block
TM	Timer Motor



TYPICAL WIRING DIAGRAM

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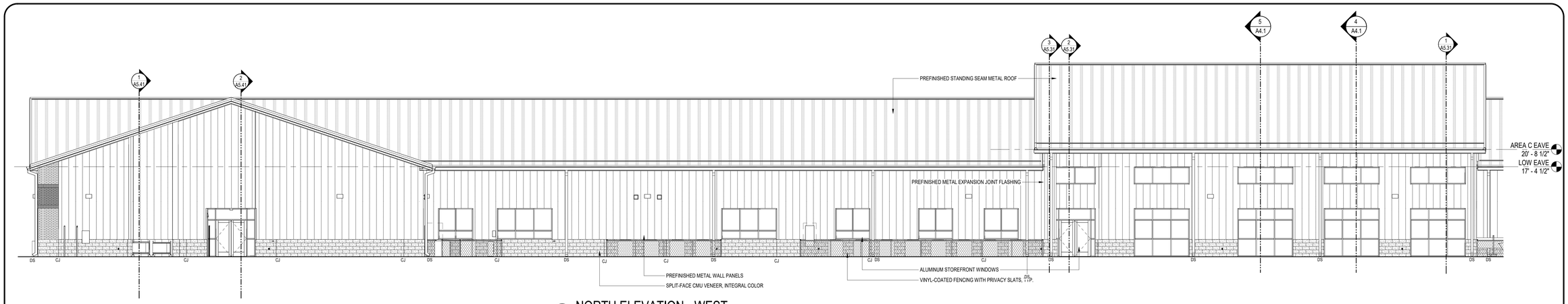
KITCHEN DETAILS

NEW ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

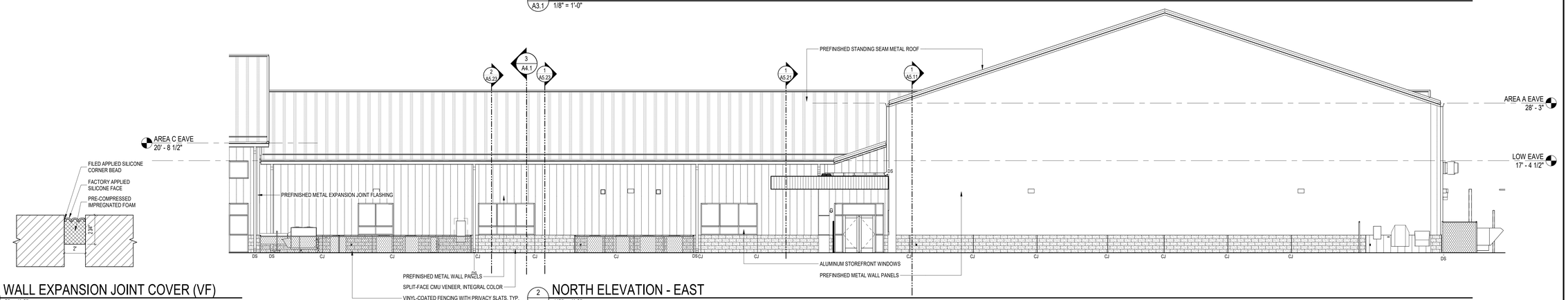
REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, ASSOCIATES
ARKANSAS
NO. C-82
5/18/26

DATE: 2026-05-18
PROJECT NO: 25053
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A2.7

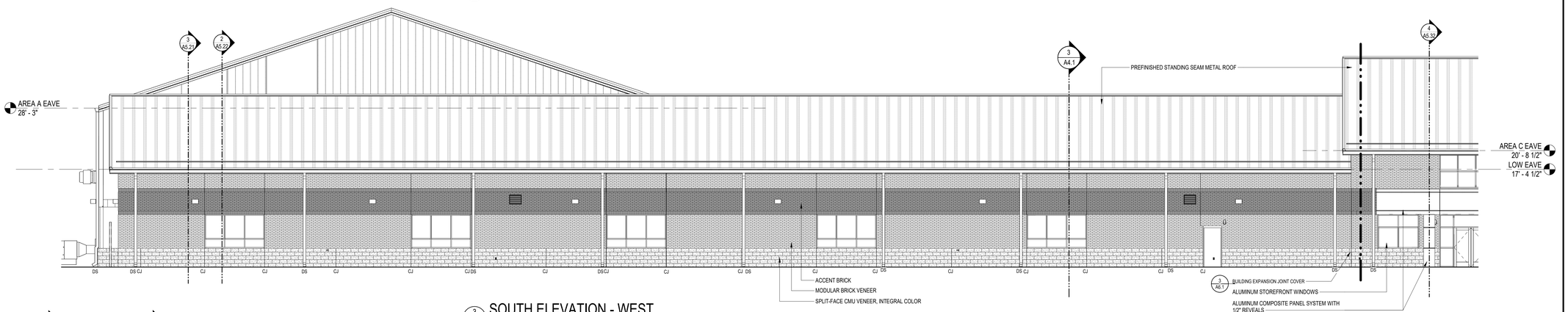


1 A3.1 NORTH ELEVATION - WEST
1/8" = 1'-0"

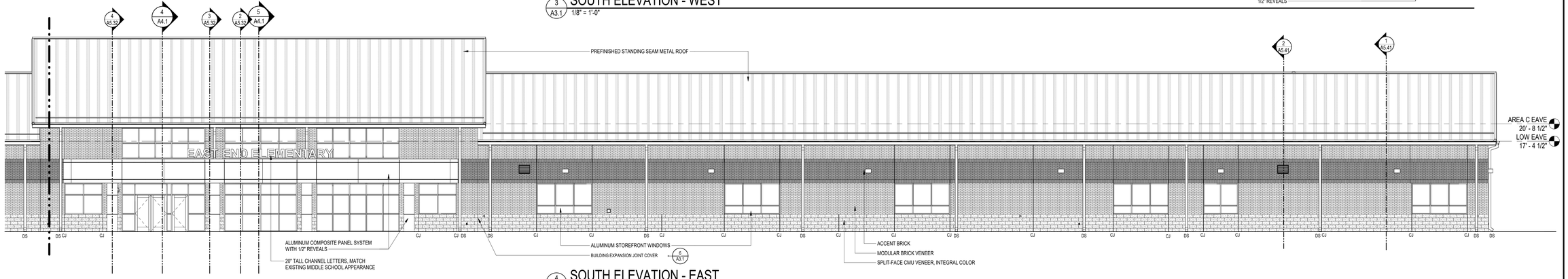


6 A3.1 WALL EXPANSION JOINT COVER (VF)
3" = 1'-0"

2 A3.1 NORTH ELEVATION - EAST
1/8" = 1'-0"



3 A3.1 SOUTH ELEVATION - WEST
1/8" = 1'-0"



4 A3.1 SOUTH ELEVATION - EAST
1/8" = 1'-0"

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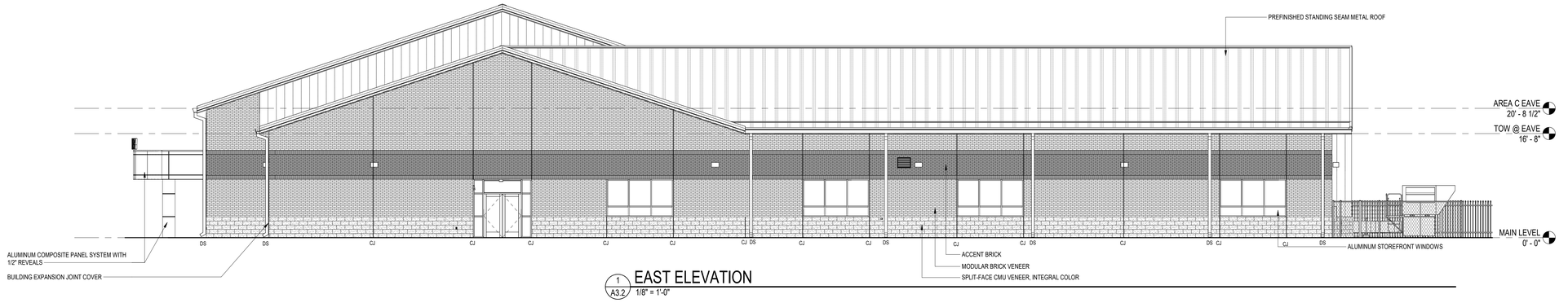
BUILDING ELEVATIONS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

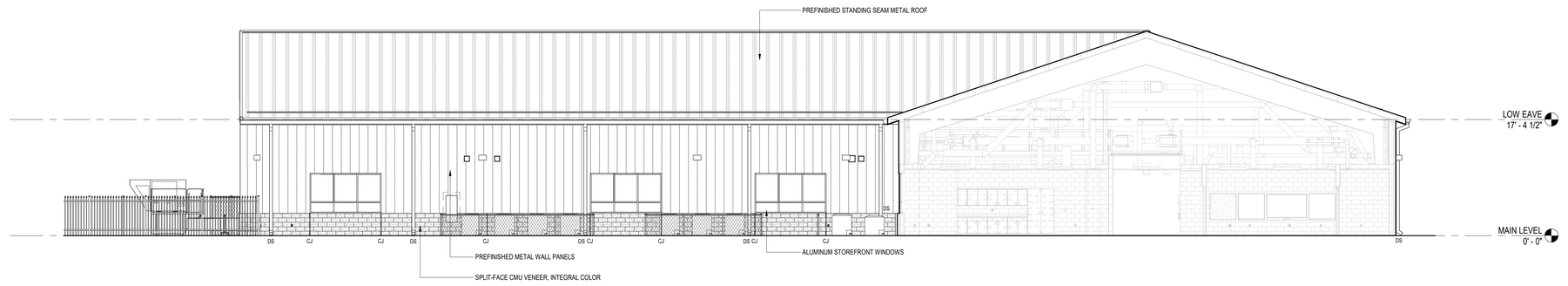
REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INCORPORATED
No. C-82
ARKANSAS
5/18/26

DATE: 2026 05-18
PROJECT NO: 25053
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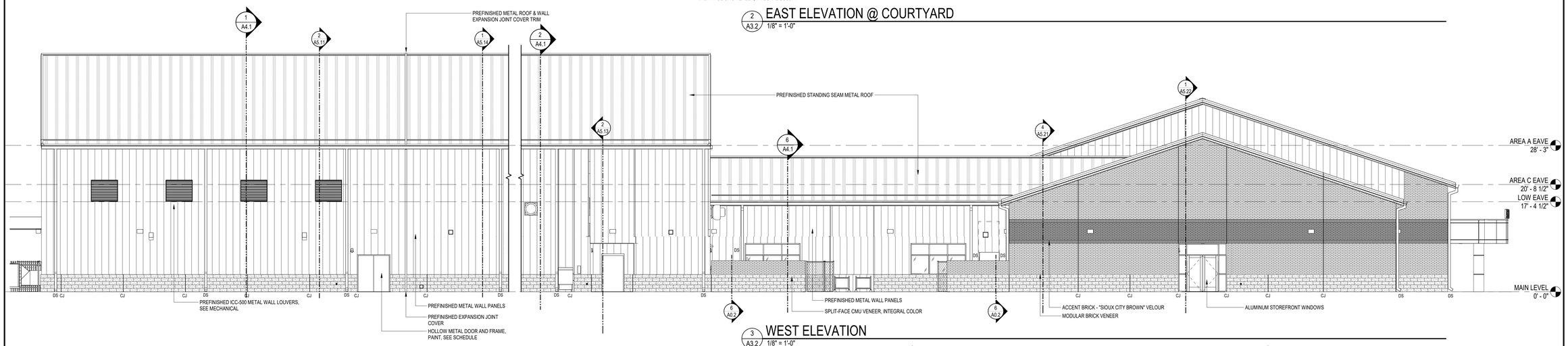
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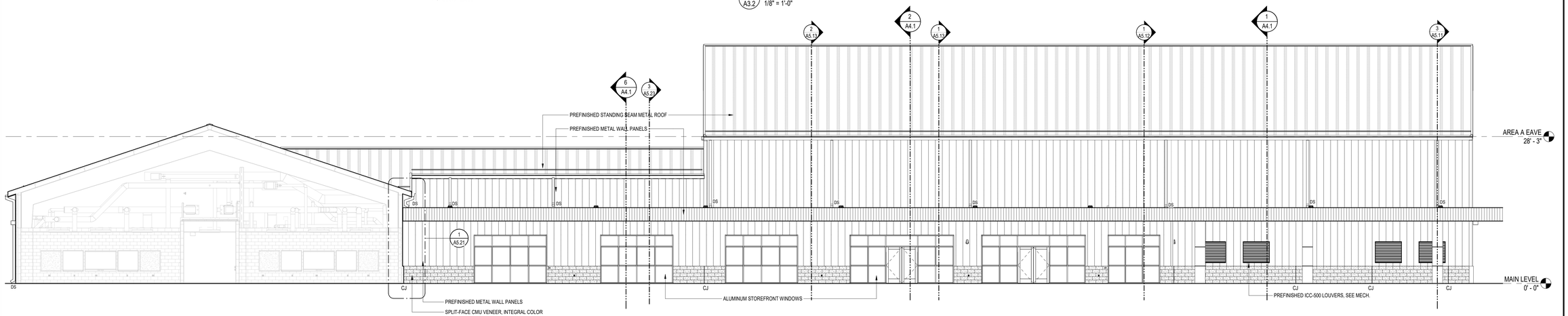
1 A3.2 EAST ELEVATION
1/8" = 1'-0"



2 A3.2 EAST ELEVATION @ COURTYARD
1/8" = 1'-0"



3 A3.2 WEST ELEVATION
1/8" = 1'-0"



4 A3.2 WEST ELEVATION @ COURTYARD
1/8" = 1'-0"

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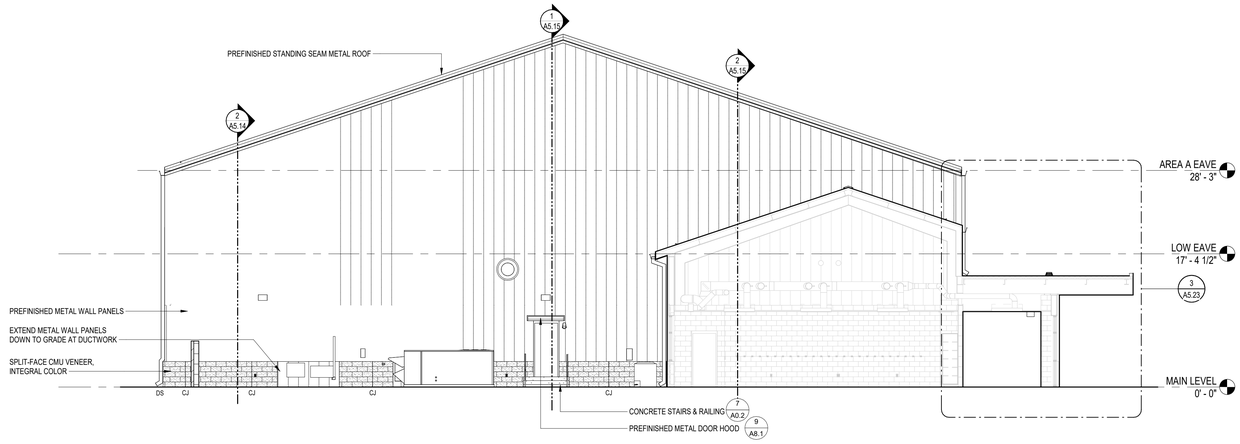
BUILDING ELEVATIONS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

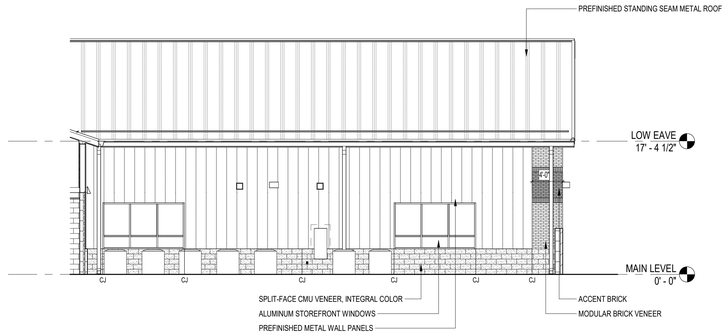
REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
ARKANSAS
No. C-82
5/18/26

DATE: 2026 05-18
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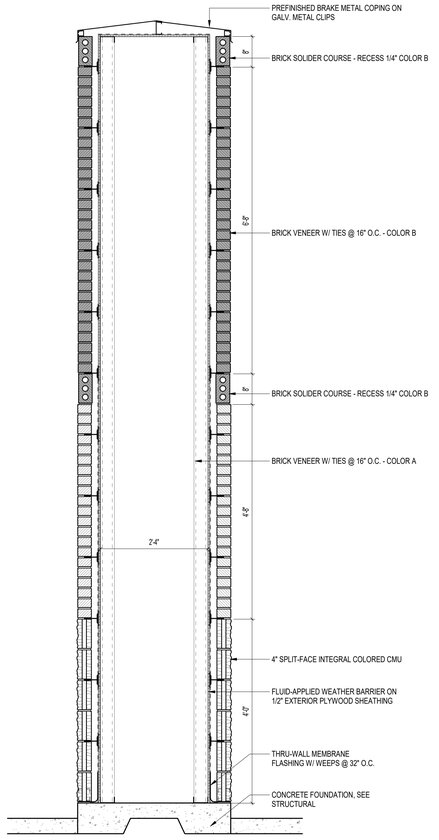
A3.2



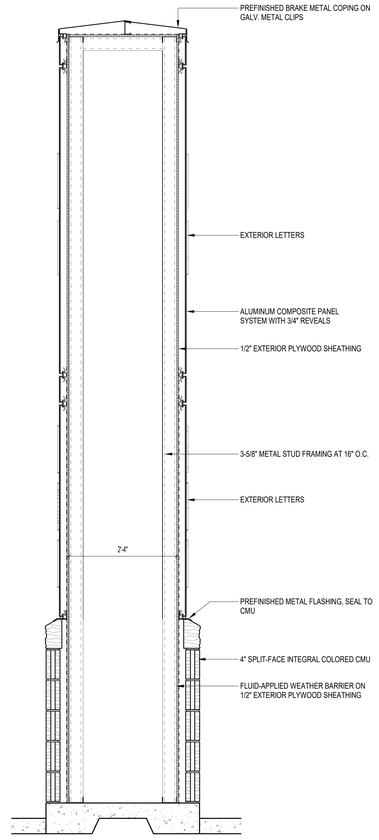
1 A3.3 AREA A SOUTH
1/8" = 1'-0"



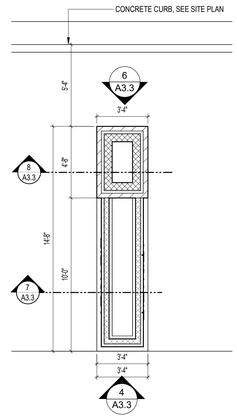
2 A3.3 AREA B NORTH
1/8" = 1'-0"



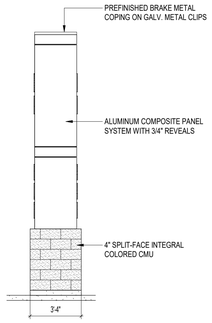
8 A3.3 SECTION
3/4" = 1'-0"



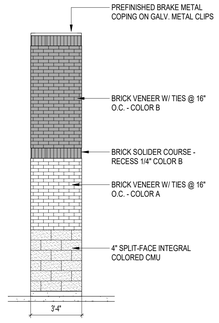
7 A3.3 SECTION
3/4" = 1'-0"



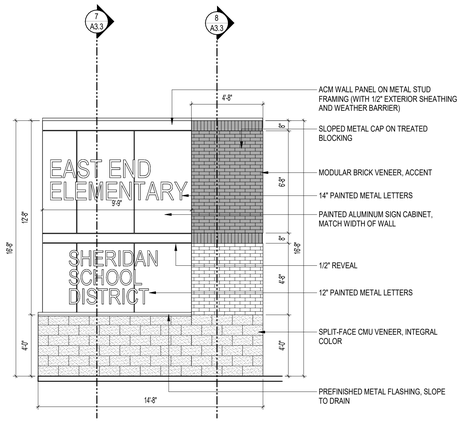
3 A3.3 MONUMENT SIGN
1/4" = 1'-0"



4 A3.3 SIGN - SOUTH
1/4" = 1'-0"



6 A3.3 SIGN - NORTH
1/4" = 1'-0"



5 A3.3 SIGN EAST/WEST
1/4" = 1'-0"

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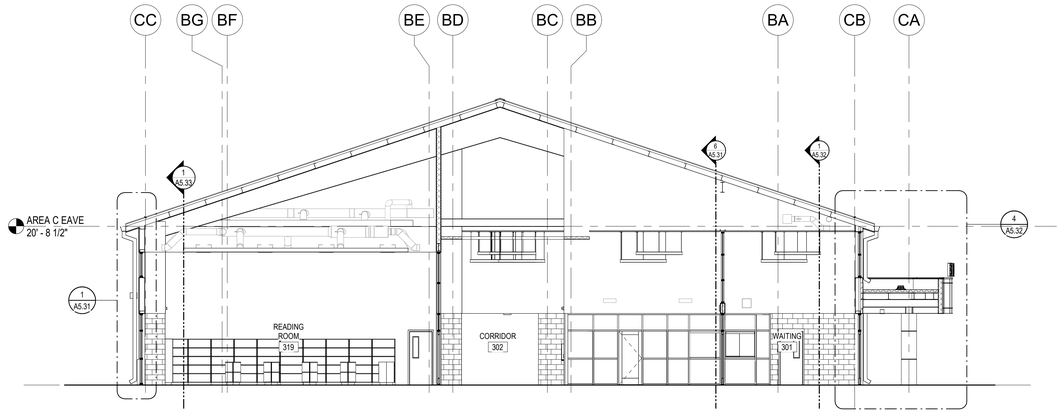
BUILDING ELEVATIONS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

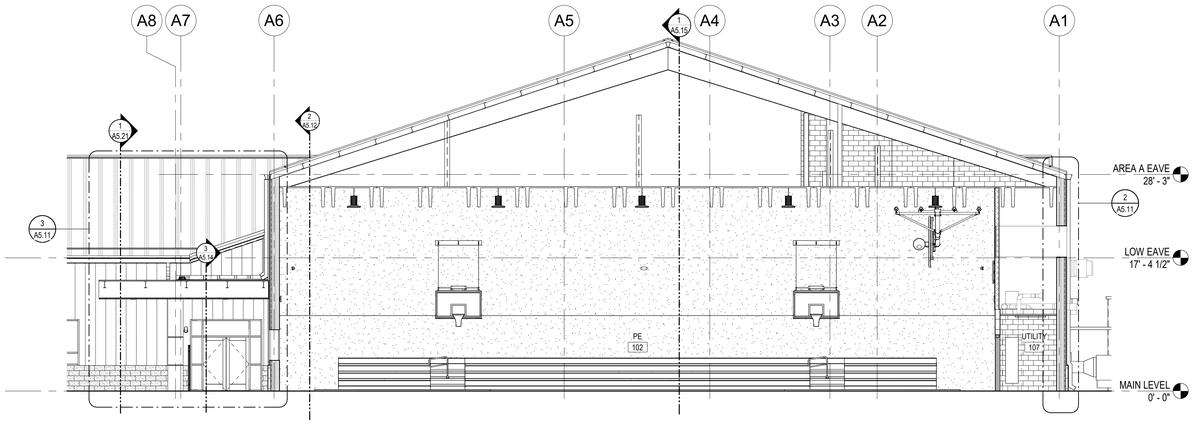
REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD
NO. C-92
ARKANSAS
5/18/26

DATE: 2026-05-18
PROJECT NO: 25053
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A3.3



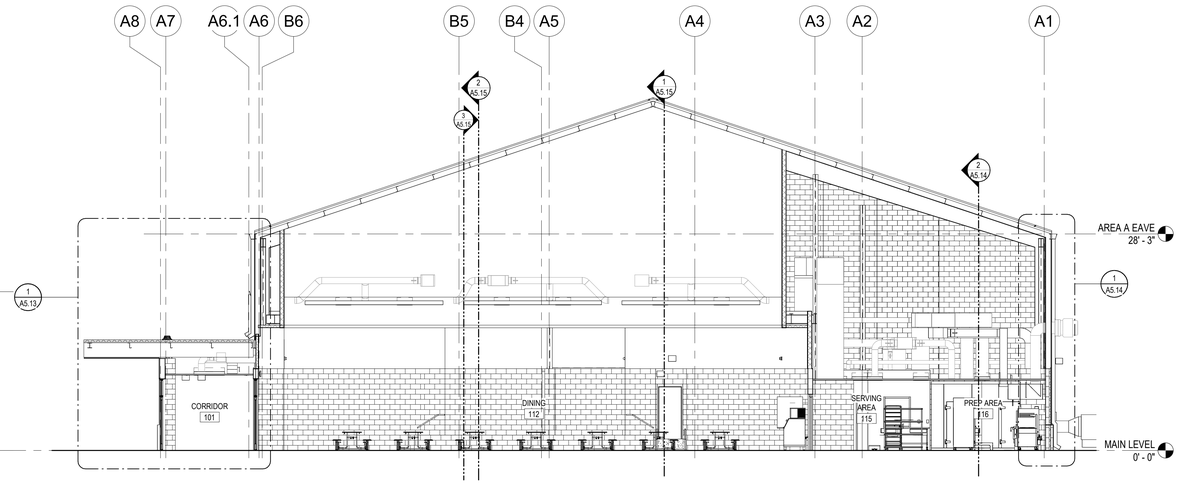
4 BUILDING SECTION @ MEDIA CENTER
A4.1 1/8" = 1'-0"



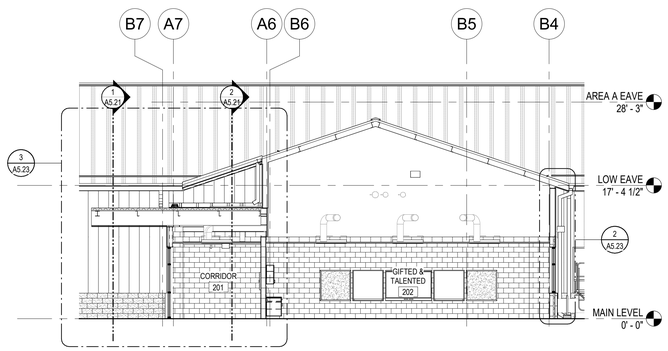
1 BUILDING SECTION @ PE
A4.1 1/8" = 1'-0"



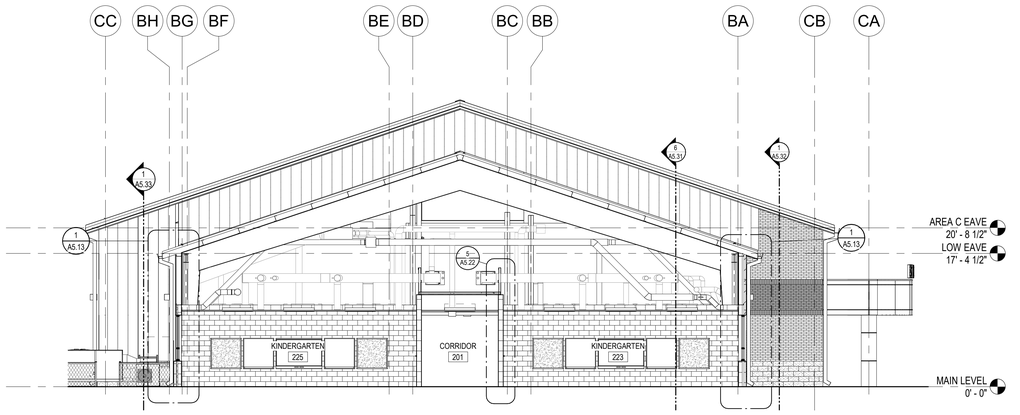
5 BUILDING SECTION @ ADMIN.
A4.1 1/8" = 1'-0"



2 BUILDING SECTION @ DINING
A4.1 1/8" = 1'-0"



6 BUILDING SECTION @ GT
A4.1 1/8" = 1'-0"



3 BUILDING SECTION @ CLASSROOMS
A4.1 1/8" = 1'-0"

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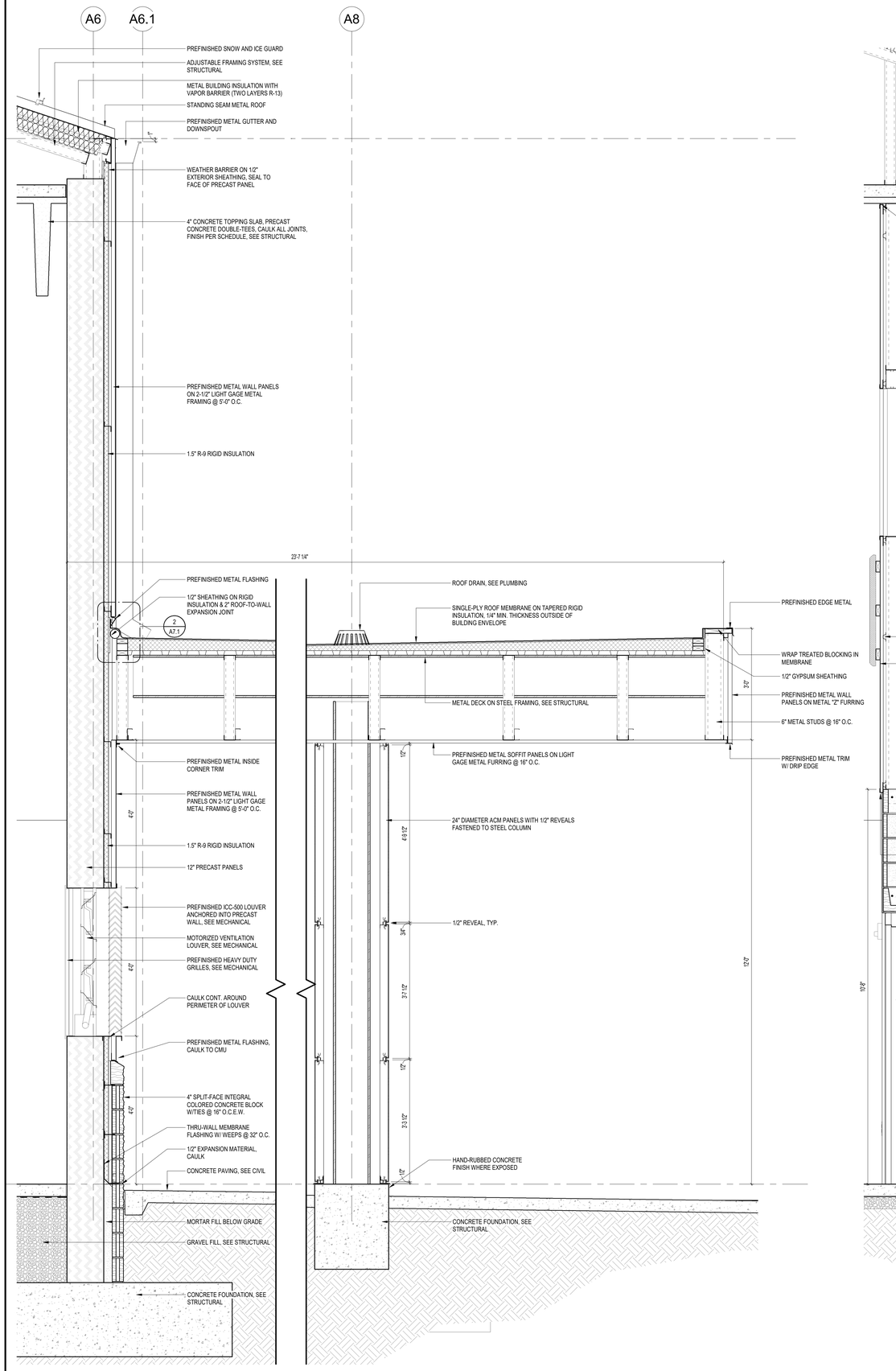
BUILDING SECTIONS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

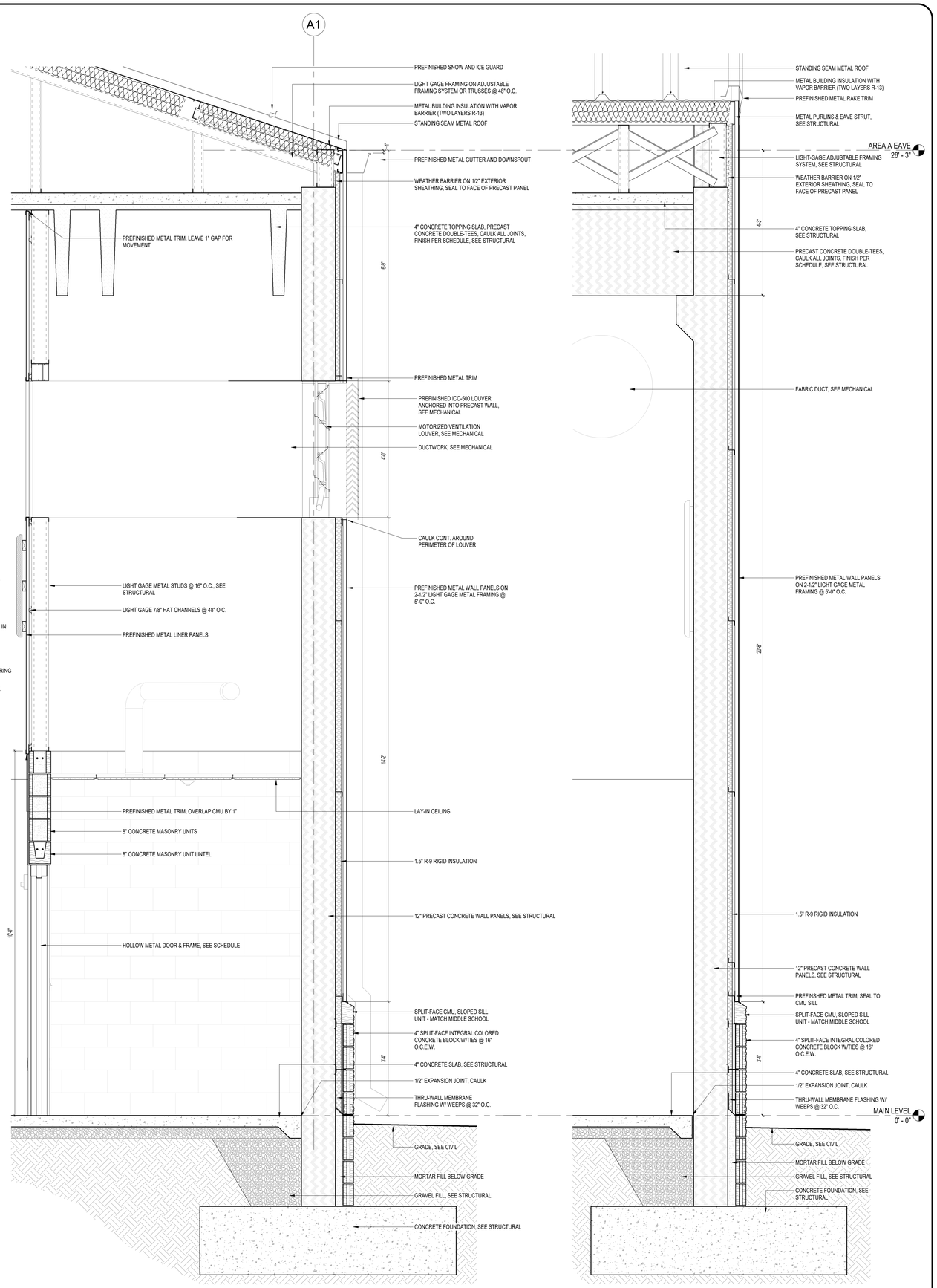
REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
NO. C-92
ARKANSAS
5/18/26

DATE: 2026 05-18
PROJECT NO: 25053
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A4.1



3 A5.11 WALL SECTION @ SAFE ROOM WITH CANOPY
3/4" = 1'-0"



2 A5.11 WALL SECTION @ SAFE ROOM EAVE
3/4" = 1'-0"

1 A5.11 WALL SECTION @ SAFE ROOM
3/4" = 1'-0"

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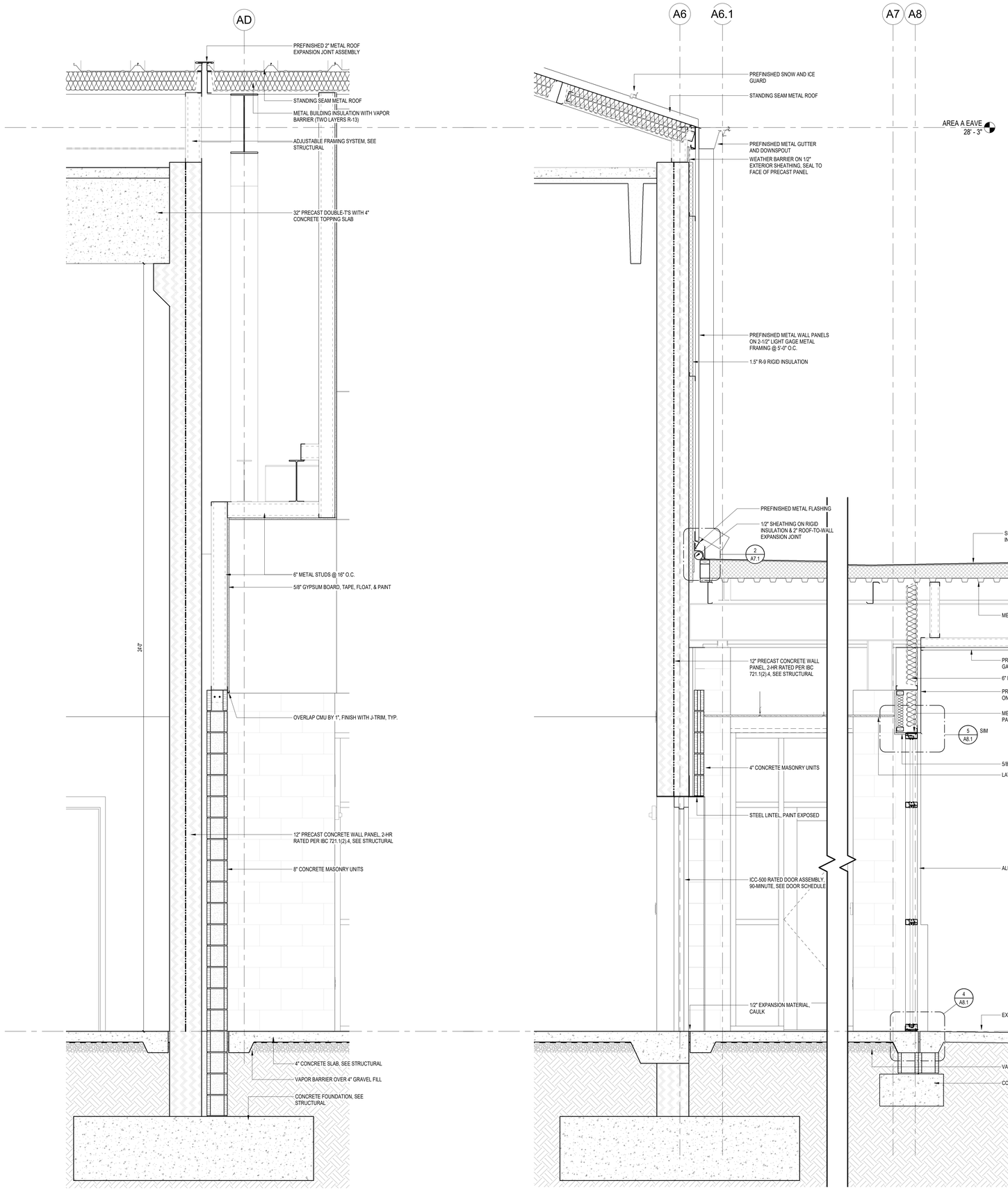
WALL SECTIONS - AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD
ARKANSAS
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A5.11



2 A5.12 WALL SECTION @ DINING AND SAFE ROOM
3/4" = 1'-0"

1 A5.12 WALL SECTION @ SAFE ROOM INTERIOR DOORS
3/4" = 1'-0"

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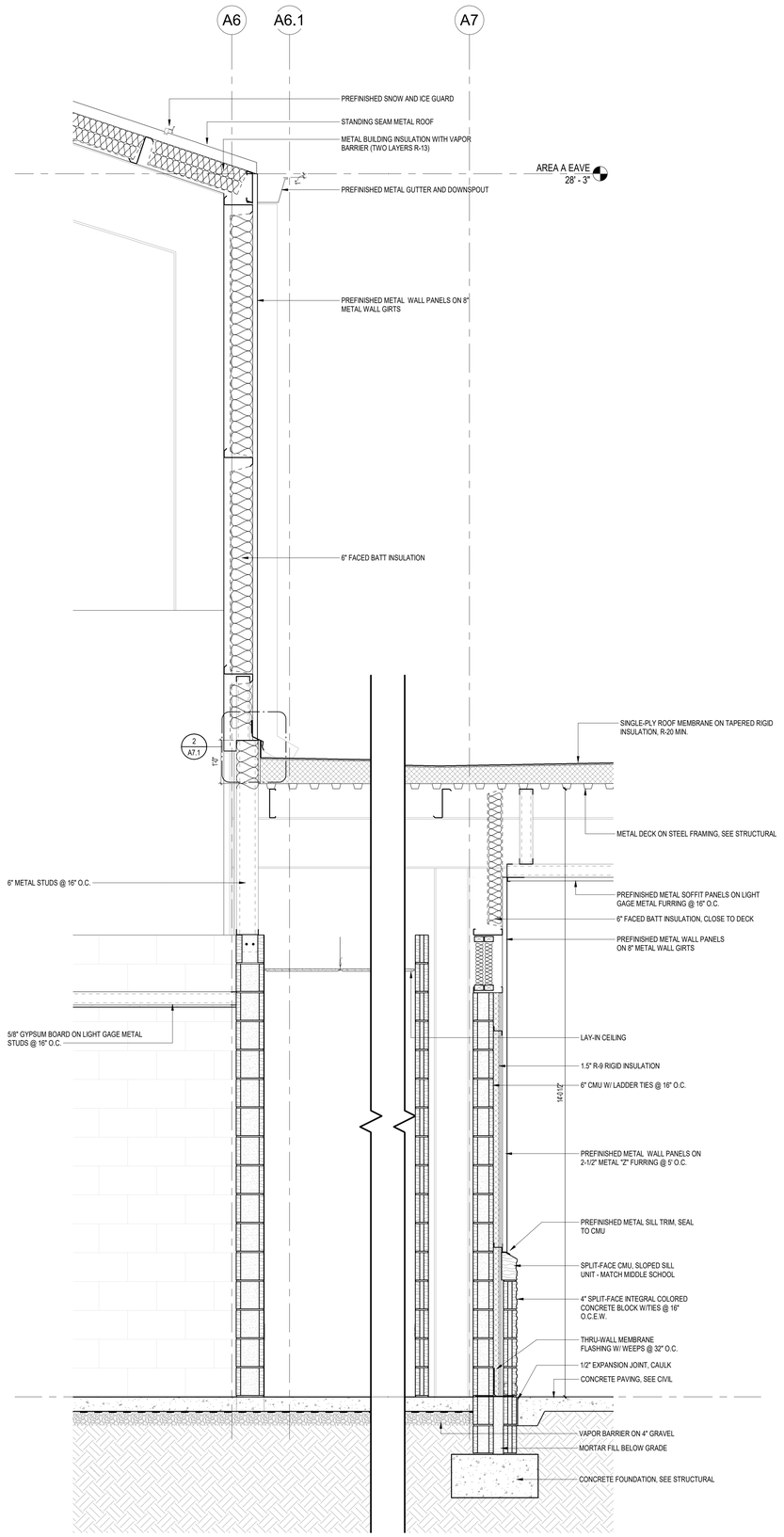
WALL SECTIONS - AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

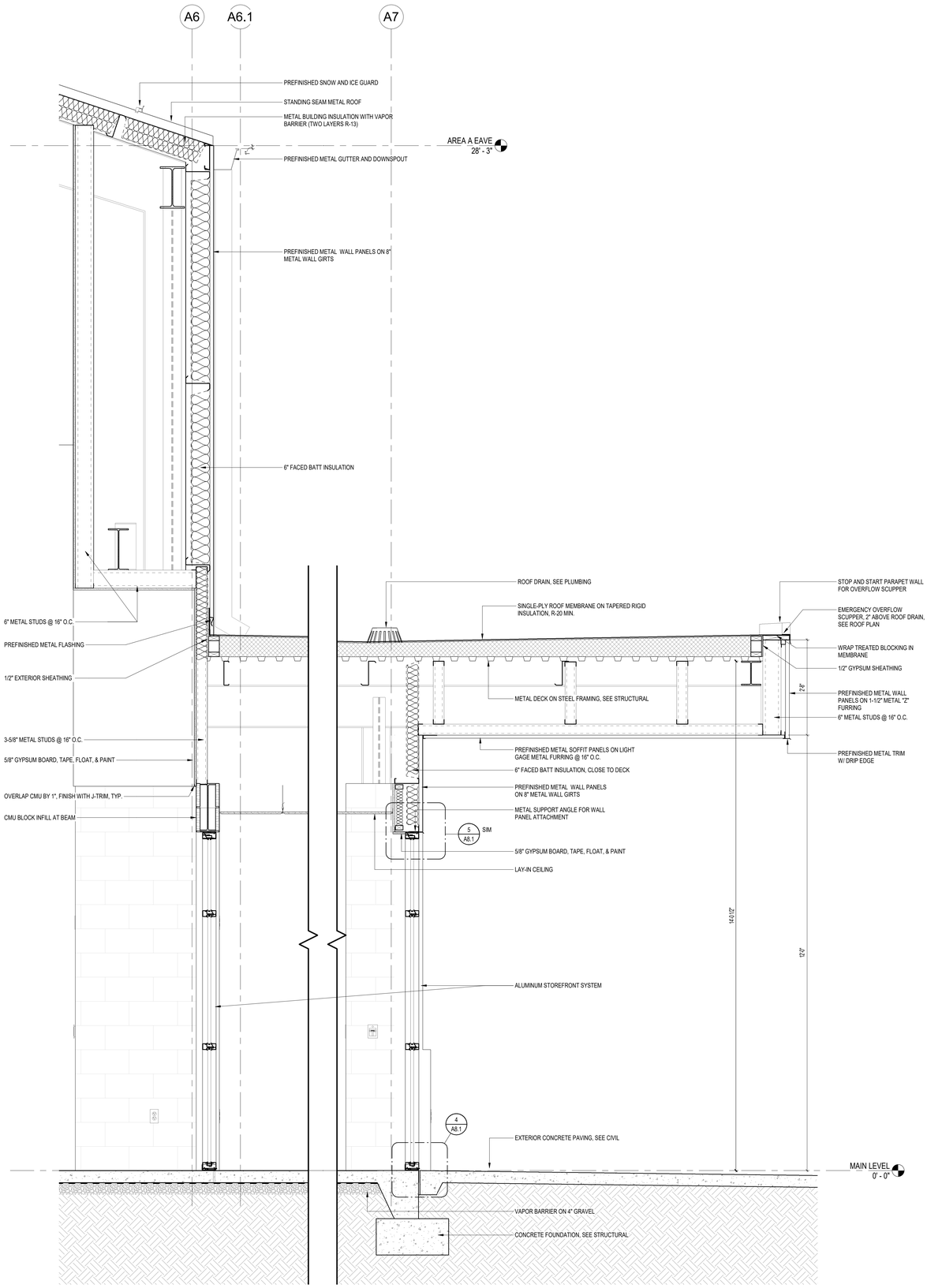
REGISTERED ARCHITECT
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NO. C-82
ARKANSAS
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A5.12



2 A5.13 WALL SECTION @ DINING CANOPY
3/4" = 1'-0"



1 A5.13 WALL SECTION @ DINING CANOPY GLAZING
3/4" = 1'-0"

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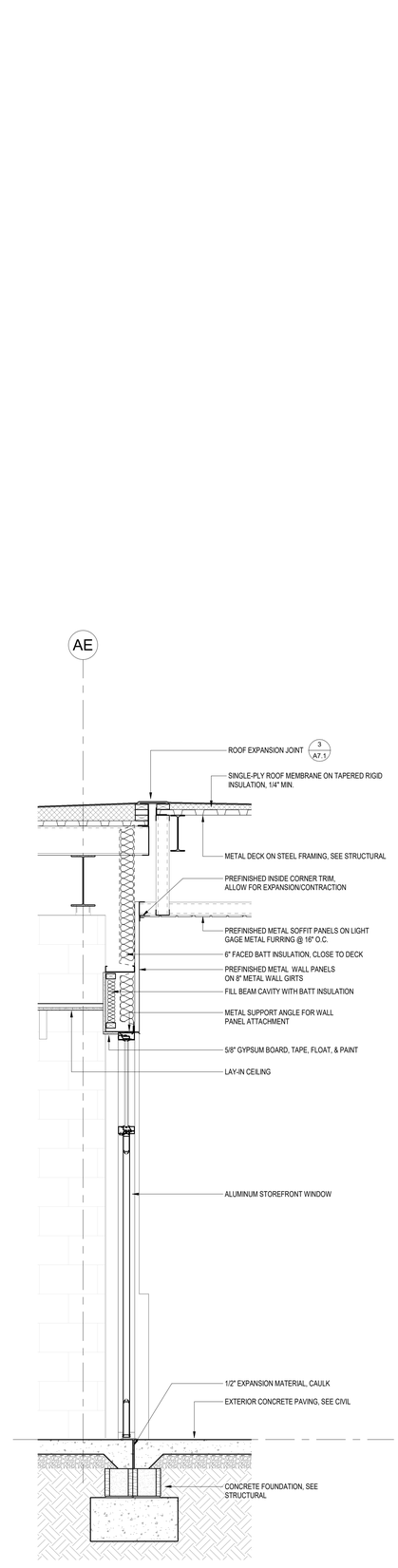
WALL SECTIONS - AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
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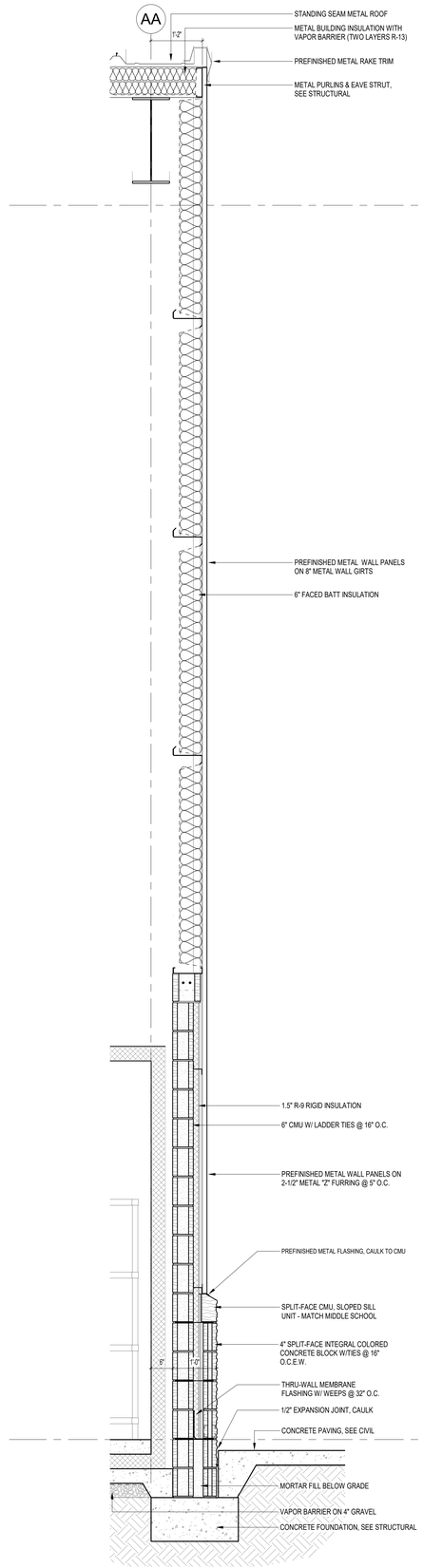
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NO. C-82
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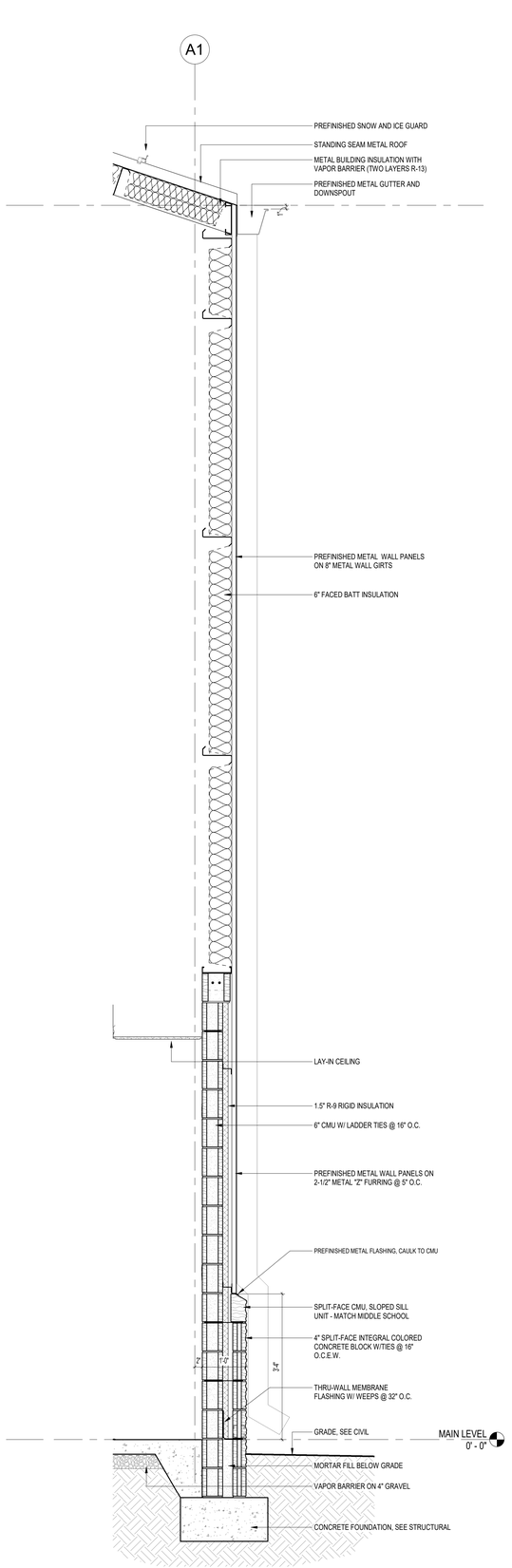
A5.13



3 A5.14 WALL SECTION @ NORTH DOORS
3/4" = 1'-0"



2 A5.14 WALL SECTION @ KITCHEN
3/4" = 1'-0"



1 A5.14 WALL SECTION @ KITCHEN EAVE
3/4" = 1'-0"

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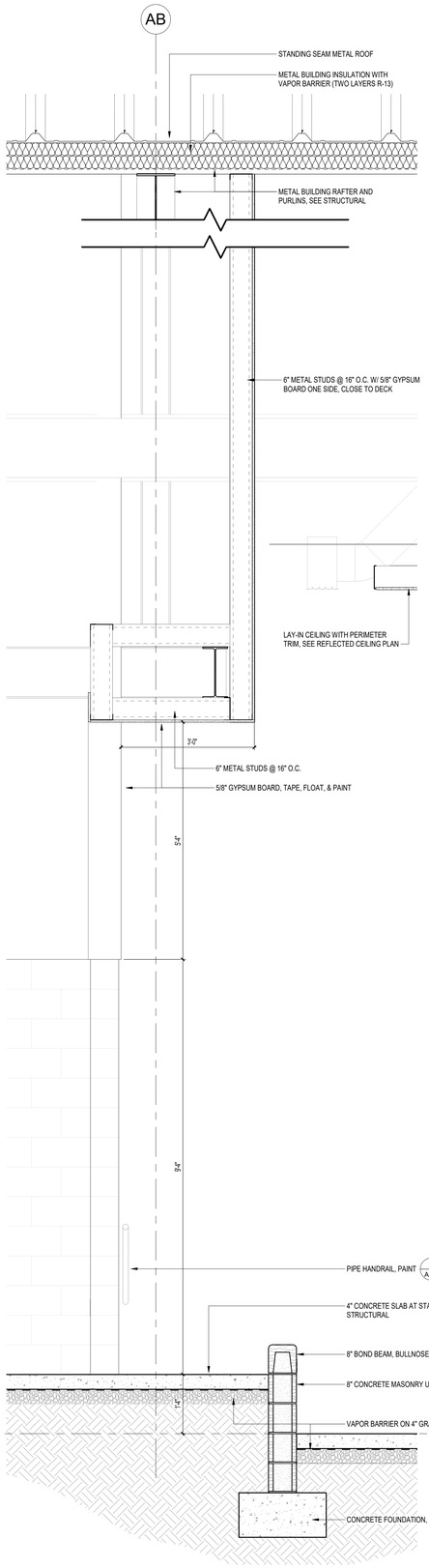
WALL SECTIONS - AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

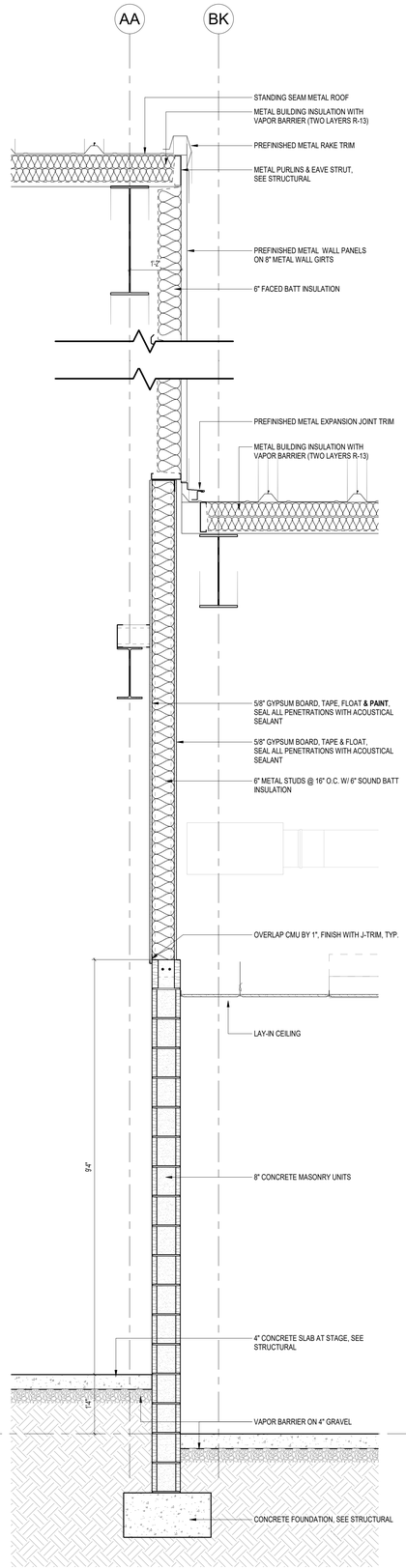
REGISTERED ARCHITECT
LEWIS, ELLIOTT
McMORRAN
VADEN, RAGSDALE
WOODWARD
C-82
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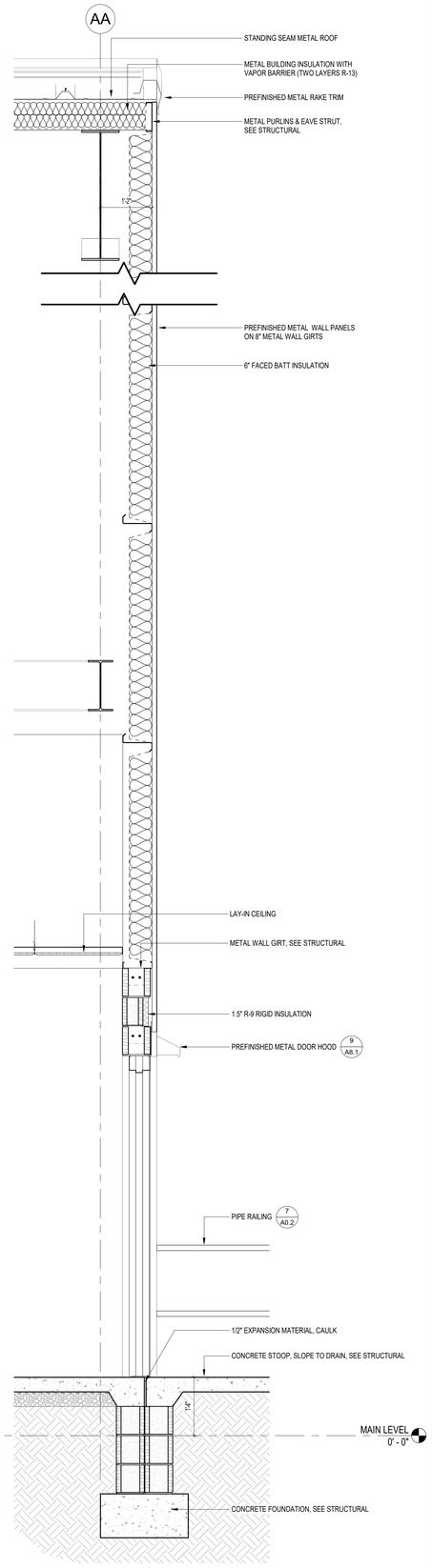
A5.14



3 A5.15 WALL SECTION @ STAGE INTERIOR
3/4" = 1'-0"



2 A5.15 WALL SECTION @ STAGE AND CLASSROOM
3/4" = 1'-0"



1 A5.15 WALL SECTION @ STAGE EXTERIOR
3/4" = 1'-0"

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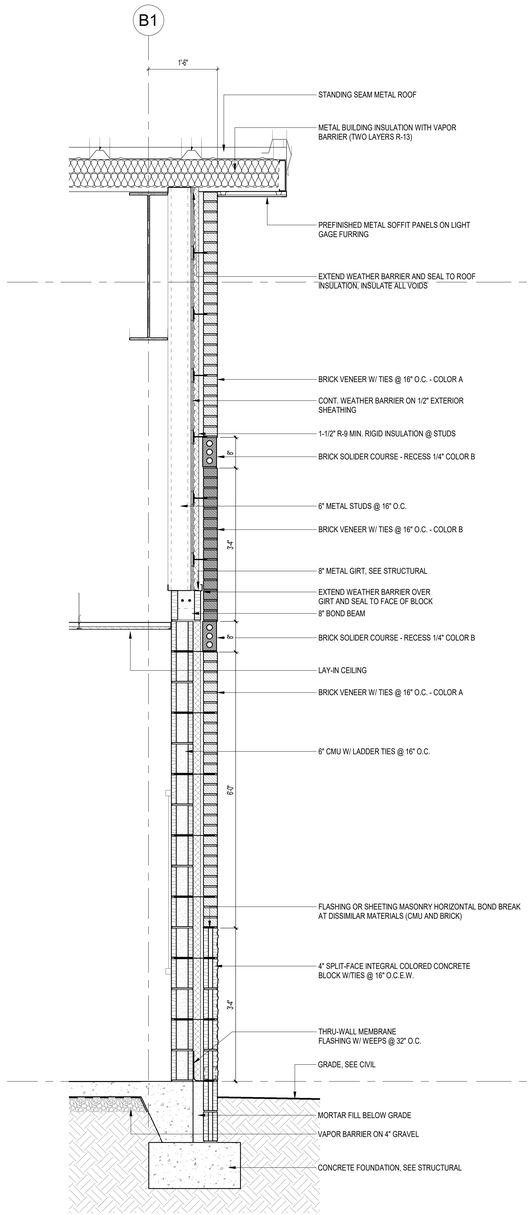
WALL SECTIONS - AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

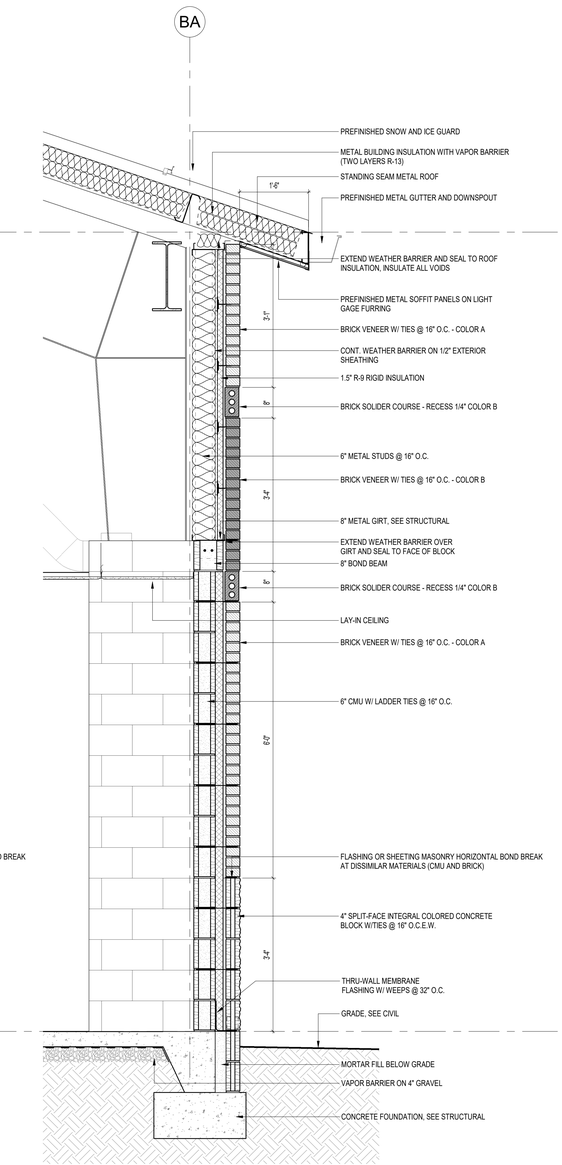
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ARKANSAS
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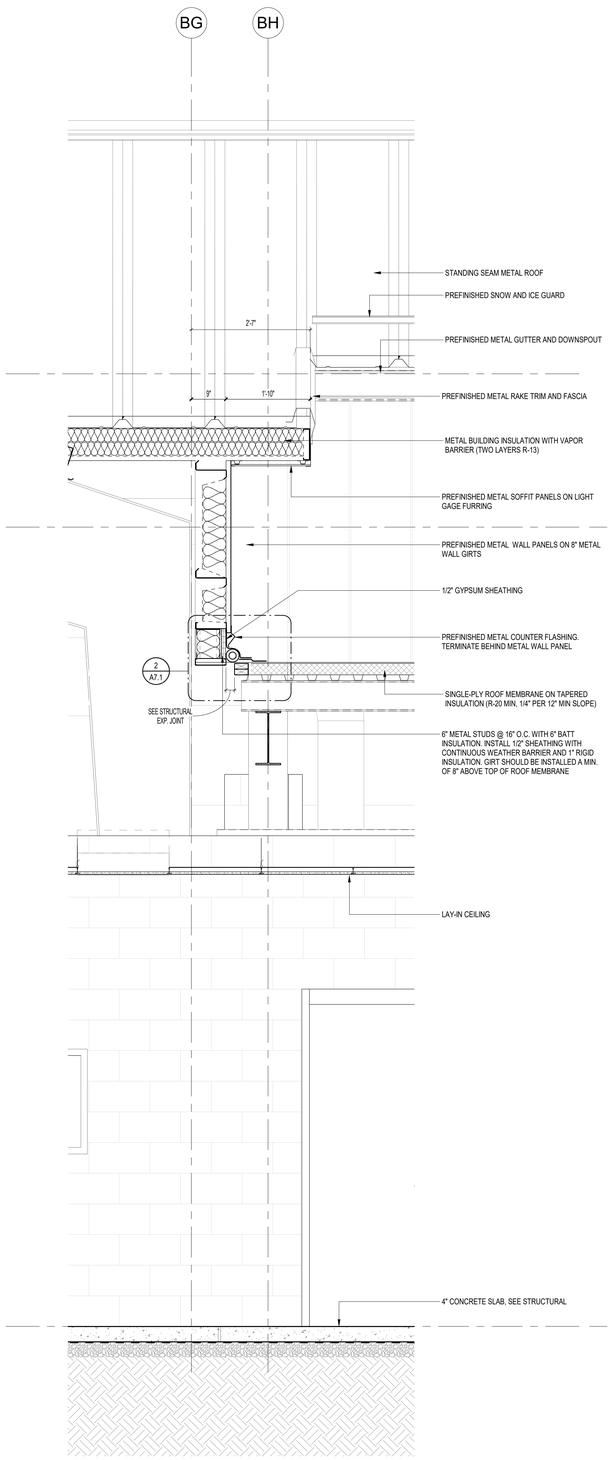
A5.15



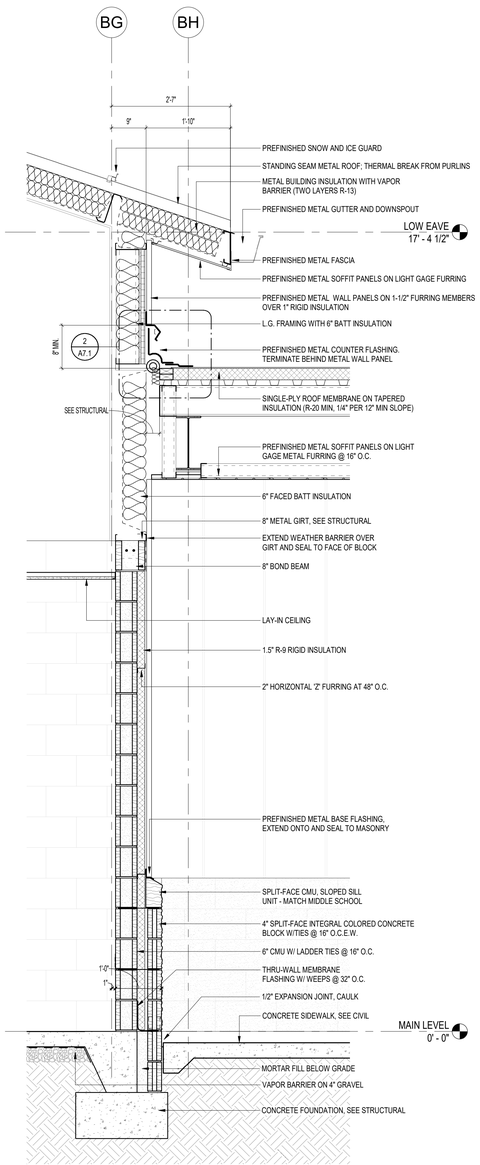
4 A5.21 WALL SECTION @ WEST GABLE
3/4" = 1'-0"



3 A5.21 WALL SECTION @ CLASSROOM EAVE
3/4" = 1'-0"



2 A5.21 WALL SECTION @ CORRIDOR - METAL WALL PANEL
3/4" = 1'-0"



1 A5.21 WALL SECTION @ CORRIDOR - MASONRY
3/4" = 1'-0"

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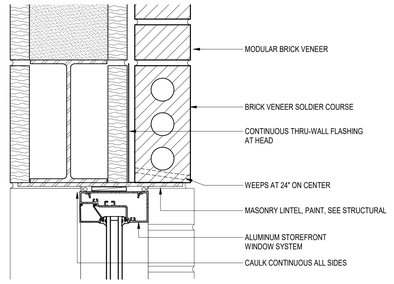
WALL SECTIONS - AREA B

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

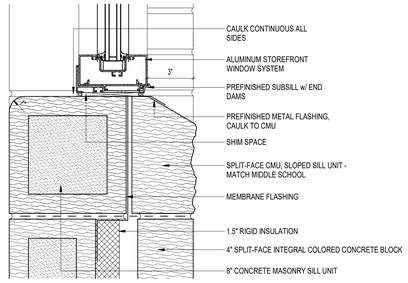
REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
NO. C-82
ARKANSAS
5/18/26

DATE: 2026 05-18
PROJECT NO: 25053
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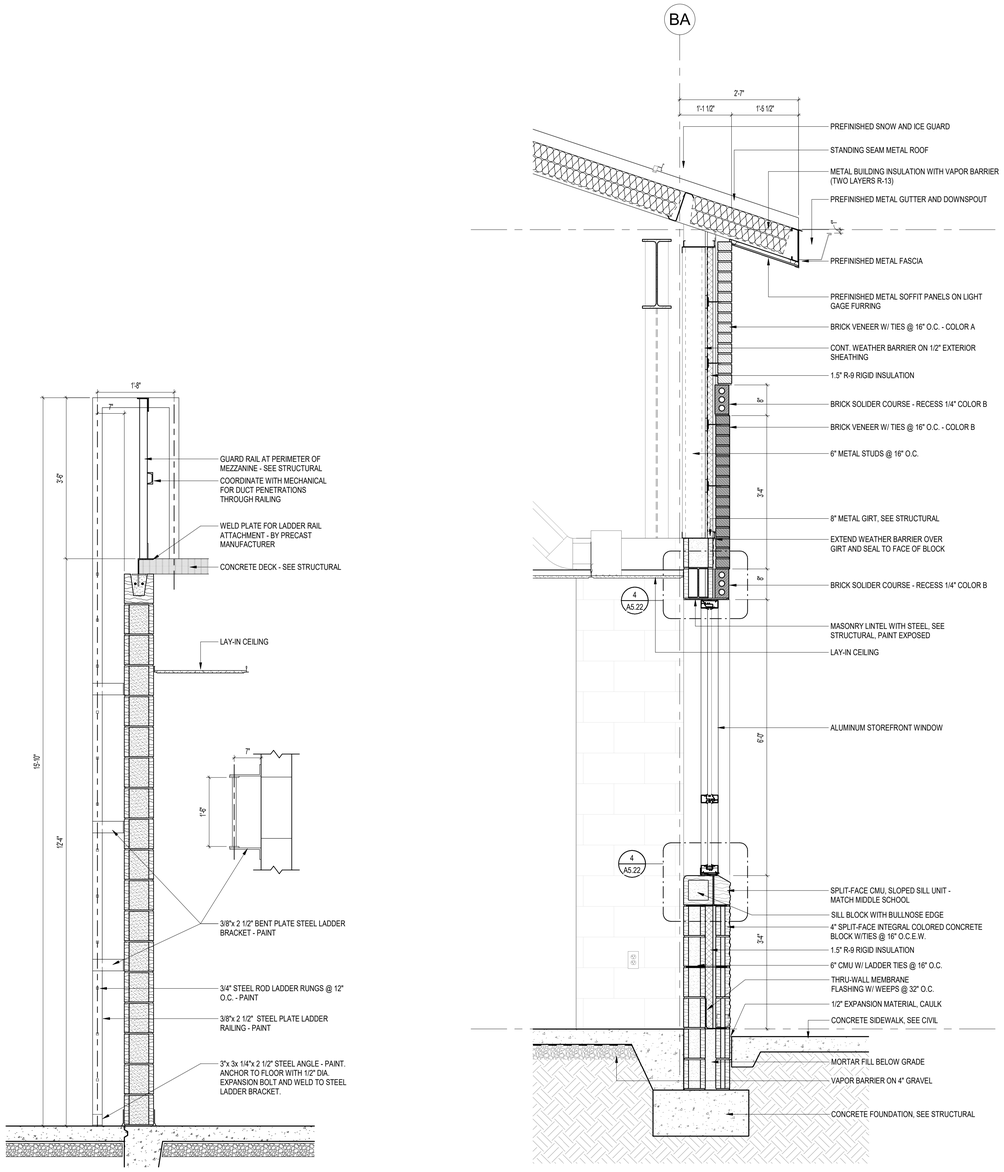
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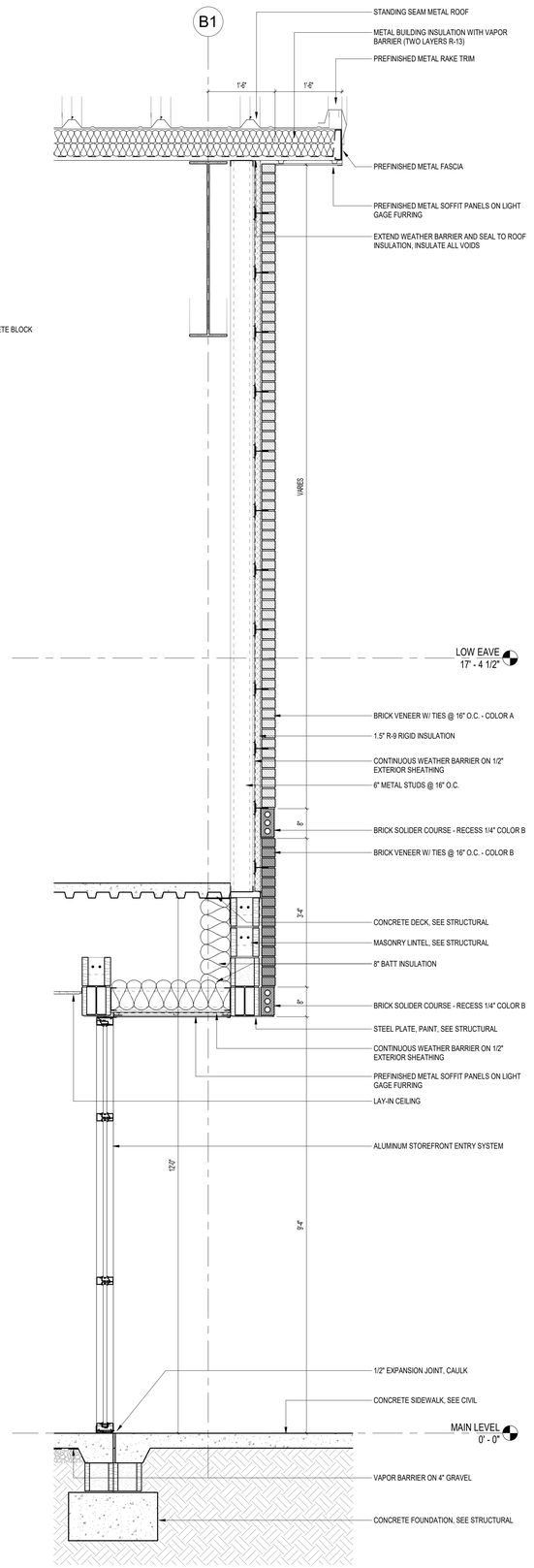
3 A5.22 EXTERIOR ALUMINUM STOREFRONT
3" = 1'-0"



4 A5.22 EXTERIOR ALUMINUM STOREFRONT
3" = 1'-0"



2 A5.22 WALL SECTION @ CLASSROOM WINDOW
3/4" = 1'-0"



1 A5.22 WALL SECTION @ CORRIDOR ENTRY
3/4" = 1'-0"

5 A5.22 LADDER DETAIL @ MEZZANINE
3/4" = 1'-0"

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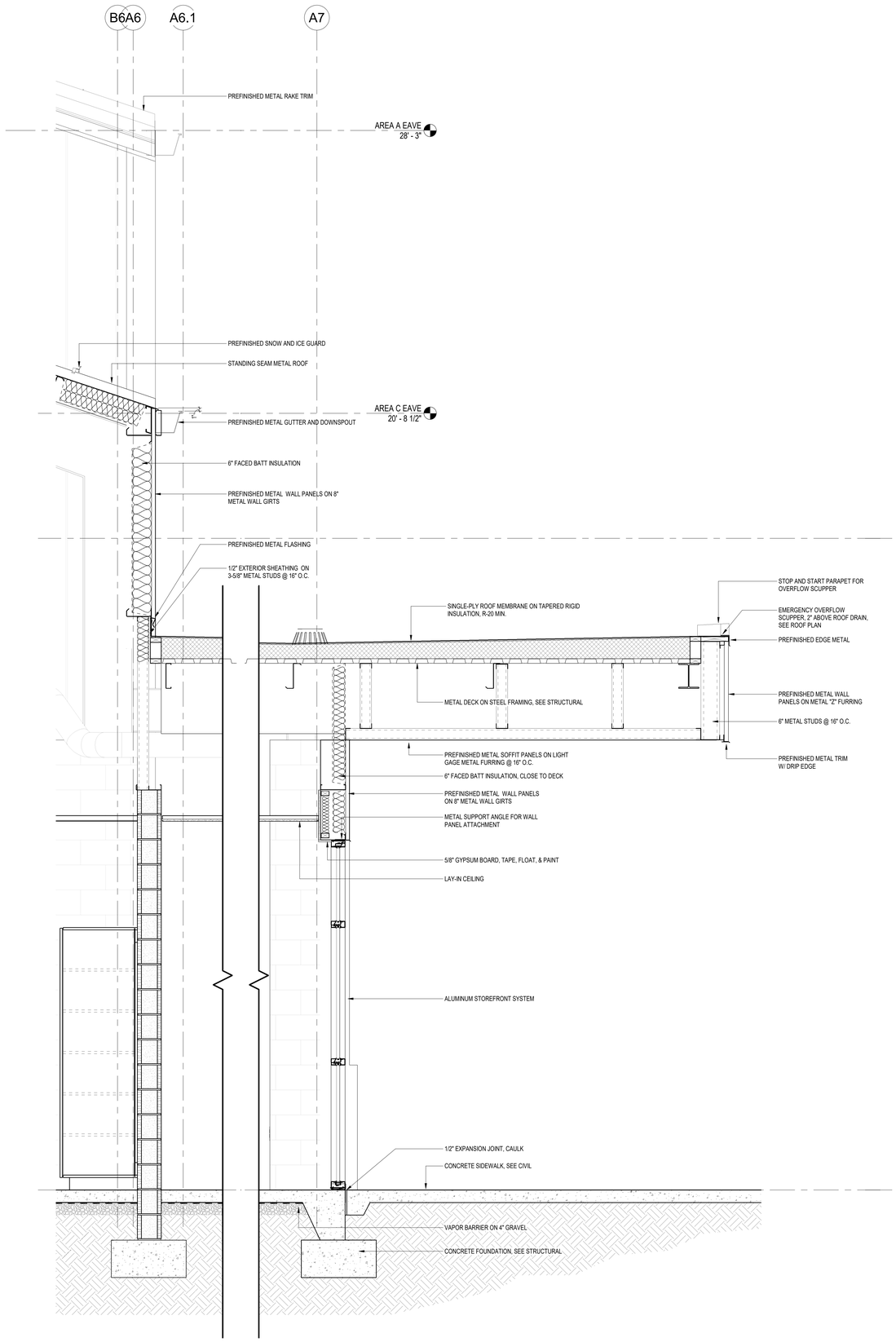
WALL SECTIONS - AREA B

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

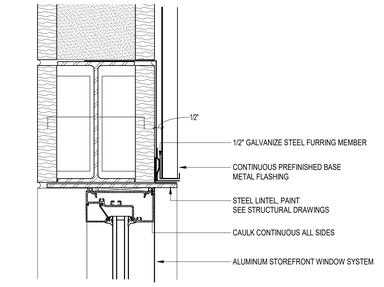
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DATE: 2026 05-18
PROJECT NO: 25053
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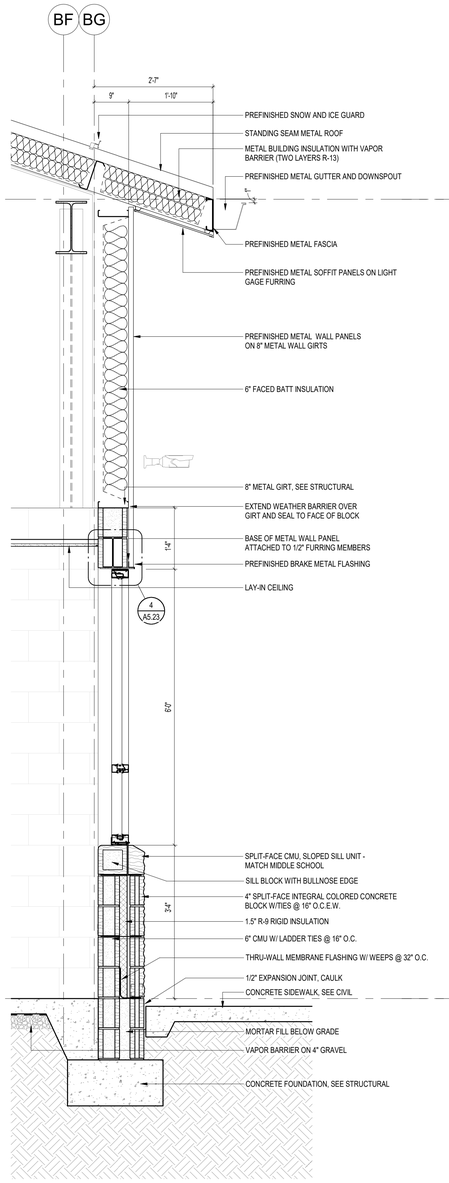
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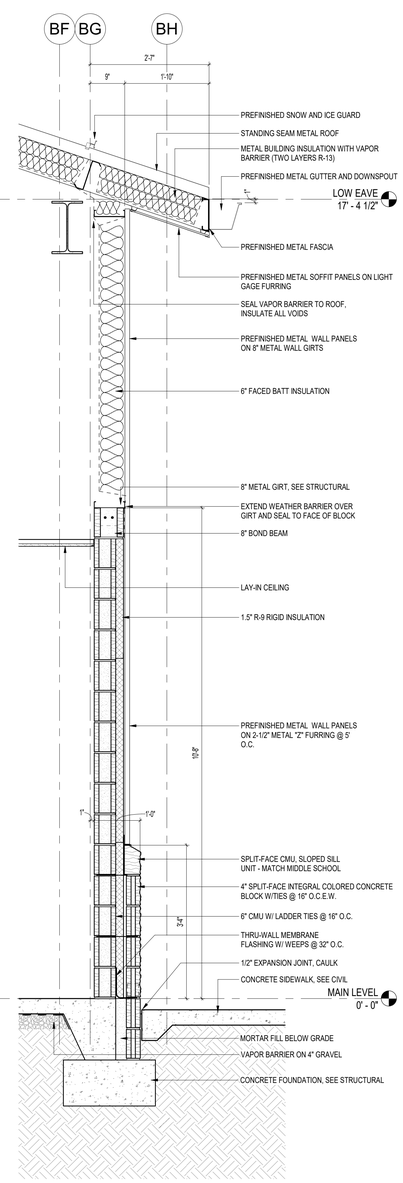
3 A5.23 WALL SECTION @ AREA B CANOPY
3/4" = 1'-0"



4 A5.23 STOREFRONT HEAD DETAIL AT MWP
3" = 1'-0"



2 A5.23 WALL SECTION @ CLASSROOM WINDOW AT MWP
3/4" = 1'-0"



1 A5.23 WALL SECTION @ CLASSROOM AT MWP
3/4" = 1'-0"

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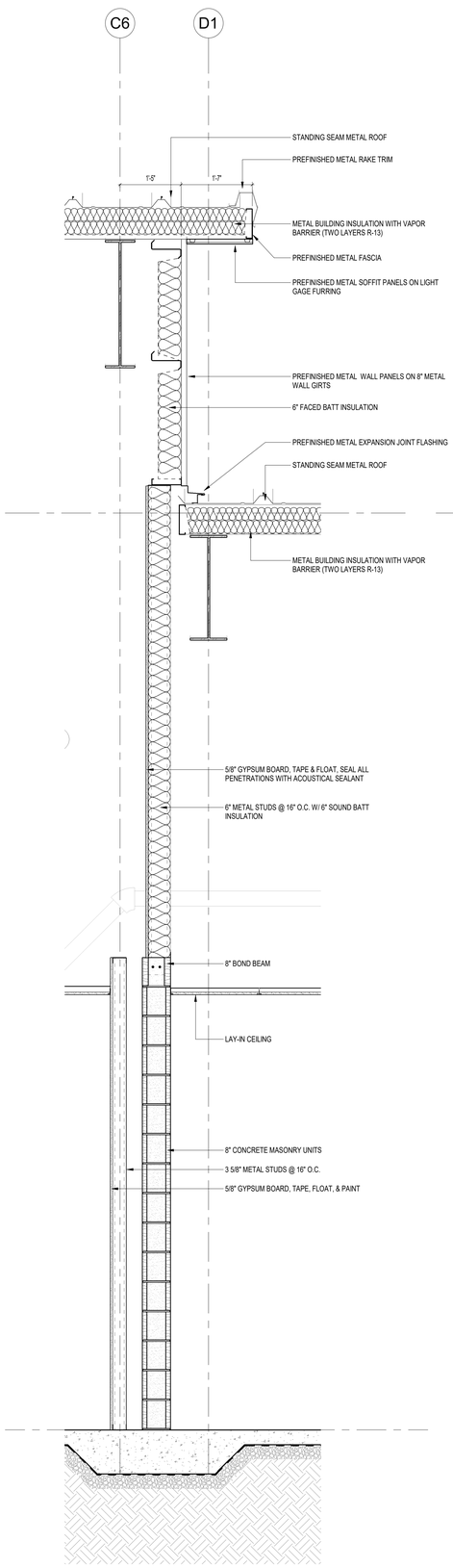
WALL SECTIONS - AREA B

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

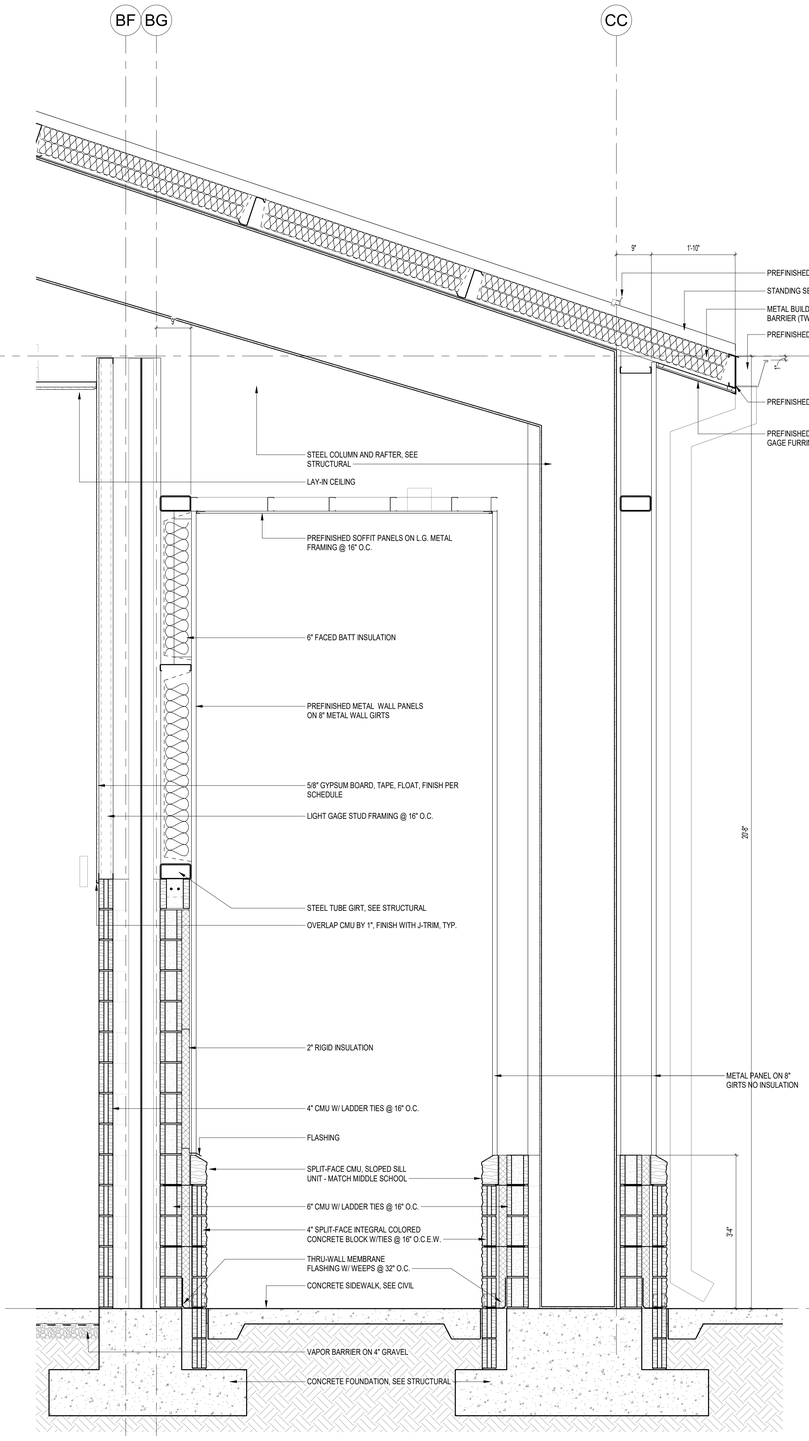
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NO. C-82
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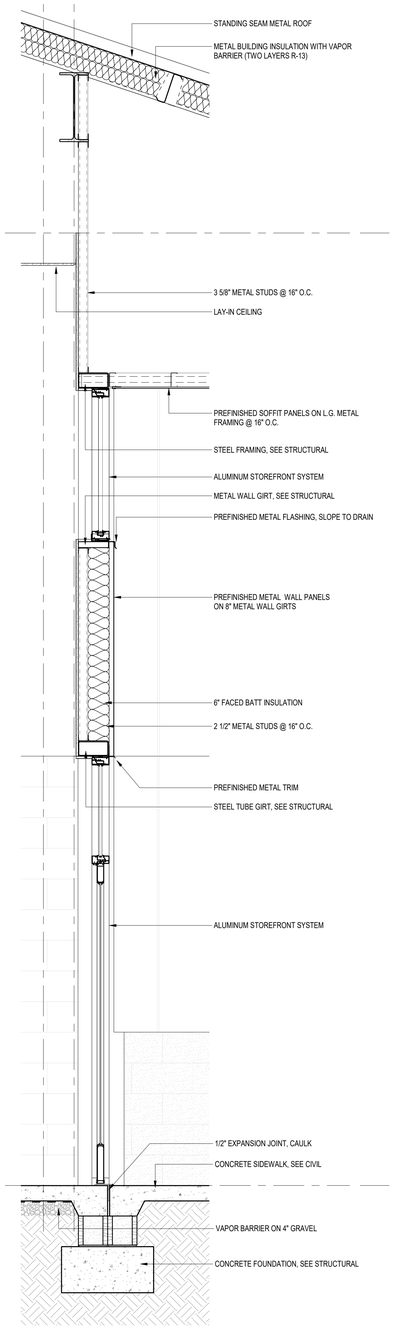
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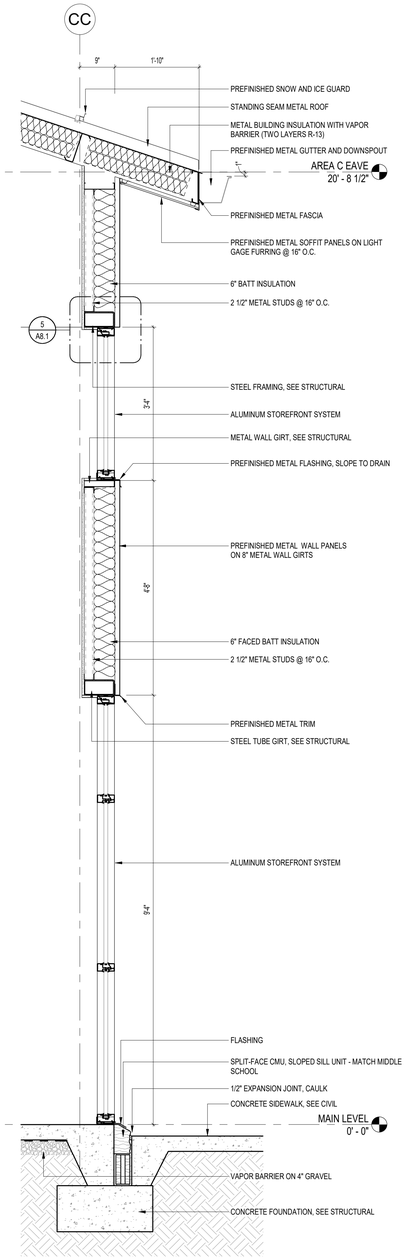
6 A5.31 WALL SECTION @ ROOF TRANSITION
3/4" = 1'-0"



3 A5.31 WALL SECTION @ COLUMN WRAP
3/4" = 1'-0"



2 A5.31 WALL SECTION @ AREA C NORTH DOORS
3/4" = 1'-0"



1 A5.31 WALL SECTION @ READING ROOM
3/4" = 1'-0"

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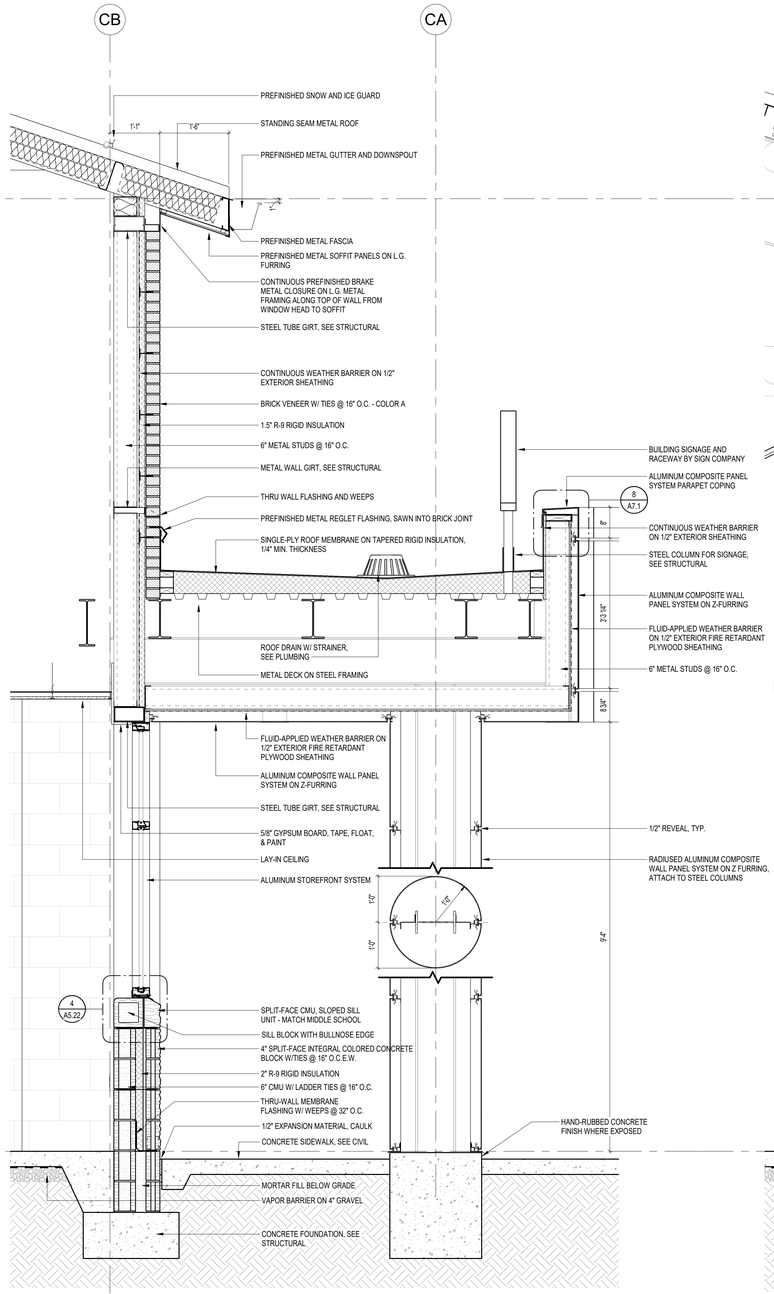
WALL SECTIONS - AREA C

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

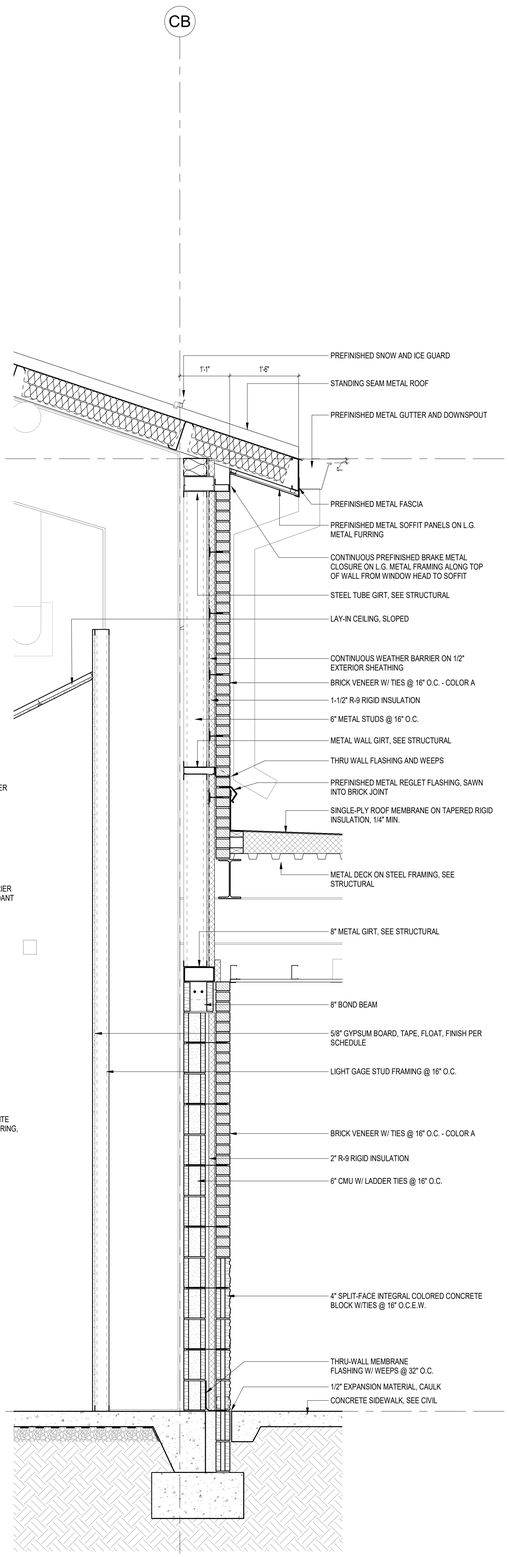
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ARKANSAS
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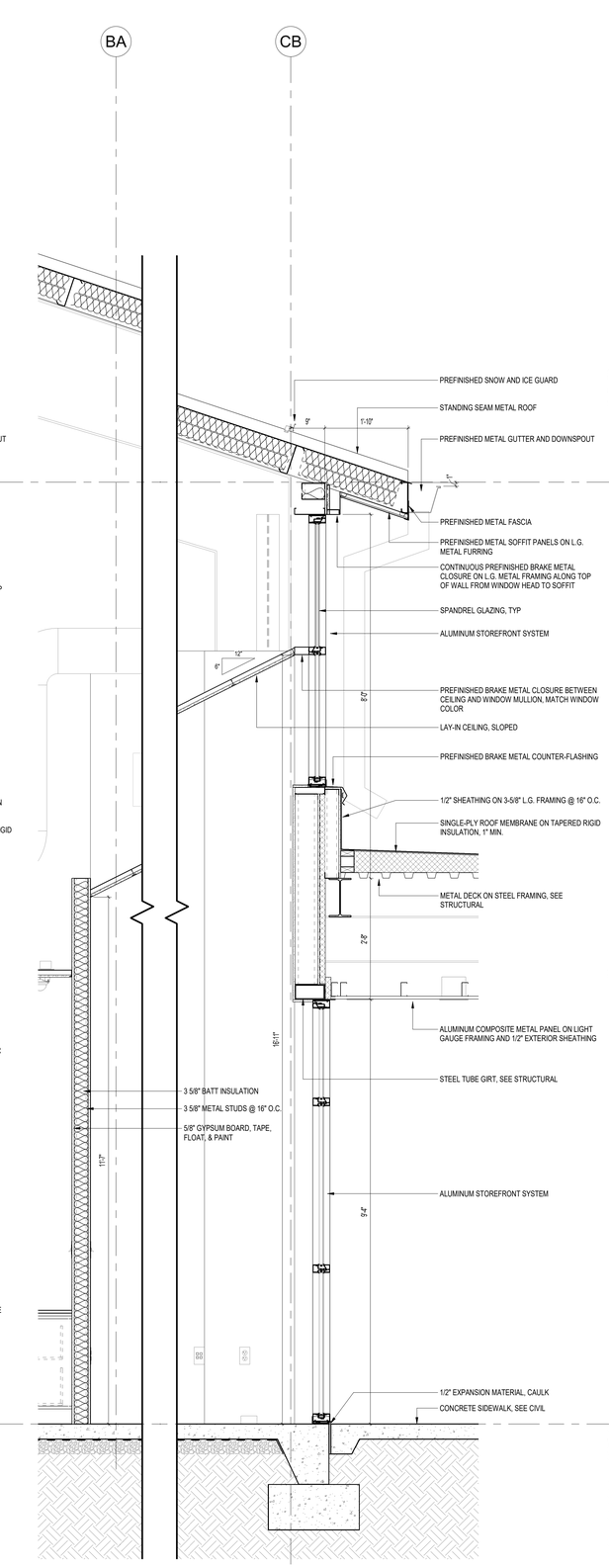
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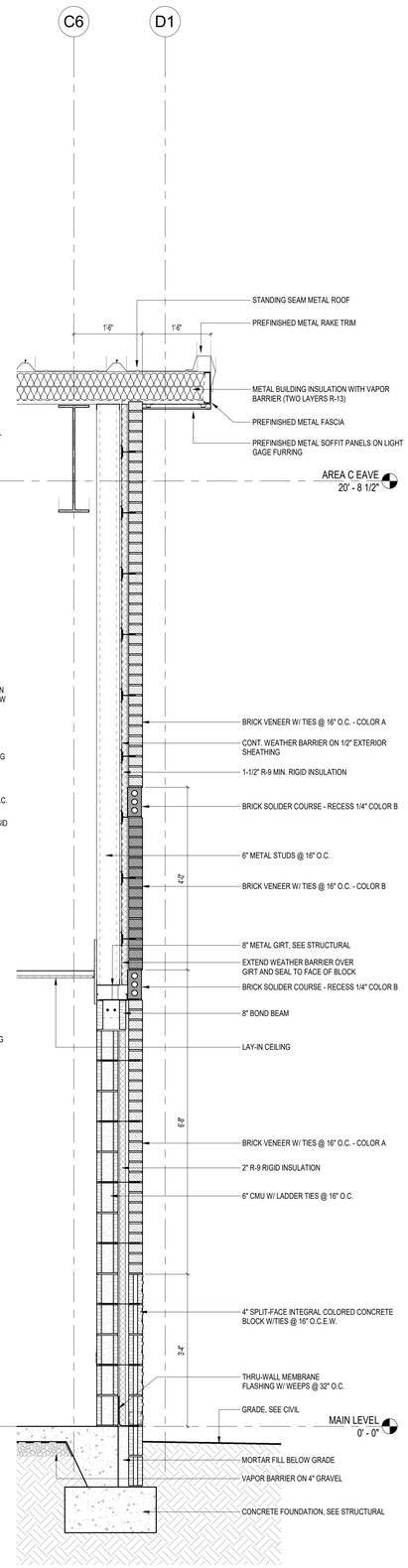
4 A5.32 WALL SECTION @ FRONT CANOPY
3/4" = 1'-0"



3 A5.32 WALL SECTION @ OFFICE MASONRY
3/4" = 1'-0"



2 A5.32 WALL SECTION @ OFFICE CLERESTORY
3/4" = 1'-0"



1 A5.32 WALL SECTION @ EXT. ROOF TRANSITION
3/4" = 1'-0"

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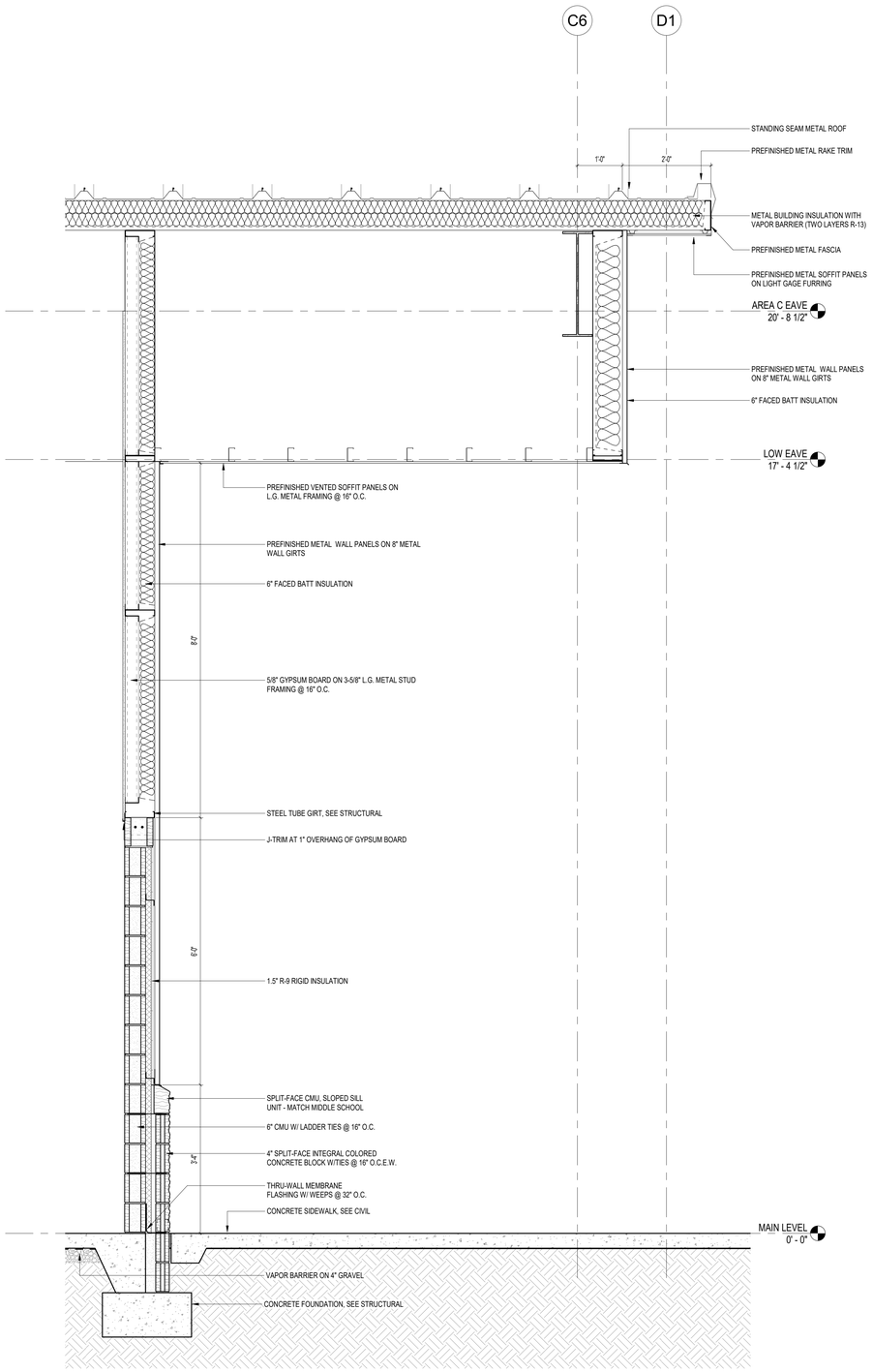
WALL SECTIONS - AREA C

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SHERIDAN SCHOOL DISTRICT
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A5.32



1 / A5.33 WALL SECTION @ COMPUTER LAB AND OVERHANG
3/4" = 1'-0"

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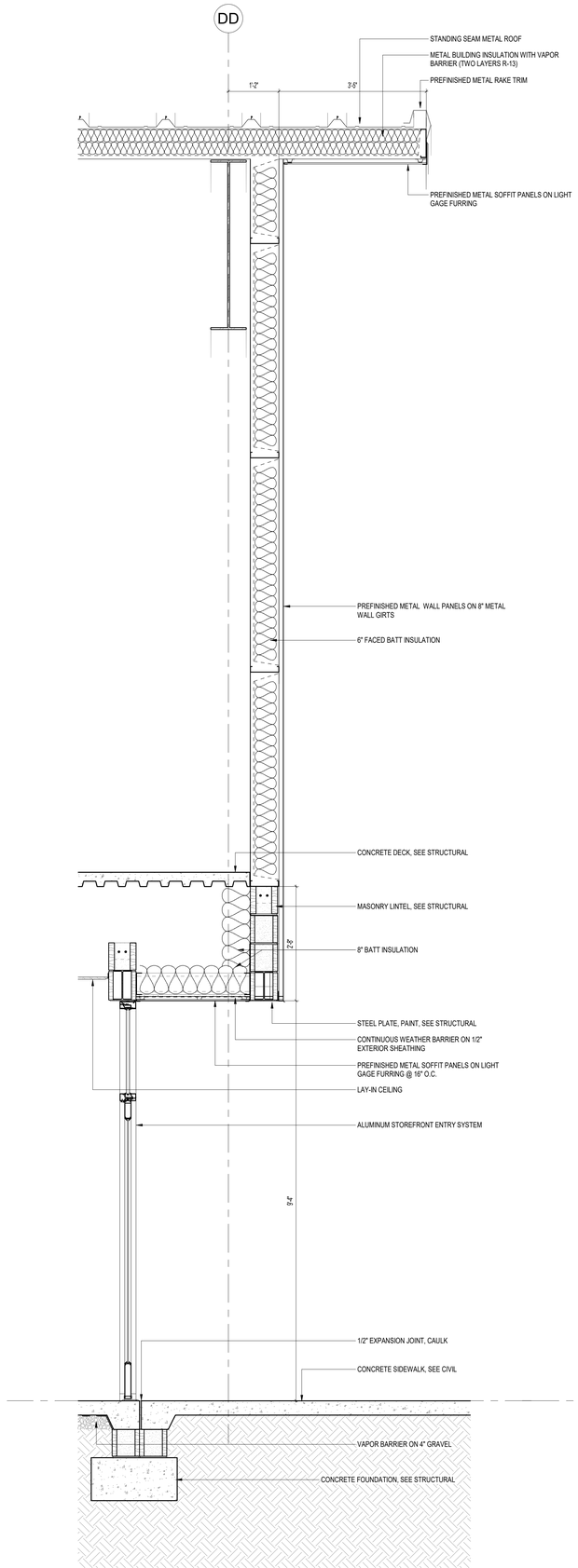
WALL SECTIONS - AREA C

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

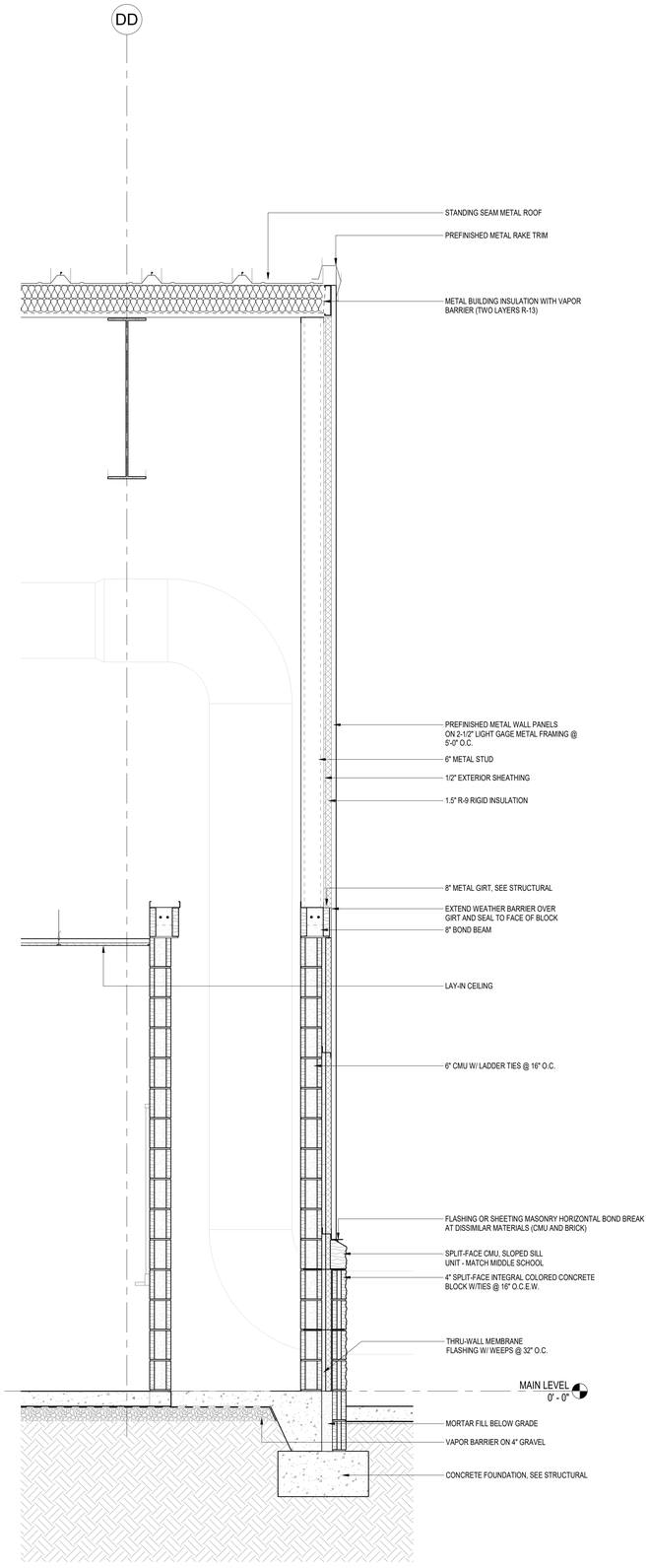
REGISTERED ARCHITECT
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C-82
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5/18/26

DATE: 2026 05-18
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A5.33



2 A5.41 WALL SECTION @ AREA D ENTRY
3/4" = 1'-0"



1 A5.41 WALL SECTION @ AREA D MECH CHASE WALL
3/4" = 1'-0"

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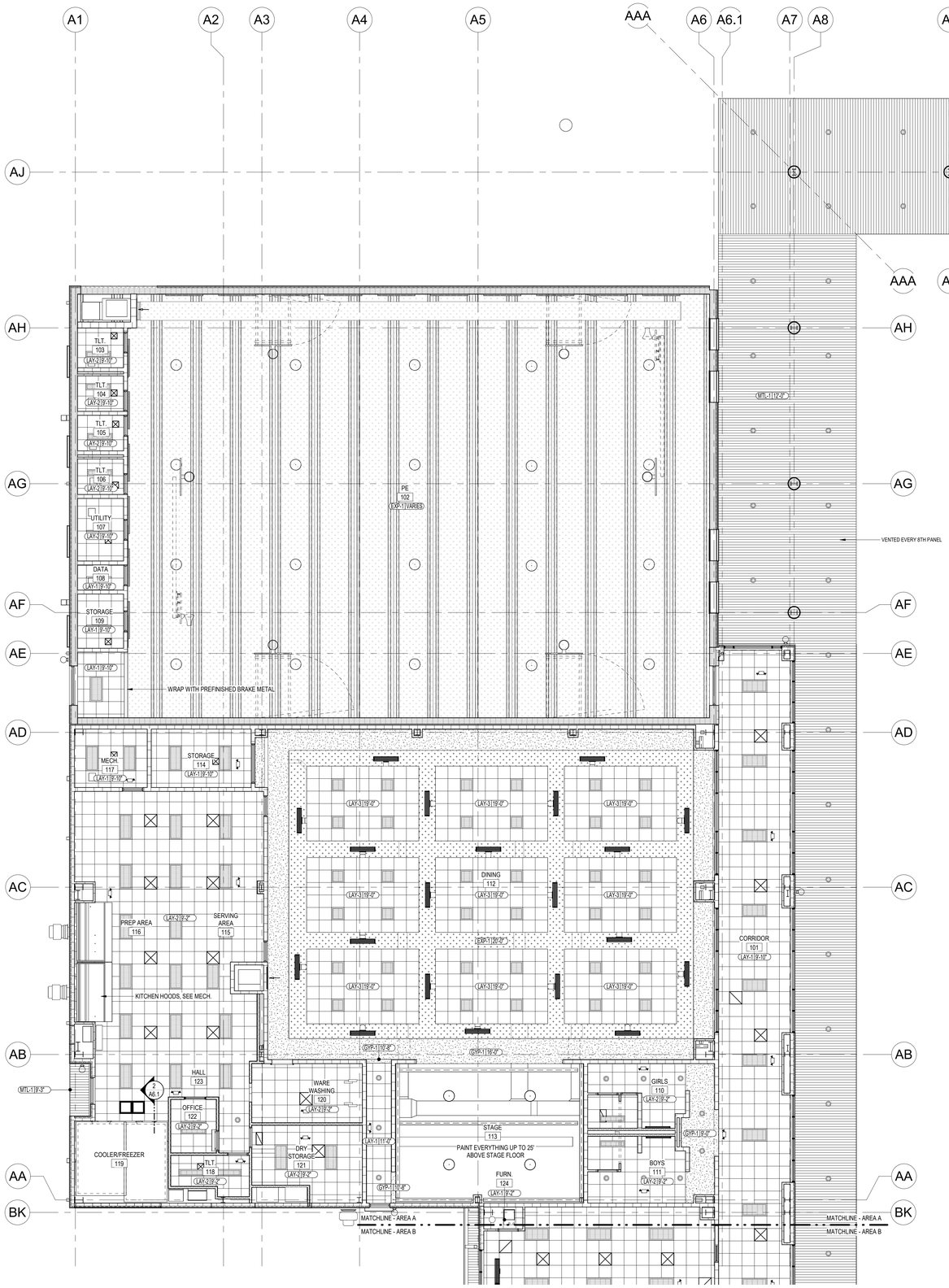
WALL SECTIONS - AREA D

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT
McMORRAN
VADEN, RAGSDALE
WOODWARD
C-82
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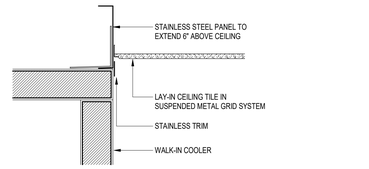
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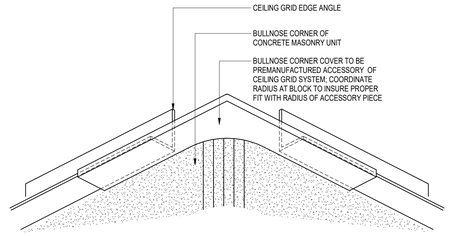


NORTH

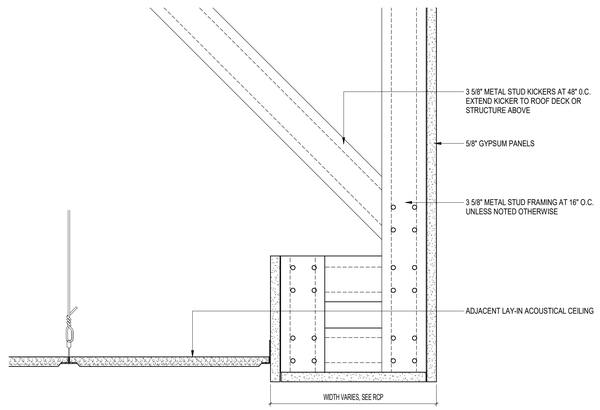
1 A6.1 REFLECTED CEILING PLAN - AREA A
1/8" = 1'-0"



2 A6.1 CEILING DETAIL AT COOLER/FREEZER
1 1/2" = 1'-0"

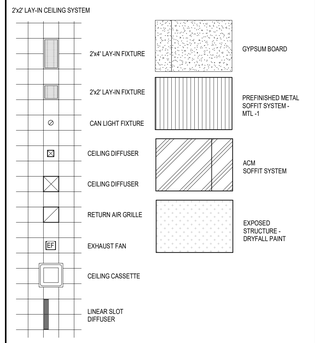


3 A6.1 CEILING GRID AT BULLNOSE CORNER
1" = 1'-0"



4 A6.1 TYPICAL FURR DOWN - LIGHT GAUGE FRAMING
3" = 1'-0"

REFLECTED CEILING LEGEND



GENERAL CEILING NOTES

1. ALL PLUMBING PIPING, ELECTRICAL CONDUITS, MECHANICAL DUCTWORK, ETC. SHALL BE CONCEALED ABOVE CEILINGS, BELOW SLAB, OR WITHIN WALLS AND FURRING WHEREVER POSSIBLE (UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE). ALL PIPING, CONDUITS, DUCTWORK, ETC. EXPOSED SHALL BE INSTALLED IN A WORKMAN LIKE MANNER (LEVEL, PLUMB, SQUARE AND PROPERLY SUPPORTED). COORDINATE ALL TRADES TO AVOID CONFLICTS.
2. ALL EXPOSED STRUCTURE, PIPING, CONDUITS, DUCTWORK, ETC. THAT IS NOT PREFINISHED SHALL BE PAINTED (UNLESS NOTED OTHERWISE), COLORS TO BE SELECTED BY THE ARCHITECT.
3. ALL PIPING, CONDUIT, DUCTWORK, CEILING GRID, ETC. SHALL BE PROPERLY SUPPORTED AND BRACED TO MEET APPLICABLE SEISMIC ZONE REQUIREMENTS.
4. PROVIDE SOUND ATTENUATION BATTS 2'-0" ON BOTH SIDES OF ADJACENT WALLS BETWEEN CLASSROOMS
5. PROVIDE SOUND ATTENUATION BATTS OVER ENTIRE CEILINGS AT VOCAL, BAND, ENSEMBLE, AND PRACTICE ROOMS (AREA A)
6. PROVIDE SOUND ATTENUTATION BATTS OVER ENTIRE CEILING AT ALL OFFICES, COUNS., AND COACHS' OFFICES.
7. AT GYPSUM CEILINGS, PROVIDE CONTROL JOINTS (CJ) AT 30'-0" OR LOCATIONS SHOWN ON PLANS

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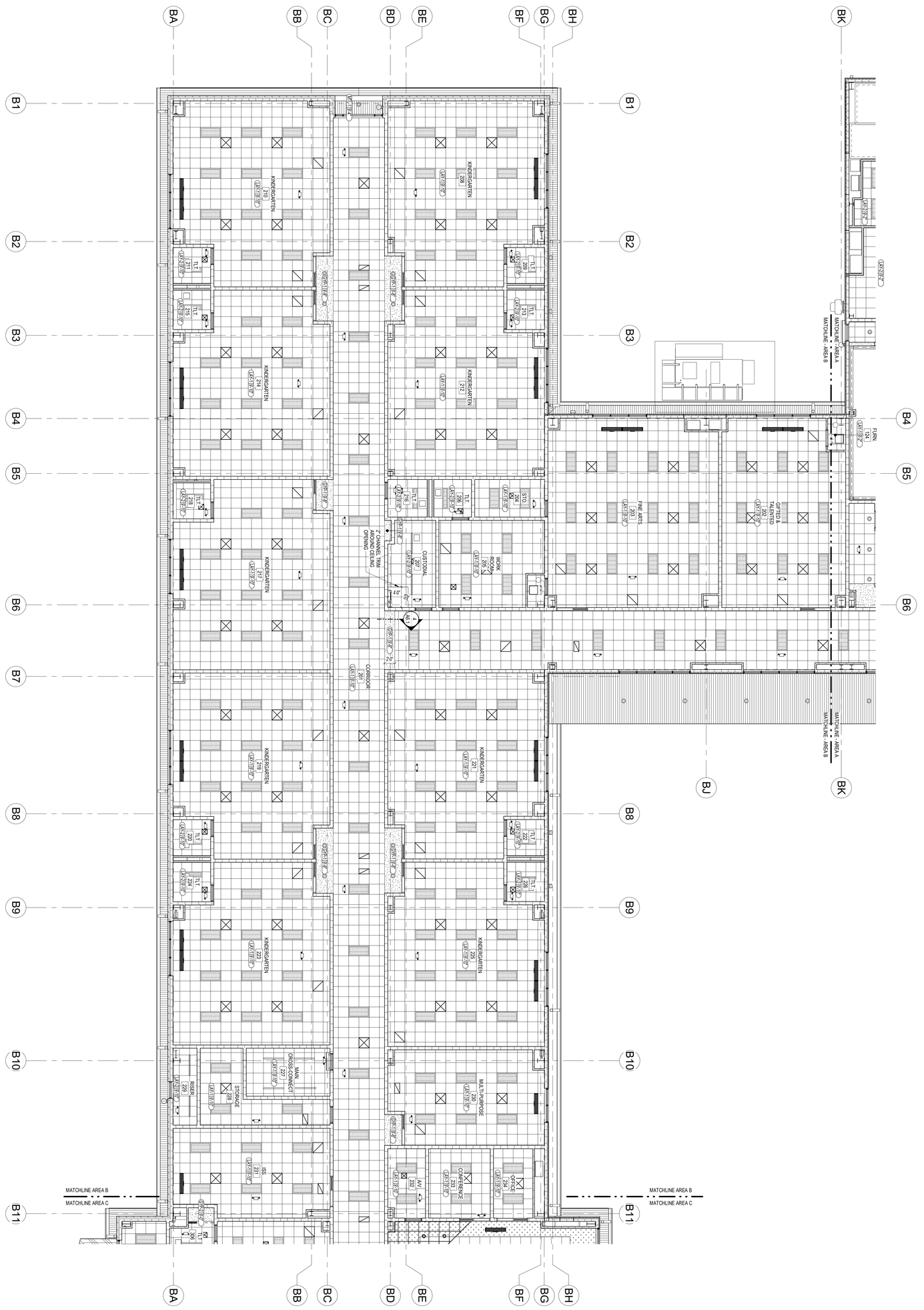
REFLECTED CEILING PLAN - AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
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REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
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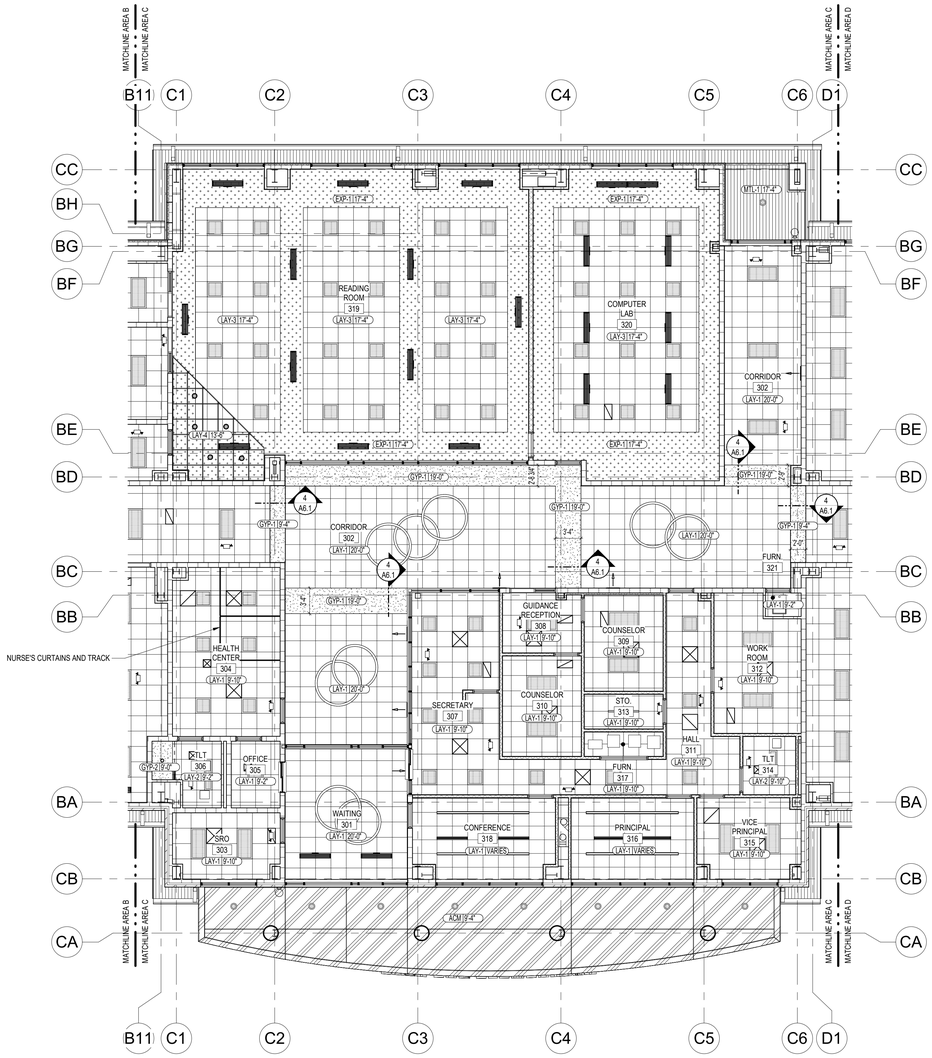
A6.1


NORTH
1
A6.2
1/8" = 1'-0"
REFLECTED CEILING PLAN - AREA B
MATCHLINE - AREA A
MATCHLINE - AREA B
MATCHLINE AREA B
MATCHLINE AREA C
KINDERGARTEN 208
KINDERGARTEN 210
KINDERGARTEN 212
KINDERGARTEN 214
KINDERGARTEN 216
KINDERGARTEN 218
KINDERGARTEN 220
KINDERGARTEN 222
KINDERGARTEN 224
KINDERGARTEN 226
CORRIDOR 201
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CORRIDOR 216
CORRIDOR 217
CORRIDOR 218
CORRIDOR 219
CORRIDOR 220
CORRIDOR

REFLECTED CEILING LEGEND

2'x2' LAY-IN CEILING SYSTEM

- 2'x4' LAY-IN FIXTURE
- 2'x2' LAY-IN FIXTURE
- CAN LIGHT FIXTURE
- CEILING DIFFUSER
- CEILING DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN
- CEILING CASSETTE
- LINEAR SLOT DIFFUSER
- GYPSUM BOARD
- PREFINISHED METAL SOFFIT SYSTEM - MTL -1
- ACM SOFFIT SYSTEM
- EXPOSED STRUCTURE - DRYFALL PAINT



NORTH

1 A6.3 REFLECTED CEILING PLAN - AREA C

1/8" = 1'-0"

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REFLECTED CEILING PLAN - AREA C

EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
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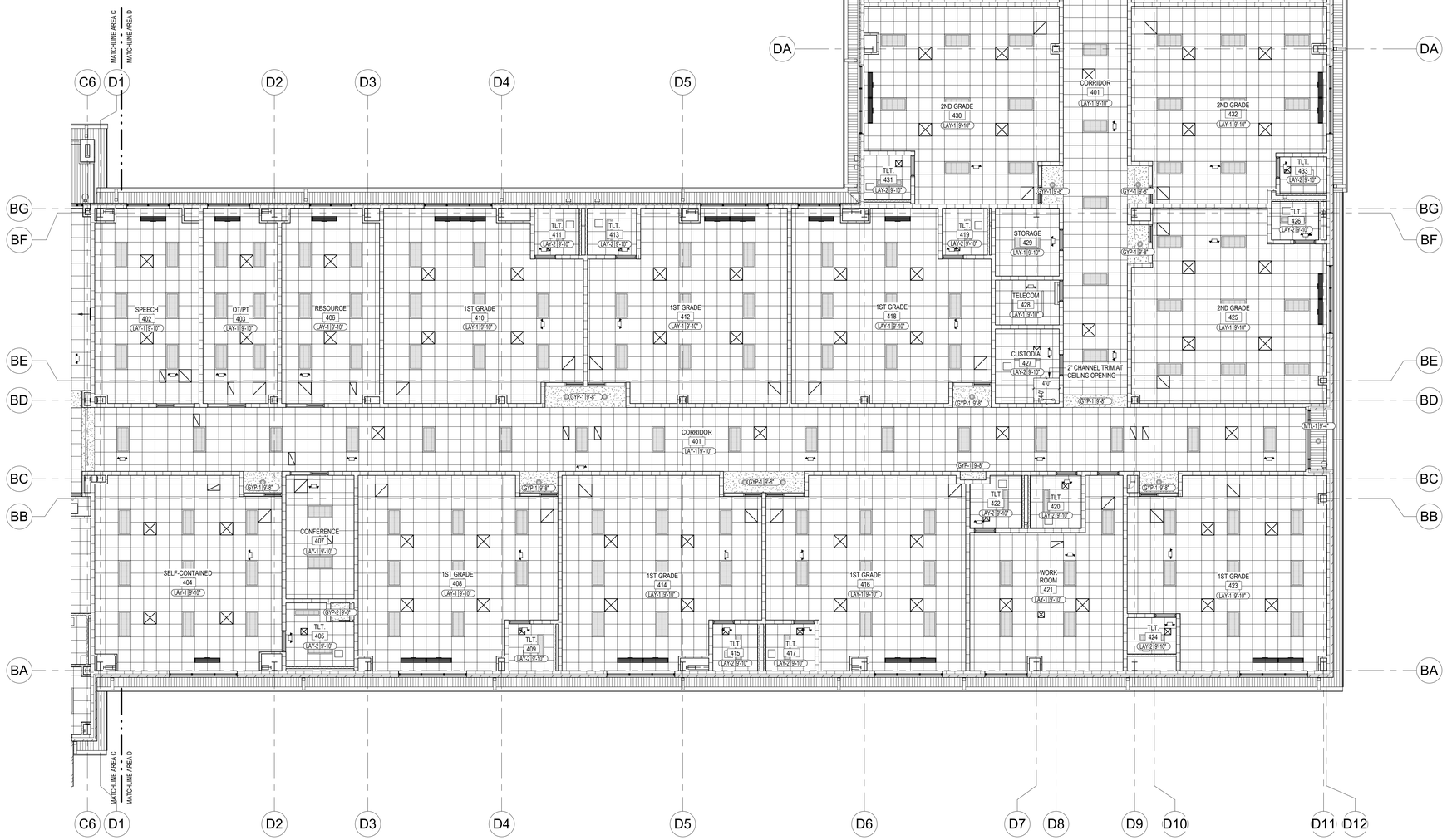
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A6.3

REFLECTED CEILING LEGEND

2'X2' LAY-IN CEILING SYSTEM

- 2'x4' LAY-IN FIXTURE
- 2'x2' LAY-IN FIXTURE
- CAN LIGHT FIXTURE
- CEILING DIFFUSER
- CEILING DIFFUSER
- RETURN AIR GRILLE
- EF EXHAUST FAN
- CEILING CASSETTE
- LINEAR SLOT DIFFUSER
- GYPSUM BOARD
- PREFINISHED METAL SOFFIT SYSTEM - MTL-1
- ACM SOFFIT SYSTEM
- EXPOSED STRUCTURE - DRYFALL PAINT



NORTH

1 / A6.4 REFLECTED CEILING PLAN - AREA D

1/8" = 1'-0"

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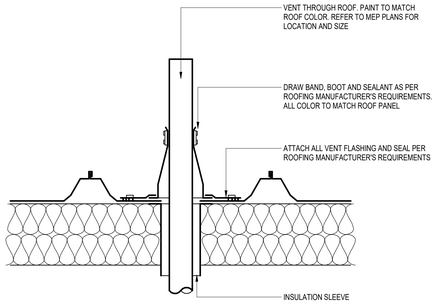
REFLECTED CEILING PLAN - AREA D

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

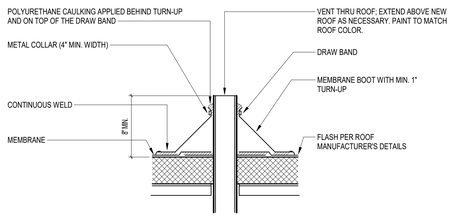
REGISTERED ARCHITECT
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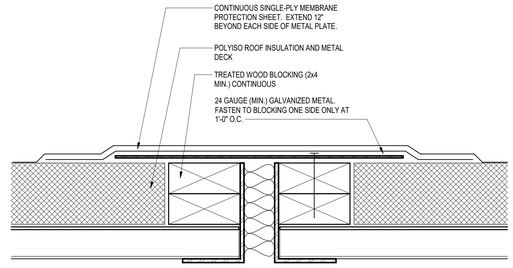
A6.4



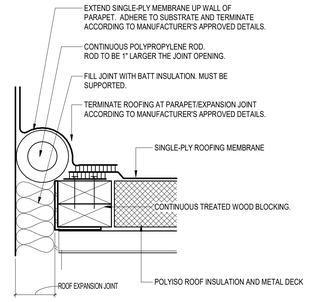
5 A7.1 VENT THROUGH ROOF DETAIL
1 1/2" = 1'-0"



4 A7.1 TYPICAL VENT THRU MEMBRANE ROOFING
1 1/2" = 1'-0"



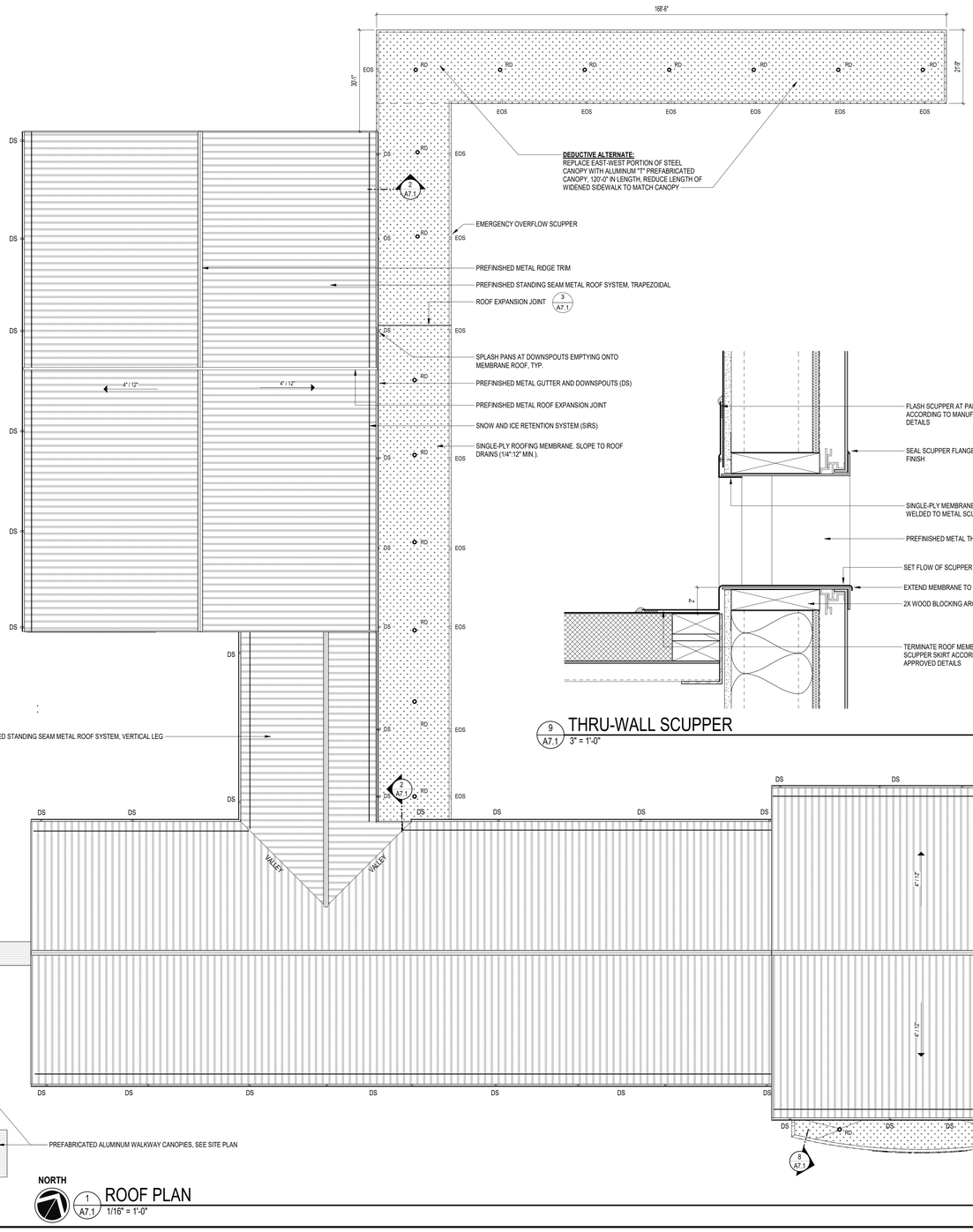
3 A7.1 ROOF EXPANSION JOINT
12" = 1'-0"



2 A7.1 ROOF EXPANSION JOINT
3" = 1'-0"

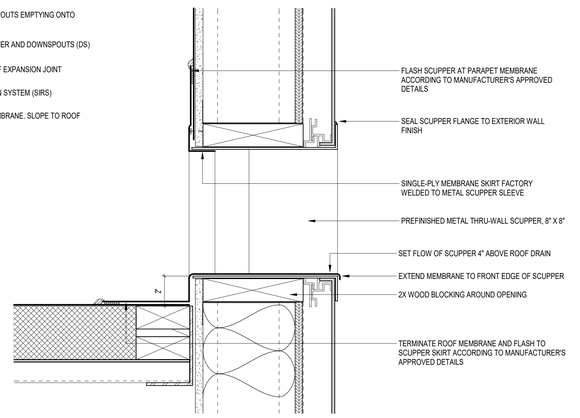
GENERAL ROOF NOTES

1. COORDINATE ALL ROOF PENETRATIONS FOR LOCATION, SIZE AND REQUIRED MATERIALS. ROOFING CONTRACTOR TO INSTALL OR VERIFY INSTALLATION OF ALL PENETRATIONS AND REQUIRED MATERIALS. ROOFING CONTRACTOR TO PROVIDE ALL FLASHING, PENETRATIONS, CURBS, CRICKETS, TERMINATIONS, ETC. NOT SPECIFICALLY PROVIDED BY OTHER TRADES AND AS REQUIRED FOR WARRANTIED INSTALLATION.
2. ALL ROOFING DETAILS (FLASHING, EDGE METAL, PENETRATIONS, CURBS, ETC.) SHALL BE APPROVED BY THE MANUFACTURER AND INCLUDED IN SYSTEM WARRANTY. PROVIDE ALL MATERIAL AND WORK REQUIRED, SHOWN OR NOT, FOR WARRANTIED INSTALLATION.
3. ALL METAL ROOFING (INCLUDING TRIM, GUTTERS, DOWNSPOUTS, ETC.) SHALL BE FROM SAME MANUFACTURER, AND SHALL BE INCLUDED UNDER A SINGLE WEATHER TIGHTNESS WARRANTY.

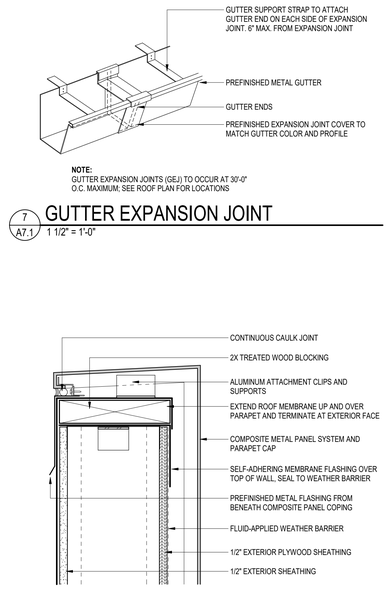


NORTH

1 A7.1 ROOF PLAN
1/16" = 1'-0"



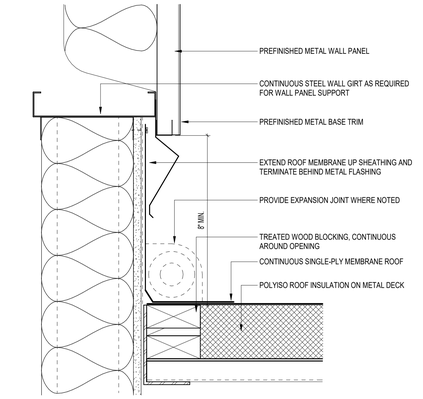
9 A7.1 THRU-WALL SCUPPER
3" = 1'-0"



NOTE:
GUTTER EXPANSION JOINTS (GEJ) TO OCCUR AT 30'-0" O.C. MAXIMUM; SEE ROOF PLAN FOR LOCATIONS

7 A7.1 GUTTER EXPANSION JOINT
1 1/2" = 1'-0"

8 A7.1 ACM - COPING DETAIL
3" = 1'-0"



6 A7.1 ROOF TO WALL FLASHING DETAIL
3" = 1'-0"

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9322 • WWW.LEMVRW.COM

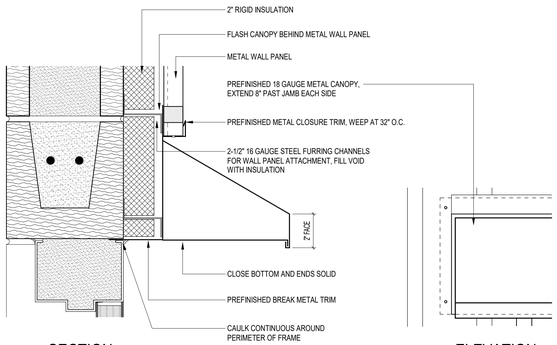
ROOF PLAN

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE & WOODWARD, INC.
NO. C-82
ARKANSAS
5/18/26

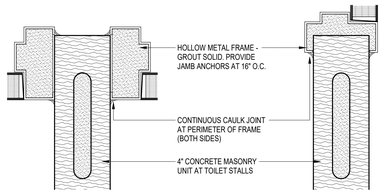
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: WSD/SP
REV:

A7.1



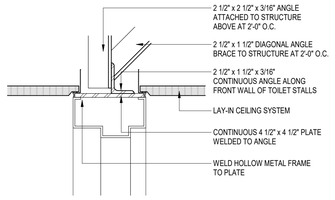
9 / A8.1 EXTERIOR HOLLOW METAL FRAME

3" = 1'-0"



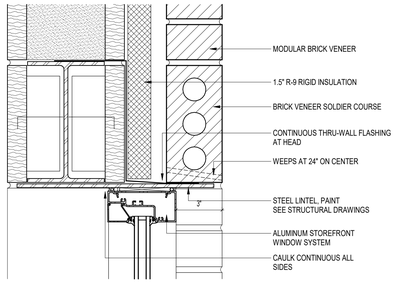
8 / A8.1 HOLLOW METAL FRAME @ TOILET JAMB

3" = 1'-0"



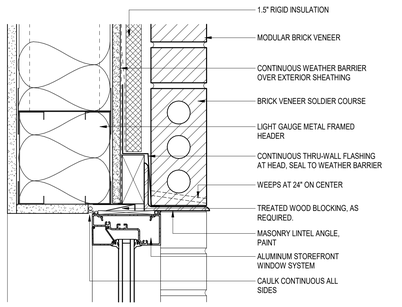
7 / A8.1 HOLLOW METAL FRAME @ TOILET HEAD

3" = 1'-0"



6 / A8.1 EXTERIOR ALUMINUM STOREFRONT (@ MASONRY)

3" = 1'-0"



5 / A8.1 EXTERIOR ALUMINUM STOREFRONT

3" = 1'-0"

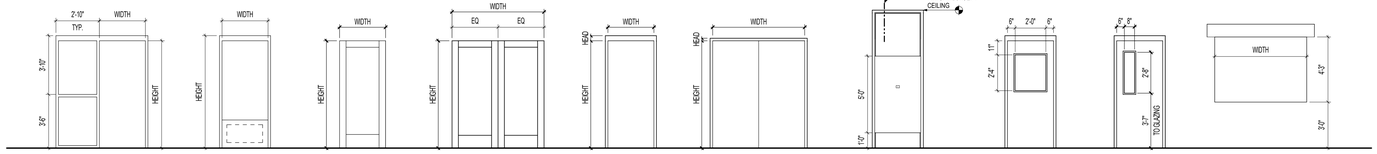
DOOR SCHEDULE

MARK	HW Set	PANEL TYPE	PANEL WIDTH	PANEL HEIGHT	PANEL THICK.	PANEL MATERIAL	PANEL FINISH	FRAME MATERIAL	FRAME FINISH	FRAME DEPTH	FRAME HEAD	COMMENTS
101.1	2.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROLLED HARDWARE
101.2	2.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	
101.3	2.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	
102.1	3.0	F-P	6'-0"	7'-0"	1 3/4"	INSUL. METAL	PAINT	HMF	PAINT	5 3/4"	2"	ICC-500, ACCESS CONTROLLED HARDWARE
102.2	7.0	F-P	6'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	ICC-500, 90-MIN LABEL
103.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
104.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
105.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
106.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
107.1	12.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
108.1	9.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	ACCESS CONTROLLED HARDWARE
109.1	12.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
110.1	26.0	F2	3'-0"	5'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	4 3/4"	2"	
110.2	24.0	F2	2'-4"	5'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	4 3/4"	2"	
111.1	26.0	F2	3'-0"	5'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	4 3/4"	2"	
112.1	6.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	
112.2	6.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	
113.1		F	3'-0"	7'-0"	1 3/4"	INSUL. METAL	PAINT	HMF	PAINT	5 3/4"	4"	ACCESS CONTROLLED HARDWARE
114.1	16.0	F-P	6'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
115.1	32.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
115.2	32.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
116.1		F	4'-0"	7'-0"	1 3/4"	INSUL. METAL	PAINT	HMF	PAINT	5 3/4"	4"	ACCESS CONTROLLED HARDWARE
117.1	18.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
118.1	24.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
120.1	31.0	CR2	3'-4"	4'-0"	2"	<By Category>	PRE-FINISHED	-	-			JAMB AND HEADER BY KITCHEN EQUIPMENT PROVIDER
121.1	27.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
122.1	17.0	FG	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
124.1	12.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
201.1	2.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROLLED HARDWARE
202.1	22.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
203.1	22.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
203.2	12.0	F-C	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
204.1	18.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
205.1	20.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
206.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
207.1	15.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
208.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
209.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
210.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
211.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
212.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
213.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
214.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
215.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
216.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
217.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
218.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
219.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
220.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
221.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
222.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
223.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
224.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
225.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
226.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
227.1	10.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	ACCESS CONTROLLED HARDWARE
228.1	14.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
229.1	14.0	F	3'-0"	7'-0"	1 3/4"	INSUL. METAL	PAINT	HMF	PAINT	5 3/4"	4"	
230.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
231.1	22.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
232.1	18.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
233.1	18.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
234.1	18.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
301.1	1.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROLLED HARDWARE

DOOR SCHEDULE

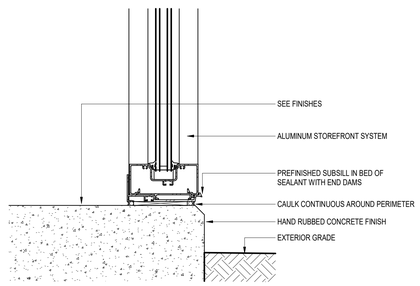
MARK	HW Set	PANEL TYPE	PANEL WIDTH	PANEL HEIGHT	PANEL THICK.	PANEL MATERIAL	PANEL FINISH	FRAME MATERIAL	FRAME FINISH	FRAME DEPTH	FRAME HEAD	COMMENTS
301.2	1.0	AL1	3'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROLLED HARDWARE
302.1	5.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROLLED HARDWARE
302.2	5.0	AL1	3'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROLLED HARDWARE
302.3	2.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	
303.1	10.0	G	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	ACCESS CONTROLLED HARDWARE
304.1	19.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
305.1	18.0	G	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
306.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
307.1	29.0	AL1	3'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROLLED HARDWARE
307.2	13.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
308.1	18.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
309.1	17.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
310.1	17.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
311.1	9.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	ACCESS CONTROLLED HARDWARE
312.1	28.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
313.1	12.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
314.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
315.1	17.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
316.1	17.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
317.1	16.0	F-P	6'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
318.1	10.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	ACCESS CONTROLLED HARDWARE
318.2	8.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	ACCESS CONTROLLED HARDWARE
319.1	30.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	
320.1	21.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
320.2	17.0	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	8 1/4"	2"	
321.1	11.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
401.1	2.0	AL1-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	
401.2	2.0	AL1-P	5'-10"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	
402.1	22.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
403.1	22.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
404.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
405.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
406.1	22.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
407.1	22.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
408.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
409.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
410.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
411.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
412.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
413.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
414.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
415.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
416.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
417.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
418.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
419.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
420.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
421.1	20.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
422.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
423.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
424.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
425.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
426.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
427.1	12.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
428.1	8.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	ACCESS CONTROLLED HARDWARE
429.1	12.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
430.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
431.1	25.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
432.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
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434.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
435.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
436.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
437.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
438.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
439.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
440.1	21.0	F-S	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
441.1	23.0	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	

NOTE:
SEE DOOR SCHEDULE FOR ALL PANEL AND FRAME DIMENSIONS



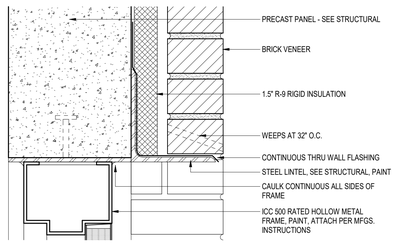
1 / A8.1 DOOR ELEVATIONS

1/4" = 1'-0"



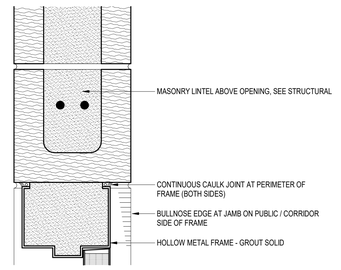
4 / A8.1 EXTERIOR ALUMINUM STOREFRONT SILL

3" = 1'-0"



3 / A8.1 HOLLOW METAL FRAME

3" = 1'-0"



2 / A8.1 HOLLOW METAL FRAME

3" = 1'-0"

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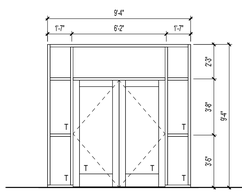
DOOR SCHEDULE & DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
NO. C-82
ARKANSAS
5/18/26

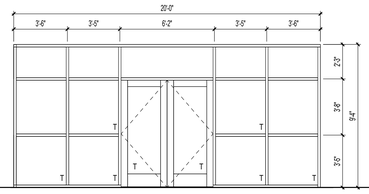
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: WSD/SP
REV:

A8.1



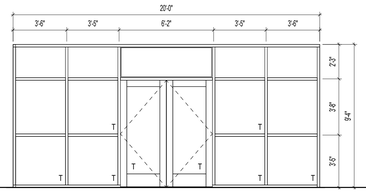
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ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING. TEMPERED WHERE INDICATED



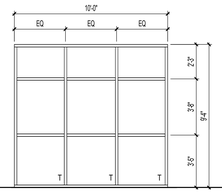
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ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING. TEMPERED WHERE INDICATED



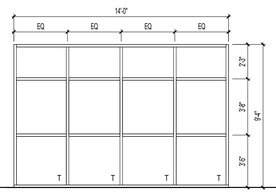
C

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1/4" GLAZING. TEMPERED WHERE INDICATED



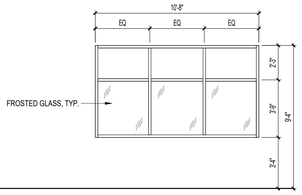
D

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING. TEMPERED WHERE INDICATED



E

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING. TEMPERED WHERE INDICATED



F

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING

G

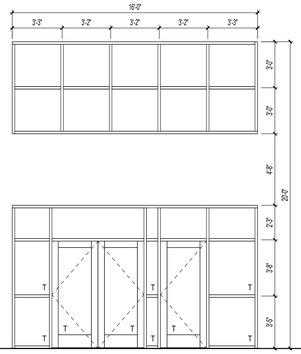
ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING

H

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING

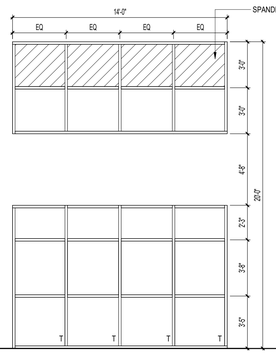
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ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING



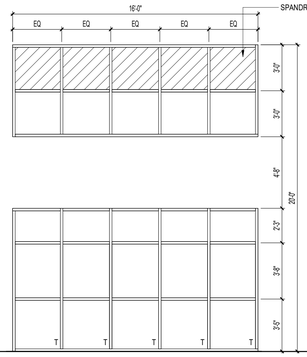
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ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING. TEMPERED WHERE INDICATED



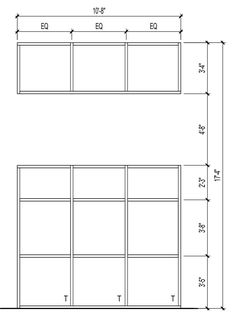
L

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING. TEMPERED WHERE INDICATED



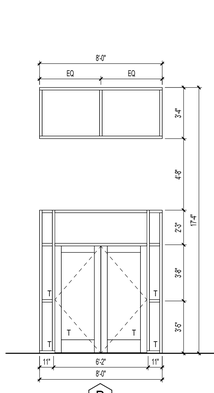
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ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING. TEMPERED WHERE INDICATED



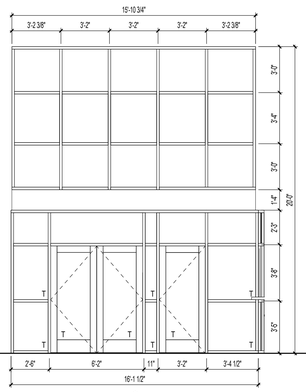
N

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1/4" GLAZING, TEMPERED WHERE INDICATED



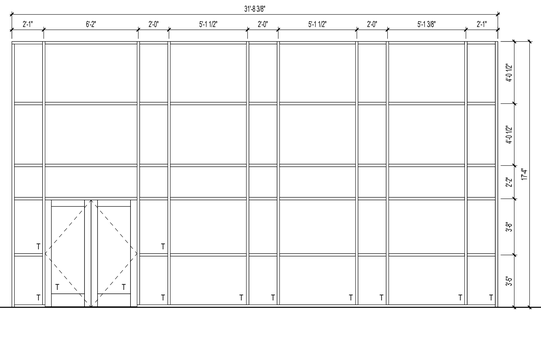
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ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" LOW-E, TINTED, INSULATED GLAZING. TEMPERED WHERE INDICATED



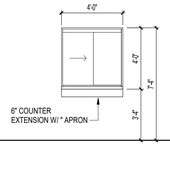
Q

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1/4" GLAZING. TEMPERED WHERE INDICATED



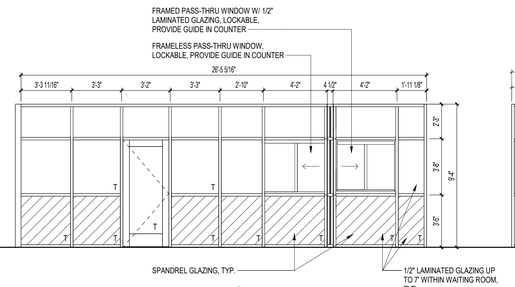
R

6" ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1/4" GLAZING. TEMPERED WHERE INDICATED



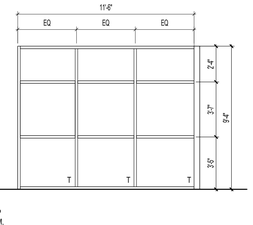
S

FRAMED PASS-THRU WINDOW WITH 1/2" LAMINATED GLAZING, LOCKABLE, PROVIDE GUIDE IN COUNTER



T

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1/2" LAMINATED GLAZING UP TO 7' AND 1/4" GLAZING, TEMPERED WHERE INDICATED



U

ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1/4" GLAZING, TEMPERED WHERE INDICATED

1 A8.2 WINDOW ELEVATIONS

1/4" = 1'-0"

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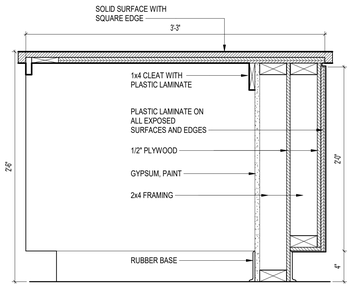
WINDOW ELEVATIONS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

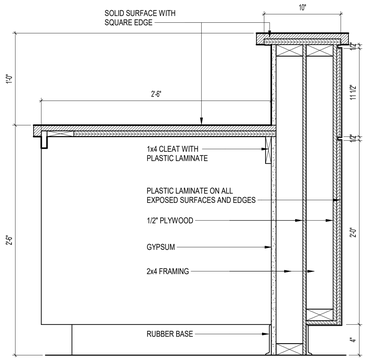
REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD
NO. C-82
ARKANSAS
5/18/26

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SP
REV:

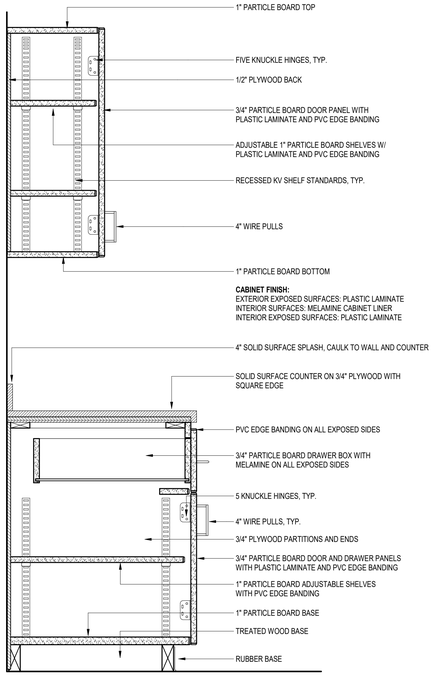
A8.2



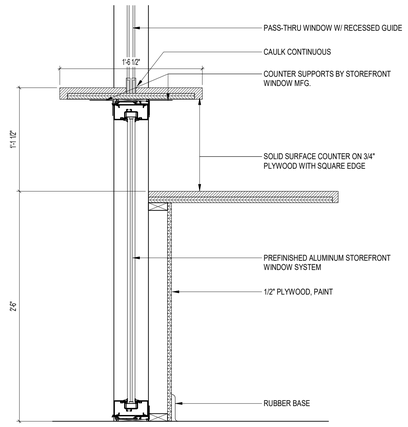
6 A8.3 LOW TRANSACTION COUNTER
1 1/2" = 1'-0"



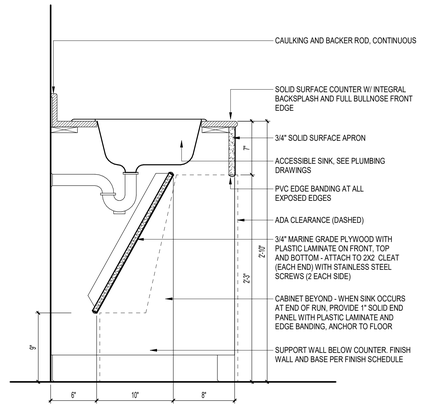
5 A8.3 HIGH TRANSACTION COUNTER
1 1/2" = 1'-0"



4 A8.3 MILLWORK DETAIL
1 1/2" = 1'-0"



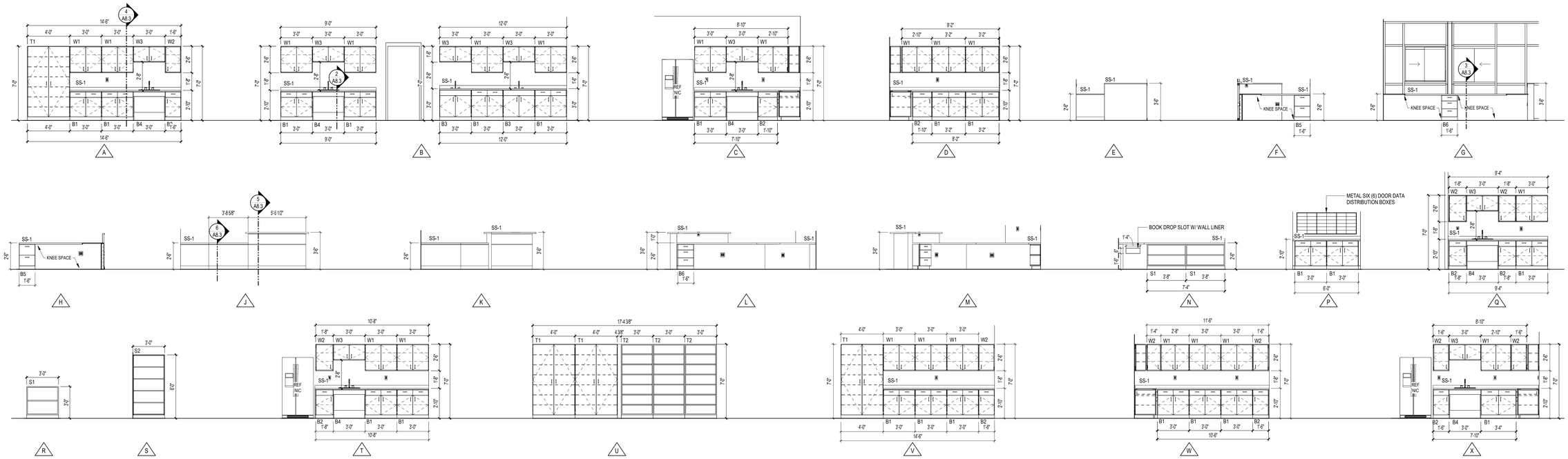
3 A8.3 DETAIL @ RECEPTION COUNTER
1 1/2" = 1'-0"



2 A8.3 MILLWORK DETAIL - ACCESSIBLE SINK
1 1/2" = 1'-0"

CASEWORK SCHEDULE

MARK	DESCRIPTION	DEPTH
B1	BASE CABINET - DOUBLE DOOR WITH ONE (1) ADJUSTABLE SHELF AND TWO (2) 6" TALL DRAWERS	24"
B2	BASE CABINET - SINGLE DOOR WITH ONE (1) ADJUSTABLE SHELF AND 6" TALL DRAWER	24"
B3	SINK BASE CABINET - DOUBLE DOOR WITH FALSE DRAWER PANEL	24"
B4	SINK BASE CABINET - ACCESSIBLE APRON WITH REMOVABLE SLOPED PANEL TO CONCEAL PLUMBING	24"
B5	BASE CABINET - TWO FILE DRAWERS, LOCKABLE	24"
B6	BASE CABINET - THREE (3) DRAWERS WITH 6" TALL TOP DRAWER AND TWO EQUAL DRAWERS BELOW	24"
S1	SPECIALTY CABINET - LIBRARY SHELVING UNIT WITH ONE (1) ADJUSTABLE SHELF	12"
S2	SPECIALTY CABINET - SINGLE DOOR WITH THREE (3) ADJUSTABLE SHELVES	12"
T1	TALL CABINET - DOUBLE DOOR WITH SIX (6) ADJUSTABLE SHELVES	24"
T2	TALL CABINET - OPEN WITH SIX (6) ADJUSTABLE SHELVES	24"
W1	WALL CABINET - DOUBLE DOOR WITH TWO (2) ADJUSTABLE SHELVES	12"
W2	WALL CABINET - SINGLE DOOR WITH TWO (2) ADJUSTABLE SHELVES	12"
W3	WALL CABINET - DOUBLE DOOR (NO SHELF)	12"
W4	WALL CABINET - OPEN WITH FIFTY-SIX (56) EQUAL MAIL SLOTS	15 1/2"



1 A8.3 MILLWORK ELEVATIONS
1/4" = 1'-0"

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MILLWORK ELEVATIONS & DETAILS

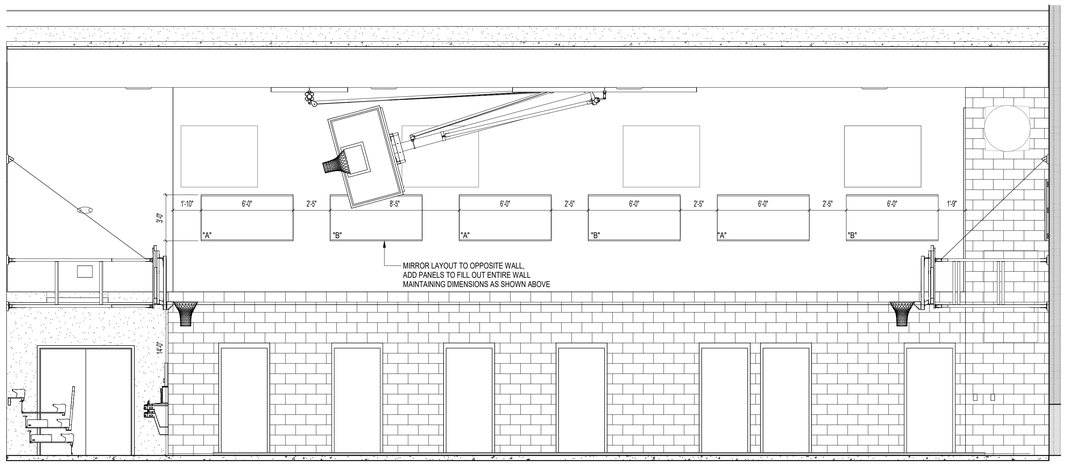
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE & WOODWARD, INC.
NO. C-82
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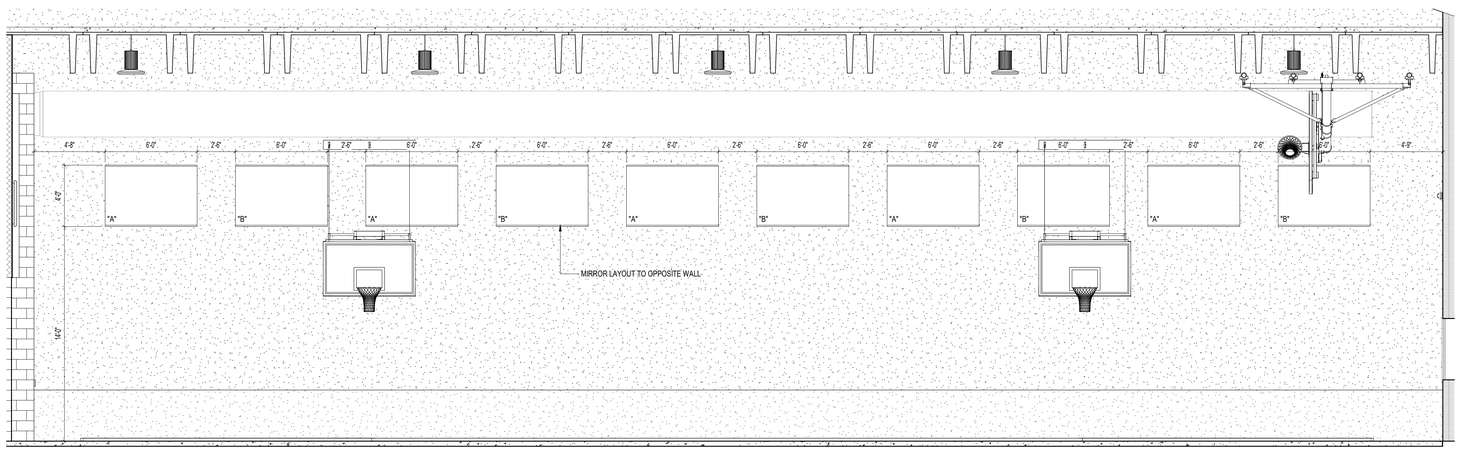
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SP
REV:

A8.3

ACOUSTICAL WALL PANEL LEGEND
"A" - 1" THICK, COLOR A
"B" - 3" THICK, COLOR B



1 A8.4 SAFE ROOM AWP LAYOUT #1
1/4" = 1'-0"



2 A8.4 SAFE ROOM AWP LAYOUT #2
1/4" = 1'-0"

INTERIOR FINISH SCHEDULE

ROOM IDENTIFCATION NAME	#	FLOOR	BASE	WALL	CEILING	WINDOW SHADES	REMARKS
CORRIDOR	101	PC-1	RB-1	P-2	LAY-1	NONE	
PE	102	SPF-1	RB-1	P-2/AWP-1	EXP-1	NONE	
TLT.	103	EPX-1	EXPB-1	CT-1	LAY-2	NONE	4
TLT.	104	EPX-1	EXPB-1	CT-1	LAY-2	NONE	4
TLT.	105	EPX-1	EXPB-1	CT-1	LAY-2	NONE	4
TLT.	106	EPX-1	EXPB-1	CT-1	LAY-2	NONE	4
UTILITY	107	SC-1	RB-1	P-2	LAY-2	NONE	
DATA	108	SC-1	RB-1	UNF-1	LAY-1	NONE	
STORAGE	109	SC-1	RB-1	P-1	LAY-1	NONE	
GIRLS	110	EPX-1	EXPB-1	CT-1	LAY-2	NONE	3
BOYS	111	EPX-1	EXPB-1	CT-1	LAY-2	NONE	3
DINING	112	PC-1	RB-1	P-2	LAY-3/EXP-1/GYP-1	NONE	
STAGE	113	PC-1	RB-1	P-2	EXP-1	NONE	1
STORAGE	114	SC-1	RB-1	P-1	LAY-1	NONE	
SERVING AREA	115	EPX-1	EXPB-1	P-2	LAY-1/LAY-2	NONE	
PREP AREA	116	EPX-1	EXPB-1	FRP-1	LAY-1/LAY-2	NONE	
MECH.	117	SC-1	NONE	UNF-1	LAY-1	NONE	
TLT.	118	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	
COOLER/FREEZER	119	SC-1	NONE	UNF-1	EXP-2	NONE	
WARE WASHING	120	EPX-1	RB-1	STL-1	LAY-2	NONE	
DRY STORAGE	121	EPX-1	EXPB-1	FPR-1	LAY-2	NONE	
OFFICE	122	EPX-1	EXPB-1	P-2	LAY-2	NONE	
HALL	123	EPX-1	EXPB-1	FRP-1/P-2	LAY-1/LAY-2	NONE	2
FURN.	124	SC-1	NONE	UNF-1	LAY-1	NONE	
CORRIDOR	201	PC-1	RB-1	P-2	LAY-1/GYP-1	NONE	
GIFTED & TALENTED	202	PC-1	RB-1	P-1	LAY-1	MWS-1	
FINE ARTS	203	PC-1	RB-1	P-1	LAY-1	MWS-1	
FURN.	203B	SC-1	NONE	UNF-1	LAY-1	NONE	
STO.	204	PC-1	RB-1	P-1	LAY-1	NONE	
WORK ROOM	205	PC-1	RB-1	P-1	LAY-1	NONE	
TLT.	206	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
CUSTODIAL	207	SC-1	RB-1	P-2	LAY-2	NONE	
KINDERGARTEN	208	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	209	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
KINDERGARTEN	210	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	211	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
KINDERGARTEN	212	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	213	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
KINDERGARTEN	214	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	215	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
TLT.	216	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
KINDERGARTEN	217	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	218	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
KINDERGARTEN	219	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	220	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
KINDERGARTEN	221	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	222	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
KINDERGARTEN	223	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	224	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
KINDERGARTEN	225	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	226	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
MAIN CROSS-CONNECT	227	SC-1	NONE	UNF-1	LAY-1	NONE	
STORAGE	228	PC-1	RB-1	P-1	LAY-1	NONE	
RISER	229	SC-1	NONE	UNF-1	LAY-2	NONE	
MULTI-PURPOSE	230	PC-1	RB-1	P-1	LAY-1	MWS-1	
ISS	231	PC-1	RB-1	P-1	LAY-1	NONE	
A/V	232	CPT-1	RB-1	P-1	LAY-1	NONE	
CONFERENCE	233	CPT-1	RB-1	P-1	LAY-1	NONE	
OFFICE	234	CPT-1	RB-1	P-1	LAY-1	NONE	
WAITING	301	CPT-2	RB-1	P-2	LAY-1	NONE	
CORRIDOR	302	PC-1	RB-1	P-2	LAY-1/GYP-1	NONE	
SRO	303	PC-1	RB-1	P-1	LAY-1	MWS-1	
HEALTH CENTER	304	PC-1	RB-1	P-1	LAY-1	NONE	
OFFICE	305	PC-1	RB-1	P-1	LAY-1	NONE	
TLT	306	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
SECRETARY	307	CPT-1	RB-1	P-1	LAY-1	NONE	
GUIDANCE RECEPTION	308	CPT-1	RB-1	P-1	LAY-1	NONE	
COUNSELOR	309	CPT-1	RB-1	P-1	LAY-1	NONE	
COUNSELOR	310	CPT-1	RB-1	P-1	LAY-1	NONE	
HALL	311	CPT-1	RB-1	P-1	LAY-1	NONE	
WORK ROOM	312	LVT-1	RB-1	P-1	LAY-1	NONE	
STO.	313	PC-1	RB-1	P-1	LAY-1	NONE	
TLT	314	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	
VICE PRINCIPAL	315	CPT-1	RB-1	P-1	LAY-1	MWS-1	
PRINCIPAL	316	CPT-1	RB-1	P-1	LAY-1	MWS-1	

INTERIOR FINISH SCHEDULE

ROOM IDENTIFCATION NAME	#	FLOOR	BASE	WALL	CEILING	WINDOW SHADES	REMARKS
FURN.	317	SC-1	NONE	UNF-1	LAY-1	NONE	
CONFERENCE	318	CPT-1	RB-1	P-1	LAY-1	MWS-1	
READING ROOM	319	CPT-1	RB-1	P-2	LAY-3/LAY-4/EXP-1	MWS-1	
COMPUTER LAB	320	CPT-1	RB-1	P-2	LAY-3/EXP-1	NONE	
FURN.	321	SC-1	NONE	UNF-1	LAY-1	NONE	
CORRIDOR	401	PC-1	RB-1	P-2	LAY-1/GYP-1	NONE	
SPEECH	402	PC-1	RB-1	P-1	LAY-1	MWS-1	
OT/PT	403	PC-1	RB-1	P-1	LAY-1	MWS-1	
SELF-CONTAINED	404	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	405	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
RESOURCE	406	PC-1	RB-1	P-1	LAY-1	MWS-1	
CONFERENCE	407	CPT-1	RB-1	P-1	LAY-1	NONE	
1ST GRADE	408	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	409	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
1ST GRADE	410	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	411	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
1ST GRADE	412	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	413	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
1ST GRADE	414	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	415	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
1ST GRADE	416	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	417	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
1ST GRADE	418	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	419	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
TLT	420	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
WORK ROOM	421	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT	422	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
1ST GRADE	423	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	424	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
2ND GRADE	425	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	426	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
CUSTODIAL	427	SC-1	RB-1	P-2	LAY-2	NONE	
TELECOM	428	SC-1	NONE	UNF-1	LAY-1	NONE	
STORAGE	429	SC-1	RB-1	P-1	LAY-1	NONE	
2ND GRADE	430	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	431	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
2ND GRADE	432	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	433	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
2ND GRADE	434	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	435	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
2ND GRADE	436	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	437	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
2ND GRADE	438	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	439	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4
2ND GRADE	440	PC-1	RB-1	P-1	LAY-1	MWS-1	
TLT.	441	EPX-1	EXPB-1	CT-1/P-2	LAY-2	NONE	4

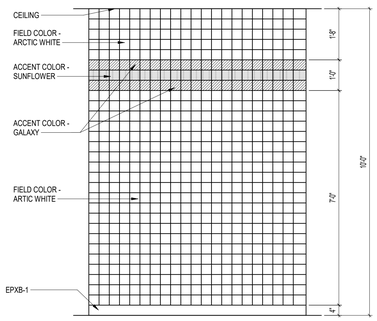
MATERIAL KEY

	MARK	DESCRIPTION
FLOOR	SC-1	SEALED CONCRETE
	PC-1	POLISHED CONCRETE
	EPX-1	EPOXY RESINOUS FLOORING
	CPT-1	CARPET TILE
	CPT-2	WALK OFF CARPET TILE
	SPF-1	SPORTS FLOORING
BASE	RB-1	RUBBER BASE
	EPXB-1	EPOXY RESINOUS COVE BASE
	NONE	NO BASE
WINDOW SHADE	MWS-1	MANUAL WINDOW SHADE
	NONE	NO WINDOW SHADE

	MARK	DESCRIPTION
WALL	P-1	PAINT - SEMI GLOSS
	P-2	PAINT - EPOXY
	FRP-1	FIBER REINFORCED PANELS
	STL-1	STAINLESS STEEL PANELS
	AWP-1	ACOUSTICAL WALL PANELS
	UNF-1	UNFINISHED CMU - NO PAINT
CEILING	LAY-1	ACOUSTICAL TILES
	LAY-2	VINYL COMPOSITION TILES
	LAY-3	4" AXIOM TRIM WITH LAY-1
	LAY-4	2' X 2' OPEN GRID - CUSTOM COLOR RAL
	GYP-1	GYPSUM BOARD - PAINT FLAT
	EXP-1	EXPOSED STRUCTURE- PAINT
	EXP-2	EXPOSED STRUCTURE- NO PAINT

REMARKS

1. PAINT ALL WALLS UP TO 20'-0" ABOVE STAGE FLOOR.
2. FIBER REINFORCED PANELS (FRP-1) ONLY AT GYP. WALLS.
3. CERAMIC TILE (CT-1) ALL WALLS, THIS LOCATION.
4. CERAMIC TILE (CT-1) WAINSCOT, ALL WALLS THIS LOCATION, 5'-0" HIGH.



3 A8.4 WALL TILE PATTERN
1/2" = 1'-0"

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

FINISH SCHEDULE/INTERIOR ELEVATIONS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
NO. C-82
ARKANSAS
5/18/26

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SP
REV:

A8.4

GENERAL STRUCTURAL NOTES:

1. STRUCTURE IS ONLY STABLE WHEN ALL CONSTRUCTION IS COMPLETE.

2. CONTRACTOR IS TO BE RESPONSIBLE FOR MAINTAINING A SAFE AND STABLE STRUCTURE INCLUDING ALL NEW AND EXISTING CONSTRUCTION DURING THE CONSTRUCTION OF ALL WORK. THIS RESPONSIBILITY SHALL INCLUDE BUT NOT BE LIMITED TO PROVIDING ALL NECESSARY SHORING, GUYING, BRACING AND/OR OTHER MEANS (INCLUDING THE DESIGN OF SUCH) TO SAFELY STABILIZE ALL EXISTING AND NEW CONSTRUCTION DURING THE WORK.

3. IT IS TO BE UNDERSTOOD THAT NOT ALL EXISTING CONDITIONS ARE ACCURATELY KNOWN. NO FRAMING OR FOUNDATION DRAWINGS WERE AVAILABLE FOR THIS BUILDING. CONTRACTOR IS TO PROCEED CAUTIOUSLY WHEN UNCOVERING AND/OR MODIFYING EXISTING CONDITIONS AND IS TO NOTIFY THE ARCHITECT AND ENGINEER OF ANYTHING HE DETECTS THAT IS NOT SAFE AND/OR CONFLICTS WITH THE NEW DESIGN AS INDICATED ON THESE DRAWINGS.

4. BEFORE BEGINNING WORK, CONTRACTOR IS TO CHECK ALL EXISTING DIMENSIONS, DESCRIPTIONS, AND CONDITIONS AND NOTIFY ARCHITECT AND ENGINEER OF ANYTHING DIFFERENT THAN SHOWN ON THESE PLANS.

5. BEFORE BEGINNING WORK, CONTRACTOR IS TO COMPARE ALL DIMENSIONS, ELEVATIONS AND OTHER CONDITIONS BETWEEN THE DIFFERENT DESIGN PROFESSIONALS DRAWINGS (e.g. ARCHITECT AND ENGINEER) AND NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES, AND OBTAIN THEIR WRITTEN INSTRUCTIONS REGARDING SUCH.

6. BEFORE BEGINNING WORK, CONTRACTOR IS TO EXPOSE ALL AREAS OF EXISTING STRUCTURE WHERE NEW CONSTRUCTION IS TO OCCUR AND EVALUATE, AND DETERMINE THE COMPOSITION OF THE EXISTING STRUCTURE CONSTRUCTION IN THESE AREAS AND INFORM ARCHITECT AND ENGINEER OF THOSE CONDITIONS. CONTRACTOR IS TO THEN OBTAIN THEIR WRITTEN INSTRUCTIONS REGARDING SUCH PRIOR TO FABRICATION OF ANY STRUCTURAL ITEM AND/OR COMPONENTS NEEDED FOR THIS PROJECT.

7. BRACE AND GUY UNTIL ALL FINAL CONNECTIONS ARE MADE.

8. WHEN WELDING OR USING A TORCH IN OR AROUND EXISTING BUILDINGS OR FINISHED AREAS, (FINISHED ROOMS, ATTICS, ON ROOFS, ETC.) PROVIDE FIRE BLANKETS, FIRE WATCHES, ETC. TO PREVENT FIRES OR FIRE DAMAGE.

FOUNDATION NOTES:

1. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. REPORT DISCREPANCIES BETWEEN DRAWINGS AND SITE CONDITIONS TO ARCHITECT FOR COORDINATION.
2. ALL EXISTING UNDERGROUND UTILITIES, FOUNDATIONS, ETC. SHALL BE REMOVED FROM THE AREA OF THE BUILDING PAD AS DIRECTED BY THE GEOTECHNICAL ENGINEER. BACKFILL EXCAVATIONS WITH COMPACTED SELECT FILL AND PLACE PER NOTE 5 BELOW.
3. POSITIVE DRAINAGE AWAY FROM BUILDING PADS SHALL BE PROVIDED AT ALL TIMES. SATURATION OF SUBSURFACE SOILS WILL BE DETRIMENTAL AND MAY INCREASE UNDERCUTS.
4. AT LOCATIONS WHERE UTILITY, ELECTRICAL, OR PLUMBING TRENCHES ARE LOCATED BELOW THE FOOTING AND WITHIN 5 FEET OF THE EDGE OF THE FOOTING, OR BELOW THE FOOTING, TRENCHES SHALL BE BACKFILLED IN LIFTS, COMPACTED, AND TESTED PER NOTE 5.
5. ALL COMPACTED FILL SHALL BE PLACED IN 6-8 INCH LOOSE LIFTS AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM MODIFIED PROCTOR (ASTM D-1557) . FILL SOILS SHALL CONSIST OF LOW-PLASTICITY, NON-EXPANSIVE SOILS HAVING A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY INDEX LESS THAN 15. FILL SOILS SHALL BE SELECT CLAYEY SAND (SC), SANDY CLAY (CL), OR CLAY GRAVEL (GC), AS NOTED IN THE SOILS REPORT. THE GEOTECHNICAL ENGINEER SHALL APPROVE ALL MATERIAL TO BE USED FOR FILL OR BACKFILL MATERIAL PRIOR TO PLACING EACH LIFT, THE PREVIOUS LIFT SHALL BE TESTED AND APPROVED BY GEOTECHNICAL ENGINEER.
6. FLOOR SLABS SHALL BEAR ON A MINIMUM 4" OF WASHED GRAVEL. VAPOR BARRIER (SEE SPECIFICATION 07 26 16) SHALL BE PLACED DIRECTLY BENEATH THE SLAB ON GRADE. BELOW THE WASHED GRAVEL SHALL BE EITHER COMPACTED SELECT FILL OR APPROVED NATURAL MATERIAL PASSING PROOFROLL.
7. FOOTINGS SHALL BEAR ON APPROVED NATURAL UNDISTURBED STIFF SOILS OR COMPACTED SELECT FILL CAPABLE OF 2000 PSF ALLOWABLE BEARING CAPACITY. IF SUITABLE BEARING STRATA IS NOT REACHED AT THE BOTTOM OF FOOTING ELEVATION, THE FOOTINGS SHALL BE UNDERCUT UNTIL ACCEPTABLE MATERIAL IS REACHED. FILL UNDERCUT WITH LEAN CONCRETE (300 PSI @ 28 DAYS) TO BOTTOM OF FOOTING ELEVATION. EXCAVATIONS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING REBAR OR FLOWABLE FILL.
8. FOOTINGS BELOW THE STORM SHELTER SHALL BEAR ON APPROVED NATURAL UNDISTURBED STIFF SOILS OR COMPACTED SELECT FILL CAPABLE OF 2,000 PSF ALLOWABLE BEARING CAPACITY. GEOTECHNICAL ENGINEER SHALL OBSERVE AND APPROVE BEARING STRATA PRIOR TO PLACEMENT OF REBAR. IF UNDERCUTTING OF THE STORM SHELTER WALL FOOTINGS IS REQUIRED, THE THICKNESS OF THE FOOTING SHALL BE INCREASED ACCORDINGLY. LOCATION OF REINFORCING SHALL BE MAINTAINED AS DETAILED FROM THE TOP OF THE FOOTING.
9. FILTER FABRIC AT RETAINING WALLS/STEMWALLS SHALL BE A NONWOVEN GEOTEXTILE (MIRAFI 140N OR EQUAL)
10. REFER TO THE MAXIMUM ALLOWABLE REACTION NOTE ON SHEET S1.2, FOR ALLOWABLE REACTIONS FROM THE METAL BUILDING COLUMNS.
11. SUBGRADE MATERIALS SHALL NOT BE ALLOWED TO DRY OUT DURING EARTHWORK OR FOOTING EXCAVATIONS, NOR SHALL THEY BE ALLOWED TO BECOME SATURATED. FOLLOW GEOTECHNICAL RECOMMENDATIONS REGARDING SITE PREPARATION. IF DURING EARTHWORK OPERATIONS EXPANSIVE SOILS ARE ENCOUNTERED, CONTACT GEOTECHNICAL ENGINEER FOR FURTHER DIRECTION. NOTIFY ARCHITECT PRIOR TO IMPLEMENTING ADDITIONAL UNDERCUT/EARTHWORK.
12. FOUNDATION DESIGN IS BASED ON RECOMMENDATIONS PROVIDED BY GARNER ENGINEERING P.A.
13. PRIOR TO THE BEGINNING OF THE SITE WORK, THE GENERAL CONTRACTOR SHALL EMPLOY GEOTECHNICAL SERVICES TO OBSERVE SITE WORK OPERATIONS. IF THESE SERVICES ARE NOT FROM BY GARNER ENGINEERING P.A. THEY SHALL CONTACT BY GARNER ENGINEERING P.A.TO REVIEW THE SITE WORK AND FOUNDATION REQUIREMENTS OF THE PROJECT BEFORE THE BEGINNING OF WORK.
14. CONTRACTOR SHALL PROTECT EXISTING BUILDINGS FOUNDATIONS WHEN DRILLING OR EXCAVATING ADJACENT TO THEM. CONTRACTOR SHALL PROVIDE SHORING OR OTHER MEANS OF SUPPORT OF EXISTING FOUNDATIONS AS NOT TO CAUSE DAMAGE TO THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDINGS.

GENERAL CONCRETE NOTES:

1. AMERICAN CONCRETE INSTITUTE SPECIFICATIONS SHALL GOVERN ALL PHASES OF CONCRETE CONSTRUCTION.
2. CONCRETE PLACEMENT SHALL BE AS NOTED IN THE CONCRETE PLACEMENT SCHEDULE BELOW. SEE SPECIFICATIONS FOR MIX DESIGN REQUIREMENTS.
3. ALL REINFORCING STEEL SHALL BE GRADE 60. REBAR FOR TIE BEAMS AND HAIRPIN REINFORCING SHALL BE SPLICED W/ MECHANICAL DEVICES. SEE SPECIFICATIONS.
4. GENERAL CONTRACTOR SHALL VERIFY ALL CONCRETE DIMENSIONS, INSERTS, SLEEVES, AND OPENINGS WITH ALL TRADES BEFORE PLACING CONCRETE. ALL SLEEVES FOR CONDUIT, OR OTHER INSERTS SHALL BE PLACED PRIOR TO CONCRETE. NO CONCRETE SHALL BE BROKEN OUT TO PLACE ELECTRICAL, MECHANICAL, OR SIMILAR ITEMS WITHOUT THE PERMISSION OF THE ARCHITECT.
5. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO PLACING ANY CONCRETE. IF THERE ARE DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS, CONTACT THE ARCHITECT BEFORE COMMENCING WITH WORK.
6. CONCRETE PLACEMENT FOR SLABS SHALL BE CLOSELY COORDINATED WITH WEATHER CONDITIONS TO PREVENT RAPID MOISTURE LOSS OR TEMPERATURE SWINGS. ADEQUATE WIND BREAKS AND COLD/HOT WEATHER PROTECTION SHALL BE PROVIDED TO MAINTAIN ACCEPTABLE TEMPERATURES AT ALL TIMES DURING CURING.
7. 2 WEEKS PRIOR TO PLACING ANY EXPOSED CONCRETE SLABS, THE CONCRETE FINISHER, THE POLISHING SUBCONTRACTOR, THE CONCRETE SUPPLIER, ARCHITECTS REPRESENTATIVE, AND CONTRACTOR SHALL MEET TO DISCUSS MIX DESIGN, ADEQUATE PROTECTION, CURING, SIZE OF SLAB PLACEMENTS, ETC.
8. EXPOSED WALLS AND SLABS SHALL BE REVIEWED FOR CRACKING DETRIMENTAL TO FINISH. SLABS/WALLS TO BE EXPOSED TO VIEW MAY REQUIRE REMOVAL IF THEY ARE DAMAGED OR CRACKING OCCURS THAT WILL BE DETRIMENTAL TO THE FINISH/APPEARANCE OF THE FINAL PRODUCT.

CONCRETE PLACEMENT SCHEDULE

CONCRETE MIX TYPE	PLACEMENT
4,000 PSI WITH AIR-ENTRAINMENT	EXTERIOR RETAINING WALLS, EXTERIOR PAVING, CURBS, SIDEWALKS, STEPS, PADS,
4,000 PSI NO AIR-ENTRAINMENT	INTERIOR CONCRETE FLOORS & BLOCKOUTS STORM SHELTER TOPPING SLAB
3,000 PSI NO AIR-ENTRAINMENT	FOOTINGS, PEDESTALS
3,000 PSI MASONRY FILL/GROUT NO AIR-ENTRAINMENT	SHEAR WALLS, REINFORCED CELLS, BOND BEAMS, LINTELS, CMU FILL BELOW GRADE

BLOCK REINFORCING NOTES:

GENERAL NOTES:

1. MASONRY SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION FOR MASONRY STRUCTURES - TMS 402/606-16.
2. ALL MASONRY SHALL BE INSPECTED AS PER THE LEVEL 2 QUALITY OF ASSURANCE EXCEPT THE STORM SHELTER SHALL BE LEVEL 3 QUALITY OF ASSURANCE(FULL INSPECTION) AS SET FORTH IN TMS 402/606-16.
3. GROUTING OF VERTICAL CELLS SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION FOR MASONRY STRUCTURES AS SET FORTH IN TMS 402/606-16.
4. COMPRESSIVE STRENGTH FOR MASONRY (F'M) SHALL BE 2,000 PSI. ALL MASONRY SHALL BE RUNNING BOND WITH TYPE 'S' MORTAR.
5. VERTICAL REINFORCING MAY BE SPLICED IF REQUIRED. MINIMUM LAP SPLICES SHALL BE AS FOLLOWS:
   #4 VERTS - 20", #5 VERTS - 32", #6 VERTS. - 44"
6. ALL VERTICAL CELLS WITH REINFORCING AND BOND BEAMS SHALL BE FILLED WITH MASONRY GROUT WITH A COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
7. SEE DETAIL 3/S1.3 FOR TYPICAL OPENING IN MASONRY WALL.
8. SEE S1.3 FOR MASONRY LINTEL SCHEDULE. COORD. LOCATION, SIZE, & QUANTITY OF LINTELS REQ'D W/ ARCH. & MECH. DRAWINGS.
9. SEE ARCH. DWGS FOR CONTROL JOINTS IN MASONRY WALLS UNO ON MEZZANINE PLANS. DO NOT PLACE CONTROL JOINTS WITHIN WALLS DEFINED AS SHEAR WALLS.
10. SHEAR WALLS SHALL BE GROUTED SOLID.

VERTICAL REINFORCING:

1. ALL BLOCK WALLS SHALL HAVE ONE FULL HEIGHT REBAR, SIZED AND LOCATED AS FOLLOWS:
   A. EXTERIOR 6" BLOCK (10'-8" MAX. HEIGHT) - #5 @ 48" O.C.
   B. INTERIOR 8" BLOCK BRG WALLS (12'-0" MAX. HEIGHT) - #5 @ 40" O.C.
   C. INTERIOR 8" BLOCK NON-BRG WALLS (10'-8" MAX. HEIGHT) - #5 @ 48" O.C.
   D. INTERIOR 8" BLOCK CANTILEVERED WALL(CW) (10'-8" MAX. HEIGHT) - #5 @ 24" O.C.
   E. 12" CHASE WALL AT STORM SHELTER - SEE DETAIL 5/S3.2
   F. BLOCK SHEAR WALLS:
      FILL WITH #5 INTERMEDIATE VERTS @ 24" O.C. REINFORCE ENDS OF WALLS W/ #6 IN LAST VERTICAL CELL EACH END.
2. IN ADDITION, ALL BLOCK WALLS SHALL HAVE ONE VERTICAL BAR (SIZE AS INDICATED ABOVE) AT THE FOLLOWING LOCATIONS:
   A. AT ENDS OF WALLS.
   B. AT CORNERS OF WALLS.
   C. AT WALL INTERSECTIONS.
   D. AT EACH SIDE OF ALL WALL CONTROL JOINTS.
   E. AT EACH SIDE OF ALL OPENINGS GREATER THAN 16" WIDE.
   F. AS INDICATED BENEATH BEAM BEARINGS.

HORIZONTAL REINFORCING:

1. ALL 6" & 8" BLOCK WALLS SHALL HAVE AN 8" DEEP x 8" WIDE NOMINAL BOND BEAM AT THE TOP OF THE WALL. ALL 12" BLOCK WALLS SHALL HAVE A 8" DEEP x12" WIDE BOND BEAM AT THE TOP OF THE WALL. REINFORCE BOND BEAM WITH (2) #4 REBAR (UNO).
2. HORIZONTAL JOINT REINFORCING SHALL BE CONTINUOUS AND SPACED AT 16" ON CENTER VERTICALLY. MINIMUM LAP IS 12".
3. REFER TO THE LINTEL SCHEDULE FOR MASONRY LINTELS.
4. SHEAR WALLS SHALL HAVE (2) #4 SPACED AT 4'-0" O.C. PLACE IN OPEN BOTTOM BOND BEAM BLOCKS AND GROUT SOLID. BARS SHALL HAVE 180° HOOK AROUND LAST VERTICAL BAR AT EACH END OF SHEAR WALL.
5. 12" CHASE WALL AT STORM SHELTER SEE DETAIL 5/S3.2

LIGHT GAGE FRAMING NOTES

1. LIGHT GAGE STRUCTURAL FRAMING INCLUDING STUDS, JOISTS CONNECTIONS, CLIPS, ACCESSORIES, ETC. SHALL BE DESIGNED TO MEET THE LOADS NOTED IN THE BUILDING DESIGN LOADS ON THIS SHEET AND THE REQUIREMENTS OF INTERNATIONAL BUILDING CODE 2021 WITH ARKANSAS AMENDMENTS. LIGHT GAGE FRAMING SHALL BE DESIGNED BY AN ENGINEERED LICENSED TO PRACTICE IN ARKANSAS (SEE SPECIFICATIONS REGARDING SUBMITTALS)
2. LIGHT GAGE STRUCTURAL STUD FRAMING SHALL MEET THE STANDARDS OF THE AMERICAN IRON AND STEEL INSTITUTE'S "Design of Cold Formed Structural Members" AS WELL AS THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
3. REFER TO DRAWINGS (ARCHITECTURAL AND STRUCTURAL) FOR BOTTOM AND TOP OF WALL ELEVATIONS, DEFLECTION TRACK/CLIP LOCATIONS, WINDOW AND DOOR LOCATIONS, WALL PENETRATIONS FOR MECHANICAL EQUIPMENT, ETC.
4. ALL OPENINGS SHALL HAVE BOX HEADER OR SIMILAR CONSTRUCTION AND JAMBS AS DICTATED BY THE OPENING SIZE AND WALL HEIGHT. SEE 2/S1.3 FOR EXTERIOR LINTEL/HEADER.
5. EXTERIOR STUDS SHALL BE 6" STUDS. MINIMUM THICKNESS AT EXTERIOR STUDS IS 43 MIL. EXTERIOR STUDS SHALL BE DESIGNED TO MEET THE FOLLOWING DEFLECTION LIMITS:
   H/600 FOR STUDS BACKING BRICK VENEER
   H/240 FOR STUDS BACKING COMPOSITE WALL PANEL, OR GYPBOARD.
6. DEFLECTION CONNECTIONS TO ROOF AND FLOOR IN STRUCTURAL STEEL FRAMED AREAS SHALL ACCOMMODATE ½" OF VERTICAL MOVEMENT OF THE STRUCTURE WITHOUT TRANSFERRING VERTICAL LOADS IN TO THE STUD FRAMING SYSTEM. UNO ON DETAILS
7. DESIGN AND PROVIDE STRUCTURAL BRIDGING, BLOCKING, STRAPPING, ETC, IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
8. DESIGN AND PROVIDE CONNECTIONS TO STEEL BEAMS, EDGE ANGLES, CONCRETE, ETC. USING SCREWS, BOLTS, POWDER ACTUATED FASTENERS, ETC. AS APPROPRIATE THE MATERIAL BEING ATTACHED.
9. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

BUILDING DESIGN LOADS:

THE FOLLOWING LOADS AS PER IBC 2021 AND THE LATEST EDITION OF THE ARKANSAS FIRE PREVENTION CODE

1. GRAVITY LOADS:
   a. METAL BUILDING:
      - UNIFORM DEAD = SELF WEIGHT OF FRAMES, PURLINS, SSMR, INSULATION
      - UNIFORM LIVE
         - MAIN ROOF = 20 PSF (4 PSF MAX. REDUCTION FOR FRAMES)
         - ROOF GRIDS A6-A7 & CA-CB = 30 PSF (NO REDUCTION)
      - UNIFORM COLLATERAL = 8.5 PSF UNO ON PLANS
      - CONCENTRATED LOADS WHERE NOTED ON DRAWINGS.
   b. MECHANICAL MEZZANINE:
      - UNIFORM DEAD = 92 PSF
      - UNIFORM LIVE = 50 PSF
   c. STRUCTURAL STEEL CANOPIES:
      - UNIFORM DEAD = 15 PSF
      - UNIFORM LIVE = 20 PSF
   d. ADJUSTABLE ROOF FRAMING SYSTEM:
      - UNIFORM DEAD = SELF WEIGHT OF FRAMING, PURLINS, SSMR
      - UNIFORM COLLATERAL = 3 PSF
      - UNIFORM LIVE = 20 PSF

2. WIND LOADS:
   - ULTIMATE WIND SPEED (V) = 112 MPH
   - WIND IMPORTANCE FACTOR (I) = 1.0
   - RISK CATEGORY = III
   - INTERNAL PRESSURE COEFFICIENTS (GCpi) = ±.18
   - EXPOSURE CATEGORY = C

3. SNOW LOAD CRITERIA:
   - GROUND SNOW LOAD (PG) = 10 PSF
   - SNOW EXPOSURE FACTOR (CE) = 1.0
   - IMPORTANCE FACTOR (I) = 1.1
   - THERMAL FACTOR (CT) = 1.0

4. SEISMIC LOAD CRITERIA:
   - RISK CATEGORY = III
   - IMPORTANCE FACTOR = 1.25
   - SPECTRAL RESPONSE COEFFICIENTS
      I. Ss = 0.319
      II. S1 = 0.137
      III. SDs = 0.276
      IV. SD1 = 0.137
   - SITE CLASS = C (PER SOILS ENGINEER)
   - SEISMIC DESIGN CATEGORY = C
   - BASIC SEISMIC RESISTING SYSTEM
      MOMENT RESITING FRAME SYSTME NOT DETAILED FOR SEISMIC, R=3
      SPECIAL REINFORCED MASONRY SHEAR WALLS, R=5

5. CONSTRUCTION LOADS (SCISSORS LIFTS, FORKLIFTS, ETC.) SUPPORTED BY SLABS-ON-GRADE AND STRUCTURAL SLABS SHALL BE ANALYZED BY AN INDEPENDENT STRUCTURAL ENGINEER. THE COST OF THE ANALYSIS SHALL BE PAID FOR BY THE CONTRACTOR. THE ANALYSIS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL. HOWEVER, ENGINEER OF RECORD IS NOT RESPONSIBLE SHOULD DAMAGE TO THE SLAB OR STRUCTURE OCCUR.

GENERAL FRAMING NOTES:

1. BRACE AND GUY UNTIL ALL FINAL CONNECTIONS ARE MADE.
2. ALL STRUCTURAL STEEL MEMBERS SHALL MEET THE FOLLOWING CRITERIA:
   A. WIDE FLANGE SHAPES - Fy=50 ksi. CONFORM TO ASTM A-992.
   B. ANGLES, CHANNELS & ROUND BARS - Fy=50 ksi. CONFORM TO ASTM-A572
   C. PLATES LESS THAN ½" THICK-Fy=36 ksi. CONFORM TO ASTM A-36.
   D. PLATES 1/2" THICK & GREATER & BARS - Fy=50 ksi. CONFORM TO ASTM A-572.
   E. HSS TUBING - Fy=50 ksi. CONFORM TO ASTM A-500 GRADE C
   F. HSS ROUND PIPE - Fy=46 ksi. CONFORM TO ASTM A-500 GRADE C.
3. AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS SHALL GOVERN ALL PHASES OF STEEL CONSTRUCTION.
4. ALL WELDING IN ACCORDANCE WITH A.W.S REQUIREMENTS FOR E70XX ELECTRODES.
5. ALL BOLTS SHALL BE ¾" DIA. A325N, UNO.
6. BEAR STEEL ANGLE LINTELS 8" EACH SIDE OF OPENING UNO.
7. WHEN WELDING OR USING A TORCH IN OR AROUND EXISTING BUILDINGS OR FINISHED AREAS, (FINISHED ROOMS, ATTICS, ON ROOFS, ETC.) PROVIDE FIRE BLANKETS, FIRE WATCHES, ETC. TO PREVENT FIRES OR FIRE DAMAGE
8. PRE-ENGINEERED METAL BUILDING SHALL BE DESIGNED FOR BUILDING DESIGN LOADS SHOWN ON THIS SHEET AND SHALL MEET THE FOLLOWING:
   A. REFER TO ARCHITECTURAL PLANS FOR EAVE HEIGHTS, ROOF SLOPES, TOP OF FRAME ELEVATIONS, AND CLEARANCES BENEATH FRAMES. COLUMNS, FRAMES, AND RAFTER SHALL NOT INTERFERE WITH ARCHITECTURAL FINISHES.
   B. PROVIDE SECONDARY FRAMING TO SUPPORT ITEMS SHOWN ON THE FRAMING PLANS INCLUDING MECHANICAL UNITS, EXHAUST FANS, LOUVERS, MASONRY, PARAPETS, SCREENWALLS, ETC. VERIFY SIZE, WEIGHT, AND LOCATION WITH MECH. AND ARCHITECTURAL DRAWINGS AND RESPECTIVE SUPPLIERS.
   C. PROVIDE FRAMING FOR ALL OPENINGS IN STANDING SEAM METAL ROOFS AND PROVIDE FRAMED OPENINGS AT METAL WALL PANEL THAT IS FRAMED WITH GIRTS.
   D. MBM TO DESIGN AND PROVIDE ALL GIRTS NOT SIZED ON THE DRAWING AND THEIR CONNECTION TO THE COLUMNS. INCLUDING (HG) FOR APPLICABLE WIND AND SEISMIC LOADS NOTED IN BUILDING DESIGN NOTES. GIRT TO COLUMN CONNECTIONS SHALL BE SLOTTED AT EACH END OF GIRT TO ALLOW ¾" MOVEMENT ALONG AXIS OF GIRT. SEE SPECIFICATIONS FOR DEFLECTION REQUIREMENTS.
   E. MBM TO INCLUDE ADDITIONAL DEAD, LIVE, COLLATERAL, LOADS WHERE NTOED ON THE DRAWING IN THE DESIGN OF THE METAL BUILDING. THESE ARE UNFACTORED LOADS. NO REDUCTION ALLOWED. HOWEVER LOAD COMBINATIONS REDUCING 2 OR MORE TRANSIENT LOADS MAY BE USED PER ASCE 7-10 SECTION 2.4 AS LONG AS THE REQUIREMENTS OF ASCE 7 ARE MET.
   F. METAL BUILDING COLUMNS THAT HAVE STRUCTURAL STEEL BEAMS FRAMING INTO THEM SHALL HAVE A MINIMUM OF 3/16" THICK WEBS AND FLANGES FOR CONNECTIONS.
   G. REFER TO THE DRAWINGS AND SPECIFICATION FOR ADDITIONAL REQUIREMENTS REGARDING THE DESIGN, SUBMITTALS, DEFLECTION REQUIREMENTS, ETC. FOR THE METAL BUILDING SYSTEM.
   H. DO NOT PRIME ANY STEEL TO RECEIVE SPRAY ON FIREPROOFING.
9. ADJUSTABLE ROOF FRAMING SYSTEMS:
   A. DESIGN OF THE ADJUSTABLE FRAMING SYSTEM AND ITS CONNECTION TO THE STORM SHELTER ROOF SLABS AND MASONRY WALLS SHALL BE BY THE ADJUSTABLE FRAMING SYSTEM MANUFACTURER. DESIGN SHALL BE BY AN ENGINEER, REGISTERED IN THE STATE OF ARKANSAS. A LETTER OF CERTIFICATION AND DESIGN CALCULATIONS STAMPED AND SIGNED BY THE ENGINEER, AND SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.
   B. REFER TO ARCH. DRAWINGS FOR ROOF PLAN, ROOF SLOPES, WALL CONSTRUCTION, ETC.
   C. DOWNWARD REACTIONS FROM THE ADJUSTABLE FRAMING SYSTEM SHALL BE TRANSFERRED TO THE RIGID INSULATION PER THE ARCHITECTURAL DRAWINGS. UPLIFT CONNECTIONS SHALL EXTEND THRU THE RIGID INSULATION INTO THE CONCRETE SLAB OR PRECAST MEMBERS.
   D. REFER TO THE SPECIFICATIONS FOR ADDITIONAL DESIGN CRITERIA.
10. PRECAST-PRESTRESSED CONCRETE STORM SHELTER:
   A. THE PRECAST CONCRETE SHALL BE DESIGNED FOR THE BUILDING LOADS ON THIS SHEET.
   B. GENERAL CONTRACTOR SHALL LOCATE AND NOTE SIZE OF ALL PENETRATIONS THROUGH THE WALL PANELS AND DOUBLE TEES ON THE SHOP DRAWING SUBMITTALS PRIOR TO SUBMITTING TO THE ARCHITECT AND ENGINEER. THIS INCLUDES PLUMBING, ELECTRICAL, AND MECHANICAL PENETRATIONS.
   C. WHERE REQUIRED, ELECTRICAL CONDUITS MAYBE RUN VERTICALLY IN THE PRECAST WALL PANELS. THESE LOCATIONS SHALL BE LOCATED ON THE SHOP DRAWINGS PRIOR TO SUBMITTING TO THE ARCHITECT AND ENGINEER. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUITS AND BE PRESENT WHEN WALL PANELS ARE BEING CAST.
   D. GENERAL CONTRACTOR SHALL PROVIDE STORM SHELTER DOOR MOUNTING INFORMATION TO THE PRECAST CONCRETE MANUFACTURER TO COORDINATE JAMBS/HEAD AND REINFORCING AT JAMBS/HEAD OF THE PRECAST PANELS WITH ATTACHMENT OF THE DOOR SYSTEM. PRECAST MANUF. SHALL LOCATE REINFORCING TO MISS JAMB/HEAD ANCHORS OF DOORS.
   E. HEIGHTS, WIDTHS, DEPTHS, AND THICKNESS OF PANELS SHALL BE PER THE DRAWINGS.
   F. ALL PRECAST TO PRECAST CONNECTIONS SHALL BE HIDDEN FROM VIEW FROM THE INSIDE OF THE STRUCTURE.
   G. WHERE JOINTS IN PRECAST WALLS EXCEED ¾", PRECAST MANUF. SHALL PROVIDE JOINT PROTECTION (FEMA 3RD EDITION)VIA A CONT ROD OR PLATE WELDED INTO THE JOINT. THIS PROTECTION SHALL NOT BE EXPOSED TO VIEW.
   H. MINIMUM WALL REINFORCING SHALL BE ½" DIAMETER SPACED AT MAXIMUM OF 12" O.C. FOR MISSILE IMPACT CRITERIA PER FEMA 361.
   I. PRECAST ERECTOR TO GROUT WALL PANEL TO FOUNDATION BEARING WITHIN 24 HOURS OF PANEL ERECTION.
   J. REFER TO THE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING THE DESIGN AND SUBMITTALS.
   K. PRECAST FRAMING SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF 2020 ICC 500 - "STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS" INCLUDING EXTREME WIND LOADS AND MISSILE IMPACT CRITERIA FOR TORNADOS. THE MAIN WIND FORCE RESISTING SYSTEM LOADS ARE NOTED ON S1.4. COMPONENT AND CLADDING LOADS SHALL BE CALCULATED BY THE PRECAST MANUFACTURER.

STORM SHELTER DESIGN LOADS:

THE FOLLOWING LOADS AS PER ASCE 7-16 & ICC-500:

1. GRAVITY LOADS:
   - UNIFORM DEAD = 74 PSF (INCLUDES 4" TOPPING SLAB & ROOF ABOVE, DOES NOT INCLUDE WT. OF PRECAST DBL TEES)
   - UNIFORM LIVE = 100 PSF
   - CONCENTRATED LOADS WHERE NOTED ON DRAWING FOR MECH. AND ATHLETIC EQUIPMENT

2. WIND LOAD CRITERIA: SEE MAIN WIND FORCE RESISTING SYSTEM LOADS AND NOTES ONS1.4

3. SNOW LOAD CRITERIA:
   - GROUND SNOW LOAD (PG) = 10 PSF
   - SNOW EXPOSURE FACTOR (CE) = 1.0
   - IMPORTANCE FACTOR (I) = 1.2
   - THERMAL FACTOR CT = 1.0

4. SEISMIC LOAD CRITERIA:
   - RISK CATEGORY = IV
   - IMPORTANCE FACTOR = 1.5
   - SPECTRAL RESPONSE COEFFICIENTS
      I. SS = 0.319
      II. S1 = 0.137
      III. SDS = 0.275
      IV. SD1 = 0.137
   - SITE CLASS = C
   - SEISMIC DESIGN CATEGORY = D
   - BASIC SEISMIC RESISTING SYSTEM
      INTERMEDIATE PRECAST CONCRETE SHEAR WALLS R=4.0

5. SEE "BUILDING DESIGN LOADS" FOR NOTE ABOUT CONSTRUCTION LOADS.

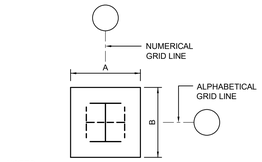
STRUCTURAL LEGEND:

AA	ADHESIVE ANCHOR - SEE SPECS.
AFF	ABOVE FINISHED FLOOR
BOD	BOTTOM OF DECK
BOF	BACK OF FRAME
BOP	BOTTOM OF PURLIN
BOS	BOTTOM OF STEEL
BRG.	BEARING
CJ	KEYED CONTROL JOINT - SEE 3/S3.1
CLR.	CLEAR
CSRF	CLEAR SPAN RIGID FRAME BY MBM
CW	CANTILEVERED WALL, SEE BLOCK REINF. NOTES
EF	EACH FACE
EJ	EXPANSION JOINT
ES	EAVE STRUT BY MBM
EQ	EQUAL
EW	EACH WAY
FB	FLOOR BOX- SEE 7/S3.1
FD	FLOOR DRAIN (24"Ø WALLOW, SLOPE SLAB ½" TO DRAIN)
FF	FINISHED FLOOR
FG	FINISHED GRADE
FOB	FACE OF BRICK OR BLOCK
FOC	FACE OF CONCRETE
FS	FLOOR SINK - SEE 5/S3.1
H	HIGH
HD	HEADER- SEE LIGHT GAGE FRAMING NOTES
HG	HORIZONTAL GIRT
HRB	HORIZONTAL ROD BRACE BY MBM
HP	HAIRPIN- SEE SCHED. ON S1.2
HS	HEADED STUD
L	LOW
LG	LONG
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LINTEL - SEE SCHEDULE ON S1.3
MBM	METAL BUILDING MANUFACTURER
MSEWF	MULTI-SPAN ENDWALL FRAME BY MBM
MSRF	MULTI-SPAN RIGID FRAME BY MBM
MWP	METAL WALL PANEL
O.C.	ON CENTER
O.H.	OPPOSITE HAND
PAF	POWDER ACTUATED FASTENER- SEE SPECS
PF	PORTAL FRAME BY MBM
SB	SECONDARY BEAM BY MBM
SCJ	SAWN CONTROL JOINT - SEE 2/S3.1
SF	STEP IN FOOTING - SEE 28/S3.1
SIM.	SIMILAR
SSMR	STANDING SEAM METAL ROOF
SW	SHEAR WALL- SEE BLOCK REINF. NOTES
TB	TIE BEAM - SEE 14/S3.2
TOF	TOP OF FOOTING
TOM	TOP OF MASONRY
TOP	TOP OF PURLIN
TOS	TOP OF STEEL
TOW	TOP OF WALL
UNO	UNLESS NOTED OTHERWISE
V	VERTICAL
VIF	VERIFY IN FIELD
WWF	WELDED WIRE FABRIC
	DENOTES CANTILEVERED WALL
	DENOTES SAWN CONTROL JOINT
	DENOTES SHEAR WALL
	DENOTES SLAB CORNER BAR

SPECIAL INSPECTIONS:

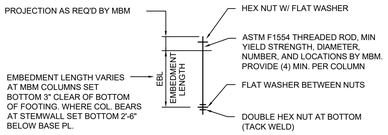
SPECIAL INSPECTIONS ARE REQUIRED FOR STRUCTURAL SYSTEM, AND STRUCTURAL COMPONENTS.

REFER TO THE PROJECT SPECIFICATIONS FOR:
1. STATEMENT OF SPECIAL INSP

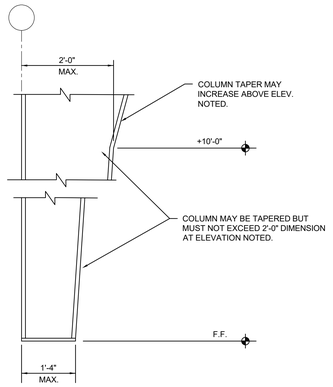


NOTES:
1. COLUMN ORIENTATION VARIES. SEE PLAN.
2. SEE SCHEDULE FOR 'A' & 'B' DIMENSIONS (UNO)

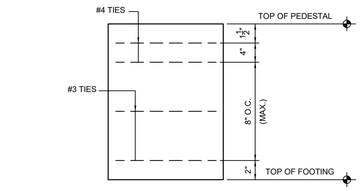
A S1.2 COLUMN PEDESTAL ORIENTATION
NTS

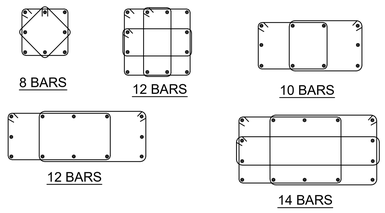


C S1.2 TYPICAL ANCHOR BOLT FOR MBM COLS
NTS



D S1.2 SPECIAL TAPERED COLUMN (COLUMN MARK B)
NTS

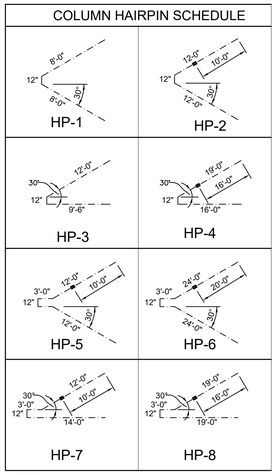




NOTES:
1. SEE COLUMN AND PEDESTAL SCHEDULE ON S1.? FOR VERTICAL REINFORCING.
2. TOP TWO TIES SHALL BE #4 & SPACED @ 4" O.C. REMAINING TIES TO BE #3 AND SPACED AT 8" O.C. MAXIMUM UNO ON DETAILS. PROVIDE 1 TIE IN FOOTING.
3. TIES SHALL BE 2" CLEAR FROM FORMED FACE & 3" CLEAR FROM FACE POURED AGAINST EARTH @ MONOLITHIC SLABS

B S1.2 PEDESTAL TIE CONFIGURATION
NTS

COLUMN HAIRPIN SCHEDULE



NOTES:
1. ALL SPLICES IN HAIRPINS SHALL BE MADE WITH MECHANICAL CONNECTORS.
2. RUN HAIRPIN REINFORCING THRU CONTROL OR CONSTRUCTION JOINTS.
3. HAIRPINS SHALL BE #5 GRADE 60 KSI STEEL.
4. PROVIDE STANDEES FOR SUPPORT.

AREA A CAFETERIA COLUMN SCHEDULE

GRID	① COLUMN MARK	② FOOTING MARK	TOP OF FOOTING ELEV.	③ MAX. COL. REACTION (KIPS) Pd	Pu	H	④ PEDESTAL SIZE 'A' x 'B'	⑤ PEDESTAL REINFORCING	⑥ HAIRPIN MARK	REFERENCE DETAIL
AA-A1	A	50	301.17'	-	-	-	2'-4" x 1'-10"	(8) #7	———	1/S3.3 & 3/S3.3 SIM
AA-A2	H	50	301.17'	-	-	-	2'-0" x 1'-10"	(8) #5	HP-	2/S3.3
AA-A4	H	50	301.17'	-	-	-	2'-2" x 1'-10"	(8) #6	HP-	2/S3.3
AA-A5	H	70	301.17'	-	-	-	2'-0" x 2'-0"	(8) #6	HP-	17/S3.2
AA-A6	A	70	301.17'	-	-	-	2'-6" x 4'-4"	(14) #7	———	7/S3.3
AA-A7	D	66	301.17'	-	-	-	1'-10" x 4'-4"	(12) #6	———	16/S3.2
AB-A1	A	70	301.17'	-	-	-	3'-10" x 3'-8"	(14) #8	———	10/S3.2 & 12/S3.2
AB-A3	F	76	301.17'	-	-	-	2'-0" x 2'-4"	(8) #6	———	6/S3.3
AB-A6	A	70	301.17'	-	-	-	3'-0" x 3'-4"	(14) #7	———	10/S3.2 & 13/S3.2
AB-A7	D	50	301.17'	-	-	-	1'-10" x 2'-10"	(8) #7	———	16/S3.2
AC-A1	A	70	301.17'	-	-	-	3'-0" x 3'-6"	(14) #7	———	10/S3.2 & 13/S3.2
AC-A3	F	76	301.17'	-	-	-	2'-0" x 2'-0"	(8) #6	———	6/S3.3
AC-A6	A	70	301.17'	-	-	-	3'-0" x 3'-6"	(14) #7	———	11/S3.2 & 13/S3.2
AC-A7	D	50	301.17'	-	-	-	1'-10" x 2'-10"	(8) #7	———	16/S3.2
AD-A1	A	SEE 7/S3.2	299.83'	-	-	-	2'-4" x 2'-0"	(8) #6	———	7/S3.2 & 3/S3.3 SIM
AD-A3	H	SEE 8/S3.2	299.83'	-	-	-	2'-0" x 2'-0"	(8) #6	———	8/S3.2
AD-A4.5	H	SEE 8/S3.2	299.83'	-	-	-	2'-0" x 2'-0"	(8) #6	———	8/S3.2
AD-A5.5	H	SEE 8/S3.2	299.83'	-	-	-	2'-0" x 2'-0"	(8) #6	———	8/S3.2
AD-A6	A	SEE 7/S3.2	299.83'	-	-	-	2'-6" x 2'-0"	(8) #6	———	7/S3.2
AD-A7	D	50	299.83'	-	-	-	1'-10" x 2'-10"	(8) #7	———	16/S3.2
AE-A6.1	E	SEE 9/S3.2	299.83'	-	-	-	1'-9" x 2'-0"	(8) #5	———	9/S3.2
AE-A7	D	50	301.17'	-	-	-	1'-10" x 2'-0"	(8) #5	———	16/S3.2

FOR AREA A CANOPY, SEE CANOPY SECTIONS ON S5.4

COLUMN SCHEDULE NOTES:
① FOR COLUMN DESCRIPTION OR SIZE, SEE SCHEDULE ON SHEET S1.2
② SEE SHEET S1.1 FOR FOOTING SCHEDULE AND REINFORCING.
③ SEE MAXIMUM ALLOWABLE REACTION NOTE ON SHEET S1.2
④ SEE A/S1.2 FOR PEDESTAL DIMENSIONS & ORIENTATION.
⑤ SEE B/S1.2 FOR PEDESTAL TIE SIZE, SPACING AND CONFIGURATION.
⑥ SEE SHEET S1.2 FOR HAIRPIN SCHEDULE

AREA C COLUMN SCHEDULE

GRID	① COLUMN MARK	② FOOTING MARK	TOP OF FOOTING ELEV.	③ MAX. COL. REACTION (KIPS) Pd	Pu	H	④ PEDESTAL SIZE 'A' x 'B'	⑤ PEDESTAL REINFORCING	⑥ HAIRPIN MARK	REFERENCE DETAIL
CA-C2	L	46	300.50'	-	-	-	2'-0" x 2'-0"	(8) #6	———	6/S3.4
CA-C3	L	46	300.50'	-	-	-	2'-0" x 2'-0"	(8) #6	———	6/S3.4
CA-C4	L	46	300.50'	-	-	-	2'-0" x 2'-0"	(8) #6	———	6/S3.4
CA-C5	L	46	300.50'	-	-	-	2'-0" x 2'-0"	(8) #6	———	6/S3.4
CB-C1	C	46	301.17'	-	-	-	1'-10" x 2'-6"	(8) #6	HP-	3/S3.3
CB-C2	C	50	301.17'	-	-	-	2'-4" x 2'-6"	(8) #6	HP-	3/S3.3
CB-C3	C	60	301.17'	-	-	-	3'-4" x 2'-6"	(10) #7	HP-	3/S3.3 & 4/S3.3
CB-C4	C	60	301.17'	-	-	-	3'-8" x 2'-6"	(10) #7	HP-	3/S3.3 & 4/S3.3
CB-C5	C	50	301.17'	-	-	-	2'-0" x 2'-6"	(8) #6	HP-	3/S3.3
CB-C6	C	46	301.17'	-	-	-	1'-10" x 2'-6"	(8) #6	HP-	3/S3.3
BA-C1	J	SEE BA - B11		-	-	-	SEE 11/S3.3		———	11/S3.3
BA-C6	J	SEE BA - D1		-	-	-	SEE 13/S3.3		———	13/S3.3
BB-C3	K	66	301.17'	-	-	-	2'-2" x 2'-0"	(8) #6	———	-
BB-C4	F	66	301.17'	-	-	-	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BB-C5	F	66	301.17'	-	-	-	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BC-C1	F	SEE BB - B11		-	-	-	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BC-C6	F	SEE BC - D1		-	-	-	SEE BC - D1		———	6/S3.3
BD-C1	F	SEE BD - B11		-	-	-	SEE BD - B11		———	6/S3.3
BD-C2	F	66	301.17'	-	-	-	2'-8" x 2'-0"	(8) #7	———	6/S3.3
BD-C6	F	SEE BD - D1		-	-	-	SEE BD - D1		———	-
BF-C1	J	SEE BF - B11		-	-	-	SEE 11/S3.3		———	11/S3.3
BF-C5	J	40	301.17'	-	-	-	1'-8" x 1'-10"	(8) #5	———	9/S3.3
BF-C6	J	SEE BF - D1		-	-	-	SEE 12/S3.3		———	12/S3.3
CC-C1	C	46	301.17'	-	-	-	1'-10" x 2'-6"	(8) #6	HP-	3/S3.3
CC-C2	C	50	301.17'	-	-	-	2'-4" x 2'-6"	(8) #7	HP-	3/S3.3
CC-C3	C	60	301.17'	-	-	-	3'-8" x 2'-6"	(10) #7	HP-	3/S3.3 & 4/S3.3
CC-C4	C	60	301.17'	-	-	-	3'-8" x 2'-6"	(10) #7	HP-	3/S3.3 & 4/S3.3
CC-C5	C	50	301.17'	-	-	-	2'-0" x 2'-6"	(8) #6	HP-	3/S3.3
CC-C6	C	50	301.17'	-	-	-	1'-8" x 3'-0"	(10) #6	-	8/S3.3

COLUMN SCHEDULE NOTES:
① FOR COLUMN DESCRIPTION OR SIZE, SEE SCHEDULE ON SHEET S1.2
② SEE SHEET S1.1 FOR FOOTING SCHEDULE AND REINFORCING.
③ SEE MAXIMUM ALLOWABLE REACTION NOTE ON SHEET S1.2
④ SEE A/S1.2 FOR PEDESTAL DIMENSIONS & ORIENTATION.
⑤ SEE B/S1.2 FOR PEDESTAL TIE SIZE, SPACING AND CONFIGURATION.
⑥ SEE SHEET S1.2 FOR HAIRPIN SCHEDULE

AREA B COLUMN SCHEDULE

GRID	① COLUMN MARK	② FOOTING MARK	TOP OF FOOTING ELEV.	③ MAX. COL. REACTION (KIPS) Pd	Pu	H	④ PEDESTAL SIZE 'A' x 'B'	⑤ PEDESTAL REINFORCING	⑥ HAIRPIN MARK	REFERENCE DETAIL
BA-B1	B	56	301.17'	8.1	5.5	4.4	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 5/S3.3
BA-B2	B	56	301.17'	19.8	8.3	6.2	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BA-B3	B	46	301.17'	19.8	5.3	6.2	2'-2" x 2'-4"	(8) #6	HP-	3/S3.3
BA-B5	B	46	301.17'	19.8	5.3	6.2	2'-2" x 2'-4"	(8) #6	HP-	3/S3.3
BA-B6	B	46	301.17'	19.8	5.3	6.2	2'-0" x 2'-4"	(8) #6	HP-	3/S3.3
BA-B7	B	46	301.17'	19.8	5.3	6.2	2'-4" x 2'-4"	(8) #7	HP-	3/S3.3
BA-B8	B	46	301.17'	19.8	5.3	6.2	2'-2" x 2'-4"	(8) #6	HP-	3/S3.3
BA-B9	B	56	301.17'	23.7	9.1	7.5	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BA-B10	B	56	301.17'	23.7	9.1	7.5	4'-0" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BA-B11	B	60	301.17'	8.1	2.5	4.4	SEE 11A/S3.3		HP-	3/S3.3
BB-B1	G	40	301.17'	12	6.6	4.0	2'-0" x 2'-0"	(8) #6	HP-	2/S3.3
BB-B11	F	76	301.17'	12	6.6	4.0	2'-4" x 2'-0"	(8) #6	———	6/S3.3
BD-B2	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-B3	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-B5	F	70	301.17'	30.2	5.3	0	2'-2" x 2'-0"	(8) #6	———	6/S3.3
BD-B6	F	70	301.17'	30.2	5.3	0	2'-4" x 2'-0"	(8) #6	———	6/S3.3
BD-B7	F	70	301.17'	30.2	5.3	0	2'-4" x 2'-0"	(8) #6	———	6/S3.3
BD-B8	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-B9	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-10	F	70	301.17'	36.3	6.4	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-B11	F	76	301.17'	12	6.6	4.0	4'-0" x 2'-0"	(12) #6	———	6/S3.3
BE-B1	G	40	301.17'	12	6.6	4.0	2'-0" x 2'-0"	(8) #6	HP-	2/S3.3
BF-B1	B	56	301.17'	8.1	5.5	4.4	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 5/S3.3
BF-B2	B	56	301.17'	19.8	8.3	6.2	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BF-B3	B	46	301.17'	19.8	5.3	6.2	2'-2" x 2'-4"	(8) #6	HP-	3/S3.3
BF-B5	B	46	301.17'	19.8	5.3	6.2	2'-2" x 2'-6"	(8) #6	HP-	7/S3.3
BF-B6	B	46	301.17'	19.8	5.3	6.2	SEE 10/S3.3		HP-	7/S3.3
BF-B7	B	46	301.17'	19.8	5.3	6.2	2'-4" x 2'-4"	(8) #7	HP-	3/S3.3
BF-B8	B	46	301.17'	19.8	5.3	6.2	2'-2" x 2'-4"	(8) #6	HP-	3/S3.3
BF-B9	B	56	301.17'	23.7	9.1	7.5	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BF-B10	B	56	301.17'	23.7	9.1	7.5	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BF-B11	B	60	301.17'	8.1	2.5	4.4	SEE 11/S3.3		HP-	3/S3.3
BH-B4	B	50	301.17'	-	-	-	2'-4" x 2'-6"	(8) #7	HP-	3/S3.3
BH-A6	B	SEE BF - B6		-	-	-	SEE 10/S3.3		HP-	7/S3.3
BH-A7	D	SEE BF - B7		-	-	-	1'-10" x 2'-0"	(8) #5	———	16/S3.2
BJ-B4	B	50	301.17'	-	-	-	2'-4" x 2'-0"	(8) #6	HP-	3/S3.3
BJ-A6	B	50	301.17'	-	-	-	2'-6" x 2'-0"	(8) #6	HP-	7/S3.3
BJ-A7	D	56	301.17'	-	-	-	1'-10" x 2'-0"	(8) #5	———	16/S3.2
BK-B4	B	SEE AA - A5		-	-	-	2'-4" x 2'-0"	(8) #6	HP-	3/S3.3 & 17/S3.2
BK-A6	B	SEE AA - A6		-	-	-	SEE AA - A6		HP-	7/S3.3
BK-A7	D	SEE AA - A7		-	-	-	SEE AA - A7		———	16/S3.2

COLUMN SCHEDULE NOTES:
① FOR COLUMN DESCRIPTION OR SIZE, SEE SCHEDULE ON SHEET S1.2
② SEE SHEET S1.1 FOR FOOTING SCHEDULE AND REINFORCING.
③ SEE MAXIMUM ALLOWABLE REACTION NOTE ON SHEET S1.2
④ SEE A/S1.2 FOR PEDESTAL DIMENSIONS & ORIENTATION.
⑤ SEE B/S1.2 FOR PEDESTAL TIE SIZE, SPACING AND CONFIGURATION.
⑥ SEE SHEET S1.2 FOR HAIRPIN SCHEDULE

AREA D COLUMN SCHEDULE

GRID	① COLUMN MARK	② FOOTING MARK	TOP OF FOOTING ELEV.	③ MAX. COL. REACTION (KIPS) Pd	Pu	H	④ PEDESTAL SIZE 'A' x 'B'	⑤ PEDESTAL REINFORCING	⑥ HAIRPIN MARK	REFERENCE DETAIL
BA-D1	B	76	301.17'	8.1	5.5	4.4	SEE 13/S3.3		HP-	3/S3.3 & 4/S3.3
BA-D2	B	56	301.17'	19.8	8.3	6.2	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BA-D3	B	46	301.17'	19.8	5.3	6.2	2'-0" x 2'-4"	(8) #6	HP-	3/S3.3
BA-D4	B	46	301.17'	19.8	5.3	6.2	2'-2" x 2'-4"	(8) #6	HP-	3/S3.3
BA-D5	B	56	301.17'	22.6	9.1	7.1	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BA-D6	B	56	301.17'	22.6	9.1	7.1	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BA-D7	B	46	301.17'	19.8	5.3	6.2	2'-0" x 2'-4"	(8) #6	HP-	3/S3.3
BA-D9	B	46	301.17'	19.8	5.3	6.2	2'-2" x 2'-4"	(8) #6	HP-	3/S3.3
BA-D11	B	46	301.17'	23.7	9.1	7.5	2'-0" x 2'-4"	(8) #6	HP-	3/S3.3
BB-D11	G	46	301.17'	24	13	4.0	2'-0" x 2'-0"	(8) #6	HP-	2/S3.3
BC-D1	F	70	301.17'	12	6.6	4.0	4'-0" x 2'-0"	(12) #6	———	6/S3.3
BD-D1	F	70	301.17'	12	6.6	4.0	4'-0" x 2'-0"	(12) #6	———	6/S3.3
BD-D2	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-D3	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-D4	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-D5	F	70	301.17'	36.3	6.4	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-D6	F	70	301.17'	36.3	6.4	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-D7	F	70	301.17'	-	-	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BD-D9	F	70	301.17'	-	-	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
BE-D11	G	46	301.17'	24	13	4.0	2'-0" x 2'-0"	(8) #6	HP-	2/S3.3
BF-D1	B	76	301.17'	12	6.6	4.0	SEE 12/S3.3		HP-	3/S3.3 & 4/S3.3
BF-D2	B	56	301.17'	19.8	8.3	6.2	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3
BF-D3	B	46	301.17'	19.8	5.3	6.2	2'-0" x 2'-4"	(8) #6	HP-	3/S3.3
BF-D4	B	46	301.17'	19.8	5.3	6.2	2'-0" x 2'-4"	(8) #6	HP-	3/S3.3
BF-D5	B	56	301.17'	23.7	9.1	7.5	3'-8" x 2'-4"	(10) #7	HP-	3/S3.3 & 4/S3.3
BF-D6	B	70	301.17'	-	-	-	3'-8" x 2'-6"	(10) #7	HP-	7/S3.3 & 4/S3.3
BF-D7	B	70	301.17'	-	-	-	2'-0" x 2'-6"	(8) #7	HP-	7/S3.3
BF-D9	B	70	301.17'	-	-	-	2'-4" x 3'-4"	(10) #7	HP-	7/S3.3
BF-D11	B	60	301.17'	-	-	-	2'-0" x 2'-6"	(8) #6	HP-	7/S3.3
DA-D6	B	60	301.17'	-	-	-	2'-4" x 2'-0"	(8) #6	HP-	3/S3.3
DA-D8	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
DA-D12	B	60	301.17'	-	-	-	2'-4" x 2'-0"	(8) #6	HP-	3/S3.3
DB-D6	B	60	301.17'	-	-	-	2'-4" x 2'-0"	(8) #6	HP-	3/S3.3
DB-D8	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
DB-D12	B	60	301.17'	-	-	-	2'-4" x 2'-0"	(8) #6	HP-	3/S3.3
DC-D6	B	60	301.17'	-	-	-	2'-4" x 3'-8"	(10) #7	HP-	3/S3.3 & 4/S3.3
DC-D8	F	70	301.17'	30.2	5.3	0	2'-0" x 2'-0"	(8) #6	———	6/S3.3
DC-D12	B	60	301.17'	-	-	-	2'-4" x 3'-8"	(10) #7	HP-	3/S3.3 & 4/S3.3
DD-D6	B	60	301.17'	-	-	-	2'-4" x 3'-8"	(10) #7	HP-	3/S3.3 & 5/S3.3
DD-D7	G	40	301.17'	12	6.6	4.0	2'-0" x 2'-0"	(8) #6	HP-	2/S3.3
DD-D10	G	40	301.17'	12	6.6	4.0	2'-0" x 2'-0"	(8) #6	HP-	2/S3.3
DD-D12	B	60	301.17'	-	-	-	2'-4" x 3'-8"	(10) #7	HP-	3/S3.3 & 5/S3.3

COLUMN SCHEDULE NOTES:
① FOR COLUMN DESCRIPTION OR SIZE, SEE SCHEDULE ON SHEET S1.2
② SEE SHEET S1.1 FOR FOOTING SCHEDULE AND REINFORCING.
③ SEE MAXIMUM ALLOWABLE REACTION NOTE ON SHEET S1.2
④ SEE A/S1.2 FOR PEDESTAL DIMENSIONS & ORIENTATION.
⑤ SEE B/S1.2 FOR PEDESTAL TIE SIZE, SPACING AND CONFIGURATION.
⑥ SEE SHEET S1.2 FOR HAIRPIN SCHEDULE

MBM COLUMN SCHEDULE

MARK	COLUMN DESCRIPTION
A	* TAPERED LEG FRAME COLUMN BY MBM
B	TAPERED FRAME COLUMN BY MBM - SEE D/S1.2 FOR MAX. DIMENSIONS
C	STRAIGHT LEG FRAME COLUMN BY MBM (MAX. DEPTH = 20")
D	STRAIGHT LEG FRAME COLUMN BY MBM (MAX. DEPTH = 10")
E	TUBE OR WIDE FLANGE COLUMN BY MBM (MAX. DEPTH = 6")
F	INTERIOR BEARING COL BY MBM (MAX. DEPTH = 8")
G	ENDWALL BEARING COLUMN BY MBM (MAX. DEPTH = 10")
H	ENDWALL BEARING COLUMN BY MBM (MAX. DEPTH = 12")
J	NON-LOAD BEARING WIND COLUMN BY MBM (MAX. DEPTH = 10")
K	INTERIOR TUBE BRG COL. BY MBM (8" SQ)
L	STRAIGHT LEG COL. BY MBM (MAX. DEPTH = 10", MAX. WIDTH = 6")

* SEE ARCH. DRAWINGS FOR MAXIMUM DEPTH RESTRICTIONS.
COLUMNS SHALL NOT ENCROACH ON FINISHED SPACES.
SEE C/S1.2 FOR ANCHOR BOLTS AT METAL BUILDING COLUMNS

FOOTING SCHEDULE

MARK	FOOTING SIZE	FOOTING REINFORCING
30	3'-0" SQUARE x 12" THICK	(3) #5 EACH WAY
40	4'-0" SQUARE x 12" THICK	(3) #6 EACH WAY
46	4'-6" SQUARE x 12" THICK	(4) #6 EACH WAY
50	5'-0" SQUARE x 12" THICK	(6) #6 EACH WAY
56	5'-6" SQUARE x 12" THICK	(5) #7 EACH WAY
60	6'-0" SQUARE x 12" THICK	(6) #6 EACH WAY
66	6'-6" SQUARE x 12" THICK	(7) #6 EACH WAY
70	7'-0" SQUARE x 14" THICK	(7) #7 EACH WAY
76	7'-6" SQUARE x 16" THICK	(7) #7 EACH WAY

MAXIMUM ALLOWABLE REACTION NOTE:

IF METAL BUILDING MANUFACTURER'S REACTIONS EXCEED THOSE SHOWN ON SCHEDULE ON S1.2, FOUNDATIONS, HAIRPINS, AND TIE BEAMS MAY HAVE TO BE INCREASED AT THE CONTRACTOR'S EXPENSE.

GREESON GATLIN GANGLUFF & ASSOCIATES ENGINEERS PA
Phone: 501.224.7070

228013

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ELLIOTT • MCMORRAN • VADEN
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STRUCTURAL SCHEDULES

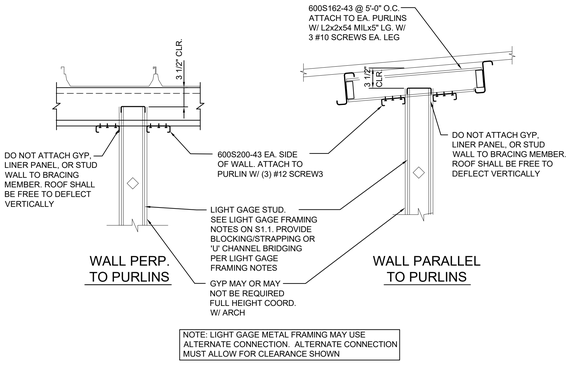
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING FIRM
No. 133
ARKANSAS ENGINEERS ROTH

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
LARRY L. GANGLUFF
05–18–2026

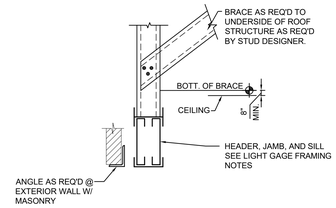
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PROJECT NO: 25053
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REV:

S1.2



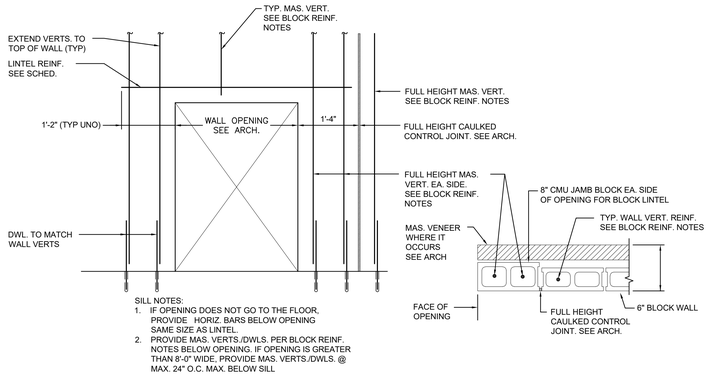
NOTE: LIGHT GAGE METAL FRAMING MAY USE ALTERNATE CONNECTION. ALTERNATE CONNECTION MUST ALLOW FOR CLEARANCE SHOWN

1 S1.3 TOP OF STUD WALL @ PURLINS
NTS

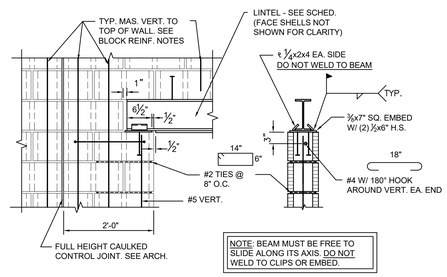


OPENING WIDTH	LINTEL ANGLE
UP TO 4'-0"	L3½x3½x5/16
4'-1" TO 6'-8"	L6x3½x5/16 LLV

2 S1.3 EXTERIOR LIGHT GAGE HEADER
NTS

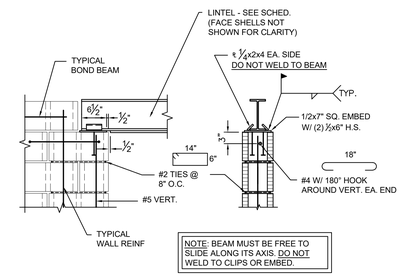


3 S1.3 TYPICAL MASONRY OPENING
NTS



NOTE: BEAM MUST BE FREE TO SLIDE ALONG ITS AXIS. DO NOT WELD TO CLIPS OR EMBED.

4 S1.3 TYP LINTEL BEAM BRG. ON MASONRY
NTS



NOTE: BEAM MUST BE FREE TO SLIDE ALONG ITS AXIS. DO NOT WELD TO CLIPS OR EMBED.

5 S1.3 BEAM BRG. ON MASONRY
NTS

LINTEL SCHEDULE

LT-1	8" DEEP STD. LINTEL BLOCK REINF W/ (2) #5 CONT FILL W/ 3,000 PSI CONC. WHERE 2 OPENINGS OCCUR W/ A CENTER PILASTER 24" OR LESS IN LENGTH, THE LINTEL SHALL BE CONT. OVER BOTH OPENINGS. 7 5/8" OR 11 5/8" CMU. LINTEL FOR INTERIOR NON-LOAD BEARING WALL OPENINGS 4'-0" OR LESS UNO ON PLAN	LT-2	#3 TIES @ 6" O.C. FOR LENGTH OF LINTEL. 8" DEEP STD. LINTEL BLOCK REINF W/ (2) #5 CONT FILL W/ 3,000 PSI CONC. WHERE 2 OPENINGS OCCUR W/ A CENTER PILASTER 24" OR LESS IN LENGTH, THE LINTEL SHALL BE CONT. OVER BOTH OPENINGS. 7 5/8". LINTEL FOR INTERIOR NON-LOAD BEARING WALL OPENINGS 4'-1" TO 6'-8" UNO ON PLAN. LINTEL FOR LOAD BEARING WALLS WHERE NOTED ON PLAN	LT-3	8" BLOCK. ½"Ø x 6" HS @ 1'-4" O.C. 3,000 PSI CONC FILL AT HS LOCATIONS. W8x10 (UNO ON PLAN). MASONRY TIES @ 1'-4" O.C. WELDED TO BEAM. 1/4 x 7" CONT PLATE STOP AT JAMB EACH END. 3/16 2@8. NOTE: SEE 4/S1.3 FOR BEAM BEARING. INTERIOR LINTEL FOR OPENINGS WHERE NOTED ON PLAN	LT-4	1'-0". 8" DEEP STD. LINTEL BLOCK REINF W/ (2) #5 CONT FILL W/ 3,000 PSI CONC. WHERE 2 OPENINGS OCCUR W/ A CENTER PILASTER 24" OR LESS IN LENGTH, THE LINTEL SHALL BE BEAR ON CENTER PILASTER BUT BE CONT. OVER BOTH OPENINGS. L3½x3½x5/16 WHERE MASONRY VENEER OCCURS. 7 5/8". EXTERIOR LINTEL FOR NON-LOAD BEARING WALL OPENINGS UP TO 4'-0" (UNO ON PLAN)
LT-5	MASONRY VENEER SEE ARCH. +10'-8" (UNO). ½"Ø x 6" HS @ 1'-4" O.C. +9'-4" (UNO) VERIFY W/ ARCH. HG BY MBM, SEE DETAILS. TYP. BOND BEAM. W8x15 (UNO ON PLAN). MASONRY TIES @ 16" O.C. WELDED TO BEAM. 3/16 2@12. 5/16" CONT PLATE STOP AT JAMB EA. END. NOTE: SEE 4/S1.3 FOR BEAM BEARING. EXTERIOR LINTEL FOR OPENINGS WHERE NOTED ON PLAN	LT-6	MWP, SEE ARCH. +10'-8" (UNO). ½"Ø x 6" HS @ 1'-4" O.C. +9'-4" (UNO) VERIFY W/ ARCH. HG BY MBM, SEE DETAILS. TYP. BOND BEAM. W8x15 (UNO ON PLAN). MASONRY TIES @ 16" O.C. WELDED TO BEAM. 3/16 2@12. 1/4" CONT PLATE STOP AT JAMB EA. END. NOTE: SEE 4/S1.3 FOR BEAM BEARING. EXTERIOR LINTEL FOR OPENINGS WHERE NOTED ON PLAN				

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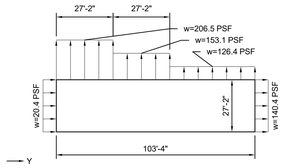
TYP. DETAILS & LINTEL SCHEDULE

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

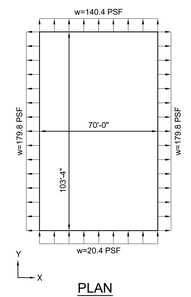
CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11242
JERRY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S1.3

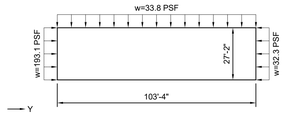


ELEVATION

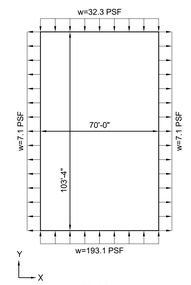


PLAN

Y-DIRECTION WIND INTERNAL PRESSURE

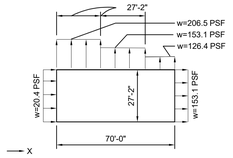


ELEVATION

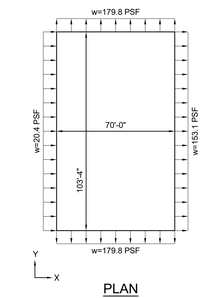


PLAN

Y-DIRECTION WIND INTERNAL SUCTION

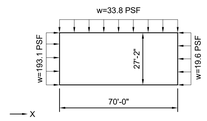


ELEVATION

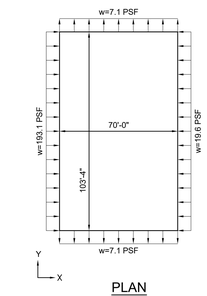


PLAN

X-DIRECTION WIND INTERNAL PRESSURE



ELEVATION



PLAN

X-DIRECTION WIND INTERNAL SUCTION

WALL PARALLEL
TO PURLINS

STORM SHELTER MFWRS DESIGN LOADS

THE STORM SHELTER MFWRS DESIGN LOADS ARE IN ACCORDANCE WITH THE PROVISIONS OF THE ICC 500-2020 STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS AND ASCE/SEI 7-16 CODE.

WIND CRITERIA:
1. DESIGN WIND SPEED, Vt = 250 mph
2. DIRECTIONALITY FACTOR, Kd = 1.0
3. TOPOGRAPHIC FACTOR, Kzt = 1.0
4. EXPOSURE CATEGORY = C
5. GROUND ELEVATION FACTOR, K=1.0
6. INTERNAL PRESSURE COEFFICIENT, Gcpi = ±.55
7. GUST FACTOR, G = .85
8. MEAN ROOF HEIGHT = 27'-2"
9. VELOCITY PRESSURE EXPOSURE, Kh AND Kz = .96

NOTES:
1. UPLIFT LOADS MAY BE RESISTED BY TOPPING SLAB, DOUBLE TEES, AND PRECAST WALL PANELS. ROOF SYSTEM MAY NOT BE USED.
2. COMPONENT & CLADDING LOADS TO BE CALCULATED BY PRECAST MANUF./DESIGNER.
3. LOADS SHOWN ARE ULTIMATE, UNFACTORED VALUES.

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AREA A STORM SHELTER
MWFRS LOADS

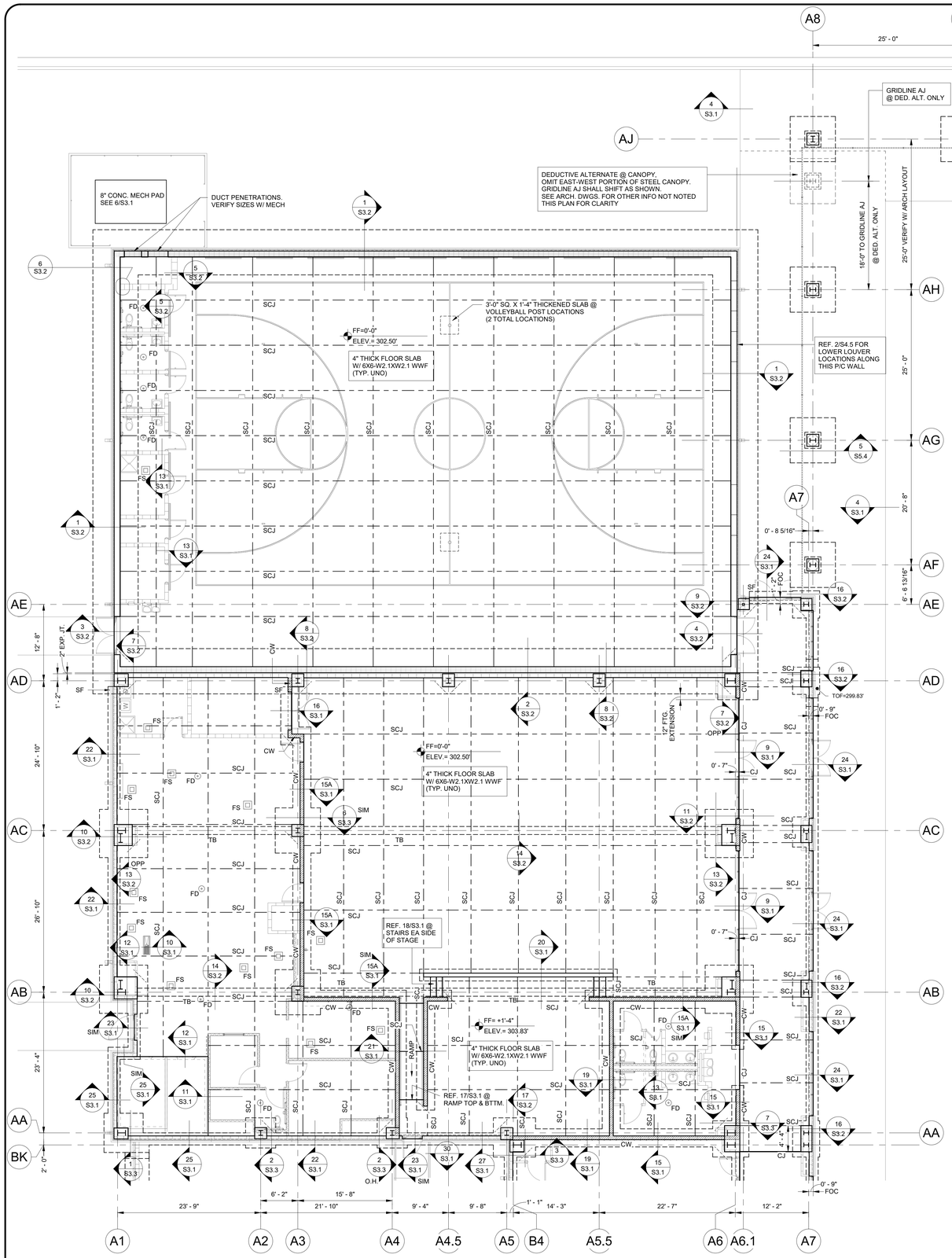
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SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
JERRY L. GANGLUFF
05-18-2026

DATE:	2026 05-18
PROJECT NO:	25053
DRAWN BY:	GGGAE
REV:	

S1.4



NORTH

1 S2.1 FOUNDATION PLAN - AREA A

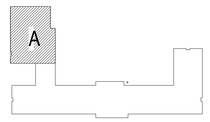
1/8" = 1'-0"

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   j. STORM SHELTER DESIGN LOADS
   k. STRUCTURAL LEGEND
   l. SPECIAL INSPECTIONS
   m. SEISMIC NOTE
2. SEE S1.2 FOR:
   a. COLUMN SCHEDULES
   b. FOOTING SCHEDULE
   c. HAIRPIN SCHEDULE
3. SEE S1.3 FOR:
   a. TYP. LT. GA. DETAILS
   b. TYP. MASONRY DETAILS
   c. LINTEL SCHEDULE
4. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE (UNLESS NOTED OTHERWISE)
5. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

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DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'



NORTH

KEY PLAN

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FOUNDATION PLAN
AREA A

EAST END ELEMENTARY
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SHERIDAN, ARKANSAS

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No. 133
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
JERRY L. GANGLUFF

05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S2.1

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   j. STORM SHELTER DESIGN LOADS
   k. STRUCTURAL LEGEND
   l. SPECIAL INSPECTIONS
   m. SEISMIC NOTE
2. SEE S1.2 FOR:
   a. COLUMN SCHEDULES
   b. FOOTING SCHEDULE
   c. HAIRPIN SCHEDULE
3. SEE S1.3 FOR:
   a. TYP. LT. GA. DETAILS
   b. TYP. MASONRY DETAILS
   c. LINTEL SCHEDULE
4. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE (UNLESS NOTED OTHERWISE)
5. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

NORTH

1 FOUNDATION PLAN - AREA B
S2.2 — 1/8" = 1'-0"

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

NORTH

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FOUNDATION PLAN
AREA B

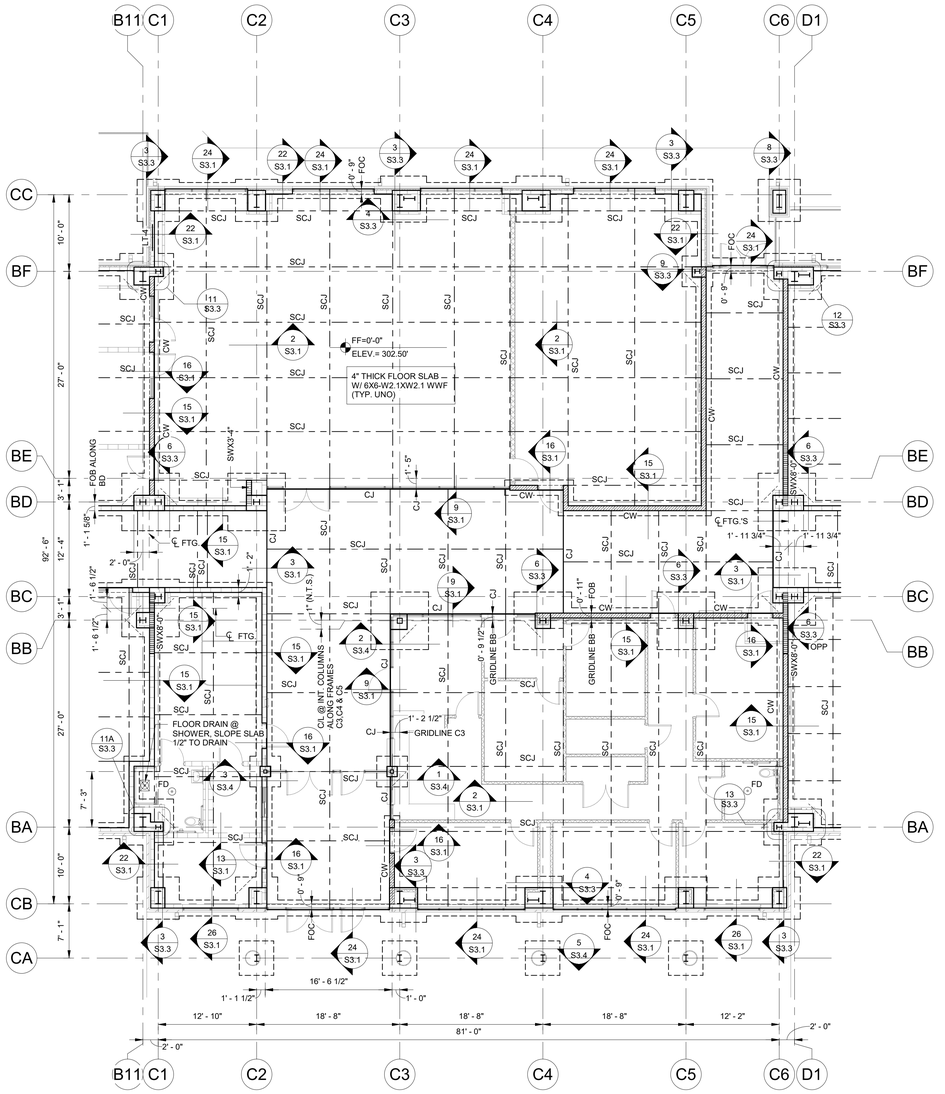
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SHERIDAN, ARKANSAS

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No. 133
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
JERRY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S2.2



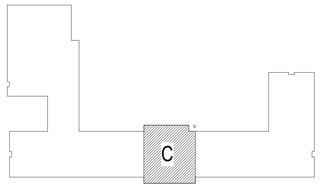
NORTH

1 S2.3 FOUNDATION PLAN - AREA C

1/8" = 1'-0"

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   j. STORM SHELTER DESIGN LOADS
   k. STRUCTURAL LEGEND
   l. SPECIAL INSPECTIONS
   m. SEISMIC NOTE
2. SEE S1.2 FOR:
   a. COLUMN SCHEDULES
   b. FOOTING SCHEDULE
   c. HAIRPIN SCHEDULE
3. SEE S1.3 FOR:
   a. TYP. LT. GA. DETAILS
   b. TYP. MASONRY DETAILS
   c. LINTEL SCHEDULE
4. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE (UNLESS NOTED OTHERWISE)
5. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS



NORTH

KEY PLAN

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DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

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FOUNDATION PLAN
AREA C

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

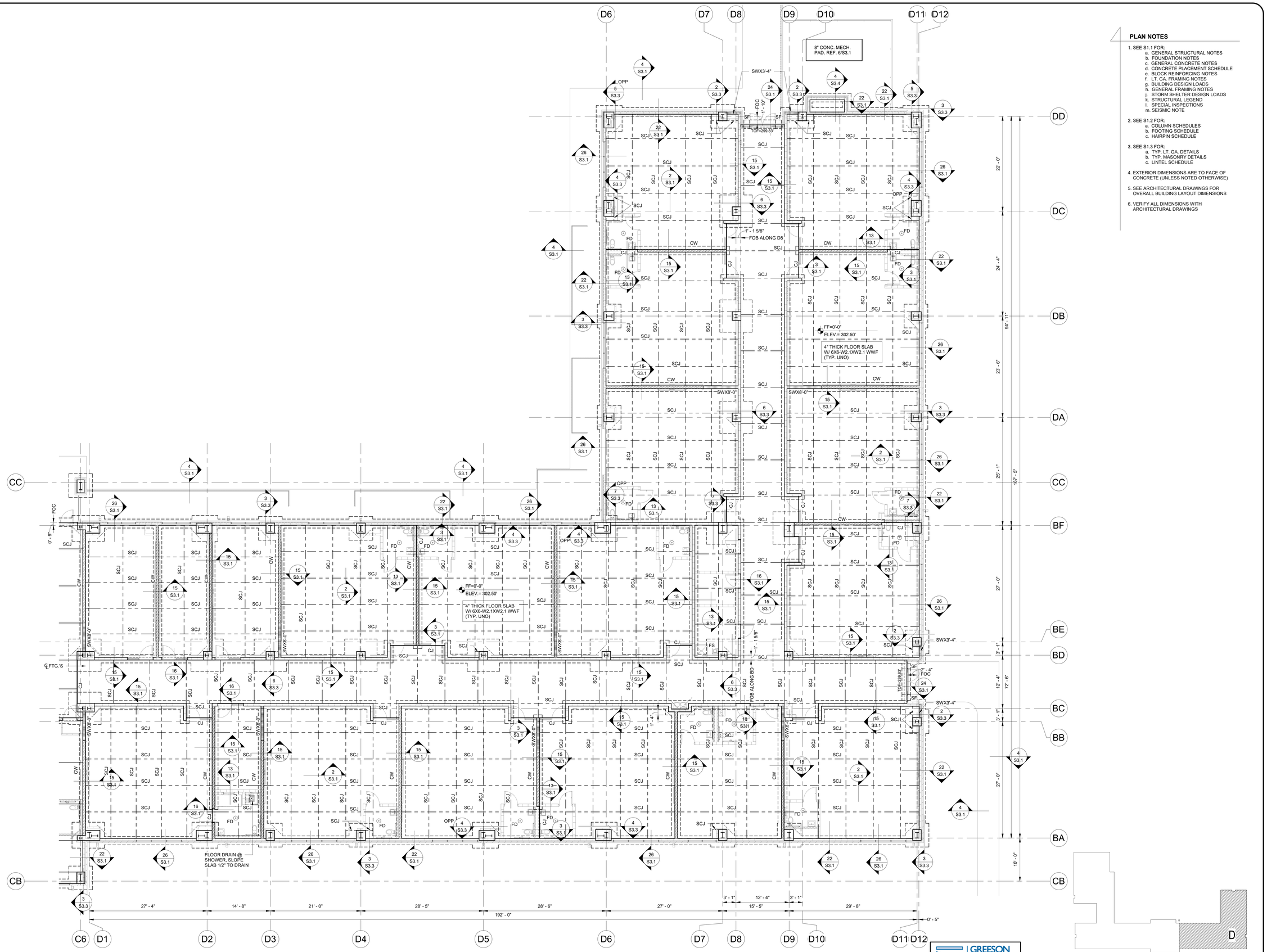
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GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
LARRY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S2.3

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   j. STORM SHELTER DESIGN LOADS
   k. STRUCTURAL LEGEND
   l. SPECIAL INSPECTIONS
   m. SEISMIC NOTE
2. SEE S1.2 FOR:
   a. COLUMN SCHEDULES
   b. FOOTING SCHEDULE
   c. HAIRPIN SCHEDULE
3. SEE S1.3 FOR:
   a. TYP. LT. GA. DETAILS
   b. TYP. MASONRY DETAILS
   c. LINTEL SCHEDULE
4. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE (UNLESS NOTED OTHERWISE)
5. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS



NORTH

1 S2.4 FOUNDATION PLAN - AREA D
1/8" = 1'-0"

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228013

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

NORTH

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FOUNDATION PLAN AREA D

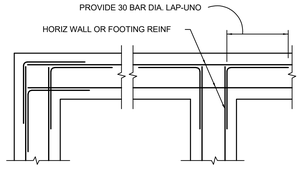
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SHERIDAN, ARKANSAS

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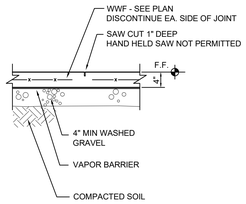
STATE OF ARKANSAS
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No. 11242
SANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

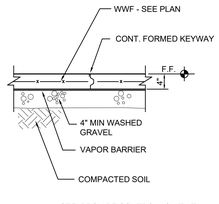
S2.4



1 S3.1 TYP. WALL OR FOUNDATION INTERSECTION
N.T.S.

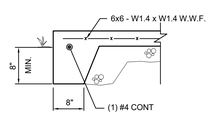


2 S3.1 TYP. SAWN CONTROL JOINT (SCJ)
3/4"=1'-0"

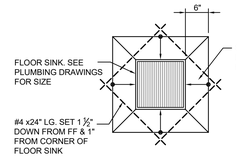


NOTE: PROVIDE CONTROL JOINT AT ENDS OF ALL POURS.

3 S3.1 TYP.CONSTRUCTION JOINT (CJ)
3/4"=1'-0"

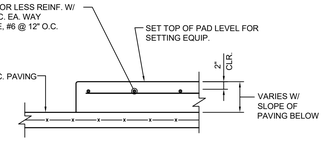


4 S3.1 TYP. EDGE OF CONC. PADS & SIDEWALKS
3/4"=1'-0"



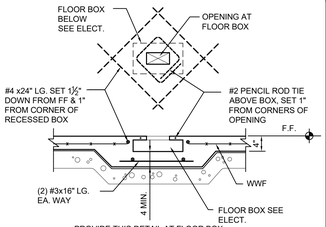
PROVIDE REINF AT ALL FLOOR SINKS. COORD LOCATION & QUANTITY W/ PLUMBING DRAWINGS.

5 S3.1 TYP. FLOOR SINK PLAN DETAIL
3/4"=1'-0"



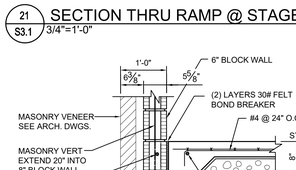
VERIFY SIZE OF PAD W/ MECH./ELECT. EQUIP.

6 S3.1 (TYP.) CONC. PAD @ EQUIPMENT
3/4"=1'-0"

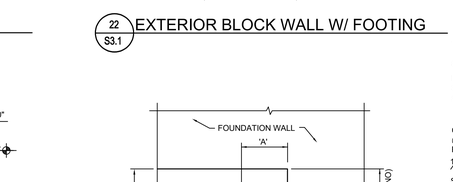


PROVIDE THIS DETAIL AT FLOOR BOX LOCATIONS PER ELECTRICAL DRAWINGS.

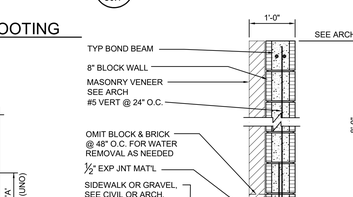
7 S3.1 FLOOR BOX REINF. DETAIL
3/4"=1'-0"



8 S3.1 REBAR @ PERP. SLAB JOINT (TYP.)
3/4"=1'-0"

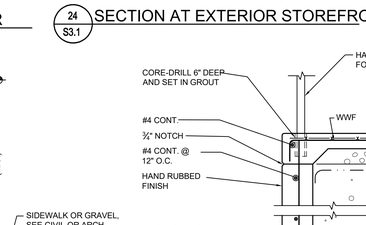


9 S3.1 CONTROL JOINT (CJ) @ STOREFRONT
3/4"=1'-0"

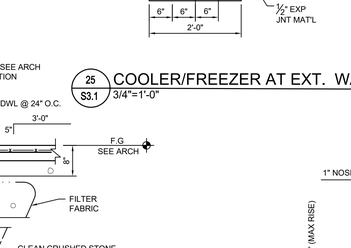


SEE ARCH FOR GRATING

10 S3.1 FLOOR DRAIN AT KITCHEN
3/4"=1'-0"

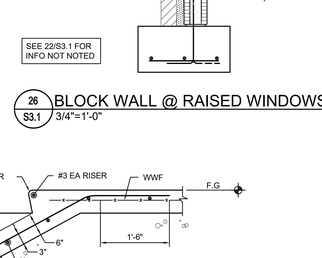


11 S3.1 SECTION @ COOLER/FREEZER
3/4"=1'-0"

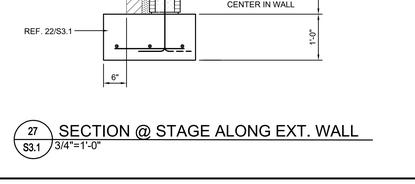


SEE 11/S3.1 FOR ITEMS NOT NOTED.

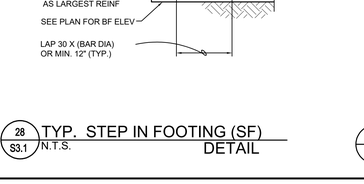
12 S3.1 SECTION @ COOLER/FREEZER DOOR
3/4"=1'-0"



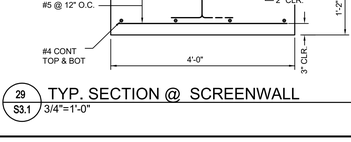
13 S3.1 TYP. INTERIOR BLOCK WALL (UNO)
3/4"=1'-0"



NOTE: CONTRACTORS OPTION TO PROVIDE A HOOKED MASONRY DOWEL & SET IN CONCRETE.

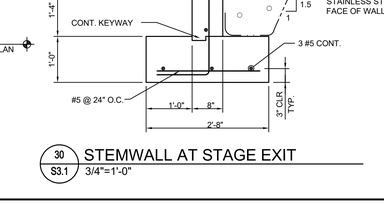


15 S3.1 INTERIOR BLOCK WALL W/ FOOTING
3/4"=1'-0"



SEE 15/S3.1 FOR ITEMS NOT NOTED

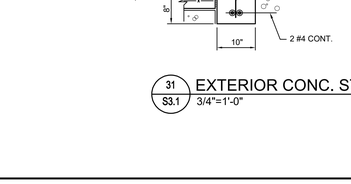
16 S3.1 DOOR AT INTERIOR WALL W/ FOOTING
3/4"=1'-0"



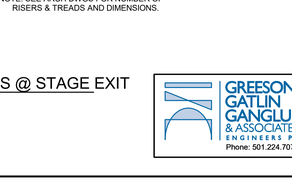
17 S3.1 TYP. 4" CONC. SLAB ON GRADE RAMP
3/4"=1'-0"

NOTE: SEE ARCH. DWGS. FOR RISERS & TREADS.

18 S3.1 STAIRS @ STAGE
3/4"=1'-0"



19 S3.1 BLOCK WALL @ STAGE (UNO)
3/4"=1'-0"



20 S3.1 BLOCK WALL @ FRONT OF STAGE
3/4"=1'-0"

21 S3.1 SECTION THRU RAMP @ STAGE
3/4"=1'-0"

22 S3.1 EXTERIOR BLOCK WALL W/ FOOTING

28 S3.1 TYP. STEP IN FOOTING (SF) DETAIL
N.T.S.

29 S3.1 TYP. SECTION @ SCREENWALL
3/4"=1'-0"

30 S3.1 STEMWALL AT STAGE EXIT
3/4"=1'-0"

NOTE: SEE ARCH DWGS FOR NUMBER OF RISERS & TREADS AND DIMENSIONS.

31 S3.1 EXTERIOR CONC. STEPS @ STAGE EXIT
3/4"=1'-0"

25 S3.1 COOLER/FREEZER AT EXT. WALL
3/4"=1'-0"

26 S3.1 BLOCK WALL @ RAISED WINDOWS
3/4"=1'-0"

27 S3.1 SECTION @ STAGE ALONG EXT. WALL
3/4"=1'-0"

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SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

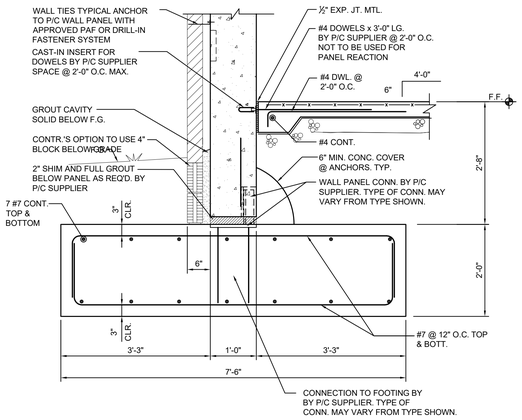
CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
RANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

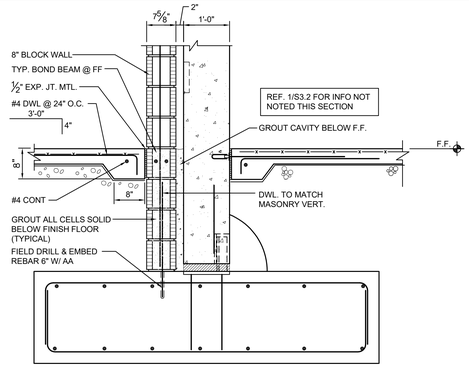
S3.1

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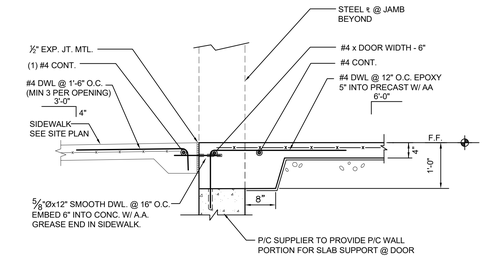
226013



1 S3.2 TYP. STORM SHELTER FTG. SECTION (UNO)
3/4"=1'-0"

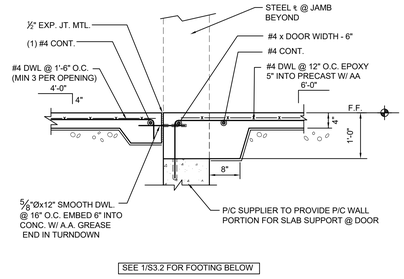


2 S3.2 STORM SHELTER FTG. ALONG CAFETERIA
3/4"=1'-0"



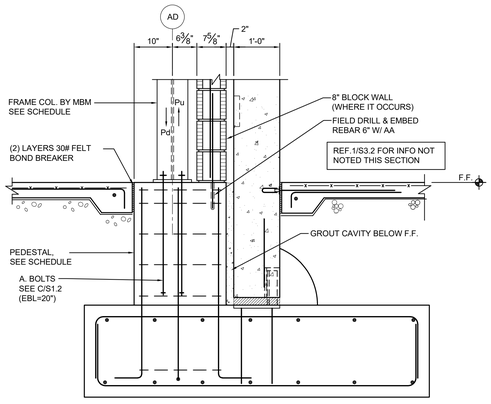
SEE 1/S3.2 FOR FOOTING BELOW

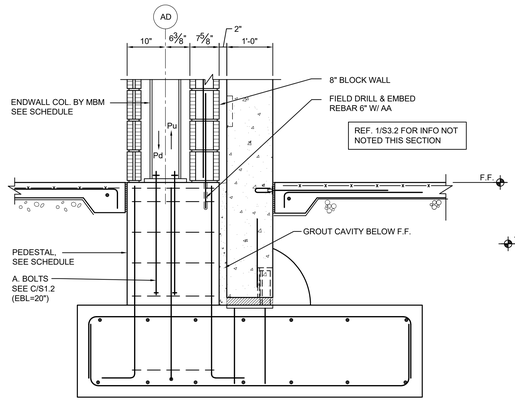
3 S3.2 FDN. SECTION @ STORM SHELTER EXT. DOOR
3/4"=1'-0"

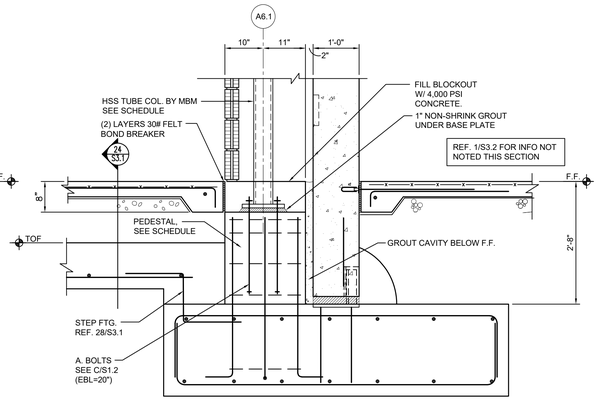


SEE 1/S3.2 FOR FOOTING BELOW

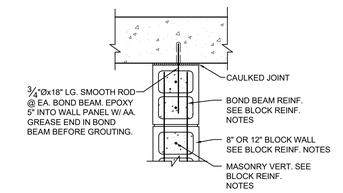
4 S3.2 FDN. SECTION @ STORM SHELTER INT. DOOR
3/4"=1'-0"



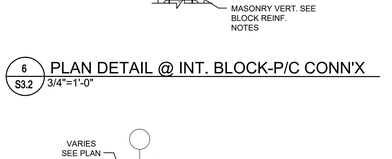




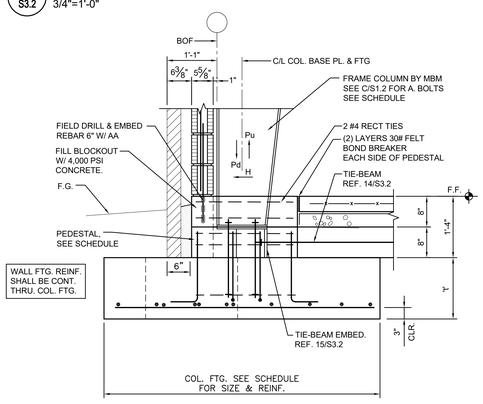
5 S3.2 SECTION @ 12" CHASE WALL
3/4"=1'-0"



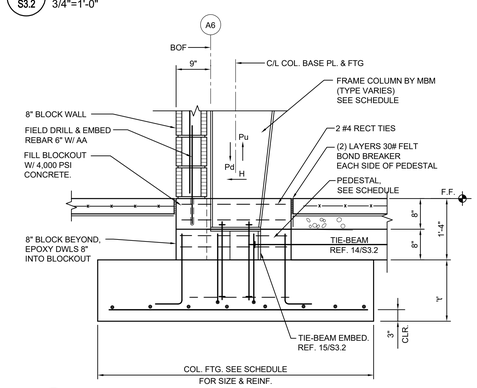
6 S3.2 PLAN DETAIL @ INT. BLOCK-P/C CONN'X
3/4"=1'-0"



7 S3.2 FRAME COL. @ AD-A1 (OPP. @ AD-A6)
3/4"=1'-0"

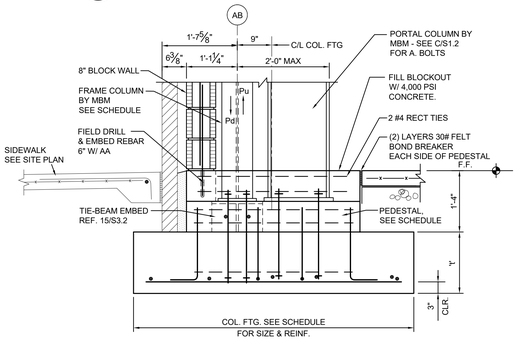


8 S3.2 ENDWALL COLUMNS AT GRID AD
3/4"=1'-0"

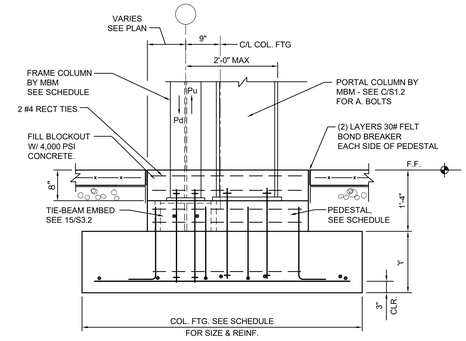


11 S3.2 INT. FRAME COLUMN W/ TIE BEAM
3/4"=1'-0"

9 S3.2 HSS COLUMN BY MBM @ STORM SHELTER (AE-A6.1)
3/4"=1'-0"

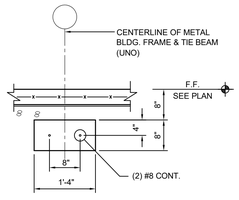


12 S3.2 PORTAL FRAME COLUMN FOOTING W/ TIE BEAM
FRAME COLUMN AB-A1
3/4"=1'-0"



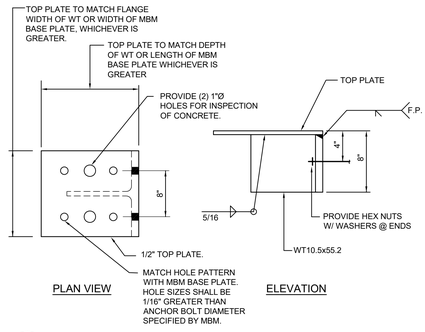
13 S3.2 PORTAL FRAME COLUMN FOOTING W/ TIE BEAM
3/4"=1'-0"

10 S3.2 FRAME COLUMN W/ TIE BEAM
3/4"=1'-0"

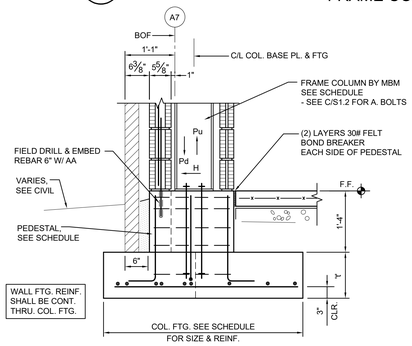


NOTE:
PROVIDE MECHANICAL CONNECTORS AT SPLICES.
AT RIGID FRAME COLUMNS PROVIDE THREADED END WITH HEX NUTS FOR TIE ROD CONNECTOR (SEE 15S3.2)

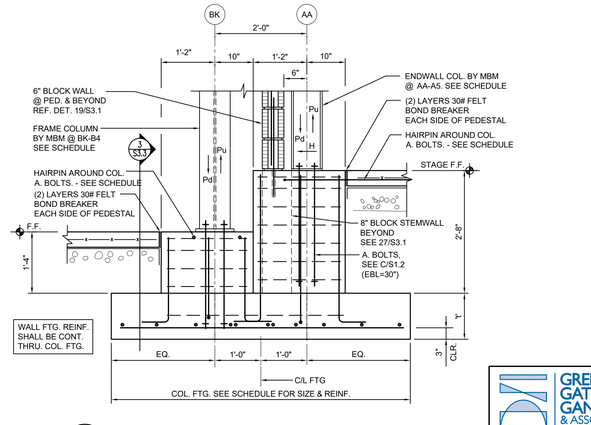
14 S3.2 SECTION @ TIE BEAM (TB)
3/4"=1'-0"



15 S3.2 TIE ROD CONNECTOR EMBED
3/4"=1'-0"



16 S3.2 TYP. FRAME COLUMN FDN. SECTION ALONG A7 (UNO)
3/4"=1'-0"



17 S3.2 SECTION @ STAGE ENDWALL COL. FTG.
3/4"=1'-0"

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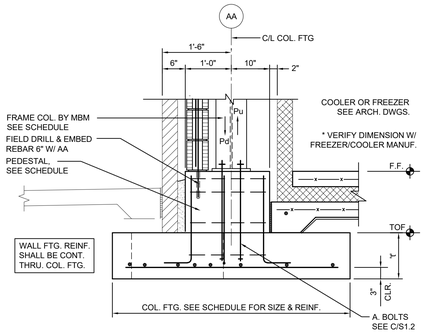
CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
RANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

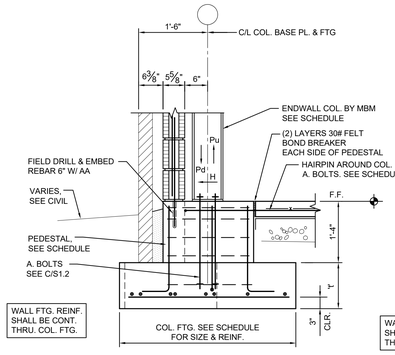
S3.2

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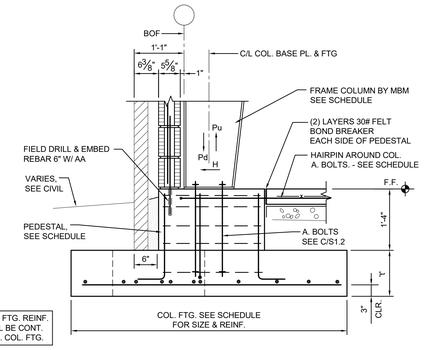
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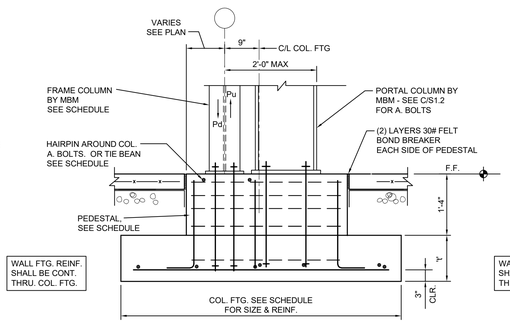
1 S3.3 COL. SECTION @ COOLER/FREEZER
3/4"=1'-0"



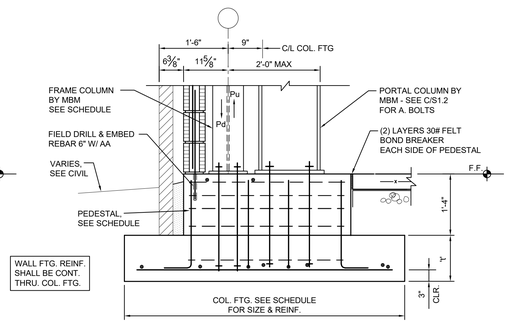
2 S3.3 TYPICAL ENDWALL COLUMN (UNO)
3/4"=1'-0"



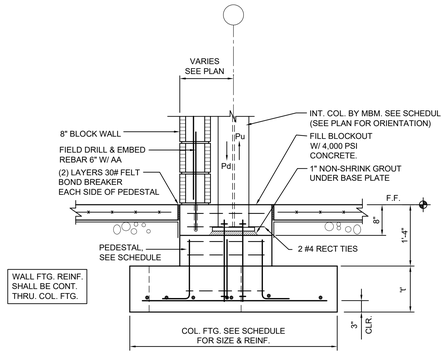
3 S3.3 TYPICAL FRAME COLUMN W/ HAIRPIN (UNO)
3/4"=1'-0"



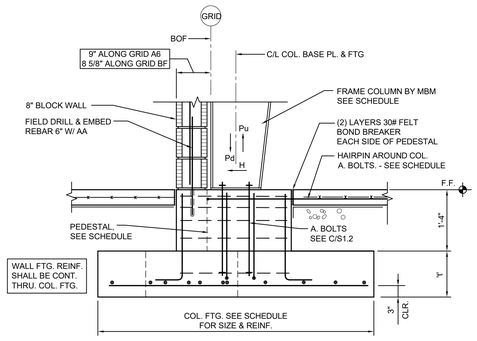
4 S3.3 TYP. PORTAL FRAME COLUMN FOOTING (UNO) W/ HAIRPIN
3/4"=1'-0"



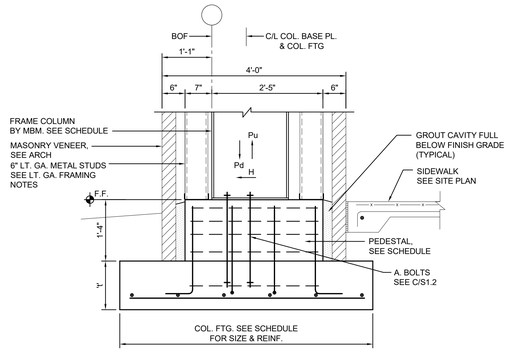
5 S3.3 PORTAL FRAME COLUMN FOOTING @ ENDWALL FRAME W/ HAIRPIN
3/4"=1'-0"



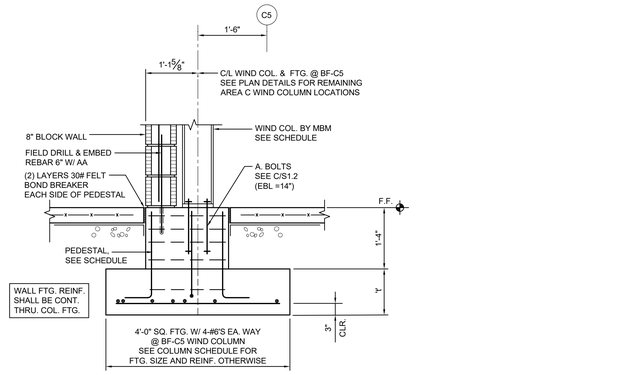
6 S3.3 TYP. INT. COL.'S ALONG BLOCK WALL (UNO)
3/4"=1'-0"



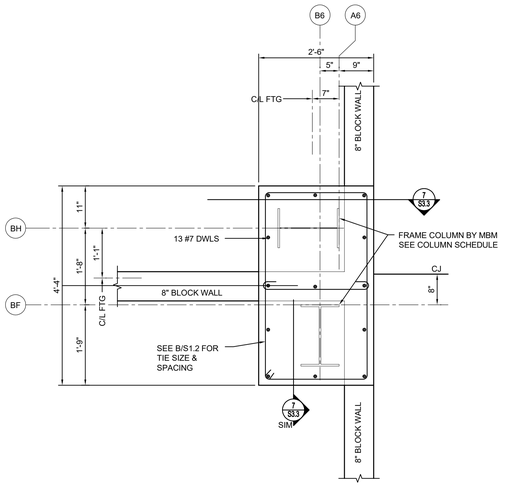
7 S3.3 INT. FRAME COLUMN W/ HAIRPIN
3/4"=1'-0"



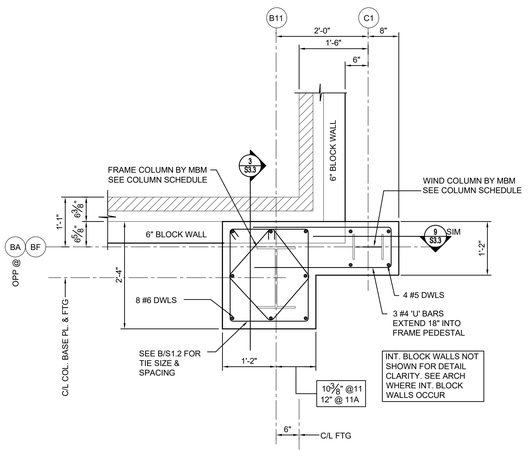
8 S3.3 FRAME COLUMN FOOTING @ AREA C PORCH
3/4"=1'-0"



9 S3.3 AREA C WIND COLUMN @ BF-C5
3/4"=1'-0"
SIM. @ BF-C1, BF-C6
SIM/OPP @ BA-C1, BA-C6

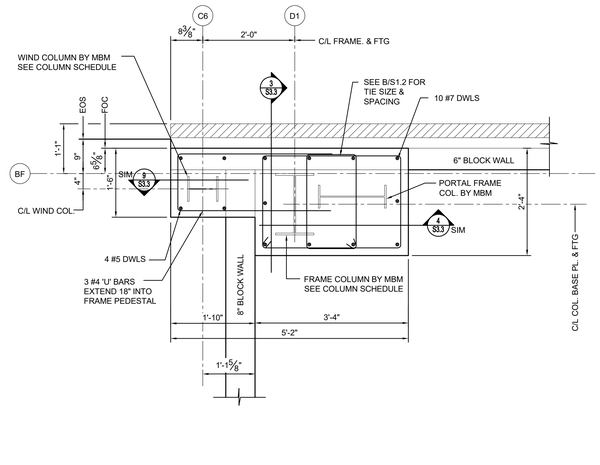


10 S3.3 PLAN DETAIL @ FRAME COLUMNS BF-B6 & BH-A6
3/4"=1'-0"

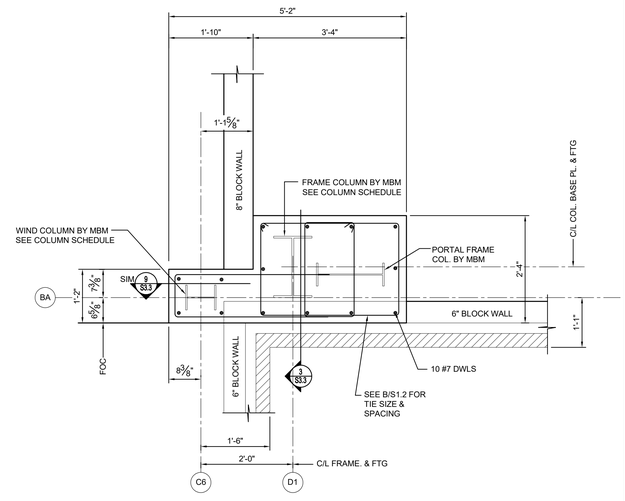


11 S3.3 PLAN DETAIL @ FRAME COLUMN BF-B11 W/ WIND COLUMN
3/4"=1'-0"

11A S3.3 PLAN DETAIL O.H. @ FRAME COLUMN BA-B11 W/ WIND COLUMN
3/4"=1'-0"



12 S3.3 PLAN DETAIL @ FRAME COLUMN BF-D1 W/ WIND COLUMN
3/4"=1'-0"



13 S3.3 PLAN DETAIL @ FRAME COLUMN BA-D1 W/ WIND COLUMN
3/4"=1'-0"

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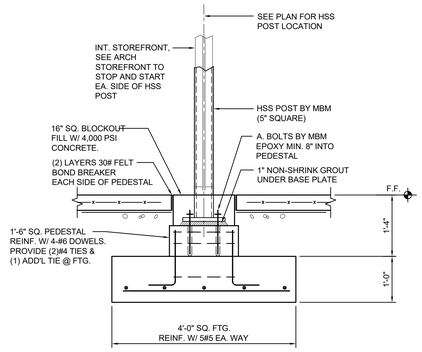
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ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
JEREMY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

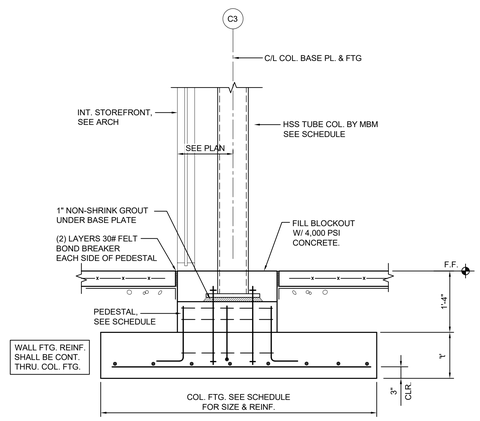
S3.3

GREESON GATLIN GANGLUFF & ASSOCIATES ENGINEERS PA
Phone: 501.224.7070

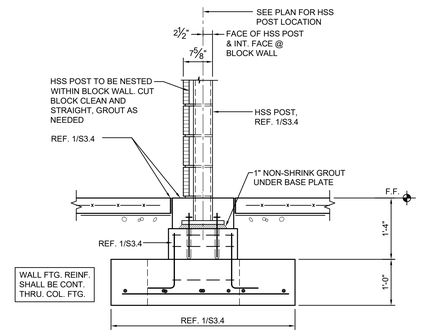
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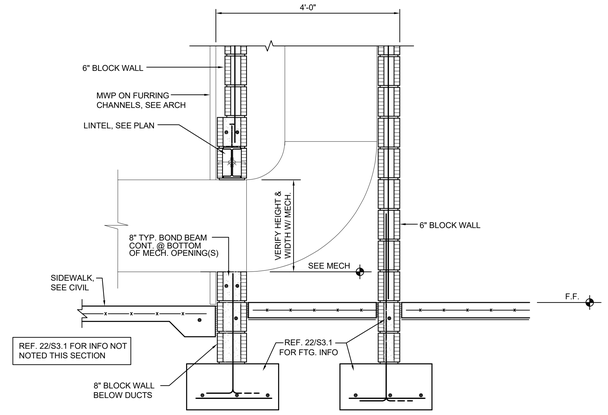
1 S3.4 HSS POST @ STOREFRONT - AREA C
3/4"=1'-0"



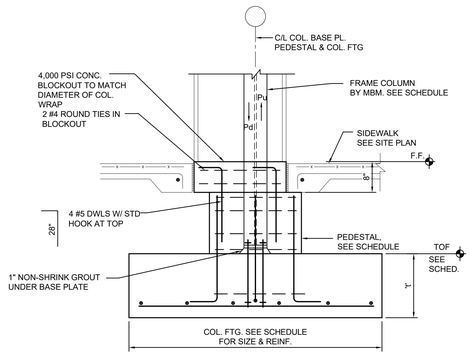
2 S3.4 INT. HSS COLUMN ALONG STOREFRONT @ AREA C
3/4"=1'-0"
(C3-BB)



3 S3.4 HSS POST @ INT. BLOCK WALL - AREA C
3/4"=1'-0"



4 S3.4 FDN. SECTION @ AREA D MECH. CHASE
3/4"=1'-0"



5 S3.4 FRAME COLUMN FOOTING @ GRID CA
3/4"=1'-0"

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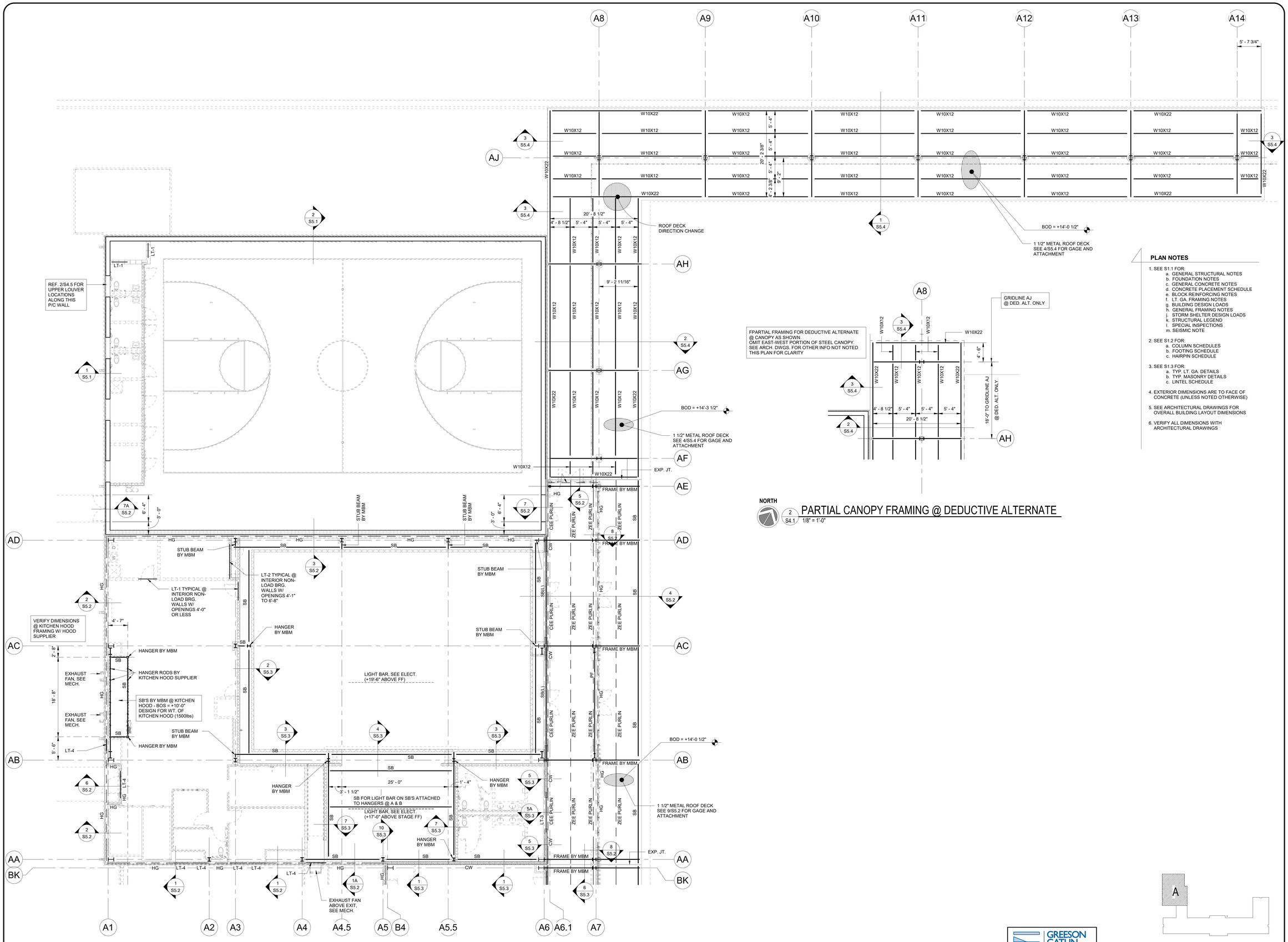
FOUNDATION DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC., ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
ANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S3.4



NORTH

1 S4.1 INTERMEDIATE FRAMING PLAN - AREA A
1/8" = 1'-0"

NORTH

2 S4.1 PARTIAL CANOPY FRAMING @ DEDUCTIVE ALTERNATE
1/8" = 1'-0"

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   i. SPECIAL INSPECTIONS
   j. STORM SHELTER DESIGN LOADS
   k. STRUCTURAL LEGEND
   l. SPECIAL INSPECTIONS
   m. SEISMIC NOTE
2. SEE S1.2 FOR:
   a. COLUMN SCHEDULES
   b. FOOTING SCHEDULE
   c. HAIRPIN SCHEDULE
3. SEE S1.3 FOR:
   a. TYP. LT. GA. DETAILS
   b. TYP. MASONRY DETAILS
   c. LINTEL SCHEDULE
4. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE (UNLESS NOTED OTHERWISE)
5. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

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DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

NORTH

KEY PLAN

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ENGINEERS 501 223 9302 • WWW.LEMVRW.COM

INTERMEDIATE FRAMING PLAN AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
LARRY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S4.1

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   j. STORM SHELTER DESIGN LOADS
   k. STRUCTURAL LEGEND
   l. SPECIAL INSPECTIONS
   m. SEISMIC NOTE
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   c. HAIRPIN SCHEDULE
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6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

HANGER BY MBM
EXP. JT.
FRAME BY MBM
EXHAUST FAN ABOVE EXIT, SEE MECH.
BOD = +14'-0 1/2"
1 1/2" METAL ROOF DECK SEE 9/S5.2 FOR GAGE AND ATTACHMENT
SIM
60' - 0"
74' - 0"
74' - 0"
25' - 2"
0' - 10"
FACE OF STUD FRAMING
REF. 12/S5.5 @ MECH. OPENING'S, TYP.
LADDER, SEE ARCH
REF. 4/S5.5 @ EXP. JT.
8" CONC. ON 2" METAL FORM DECK. REF. 3/S5.5
MEZZ. FF. = +12'-8"
PROVIDE MASONRY CONTROL JOINTS IN BLOCK WALLS AT MEZZANINE EXP. JT. LOCATIONS, TYP.
LT-1 TYPICAL @ INTERIOR NON-LOAD BRG. WALL OPENING 4'-0" OR LESS.
LT-1 TYPICAL @ INTERIOR NON-BRG WALL OPENINGS 4'-0" OR LESS
HD @ MECH. LOUVER. REF. 2/S1.3
3' - 6"

NORTH

INTERMEDIATE FRAMING PLAN - AREA B

1/8" = 1'-0"

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226013

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

B

NORTH

KEY PLAN

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INTERMEDIATE FRAMING PLAN AREA B

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
JEREMY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

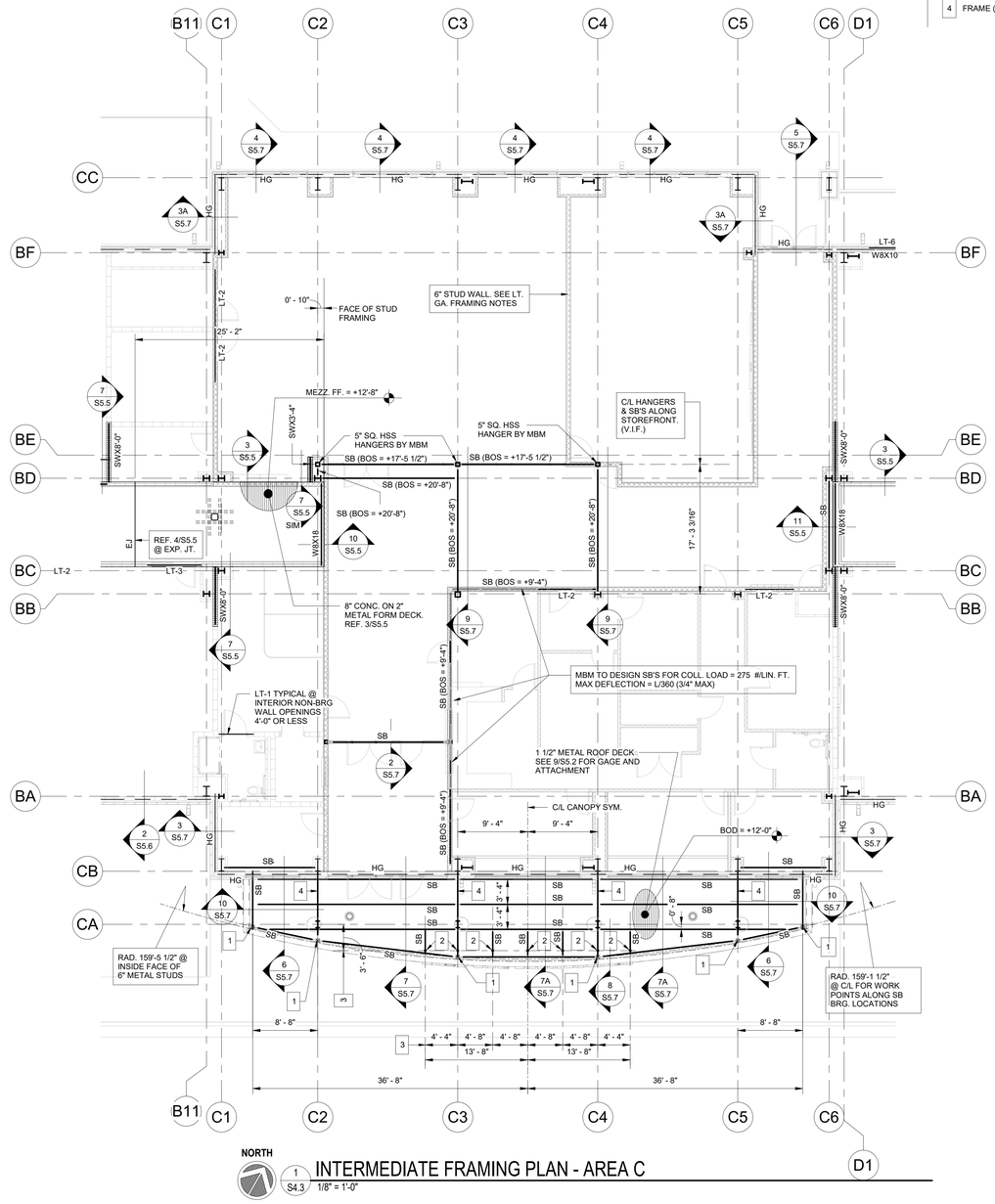
S4.2

KEYED NOTES

1	WORK POINT
2	3" DIA. PIPE POST @ SIGNAGE SUPPORT BY MBM
3	C/L PIPE POSTS @ SIGNAGE SUPPORT
4	FRAME (LOW) BY MBM

PLAN NOTES

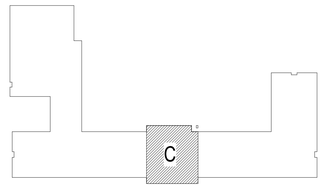
1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   j. STORM SHELTER DESIGN LOADS
   k. STRUCTURAL LEGEND
   l. SPECIAL INSPECTIONS
   m. SEISMIC NOTE
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   a. COLUMN SCHEDULES
   b. FOOTING SCHEDULE
   c. HAIRPIN SCHEDULE
3. SEE S1.3 FOR:
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   b. TYP. MASONRY DETAILS
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4. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE (UNLESS NOTED OTHERWISE)
5. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS



NORTH

1 S4.3 INTERMEDIATE FRAMING PLAN - AREA C

1/8" = 1'-0"



NORTH

KEY PLAN

GREESON GATLIN GANGLUFF & ASSOCIATES ENGINEERS PA
Phone: 501.224.7070

226013

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

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INTERMEDIATE FRAMING PLAN AREA C

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING PA
No. 133
ARKANSAS ENGINEER

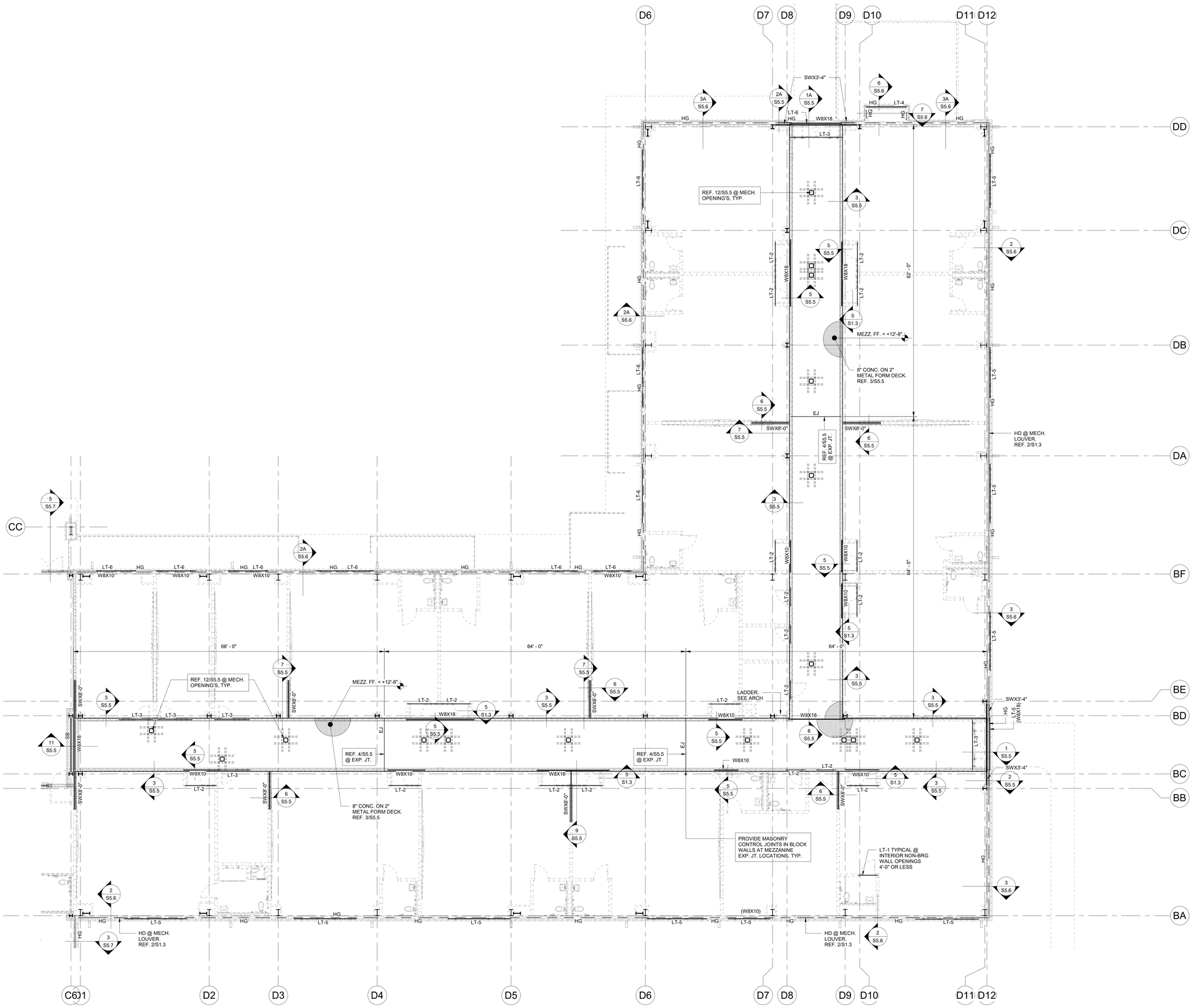
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
RANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S4.3

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
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NORTH

1 S4.4 — INTERMEDIATE FRAMING PLAN - AREA D

1/8" = 1'-0"

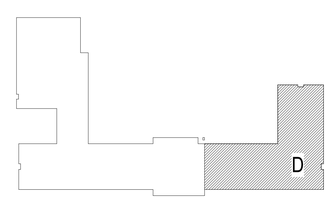
GREESON GATLIN GANGLUFF & ASSOCIATES ENGINEERS PA
Phone: 501.224.7070

226013

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

NORTH

KEY PLAN



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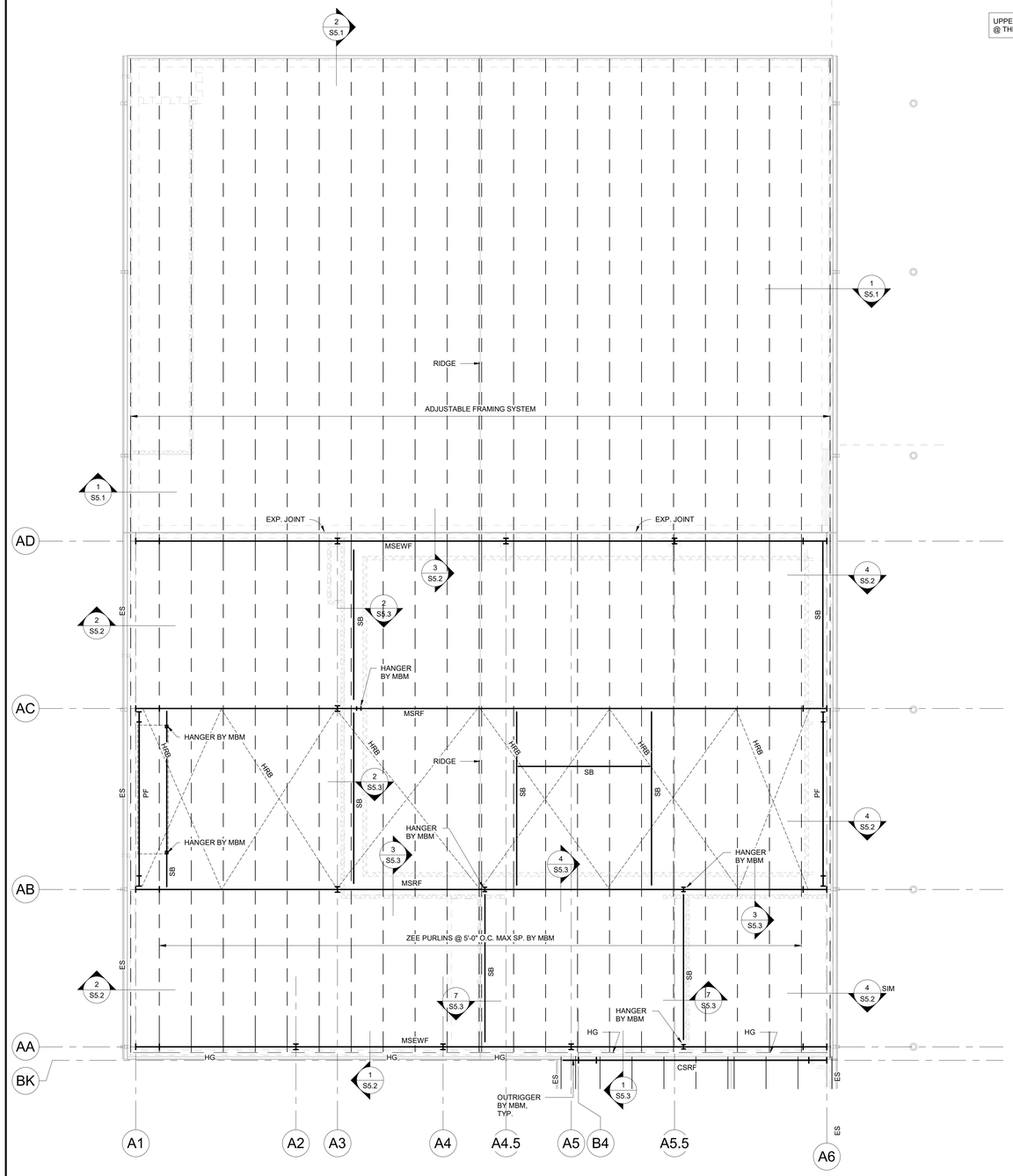
INTERMEDIATE FRAMING PLAN AREA D

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
RANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

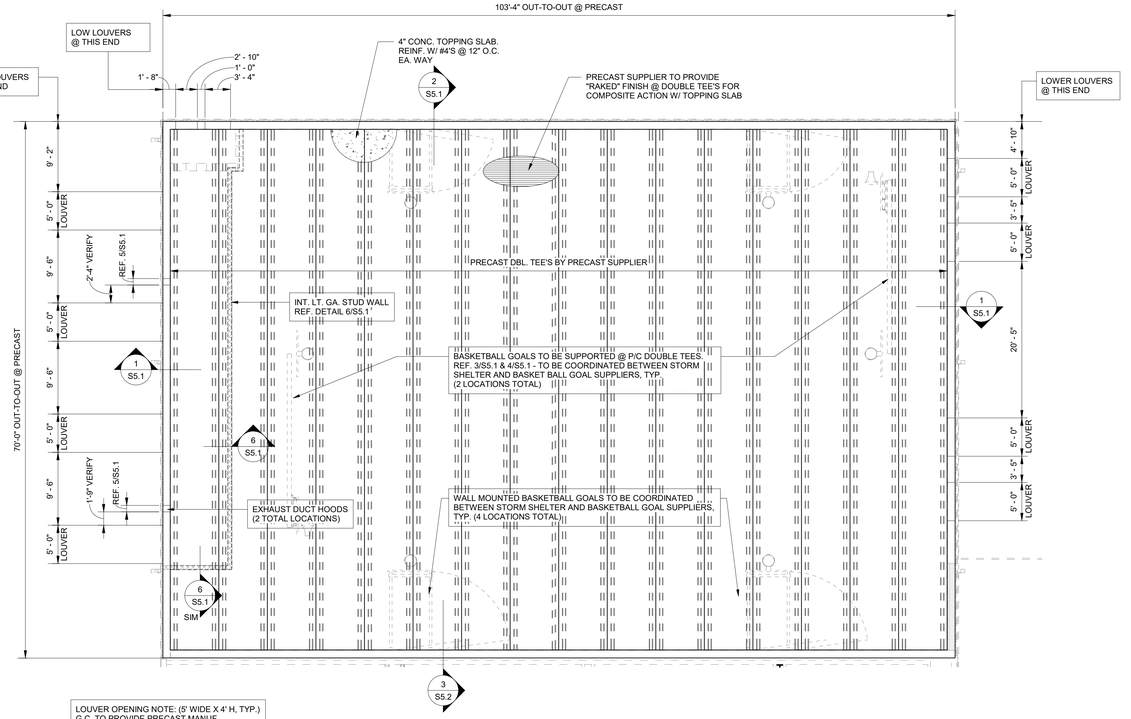
S4.4



NORTH

1 S4.5 ROOF FRAMING PLAN - AREA A

1/8" = 1'-0"



LOUVER OPENING NOTE: (5' WIDE X 4' H, TYP.) G.C. TO PROVIDE PRECAST MANUF W/ LOUVER SIZE, BOLT LOCATION, & SIZE, PRIOR TO DESIGN OF PANELS. PRECAST MANUF. TO PROVIDE SUFFICIENT CLEARANCE AROUND REINFORCING FOR MOUNTING LOUVERS INTO PRECAST WALLS.

NORTH

2 S4.5 SAFEROOM FRAMING PLAN

1/8" = 1'-0"

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   j. STORM SHELTER DESIGN LOADS
   k. STRUCTURAL LEGEND
   l. SPECIAL INSPECTIONS
   m. SEISMIC NOTE
2. SEE S1.2 FOR:
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4. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE (UNLESS NOTED OTHERWISE)
5. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

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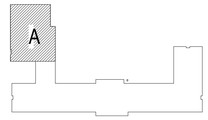
ROOF FRAMING PLAN AREA A

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
JERRY L. GANGLUFF
05-18-2026

DATE:	2026 05-18
PROJECT NO:	25053
DRAWN BY:	GGGAE
REV:	



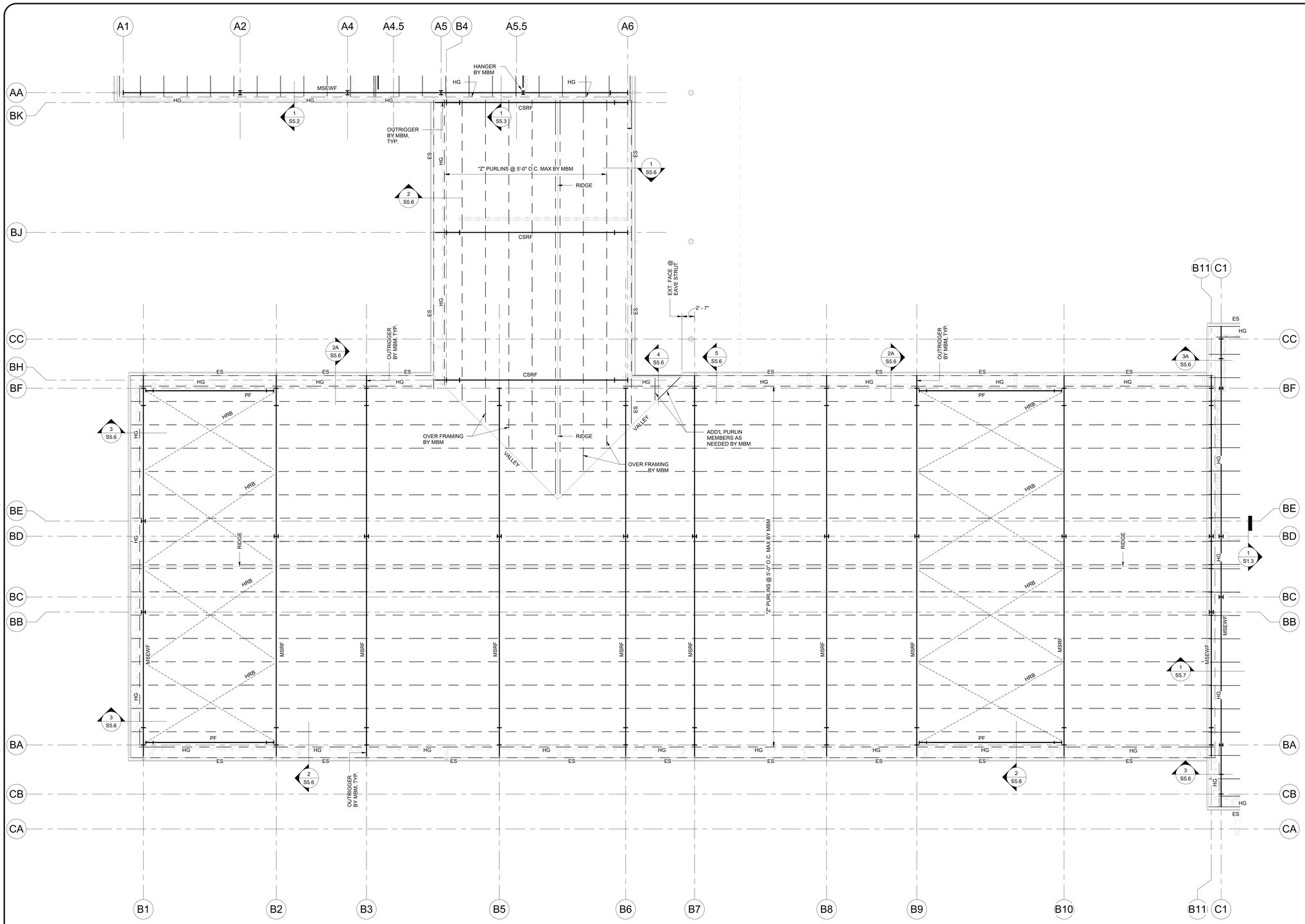
NORTH

KEY PLAN

GREESON GATLIN GANGLUFF & ASSOCIATES ENGINEERS PA
Phone: 501.224.7070
226013

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

S4.5



NORTH

1 S4.6 ROOF FRAMING PLAN - AREA B

1/8" = 1'-0"

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
   g. BUILDING DESIGN LOADS
   h. GENERAL FRAMING NOTES
   j. STORM SHELTER DESIGN LOADS
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   m. SEISMIC NOTE
2. SEE S1.2 FOR:
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ROOF FRAMING PLAN
AREA B

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

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No. 133
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
ANDY L. GANGLUFF
05-18-2026

DATE:	2026 05-18
PROJECT NO:	25053
DRAWN BY:	GGGAE
REV:	

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Phone: 501.224.7070

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DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

B

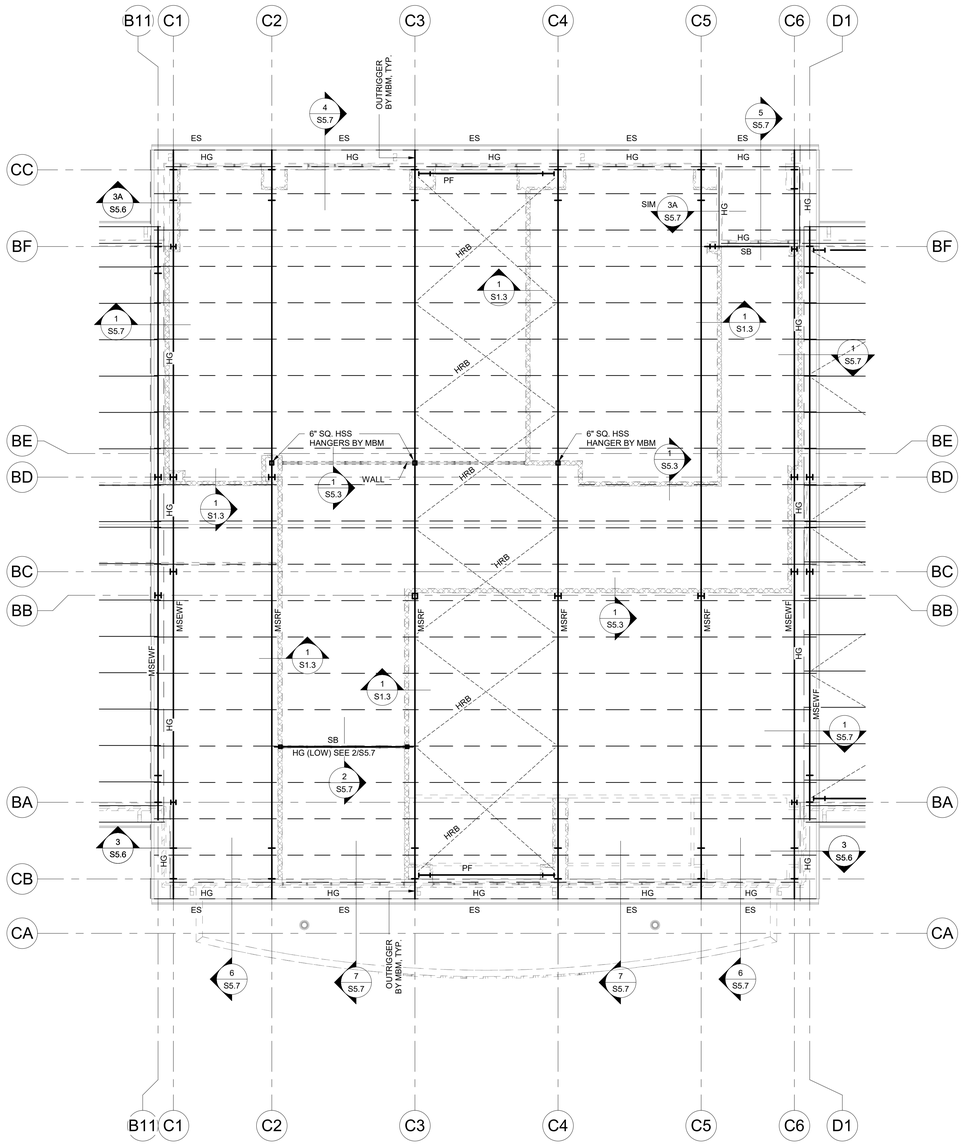
NORTH

KEY PLAN

S4.6

PLAN NOTES

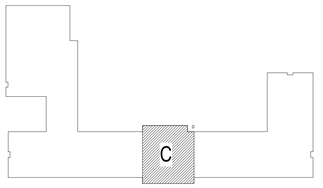
1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
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6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS



NORTH

1 S4.7 ROOF FRAMING PLAN - AREA C

1/8" = 1'-0"



NORTH

KEY PLAN

GREESON GATLIN GANGLUFF & ASSOCIATES ENGINEERS PA
Phone: 501.224.7070
226013

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

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ROOF FRAMING PLAN
AREA C

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
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No. 133
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
ANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S4.7



NORTH

1 S4.8 ROOF FRAMING PLAN - AREA D

1/8" = 1'-0"

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. FOUNDATION NOTES
   c. GENERAL CONCRETE NOTES
   d. CONCRETE PLACEMENT SCHEDULE
   e. BLOCK REINFORCING NOTES
   f. LT. GA. FRAMING NOTES
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   h. GENERAL FRAMING NOTES
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   m. SEISMIC NOTE
2. SEE S1.2 FOR:
   a. COLUMN SCHEDULES
   b. FOOTING SCHEDULE
   c. HAIRPIN SCHEDULE
3. SEE S1.3 FOR:
   a. TYP. LT. GA. DETAILS
   b. TYP. MASONRY DETAILS
   c. LINTEL SCHEDULE
4. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE (UNLESS NOTED OTHERWISE)
5. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
6. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

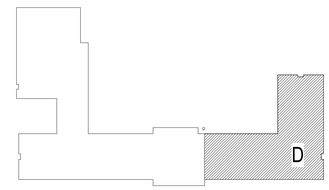
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DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 302.50'

NORTH

KEY PLAN



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ROOF FRAMING PLAN AREA D

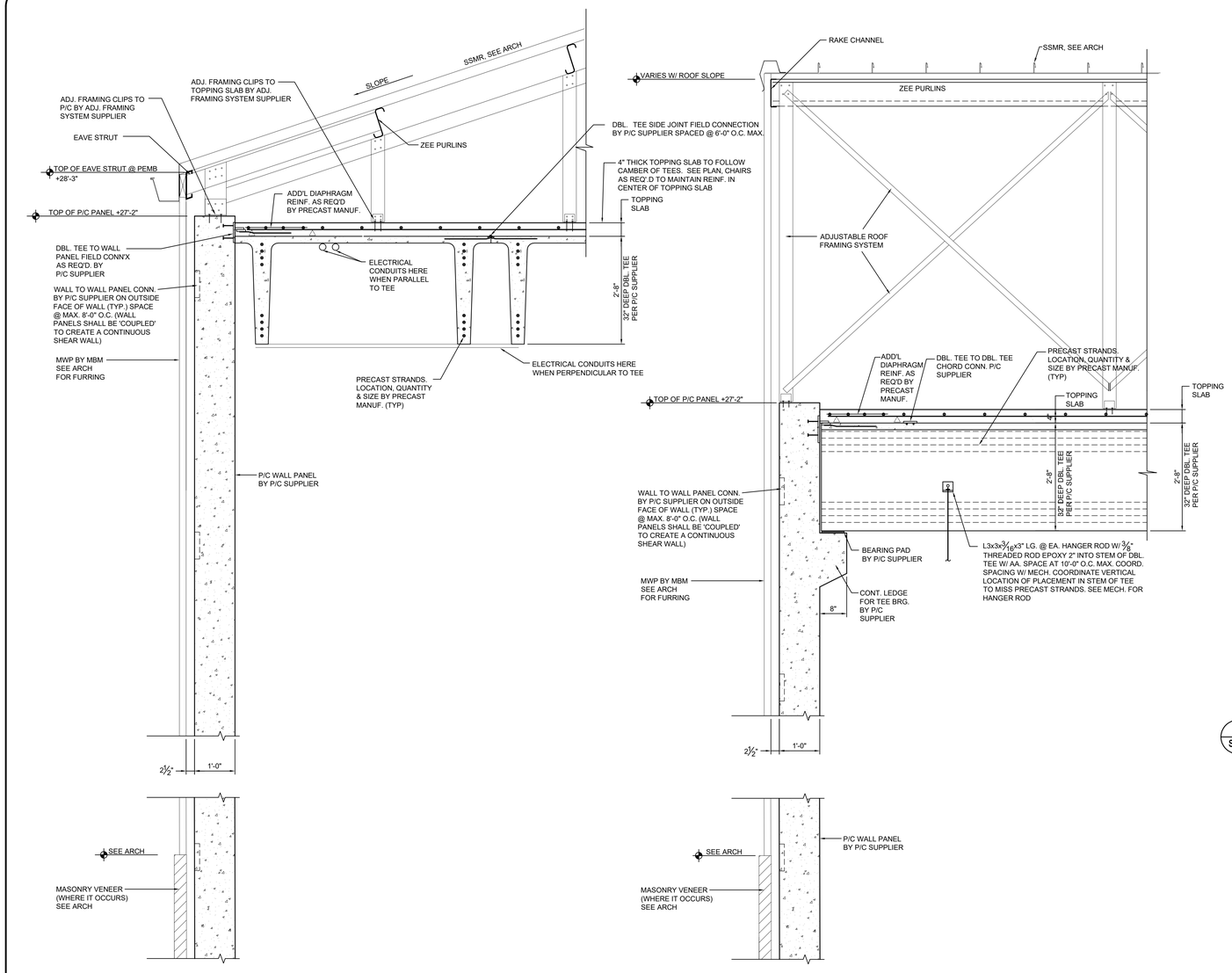
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING PA
No. 133
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
JERRY L. GANGLUFF
05-18-2026

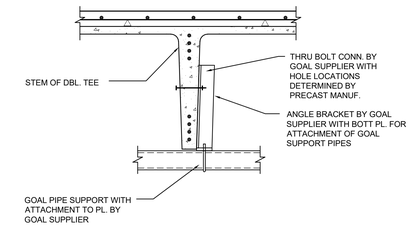
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S4.8

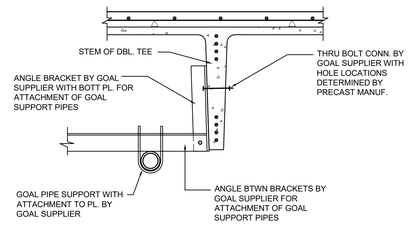


1 S5.1 TYP. EAVE SECTION @ STORM SHELTER (UNO)
3/4"=1'-0"

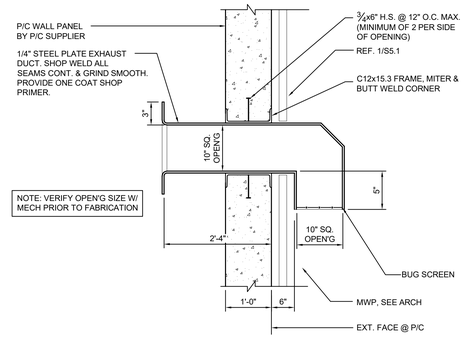
2 S5.1 RAKE SECTION @ STORM SHELTER WHERE NOTED
3/4"=1'-0"



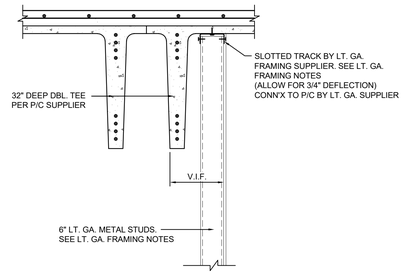
3 S5.1 STORM SHELTER GOAL SUPPORT DETAIL @ PIPE PERP. TO P/C STEM
3/4"=1'-0"



4 S5.1 SAFEROOM GOAL SUPPORT DETAIL @ PIPE PARALLEL TO P/C STEM
3/4"=1'-0"



5 S5.1 EXHAUST DUCT HOOD WALL OPEN'G @ STORM SHELTER
3/4"=1'-0"



6 S5.1 INT. LT. GA. STUD WALL @ STORM SHELTER
3/4"=1'-0"

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AREA A SAFEROOM FRAMING DETAILS

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No. 133
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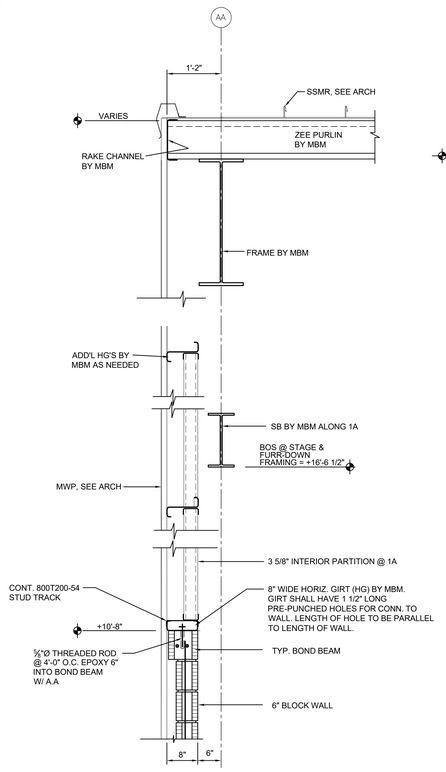
STATE OF ARKANSAS
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No. 11242
ANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S5.1

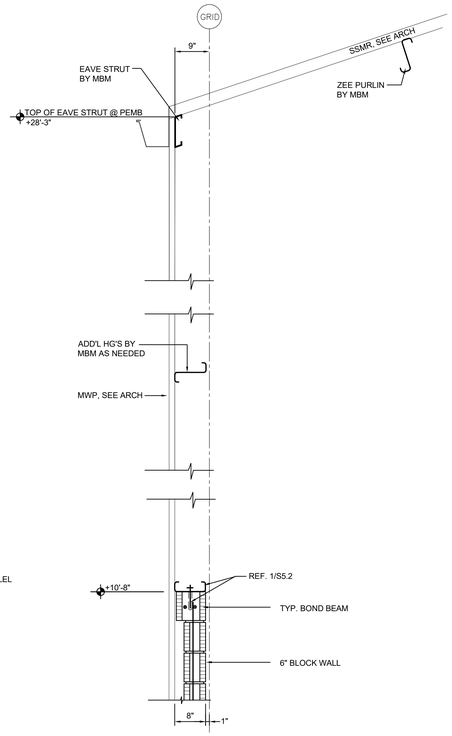
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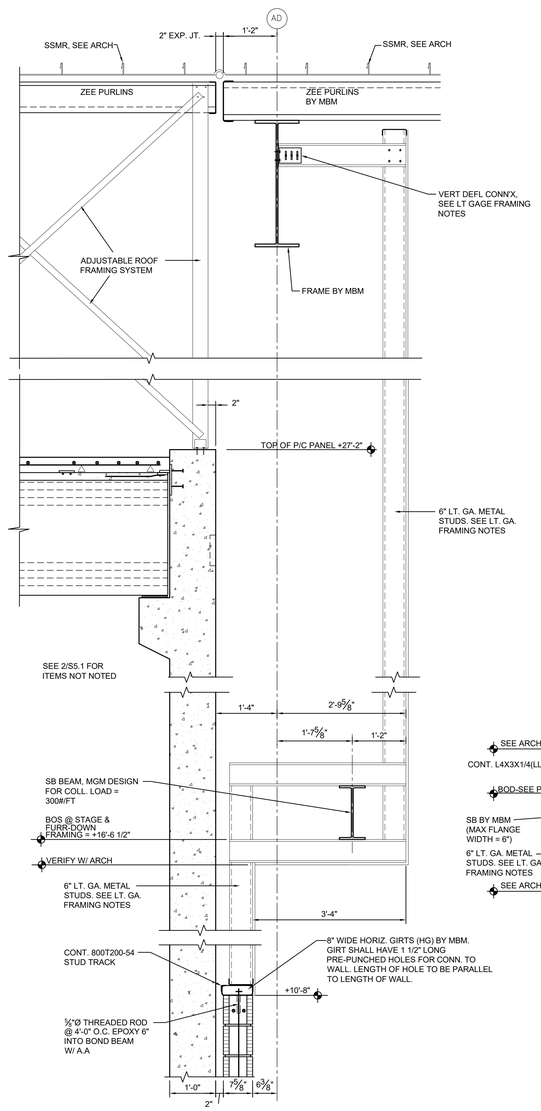


1 S5.2 TYP. RAKE SECTION @ AREA A (UNO)
3/4"=1'-0"

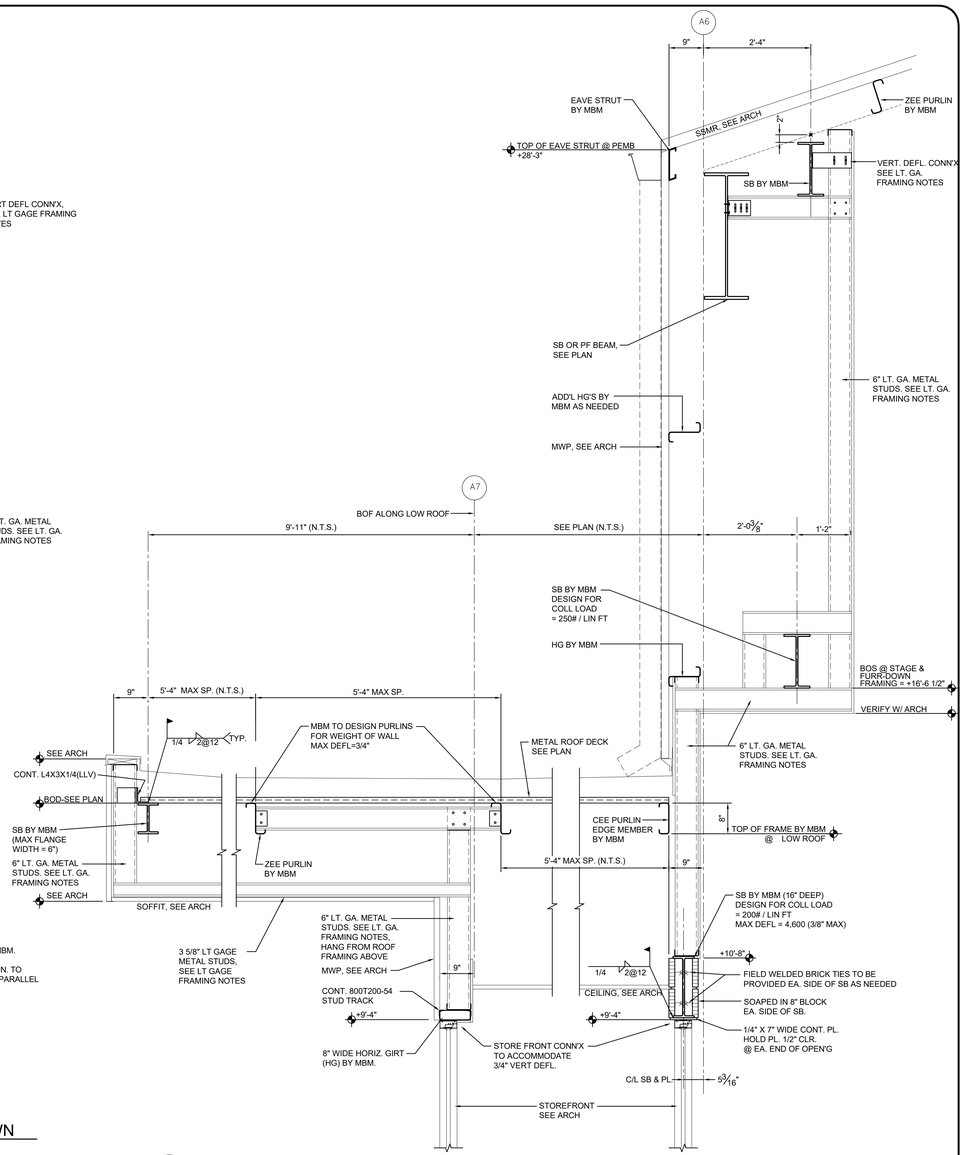
1A S5.2 RAKE SECTION @ AREA A ALONG STAGE
3/4"=1'-0"



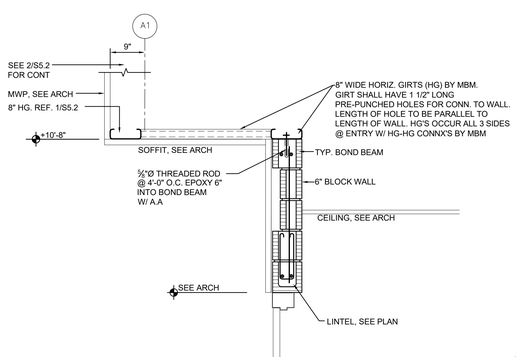
2 S5.2 TYP. EAVE SECTION @ AREA A (UNO)
3/4"=1'-0"



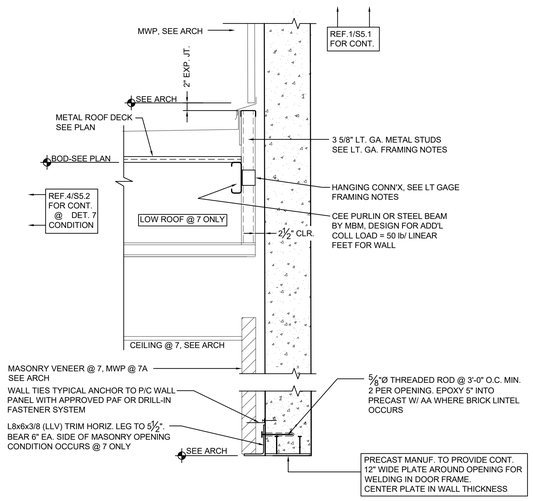
3 S5.2 RAKE SECTION @ SAFEROOM ALONG ROOF EXP. JT. W/ FURRDOWN
3/4"=1'-0"



4 S5.2 TYP. EAVE SECTION @ AREA A ALONG LOW ROOF
3/4"=1'-0"

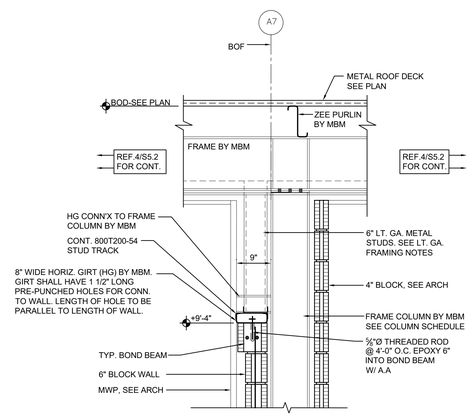


6 S5.2 SECTION @ AREA A RECESSED ENTRY ALONG GRIDLINE A1
3/4"=1'-0"

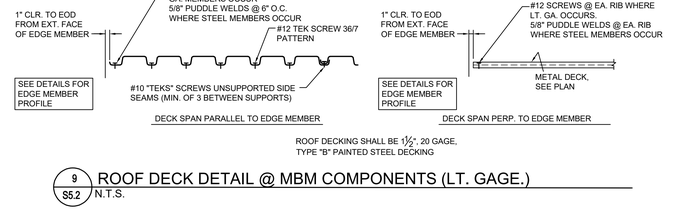


7 S5.2 SECTION @ AREA A STORM SHELTER ENTRY ALONG LOW ROOF
3/4"=1'-0"

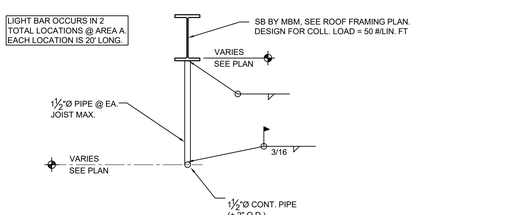
7A S5.2 SECTION @ AREA A STORM SHELTER ENTRY
3/4"=1'-0"



8 S5.2 TYP. FRAME COL. SECTION ALONG GRIDLINE A7 @ LOW ROOF (UNO) W/ BLOCK WALL BRACE CONNX'S
3/4"=1'-0"



9 S5.2 ROOF DECK DETAIL @ MBM COMPONENTS (LT. GAGE.)
N.T.S.



10 S5.2 LIGHT BAR DETAIL
NTS

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AREA A
FRAMING DETAILS

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CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER

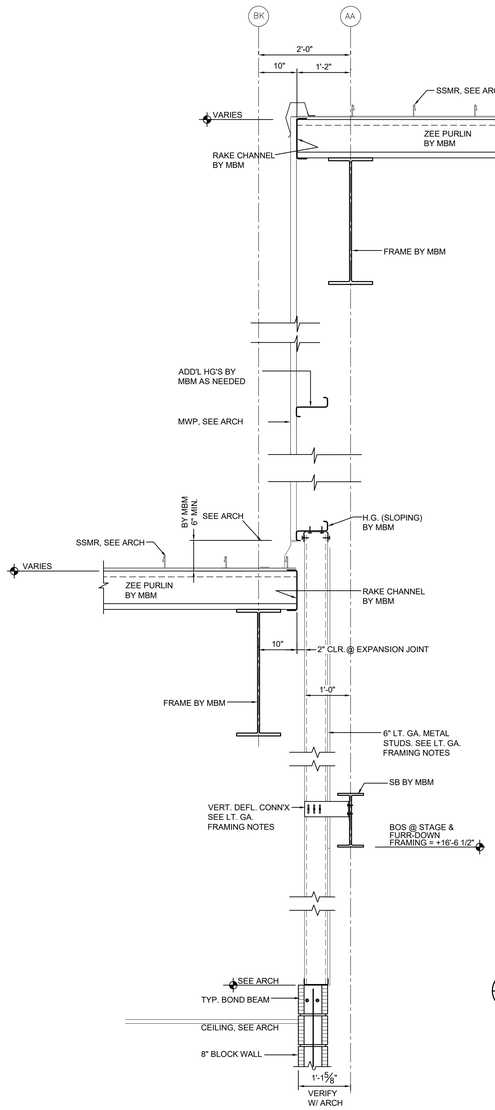
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
JERRY T. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

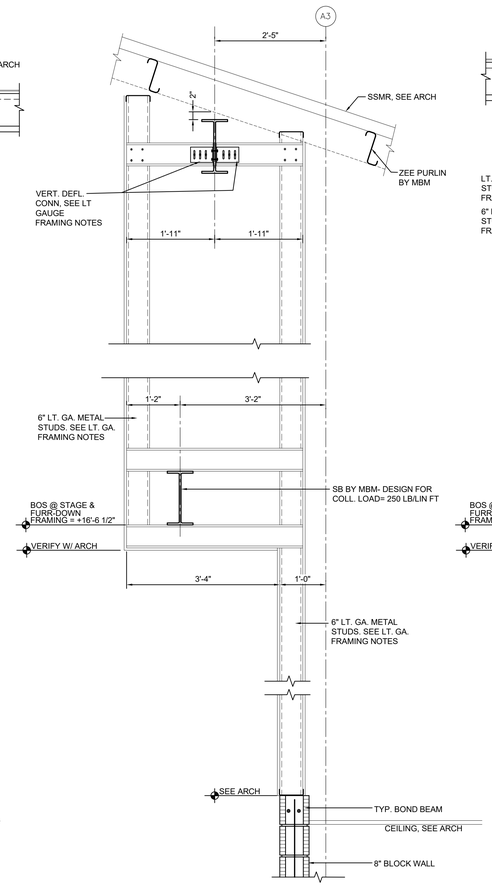
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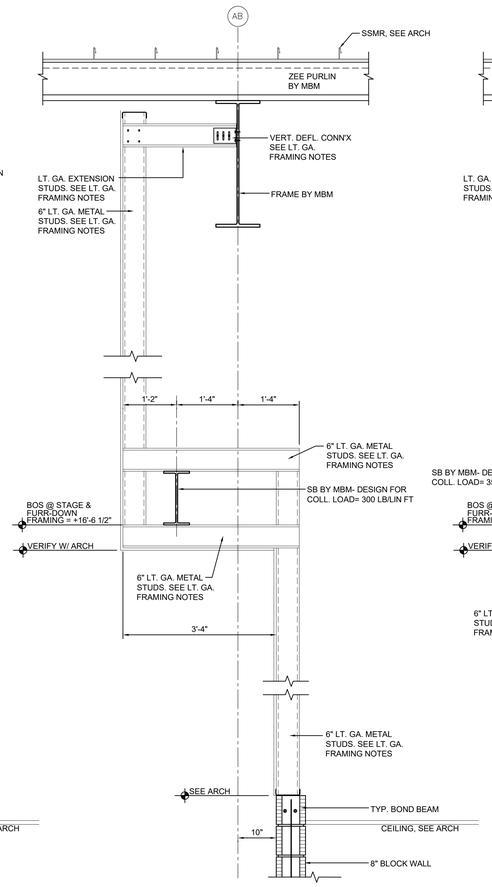
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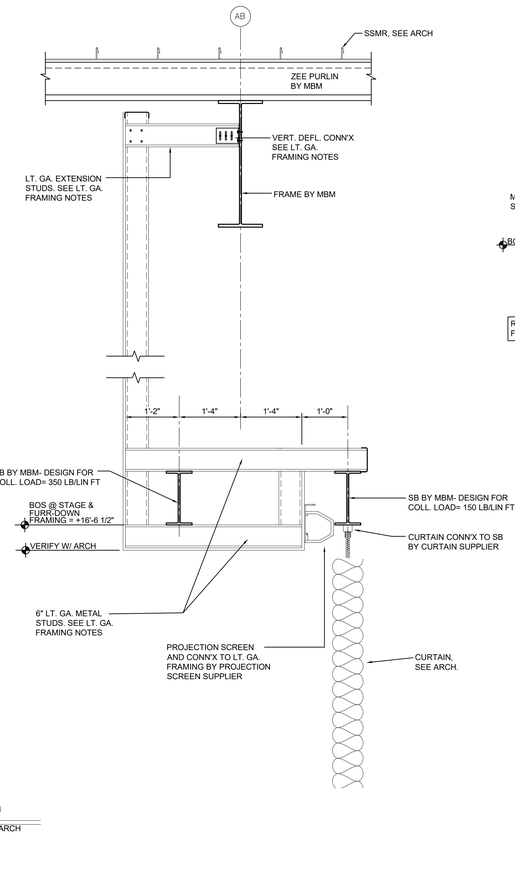
1 S5.3 PEMB ROOF STEP ALONG FRAMELINES BK & AA
3/4"=1'-0"



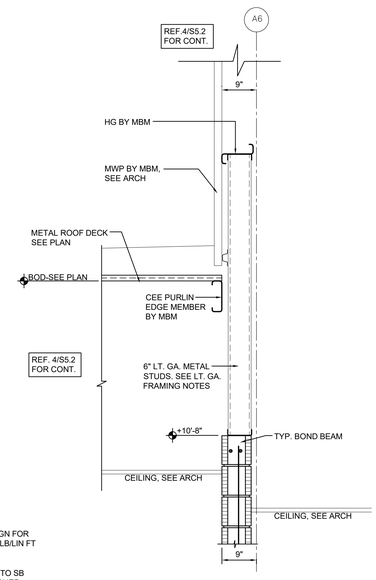
2 S5.3 FURR-DOWN SECTION ALONG GRIDLINE A3
3/4"=1'-0"



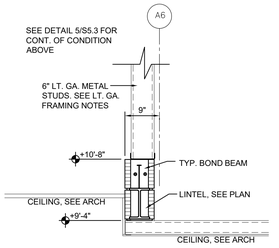
3 S5.3 FURR-DOWN SECTION ALONG FRAMELINE AB
3/4"=1'-0"



4 S5.3 FURR-DOWN SECTION ALONG FRAMELINE AB @ STAGE OPEN'G
3/4"=1'-0"



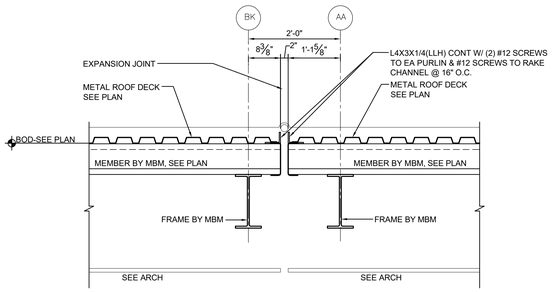
SECTION 5 ALONG CW



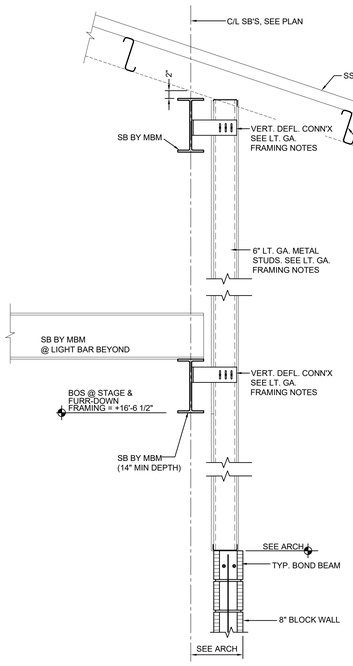
SECTION 5A @ OPEN'G

5 S5.3 SECTION @ AREA A ALONG LOW ROOF
3/4"=1'-0" BTWN. FRAMELINES AA - AB

5A S5.3 SECTION @ AREA A ALONG LOW ROOF
3/4"=1'-0" @ OPEN'G BTWN. FRAMELINES AA - AB



6 S5.3 SECTION @ LOW ROOF EXP. JT. ALONG GRIDS BK-AA
3/4"=1'-0"



7 S5.3 SECTION @ INT. STAGE WALLS W/ SB'S WHERE NOTED
3/4"=1'-0"

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AREA A
FRAMING DETAILS

EAST END ELEMENTARY
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SHERIDAN, ARKANSAS

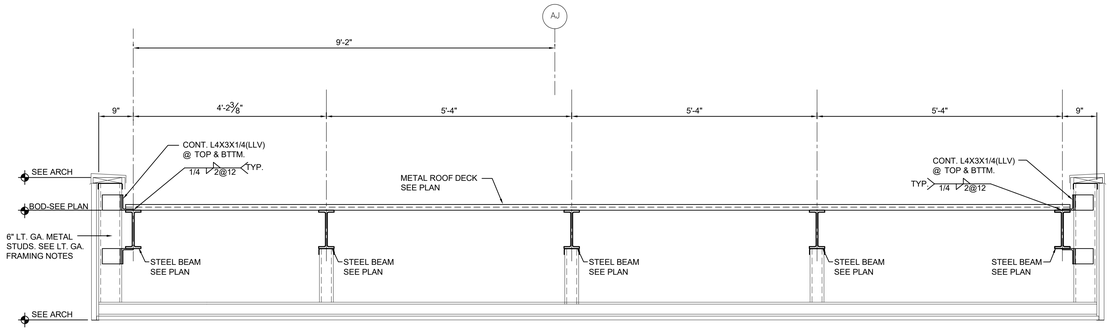
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No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
LARRY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

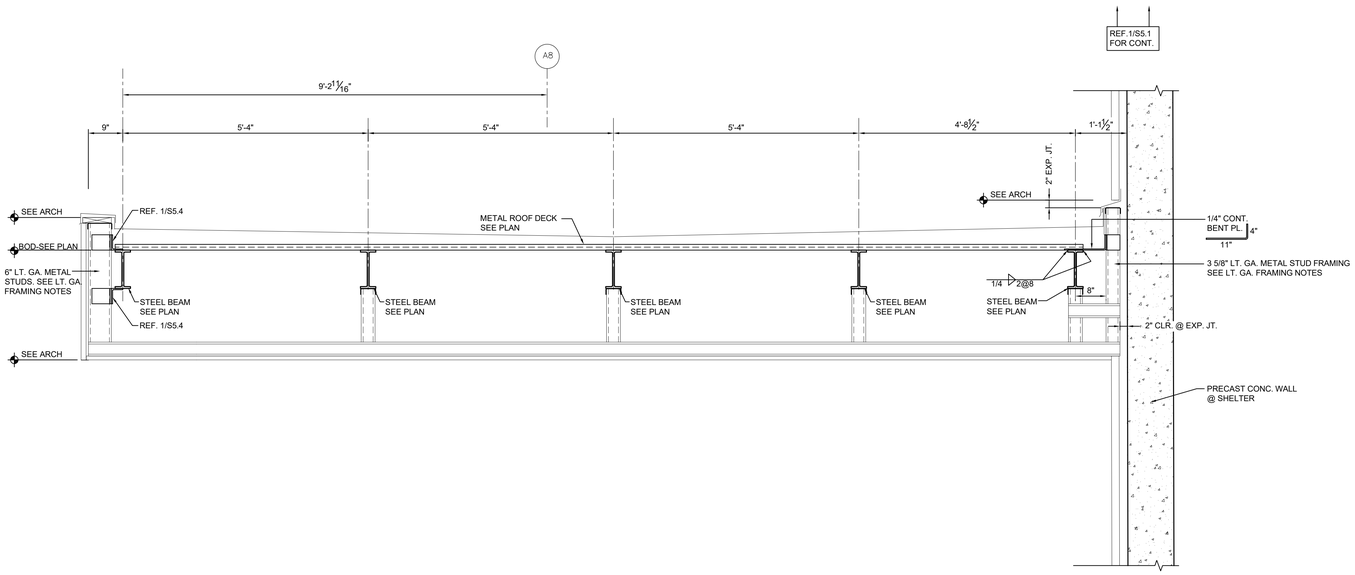
S5.3

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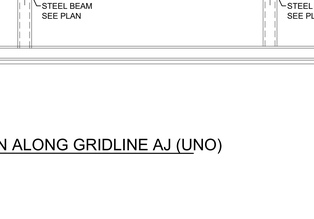
1 S5.4 TYP. CANOPY SECTION ALONG GRIDLINE AJ (UNO)
3/4"=1'-0"



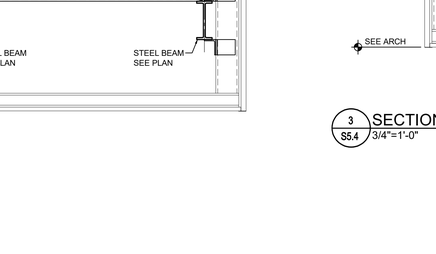
2 S5.4 TYP. CANOPY SECTION ALONG GRIDLINE A8 (UNO)
3/4"=1'-0"



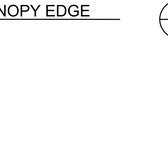
6 S5.4 ANCHOR BOLT FOR CANOPY COLUMNS
NTS



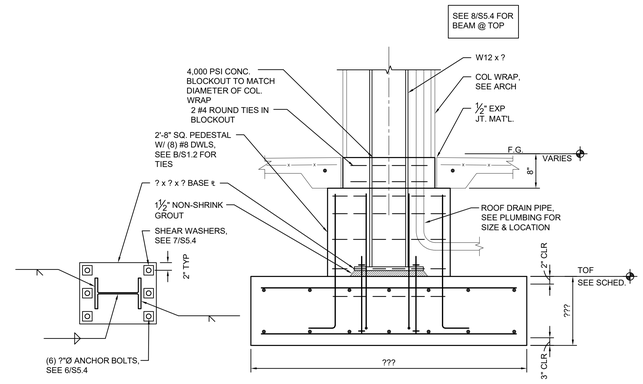
7 S5.4 SHEAR TRANSFER WASHER CANOPY COLUMNS
NTS



8 S5.4 SCHEM BEAM TO COL CONN'X @ CANOPY
NTS

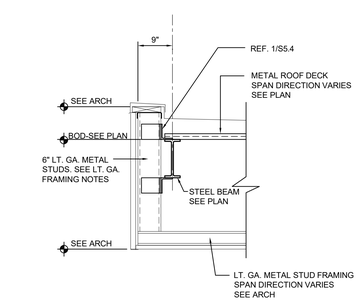


9 S5.4 TYPICAL BEAM TO BEAM CONN'X @ CANOPY
3/4"=1'-0"

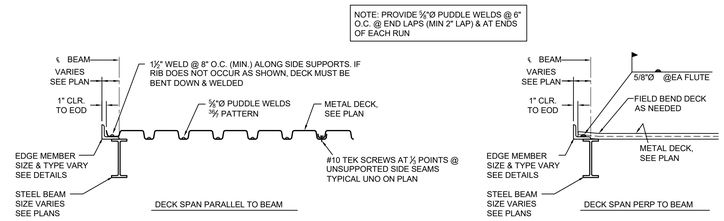


GRID	TOF
AF-A8	300.00
AG-A8	300.00
AH-A8	300.00
AJ-A8	299.50
AJ-A9	299.50
AJ-A10	299.50
AJ-A11	299.00
AJ-A12	299.00
AJ-A13	298.50
AJ-A14	298.50

5 S5.4 TYP. FDN. SECTION & ADD'L INFO AT CANOPY COLUMNS
3/4"=1'-0"



3 S5.4 SECTION ALONG CANOPY EDGE
3/4"=1'-0"



A. DECKING SHALL BE 1½" TYPE B, 20 GAUGE PAINTED STEEL DECK UNO ON PLANS
B. ALL DECK WELDS TO STRUCTURAL MEMBERS SHALL BE 5/8"Ø PUDDLE WELDS.
C. ALL DECK MUST BE MINIMUM 3 SPAN CONDITION (U.N.O.).
D. ERECTOR MAY SUBSTITUTE A DECK FASTENING SYSTEM BY HILTI (OR EQUAL) CAPABLE OF MEETING OR EXCEEDING THE CAPACITY OF THE SPECIFIED CONNECTIONS ABOVE AND DIAPHRAGM STRENGTH. SYSTEM MUST BE SUBMITTED FOR APPROVAL PRIOR TO USE.

4 S5.4 ROOF DECKING DETAIL @ STEEL CONST.
N.T.S.

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AREA A CANOPY
FRAMING DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

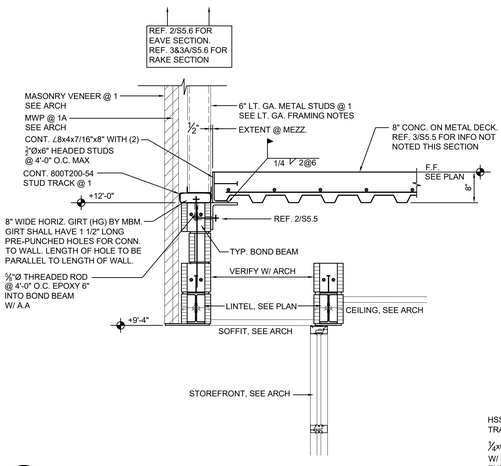
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GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEERS ROSTER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.11242
JEREMY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

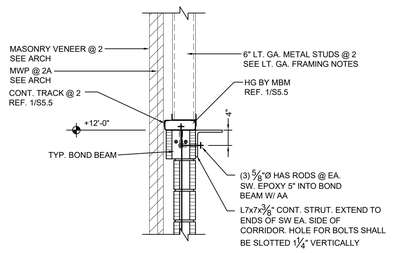
GREESON GATLIN GANGLUFF & ASSOCIATES ENGINEERS PA
Phone: 501.224.7070
226013

S5.4



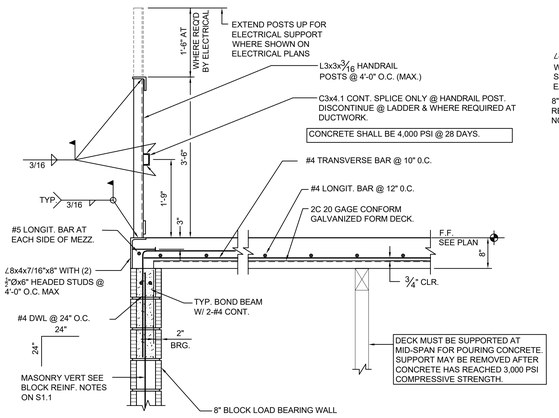
1 S5.5 SECTION @ MEZZ. END(S) W/ RECESSED ENTRY W/ MASONRY VENEER
3/4"=1'-0"

1A S5.5 SECTION @ MEZZ. END(S) W/ RECESSED ENTRY W/ MWP
3/4"=1'-0"

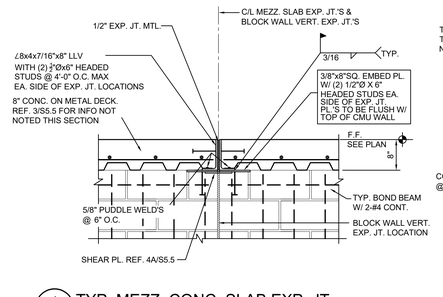


2 S5.5 SECTION @ ANGLE STRUT ALONG SW W/ MASONRY VENEER
3/4"=1'-0"

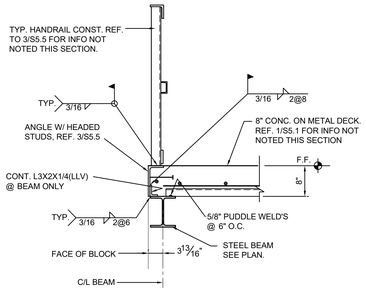
2A S5.5 SECTION @ ANGLE STRUT ALONG SW W/ MWP
3/4"=1'-0"



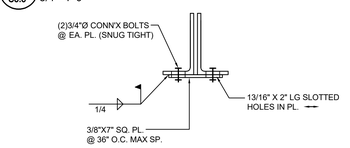
3 S5.5 TYP. MEZZ CONC. SLAB BRG. @ BLOCK WALL
3/4"=1'-0"



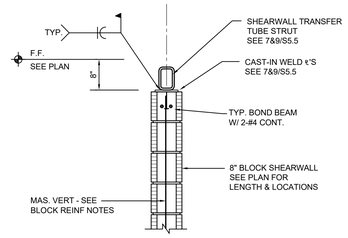
4 S5.5 TYP. MEZZ. CONC. SLAB EXP. JT.
3/4"=1'-0"



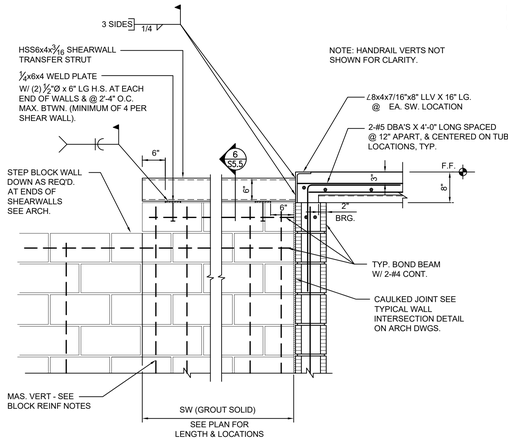
5 S5.5 TYP. MEZZ. CONC. SLAB @ BEAM BRG.
3/4"=1'-0"



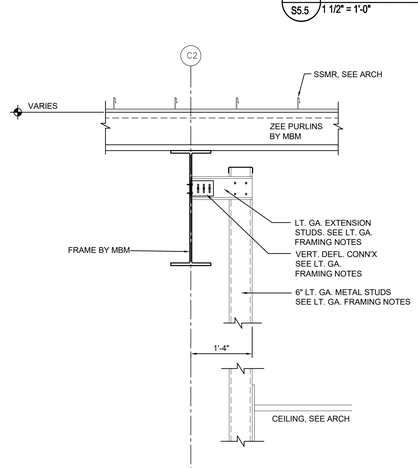
4A S5.5 SHEAR CONN'X ALONG EXP. JT.
1 1/2" = 1'-0"

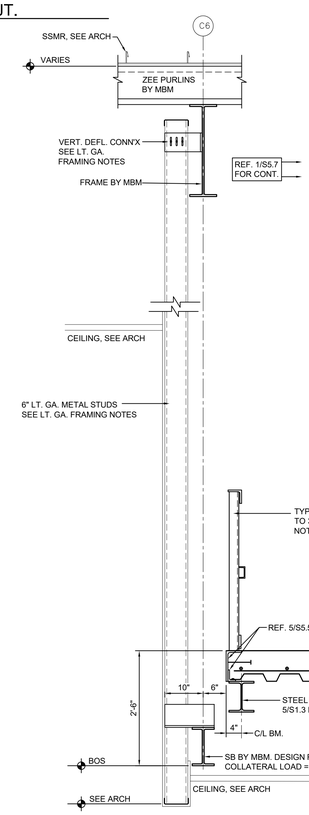


6 S5.5 TUBE STRUT @ INT. SHEARWALL
3/4"=1'-0"

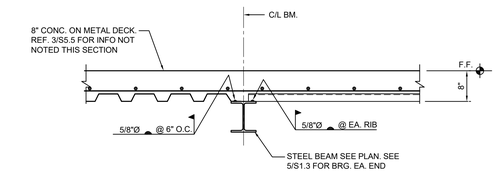


7 S5.5 INT. SHEARWALL CONN'X TO MEZZ. CONC. SLAB
3/4"=1'-0"

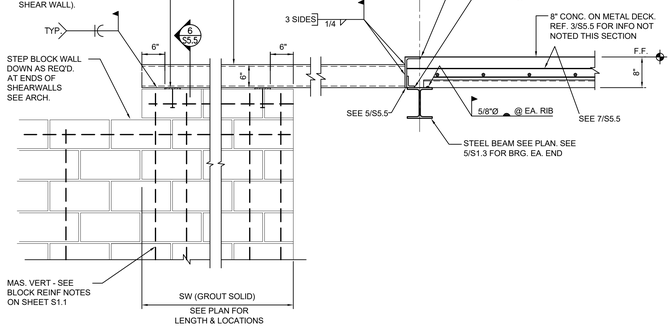




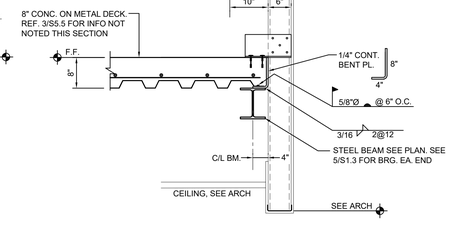
11 S5.5 HANDRAIL @ EDGE OF PLANK ALONG FRAMELINE C6
3/4"=1'-0"



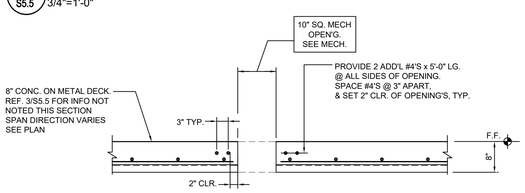
8 S5.5 MEZZ. CONC. SLAB @ DECK DIR. CHANGE ALONG BM. BRG.
3/4"=1'-0"



9 S5.5 SHEARWALL CONN'X TO MEZZ. CONC. SLAB @ ALCOVE
3/4"=1'-0"



10 S5.5 EDGE OF PLANK ALONG FRAMELINE C2
3/4"=1'-0"



12 S5.5 MEZZ. CONC. SLAB @ MECH. OPENING'S
3/4"=1'-0"

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MEZZANINE DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

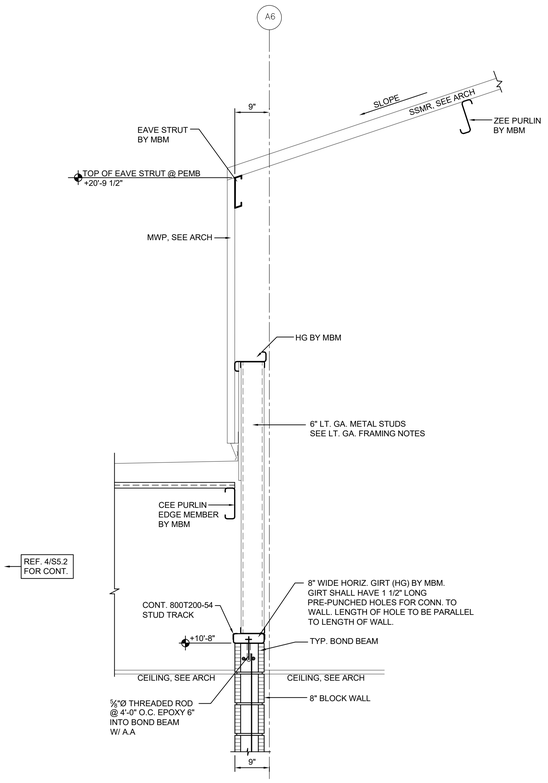
CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
BRADY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

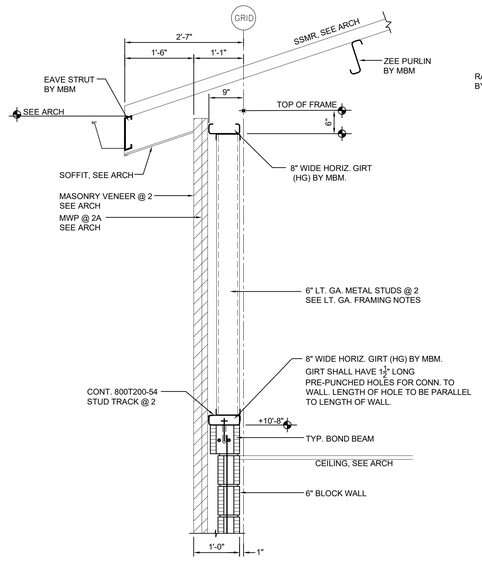
S5.5

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Phone: 501.224.7070

226013

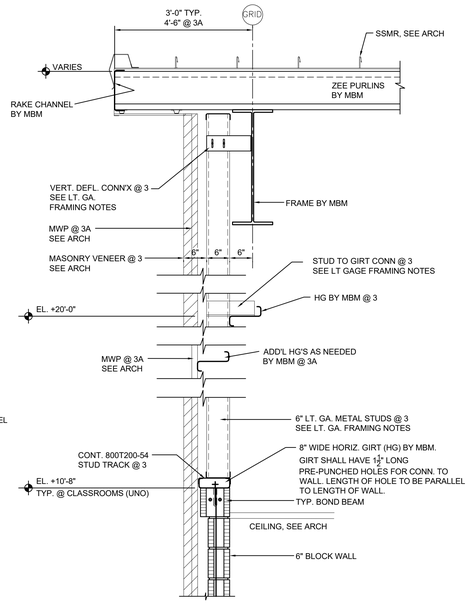


1 S5.6 EAVE SECTION @ AREA B ALONG LOW ROOF W/ FURRDOWN
3/4"=1'-0"



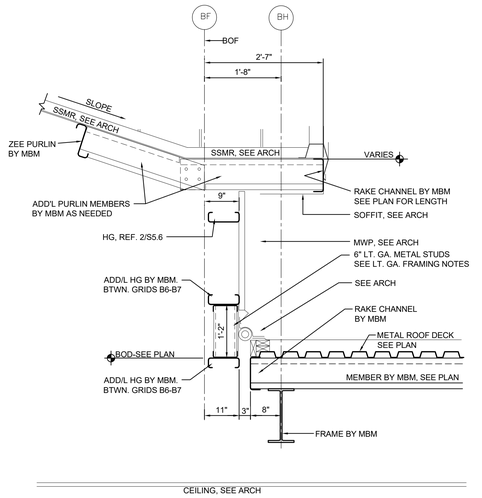
2 S5.6 TYP. EAVE SECTION @ CLASSROOMS (UNO)
3/4"=1'-0" W/ MASONRY VENEER

2A S5.6 TYP. EAVE SECTION @ CLASSROOMS (UNO)
3/4"=1'-0" W/ MWP

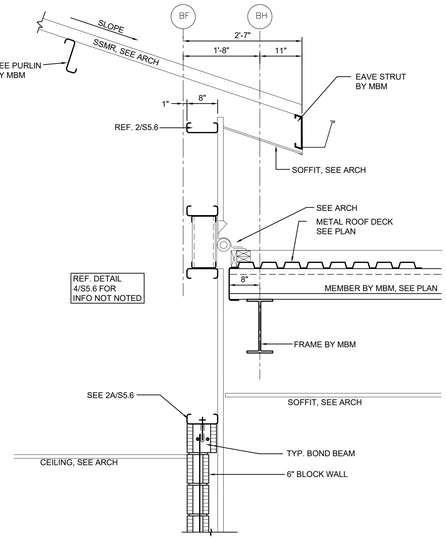


3 S5.6 TYP. RAKE SECTION @ CLASSROOMS (UNO)
3/4"=1'-0" W/ MASONRY VENEER

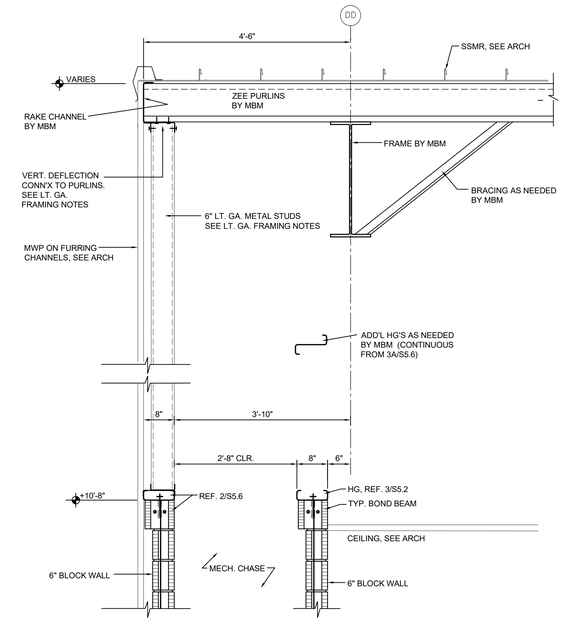
3A S5.6 RAKE SECTION ALONG FRAMELINE DD
3/4"=1'-0" W/ MWP



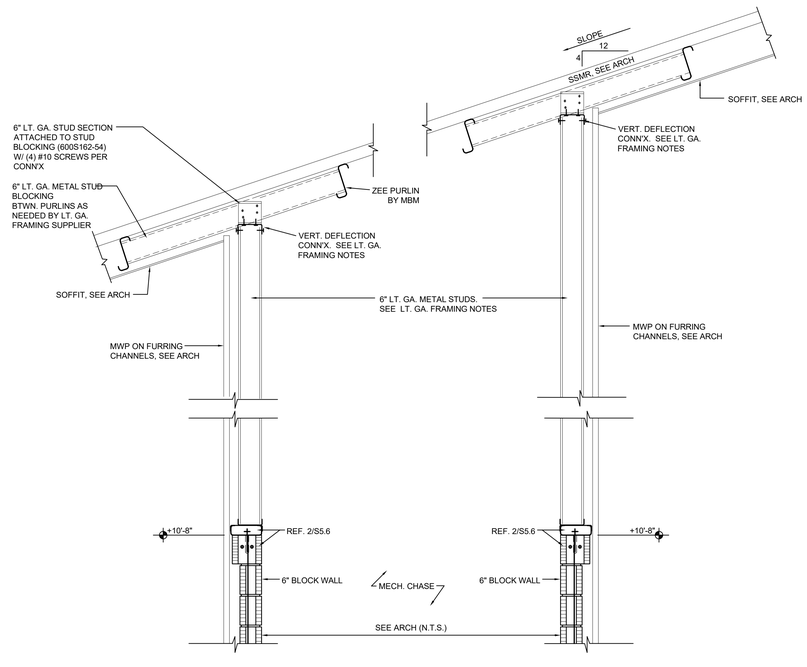
4 S5.6 SECTION @ LOW ROOF THRU CORRIDOR
3/4"=1'-0" BTWN. GRIDS B6 & B7 AS NOTED



5 S5.6 EXT. WALL ALONG LOW ROOF WHERE NOTED
3/4"=1'-0"



6 S5.6 MECH. CHASE SECTION ALONG RAKE @ FRAMELINE DD
3/4"=1'-0"



6 S5.6 MECH. CHASE EXT. WALLS PERP. TO FRAMELINE DD
3/4"=1'-0"

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AREAS B & D
FRAMING DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC., ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER

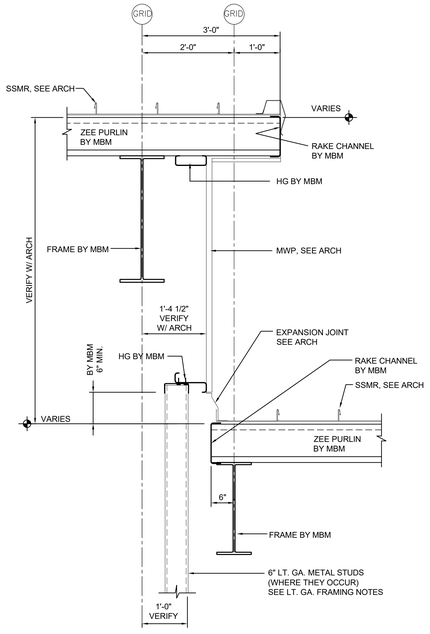
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
ANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

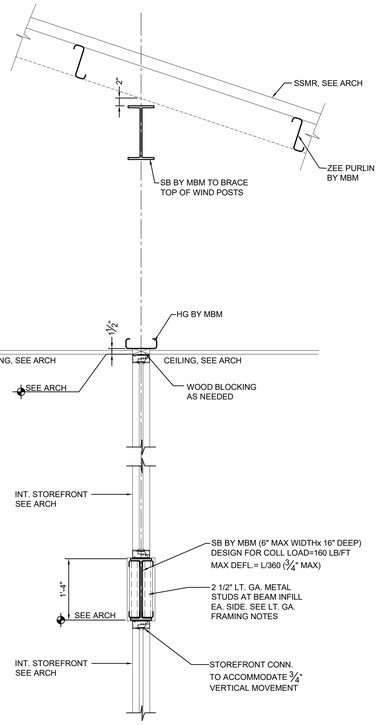
S5.6

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Phone: 501.224.7070

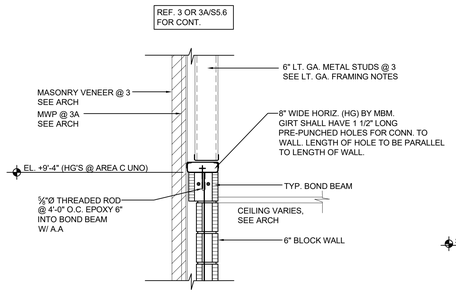
226013



1 S5.7 TYP. ROOF STEP @ AREA C (UNO)
3/4"=1'-0"

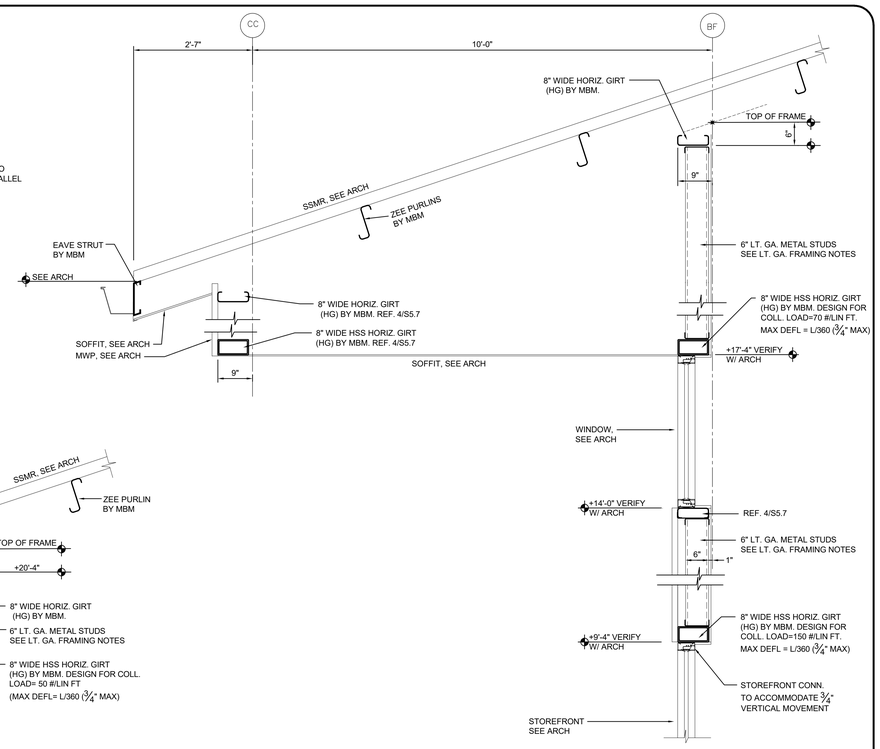


2 S5.7 SECTION AT INT. STOREFRONT WHERE NOTED
3/4"=1'-0"

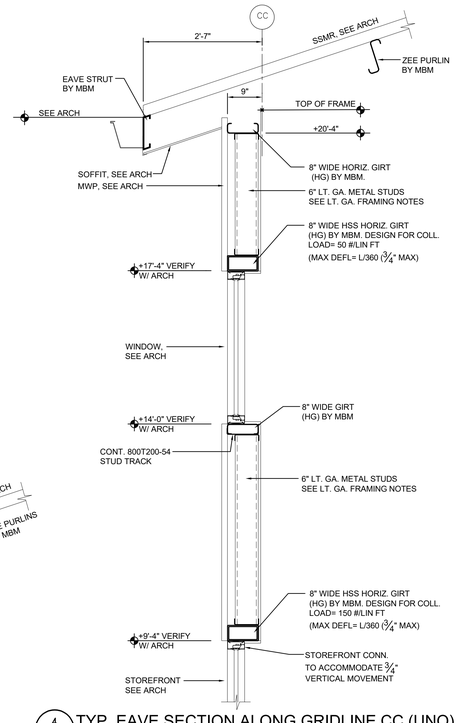


3 S5.7 AREA C EXT. WALL W/ HG'S @ VENEER
3/4"=1'-0"

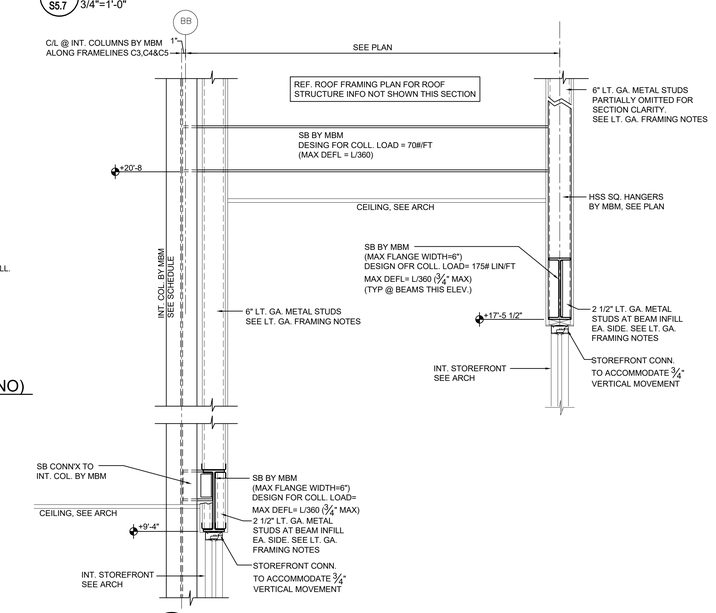
3A S5.7 AREA C EXT. WALL W/ HG'S @ MWP
3/4"=1'-0"



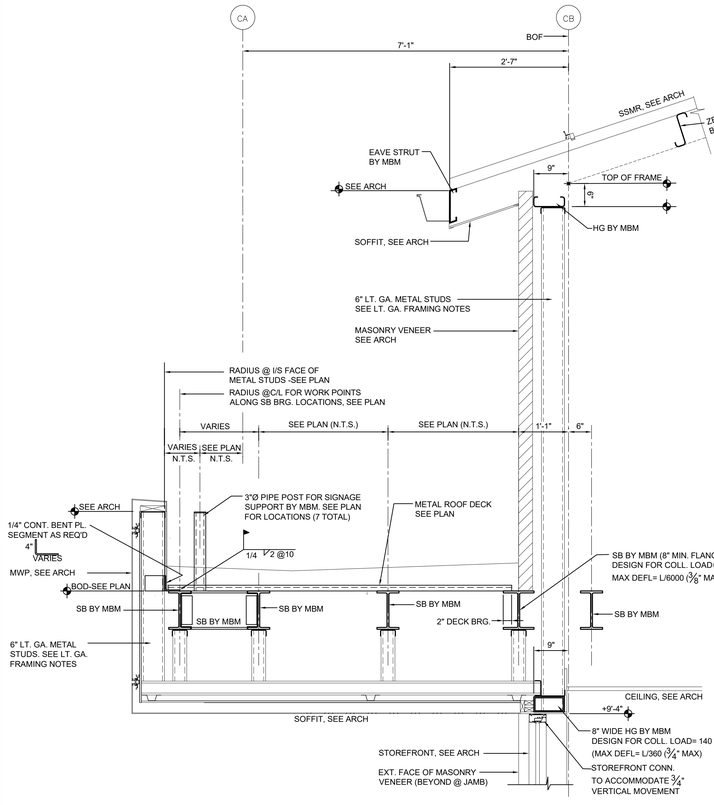
5 S5.7 EAVE SECTION ALONG GRIDLINE CC @ RECESSED ENTRY
3/4"=1'-0"



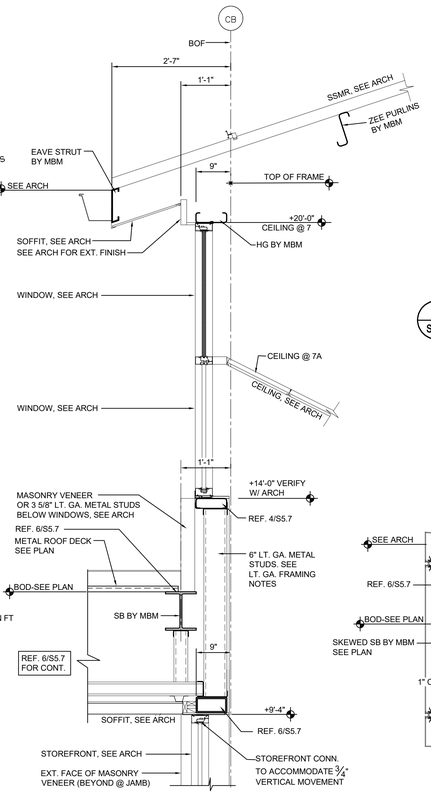
4 S5.7 TYP. EAVE SECTION ALONG GRIDLINE CC (UNO)
3/4"=1'-0"



9 S5.7 SECTION @ INT. FRAMING ALONG CORRIDOR
3/4"=1'-0"
OCCURS ALONG FRAMELINES C3&C4, SIM. @ C2

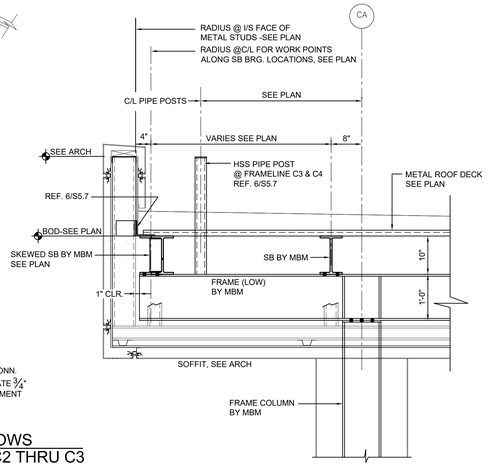


6 S5.7 CANOPY SECTION ALONG EXT. WALL @ GRIDLINE CB W/O WINDOWS
3/4"=1'-0"

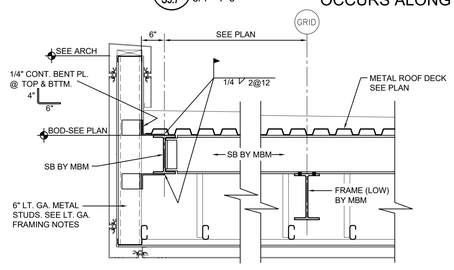


7 S5.7 EXT. WALL @ GRIDLINE CB WITH WINDOWS
3/4"=1'-0"
GRIDLINES C2 THRU C3

7A S5.7 EXT. WALL @ GRIDLINE CB WITH WINDOWS
3/4"=1'-0"
GRIDLINES C3 THRU C5



8 S5.7 SECTION @AREA C CANOPY FRAME COLUMNS
3/4"=1'-0"



10 S5.7 SECTION @AREA C CANOPY ENDS
3/4"=1'-0"

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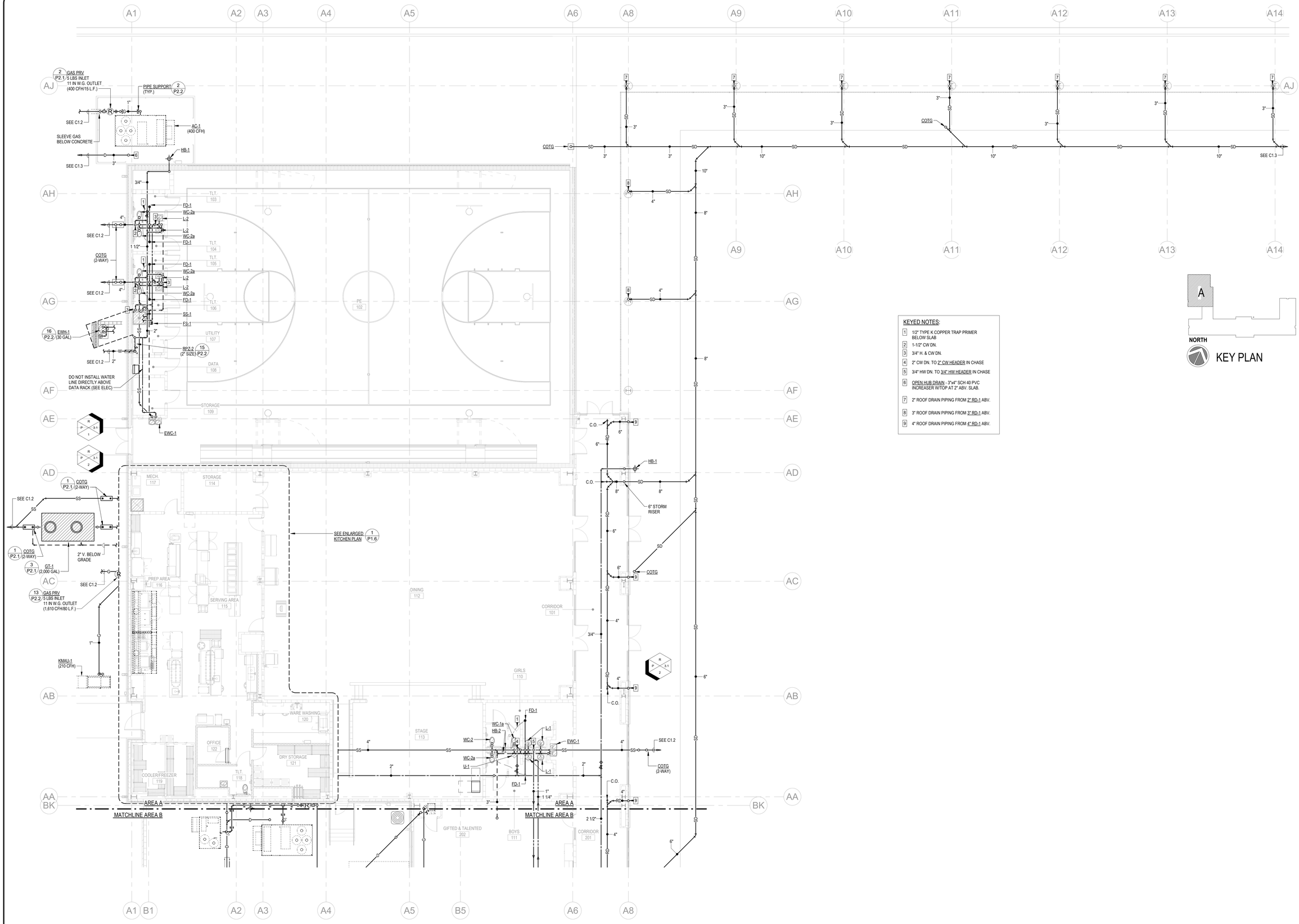
AREA C
FRAMING DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
SHERIDAN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC., ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER NOTARY
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11242
RANDY L. GANGLUFF
05-18-2026

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: GGGAE
REV:

S5.7



KEYED NOTES:

1. 1/2" TYPE K COPPER TRAP PRIMER BELOW SLAB
2. 1-1/2" CW DN.
3. 3/4" H. & CW DN.
4. 2" CW DN. TO 2" CW HEADER IN CHASE
5. 3/4" HW DN. TO 3/4" HW HEADER IN CHASE
6. OPEN HUB DRAIN - 3"x4" SCH 40 PVC INCREASER W/TOP AT 2" ABV. SLAB.
7. 2" ROOF DRAIN PIPING FROM 2" RD-1 ABV.
8. 3" ROOF DRAIN PIPING FROM 3" RD-1 ABV.
9. 4" ROOF DRAIN PIPING FROM 4" RD-1 ABV.

KEY PLAN

NORTH 1 P1.1 1/8" = 1'-0" 0 4' 8' 16'

FLOOR PLAN - AREA A - PLUMBING

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FLOOR PLAN - AREA A - PLUMBING

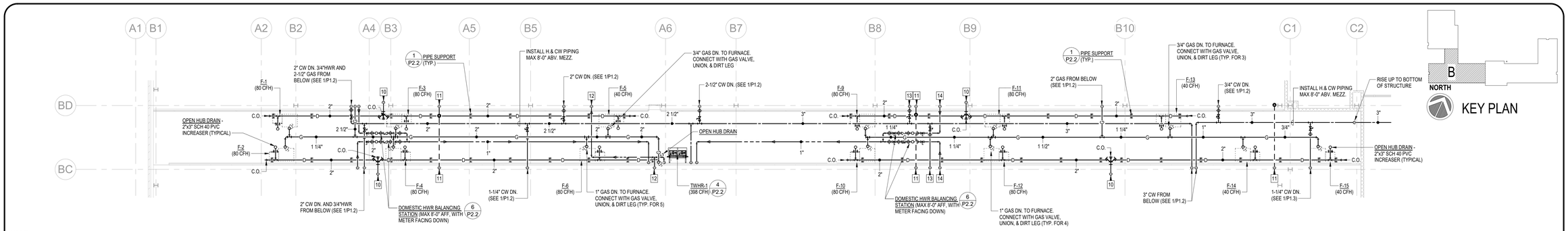
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 166
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.26127
RANDALL M. RIGGINS

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: KS
REV:

P1.1

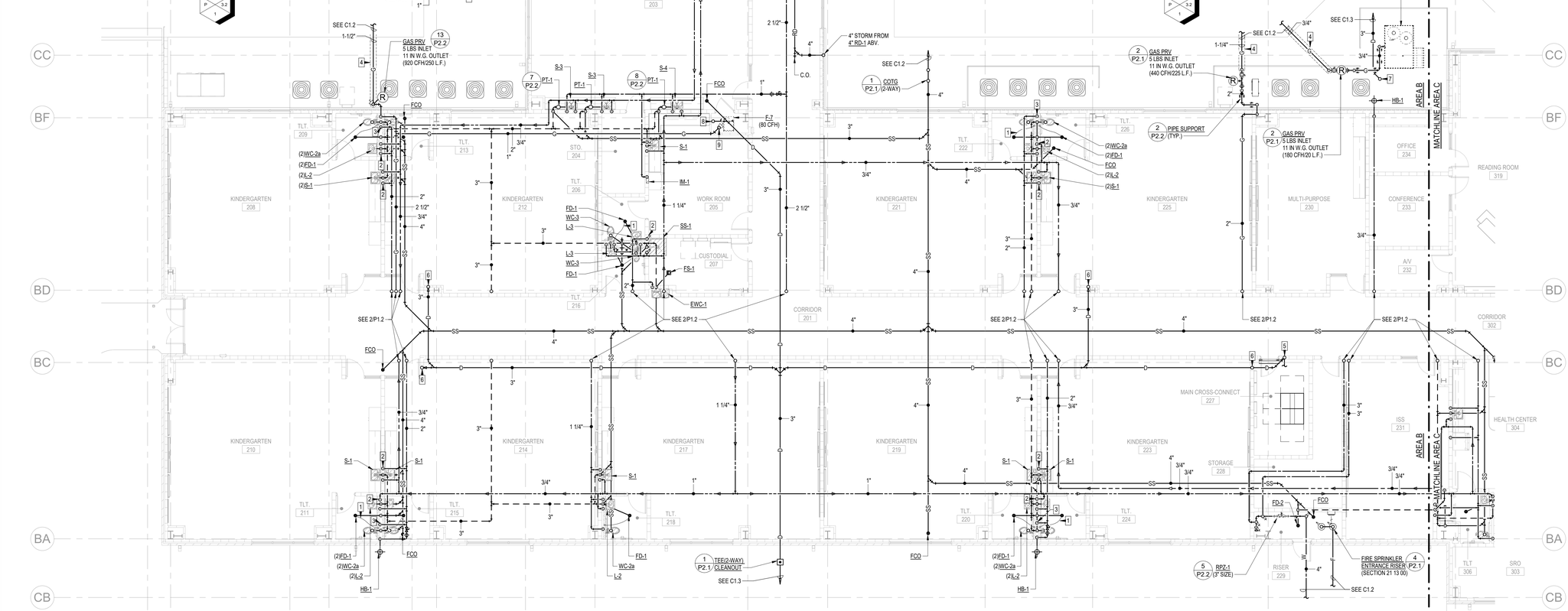


NORTH 2 P1.2

MEZZANINE PLAN - AREA B - PLUMBING

1/8" = 1'-0"

0 4' 8' 16'



NORTH 1 P1.2

FLOOR PLAN - AREA B - PLUMBING

1/8" = 1'-0"

0 4' 8' 16'

KEYED NOTES:

1. 1/2" TYPE K COPPER TRAP PRIMER BELOW SLAB
2. 3/4" H. & CW DN.
3. 2" CW DN.
4. SLEEVE GAS BELOW CONCRETE
5. 1-1/2" SCH 40 PVC COND. RISER. STUB OUT 1" PVC AT 7'-6" AFF FOR CONNECTION TO HVAC CONDENSATE. PROVIDE 1-1/2" AAV ABV. CLG. IN ACCESSIBLE LOCATION.
6. 2" COND. FROM ABV. (SEE 2/P1.2)
7. OPEN HUB DRAIN - 3"x4" SCH 40 PVC INCREASER W/TOP AT 2" ABV. SLAB.
8. 1-1/2" SCH 40 PVC COND. RISER. STUB OUT 1" PVC AT 0'-1" ABV. PLENUM FOR CONNECTION TO FURNACE CONDENSATE. PROVIDE 1-1/2" AAV IN CLOSET IN ACCESSIBLE LOCATION. SLEEVE RISER THRU PLENUM WITH SCH 40 BLACK STEEL
9. CONNECT TO PACKAGED UNIT/FURNACE WITH GAS VALVE, UNION, & DIRT LEG
10. 2" COND. DN. (SEE 1/P1.2)
11. 3" VENT FROM BELOW (SEE 1/P1.2)
12. 1-1/4" HW DN. (SEE 1/P1.2)
13. 2" CW DN. (SEE 1/P1.2)
14. 3/4" HWR FROM BELOW (SEE 1/P1.2)

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FLOOR PLAN - AREA B - PLUMBING

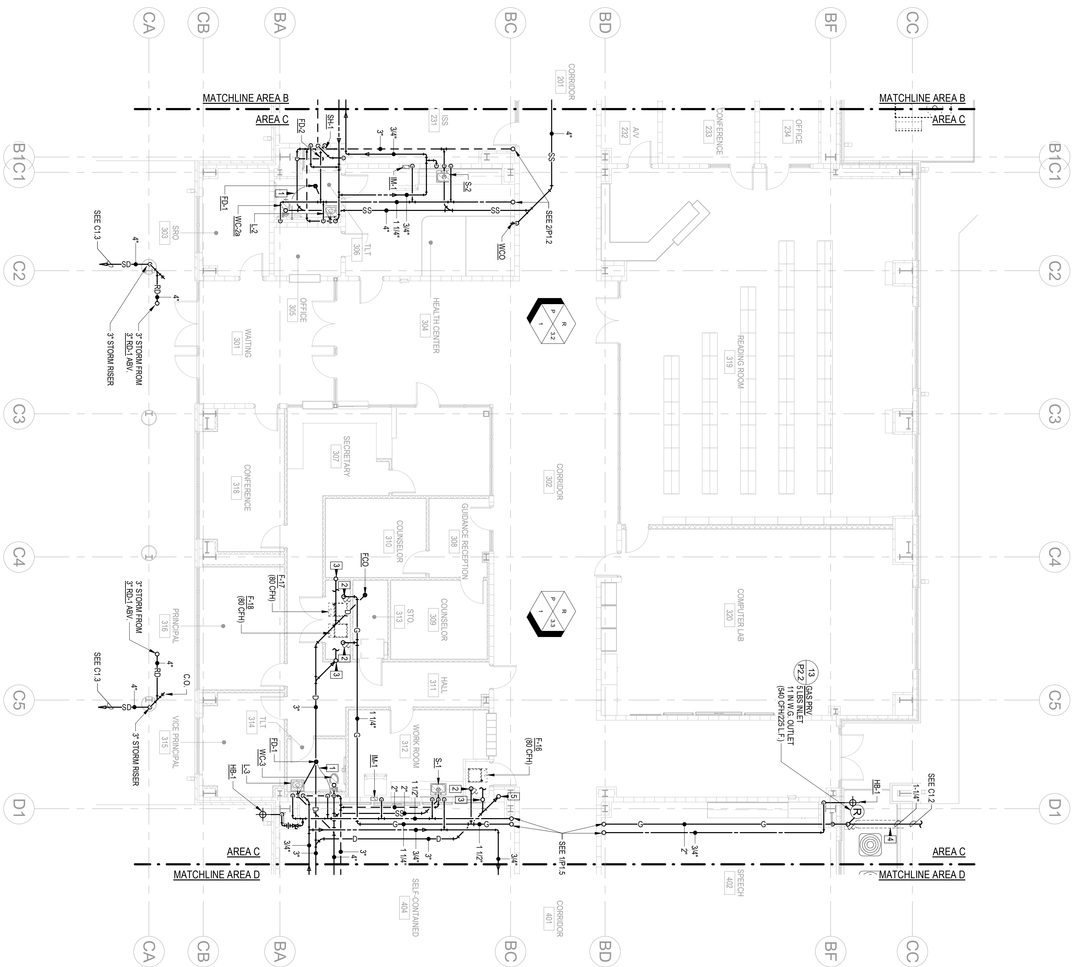
EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7618
RANDALL M. RAGSDALE

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: KS
REV:

P1.2



NORTH

1 FLOOR PLAN - AREA C - PLUMBING
P1.3
1/8" = 1'-0"
0 4" 8" 16"

KEYED NOTES:

1. 1/2" TYPE K COPPER TRAP PRIMER BELOW SLAB
2. 1" GAS DN. TO FURNACE. CONNECT WITH GAS VALVE UNION, & DIRT LEG
3. 1-1/2" SCH 40 PVC COND. RISER. STUB OUT T-PVC AT 0'-1" ABV. PLENUM FOR CONNECTION TO HVAC CONTRACTOR. PROVIDE PULL STRING ON TOP OF RISER IN ACCESSIBLE LOCATION.
4. SLEEVE GAS BELOW CONCRETE
5. 2" COND. FROM ABV. (SEE 1/P1.5)

NORTH

KEY PLAN

EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

FLOOR PLAN - AREA C - PLUMBING

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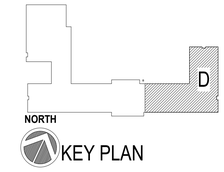
P1.3
3 OF 10

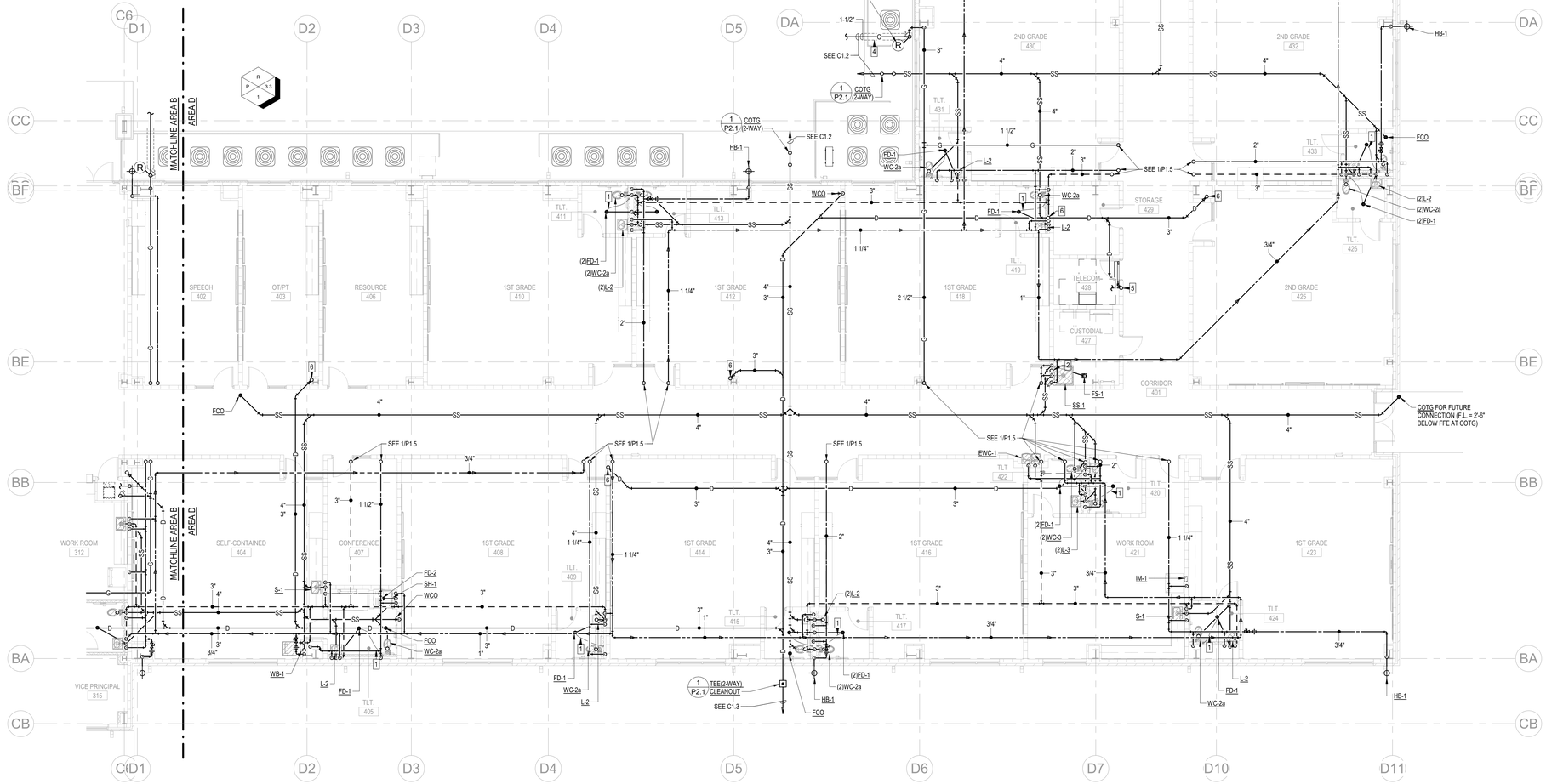
DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: Author
REV:

ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 21 [illegible]
CERTIFICATE OF AUTHORIZATION LEWIS ARCHITECTS ENGINEERS No. 186 TEXAS REGISTERED

KEYED NOTES:

1. 1/2" TYPE K COPPER TRAP PRIMER BELOW SLAB
2. 3/4" H. & CW DN.
3. 2" CW DN.
4. SLEEVE GAS BELOW CONCRETE
5. 1-1/2" SCH 40 PVC COND. RISER. STUB OUT 1" PVC AT 7'-6" AFF FOR CONNECTION TO HVAC CONDENSATE. PROVIDE 1-1/2" AAV ABV. CLG. IN ACCESSIBLE LOCATION.
6. 2" COND. FROM ABV. (SEE 1/P1.5)





NORTH

P1.4 FLOOR PLAN - AREA D - PLUMBING

1/8" = 1'-0"

0 4' 8' 16'

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FLOOR PLAN - AREA D - PLUMBING

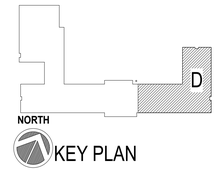
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HEINSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

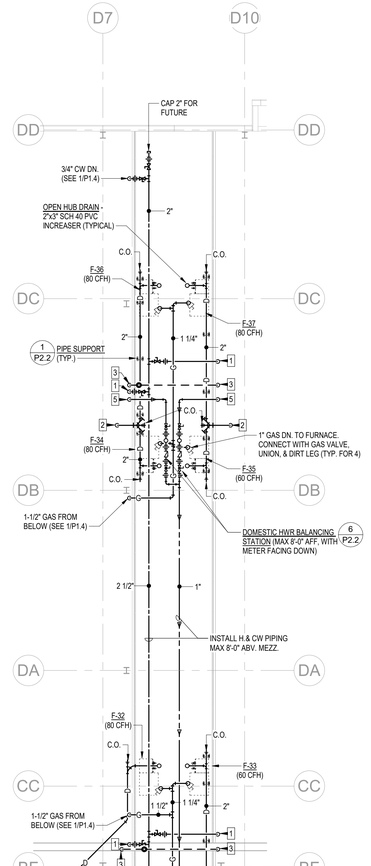
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7612
RANDALL M. RAGSDALE

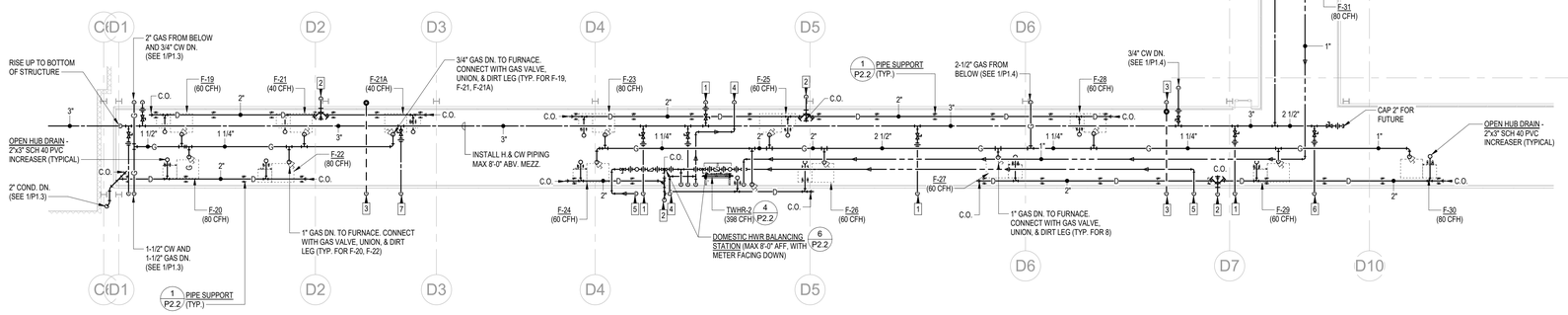
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: KS
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P1.4



KEY PLAN





KEYED NOTES:

1. 2" CW DN. (SEE 1/P1.4)
2. 2" COND. DN. (SEE 1/P1.4)
3. 3" VENT FROM BELOW (SEE 1/P1.4)
4. 1-1/4" HW DN. (SEE 1/P1.4)
5. 3/4" HWR FROM BELOW (SEE 1/P1.4)
6. 1-1/4" CW DN. (SEE 1/P1.4)
7. 1-1/2" CW DN. (SEE 1/P1.4)

NORTH 1 P1.5 MEZZANINE PLAN - AREA D - PLUMBING

1/8" = 1'-0"

0 4' 8' 16'

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MEZZANINE PLAN - AREA D - PLUMBING

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER - ARCHITECT

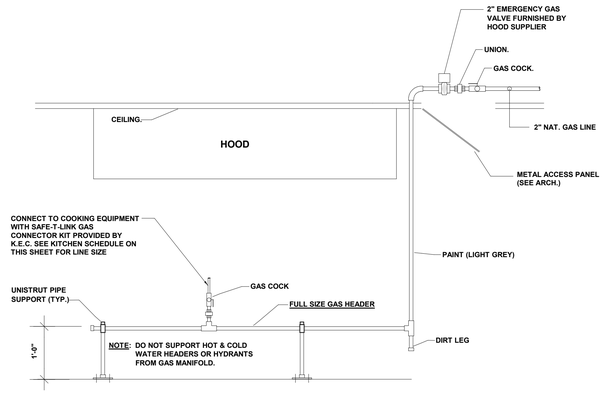
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7612
RANDALL M. BASSHAM

DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: KS
REV:

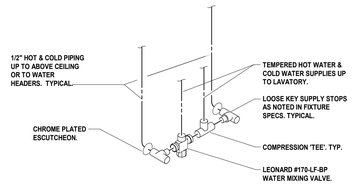
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KEYED NOTES

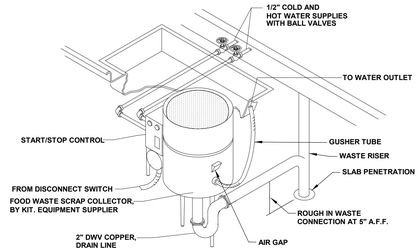
1. FURNISH AND INSTALL 1" TYPE 'K' HARD COPPER DRAIN FROM WALK-IN FREEZERS AND WALK-IN COOLER EVAPORATORS. INSTALL HEAT TAPE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR ON FREEZER DRAIN PIPES. INSULATE ALL TYPE 'K' COPPER DRAINS IN WALK-INS PER THE REFRIGERATION PIPING SPECIFICATIONS. ROUTE ON SLOPE TO FLOOR SINK.
2. 1/2" CW DN. ROUGH-IN McGUIRE 1/2" I.P.S. WHEEL HANDLE STOP WITH 3/8" O.D. COPPER SUPPLY FOR ICE MACHINE AT 48" A.F.F. MAKE FINAL CONNECTION TO ICE MACHINE THRU WALL MOUNTED WATER FILTER PROVIDED BY K.E.C. VERIFY EXACT LOCATION.
3. 3/4" HW DN. CONNECT TO DISH MACHINE WITH BALL VALVE, UNION, PRESSURE REDUCING VALVE (FURNISHED BY K.E.C.) & TEMPERATURE / PRESSURE GAUGE. 3/4" CW DN TO DISH MACHINE FOR DISCHARGE WATER TEMPERING SYSTEM. CONNECT WITH BALL VALVE & UNION.
4. INSTALL LAVATORY WITH TEMPERING VALVE. SEE DETAIL 3/P1.6
5. 1/2" TYPE K COPPER H. & CW LINES BELOW SLAB
6. 1-1/2" SCH.40 PVC COND. RISER. STUB OUT 1" PVC AT 7'-6" AFF FOR CONNECTION TO HVAC CONDENSATE. PROVIDE 1-1/2" AAV ABV. CLG. IN ACCESSIBLE LOCATION.



2 / P1.6 GAS MANIFOLD DETAIL
NOT TO SCALE



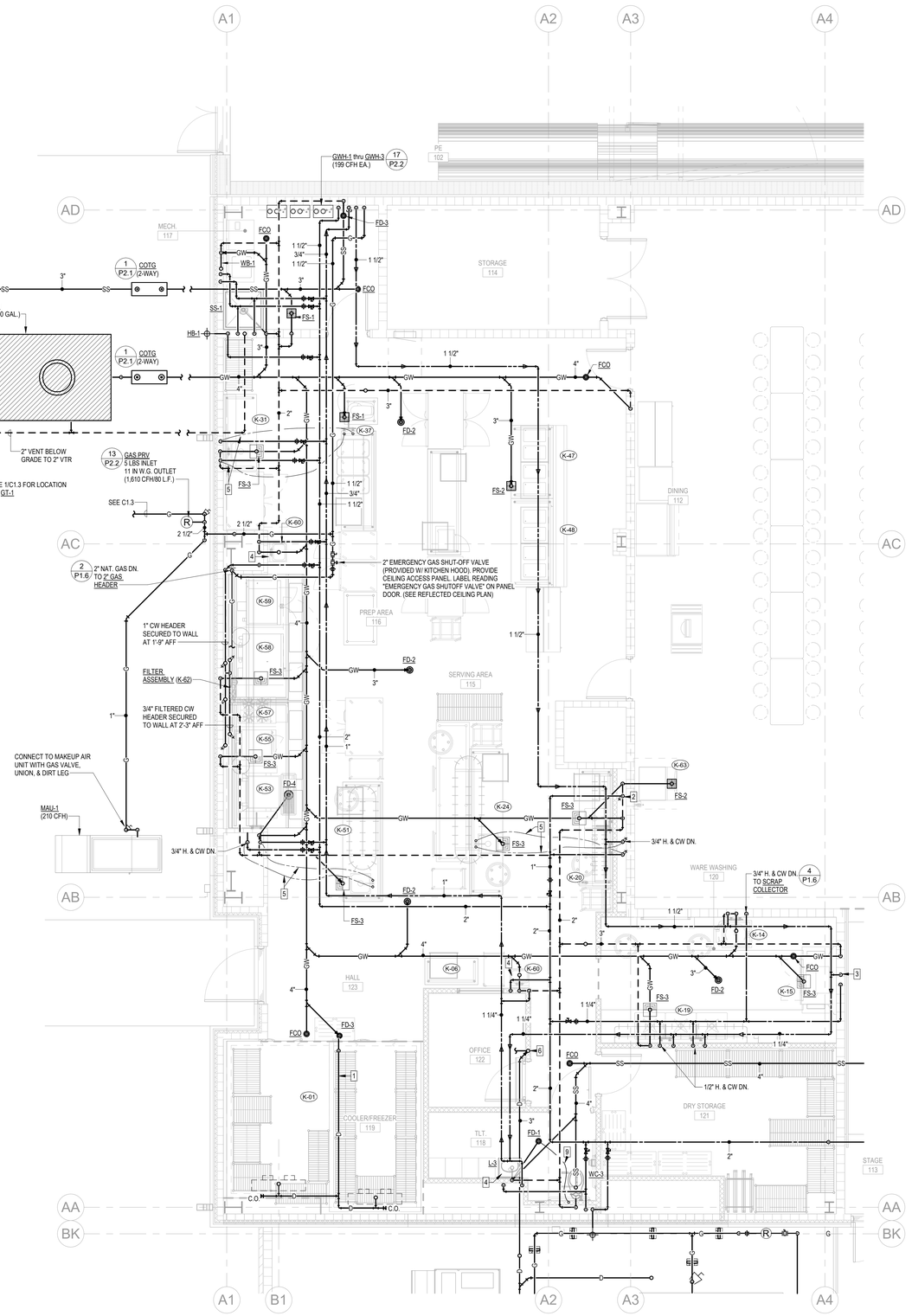
3 / P1.6 TEMPERING VALVE DETAIL
NOT TO SCALE



4 / P1.6 SCRAP COLLECTOR DETAIL
NOT TO SCALE

KITCHEN EQUIPMENT SCHEDULE

K-# MARK	ITEM	DRAIN SIZE	WASTE SIZE	H.W. SIZE	C.W. SIZE	BTUH INPUT	GAS INLET	GAS SIZE	REMARKS
K-01	WALK-IN COOLER/FREEZER	1"	2"	---	---	---	---	---	INSTALL 1" COPPER DRAIN LINE AND ROUTE TO FD-3 - SEE KITCHEN PLAN KEYED NOTES
K-14	SCRAP COLLECTOR W/PRE-RINSE FAUCET	2"	3"	3/4"	3/4"	---	---	---	ROUTE 3/4" HOT & COLD WATER DOWN IN WALL AT PRE-RINSE FAUCET AND INSTALL McGUIRE 1/2" I.P.S. x 1/2" O.D. CHROME PLATED WHEEL HANDLE STOPS AND CONNECT TO FAUCET WITH 1/2" COPPER. INSTALL 1/2" HOT & COLD WATER LINES FROM PRE-RINSE DROP TO SCRAP COLLECTOR WATER INLETS AND CONNECT THRU (2)BALL VALVES & (2)UNIONS. INSTALL 2" DWV COPPER DRAIN LINE WITH 2" DWV COPPER P-TRAP ON SCRAP COLLECTOR OUTLET AND CONNECT TO WASTE RISER. INSTALL IN-LINE CHECK VALVES ON HOT & COLD SUPPLIES TO PRE-RINSE FAUCET UNLESS PROVIDED BY KITCHEN EQUIPMENT SUPPLIER.
K-15	DISHMACHINE w/INTEGRAL BOOSTER HEATER	1-1/2"	3"	3/4"	3/4"	---	---	---	INCLUDES BOOSTER HEATER. INSTALL FS-3 (3" TRAP) UNDER UNIT, INSTALL 2" COPPER DRAIN ON UNIT TAILPIECE AND TURN DOWN INTO FLOOR SINK FS-3. INSTALL 3/4" COPPER HOT WATER LINE TO DISH MACHINE WITH BALL VALVE, UNION, PRESSURE REDUCING VALVE (FURNISHED BY K.E.C.) AND TEMPERATURE/PRESSURE GAUGE AS DIRECTED BY KITCHEN EQUIP. CONT'R. INSTALL 3/4" CW LINE TO DISCHARGE WATER TEMPERING SYSTEM. CONNECT WITH BALL VALVE & UNION. INSTALL T & P VALVE AND DRAIN LINE FROM BOOSTER HTR. TO FLR. SINK.
K-19	3 COMPARTMENT SINK	(3)2"	3"	(2)1/2"	(2)1/2"	---	---	---	ROUTE 1/2" HOT & COLD WATER DOWN TO EACH FAUCET AND INSTALL McGUIRE 1/2" I.P.S. x 1/2" O.D. C.P. WHEEL HANDLE STOPS, CONNECT TO FAUCETS WITH 1/2" COPPER. INSTALL 2" COPPER DRAIN PIPE ON EACH ROTARY DRAIN TAILPIECE, PIPE WASTE TO FS-3.
K-20/31	PREP TABLE W/SINK	2"	3"	1/2"	1/2"	---	---	---	ROUTE 1/2" HOT & COLD WATER DOWN TO FAUCET AND INSTALL McGUIRE 1/2" I.P.S. x 1/2" O.D. C.P. WHEEL HANDLE STOPS, CONNECT TO FAUCET WITH 1/2" COPPER. INSTALL 2" COPPER DRAIN PIPE ON EACH ROTARY DRAIN TAILPIECE, PIPE WASTE TO FS-3.
K-24/51	WORK TABLE W/SINK	2"	3"	1/2"	1/2"	---	---	---	ROUTE 1/2" HOT & COLD WATER BELOW SLAB AND STUB UP UNDER FAUCET. PROVIDE 1/2" BALL VALVES & UNIONS ABV. SLAB AND CONNECT TO FAUCET INLETS WITH 1/2" COPPER. INSTALL 2" COPPER DRAIN PIPE ON ROTARY DRAIN TAILPIECE, PIPE WASTE TO FS-3.
K-37	FILL FAUCET AT MIXER	---	---	1/2"	1/2"	---	---	---	ROUTE 1/2" HOT & COLD WATER BELOW SLAB AND STUB UP UNDER END OF TABLE NEAR FAUCET. PROVIDE 1/2" BALL VALVES & UNIONS ABV. SLAB AND CONNECT TO FAUCET INLETS WITH 1/2" COPPER.
K-47/48	SERVING COUNTER	3/4"	2"	---	---	---	---	---	INSTALL FS-2 (2" TRAP) UNDER COUNTER. INSTALL 3/4" COPPER DRAIN LINE EXTENSION FROM UNIT DRAIN VALVE AS REQUIRED.
K-50	FLOOR TROUGH W/GRATE	3"	3"	---	---	---	---	---	INSTALL FD-4 (3" TRAP" IN RECESS OF FLOOR GRATE. (LOCATE AT BRAISING PAN)
K-53	TILT SKILLET	---	---	---	---	200,000	3/4"	1"	200 CFH INPUT. SEE GAS MANIFOLD DETAIL 2/P1.6.
K-54	FILL FAUCET AT TILT SKILLET	---	---	1/2"	1/2"	---	---	---	ROUTE 3/4" HOT & COLD WATER DN. IN CHASE FOR CONNECTION TO WALL MOUNTED FILL FAUCET. CONNECT TO FAUCET WITH 1/2" COPPER.
K-55	CONVECTION STEAMER	2"	3"	---	(2)1/2"	144,000	3/4"	1"	144 CFH INPUT. SEE GAS MANIFOLD DETAIL. ROUTE 2 INSULATED AND VALVED 1/2" COLD WATER LINES TO UNIT AND CONNECT TO INLETS - ROUTE 1 LINE THRU CENTRAL FILTER (K-62). CONNECT 2" DWV COPPER DRAIN PIPE TO (2) DRAIN CONNECTIONS AND TURN DOWN INTO FS-3
K-57	4 BURNER RANGE W/OVEN	---	---	---	---	155,000	3/4"	1"	4 RANGE BURNERS @ 30,000 BTUH EA. WITH 35 CFH OVEN. SEE GAS MANIFOLD DETAIL 2/P1.6
K-58	COMBI OVEN	2"	3"	---	(4)3/4"	120,000	3/4"	1"	120 CFH INPUT. SEE GAS MANINFOLD DETAIL 2/P1.6. ROUTE 2 INSULATED AND VALVED 3/4" COLD WATER LINES TO UNIT AND CONNECT TO INLETS. ONE CW SUPPLY FOR TO BE ROUTED THRU WALL MOUNTED WATER FILTER (K-62). CONNECT 2" DWV COPPER DRAIN PIPE TO (2) DRAIN CONNECTIONS AND TURN DOWN INTO FS-3.
K-59	DBL. STACKED CONVECTION OVEN	---	---	---	---	120,000	(2)3/4"	(2)1"	120 CFH INPUT. SEE GAS MANIFOLD DETAIL 2/P1.6
K-60	HAND SINK (2 REQ'D)	1-1/4"	2"	1/2"	1/2"	---	---	---	PROVIDED BY K.E.C., ROUTE 1/2" HOT & COLD WATER DN. IN WALL AND INSTALL MCGUIRE 1/2" IPS x 3/8" OD WHEEL HANDLE STOPS. CONNECT TO FAUCET INLETS WITH 3/8" COPPER. PROVIDE 1-1/4" CAST BRASS P-TRAP. INSTALL TEMPERING VALVE ON H.W. LEONARD #170-LF-BP ASSE 1070.
K-62	WATER FILTRATION SYSTEM	---	---	3/4"	3/4"	---	---	---	MOUNT ON WALL BEHIND COMBI OVEN (K-58) AT 5'-0" AFF. ROUTE 3/4" CW FROM HEADER TO INLET. PROVIDE 3/4" BALL VALVES & UNIONS ON RISERS AT INLET AND OUTLET OF FILTRATION ASSEMBLY. ROUTE 3/4" CW FROM OUTLET TO FILTERED CW HEADER. SECURE 3/4" FILTERED CW HEADER TO WALL AT 2'-3" W/UNISTRUT AND PIPE CLAMPS.
K-63	ICE MACHINE	(3/4")(1/2")	2"	---	1/2"	---	---	---	INSTALL FS-2 (2" TRAP) UNDER UNIT. INSTALL 1/2" COPPER ICE MAKER WATER DRAIN LINE AND 3/4" COPPER BIN DRAIN LINE AND ROUTE UNDER UNIT INTO FLOOR SINK. ROUTE 1/2" COLD WATER DOWN IN WALL AND PROVIDE 1/2" I.P.S. x 3/8" O.D. WHEEL HANDLE ANGLE STOP AT 48" A.F.F. CONNECT TO ICE MACHINE WITH THRU WALL MOUNTED WATER FILTER. SEE KITCHEN PLAN KEYED NOTES



NORTH
1 / P1.6 ENLARGED KITCHEN PLAN - PLUMBING
1/4" = 1'-0"
0 2' 4' 8'

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ENLARGED KITCHEN PLAN - PLUMBING

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER - ARCHITECT

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7612
RANDALL M. BASSHAM

DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: KS
REV:

P1.6

PLUMBING GENERAL NOTES

1. CONTRACTOR TO FURNISH AND INSTALL:
   a. SHUT-OFF VALVES ON ALL WATER AND GAS LINES PER SPECIFICATIONS.
   b. SHOCK ABSORBERS FOR SNAP-ACTION VALVES.
   c. ALL VALVES, TRIM AND TRAPS NECESSARY TO CONNECT OUTLETS PROPERLY.
2. CONTRACTOR TO INSURE THAT ALL LINES ARE FLUSHED FREE OF FOREIGN MATTER BEFORE MAKING FINAL CONNECTIONS.
3. ALL PIPES AND RELATED ROUGH-IN MATERIAL ARE TO BE RUN UNEXPOSED UNDER FLOORS, IN WALLS AND ABOVE FINISHED CEILINGS WHERE POSSIBLE UNLESS NOTED OTHERWISE IN SPECIFICATIONS OR DRAWINGS.
4. ROUGH-IN FOR FLUSH VALVES SHALL BE ON THE RIGHT-HAND SIDE OF THE FIXTURE (ALL BARRIER-FREE WATER CLOSETS SHALL BE ROUGHED-IN FOR FLUSH VALVE HANDLE OR TANK TRIP LEVER ON LAVATORY SIDE OR FOR HANDLE OR TRIP LEVER OPPOSITE SIDE WALL WITH GRAB BAR, AS APPLIES). ROUGH-IN FOR LAVATORIES AND SINKS SHALL BE ON THE RIGHT FOR COLD AND THE LEFT FOR HOT.
   NOTE: INSTALL FLUSH VALVES PLUMB IN BOTH DIRECTIONS WITH ESCUTCHEONS SECURE AND TIGHT TO WALL.
5. ALL WATER PIPING INSTALLED IN THE ATTIC SPACE SHALL BE ROUTED BELOW LAY-IN CEILING INSULATION. IN AREAS WHERE CEILING INSULATION IS NOT INSTALLED THE MAXIMUM HEIGHT FOR WATER LINES SHALL BE 1'-0" ABOVE FINISH CEILING.
6. COORDINATE ALL VENTS THROUGH ROOF WITH ROOFING CONTRACTOR.
7. PROVIDE DIRT LEG, GAS COCK AND UNION AT ALL FINAL CONNECTIONS TO EQUIPMENT. 3/4" MINIMUM SIZE UNO.
8. WHERE SEMI-RIGID GAS CONNECTORS ARE USED TO SERVE HVAC EQUIPMENT, THE PIPING ENTERING THE UNIT SHALL BE SCH 40 STEEL PIPE. A RUBBER GROMMET SHALL BE INSTALLED IN THE APPLIANCE KNOCK-OUT OPENING.
9. DUE TO THE SMALL SCALE OF THESE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.
10. CONTRACTOR SHALL FIRESTOP PER SPECIFICATIONS ALL GAS, WATER, SOIL AND VENT PIPING THAT PENETRATE ANY RATED WALLS. VERIFY FIRE RATED WALL LOCATIONS WITH ARCHITECTURAL PLANS.
11. CONTRACTOR SHALL COORDINATE WITH ELEC. CONTRACTOR AND AVOID ANY WATER LINE INSTALLATION ABOVE ELECTRIC GEAR AND/OR APPARATUS.
12. PROVIDE VALVE IDENTIFICATION LEGENDS PER PLANS AND SPECIFICATIONS.
13. MAINTAIN 10'-0" CLEARANCE FROM FRESH AIR INTAKES (SEE HVAC PLANS) FOR VENTS THRU ROOF AS REQUIRED.
14. CONTRACTOR SHALL ENDEAVOR TO INSTALL BELOW SLAB SANITARY AND ACID WASTE PIPING (WHERE APPLICABLE) BELOW THE BOTTOM OF FOOTINGS, GRADE BEAMS, ETC. SLEEVE ALL LINES INSTALLED THRU FOOTINGS, STEM WALLS AND GRADE BEAMS. COORDINATE WITH STRUCTURAL ENGINEER FOR PREFERRED LOCATIONS.
15. AT CHASES INSTALL FULL SIZE COLD WATER HEADERS WITH FULL SIZE AIR CHAMBERS. SEE PLANS FOR SIZES AND AIR CHAMBER LOCATIONS.
16. SLEEVE AND FOAM SEAL ALL GAS LINE PENETRATIONS THRU EXTERIOR WALLS. TRIM OFF EXCESS FOAM SEALANT AND PAINT TO MATCH BUILDING BRICK OR EXTERIOR FINISH.
17. PAINT ALL EXPOSED SANITARY SEWER, VENT, WATER AND GAS PIPING, INTERIOR AND EXTERIOR.
18. WHERE PIPES PENETRATE CEILING IN FINISHED SPACES THE CONTRACTOR SHALL COORDINATE WITH CEILING INSTALLER AND PROVIDE PAINTED ESCUTCHEONS SIZED APPROPRIATELY FOR PIPE INSULATION (IF ANY).
19. SLEEVE ALL GAS LINES UNDER CONCRETE WALKS, PADS AND SLABS.
20. CONTRACTOR SHALL PROVIDE PHOTOS OF ALL UNDERGROUND PLUMBING TO ARCHITECT AND OWNER. AS-BUILTS SHALL CLEARLY INDICATE ALL CLEANOUTS.

PLUMBING LEGEND

- DOMESTIC COLD WATER
- DOMESTIC HOT WATER
- HOT WATER WITH ELECTRIC HEAT TRACE
- DOMESTIC HOT WATER RETURN
- CW — COLD WATER BELOW SLAB OR GRADE
- EW — EXISTING WATER
- S — SPRINKLER PIPING INSIDE BUILDING (SECTION 21 13 00)
- F — SPRINKLER PIPING BELOW GRADE (SECTION 21 13 00)
- G — NATURAL GAS PIPING
- EG — EXISTING GAS PIPING
- SS — SANITARY SEWER PIPING BELOW SLAB OR GRADE
- ES — EXISTING SEWER PIPING
- GW — GREASE WASTE PIPING BELOW SLAB OR GRADE
- RD — ROOF DRAIN PIPING (ABOVE SLAB)
- SD — STORM DRAIN PIPING (BELOW SLAB)
- TP — TRAP PRIMER LINE BELOW SLAB
- D — CONDENSATE DRAIN PIPING
- SANITARY VENT PIPING
- PRESSURE REDUCING/REGULATING VALVE
- GATE VALVE / BALL VALVE / CHECK VALVE / UNION
- HOSE BIBB (HB) / WATER SHUT-OFF VALVE IN BOX
- R — GAS COCK / GAS REGULATOR
- PIPE SLEEVE THRU RATED WALL OR FOOTING
- CONNECT TO EXISTING
- R / P-1.1 / 1 — RISER DIAGRAM; LOCATION SHEET NUMBER; RISER DIAGRAM NUMBER
- I / P-1 / C.P. — DETAIL (PLAN) REFERENCE NUMBER; LOCATION SHEET NUMBER
- 1 — KEYED NOTE

ABBREVIATIONS

CW	COLD WATER	SIM.	SIMILAR
HW	HOT WATER	HWR	HOT WATER RETURN (RECIRC.)
BV	BALL VALVE	EXIST.	EXISTING
GV	GATE VALVE	MPG	MEDIUM PRESSURE GAS
GC	GAS COCK	F.U.	FIXTURE UNIT
COTG.	CLEANOUT TO GRADE	DWV	DRAIN WASTE AND VENT SYSTEM
ACOTG.	AWS CLEANOUT TO GRADE	CWV	COMBINATION WASTE AND VENT
FCO.	FLOOR CLEANOUT	AWS	ACID WASTE SYSTEM
AFCO.	AWS FLOOR CLEANOUT	FL	FLOWLINE
WCO.	WALL CLEANOUT	INV.	INVERT
VTR	VENT THRU ROOF	AFF.	ABOVE FINISHED FLOOR
AVTR	AWS VENT THRU ROOF	AFG.	ABOVE FINISHED GRADE
UNO	UNLESS NOTED OTHERWISE	CFH	CUBIC FEET PER HOUR
N.I.C.	NOT IN CONTRACT	AAV.	AIR ADMITTANCE VALVE
RD	ROOF DRAIN		

PLUMBING SEISMIC NOTES - ELEMENTARY BUILDING

1. THE PROPOSED SHERIDAN EAST END ELEMENTARY BUILDING IS CLASSIFIED AS SEISMIC DESIGN CATEGORY C AND SEISMIC OCCUPANCY CATEGORY 3 WITH COMPONENT IMPORTANCE FACTOR (Ip) = 1.0. EXCEPT GAS PIPING WHICH IS A COMPONENT IMPORTANCE FACTOR OF (Ip) = 1.5.
2. THE CONTRACTOR SHALL BE FAMILIAR WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC) REFERENCING ASCE 7 CHAPTER 13 SUCH THAT THE SYSTEMS AND THE COMPONENTS ARE INSTALLED TO COMPLY.
   A. PIPING SUPPORTED BY ROD HANGERS WHICH ARE 12" OR LESS IN LENGTH FROM TOP OF PIPES TO STRUCTURE. THE HANGERS MUST BE RIGID CONSTRUCTION WHICH WILL NOT BE SUBJECT TO BENDING.
   B. PIPING WHICH IS 3" OR LESS THAT CAN TOLERATE SUBSTANTIAL PERMANENT DEFORMATION AND STILL PERFORM IT'S FUNCTIONS SUCH AS WELDED STEEL, COPPER AND FLEX PIPING.
   C. COMPONENTS SUPPORTED BY CHAINS OR SIMILARLY SUSPENDED FROM ABOVE ARE NOT REQUIRED TO MEET THE LATERAL SEISMIC FORCE REQUIREMENTS AND SEISMIC RELATIVE DISPLACEMENT REQUIREMENTS PROVIDED THAT THEY CANNOT BE DAMAGED OR CANNOT DAMAGE ANY OTHER COMPONENT WHEN SUBJECTED TO SEISMIC MOTION AND THEY HAVE DUCTILE OR ARTICULATING CONNECTIONS TO THE STRUCTURE AT THE POINT OF ATTACHMENT. THE GRAVITY DESIGN LOAD FOR THESE ITEMS SHALL BE THREE TIMES THEIR OPERATING LOAD.
3. WATER HEATERS SHALL BE SUPPORTED AS INDICATED ON THE DRAWINGS.
4. PROVIDE FLEXIBLE GAS CONNECTORS FOR FINAL CONNECTIONS TO ALL GAS-FIRED EQUIPMENT. SCH 40 STEEL PIPE SHALL EXTEND INTO EQUIPMENT ENCLOSURE. INSTALL RUBBER GROMMET AT PIPE ENTRANCE OPENING.
5. NATURAL GAS PIPING SHALL BE BRACED AT EACH HANGER TO PREVENT TRANSVERSE AND LONGITUDINAL MOVEMENT. UNISTRUT, PIPING OR ANGLE IRON MAY BE USED FOR BRACING MATERIAL. A "C-CLAMP" HANGER CONNECTOR CAN NOT BE USED FOR GAS PIPING.

EXCEPTIONS:

a. GAS PIPING 2" AND SMALLER WHICH IS PROTECTED FROM IMPACT OF OTHER PIPING OR EQUIPMENT.
b. PIPING SUPPORTED BY ROD HANGERS WHICH ARE 12" OR LESS IN LENGTH FROM TOP OF PIPES TO STRUCTURE. THE HANGERS MUST BE RIGID CONSTRUCTION WHICH WILL NOT BE SUBJECT TO BENDING.

NOTE: "C-CLAMP" CONNECTORS ARE NOT ACCEPTABLE EVEN WITH EXCEPTIONS

PLUMBING SEISMIC NOTES - SAFE ROOM BUILDING

1. THE PROPOSED SAFE ROOM BUILDING AT SHERIDAN EAST END ELEMENTARY IS CLASSIFIED AS SEISMIC DESIGN CATEGORY D AND SEISMIC OCCUPANCY CATEGORY 2 WITH COMPONENT IMPORTANCE FACTOR (Ip) = 1.0, EXCEPT GAS PIPING WHICH IS A COMPONENT IMPORTANCE FACTOR OF (Ip) = 1.5.
2. THE CONTRACTOR SHALL BE FAMILIAR WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC) REFERENCING ASCE 7 CHAPTER 13 SUCH THAT THE SYSTEMS AND THE COMPONENTS ARE INSTALLED TO COMPLY.
   A. PIPING SUPPORTED BY ROD HANGERS WHICH ARE 12" OR LESS IN LENGTH FROM TOP OF PIPES TO STRUCTURE. THE HANGERS MUST BE RIGID CONSTRUCTION WHICH WILL NOT BE SUBJECT TO BENDING.
   B. PIPING WHICH IS 3" OR LESS THAT CAN TOLERATE SUBSTANTIAL PERMANENT DEFORMATION AND STILL PERFORM IT'S FUNCTIONS SUCH AS WELDED STEEL, COPPER AND FLEX PIPING.
   C. COMPONENTS SUPPORTED BY CHAINS OR SIMILARLY SUSPENDED FROM ABOVE ARE NOT REQUIRED TO MEET THE LATERAL SEISMIC FORCE REQUIREMENTS AND SEISMIC RELATIVE DISPLACEMENT REQUIREMENTS PROVIDED THAT THEY CANNOT BE DAMAGED OR CANNOT DAMAGE ANY OTHER COMPONENT WHEN SUBJECTED TO SEISMIC MOTION AND THEY HAVE DUCTILE OR ARTICULATING CONNECTIONS TO THE STRUCTURE AT THE POINT OF ATTACHMENT. THE GRAVITY DESIGN LOAD FOR THESE ITEMS SHALL BE THREE TIMES THEIR OPERATING LOAD.
3. WATER HEATERS SHALL BE SUPPORTED AS INDICATED ON THE DRAWINGS.
4. PROVIDE FLEXIBLE GAS CONNECTORS FOR FINAL CONNECTIONS TO ALL GAS-FIRED EQUIPMENT. SCH 40 STEEL PIPE SHALL EXTEND INTO EQUIPMENT ENCLOSURE. INSTALL RUBBER GROMMET AT PIPE ENTRANCE OPENING.
5. NATURAL GAS PIPING SHALL BE BRACED AT EACH HANGER TO PREVENT TRANSVERSE AND LONGITUDINAL MOVEMENT. UNISTRUT, PIPING OR ANGLE IRON MAY BE USED FOR BRACING MATERIAL. A "C-CLAMP" HANGER CONNECTOR CAN NOT BE USED FOR GAS PIPING.

EXCEPTIONS:

a. GAS PIPING 1" AND SMALLER WHICH IS PROTECTED FROM IMPACT OF OTHER PIPING OR EQUIPMENT.
b. PIPING SUPPORTED BY ROD HANGERS WHICH ARE 12" OR LESS IN LENGTH FROM TOP OF PIPES TO STRUCTURE. THE HANGERS MUST BE RIGID CONSTRUCTION WHICH WILL NOT BE SUBJECT TO BENDING.

NOTE: "C-CLAMP" CONNECTORS ARE NOT ACCEPTABLE EVEN WITH EXCEPTIONS

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE	H.W.	C.W.	REMARKS
WC-1	WATER CLOSET	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE
WC-1a	WATER CLOSET	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE, TRAP PRIMER
WC-2	WATER CLOSET, BARRIER FREE	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE
WC-2a	WATER CLOSET, BARRIER FREE	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE, TRAP PRIMER
WC-3	WATER CLOSET, BARRIER FREE	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE, TRAP PRIMER
U-1	URINAL, BARRIER FREE	2"	---	3/4"	17" AFF TOP OF RIM, SENSOR FLUSH VALVE
L-1	LAVATORY, BARRIER FREE	2"	1/2"	1/2"	OVAL, COUNTER MOUNTED WITH TEMPERING VALVE
L-2	LAVATORY, BARRIER FREE	2"	1/2"	1/2"	WALL MOUNTED, PROVIDE WITH TEMPERING VALVE, 31" AFF TOP OF APRON.
L-3	LAVATORY, BARRIER FREE	2"	1/2"	1/2"	WALL MOUNTED, PROVIDE WITH TEMPERING VALVE, 34" AFF TOP OF APRON.
SS-1	SERVICE SINK, CORNER STYLE MOP BASIN	3"	3/4"	3/4"	FLOOR MOUNTED, 36" x 36" x 12" FULLY SQUARE TYPE.
SH-1	SHOWER, BARRIER FREE	2"	1/2"	1/2"	WITH HAND-HELD SHOWER, SLIDE BAR 36" AFF.
S-1	SINK, BARRIER FREE	2"	1/2"	1/2"	1 COMPARTMENT, REAR OUTLET, 6-1/2" DEEP
S-2	SINK, SICK ROOM	2"	1/2"	1/2"	1 COMP., CENTER OUTLET, 10-1/2" DEEP W/HAND SPRAY
S-3	SINK, ART ROOM	2"	1/2"	1/2"	1 COMPARTMENT, 10-1/8" DEEP. PIPE WASTE THRU PT-1
S-4	SINK, ART ROOM, BARRIER FREE	2"	1/2"	1/2"	1 COMPARTMENT, 6-12" DEEP. PIPE WASTE THRU PT-1
PT-1	PLASTER TRAP	1-1/2"	---	---	ALLOW SPACE FOR BASKET REMOVAL
FD-1	FLOOR DRAIN, 2" DEEP-SEAL P-TRAP	2"	---	---	6" NICKEL BRONZE STRAINER, W/TRAP PRIMER
FD-2	FLOOR DRAIN, 2" DEEP-SEAL P-TRAP	2"	---	---	6" NICKEL BRONZE STRAINER, W/TRAP GUARD DEVICE
FD-3	FLOOR DRAIN, 2" DEEP-SEAL P-TRAP	2"	---	---	5" N.B.RECESSED STRAINER, W/TRAP GUARD DEVICE
FD-4	FLOOR DRAIN, 3" DEEP-SEAL P-TRAP	3"	---	---	6" NICKEL BRONZE STRAINER, W/TRAP GUARD DEVICE
FS-1	FLOOR SINK, 2" DEEP-SEAL P-TRAP	2"	---	---	8" x 8", FULL HINGED GRATE
FS-2	FLOOR SINK, 2" DEEP-SEAL P-TRAP	2"	---	---	8" x 8", 3/4 NICKEL BRONZE GRATE
FS-3	FLOOR SINK, 3" DEEP-SEAL P-TRAP	3"	---	---	12" x 12", 1/2 NICKEL BRONZE GRATE
RD-1	ROOF DRAIN	---	---	---	SIZE AS INDICATED ON PLANS
HB-1	EXTERIOR HOSE BIBB	---	---	3/4"	18" ABOVE FINISH GRADE (AFG.)
HB-2	INTERIOR HOSE BIBB	---	---	3/4"	RECESSED IN WALL, 12" AFF.
EWC-1	ELECTRIC WATER COOLER	2"	---	1/2"	SPLIT-LEVEL, BARRIER FREE W/BOTTLE FILLER
RPZ-1	REDUCED PRESSURE BACKFLOW PREVENTER	---	---	3"	INSTALL 36" AFF., PIPE DRAIN FROM AIR GAP TO BLDG. EXTERIOR
RPZ-2	REDUCED PRESSURE BACKFLOW PREVENTER	---	---	2"	INSTALL 36" AFF., PIPE DRAIN FROM AIR GAP TO BLDG. EXTERIOR
WB-1	WASHER OUTLET BOX	---	1/2"	1/2"	42" AFF RECESSED IN WALL UNO
IM-1	ICE MAKER OUTLET BOX	---	---	1/2"	RECESSED, 48" AFF
GWH-1 thru GWH-3	GAS-FIRED TANKLESS WATER HEATER	---	3/4"	3/4"	WALL MTD., 36" AFF., CONDENSING TYPE, 199,000 BTUH
TWHR-1 & TWHR-2	TANKLESS WATER HEATER RACK SYSTEM	---	1-1/4"	1-1/4"	FREE STANDING RACK SYSTEM WITH 2 HEATERS, 398,000 BTUH
EWH-1	ELECTRIC WATER HEATER	---	3/4"	3/4"	208 V, 4.5 KW, 30 GALLON CAPACITY
ET-1	EXPANSION TANK	---	---	---	2.3 GALLON ACCEPTANCE
CP-1	CIRCULATOR PUMP	---	---	---	3 GPM @ 30 FT.

NOTES:

1. **THE PLUMBING CONTRACTOR SHALL REVIEW SECTION 1.3 OF THE PLUMBING SPECIFICATIONS AND MAKE SHOP DRAWING SUBMITTALS ACCORDINGLY. SUBMITTAL BROCHURES CONTAINING DATA ON PLUMBING FIXTURES AND THEIR ACCESSORIES ONLY SHALL NOT BE APPROVED.**
2. **URINALS AS SPECIFIED SHALL HAVE INTEGRAL FLUSHING RIM. KOHLER 'FRESHMAN' AND SLOAN SU-1006 URINALS SHALL BE CONSIDERED EQUAL TO AMERICAN STANDARD 'ALLBROOK'.**
3. **ALL WATER HEATERS, STORAGE TANKS, ETC. SHALL HAVE BRASS DRAIN VALVES. PLASTIC DRAIN VALVES SHALL NOT BE APPROVED.**
4. **ALL VITREOUS CHINA FIXTURES SHALL BE OF THE SAME MANUFACTURER. TYPICAL FOR FAUCETS, STOPS, TRAPS, PUMPS, ETC. UNLESS SPECIFIED OTHERWISE.**
5. **REVIEW KITCHEN EQUIPMENT CONNECTION SCHEDULE ON SHEET P1.6 AND INCLUDE ITEMS REQUIRED FOR MAKING CONNECTIONS TO KITCHEN EQUIPMENT IN SUBMITTAL.**
6. **WHERE UNDER-COUNTER PROTECTIVE SHIELD IS PROVIDED BY GENERAL CONTRACTOR THE INSULATION ON THE P-TRAP AND SUPPLY STOPS AT BARRIER FREE LAVATORIES AND SINKS MAY BE OMITTED. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.**
7. **ELECTRIC WATER COOLERS SHALL BE ROUGHED-IN AS CLOSE AS PRACTICAL TO RECOMMENDED STANDARD AND BARRIER FREE MOUNTING HEIGHTS. DUE TO FIXTURE CONSTRUCTION AND PHYSICAL LIMITATIONS BETWEEN BOTTOM OF FIXTURE AND FINISH FLOOR THE MOUNTING HEIGHTS GIVEN SHALL APPLY.**

TYPICAL PLUMBING SPECIFICATIONS

WC-1 WATER CLOSET - AMERICAN STANDARD "MADERA YOUTH" #2599.001 1.6GPF SIPHON JET, ELONGATED BOWL, 1-1/2" TOP SPUD, BOLT CAPS, CHURCH #9400SSC SEAT WITH CHECK HINGE, SELF-SUSTAIN FEATURE AND STAINLESS STEEL HINGE POSTS, ZURN ZER6000PL-MOB AQUAFLUSH PLUS, 1.6 GPF BATTERY-OPERATED SIDE SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE BUTTON. TOP OF RIM AT 14-1/4" AFF. TOTAL HEIGHT IS 15-1/2" AFF. WITH SEAT (RECOMMENDED STANDARD MOUNTING HEIGHT FOR GRADES 'K' THRU '12' AND THRU ADULT).

WC-1a WATER CLOSET - SAME AS WC-1 EXCEPT WITH TP-1 #P6000-TPO VACUUM BREAKER TRAP PRIMER ACCESSORY TO THE FLUSH VALVE. (SEE PLUMBING DRAWINGS FOR ROUTING OF WATER SUPPLY TO FLOOR DRAIN TRAP).

WC-2 WATER CLOSET (BARRIER FREE) - AMERICAN STANDARD "MADERA YOUTH" #2599.001 1.6GPF SIPHON JET, ELONGATED BOWL, 1-1/2" TOP SPUD, BOLT CAPS, CHURCH #9400SSC SEAT WITH CHECK HINGE, SELF-SUSTAIN FEATURE AND STAINLESS STEEL HINGE POSTS, ZURN ZER6000PL-MOB AQUAFLUSH PLUS, 1.6 GPF BATTERY-OPERATED SIDE SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE BUTTON. TOP OF RIM AT 14-1/4" AFF. TOTAL HEIGHT 15-1/2" AFF WITH SEAT (RECOMMENDED STANDARD MOUNTING HEIGHT FOR GRADES 'K' THRU '12' AND THRU ADULT). NOTE: THIS FIXTURE SHALL BE USED AS THE BARRIER FREE UNIT FOR GRADES 'K' THRU '3' - 15" MOUNTING HEIGHT IS THE RECOMMENDED BARRIER FREE MOUNTING HEIGHT FOR GRADES 'K' THRU '3'.

WC-2a WATER CLOSET - SAME AS WC-2 EXCEPT WITH TP-1 #P6000-TPO VACUUM BREAKER TRAP PRIMER ACCESSORY TO THE FLUSH VALVE. (SEE PLUMBING DRAWINGS FOR ROUTING OF WATER SUPPLY TO FLOOR DRAIN TRAP).

WC-3 WATER CLOSET (BARRIER FREE) - AMERICAN STANDARD "MADERA" #3043.001 1.6GPF SIPHON JET, ELONGATED BOWL, 1-1/2" TOP SPUD, BOLT CAPS, CHURCH #9400SSC SEAT WITH CHECK HINGE, SELF-SUSTAIN FEATURE AND STAINLESS STEEL HINGE POSTS, ZURN ZER6000PL-MOB AQUAFLUSH PLUS, 1.6 GPF BATTERY-OPERATED SIDE SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE BUTTON WITH TP-1 #P6000-TPO VACUUM BREAKER TRAP PRIMER ACCESSORY TO THE FLUSH VALVE. TOP OF RIM AT 16-1/2" AFF. TOTAL HEIGHT IS 17-3/4" AFF. WITH SEAT

U-1 URINAL, BARRIER FREE - AMERICAN STANDARD "WASHBROOK" 6590.001 1.0GPF WASHOUT, 2" IPS OUTLET, 3/4" TOP SPUD, WALL HANGER WITH WALL BOLTS & BOLT CAPS, ZURN ZER6003PL-MOB AQUA-SENSE BATTERY-OPERATED SIDE SENSOR FLUSH VALVE MOUNT LIP AT 17" AFF. (RECOMMENDED BARRIER FREE MOUNTING HEIGHT FOR GRADES 'K' THRU '12' AND THRU ADULT.)

L-1 LAVATORY, BARRIER FREE - AMERICAN STANDARD "AQUALYN" #0476.020 OVAL BOWL, MCGUIRE #155A CAST BRASS SOLID TOP OPEN GRID SINK STRAINER, MCGUIRE #2165LK 1G"LP.S. x 3/8"O.D. LOOSE KEY STOPS WITH 3/8" O.D. CHROME PLATED RISERS, (NOTE: DO NOT USE FLEXIBLE BRAIDED SUPPLY LINES), T & S #B-2711-AM LAVATORY FAUCET WITH SINGLE LEVER ANTI-MICROBIAL HANDLE AND MCGUIRE #8872 - 1-1/4" 17 GA. CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT. PROTECTIVE UNDER-COUNTER SHIELD SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. VERIFY COUNTER MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS. PROVIDE LEONARD #170-LF-BP ASSE 1070 TEMPERED WATER MIXING VALVE MOUNTED ADJACENT TO SUPPLY STOPS. REFER TO DETAIL ON PLUMBING DRAWINGS.

L-2 LAVATORY, BARRIER FREE - AMERICAN STANDARD "LUCERNE" #0355.012M, 20" X 18" WALL HUNG, MCGUIRE # 155WC OFFSET OPEN GRID DRAIN, #2165LK 1G"LP.S. x 3/8"O.D. LOOSE KEY STOPS WITH 3/8" O.D. C.P. RISERS, (NOTE: DO NOT USE FLEXIBLE BRAIDED SUPPLY LINES), T & S #B-2711-AM LAVATORY FAUCET WITH SINGLE LEVER ANTI-MICROBIAL HANDLE AND MCGUIRE #8872 - 1-1/4" CAST BRASS P-TRAP WITH CLEAN OUT. PROVIDE WABE #W-510-NR LAVATORY CARRIER AT STUD WALLS. TOP OF SINK APRON AT 31" AFF. PROVIDE LEONARD #170-LF-BP ASSE 1070 TEMPERED WATER MIXING VALVE MOUNTED ADJACENT TO SUPPLY STOPS. REFER TO DETAIL ON PLUMBING DRAWINGS.

L-3 LAVATORY, BARRIER FREE - AMERICAN STANDARD "LUCERNE" #0355.012M, 20" X 18" WALL HUNG, MCGUIRE # 155WC OFFSET OPEN GRID DRAIN, #2165LK 1G"LP.S. x 3/8"O.D. LOOSE KEY STOPS WITH 3/8" O.D. C.P. RISERS, (NOTE: DO NOT USE FLEXIBLE BRAIDED SUPPLY LINES), T & S #B-2711-AM LAVATORY FAUCET WITH SINGLE LEVER ANTI-MICROBIAL HANDLE AND MCGUIRE #8872 - 1-1/4" CAST BRASS P-TRAP WITH CLEAN OUT. PROVIDE WABE #W-510-NR LAVATORY CARRIER AT STUD WALLS. TOP OF SINK APRON AT 34" AFF. PROVIDE LEONARD #170-LF-BP ASSE 1070 TEMPERED WATER MIXING VALVE MOUNTED ADJACENT TO SUPPLY STOPS. REFER TO DETAIL ON PLUMBING DRAWINGS.

SS-1 SERVICE SINK - FLOOR MOUNTED - FIAT #TSB600 36" X 36" X 12"H, WITH T & S #B-0665 SERVICE SINK FAUCET WITH LEVER HANDLES AND BUILT IN SCREWDRIVER STOPS, FIAT #1239-BB GUARD, #889-CC MOP HANGER WITH #832-AA HOSE AND BRACKET, #MSG3636 WALL GUARDS FOR CORNER INSTALLATION AND #QDC QUICK DRAIN CONNECTOR. INSTALL FAUCET AT 36" AFF.

SH-1 SHOWER BARRIER FREE - LEONARD 4500-D2L-C-10-2S-501P(G) PRESSURE BALANCED SHOWER VALVE WITH SINGLE LEVER HANDLE WITH BUILT-IN SHUTOFF, ADJUSTABLE HIGH TEMPERATURE LIMIT STOP, POLISHED CHROME CAST WALL FLANGE AND ANGLE CHECKSTOPS WITH #D-2L IN-LINE DIVERTER VALVE WITH LEVER HANDLE WITH #C-10-2S BRASS SHOWER HEAD WITH BALL JOINT CONNECTION, ARM AND FLANGE. WITH #501P(G) ADA HAND SPRAY WITH NON-POSITIVE PUSH BUTTON SHUTOFF AND 60" BRAIDED STAINLESS STEEL HOSE. SEE DETAIL FOR ROUGH-IN HEIGHTS

S-1 SINK, BARRIER FREE - JUST #SL-ADA-1921-A6S-J 19-1/2" x 22" x 6-1/2", SINGLE COMPARTMENT, REAR OUTLET, 18 GAUGE TYPE 304 (18-8) NICKEL BEARING STAINLESS STEEL, #J-ADA-3S DRAIN STRAINER WITH 1-1/2" O.D. OFFSET TAILPIECE AND STAINLESS STEEL CRUMB CUP, T & S #B-2851 SINK FAUCET WITH #B-0199 AERATOR, 5-1/2" SWIVEL GOOSENECK SPOUT AND LEVER HANDLES, MCGUIRE #2165LK LOOSE KEY STOPS WITH 3/8" O.D. CHROME PLATED RIGID RISERS. INSULATE WASTE AND SUPPLIES AS NOTED ABOVE. VERIFY COUNTER MOUNTING HEIGHT WITH ARCHITECTURAL.

S-2 SINK, SICK ROOM - JUST #SLX-1921-A-J, 19" x 22" x 10-1/8" SIZE, SINGLE COMPARTMENT, CENTER SINK OUTLET, 18 GAUGE TYPE 304 (18-8) NICKEL BEARING STAINLESS STEEL, #J-3S DRAIN STRAINER WITH 1-1/2" O.D. TAILPIECE AND STAINLESS STEEL CRUMB CUP, T & S #B-2730-3H SINGLE LEVER DECK MOUNT SINK FAUCET (8" CENTERS) WITH HAND SPRAY, AND 9" SWING SPOUT, AERATOR AND CHROME FINISH WITH MCGUIRE #2165LK LOOSE KEY STOPS WITH 3/8" O.D. CHROME PLATED RIGID RISERS AND #8912 - 1-1/2" CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT , VERIFY COUNTER MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.

S-3 SINK, ART ROOM - JUST #SLX-1921-A-J, 19" x 22" x 10-1/8" SIZE, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 (18-8) NICKEL BEARING STAINLESS STEEL, #J-3S DRAIN STRAINER AND TAILPIECE, WITH T & S #B-2851 SINK FAUCET WITH LEVER HANDLES, #B-0199 AERATOR, 5-1/2" SWIVEL GOOSENECK SPOUT, MCGUIRE #2165 LK LOOSE KEY STOPS WITH 3/8" O.D. RIGID RISERS AND 1-1/2" IPS x 1-1/2" SLIP JOINT INLET. VERIFY COUNTER MOUNTING HEIGHT WITH ARCHITECTURAL PLANS. PIPE WASTE THRU PLASTER TRAP PT-1, IN LIEU OF P-TRAP STANDARD.

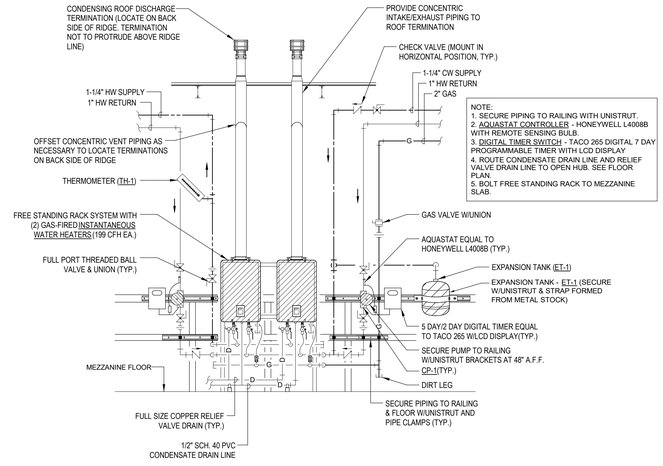
S-4 SINK, ART ROOM, BARRIER FREE - JUST #SL-ADA-1921-A6S-J 19-1/2" x 22" x 6-1/2" SIZE, SINGLE COMPARTMENT, REAR SINK OUTLET, 18 GAUGE TYPE 304 (18-8) NICKEL BEARING STAINLESS STEEL, #J-ADA-3S DRAIN STRAINER WITH 1-1/2" O.D. OFFSET TAILPIECE AND STAINLESS STEEL CRUMB CUP, T & S #B-2851 SINK FAUCET WITH #B-0199 AERATOR, 5-1/2" SWIVEL GOOSENECK SPOUT AND LEVER HANDLES, MCGUIRE #2165LK LOOSE KEY STOPS WITH 3/8" O.D. CHROME PLATED RIGID RISERS. VERIFY COUNTER MOUNTING HEIGHT WITH ARCHITECTURAL. PIPE WASTE THRU PLASTER TRAP PT-1 IN LIEU OF P-TRAP STANDARD.

PT-1 PLASTER TRAP - WADE #5740 - CAST IRON SOLIDS INTERCEPTOR WITH 1-1/2" IPS x 1-1/2" SLIP JOINT INLET, REMOVABLE PERFORATED STAINLESS STEEL BASKET STRAINER AND GAS TIGHT COVER. REFER TO DETAIL.

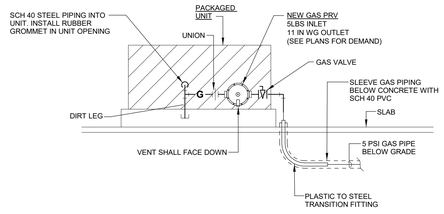
FD-1 FLOOR DRAIN - WADE #W-1100-A6-1-VP 2" TRAP SIZE, CAST IRON FLOOR DRAIN WITH 6" DIAMETER NICKEL BRONZE STRAINER, FLANGE, INTEGRAL REVERSIBLE CLAMPING COLLAR, SEEPAGE OPENINGS, VANDAL PROOF SCREWS, 1/2" PRIMER TAP AND 2" DEEP-SEAL TRAP.

FD-2 FLOOR DRAIN - WADE #W-1100-A6-1-VP 2" TRAP SIZE, CAST IRON FLOOR DRAIN WITH 6" DIAMETER NICKEL BRONZE STRAINER, FLANGE, INTEGRAL REVERSIBLE CLAMPING COLLAR, SEEPAGE OPENINGS, VANDAL-PROOF SCREWS, 3" DEEP-SEAL TRAP. PROVIDE WITH PRO-SET "TRAP GUARD" #TG22-WADE TRAP SEAL PROTECTOR IN LIEU OF TRAP PRIMER.

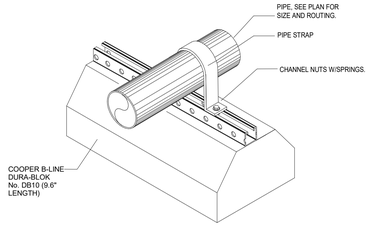
FD-3 FLOOR DRAIN - WADE #W-1100-ER5-1-VP 2" TRAP SIZE, CAST IRON FLOOR DRAIN WITH 6" DIAMETER NICKEL BRONZE STRAINER WITH EXTENDED RIM, FLANGE, INTEGRAL REVERSIBLE CLAMPING COLLAR, SEEPAGE OPENINGS, VANDAL PROOF SCREWS, 1/2" PLUGGED PRIMER TAP, 2" DEEP-SEAL TRAP. IN



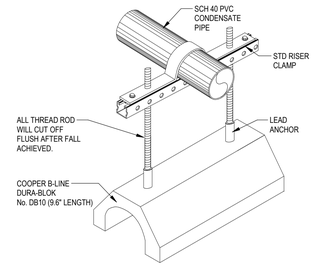
4 P2.2 TANKLESS GAS WATER HEATERS DETAIL (TWHR-1 & TWHR-2)
NOT TO SCALE



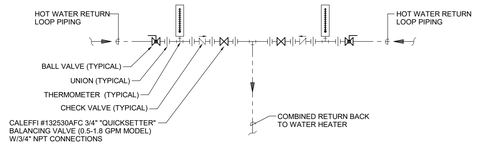
3 P2.2 PACKAGED UNIT GAS CONNECTION DETAIL
NOT TO SCALE



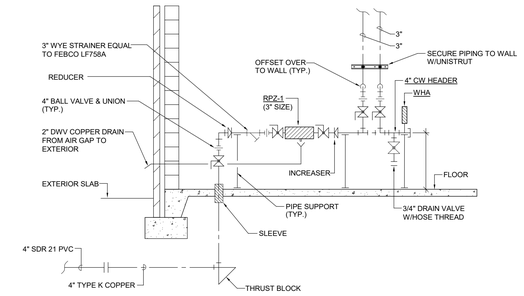
2 P2.2 PIPE SUPPORT DETAIL #2
NOT TO SCALE



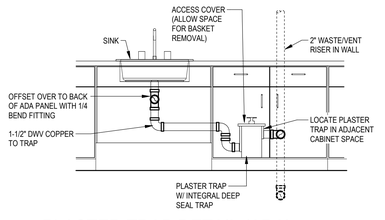
1 P2.2 PIPE SUPPORT DETAIL #1
NOT TO SCALE



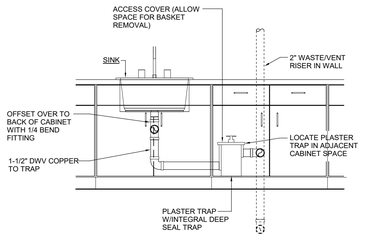
6 P2.2 DOMESTIC HOT WATER RETURN BALANCE STATION DETAIL
NOT TO SCALE



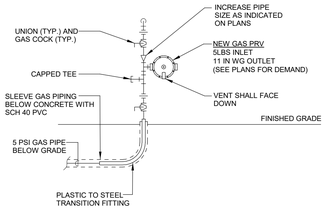
5 P2.2 DOMESTIC WATER ENTRANCE DETAIL (RPZ-1)
NOT TO SCALE



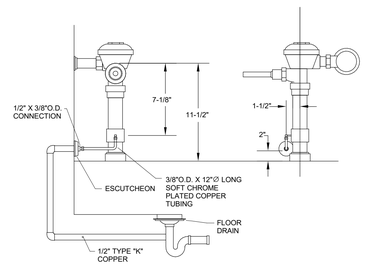
8 P2.2 PLASTER TRAP DETAIL (ADA)
NOT TO SCALE



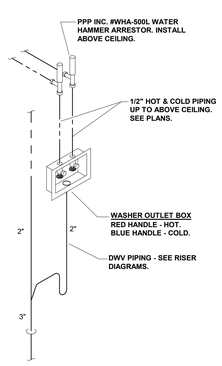
7 P2.2 PLASTER TRAP DETAIL
NOT TO SCALE



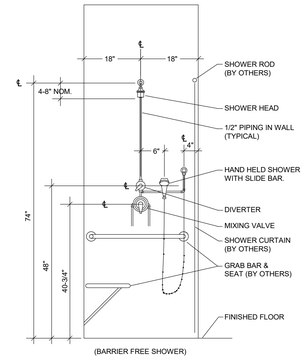
13 P2.2 GAS PRV DETAIL
NOT TO SCALE



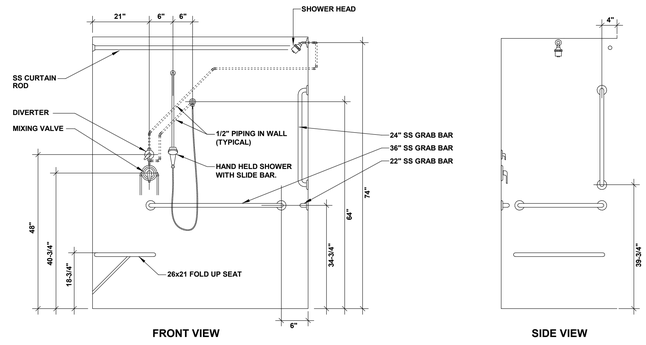
12 P2.2 TRAP PRIMER DETAIL
NOT TO SCALE



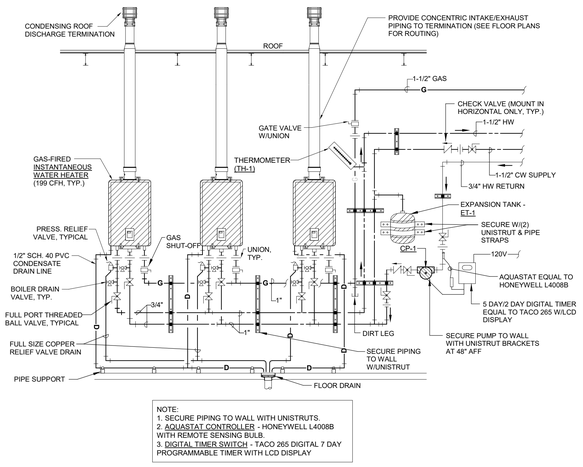
11 P2.2 WASHER BOX DETAIL
NOT TO SCALE



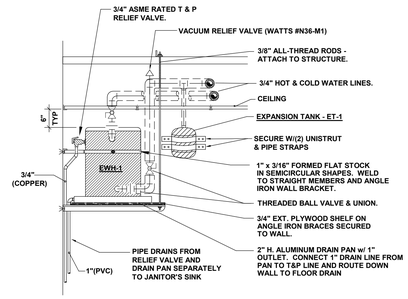
10 P2.2 SHOWER VALVE DETAIL (36"x36")
NOT TO SCALE



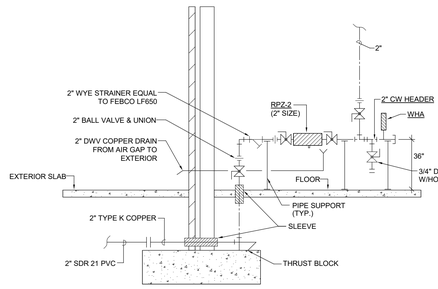
9 P2.2 SHOWER VALVE DETAIL (60"x36")
NOT TO SCALE



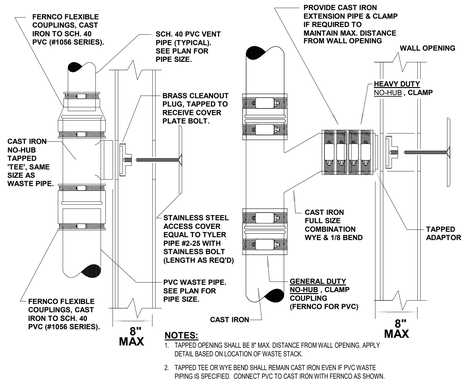
17 P2.2 TANKLESS GAS WATER HEATERS DETAIL (GWH-1 thru GWH-3)
NOT TO SCALE



16 P2.2 ELECTRIC WATER HEATER DETAIL
NOT TO SCALE



15 P2.2 DOMESTIC WATER ENTRANCE DETAIL (RPZ-2)
NOT TO SCALE



14 P2.2 WALL CLEANOUT DETAIL
1/8" = 1'-0"
0 6" 1' 2'

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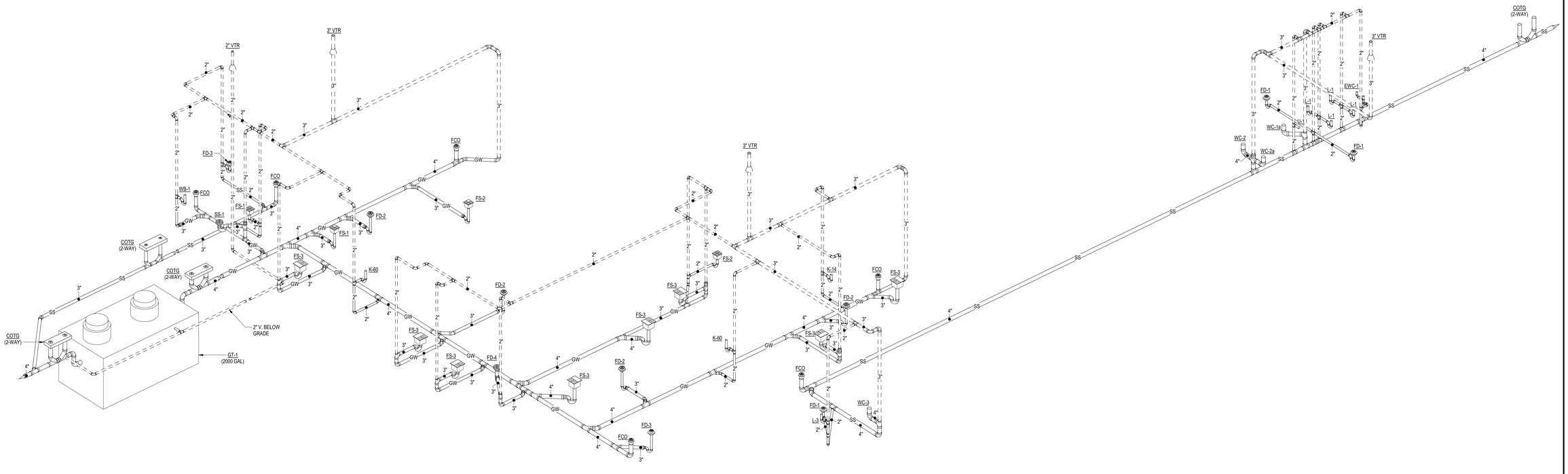
PLUMBING DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

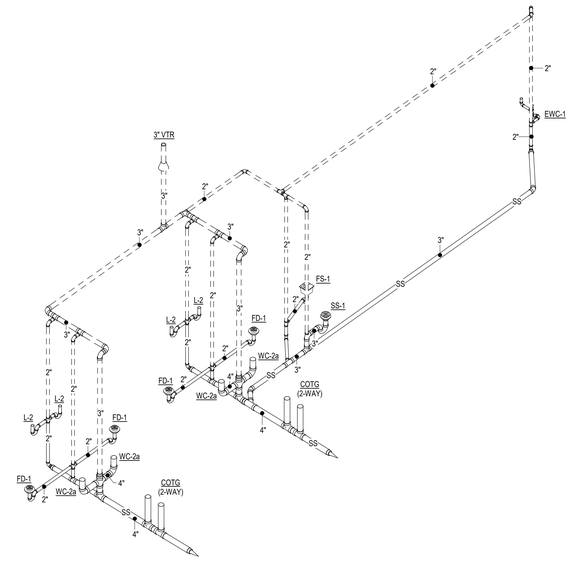
CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7618
RANDALL M. BASSHAM

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: Author
REV:

P2.2
7 OF 10



2 P3.1 SANITARY SEWER/VENT RISER DIAGRAM - KITCHEN



1 P3.1 SANITARY SEWER/VENT RISER DIAGRAM - SAFE ROOM

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PLUMBING RISER DIAGRAMS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

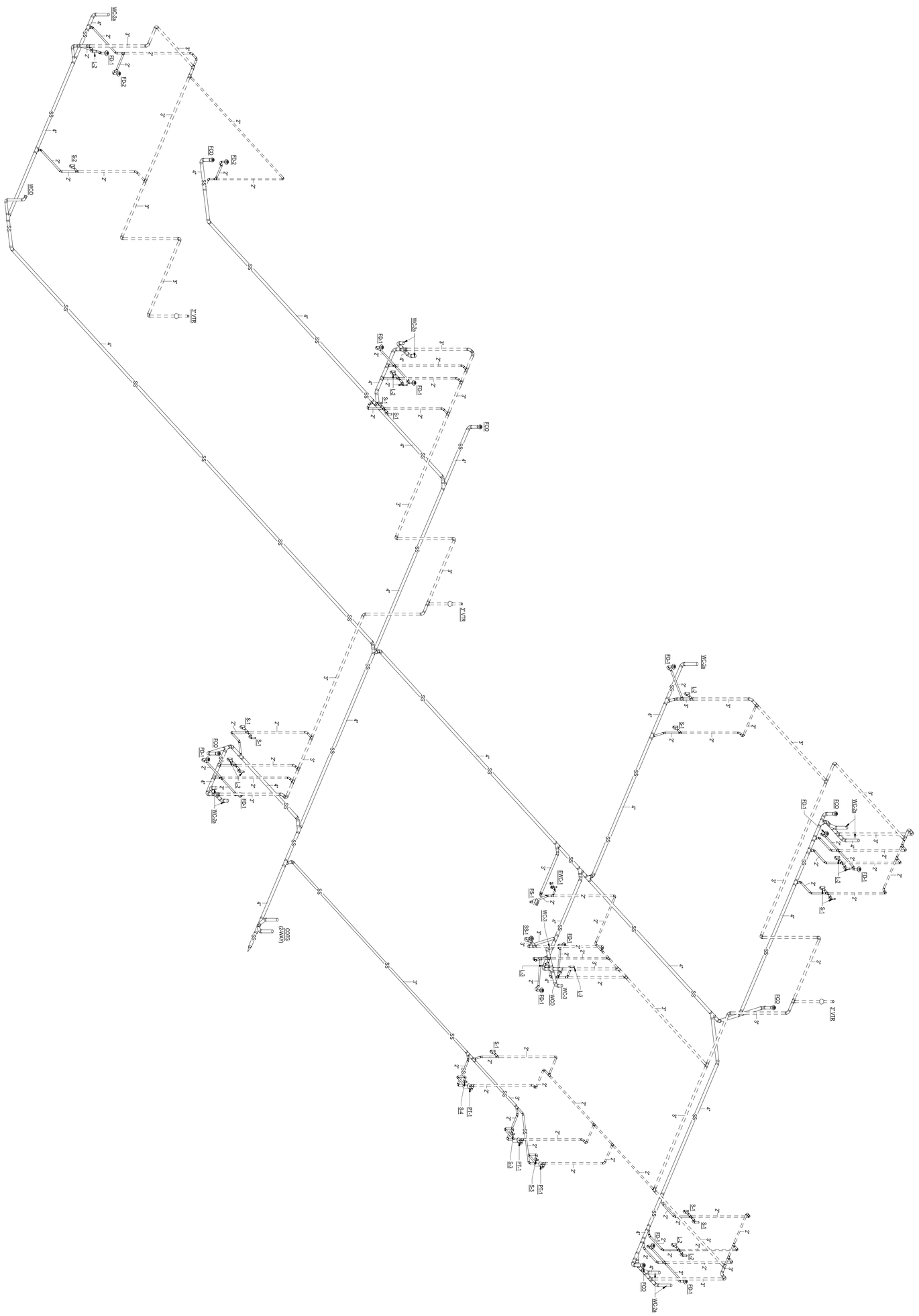
CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7612
RANDALL M. RAGSDALE

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: KS
REV:

P3.1

1
P3.2

SANITARY SEWER/VENT RISER DIAGRAM - AREA B



P3.2
9 OF 10

DATE: 2008-06-18
PROJECT NO: 25053
DRAWN BY: KS
REV:

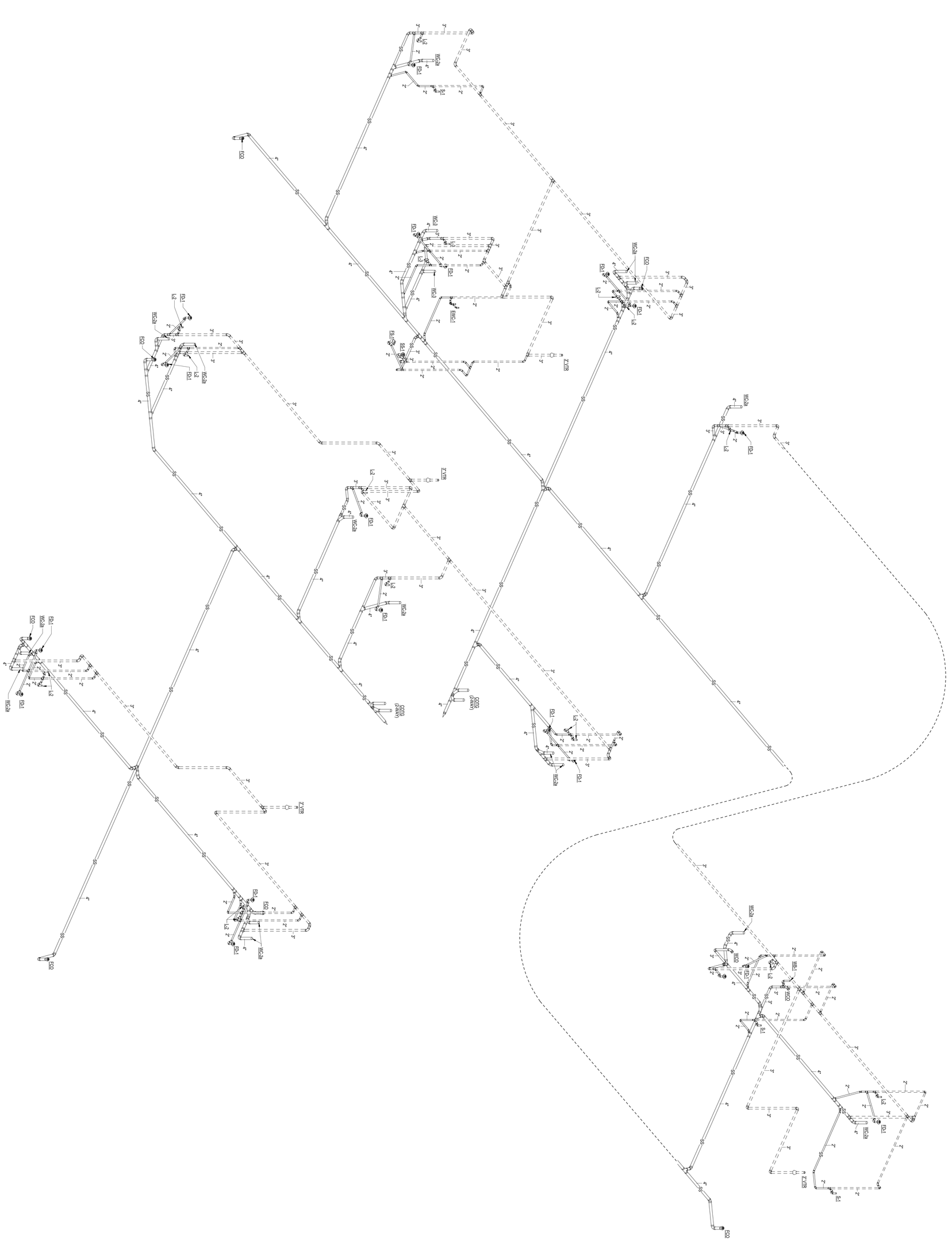
ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 2012
CERTIFICATE OF AUTHORIZATION LEWIS ARCHITECTS ENGINEERS No. 186

EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

PLUMBING RISER DIAGRAMS

LEWIS ARCHITECTS ENGINEERS
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SANITARY SEWER/VENT RISER DIAGRAM - AREA D

P3.3

10 OF 10

DATE:
PROJECT NO: 2026-05-19
DRAWN BY: 25053
REV: KS

ARKANSAS REGISTERED PROFESSIONAL ENGINEER
No. 19761
MICHAEL M. BRASWELL

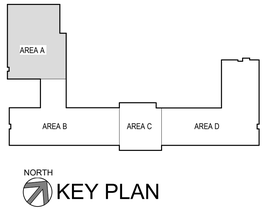
CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 196

EAST END ELEMENTARY

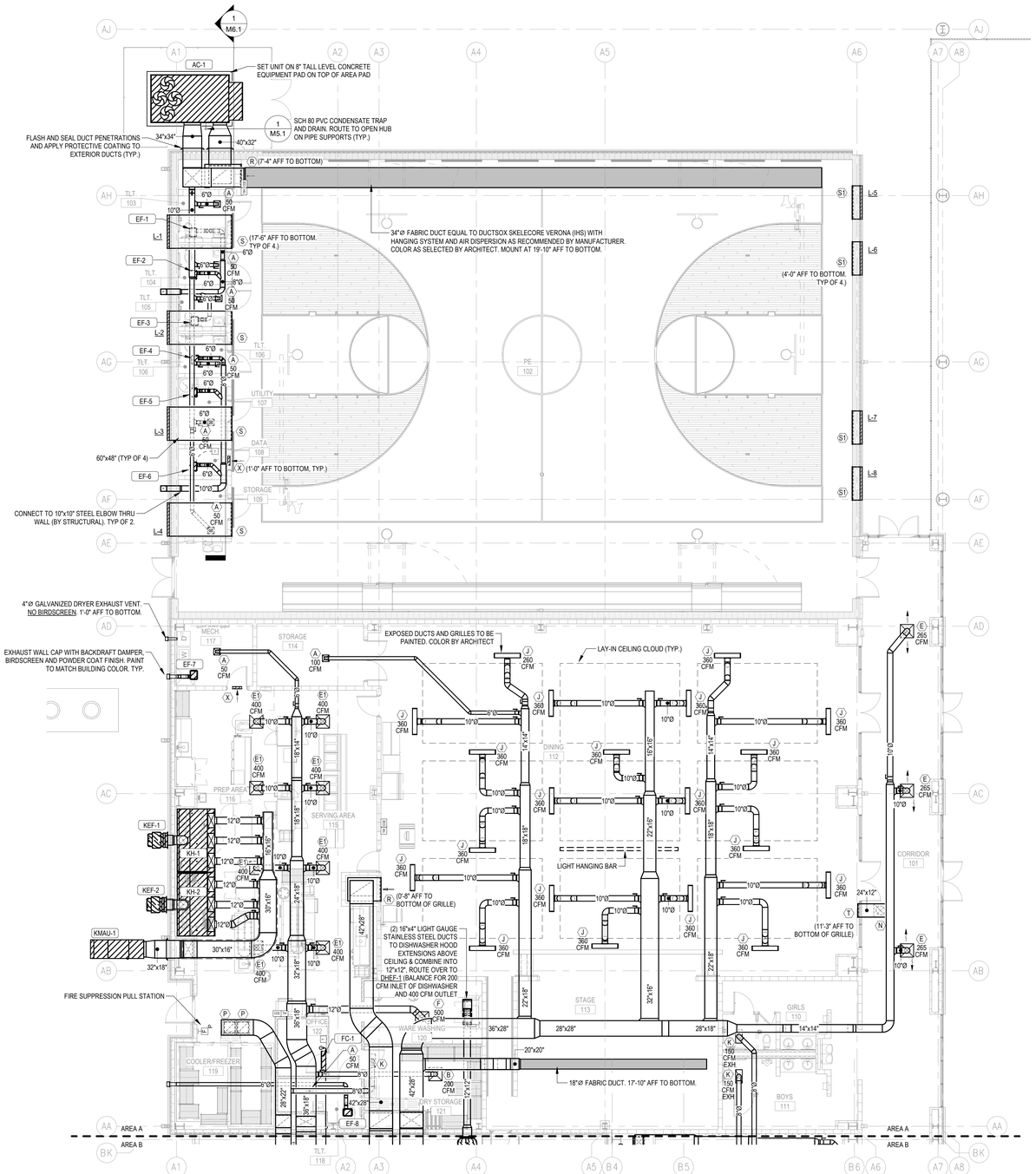
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

PLUMBING RISER DIAGRAMS

LEWIS ARCHITECTS ENGINEERS
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KEY PLAN



NORTH

1 M1.1

FLOOR PLAN - AREA A - HVAC

1/8" = 1'-0"

0 4' 8' 16'

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LEWIS ARCHITECTS ENGINEERS

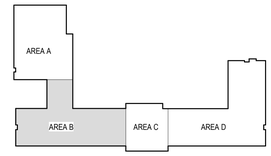
FLOOR PLAN - AREA A - HVAC

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER
ARKANSAS LICENSED PROFESSIONAL ENGINEER
No. 20752
DANIEL ALLISON

DATE: 2026 05-18
PROJECT NO.: 25053
DRAWN BY: DBA
REV:

M1.1



KEY PLAN

LEWIS ARCHITECTS ENGINEERS
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FLOOR PLAN - AREA B - HVAC

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

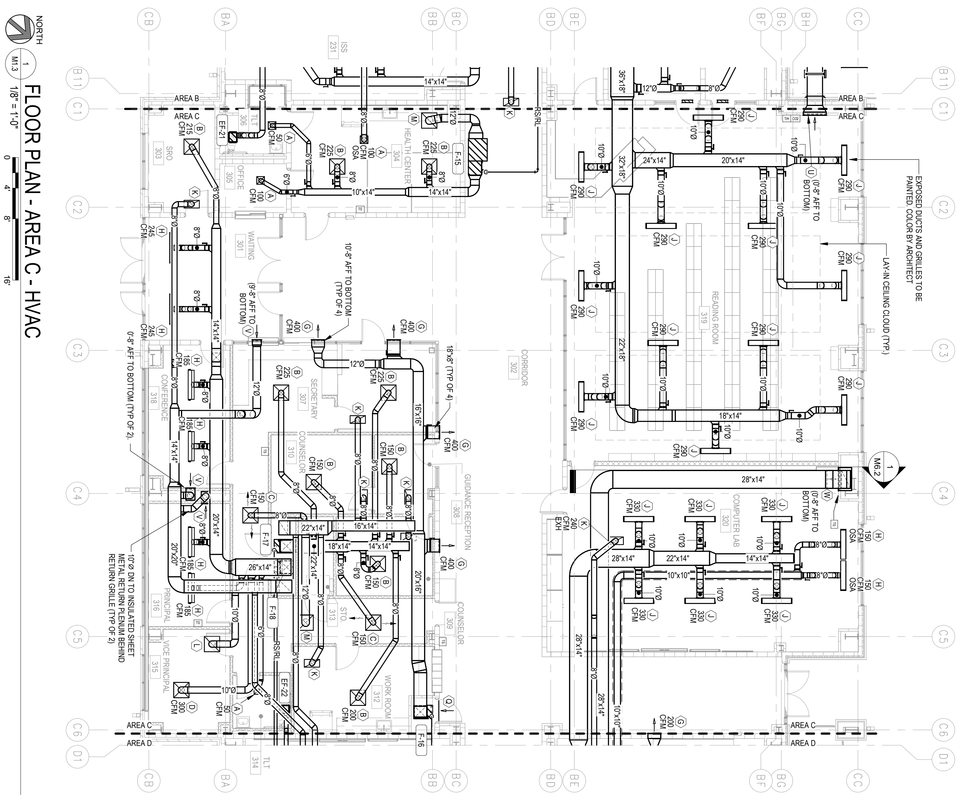
CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER
ARKANSAS STATE LICENSED PROFESSIONAL ENGINEER
No. 20752
DANIEL ALLISON

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: DBA
REV:

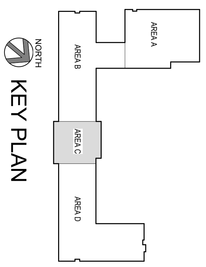
M1.2

NORTH 1 M1.2 1/8" = 1'-0"

FLOOR PLAN - AREA B - HVAC



FLOOR PLAN - AREA C - HVAC



KEY PLAN

M1.3

DATE: 2026-05-18
PROJECT NO: 25553
DRAWN BY: DBA
REV:

DANIEL ALLISON
ARKANSAS REGISTERED PROFESSIONAL ENGINEER
No. 20752
STATE OF ARKANSAS
CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186

EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

FLOOR PLAN - AREA C - HVAC

LEWIS ARCHITECTS ENGINEERS
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FLOOR PLAN - AREA D - HVAC

NORTH

1 / M1.4 1/8" = 1'-0"

0 2' 8' 16'

AREA C

AREA D

4"Ø GALVANIZED METAL DRYER VENT - NO SCREEN/BIRDSCREEN 1'-0" AFF TO BOTTOM

24"x18" L11

RS/RL

16"x16"

SPEECH 402

SELF-CONTAINED 404

CONFERENCE 407

RESOURCE 406

OFFICE 403

CORRIDOR 401

1ST GRADE 408

1ST GRADE 409

1ST GRADE 410

1ST GRADE 411

1ST GRADE 412

1ST GRADE 413

1ST GRADE 414

1ST GRADE 415

1ST GRADE 416

1ST GRADE 417

1ST GRADE 418

1ST GRADE 419

WORK ROOM 421

1ST GRADE 423

CUSTODIAL 427

TELECOM 428

STORAGE 429

2ND GRADE 430

2ND GRADE 431

2ND GRADE 432

2ND GRADE 433

2ND GRADE 434

2ND GRADE 435

2ND GRADE 436

2ND GRADE 437

2ND GRADE 438

2ND GRADE 439

2ND GRADE 440

2ND GRADE 441

24"x18" L12 (1'-2" AFF TO BOTTOM, TYP. OF 3)

SECURE WITH EPOXY ANCHOR BOLTS

SERVICE PLATFORM

TRANSITION TO EXTERNAL INSULATION

PAU#2

SECTION - F-20

2 / M1.4 1/4" = 1'-0"

0 2' 4' 8'

28"x14"

F-20

RS/RL

20"x20"

8'-0

TOW @ EAVE 16' - 8"

PIPE SUPPORT (typ.) 2 / M5.1

4 / M5.1

KEY PLAN

NORTH

AREA A

AREA B

AREA C

AREA D

M1.4

DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: DBA
REV:

EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

FLOOR PLAN - AREA D - HVAC

LEWIS ARCHITECTS ENGINEERS

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PACKAGE EQUIPMENT SCHEDULE

MARK	MANUFACTURER	MODEL	AREA SERVED	TONNAGE (NOMINAL)	COOLING CAPACITY GROSS TOTAL / SENSIBLE (MBH)	HEATING CAPACITY INPUT/OUTPUT (MBH)	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM)	E.S.P.	DISCHARGE ARRANGEMENT	SUPPLY FAN OPERATION	BHP	VOLTAGE	MCA / MOCP (AMPS)	EER (SEER)	COOLING / HEATING STAGES	WEIGHT (LBS)
AC-1	CARRIER	48GETN28LLM5-3L4C0	PE 102	25	307.9 / 224.2	400 / 324	10,000	1000 (MIN) 2000 (MAX)	0.60	HORIZONTAL SUPPLY / RETURN	STAGED AIR VOLUME	6.82	208/3	135 / 175	10.3	2 / 2	2883
AC-2	CARRIER	48GESN12JSM5-3A4C0	KITCHEN	10	127.3 / 96.1	180 / 148	4,000	350	0.60	HORIZONTAL SUPPLY / RETURN	STAGED AIR VOLUME	2.17	208/3	53 / 60	12.1	2 / 2	1155
AC-3	CARRIER	48GETN28LLM5-3L4C0	DINING	25	307.9 / 224.2	400 / 324	10,000	650 (MIN) 2300 (MAX)	0.60	HORIZONTAL SUPPLY / RETURN	STAGED AIR VOLUME	6.82	208/3	135 / 175	10.3	2 / 2	2883
AC-4	CARRIER	48GESN12JSM5-3A4C0	READING ROOM	10	127.3 / 96.1	180 / 148	4,000	200 (MIN) 800 (MAX)	0.60	HORIZONTAL SUPPLY / RETURN	STAGED AIR VOLUME	2.17	208/3	53 / 60	12.1	2 / 2	1155

ACCESSORIES & NOTES:
1. STAINLESS STEEL HEAT EXCHANGER
2. 2" PLEATED FILTERS MERV 8
3. HOT GAS REHEAT DEHUMIDIFICATION CYCLE
4. AC-2 & 4 - MANUFACTURER PROVIDED 100% OUTSIDE AIR ENTHALPY COMPARISON ECONOMIZER W/ BAROMETRIC RELIEF
5. AC-1 & 3 - MICROMETL 100% OUTSIDE AIR ENTHALPY COMPARISON ECONOMIZER W/ BAROMETRIC RELIEF
6. CONDENSATE OVERFLOW SWITCH
7. HINGED ACCESS PANELS WITH HANDLES
8. LOUVERED HAIL GUARDS
9. 5 YEAR COMPRESSOR WARRANTY

OSA REQUIREMENTS

UNIT No.	ROOM NAME	OCCUPANTS	CFM / OCCUPANT	AREA	CFM/FT2	FRESH AIR DESIGN (CFM) SUPPLY	EXHAUST
POAU-1							
F-1	KINDERGARTEN 109	20	10	1000	0.12	340	300
F-2	KINDERGARTEN 211	20	10	1000	0.12	340	300
F-3	KINDERGARTEN 213	20	10	1000	0.12	340	300
F-4	KINDERGARTEN 215	20	10	1000	0.12	340	300
F-5	WORKROOM 205	5	5	330	0.06	40	0
F-6	KINDERGARTEN 217	20	10	1050	0.12	340	300
F-7	FINE ARTS 203	25	10	1200	0.18	460	400
F-8	GIFTED AND TALENTED 202	30	10	880	0.12	340	300
F-9	KINDERGARTEN 221	20	10	1000	0.12	340	300
F-10	KINDERGARTEN 219	20	10	1000	0.12	340	300
F-11	KINDERGARTEN 225	20	10	1000	0.12	340	300
F-12	KINDERGARTEN 226	20	10	1000	0.12	340	300
F-13	MULTI-PURPOSE 231	10	10	530	0.12	150	140
F-14	ISS 230	8	10	400	0.12	120	100
F-15	HEALTH CENTER 304	3	10	300	0.18	100	0
N / A	CORRIDOR	N / A	N / A	4000	0.06	240	120
N / A	GIRLS 130	2 FIXTURES				0	150
N / A	BOYS 111	2 FIXTURES				0	150
TOTAL FOR POAU-1						4,510	4,070
POAU-2							
F-37	2NG GRADE 422	24	10	850	0.12	340	320
F-36	2ND GRADE 426	24	10	850	0.12	340	320
F-35	2NG GRADE 420	24	10	850	0.12	340	320
F-34	2NG GRADE 424	24	10	850	0.12	340	320
F-33	2ND GRADE 416	24	10	850	0.12	340	320
F-32	2ND GRADE 418	24	10	850	0.12	340	320
F-31	2ND GRADE 414	24	10	850	0.12	340	320
F-30	1ST GRADE 409	24	10	850	0.12	340	320
F-29	WORKROOM 407	5	5	570	0.06	60	50
F-28	1ST GRADE 402	24	10	850	0.12	340	320
F-27	1ST GRADE 404	24	10	850	0.12	340	320
F-26	1ST GRADE 336	24	10	850	0.12	340	320
F-25	1ST GRADE 334	24	10	850	0.12	340	320
F-24	1ST GRADE 330	24	10	850	0.12	340	320
F-23	1ST GRADE 332	24	10	850	0.12	340	320
F-22	SELF CONTAINED 326	12	10	850	0.12	220	200
F-21	OT/PT 325	8	10	350	0.12	100	60
	RESOURCE 329	5	5	460	0.06	100	60
F-20	COMPUTER 323	20	10	935	0.12	300	240
F-19	SPEECH 324	8	10	500	0.12	140	120
F-18	VICE PRINCIPAL 310	1	5	120	0.06	50	0
	PRINCIPAL 309	1	5	150	0.06		
	CONFERENCE 308	5	5	175	0.06		
F-17	SECRECTARY 306	2	5	320	0.06	70	0
	COUNSELOR 318	2	5	130	0.06		
	GUIDANCE REC 316	1	5	80	0.06		
	COUNSELOR 317	2	5	130	0.06		
	WORKROOM 315	1	5	180	0.06		
N / A	CORRIDOR	N / A	N / A	4000	0.06	240	220
TOTAL AIRFLOW FOR POAU-2						6,040	5,430

MINI SPLIT INDOOR UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	CFM	VOLTAGE / PHASE	MCA / MOCP	MATCH WITH
FC-1	CARRIER	40MHHQ09--3	HIGH WALL	380	208/1	-	HP-1
DCFC-1	CARRIER	40MHHC24--3	HIGH WALL	1353	208/1	-	DSCU-1
DSFC-2	CARRIER	40MHHC12--3	HGH WALL	420	208/1	-	DSCU-2

ACCESSORIES & NOTES:
1. INDOOR UNIT POWERED FROM OUTDOOR UNIT UNLESS NOTED.
2. PROVIDE INTEGRAL CONDENSATE PUMP.
3. PROVIDE WITH WIRED WALL MOUNT CONTROLLER FROM MANUFACTURER.

MINI SPLIT OUTDOOR UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	NOMINAL COOLING CAPACITY (MBH)	NOMINAL HEATING CAPACITY (MBH)	SEER	VOLTAGE / PHASE	MOCP	MATCH WITH
HP-1	CARRIER	38MHRC09A--3	9.0	9.0	16	208/1	15	FC-1
DSCU-1	CARRIER	38MHRC24A--3	24.0	N/A	17.5	208/1	25	DSFC-1
DSCU-2	CARRIER	38MHRC12A--3	12.0	N/A	16.5	208/1	15	DSFC-2

ACCESSORIES & NOTES:
1. PROVIDE W/WINTER START KIT, CRANKCASE HEATER & WIND BAFFLE FOR LOW AMBIENT.

PACKAGED OUTSIDE AIR UNITS

TAG	POAU-1	POAU-2
MANUFACTURER	AAON	AAON
MODEL	RNA-020-C-A-8-GAB0A-CB1L0	RNA-025-C-A-8-GAB0A-CB2K0
EQUIVALENT TOTAL CAPACITY (MBH)	401.6	473.2
TOTAL CAPACITY (MBH)	239.7	294
SENSIBLE CAPACITY (MBH)	152.1	192.6
EER AT OP. CONDITIONS	14.9	13.8
WEIGHT (LBS)	3,830	4,013
SUPPLY AIR CFM	4,510	6,010
RETURN AIR CFM	4,070	5,410
EXHAUST AIR CFM	4,070	5,410
ESP SUPPLY / RETURN (IN. WG)	1.5 / .5	1.5 / .5
SUPPLY FAN:		
BHP	6.28	8.57
MOTOR (HP)	10	15
EXHAUST FAN:		
BHP	1.82	3.49
MOTOR (HP)	3	5
DESIGN CONDITIONS:		
SUMMER:		
OUTDOOR (DB°F / WB°F)	97.3 / 77.8	97.3 / 77.8
INDOOR (DB°F / RH%)	75 / 50	75 / 50
WINTER:		
OUTDOOR (DB°F / WB°F)	10 / 9	10 / 9
INDOOR (DB°F / RH%)	70 / 50	70 / 50
COIL CONDITIONS:		
EAT (DB°F / WB°F)	82.4 / 68.7	82.8 / 68.8
LAT (DB°F / WB°F)	50.6 / 50.5	52.5 / 52.3
ENERGY WHEEL:		
SUMMER:		
EAT (DB°F / WB°F)	97.3 / 77.8	97.3 / 77.8
LAT (DB°F / WB°F)	82.4 / 68.7	83.6 / 69.5
TOTAL CAPACITY (MBH)	161.8	179.2
SENSIBLE CAPACITY (MBH)	69.7	77
WINTER:		
EAT (DB°F / WB°F)	10 / 9	10 / 9
LAT (DB°F / WB°F)	48.8 / 40.4	45.7 / 38.3
TOTAL CAPACITY (MBH)	241.4	267.6
SENSIBLE CAPACITY (MBH)	189.1	209.5
HOT GAS REHEAT COIL:		
EAT (DB°F / WB°F)	50.6 / 50.5	52.5 / 52.3
LAT (DB°F / WB°F)	75 / 60.2	75 / 61
CAPACITY (MBH)	116.2	142.7
HEATING:		
TYPE	NATURAL GAS	NATURAL GAS
INPUT / OUTPUT (MBH)	270 / 219	405 / 328
EAT (DB°F / WB°F)	48.8 /40.4	48.1 / 40.1
LAT (DB°F / WB°F)	93.7 / 59.9	98.7 / 61.8
TURNDOWN	9 : 1	4.3 : 1
ELECTRICAL:		
VOLTAGE / PHASE	203V / 3	203V / 3
MCA	124	173
MOCP	150	200

ACCESSORIES & NOTES:
1. 4" PLEATED 30% FILTERS MERV 8
2. 5 YEAR COMPRESSOR WARRANTY, 2 YEAR UNIT PARTS WARRANTY
3. MODULATING HOT GAS REHEAT DEHUMIDFICATION CYCLE
4. FACTORY MTD. BACNET COMPATIBLE UNIT CONTROLS (ACCESSIBLE FROM OUTSIDE OF UNIT)
5. VARIABLE CAPACITY COMPRESSORS ON LEAD CIRCUIT, STANDARD COMPRESSORS ON LAG CIRCUIT
6. STAINLESS STEEL DRAIN PANS WITH CONDENSATE OVERFLOW SWITCH
7. STAINLESS STEEL HEAT EXCHANGER W/ MODULATING GAS TEMP CONTROL
8. METAL MESH OSA PRE-FILTER
9. DIRTY FILTER SWITCH AND MAGNEHELIC GUAGE
10. CONDENSOR FAN CONTROL BY VFD FOR HEAD PRESSURE CONTROL
11. COMPRESSOR ISOLATION VALVES AND SIGHT GLASSES
12. SUPPLY / RETURN AIRFLOW MEASURING STATION
13. 36" TALL INSULATED CURB FOR HORIZONTAL SUPPLY / RETURN AIR CONNECTIONS.

ELECTRIC HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	HEATING (KW)	BTU'S	VOLTAGE / PHASE	AMPS	WEIGHT (LBS)	NOTES
EH-1	MARKEL	F3423T	3	10,239	208/1	14.4	41	1, 2

ACCESSORIES & NOTES:
1. PROVIDE W/ INTEGRAL T-STAT / DISCONNECT.
2. PROVIDE EXTENSION SLEEVE FOR SEMI-RECESSED MOUNTED INSTALLATION.

NOTES:
1. EQUAL MANUFACTURER SELECTIONS TO ENGINEER SPECIFIED:
   PACKAGE UNITS - TRANE, LENNOX
   POAU - VALENT, GREENHECK
   SPLIT SYSTEMS - TRANE, LENNOX
   MINI-SPLITS - DAIKIN, SAMSUNG, MITSUBISHI, LG
   EXHAUST FANS - GREENHECK, TWIN CITY
   GRILLES - TITUS, KRUEGER
   LOUVERS - POTTORFF, RUSKIN
   FABRIC DUCT - PRIHODA
   KITCHEN HOOD - CAPTIVEAIRE

CONDENSING UNIT AND COOLING COIL SCHEDULE

MARK	MANUFACTURER	MODEL	COOLING COIL	NOMINAL TONNAGE	COOLING CAPACITY TOTAL / SENSIBLE (MBH)	COOLING STAGES	SEER	VOLTAGE / PHASE	MCA / MOCP
CU-1	CARRIER	26TPA860W003	CAAMP6024AMA	5	54.7 / 39.4	2	15.2	208 / 1	30.5 / 50
CU-2	CARRIER	26TPA848W003	CAAMP4821AMA	4	46.5 / 34.4	2	15.5	208 / 1	25.5 / 40
CU-3	CARRIER	26TPA860W003	CAAMP6024AMA	5	54.7 / 39.4	2	15.2	208 / 1	30.5 / 50
CU-4	CARRIER	26TPA848W003	CAAMP4821AMA	4	46.5 / 34.4	2	15.5	208 / 1	25.5 / 40
CU-5	CARRIER	26TPA824W003	CAAMP2417AMA	2	23.5 / 17.4	2	17.0	208 / 1	15.5 / 20
CU-6	CARRIER	26TPA848W003	CAAMP4821AMA	4	46.5 / 34.4	2	15.5	208 / 1	25.5 / 40
CU-7	CARRIER	26TPA860W003	CAAMP6024AMA	5	55.5 / 41.1	2	15.2	208 / 1	30.5 / 50
CU-8	CARRIER	26TPA860W003	CAAMP6024AMA	5	54.7 / 39.4	2	15.2	208 / 1	30.5 / 50
CU-9	CARRIER	26TPA860W003	CAAMP6024AMA	5	54.7 / 39.4	2	15.2	208 / 1	30.5 / 50
CU-10	CARRIER	26TPA848W003	CAAMP4821AMA	4	46.5 / 34.4	2	15.5	208 / 1	25.5 / 40
CU-11	CARRIER	26TPA860W003	CAAMP6024AMA	5	54.7 / 39.4	2	15.2	208 / 1	30.5 / 50
CU-12	CARRIER	26TPA848W003	CAAMP4821AMA	4	46.5 / 34.4	2	15.5	208 / 1	25.5 / 40
CU-13	CARRIER	26TPA824W003	CAAMP2417AMA	2	23.5 / 17.4	2	17.0	208 / 1	15.5 / 20
CU-14	CARRIER	26TPA824W003	CAAMP2417AMA	2	23.5 / 17.4	2	17.0	208 / 1	15.5 / 20
CU-15	CARRIER	26TPA824W003	CAAMP2417AMA	2	23.0 / 16.6	2	17.0	208 / 1	15.5 / 20
CU-16	CARRIER	26TPA848W003	CAAMP4821AMA	4	46.5 / 34.4	2	15.5	208 / 1	25.5 / 40
CU-17	CARRIER	26TPA848W003	CAAMP4821AMA	4	45.5 / 32.7	2	15.5	208 / 1	25.5 / 40
CU-18	CARRIER	26TPA848W003	CAAMP4821AMA	4	46.5 / 34.4	2	15.5	208 / 1	25.5 / 40
CU-19	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.0 / 25.3	2	15.5	208 / 1	20.9 / 35
CU-20	CARRIER	26TPA860W003	CAAMP6024AMA	5	55.5 / 41.1	2	15.2	208 / 1	30.5 / 50
CU-21	CARRIER	26TPA824W003	CAAMP2417AMA	2	23.5 / 17.4	2	17.0	208 / 1	15.5 / 20
CU-21A	CARRIER	26TPA824W003	CAAMP2417AMA	2	23.5 / 17.4	2	17.0	208 / 1	15.5 / 20
CU-22	CARRIER	26TPA848W003	CAAMP4821AMA	4	46.5 / 34.4	2	15.5	208 / 1	25.5 / 40
CU-23	CARRIER	26TPA848W003	CAAMP4821AMA	4	45.5 / 32.7	2	15.5	208 / 1	25.5 / 40
CU-24	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.7 / 26.5	2	15.5	208 / 1	20.9 / 35
CU-25	CARRIER	26TPA848W003	CAAMP4821AMA	4	45.5 / 32.7	2	15.5	208 / 1	25.5 / 40
CU-26	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.7 / 26.5	2	15.5	208 / 1	20.9 / 35
CU-27	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.7 / 26.5	2	15.5	208 / 1	20.9 / 35
CU-28	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.7 / 26.5	2	15.5	208 / 1	20.9 / 35
CU-29	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.7 / 26.5	2	15.5	208 / 1	20.9 / 35
CU-30	CARRIER	26TPA848W003	CAAMP4821AMA	4	45.5 / 32.7	2	15.5	208 / 1	25.5 / 40
CU-31	CARRIER	26TPA848W003	CAAMP4821AMA	4	45.5 / 32.7	2	15.5	208 / 1	25.5 / 40
CU-32	CARRIER	26TPA848W003	CAAMP4821AMA	4	45.5 / 32.7	2	15.5	208 / 1	25.5 / 40
CU-33	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.7 / 26.5	2	15.5	208 / 1	20.9 / 35
CU-34	CARRIER	26TPA848W003	CAAMP4821AMA	4	45.5 / 32.7	2	15.5	208 / 1	25.5 / 40
CU-35	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.7 / 26.5	2	15.5	208 / 1	20.9 / 35
CU-36	CARRIER	26TPA848W003	CAAMP4821AMA	4	45.5 / 32.7	2	15.5	208 / 1	25.5 / 40
CU-37	CARRIER	26TPA836W003	CAAMP3617AMA	3	35.7 / 26.5	2	15.5	208 / 1	20.9 / 35

ACCESSORIES & NOTES:
1. PROVIDE W/ EVAPORATOR FREEZE THERMOSTAT, CRANKCASE HEATER, SIGHT GLASS, FILTER DRYER & LOW AMBIENT.

FURNACE UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	NOMINAL TONNAGE	CFM	HEATING INPUT / OUTPUT (MBH)	HEATING STAGES	VOLTAGE / PHASE	MCA / MOCP
F-1	CARRIER	59TP6C080V24	5	1800	80 / 78	2	120 / 1	13.1 / 20
F-2	CARRIER	59TP6C080V21	4	1600	80 / 78	2	120 / 1	13.2 / 20
F-3	CARRIER	59TP6C080V24	5	1800	80 / 78	2	120 / 1	13.1 / 20
F-4	CARRIER	59TP6C080V21	4	1600	80 / 78	2	120 / 1	13.2 / 20
F-5	CARRIER	59TP6C040V17	2	800	40 / 39	2	120 / 1	7.4 / 15
F-6	CARRIER	59TP6C080V21	4	1600	80 / 78	2	120 / 1	13.2 / 20
F-7	CARRIER	59TP6C080V24	5	2000	80 / 78	2	120 / 1	12.6 / 20
F-8	CARRIER	59TP6C080V24	5	1800	80 / 78	2	120 / 1	13.1 / 20
F-9	CARRIER	59TP6C080V24	5	1800	80 / 78	2	120 / 1	13.1 / 20
F-10	CARRIER	59TP6C080V21	4	1600	80 / 78	2	120 / 1	13.2 / 20
F-11	CARRIER	59TP6C080V24	5	1800	80 / 78	2	120 / 1	13.1 / 20
F-12	CARRIER	59TP6C080V21	4	1600	80 / 78	2	120 / 1	13.2 / 20
F-13	CARRIER	59TP6C040V17	2	800	40 / 39	2	120 / 1	7.4 / 15
F-14	CARRIER	59TP6C040V17	2	800	40 / 39	2	120 / 1	7.4 / 15
F-15	CARRIER	59TP6C040V17	2	600	40 / 39	2	120 / 1	7.4 / 15
F-16	CARRIER	59TP6C080V21	4	1600	80 / 78	2	120 / 1	13.2 / 20
F-17	CARRIER	59TP6C080V21	4	1400	80 / 78	2	120 / 1	13.2 / 20
F-18	CARRIER	59TP6C080V21	4	1600	80 / 78	2	120 / 1	13.2 / 20
F-19	CARRIER	59TP6C060V17	3	1000	60 / 58	2	120 / 1	10.0 / 15
F-20	CARRIER	59TP6C080V24	5	2000	80 / 78	2	120 / 1	12.6 / 20
F-21	CARRIER	59TP6C040V17	2	800	40 / 39	2	120 / 1	7.4 / 15
F-21A	CARRIER	59TP6C040V17	2	800	40 / 39	2	120 / 1	7.4 / 15
F-22	CARRIER	59TP6C080V21	4	1600	80 / 78	2	120 / 1	13.2 / 20
F-23	CARRIER	59TP6C080V21	4	1400	80 / 78	2	120 / 1	13.2 / 20
F-24	CARRIER	59TP6C060V17	3	1200	60 / 58	2	120 / 1	10.0 / 15
F-25	CARRIER	59TP6C080V21	4	1400	80 / 78	2	120 / 1	13.2 / 20
F-26	CARRIER	59TP6C060V17	3	1200	60 / 58	2	120 / 1	10.0 / 15
F-27	CARRIER	59TP6C060V17	3	1200	60 / 58	2	120 / 1	10.0 / 15
F-28	CARRIER	59TP6C060V17	3	1200	60 / 58	2	120 / 1	10.0 / 15
F-29	CARRIER	59TP6C060V17	3	1200	60 / 58	2	120 / 1	10.0 / 15
F-30	CARRIER	59TP6C080V21	4	1400	80 / 78	2	120 / 1	13.2 / 20
F-31	CARRIER	59TP6C080V21	4	1400	80 / 78	2	120 / 1	13.2 / 20
F-32	CARRIER	59TP6C080V21	4	1400	80 / 78	2	120 / 1	13.2 / 20
F-33	CARRIER	59TP6C060V17	3	1200	60 / 58	2	120 / 1	10.0 / 15
F-34	CARRIER	59TP6C080V21	4	1400	80 / 78	2	120 / 1	13.2 / 20
F-35	CARRIER	59TP6C060V17	3	1200	60 / 58	2	120 / 1	10.0 / 15
F-36	CARRIER	59TP6C080V21	4	1400	80 / 78	2	120 / 1	13.2 / 20
F-37	CARRIER	59TP6C080V17	3	1200	80 / 78	2	120 / 1	10.0 / 15

ACCESSORIES & NOTES:
1. PROVIDE UNITS WITH FILTER BASE EQUAL TO EZ-FILTER BASE MFG. MODEL EZ-2025, EZ-1625 OR EZ-1425 (SIZED FOR UNIT) & 2" PLEATED MERV 8 FILTER.
2. PROVIDE ALL UNITS WITH CONCENTRIC VENT KIT.
3. PROVIDE ALL UNITS WITH BMS INTEGRATION KIT FOR UNIT TO BE CONTROLLED BY DDC.

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
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HVAC LEGENDS & SCHEDULES

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20752
DANIEL ALLISON

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: DBA
REV:

M2.1

AIR DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	MODULAR SIZE	NECK SIZE	FINISH	ACCESSORIES	NOTES
A	PRICE	AMD	LOUVER CEILING SUPPLY	12" X 12"	9" X 9"/ 6"Ø	WHITE	SR8E	LAY IN
B	PRICE	AMD	LOUVER CEILING SUPPLY	24" X 24"	9" X 9"/ 8"Ø	WHITE	SR8E	LAY IN
C	PRICE	AMD	LOUVER CEILING SUPPLY	24" X 24"	9" X 9"/ 8"Ø	WHITE	SR8E	LAY IN, "2S" 2-WAY THROW PATTERN
D	PRICE	AMD	LOUVER CEILING SUPPLY	24" X 24"	12" X 12"/ 10"Ø	WHITE	SR8E	LAY IN
E	PRICE	AMD	LOUVER CEILING SUPPLY	24" X 24"	12" X 12"/ 10"Ø	WHITE	SR8E	LAY IN, "2S" 2-WAY THROW PATTERN
E1	PRICE	PDS	PERFORATED CEILING SUPPLY	24" X 24"	10"Ø	WHITE	SR8E	LAY IN
F	PRICE	AMD	LOUVER CEILING SUPPLY	24" X 24"	18" X 18"/ 12"Ø	WHITE	SR8E	LAY IN
G	PRICE	520	DOUBLE DEFLECTION SIDEWALL SUPPLY	-	18" X 8"	WHITE	-	FRONT BLADES PARALLEL WITH SHORT SIDE
H	PRICE	TBDI3100	LINEAR SLOT LAY-IN CEILING SUPPLY	-	(2) 1" SLOTS 4'-0" LENGTH	WHITE	INSULATED PLENUM W/ 8" INLET	LAY IN
J	PRICE	TBDI3100	LINEAR SLOT LAY-IN CEILING SUPPLY	-	(4) 1" SLOTS 4'-0" LENGTH	WHITE	INSULATED PLENUM W/ 10" INLET	LAY IN
K	PRICE	80	CUBE CORE CEILING RETURN	24" X 12"	22" X 10"/ 8"Ø	WHITE	SR2	LAY IN
L	PRICE	80	CUBE CORE CEILING RETURN	24" X 24"	22" X 22"/ 10"Ø	WHITE	SR2	LAY IN
M	PRICE	80	CUBE CORE CEILING RETURN	24" X 24"	22" X 22"/ 12"Ø	WHITE	SR2	LAY IN
N	PRICE	80	CUBE CORE CEILING RETURN	24" X 24"	22" X 22"/ 16"Ø	WHITE	SR2	LAY IN
P	PRICE	80	EGG CRATE RETURN GRILLE	24" X 24"	20" x 20"	WHITE	-	LAY IN
Q	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	30"W X 12"H	WHITE	1/2" SPACING 45 DEG. DEFLECTION	14 GAUGE BLADES PARALLEL TO LONG DIMENSION
R	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	42"W X 72"H	WHITE	1/2" SPACING 45 DEG. DEFLECTION	14 GAUGE BLADES PARALLEL TO SHORT DIMENSION
S	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	60"W X 48"H	PAINTABLE	1/2" SPACING 0 DEG. DEFLECTION	14 GAUGE BLADES PARALLEL TO LONG DIMENSION
S1	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	60"W X 48"H	PAINTABLE	1/2" SPACING 45 DEG. DEFLECTION	14 GAUGE BLADES PARALLEL TO LONG DIMENSION
T	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	28"W X 12"H	PAINTABLE	1/2" SPACING 45 DEG. DEFLECTION	14 GAUGE BLADES PARALLEL TO LONG DIMENSION
U	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	36"W X 36"H	WHITE	1/2" SPACING 45 DEG. DEFLECTION	14 GAUGE BLADES
V	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	14"W X 14"H	WHITE	1/2" SPACING 45 DEG. DEFLECTION	14 GAUGE BLADES
W	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	36"W X 18"H	WHITE	1/2" SPACING 45 DEG. DEFLECTION	14 GAUGE BLADES PARALLEL TO LONG DIMENSION
X	PRICE	STG1	DOOR GRILLE	-	16" X 16"	WHITE	FLAT BORDER BOTH SIDES, CONCEALED MOUNTING OF FLANGE FRAME	MOUNT 1'-0" AFF
L-1 THRU 8	GREENHECK	AFL501	FEMA LOUVER	-	60"W X 48"H	NOTE 4	NOTE 5	9.63 FT2 FREE AREA
L-9 THRU 13	GREENHECK	ESD-635	EXHAUST / INTAKE LOUVER	-	24"W X 18"H	NOTE 4	-	1.11 FT2 FREE AREA

ACCESSORIES & NOTES:
1. PROVIDE INSULATION BACKING FOR ALL SUPPLY DIFFUSERS.
2. PROVIDE DUCT MOUNTED OPPOSED BLADE DAMPER TO BALANCE RETURN AIR DUCTWORK.
3. CONTRACTOR TO VERIFY MOUNTING TYPE FOR ALL GRILLES WITH ARCH. CEILING PLANS PRIOR TO BID.
4. ALL LOUVERS TO HAVE 2 COAT 70% KYNAR FINISH. PROVIDE WITH BIRD SCREEN. COLOR BY ARCHITECT.
5. PROVIDE FEMA LOUVER WITH FLANGES (4 SIDES) EXTERIOR CANTILEVER MOUNTED, BIRD SCREEN, COLOR AS SELECTED BY ARCHITECT, GREENHECK EACC-601 COMBINATION LOUVER/DAMPER WITH CONCEALED 120V ACTUATOR (BOTTOM MOUNTED) 60"W x 48"H x4"D, POWER CLOSE/SPRING OPEN.

EXHAUST FANS SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	CFM	E.S.P. (IN W.G.)	VOLTAGE / PHASE	FAN HP (HP OR WATTS)	SONES	CONTROL POINT	NOTES
EF-1	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-2	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-3	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-4	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-5	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	SWITCH	1, 2, 3
EF-6	GREENHECK	SP-B150	CEILING	100	0.3	120/1	41.0	1.1	THERMOSTAT	1, 2, 3
EF-7	GREENHECK	SP-B150	CEILING	100	0.3	120/1	41.0	1.1	SWITCH	1, 2, 3
EF-8	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-9	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-10	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-11	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-12	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-13	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-14	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-15	GREENHECK	SP-B150	CEILING	100	0.3	120/1	41.0	1.1	SWITCH	1, 2, 3
EF-16	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-17	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-18	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-19	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-20	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-21	GREENHECK	SP-B110	CEILING	120	0.3	120/1	40.0	0.6	DDC	1, 2, 3
EF-22	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-23	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-24	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-25	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-26	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-27	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-28	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-29	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-30	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-31	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-32	GREENHECK	SP-B150	CEILING	100	0.3	120/1	41.0	1.1	SWITCH	1, 2, 3
EF-33	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-34	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-35	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-36	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-37	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-38	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-39	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
EF-40	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	LIGHTS	1, 2, 3
DHEF-1	GREENHECK	CUE-099-VG	SIDEWALL	600	0.5	120/1	1/4 HP	7.4	DISHWASHER	4

ACCESSORIES & NOTES:
1. PROVIDE HANGING RODS AND VIBRATION ISOLATORS AS REQUIRED.
2. PROVIDE FACTORY MOUNTED SOLID STATE SPEED CONTROLLER AT FAN, INTERNAL DISCONNECT AND BACKDRAFT DAMPER.
3. PROVIDE W/ WHITE ALUMINUM CEILING GRILLE.
4. PROVIDE WITH FACTORY MOUNTED DISCONNECT, BIRDSCREEN, HINGED BASE AND SLOPE ROOF CURB.

MECHANICAL GENERAL NOTES

1. DUE TO THE SMALL SCALE OF THIS DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.
2. DUCT SIZES INDICATED ON PLANS ARE ACTUAL SHEET METAL SIZES AND DO ALLOW FOR INTERNAL INSULATION OF RECTANGULAR DUCT, IF APPLICABLE.
3. ROUND BRANCH DUCT RUNOUTS SHALL BE SAME SIZE AS DIFFUSER THROAT UNLESS OTHERWISE NOTED.
4. MOUNT ALL TEMPERATURE SENSORS &/OR THERMOSTATS AT 48" TO TOP OF BOX.
5. FLEXIBLE DUCT MAY BE USED FOR FINAL CONNECTIONS TO DIFFUSERS. A MAXIMUM LENGTH OF THREE FEET (3') SHALL BE USED.
6. ALL CEILING-MOUNTED SUPPLY DIFFUSERS SHALL HAVE FOUR-WAY (4-WAY) PATTERN UNLESS OTHERWISE INDICATED.
7. WHERE SPLITTER DAMPERS ARE LOCATED ABOVE NON-ACCESSIBLE CEILINGS, PROVIDE EXTENDED CONTROL ROD AND REGULATOR AS SPECIFIED.
8. WHERE MANUAL DAMPERS ARE INSTALLED IN EXTERNALLY INSULATED DUCTWORK, PROVIDE STAND-OFF BRACKET TO PREVENT COMPRESSION OF INSULATION BY DAMPER OPERATOR HANDLE.
9. PROVIDE TURNING VANES IN ALL 90-DEGREE ELBOWS. UNLESS NOTED OTHERWISE.
10. INTERNALLY INSULATE ALL RECTANGULAR SUPPLY AND RETURN DUCTWORK UNLESS NOTED OTHERWISE.
11. EXHAUST DUCTWORK SHALL BE UNINSULATED, UNLESS OTHERWISE NOTED.
12. EXTERNALLY INSULATE LOW-VELOCITY ROUND RUNOUT DUCTWORK.
13. INSULATE THE TOP OF ALL SUPPLY AIR DIFFUSERS WITH A MINIMUM OF 1/2" THICK FIBERGLASS DUCT WRAP.
14. INSULATE ALL PIPING, DUCTS, AND EQUIPMENT, WHETHER INDICATED OR NOT, WHICH ARE SUBJECT TO FREEZING OR CONDENSATION FORMATION.
15. INSTALL REFRIGERANT PIPING IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S INSTRUCTIONS.
16. VERIFY WITH EXISTING CEILING FOR EXACT LOCATION OF DIFFUSERS.
17. COORDINATE LOCATION OF DUCTS AND DIFFUSERS WITH STRUCTURAL FRAMING MEMBER. OFFSET DUCTS AS REQUIRED TO CLEAR STRUCTURAL MEMBERS.
18. COORDINATE LOCATIONS AND ELEVATION OF DUCT RUNS WITH PLUMBING AND ELECTRICAL CONTRACTORS.
19. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
20. COORDINATE GAS REQUIREMENTS WITH PLUMBING CONTRACTOR.
21. SCREWS TO SECURE AIR DEVICES SHALL BE PAINTED HEAD TYPE PROVIDED BY DEVICE MANUFACTURER. ANY OTHER TYPE USED WILL BE REPLACED WITH PROPER SCREW BEFORE ACCEPTANCE.
22. INSURE 10'-0" MINIMUM CLEARANCE BETWEEN FRESH AIR INTAKE VENTILATORS AND VENTS FOR FURNACE/PLUMBING AND EXHAUST VENTILATORS.

MECHANICAL LEGEND

- FLEXIBLE DUCT CONNECTION
- TURNING VANES
- RECTANGULAR TO ROUND DUCT TAKE-OFF (SEE DETAIL)
- MANUAL DAMPER
- FABRIC DUCT
- FULL RADIUS ELBOW
- DETAIL NUMBER (1 / M-2), (1 / M-2): TOP NUMBER INDICATES DETAIL NUMBER, BOTTOM NUMBER INDICATES SHEET NUMBER
- (X) GRILLE OR DIFFUSER DESIGNATION - SEE SCHEDULE
- RS/RL — REFRIGERANT PIPING (SUCTION AND LIQUID)
- D — CONDENSATE DRAIN (SCH 40 PVC INTERIOR / SCH 80 PVC EXTERIOR)
- [TS] TEMP-SENSOR
- [T/H/C] TEMP/HUMIDITY/CO2 SENSOR
- [T] T-STAT — SENSORS MOUNTED AT 48" A.F.F. TO TOP OF BOX (UNLESS OTHERWISE NOTED)
- [S] STAINLESS STEEL FLAT PANEL TEMP. SENSOR

HVAC SEISMIC NOTES

1. SHERIDAN ELEMENTARY SCHOOL SAFE ROOM IS CLASSIFIED AS SEISMIC DESIGN CATEGORY D AND RISK CATEGORY IV WITH COMPONENT IMPORTANCE FACTOR (Ip) = 1.0.
2. THE CONTRACTOR SHALL BE FAMILIAR WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC) AND ARKANSAS AMENDMENT SUCH THAT THE SYSTEMS AND THE COMPONENTS ARE INSTALLED TO COMPLY.
3. BECAUSE THE COMPONENTS OF THESE FACILITIES HAVE A COMPONENT IMPORTANCE FACTOR (Ip) = 1.0, THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS ARE EXEMPT FROM THE REQUIREMENTS OF THE SECTION:
   a. COMPONENTS WHICH HAVE FLEXIBLE CONNECTIONS BETWEEN THE ASSOCIATED DUCTWORK, PIPING AND CONDUIT, ARE MOUNTED 4 FEET OR LESS ABOVE FLOOR LEVEL AND WEIGH 400 POUNDS OR LESS. COMPONENTS WEIGHING 20 POUNDS OR LESS SUCH AS AIR DEVICES DO NOT HAVE A HEIGHT RESTRICTION.
   b. HVAC DUCTS ARE SUSPENDED FROM HANGERS WHICH AVOID SIGNIFICANT BENDING AND ARE 12" OR LESS IN LENGTH FROM THE TOP OF THE DUCT TO THE STRUCTURE. TRAPEZE ASSEMBLIES ARE USED TO SUPPORT DUCTWORK AND THE TOTAL WEIGHT OF THE DUCTWORK SUPPORTED BY TRAPEZE ASSEMBLIES IS LESS THAN 10 LB/FT.
   c. PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER DUCTS OR MECHANICAL COMPONENTS OR TO PROTECT THE DUCTS IN THE EVENT OF SUCH IMPACT; AND HVAC DUCTS HAVE A CROSS-SECTIONAL AREA OF LESS THAN 6 FT².
   d. EQUIPMENT INSTALLED IN-LINE WITH DUCT SYSTEM (FANS, HEAT EXCHANGERS, HUMIDIFIERS, ETC) WHICH ARE 75 POUNDS OR LESS.
   e. PIPING SUPPORTED BY ROD HANGERS WHICH ARE 12" OR LESS IN LENGTH FROM TOP OF PIPES TO STRUCTURE. THE HANGERS MUST BE RIGID CONSTRUCTION WHICH WILL NOT BE SUBJECT TO BENDING. WHERE ROD HANGERS ARE USED, THEY SHALL BE EQUIPPED WITH SWIVELS TO PREVENT INELASTIC BENDING IN THE ROD.
   f. PIPING WHICH IS 3" OR LESS THAT CAN TOLERATE SUBSTANTIAL PERMANENT DEFORMATION AND STILL PERFORM IT'S FUNCTIONS SUCH AS WELDED STEEL, COPPER AND FLEX PIPING.
   g. COMPONENTS SUPPORTED BY CHAINS OR SIMILARLY SUSPENDED FROM ABOVE ARE NOT REQUIRED TO MEET THE LATERAL SEISMIC FORCE REQUIREMENTS AND SEISMIC RELATIVE DISPLACEMENT REQUIREMENTS PROVIDED THAT THEY CANNOT BE DAMAGED OR CANNOT DAMAGE ANY OTHER COMPONENT WHEN SUBJECTED TO SEISMIC MOTION AND THEY HAVE DUCTILE OR ARTICULATING CONNECTIONS TO THE STRUCTURE AT THE POINT OF ATTACHMENT. THE GRAVITY DESIGN LOAD FOR THESE ITEMS SHALL BE THREE TIMES THEIR OPERATING LOAD.
4. ALL HVAC DUCT SYSTEM APPURTENANCES SUCH AS DAMPERS AND LOUVERS SHALL BE POSITIVELY ATTACHED WITH MECHANICAL FASTENERS.
5. ALL CEILING MOUNTED EQUIPMENT SUCH AS EXHAUST FANS SHALL BE SECURED TO THE STRUCTURE WITH #12 GA STEEL WIRE ON TWO (2) SIDES UNLESS UNIT IS TWENTY (20) POUNDS OR LESS.
6. ALL MECHANICAL EQUIPMENT SHALL BE FASTENED (REMOVABLE) TO THE PLATFORM OR HOUSEKEEPING PAD AS INDICATED ON PLANS. RETURN AIR PLENUM/ PLATFORMS SHALL BE FASTENED TO THE FLOOR OR STRUCTURE.

HVAC SEISMIC NOTES

1. SHERIDAN ELEMENTARY SCHOOL IS CLASSIFIED AS SEISMIC DESIGN CATEGORY C AND RISK CATEGORY III WITH A COMPONENT IMPORTANCE FACTOR OF (Ip) = 1.0.
2. THE CONTRACTOR SHALL BE FAMILIAR WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC) AND ARKANSAS AMENDMENTS SUCH THAT THE SYSTEMS AND THE COMPONENTS ARE INSTALLED TO COMPLY.
3. BECAUSE THE COMPONENTS OF THESE FACILITIES HAVE A COMPONENT IMPORTANCE FACTOR (Ip) = 1.0, THE MECHANICAL COMPONENTS ARE EXEMPT FROM THE REQUIREMENTS OF THE SECTION.

HVAC ABBREVIATIONS

(SEE SHT T-1 FOR GENERAL ABBREVIATIONS)

A.F.F.	ABOVE FINISHED FLOOR
ABV.	ABOVE
CFM	CUBIC FEET PER MINUTE
DISCH.	DISCHARGE
DN.	DOWN
MIN.	MINIMUM
OSA	OUTSIDE AIR
PLUMB.	PLUMBING
R.A.	RETURN AIR
S.A.	SUPPLY AIR
T-STAT	THERMOSTAT
U.N.O.	UNLESS NOTED OTHERWISE
W/	WITH
I.D.	INTERNAL DIAMETER
EXT. INSUL.	EXTERNALLY INSULATED
INT. INSUL.	INTERNALLY INSULATED
VRF	VARIABLE REFRIGERANT FLOW
LAT	LEAVING AIR TEMPERATURE

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HVAC LEGENDS & SCHEDULES

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION — LEWIS ARCHITECTS ENGINEERS — No. 186 — ARKANSAS ENGINEER — NOT VALID
STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 20752 — DANIEL ALLISON

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: DBA
REV:

M2.2

Direct Drive Upblast Centrifugal Wall Exhaust Fan

MARK INFORMATION		FAN INFORMATION									SOUND INFORMATION					MOTOR INFORMATION								
MARK	QTY	MODEL	DRIVE TYPE	VOLUME (CFM)	EXTERNAL SP (IN. WG)	TOTAL EXTERNAL SP (IN. WG)	FAN SPEED (RPM)	OUTLET VELOCITY (FT/MIN)	FEI	TOTAL WEIGHT (LB)	INLET dBA	INLET SONES	INLET SONES (SPHERICAL)	OUTLET dBA	OUTLET SONES	OPERATING POWER (HP)	MOTOR SIZE (HP)	FEP INPUT POWER (KW)	ENCLOSURE	VOLTAGE	CYCLE	PHASE	EC MOTOR	NEC FLA*
KEF-1	1	CUE-160HP-VG	Direct	2,119	1.034	1.034	1,525	1,231.98	1.35	140	67.19	16.11	0	0	0	0.74	1	0	TF	208	60	3	VariGreen	4.6

NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory

KEF-1 : SELECTED OPTIONS AND ACCESSORIES
Curb Cap Size - 26 Square
Sidewall Mounting - Fan Configured for Wall-Mounted Applications
Curb will be Mounted to the Wall
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)
Switch, NEMA-1, Toggle,
Hinge, Factory Installed
Hinge Latch (PN: 879145), Shipped Loose
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
Fastener Material: Stainless
Grease Pan Kit - Containment Configured for Wall-Mounted Applications (PN:879137)
Grease Trap (PN:475538)
Birdscreen: Stainless Steel, nom. 85% Free Area
Clean-out Port - Factory Installed
Aluminum Wheel Material

Direct Drive Upblast Centrifugal Wall Exhaust Fan

MARK INFORMATION		FAN INFORMATION									SOUND INFORMATION					MOTOR INFORMATION								
MARK	QTY	MODEL	DRIVE TYPE	VOLUME (CFM)	EXTERNAL SP (IN. WG)	TOTAL EXTERNAL SP (IN. WG)	FAN SPEED (RPM)	OUTLET VELOCITY (FT/MIN)	FEI	TOTAL WEIGHT (LB)	INLET dBA	INLET SONES	INLET SONES (SPHERICAL)	OUTLET dBA	OUTLET SONES	OPERATING POWER (HP)	MOTOR SIZE (HP)	FEP INPUT POWER (KW)	ENCLOSURE	VOLTAGE	CYCLE	PHASE	EC MOTOR	NEC FLA*
KEF-2	1	CUE-160HP-VG	Direct	2,119	1.034	1.034	1,525	1,231.98	1.35	140	67.19	16.11	0	0	0	0.74	1	0	TF	208	60	3	VariGreen	4.6

NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory

KEF-2 : SELECTED OPTIONS AND ACCESSORIES
Curb Cap Size - 26 Square
Sidewall Mounting - Fan Configured for Wall-Mounted Applications
Curb will be Mounted to the Wall
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)
Switch, NEMA-1, Toggle,
Hinge, Factory Installed
Hinge Latch (PN: 879145), Shipped Loose
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
Fastener Material: Stainless
Grease Pan Kit - Containment Configured for Wall-Mounted Applications (PN:879137)
Grease Trap (PN:475538)
Birdscreen: Stainless Steel, nom. 85% Free Area
Clean-out Port - Factory Installed
Aluminum Wheel Material

HOOD INFORMATION

HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	EXHAUST					SUPPLY		HANGING WEIGHT LBS.	SECTION LOCATION
			LENGTH	WIDTH	HEIGHT			TOTAL CFM	COLLAR(S) WIDTH	COLLAR(S) LENGTH	COLLAR(S) DIA.	COLLAR(S) CFM	COLLAR(S) S.P	MUA CFM	AC CFM	
1	KH-1	GXEW-113-S	113	54	24	430 SS WHERE EXPOSED	HEAVY	2119			16	2119	0.534	1695		371	LEFT
2	KH-1	GXEW-113-S	113	54	24	430 SS WHERE EXPOSED	HEAVY	2119			16	2119	0.534	1695		371	RIGHT

HOOD INFORMATION

HOOD NO.	MARK	LIGHTING DETAILS			GREASE FILTRATION DETAILS			UTILITY CABINET(S)					
		FIXTURE TYPE BULB / LAMP INFO	QTY	FOOT CANDLES	TYPE / MODEL MATERIAL	QTY	SIZE (IN.) L	SIZE (IN.) H	LOCATION	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	CONTROLS MODEL	CONTROLS INTERFACE
1	KH-1	ROUND LED	2	62.14	X-TRACTOR (SPARK ARRESTOR INCL.) STAINLESS STEEL	2	16	20	WALL	ANSUL R102	6	GKC	
						4	20						
2	KH-1	ROUND LED	2	62.14	X-TRACTOR (SPARK ARRESTOR INCL.) STAINLESS STEEL	2	16	20					
						4	20						

SUPPLY PLENUM INFORMATION

HOOD NO.	MARK	POS.	TYPE	SIZE (IN.) L	SIZE (IN.) W	SIZE (IN.) H	INSULATED	DAMPER(S)	LED LIGHT(S) SUPPLIED	LED LIGHT(S) QTY	TOTAL CFM	TOTAL S.P.	COLLARS TYPE	COLLARS MOUNTING	COLLARS QTY	COLLARS W	COLLARS L	COLLARS DIA	COLLARS CFM	COLLARS VEL
1	KH-1	FRONT	ASP	114	14	4	NO	YES	NO		1695	0.01	MUA	FACTORY	3	12	26		565	261
2	KH-1	FRONT	ASP	114	14	4	NO	YES	NO		1695	0.01	MUA	FACTORY	3	12	26		565	261

HOOD OPTIONS

- UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #MH11726
- BACK INTEGRAL AIR SPACE - 3 IN WIDE
- LEFT NON-INTEGRAL AIR SPACE - 1 IN THICK - ZERO CLEARANCE
- RIGHT NON-INTEGRAL AIR SPACE - 1 IN THICK - ZERO CLEARANCE
- 18 IN HIGH CEILING ENCLOSURES - FRONT - FIELD INSTALLED
- CONTINUOUS CAPTURE
- FACTORY MOUNTED EXHAUST COLLAR(S)
- EXHAUST AIR BALANCING BAFFLE(S) - (EABB)
- WALL UTILITY CABINET 24 IN HIGH 54 IN LONG 12 IN WIDE
- BACKSPLASH 80.00 IN HIGH 228.00 IN LONG
- PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
- STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH

FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS HOODS	FLOW POINTS PCU	SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
FIRE SUPPRESSION	ANSUL R-102 WET CHEMICAL	WALL CABINET – ON KH-1	17 UTILIZED 22 AVAILABLE		CONTINUOUS	FUSIBLE LINK	KH-1 SECTION 1
							KH-1 SECTION 2

FIRE SYSTEM OPTIONS AND ACCESSORIES

- PRE-PIPE WITH FACTORY PARTS (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND DISTRIBUTOR SUPPLIED PARTS)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- GAS VALVE - INCLUDED - MECHANICAL SHUTOFF VALVE, 2", (ANSUL) - PART# 468817
- HOOD SUPPRESSION TANK - INCLUDED - 6 GAL. - [(2) 3.0 TANK(S)]
- REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

EQUIPMENT SCHEDULE

Tempered Make-Up Air Unit — **Mark: KMAU-1**

Qty	Greenheck Model	Volume	External SP	Total SP	MCA	MOP	Weight	SCCR
1	DGX-P115-H12-MF	3,390 CFM	0.26 in. wg	1.123 in. wg	8.9	15	636 lb	5kA

Motor Information

Size	V/C/P	Enclosure	Motor with Shaft Gounding	Motor RPM	Operating Power
1 1/2 hp	208/60/3	ODP	No	1725	1.14 hp

Heating

Type	Gas Type	Temperature			Energy			Connection Gas (IN)	Building Gas Pressure	Control Access	Gas Pressure	
		Winter DB	Max Δ	Max LAT	Input	Output	Efficiency				Min	Max
Direct Gas	Natural	17.2 F	52.8 F	70.0 F	210.1 MBH	193.3 MBH	92%	3/4"	1/2 PSI	Right Hand	8 in. wg	0.5 PSI

Outlet Sound Power By Octave Band								LwA	dBA	Sones
62.5	125	250	500	1000	2000	4000	8000			
78.6	*73.8*	*74.5*	*79.3*	*74.8*	*73.7*	*72.7*	*67.9*	*81.3*	*70.3*	*17.7*

- *LwA - A weighted sound power level based on ANSI 51.4*
- *dBA - A weighted sound pressure level base on 11.7 dB attenuation per octabe band at 5.0 ft*
- *Noise Criteria (NC) based on an average attenuation of 11.5 dB per octabe band at 5.0 ft*

OPTIONS AND ACCESSORIES

- Make Up Air
- Air Flow Arrangement: Variable Volume
- Weatherhood: Aluminum Mesh, 16x20x2 - (4)
- Damper: Inlet
- Outdoor Air Intake Position: End
- Discharge Position: End
- Coating: Galvanized
- Insulation: Double Wall - Tempering On
- Supply Fan Control: VFD
- VFD Control: External 0-10 VDC
- Hinged Access
- Access Side: Right-Hand
- Unit Weight: 636 lb
- Control Center
- Freeze Protection
- Heat Inlet Air Sensor
- Unit Controls: Microprocessor
- Temperature Control: Discharge
- BMS Protocol: None
- Direct Gas Options/Accessories
- Approvals: ETL

CONTROL INFORMATION

MARK	MAIN ELECTRICAL CONTROL PACKAGE MODEL	MAIN ELECTRICAL CONTROL PACKAGE LOCATION	MAIN USER INTERFACE TYPE	MAIN USER INTERFACE LOCATION
CONTROLS	GKC-DCV-S-21-2-1-0	WALL CABINET ON KH-1	FULL COLOR TOUCHSCREEN	HOOD – FACE MOUNT LEFT END OF KH-1 SECTION 1

FANS CONTROLLED

FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
1	EXHAUST	E1	KEF-1	1	2119	1	208	60	3	NO	NO
2	EXHAUST	E2	KEF-2	1	2119	1	208	60	3	NO	NO
3	SUPPLY	S1	KMAU-1	1	3390	1.5	208	60	3	NO	NO

CONTROL FEATURES

- HOOD LIGHT CONTROL
- TEMP SENSORS (FACTORY INSTALLED) - QTY. 2
- DRY FIRE CONTACTS - QTY. 1
- LIGHTS OFF DURING FIRE
- EXHAUST MAX DURING FIRE
- SUPPLY OFF DURING FIRE

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KITCHEN EQUIPMENT SCHEDULE

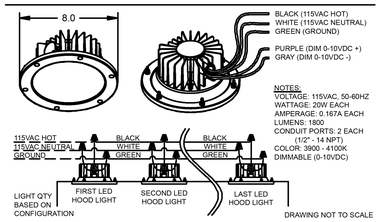
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS JOINT VENTURE
No. 186
ARKANSAS ENGINEER
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20752
DANIEL ALLISON

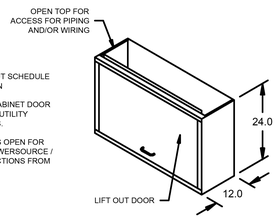
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: DBA
REV:

M3.1

ROUND LED LIGHT DETAIL



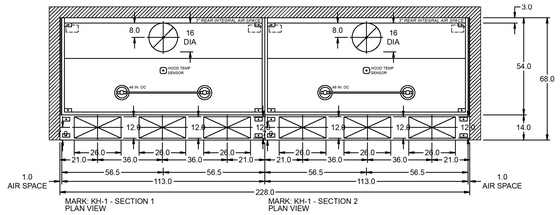
UTILITY CABINET DETAIL



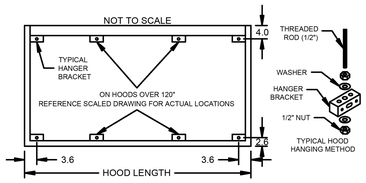
NOTES:
REFERENCE EQUIPMENT SCHEDULE FOR CABINET LOCATION

24" REQUIRED FROM CABINET DOOR TO ALLOW ACCESS TO UTILITY CABINET COMPONENTS.

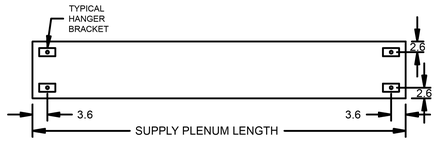
UTILITY CABINET TOP IS OPEN FOR ACCESSABILITY TO POWERSOURCE / COMPONENT CONNNECTIONS FROM THE CEILING



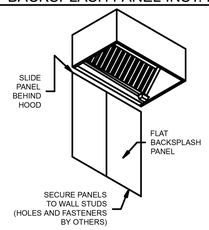
HOOD HANGER BRACKET DETAIL

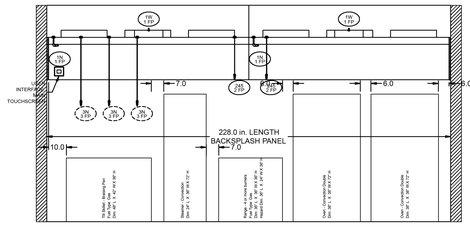


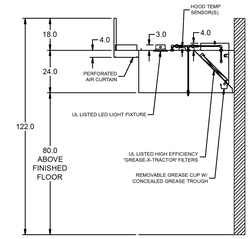
SUPPLY PLENUM HANGER BRACKET DETAIL



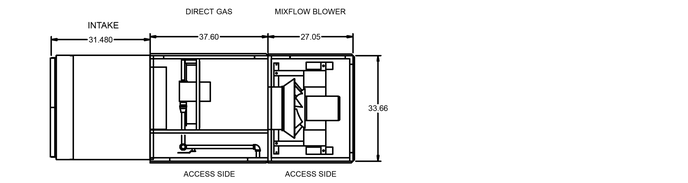
FLAT BACKSPLASH PANEL INST. DETAIL



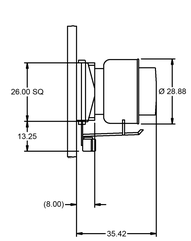


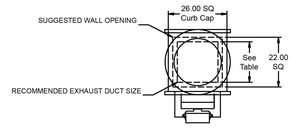


KITCHEN HOOD DETAILS



MAKE UP AIR UNIT DETAILS



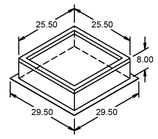


DUCT TYPE	SIZE
STANDARD	18 SQ
FIRE-WRAPPED	12 SQ

NOTE: SUGGESTED WALL OPENING WITH ROOF CURB - 26

DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB. CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.

OVERALL HEIGHT MAY BE GREATER DEPENDING ON MOTOR, ADAPTER, AND/OR HINGE BASE.



KITCHEN EXHAUST FAN DETAILS

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KITCHEN EQUIPMENT DETAILS

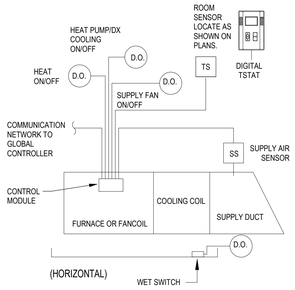
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS JOINT VENTURE
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20752
DANIEL ALLISON

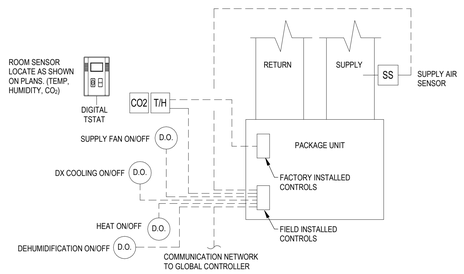
DATE: 2026-05-18
PROJECT NO: 25053
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M3.2



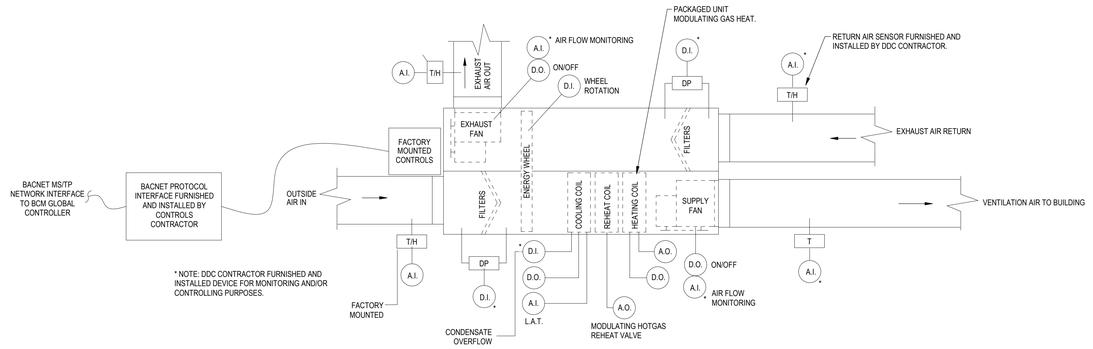
2 M4.1 CONTROLS - FURNACE

NOT TO SCALE



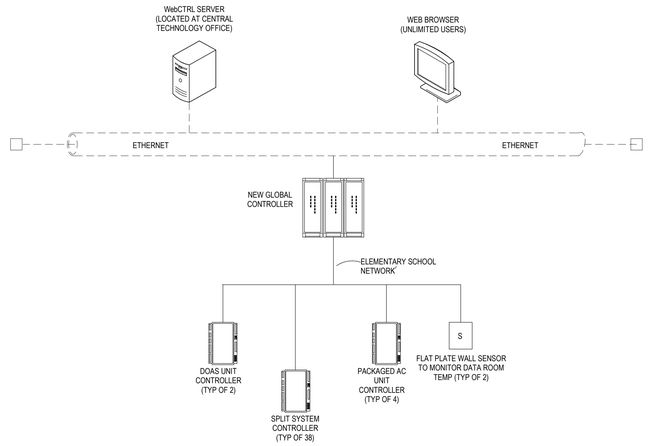
3 M4.1 CONTROLS - PACKAGE UNIT

NOT TO SCALE



4 M4.1 CONTROLS - PACKAGE OUTSIDE AIR UNIT

NOT TO SCALE



6 M4.1 CONTROLS RISER

NOT TO SCALE

SEQUENCE OF OPERATION

REFER TO SECTION 23 09 23

1. GENERAL
   A. OCCUPIED/UNOCCUPIED MODE SHALL BE DETERMINED BY OWNER/OPERATOR BASED ON A WEEKLY SCHEDULE WITH EVENT AND HOLIDAY OVERRIDE SCHEDULES.

2. POAU-1, 2
   A. THE HEAT RECOVERY UNIT SHALL BE ENABLED BY THE DDC GLOBAL CONTROLLER BASED ON "OCCUPIED" SETTING. FACTORY CONTROLS SHALL OPEN DAMPERS, AND START FAN AND WHEEL AND SEQUENCE HEATING, VENTILATION, COOLING, AND DEHUMIDIFICATION AS REQUIRED TO MAINTAIN LEAVING AIR TEMP SETPOINT. OUTSIDE AIR CONDITIONS SHALL DETERMINE MODE OF OPERATION. WHEN OUTSIDE AIR DEWPOINT IS ABOVE SETPOINT, DEHUMIDIFICATION MODE SHALL ENABLE, AND COOLING WILL STAGE AS REQUIRED TO MAINTAIN EVAPORATOR COIL TEMPERATURE SETPOINT USING SUCTION PRESSURE SENSOR WHILE SUPPLY AIR SENSOR MODULATES HOT GAS REHEAT VALVE AS REQUIRED TO MAINTAIN LEAVING AIR SETPOINT (72°F ADJ.). WHEN OUTSIDE AIR DEWPOINT IS BELOW SETPOINT AND SUPPLY AIR TEMP RISES ABOVE SETPOINT, DX COOLING SHALL ACTIVATE AND SEQUENCE AS REQUIRED TO MAINTAIN LEAVING AIR TEMP SETPOINT (72°F ADJ.) SUBJECT TO MINIMUM ON/OFF COMPRESSOR RUNTIME AND INTER-STAGE CONTROL TIMERS AND DEADBAND TEMPERATURE.
   B. VENTILATION MODE SHALL OCCUR WHEN OUTSIDE DEWPOINT IS BELOW SETPOINT AND OUTSIDE AIR DRYBULB TEMP IS WITHIN VENT MODE DEADBAND AROUND SUPPLY AIR SETPOINT. DX COOLING AND HEAT ARE DISABLED IN 'VENT MODE.
   C. HEATING MODE SHALL OCCUR WHEN OUTSIDE AIR DRY BULB TEMP DROPS BELOW HEAT MODE SETPOINT AND SUPPLY AIR SENSOR SHALL MODULATE HEATING AS REQUIRED TO MAINTAIN SUPPLY TEMP SETPOINT (72°F ADJ.).
   D. SUPPLY AIR TEMP SHALL BE SET TO 72 DEG F.
   E. SUPPLY AND EXHAUST FANS SHALL BE CONSTANT VOLUME AS SET BY AIR BALANCE CONTRACTOR.

3. GAS-FIRED PACKAGED UNITS (AC-1, 2, 3, & 4)
   A. SHALL BE CONTROLLED BY DDC CONTROLLER (TEMP. & HUMIDITY CONTROL). FIELD INSTALLED CO2 SENSOR WITH INTEGRAL ECONOMIZER CONTROLLER. PRESET OCCUPIED/UNOCCUPIED SCHEDULES AS DIRECTED BY OWNER.
   B. OCCUPIED MODE
      1. BLOWER SHALL CYCLE IN SEQUENCE ON DEMAND FOR HEATING OR COOLING OR DEHUMIDIFICATION.
      2. INTEGRAL EQUIPMENT CONTROLS SHALL MODULATE ECONOMIZER, COMPRESSORS, DEHUMIDIFICATION CYCLE, VENTILATION AIR BASED ON CO2 AND HEATING CYCLE AS REQUIRED TO MAINTAIN SET TEMPERATURE AND RELATIVE HUMIDITY (60% MAXIMUM RH).
      3. 75°F COOLING/70°F HEATING (ADJUSTABLE).
   C. UNOCCUPIED MODE
      1. BLOWER SHALL CYCLE IN SEQUENCE ON DEMAND FOR HEATING OR COOLING OR DEHUMIDIFICATION.
      2. OUTSIDE AIR DAMPER SHALL CLOSE.
      3. 84°F COOLING / 62°F HEATING (ADJUSTABLE).
   D. ECONOMIZER CYCLE SHALL BE ACTIVATED BASED ON ENTHALPY COMPARISON OF OUTSIDE AIR VERSUS RETURN AIR.
   E. CARBON DIOXIDE MONITORING SHALL PROVIDE AN OVERRIDE OF THE ECONOMIZER TO VENTILATION AIR MAXIMUM POSITION IN RESPONSE TO ELEVATED CO2 LEVELS (DAMPER POSITION SHALL PROPORTIONALLY INCREASE FROM MINIMUM CFM POSITION AT 500 PPM AND OPEN TO MAX POSITION AT 1100 PPM.) REFER TO OUTSIDE AIR SCHEDULE FOR AIRFLOW AMOUNT.

4. IT ROOM COOLING ONLY UNIT (DSCU/DSFC-1 & 2)
   A. UNIT SHALL BE CONTROLLED BY WALL MOUNTED MANUFACTURER SUPPLIED CONTROLLER SET FOR 75°F COOLING (ADJUSTABLE).
   B. DDC SYSTEM SHALL MONITOR SPACE TEMPERATURE VIA FLAT PLATE WALL TEMPERATURE SENSOR AND ALARM ON SPACE TEMP. ABOVE 90°F.

5. DUCTLESS SPLIT HEATING/COOLING UNIT (HP/FC-1)
   A. UNIT SHALL BE CONTROLLED BY WALL MOUNTED MANUFACTURER SUPPLIED CONTROLLER SET FOR 75°F COOLING / 70°F HEATING (ADJUSTABLE).
   B. OCCUPIED MODE
      a. BLOWER SHALL CYCLE ON DEMAND FOR HEATING OR COOLING.
      b. 75°F COOLING/70°F HEATING (ADJUSTABLE).
      c. 7:00 AM TO 6:00 PM (M-F) (ADJUSTABLE).
   C. UNOCCUPIED MODE
      a. BLOWER SHALL CYCLE ON DEMAND FOR HEATING OR COOLING - 84°F COOLING/62°F HEATING (ADJUSTABLE).

6. SPLIT HEATING/COOLING UNIT (CUF-1 THRU 37)
   A. UNIT SHALL BE CONTROLLED BY WALL MOUNTED DDC SUPPLIED CONTROLLER SET FOR 75°F COOLING / 70°F HEATING (ADJUSTABLE).
   B. OCCUPIED MODE
      a. BLOWER SHALL CYCLE ON DEMAND FOR HEATING OR COOLING.
      b. 75°F COOLING/70°F HEATING (ADJUSTABLE).
      c. 7:00 AM TO 6:00 PM (M-F) (ADJUSTABLE).
   C. UNOCCUPIED MODE
      a. BLOWER SHALL CYCLE ON DEMAND FOR HEATING OR COOLING.
      b. 84°F COOLING/62°F HEATING (ADJUSTABLE).

7. FANS (EF's, KF-1, DHEF-1, KEF-1, 2, MAU-1)
   A. EF-1, 2, 3, 4, 8 THRU 14, 16 THRU 31, 33-40
      SHALL BE ACTIVATED BY LIGHT SWITCH IN CORRESPONDING SPACE.
   B. EF-5, 7, 15, 32
      SHALL BE CONTROLLED BY WALL MOUNTED MANUAL MOTOR STARTER. SWITCH FURNISHED BY ELECTRICAL CONTRACTOR.
   C. EF-21
      SHALL BE CONTROLLED BY DDC SYSTEM TO RUN WHEN POAU-1 IS RUNNING.
   D. EF-6
      SHALL BE CONTROLLED BY WALL MOUNTED THERMOSTAT TO RUN WHEN ROOM TEMPERATURE IS ABOVE 80 DEGREES F.
   D. KEF-1, 2
      SHALL BE ACTIVATED BY HOOD MOUNTED SWITCH AND INTERLOCKED WITH SUPPLY FAN SUPPRESSION SYSTEM.
   A. KMAU-1
      SHALL BE CONTROLLED BY SWITCH ADJACENT TO KITCHEN HOOD. INTERLOCKED WITH EXHAUST FANS (KEF-1 & 2). MAU-1 SHALL SHUTDOWN ON ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM AND EXHAUST FANS SHALL REMAIN IN OPERATION.
   B. DHEF-1
      SHALL BE CONTROLLED BY WALL SWITCH WIRED BY ELECTRICAL CONTRACTOR.

8. ELECTRIC WALL HEATER (EH-1)
   A. SHALL BE CONTROLLED BY INTEGRAL T-STAT - SET TO 60 DEG F.

CONTROLS LEGEND

A.O.	ANALOG OUTPUT	S	TEMPERATURE SENSOR
A.I.	ANALOG INPUT	T/H	TEMPERATURE/HUMIDITY SENSOR
D.O.	DIGITAL OUTPUT	DP	DIFFERENTIAL PRESSURE SENSOR
D.I.	DIGITAL INPUT	H	HUMIDITY SENSOR
		CO_2	CO_2 SENSOR

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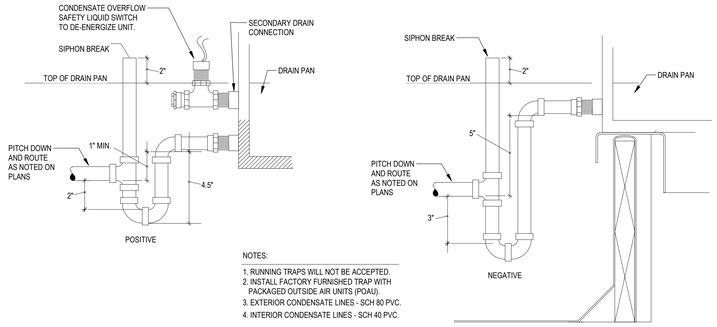
HVAC CONTROLS

EAST END ELEMENTARY
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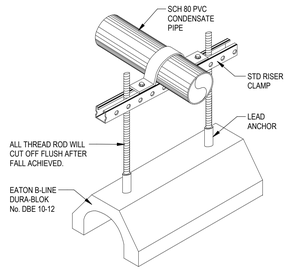
M4.1



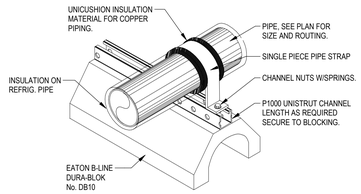
NOTES:

1. RUNNING TRAPS WILL NOT BE ACCEPTED.
2. INSTALL FACTORY FURNISHED TRAP WITH PACKAGED OUTSIDE AIR UNITS (POAU).
3. EXTERIOR CONDENSATE LINES - SCH 80 PVC.
4. INTERIOR CONDENSATE LINES - SCH 40 PVC.

1 M5.1 CONDENSATE TRAP DETAIL
NOT TO SCALE

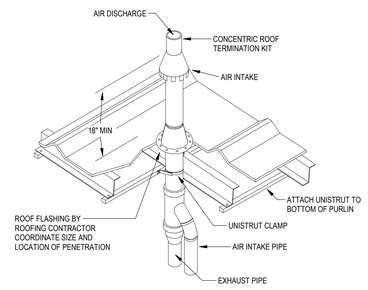


CONDENSATE PIPE

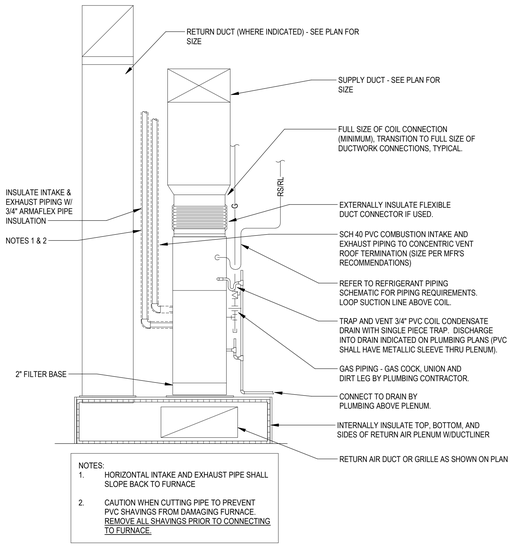


GAS AND REFRIGERANT PIPE

2 M5.1 PIPE SUPPORT DETAIL
NOT TO SCALE



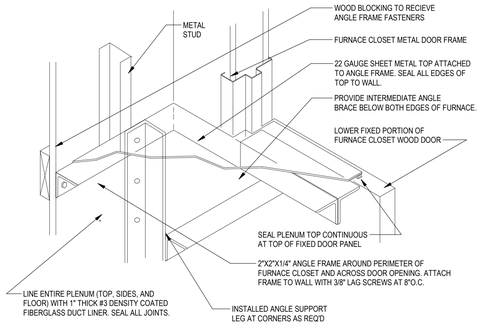
3 M5.1 CONCENTRIC VENT THRU ROOF DETAIL
NOT TO SCALE



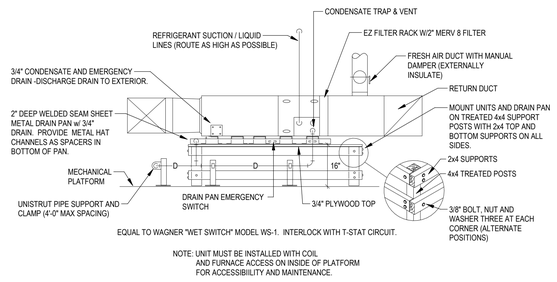
NOTES:

1. HORIZONTAL INTAKE AND EXHAUST PIPE SHALL SLOPE BACK TO FURNACE.
2. CAUTION WHEN CUTTING PIPE TO PREVENT PVC SHAVINGS FROM DAMAGING FURNACE. REMOVE ALL SHAVINGS PRIOR TO CONNECTING TO FURNACE.

4 M5.1 VERTICAL FURNACE DETAIL
NOT TO SCALE



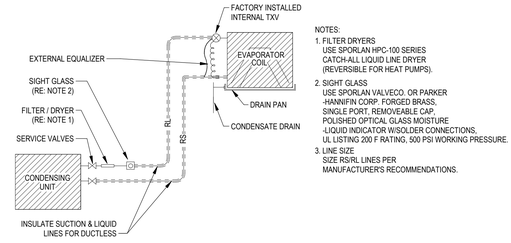
5 M5.1 FURNACE CLOSET PLATFORM DETAIL
NOT TO SCALE



EQUAL TO WAGNER "WET SWITCH" MODEL WS-1. INTERLOCK WITH T-STAT CIRCUIT.

NOTE: UNIT MUST BE INSTALLED WITH COIL AND FURNACE ACCESS ON INSIDE OF PLATFORM FOR ACCESSIBILITY AND MAINTENANCE.

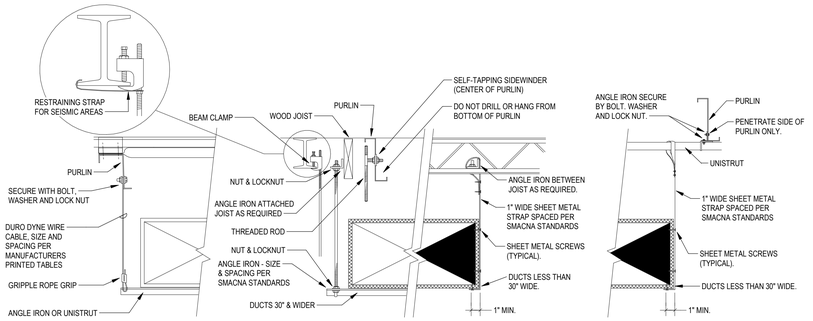
6 M5.1 HORIZONTAL FURNACE DETAIL
NOT TO SCALE



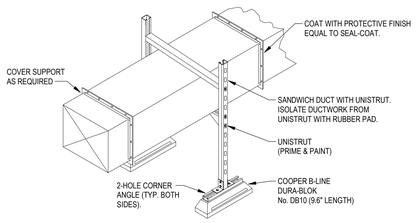
NOTES:

1. FILTER DRYERS USE SPORLAN HPC-100 SERIES CATCH-ALL LIQUID LINE DRYER (REVERSIBLE FOR HEAT PUMPS).
2. SIGHT GLASS USE SPORLAN VALVECO. OR PARKER -HANNIFIN CORP. FORGED BRASS, SINGLE PORT, REMOVEABLE CAP, POLISHED OPTICAL GLASS MOISTURE -LIQUID INDICATOR W/SOLDER CONNECTIONS. UL LISTING 200 F RATING, 500 PSI WORKING PRESSURE.
3. LINE SIZE SIZE RS/RL LINES PER MANUFACTURER'S RECOMMENDATIONS.

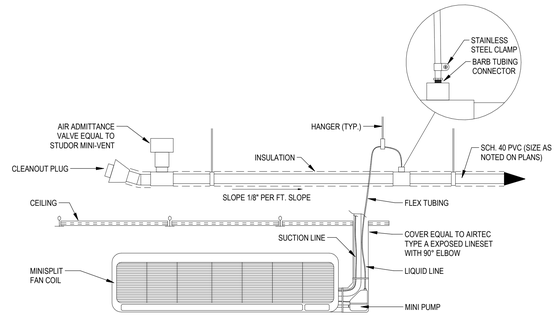
7 M5.1 REFRIGERANT PIPING SCHEMATIC
NOT TO SCALE



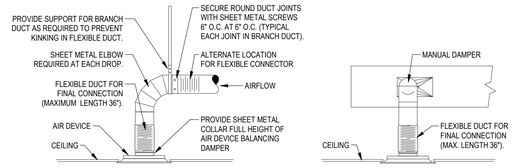
8 M5.1 DUCT SUPPORT DETAIL
NOT TO SCALE



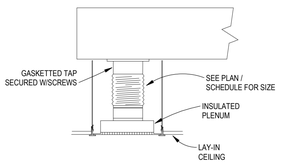
9 M5.1 EXTERIOR DUCT SUPPORT DETAIL
NOT TO SCALE



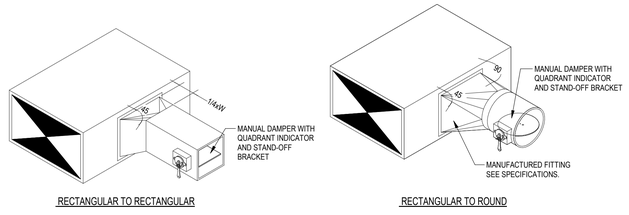
10 M5.1 MINI-SPLIT LINESET AND COVER DETAIL
NOT TO SCALE



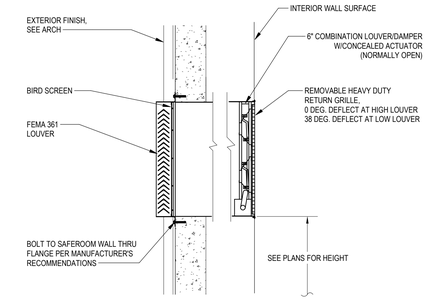
11 M5.1 DIFFUSER CONNECTION DETAIL
NOT TO SCALE



12 M5.1 CEILING RETURN/EXHAUST
NOT TO SCALE



13 M5.1 DUCT TAKE-OFF DETAIL
NOT TO SCALE



14 M5.1 FEMA LOUVER DETAIL - PRECAST
NOT TO SCALE

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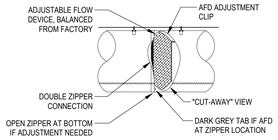
HVAC DETAILS

EAST END ELEMENTARY
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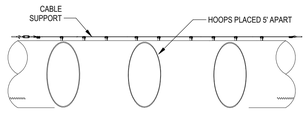
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M5.1



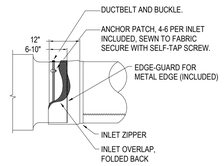
NOTE: INSTALLED AT ZIPPER LOCATION AT INLET OR AS SPECIFIED IN OTHER LOCATIONS. ZIPPER TO ZIPPER CONNECTION AS SHOWN. EXTERNAL LABEL IDENTIFIES LOCATION.

1 M5.2 **FABRIC DUCT ADJUSTABLE FLOW DEVICE**
NOT TO SCALE

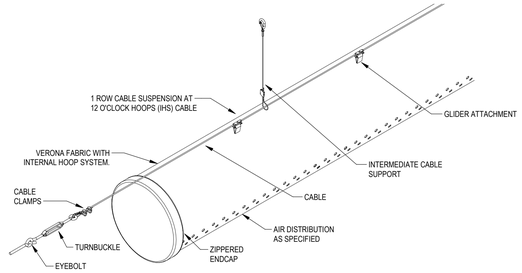


VIEW OF INTERIOR OF DUCTSOX WITH HOOPS (IHS) HANGING

2 M5.2 **FABRIC DUCT CUT-AWAY**
NOT TO SCALE



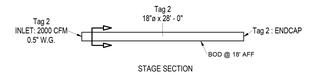
3 M5.2 **FABRIC DUCT INLET ATTACHMENT**
NOT TO SCALE



4 M5.2 **FABRIC DUCT SINGLE LINE SUSPENSION**
NOT TO SCALE



SAFEROOM SECTION

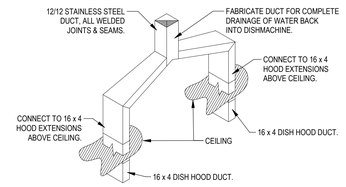


STAGE SECTION

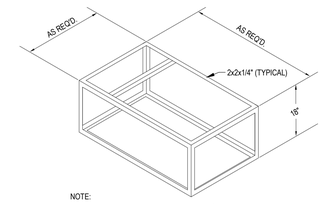
Dispersion Information (Velocity of 150, 100, 50 FPM)

Tag #	CFM Dispersed	Dispersion Type	%	Dispersion Set 1	%	Dispersion Set 2
1	9700	Orifice	67	Size 2.0 at 4:00 - 16' 25' 39'	33	Size 1.0 at 6:00 - 8' 12' 20'
2	2000	Orifice	50	Size 1.0 at 5:00 - 8' 12' 19'	50	Size 1.0 at 7:00 - 8' 12' 19'

5 M5.2 **FABRIC DUCT DETAILS**
NOT TO SCALE



6 M5.2 **DISHMACHINE EXHAUST**
NOT TO SCALE



NOTE:
1. COVER TOP, BOTTOM AND EXPOSED SIDES WITH 20 GA. SHEET METAL. SEAL ALL JOINTS AIR TIGHT.
2. COVER ALL INTERIOR SURFACES OF PLENUM WITH 1" 3# DENSITY COATED FIBERGLASS LINER.
3. IF THERE ARE MULTIPLE FURNACE PLENUMS IN AN AREA PROVIDE DIVIDER PIECE FOR EACH PLENUM.

7 M5.2 **FURNACE PLATFORM**
NOT TO SCALE

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LEWIS ARCHITECTS ENGINEERS

HVAC DETAILS

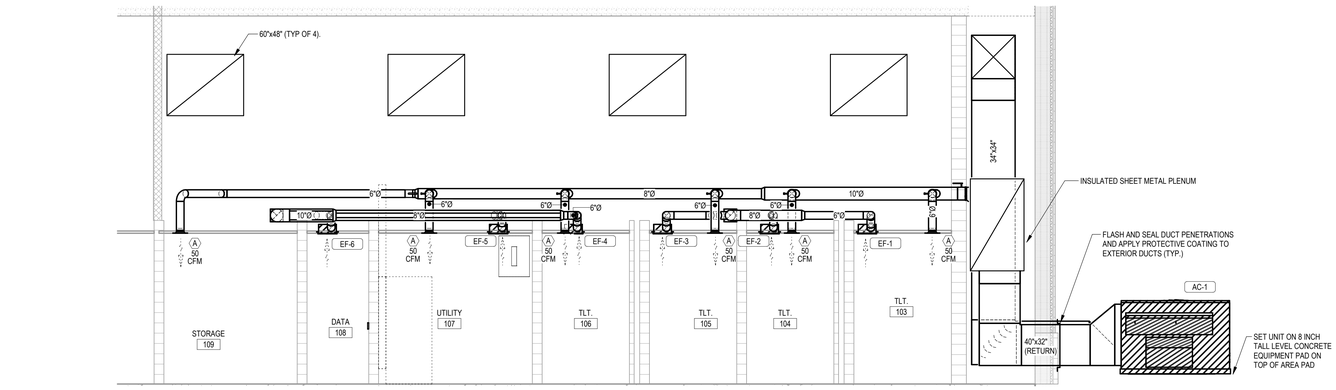
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS INC.
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20752
DANIEL ALLISON

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: DBA
REV:

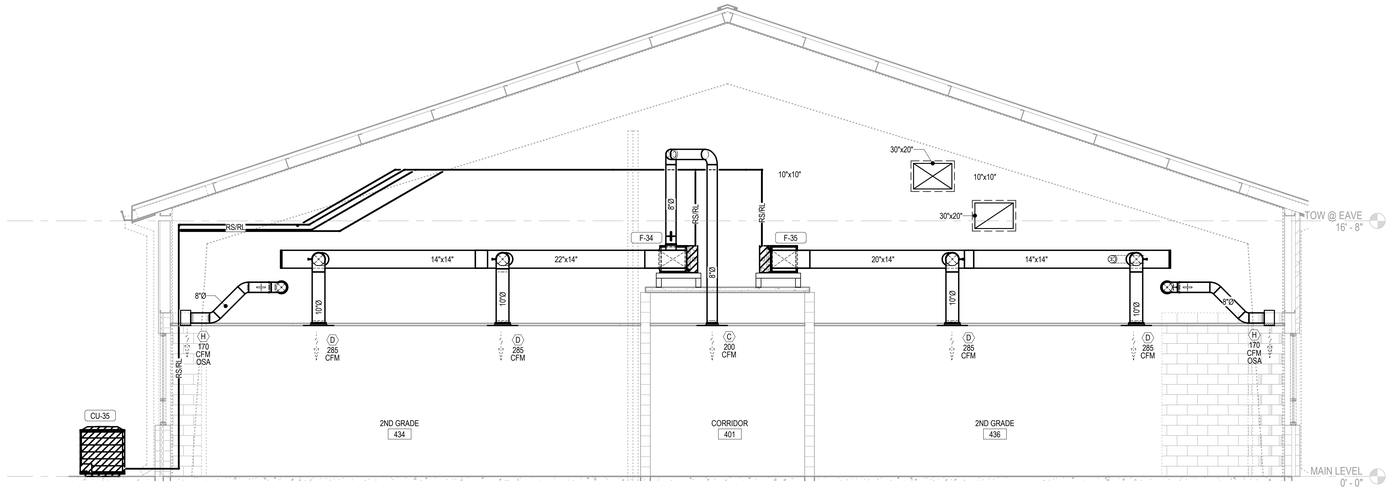
M5.2



1 M6.1 SECTION - P.E. - HVAC

1/4" = 1'-0"

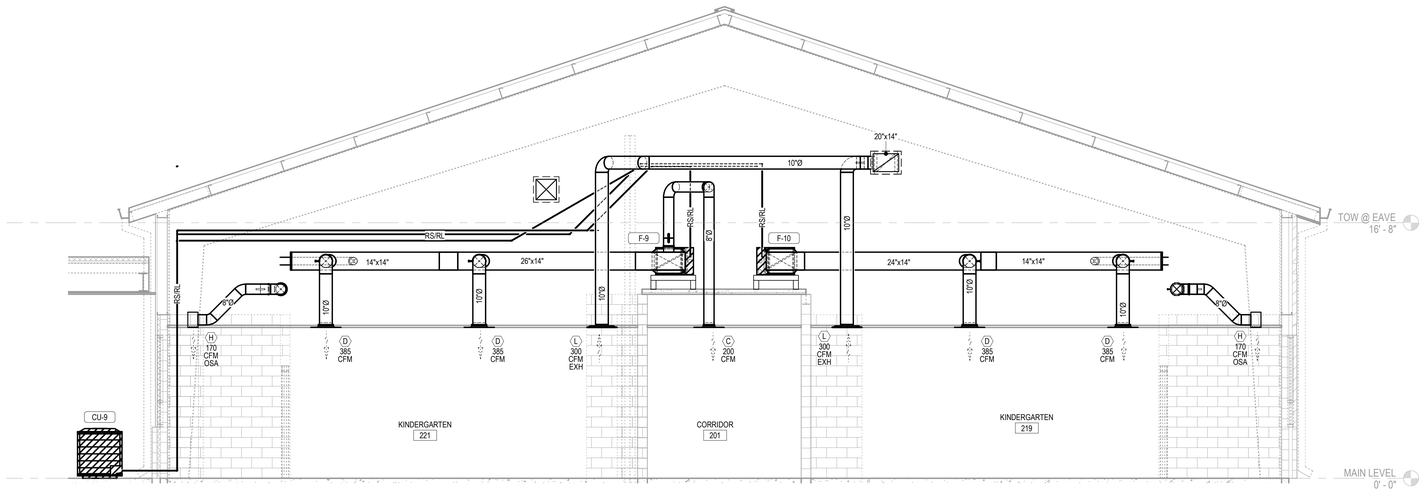
0 2' 4' 8'



4 M6.1 SECTION - AREA D - HVAC

1/4" = 1'-0"

0 2' 4' 8'



3 M6.1 SECTION - AREA B - HVAC

1/4" = 1'-0"

0 2' 4' 8'

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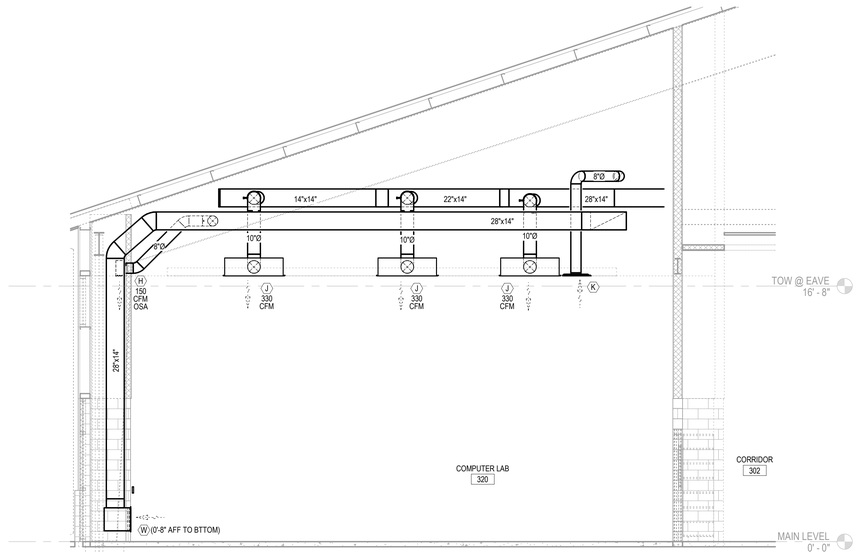
SECTIONS - HVAC

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

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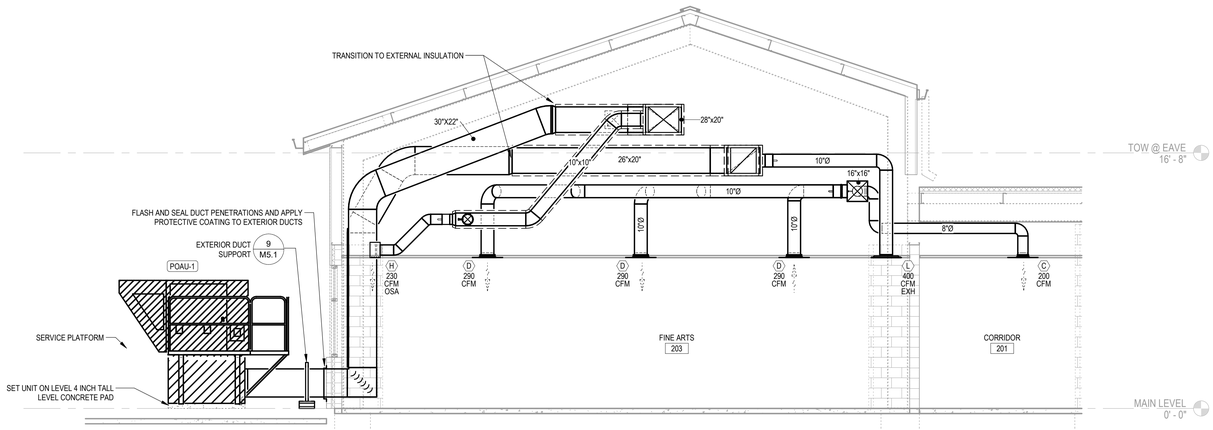
M6.1



1 / M6.2 SECTION - COMPUTER LAB - HVAC

1/4" = 1'-0"

0 2' 4' 8'



2 / M6.2 SECTION - POAU-1

1/4" = 1'-0"

0 2' 4' 8'

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SECTIONS - HVAC

EAST END ELEMENTARY

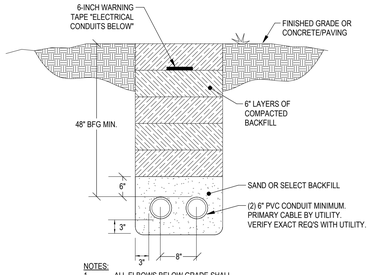
SHERIDAN SCHOOL DISTRICT
HENSLEY, ARKANSAS

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No. 186
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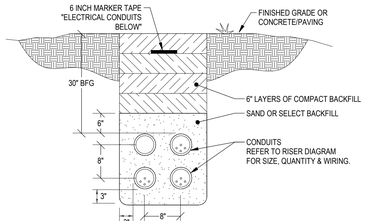
M6.2



NOTES:
1. ALL ELBOWS BELOW GRADE SHALL BE RIGID GALVANIZED STEEL.
2. ALL EXPOSED CONDUITS ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.
3. VERIFY REQUIREMENTS WITH UTILITY PRIOR TO BEGINNING WORK.

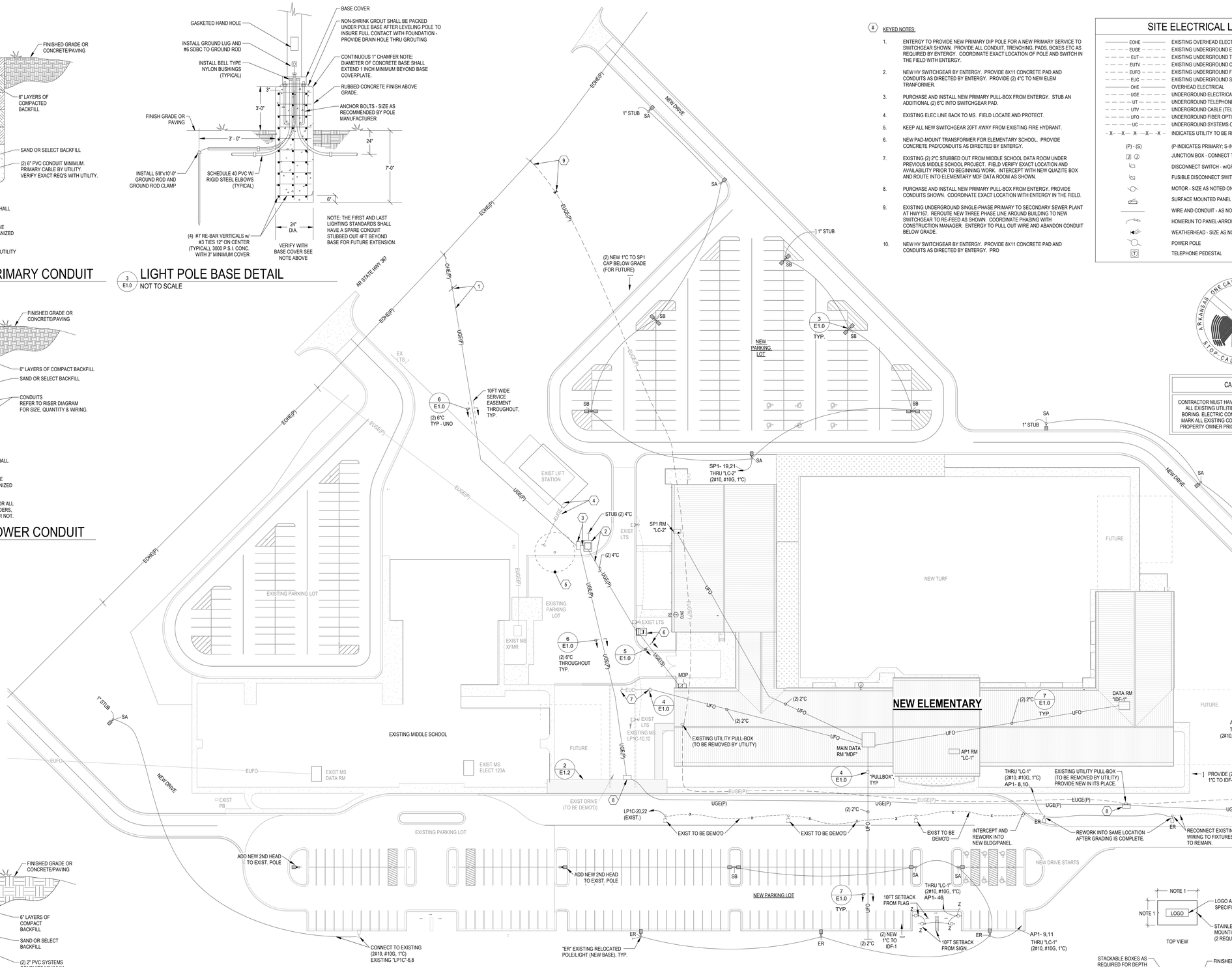
6 / E1.0 TRENCH DETAIL - PRIMARY CONDUIT
NOT TO SCALE

3 / E1.0 LIGHT POLE BASE DETAIL
NOT TO SCALE



NOTES:
1. ALL ELBOWS BELOW GRADE SHALL BE RIGID GALVANIZED STEEL.
2. ALL EXPOSED CONDUITS ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.
3. TYPICAL BACKFILL/MARKING FOR ALL UNDERGROUND CIRCUITS/FEEDERS, WHETHER NOTED ON PLANS OR NOT.

5 / E1.0 TRENCH DETAIL - POWER CONDUIT
NOT TO SCALE



NORTH
1 / E1.0 SITE PLAN - ELECTRICAL
1" = 40'-0"

AR STATE HWY 167

KEYED NOTES:
1. ENTERGY TO PROVIDE NEW PRIMARY DIP POLE FOR A NEW PRIMARY SERVICE TO SWITCHGEAR SHOWN. PROVIDE ALL CONDUIT, TRENCHING, PADS, BOXES ETC AS REQUIRED BY ENTERGY. COORDINATE EXACT LOCATION OF POLE AND SWITCH IN THE FIELD WITH ENTERGY.
2. NEW HV SWITCHGEAR BY ENTERGY. PROVIDE 8X11 CONCRETE PAD AND CONDUITS AS DIRECTED BY ENTERGY. PROVIDE (2) 4"C TO NEW ELEM TRANFORMER.
3. PURCHASE AND INSTALL NEW PRIMARY PULL-BOX FROM ENTERGY. STUB AN ADDITIONAL (2) 6"C INTO SWITCHGEAR PAD.
4. EXISTING ELEC LINE BACK TO MS. FIELD LOCATE AND PROTECT.
5. KEEP ALL NEW SWITCHGEAR 20FT AWAY FROM EXISTING FIRE HYDRANT.
6. NEW PAD-MOUNT TRANSFORMER FOR ELEMENTARY SCHOOL. PROVIDE CONCRETE PAD/CONDUITS AS DIRECTED BY ENTERGY.
7. EXISTING (2) 2"C STUBBED OUT FROM MIDDLE SCHOOL DATA ROOM UNDER PREVIOUS MIDDLE SCHOOL PROJECT. FIELD VERIFY EXACT LOCATION AND AVAILABILITY PRIOR TO BEGINNING WORK. INTERCEPT WITH NEW QUAZITE BOX AND ROUTE INTO ELEMENTARY MDF DATA ROOM AS SHOWN.
8. PURCHASE AND INSTALL NEW PRIMARY PULL-BOX FROM ENTERGY. PROVIDE CONDUITS SHOWN. COORDINATE EXACT LOCATION WITH ENTERGY IN THE FIELD.
9. EXISTING UNDERGROUND SINGLE-PHASE PRIMARY TO SECONDARY SEWER PLANT AT HWY167. REROUTE NEW THREE PHASE LINE AROUND BUILDING TO NEW SWITCHGEAR TO RE-FEED AS SHOWN. COORDINATE PHASING WITH CONSTRUCTION MANAGER. ENTERGY TO PULL OUT WIRE AND ABANDON CONDUIT BELOW GRADE.
10. NEW HV SWITCHGEAR BY ENTERGY. PROVIDE 8X11 CONCRETE PAD AND CONDUITS AS DIRECTED BY ENTERGY. PRO

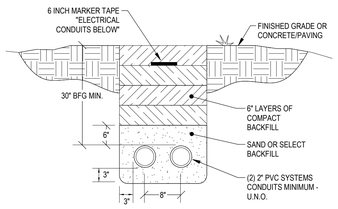
SITE ELECTRICAL LEGEND

EOHE	EXISTING OVERHEAD ELECTRICAL
EUGE	EXISTING UNDERGROUND ELECTRICAL
EUT	EXISTING UNDERGROUND TELEPHONE
EUTV	EXISTING UNDERGROUND CABLE (TELEVISION)
EUFO	EXISTING UNDERGROUND FIBER OPTIC
EUC	EXISTING UNDERGROUND SYSTEMS CONDUIT
OHE	OVERHEAD ELECTRICAL
UGE	UNDERGROUND ELECTRICAL
UT	UNDERGROUND TELEPHONE
UTV	UNDERGROUND CABLE (TELEVISION)
UFO	UNDERGROUND FIBER OPTIC
UC	UNDERGROUND SYSTEMS CONDUIT
-X-X-X-X-X-	INDICATES UTILITY TO BE REMOVED
(P) - (S)	(P-INDICATES PRIMARY; S-INDICATES SECONDARY)
	JUNCTION BOX - CONNECT TO EQUIPMENT AS REQUIRED
	DISCONNECT SWITCH - w/GROUNDING LUG, SIZE AS NOTED
	FUSIBLE DISCONNECT SWITCH-w/GROUND LUG, SIZE AS NOTED
	MOTOR - SIZE AS NOTED ON PLANS
	SURFACE MOUNTED PANEL BOARD
	WIRE AND CONDUIT - AS NOTED
	HOMERUN TO PANEL-ARROWS INDICATE NUMBER OF CIRCUITS.
	WEATHERHEAD - SIZE AS NOTED ON PLANS
	POWER POLE
T	TELEPHONE PEDESTAL

ARKANSAS ONE CALL SYSTEM, INC. 811 STOP - CALL BEFORE YOU DIG!

CAUTION !!!

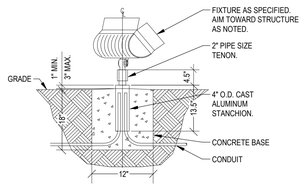
CONTRACTOR MUST HAVE ONE CALL LOCATE AND MARK ALL EXISTING UTILITIES PRIOR TO TRENCHING OR BORING. ELECTRIC CONTRACTOR MUST LOCATE AND MARK ALL EXISTING CONDUITS AND PIPES OWNED BY PROPERTY OWNER PRIOR TO TRENCHING OR BORING.



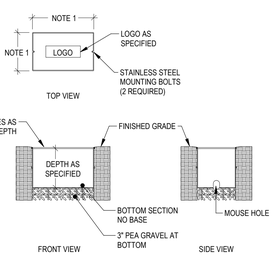
TYPICAL SECTION

NOTES:
1. ALL ELBOWS BELOW GRADE SHALL BE RIGID GALVANIZED STEEL.
2. ALL EXPOSED CONDUITS ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.
3. TYPICAL BACKFILL/MARKING FOR ALL UNDERGROUND SYSTEMS, WHETHER NOTED ON PLANS OR NOT.
4. SYSTEMS CONDUITS SHALL BE KEPT AT LEAST 12"± AWAY FROM ANY POWER CONDUITS.

7 / E1.0 TRENCH DETAIL - SYSTEMS CONDUIT
NOT TO SCALE



9 / E1.0 LIGHT STANCHION DETAIL
NOT TO SCALE



NOTES:
1. DIMENSIONS AS SPECIFIED, MINIMUM 24" x 36".
2. BOXES EQUIVALENT TO QUAZITE. COVER RATED LIGHT TRAFFIC (TIER15).

4 / E1.0 QUAZITE BOX
NOT TO SCALE

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SITE PLAN - ELECTRICAL

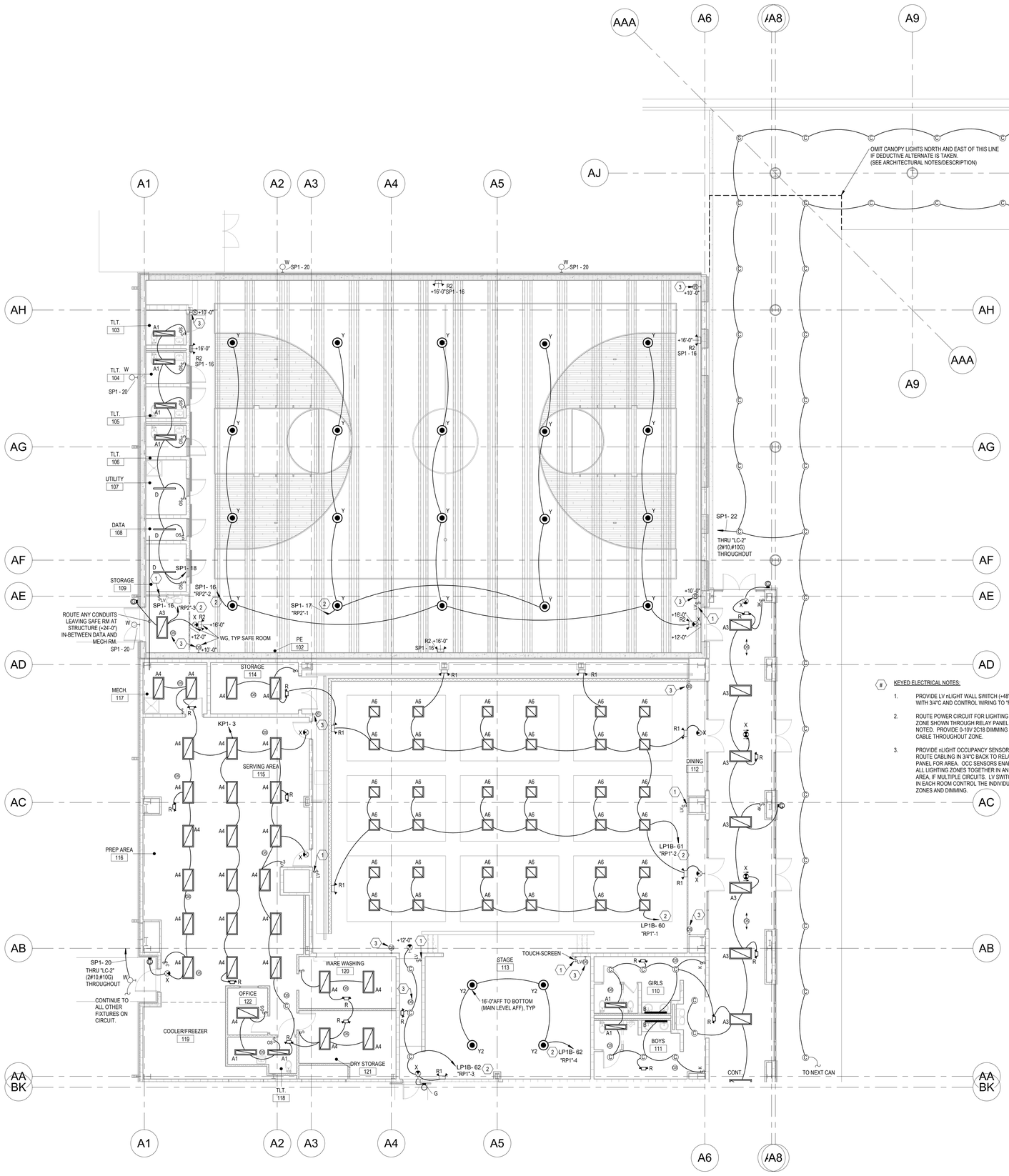
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION — LEWIS ARCHITECTS ENGINEERS — No. 186 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 11659 — STEVEN P. WOODWARD

DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

E1.0



KEYED ELECTRICAL NOTES:

1. PROVIDE LV nLIGHT WALL SWITCH (+48"AFF) WITH 3/4"C AND CONTROL WIRING TO "RP1".
2. ROUTE POWER CIRCUIT FOR LIGHTING ZONE SHOWN THROUGH RELAY PANEL NOTED. PROVIDE 0-10V 2C18 DIMMING CABLE THROUGHOUT ZONE.
3. PROVIDE nLIGHT OCCUPANCY SENSOR AND ROUTE CABLING IN 3/4"C BACK TO RELAY PANEL FOR AREA. OCC SENSORS ENABLE ALL LIGHTING ZONES TOGETHER IN AN AREA, IF MULTIPLE CIRCUITS. LV SWITCHES IN EACH ROOM CONTROL THE INDIVIDUAL ZONES AND DIMMING.

RELAY PANEL DESIGNATION:	RP1	MFG. & TYPE:	nLIGHT PANEL ARO INTENC08 NLT 8FCR MVOLT HLK DTC	VOLTAGE:	120V
LOCATION:	ELECTRICAL ROOM	MOUNTING:	SURFACE	ENCLOSURE:	NEMA 1

RELAY	CIRCUIT	DESCRIPTION	REMARKS
1	"LP1B"-60	FRONT ROW	CONTROLLED BY LV SWITCHES (ON-OFF/DIM) & WALL OCCs
2	"LP1B"-61	BACK ROW	CONTROLLED BY LV SWITCHES (ON-OFF/DIM) & WALL OCCs
3	"LP1B"-62	STAGE ACCESS	CONTROLLED BY LV SWITCH (ON-OFF) & CEILING OCC IN HALLWAY
4	"LP1B"-62	STAGE WORK	CONTROLLED BY LV SWITCH (ON-OFF/DIM) & WALL OCC AT STAGE
5	"LP1B"-63	FOH PIPE	CONTROLLED BY LV SWITCH AT STAGE
6	"LP1B"-64	STAGE PIPE	CONTROLLED BY LV SWITCH AT STAGE
7	-	SPARE	-
8	-	SPARE	-

SLV = nLIGHT nPODMA 4P DX (4-BUTTON ON/OFF DIM-UP/DWN)
S-touch SCREEN = nLIGHT nPOD TOUCH (CONTROLS ALL ZONES)
WALL OCC = nLIGHT nWV SERIES
CEILING OCC = nLIGHT nCM SERIES

2 E1.1 RELAY SCHEDULE RP1
NOT TO SCALE

RELAY PANEL DESIGNATION:	RP2	MFG. & TYPE:	nLIGHT PANEL ARO INTENC08 NLT 8FCR MVOLT HLK DTC	VOLTAGE:	120V
LOCATION:	ELECTRICAL ROOM	MOUNTING:	SURFACE	ENCLOSURE:	NEMA 1

RELAY	CIRCUIT	DESCRIPTION	REMARKS
1	"SP1"-17	GYM	CONTROLLED BY LV SWITCHES (ON-OFF/DIM) & WALL OCCs
2	"SP1"-16	GYM	CONTROLLED BY LV SWITCHES (ON-OFF/DIM) & WALL OCCs
3	"SP1"-16	VESTIBULE	CONTROLLED BY LV SWITCH (ON-OFF) & CEILING OCC IN HALLWAY
4	-	SPARE	-
5	-	SPARE	-
6	-	SPARE	-
7	-	SPARE	-
8	-	SPARE	-

SLV = nLIGHT nPODMA 4P DX (4-BUTTON ON/OFF DIM-UP/DWN)
WALL OCC = nLIGHT nWV SERIES
CEILING OCC = nLIGHT nCM SERIES

3 E1.1 RELAY SCHEDULE RP2
NOT TO SCALE

NORTH
1 E1.1 FLOOR PLAN - AREA A - LIGHTING
1/8" = 1'-0"

A
NORTH
KEY PLAN

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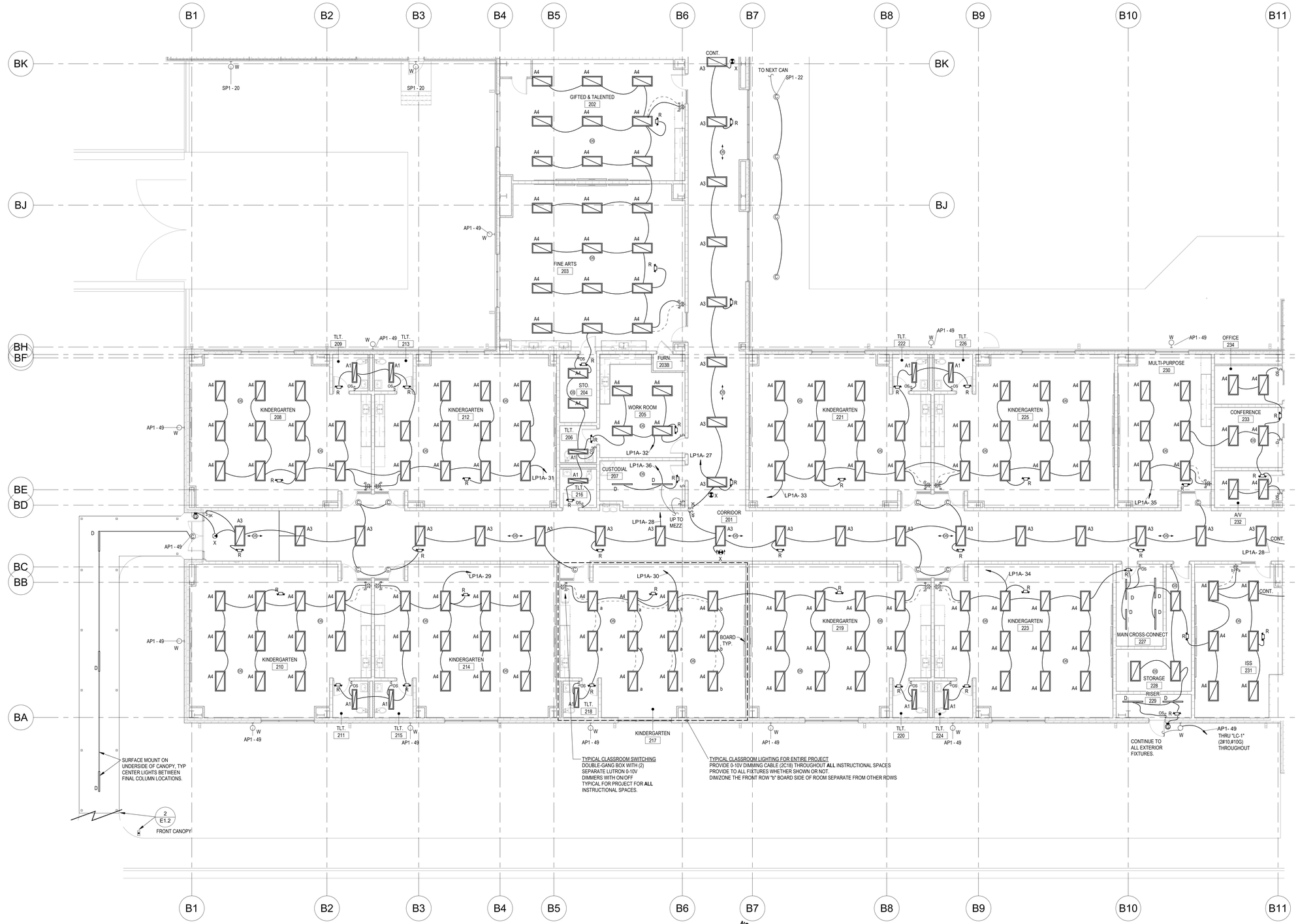
FLOOR PLAN - AREA A - LIGHTING

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

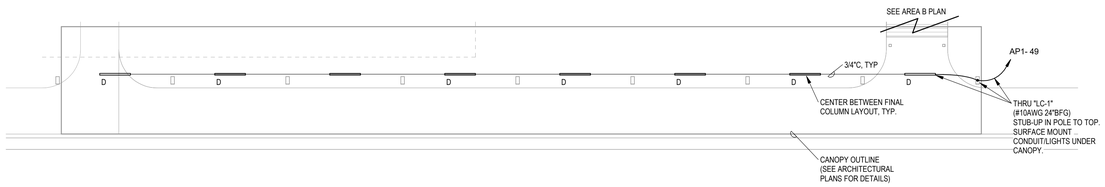
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LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11659
SCOTT WOODWARD

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

E1.1



NORTH 1 E1.2 FLOOR PLAN - AREA B - LIGHTING
1/8" = 1'-0"



NORTH 2 E1.2 FRONT DRIVE CANOPY - LIGHTING
1/8" = 1'-0"



KEY PLAN

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FLOOR PLAN - AREA B - LIGHTING

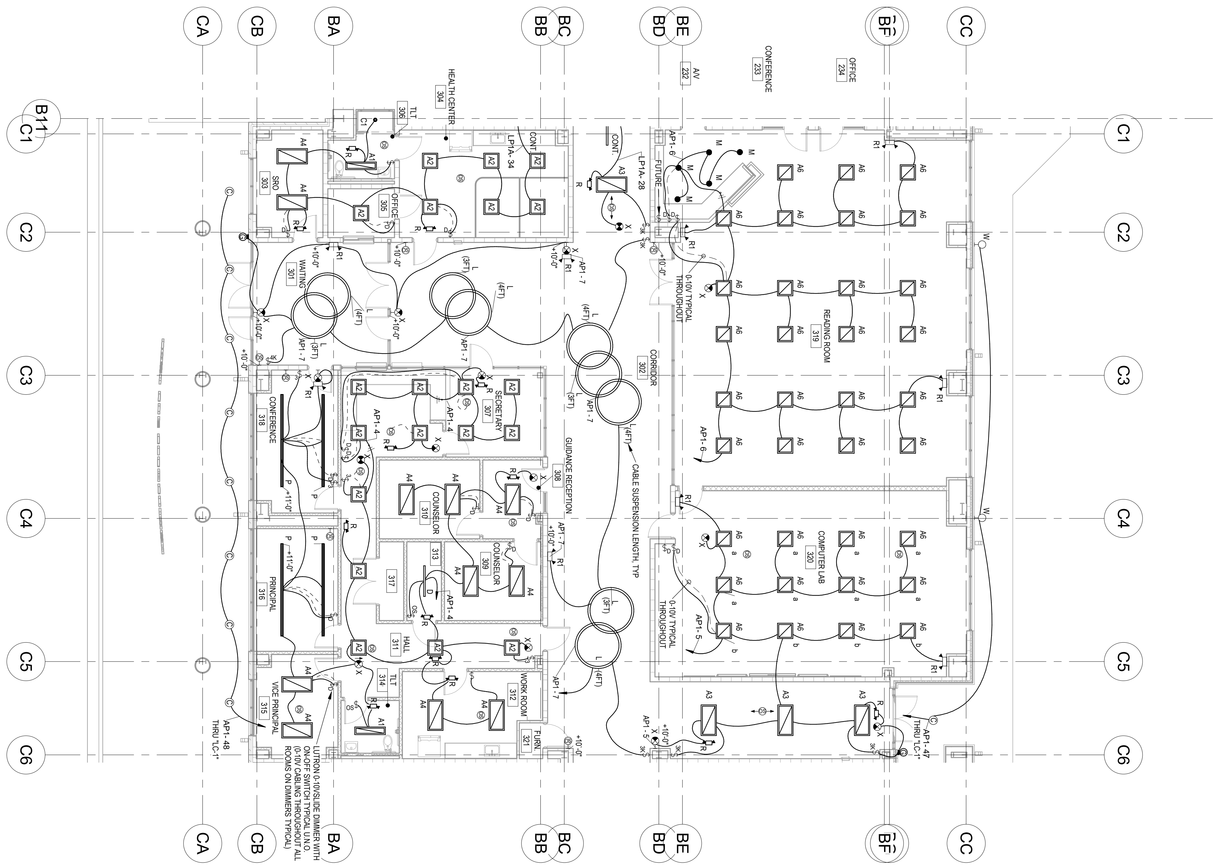
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SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

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LEWIS ARCHITECTS ENGINEERS
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ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11659
SCOTT P. WOODWARD

DATE: 2026 05-18
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DRAWN BY: SPW
REV:

E1.2



NORTH

1 / E1.3 1/8" = 1'-0"

FLOOR PLAN - AREA C - LIGHTING

NORTH

KEY PLAN

C

E1.3

DATE: 2026.05.18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

ARKANSAS REGISTERED PROFESSIONAL ENGINEER
STEVEN P. WOODWARD
NO. 11659

LEWIS ARCHITECTS ENGINEERS
CERTIFICATE OF AUTHORIZATION
No. 196

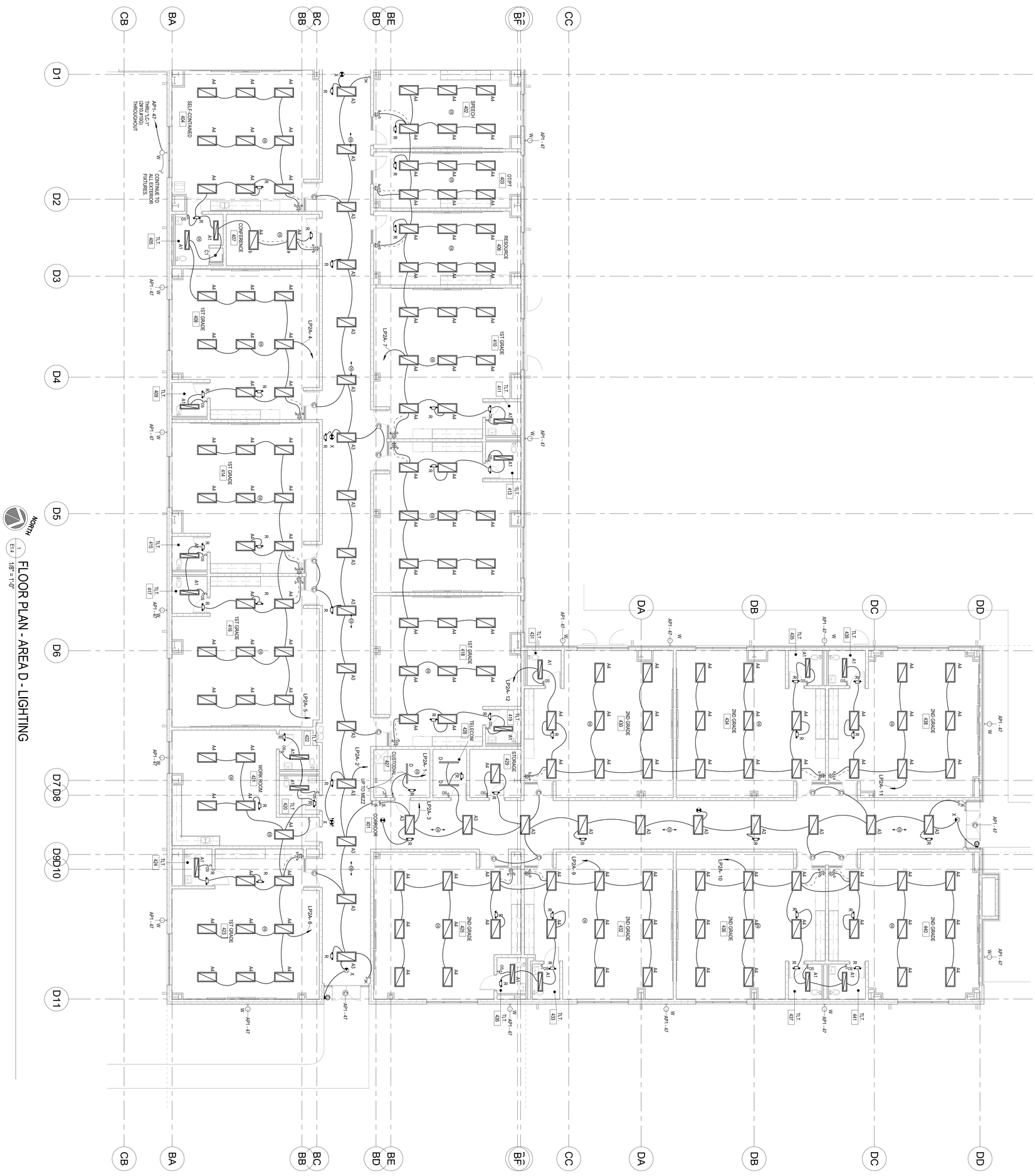
EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

FLOOR PLAN - AREA C - LIGHTING

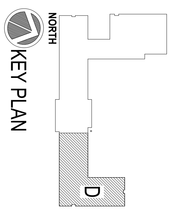
LEWIS ARCHITECTS ENGINEERS

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FLOOR PLAN - AREA D - LIGHTING

1/8" = 1'-0"



KEY PLAN

NORTH

E1.4

DATE: 2026-05-19
PROJECT NO: 25053
DRAWN BY: SPW
REV:

ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 11859

CERTIFICATE OF AUTHORIZATION LEWIS ARCHITECTS ENGINEERS No. 196

EAST END ELEMENTARY

SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

FLOOR PLAN - AREA D - LIGHTING

LEWIS ARCHITECTS ENGINEERS

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ELECTRICAL CONTRACTOR TO COORDINATE ALL PRECAST PENETRATIONS WITH PRECAST MANUFACTURER. ELECTRICAL CONTRACTOR TO BE PRESENT AT PRECAST MANUFACTURER SITE DURING CASTING TO VERIFY LOCATIONS AND ROUTING. BOXES AND CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR.

KEYED ELECTRICAL NOTES:

1. CONNECT EXHAUST FAN TO LIGHTING POWER CIRCUIT TO BE CONTROLLED ON/OFF WITH THE OCCUPANCY SENSOR.
2. ACCESS CONTROLLED DOOR/LOCATION. PROVIDE POWER AND ALL PROVISIONS AS SHOWN ON PLANS AND RISER DIAGRAM. COORDINATE WITH FINAL DIVISION 8 HARDWARE.

AC-1
240V/200A/3P/3R NFDS
AC-1(P)
SP1-5
S(3#2/0,#6G, 2"C)
SP1- 7
POWER TO FEMA LOUVER PROVIDE 3/4"C IN PRECAST WITH ELBOW INTO OPENING AS DIRECT BY MECHANICAL CONTRACTOR. TYP OF (8)
TLT. 103
EF-1
TLT. 104
EF-2
TLT. 105
EF-3
SP1- 13
TLT. 106
EF-4
EF-5
SP1- 8
UTILITY 107
SP1-12
DATA 108
LINE THERMOSTAT
STORAGE 109
SP1- 9
SP1- 6
SP1-24
SP1-1
PE 102
GOAL
SP1- 1
SP1- 3
SP1-15
SP1-5
LPTA-8
SP1-14
SP1- 2,4
6 E5.3
STORAGE 114
LP1A- 10
MOTO BLEACHER, BELOW
LP1A- 11
DINING 112
LP1A- 14
SEE ENLARGED KITCHEN PLAN
FOH PIPE 19' - 6"
2" OD BLACK STEEL PIPE BY STRUCTURAL
LP1B- 63 THRU "RP1"-5
MOUNT SURFACE BOX WITH U-CLAMP TO PIPE, TYP.
LP1A- 7
LEGRAND RFB6-OG
LP1A- 12
LP1A- 13
LP1A-23
SCREEN
GIRLS 110
LP1A-6
LP1A- 2
LP1A- 1
STAGE PIPE 17' - 0"
STAGE 113
LP1B- 64 THRU "RP1"-5
MOUNT SURFACE BOX WITH U-CLAMP TO PIPE, TYP. 2" OD BLACK STEEL PIPE BY STRUCTURAL
LP1A-4 GFCI
LP1A-5
BOYS 111
LP1A- 3
PROJECTOR LP1A-20
LP1A- 22
LP1A- 21
LP1A-19
LP1A-8
KP1-4
(+16" ABOVE STAGE TYP.)
*STAGE OUTLET HEIGHTS ARE IN REFERENCE TO THE MAIN LEVEL AFF (0'-0")

NORTH

1 E2.1 FLOOR PLAN - AREA A - POWER
1/8" = 1'-0"

A

NORTH

KEY PLAN

LEWIS ARCHITECTS ENGINEERS
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FLOOR PLAN - AREA A - POWER

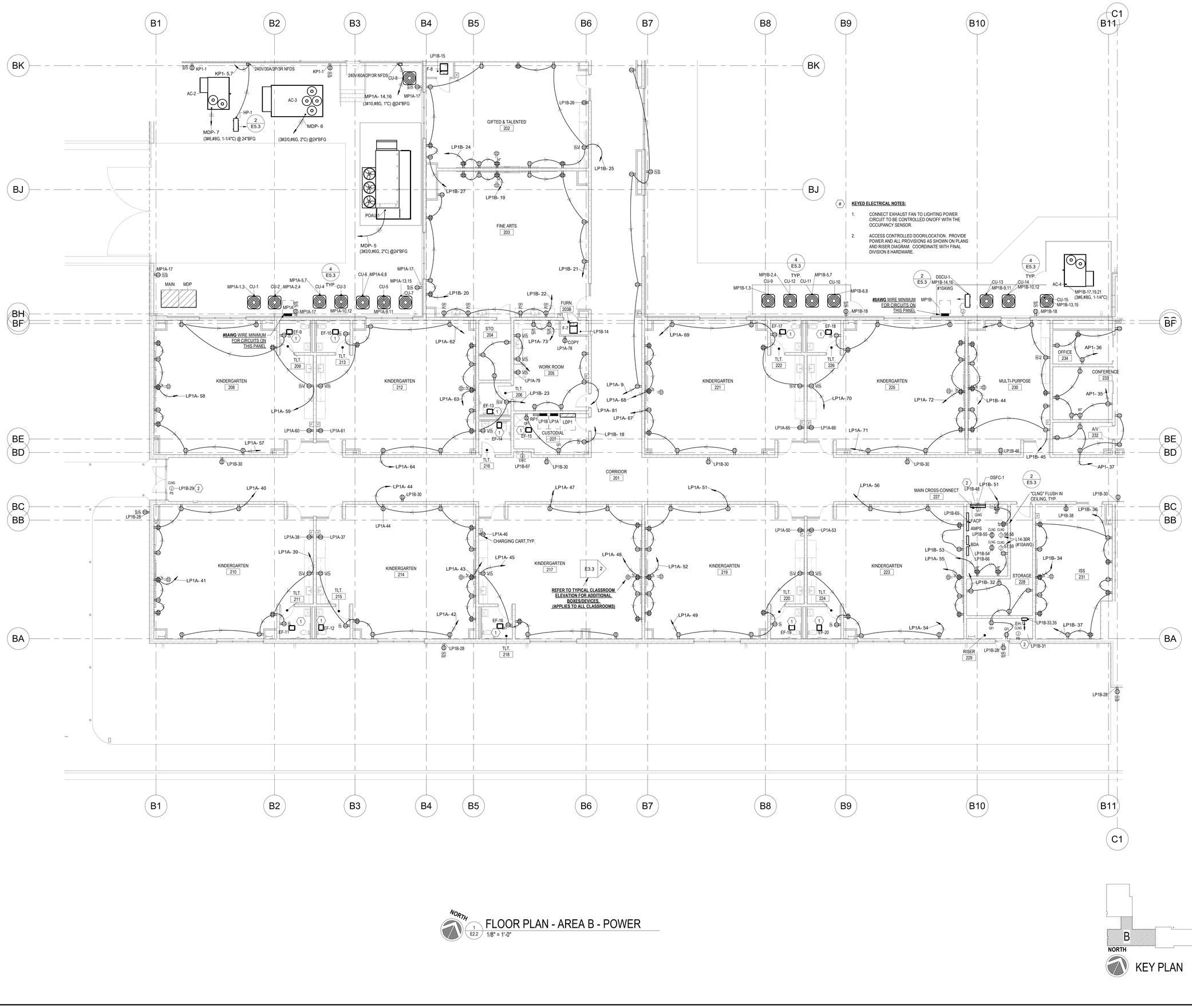
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STATE OF ARKANSAS
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SCOTT P. WOODWARD
NO. 11659

DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

E2.1


B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
C1
BK
BJ
BH
BF
BE
BD
BC
BB
BA
KP1-1
KP1- 5,7
240V/30A/2P/3R NFDS
AC-2
AC-3
HP-1
MDP- 7
(3#6,#8G, 1-1/4"C) @ 24"BFG
MDP- 6
(3#2/0,#6G, 2"C) @24"BFG
240V/60A/2P/3R NFDS
CU-8
MP1A- 14,16
(3#10,#8G, 1"C) @24"BFG
MP1A-17
LP1B-15
F-8
LP1B-26
GIFTED & TALENTED
202
LP1B- 24
LP1B- 25
LP1B- 27
LP1B- 19
POAU1
MDP- 5
(3#2/0,#6G, 2"C) @24"BFG
FINE ARTS
203
LP1B- 21
LP1B- 20
LP1B- 22
MAIN
MDP
MP1A-1,3
CU-1
CU-2
MP1A-2,4
CU-4
TYP.
CU-3
MP1A-5,7
CU-6
MP1A-6,8
CU-5
MP1A-13,15
CU-7
MP1A-9,11
MP1A-10,12
4
E5.3
#8AWG WIRE MINIMUM FOR CIRCUITS ON THIS PANEL
EF-9
EF-10
TLT. 209
TLT. 213
KINDERGARTEN
208
KINDERGARTEN
212
LP1A- 58
LP1A- 59
LP1A- 62
LP1A- 63
STO.
204
LP1A- 73
F-7
FURN. 203B
LP1B-14
COPY
LP1A-78
WORK ROOM
205
LP1A-79
TLT 206
LP1B- 23
EF-13
EF-15
EF-14
BP1
LP1B
LP1A
LDP1
CUSTODIAL
207
LP1B- 18
LP1A- 9
LP1A- 68
LP1A- 81
LP1A- 67
LP1A- 69
KINDERGARTEN
221
EF-17
EF-18
TLT. 222
TLT. 226
LP1A- 70
LP1A- 72
KINDERGARTEN
225
MULTI-PURPOSE
230
LP1B- 44
LP1A-65
LP1A-66
LP1A- 71
LP1B-46
LP1B- 45
OFFICE
234
AP1- 36
CONFERENCE
233
AP1- 35
A/V
232
AP1- 37
LP1A- 57
LP1B-30
LP1A- 64
TLT. 216
LP1B-67
CORRIDOR
201
LP1B-30
LP1B-30
LP1B-30

PANELBOARD: MP2B

LOCATION: | **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA3R | **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225.0 A MLO | **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		CKT	B		CKT	C		CKT	P	BKR	LOAD DESCRIPTION
CU-31	40 A	2	1	2.1	2.1							2	2	40 A	CU-32
			3				2.1	2.1				4			
CU-33	35 A	2	5						2.1	2.1		6	2	35 A	CU-35
			7	2.1	2.1							8			
CU-37	35 A	2	9				2.1	2.1				10	2	40 A	CU-34
			11						2.1	2.1		12			
CU-36	40 A	2	13	2.1	0.7							14	1	20 A	RCPT
			15				2.1	0.0				16	1	20 A	SPARE
			17								0.0	18	1	20 A	SPARE
			19		0.0							20	1	20 A	SPARE
			21					0.0				22	1	20 A	SPARE
			23								0.0	24	1	20 A	SPARE
			25									26			
			27									28			
			29									30			
			31									32			
			33									34			
			35									36			
			37									38			
			39									40			
			41									42			
	TOTAL LOAD:			11 kVA			10 kVA			8 kVA					
	TOTAL AMPS:			95 A			89.3 A			69 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED
HVAC	29120 VA	100.00%	29120 VA
RCPT	720 VA	100.00%	720 VA

PANEL TOTALS	
CONNECTED LOAD:	29840 VA
ESTIMATED DEMAND:	29840 VA
CONNECTED CURRENT:	82.8 A
EST. DEMAND CURRENT:	82.8 A

NOTES:
SQUARE D NQOD

PANELBOARD: AP1

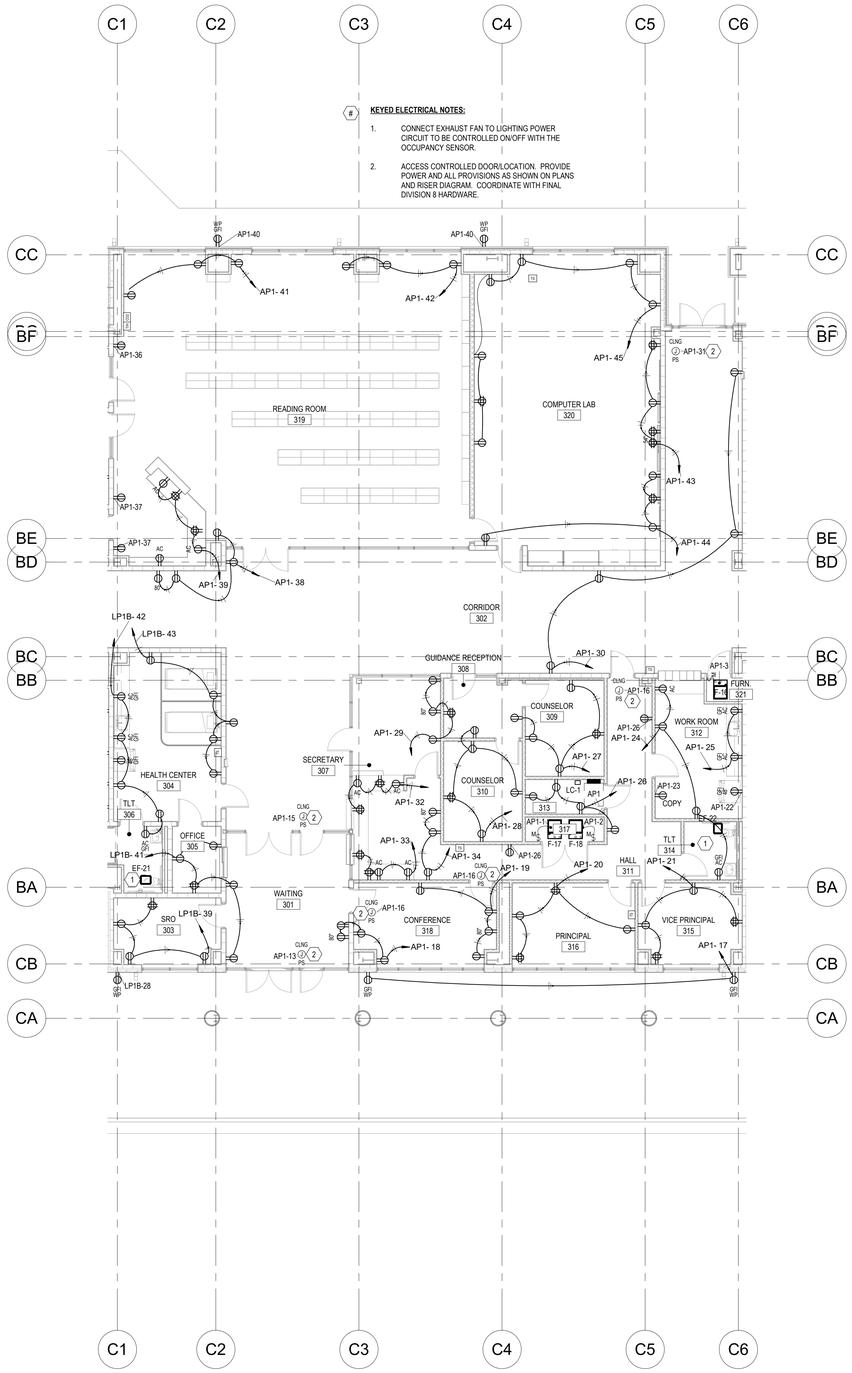
LOCATION: STO. 313 | **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA1 | **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225.0 A MLO | **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		CKT	B		CKT	C		CKT	P	BKR	LOAD DESCRIPTION
HVAC	20 A	1	1	1.2	1.2							2	1	20 A	HVAC
HVAC	20 A	1	3				1.2	1.0				4	1	20 A	Room 231, 244, 233, 234,...
LITES Room 238	20 A	1	5						0.8	1.6		6	1	20 A	LITES Room 295
Room 364, 230	20 A	1	7	1.9	0.5							8	2	20 A	Lighting
Lighting	20 A	2	9				1.0	0.5				10			
			11						1.0	0.7		12	2	20 A	Lighting
Other Space 230	20 A	1	13	0.2	0.7							14			
Other Space 364	20 A	1	15				0.2	0.7				16	1	20 A	Other Room 253, 413
RCPT	20 A	1	17						0.4	0.5		18	1	20 A	RCPT Room 253, 230
RCPT Space 253	20 A	1	19	0.5	1.1							20	1	20 A	RCPT Space 232
RCPT Space 250	20 A	1	21				1.1	0.0				22	1	20 A	RCPT Space 244
RCPT Space 244	20 A	1	23						0.2	0.5		24	1	20 A	RCPT Room 244, 234
RCPT Space 244	20 A	1	25	0.4	1.1							26	1	20 A	RCPT Room 362, 413
RCPT Space 365	20 A	1	27				1.1	1.1				28	1	20 A	RCPT Room 233, 231
RCPT Room 231, 414	20 A	1	29						0.7	0.7		30	1	20 A	RCPT Space 364
Other Space 364	20 A	1	31	0.2	0.7							32	1	20 A	RCPT Room 414
RCPT Space 414	20 A	1	33				0.7	0.4				34	1	20 A	RCPT Space 414
RCPT Space 229	20 A	1	35						0.9	0.9		36	1	20 A	RCPT Room 323, 295
RCPT Room 296, 295, 364	20 A	1	37	0.9	0.5							38	1	20 A	RCPT Room 364, 295
RCPT Space 295	20 A	1	39				0.7	0.4				40	1	20 A	RCPT
RCPT Space 295	20 A	1	41						0.5	0.5		42	1	20 A	RCPT Space 295
RCPT Space 238	20 A	1	43	1.3	0.9							44	1	20 A	RCPT Space 238
RCPT Space 238	20 A	1	45				0.7	0.3				46	1	20 A	Lighting
LITES	20 A	1	47						1.1	0.2		48	1	20 A	LITES
LITES	20 A	1	49	0.9								50			
			51									52			
SPARE	20 A	1	53						0.0	0.0		54	1	20 A	SPARE
SPARE	20 A	1	55	0.0	0.0							56	1	20 A	SPARE
SPARE	20 A	1	57				0.0	0.0				58	1	20 A	SPARE
SPARE	20 A	1	59						0.0	0.0		60	1	20 A	SPARE
SPARE	20 A	1	61	0.0	0.0							62	1	20 A	SPARE
SPARE	20 A	1	63				0.0	0.0				64	1	20 A	SPARE
SPARE	20 A	1	65						0.0	0.0		66	1	20 A	SPARE
SPARE	20 A	1	67	0.0	0.0							68	1	20 A	SPARE
SPARE	20 A	1	69				0.0	0.0				70	1	20 A	SPARE
SPARE	20 A	1	71						0.0	0.0		72	1	20 A	SPARE
SPARE	20 A	1	73	0.0	0.0							74	1	20 A	SPARE
SPARE	20 A	1	75				0.0	0.0				76	1	20 A	SPARE
SPARE	20 A	1	77						0.0	0.0		78	1	20 A	SPARE
SPARE	20 A	1	79	0.0	0.0							80	1	20 A	SPARE
SPARE	20 A	1	81				0.0	0.0				82	1	20 A	SPARE
SPARE	20 A	1	83						0.0	0.0		84	1	20 A	SPARE
	TOTAL LOAD:			14 kVA			11 kVA			11 kVA					
	TOTAL AMPS:			116 A			91.5 A			94 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED
HVAC	3528 VA	100.00%	3528 VA
Other	3287 VA	100.00%	3287 VA
RCPT	19440 VA	75.72%	14720 VA
LITES	5223 VA	125.00%	6529 VA
SPEC	0 VA	0.00%	0 VA
Lighting	4974 VA	100.00%	4974 VA

PANEL TOTALS	
CONNECTED LOAD:	36111 VA
ESTIMATED DEMAND:	32705 VA
CONNECTED CURRENT:	100.2 A
EST. DEMAND CURRENT:	90.8 A

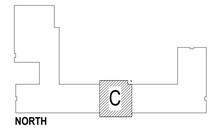
NOTES:
SQUARE D NQ0D



NORTH

1 / E2.3 FLOOR PLAN - AREA C - POWER

1/8" = 1'-0"



KEY PLAN

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FLOOR PLAN - AREA C - POWER

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11659
SCOTT P. WOODS

DATE:	2026 05-18
PROJECT NO:	25053
DRAWN BY:	SPW
REV:	

E2.3

KEYED ELECTRICAL NOTES:

1. CONNECT EXHAUST FAN TO LIGHTING POWER CIRCUIT TO BE CONTROLLED ON/OFF WITH THE OCCUPANCY SENSOR.
2. ACCESS CONTROLLED DOOR/LOCATION. PROVIDE POWER AND ALL PROVISIONS AS SHOWN ON PLANS AND RISER DIAGRAM. COORDINATE WITH FINAL DIVISION 8 HARDWARE.

NORTH 1 E2.4 FLOOR PLAN - AREA D - POWER
1/8" = 1'-0"

KEY PLAN

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FLOOR PLAN - AREA D - POWER

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER NOW

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11659
SCOTT P. WOODWARD

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

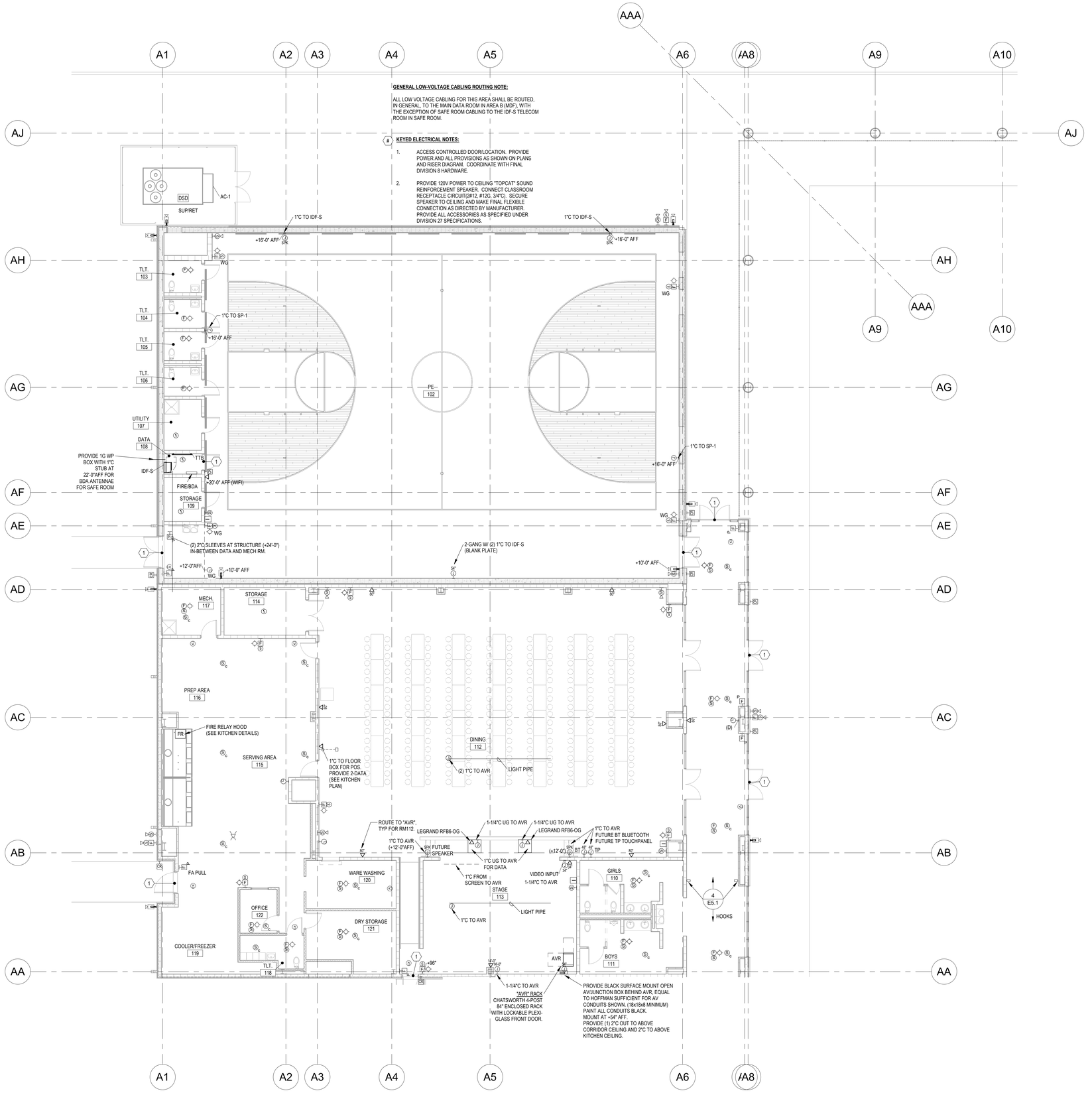
E2.4

GENERAL LOW-VOLTAGE CABLING ROUTING NOTE:

ALL LOW VOLTAGE CABLING FOR THIS AREA SHALL BE ROUTED, IN GENERAL, TO THE MAIN DATA ROOM IN AREA B (MDF), WITH THE EXCEPTION OF SAFE ROOM CABLING TO THE IDF-S TELECOM ROOM IN SAFE ROOM.

 # KEYED ELECTRICAL NOTES:

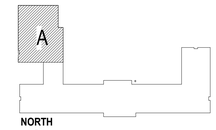
1. ACCESS CONTROLLED DOOR/LOCATION. PROVIDE POWER AND ALL PROVISIONS AS SHOWN ON PLANS AND RISER DIAGRAM. COORDINATE WITH FINAL DIVISION 8 HARDWARE.
2. PROVIDE 120V POWER TO CEILING "TOPCAT" SOUND REINFORCEMENT SPEAKER. CONNECT CLASSROOM RECEPTACLE CIRCUIT(2#12, #12G, 3/4"C). SECURE SPEAKER TO CEILING AND MAKE FINAL FLEXIBLE CONNECTION AS DIRECTED BY MANUFACTURER. PROVIDE ALL ACCESSORIES AS SPECIFIED UNDER DIVISION 27 SPECIFICATIONS.



NORTH

1 E3.1 FLOOR PLAN - AREA A - SYSTEMS

1/8" = 1'-0"



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FLOOR PLAN - AREA A - SYSTEMS

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SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
SCOTT P. WOODWARD
NO. 11659

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

E3.1

GENERAL LOW-VOLTAGE CABLING ROUTING NOTE:

ALL LOW VOLTAGE CABLING FOR THIS AREA SHALL BE ROUTED, IN GENERAL, TO THE MAIN DATA ROOM IN THIS AREA (MDF).

KEYED ELECTRICAL NOTES:

1. ACCESS CONTROLLED DOOR/LOCATION. PROVIDE POWER AND ALL PROVISIONS AS SHOWN ON PLANS AND RISER DIAGRAM. COORDINATE WITH FINAL DIVISION 8 HARDWARE.
2. PROVIDE 120V POWER TO CEILING "TOPCAT" SOUND REINFORCEMENT SPEAKER. CONNECT CLASSROOM RECEPTACLE CIRCUIT(2#12, #12G, 3/4"C). SECURE SPEAKER TO CEILING AND MAKE FINAL FLEXIBLE CONNECTION AS DIRECTED BY MANUFACTURER. PROVIDE ALL ACCESSORIES AS SPECIFIED UNDER DIVISION 27 SPECIFICATIONS.

REFER TO TYPICAL CLASSROOM ELEVATION FOR ADDITIONAL BOXES/DEVICES. (APPLIES TO ALL CLASSROOMS)

1 E3.2 FLOOR PLAN - AREA B - SYSTEMS
1/8" = 1'-0"

KEY PLAN

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FLOOR PLAN - AREA B - SYSTEMS

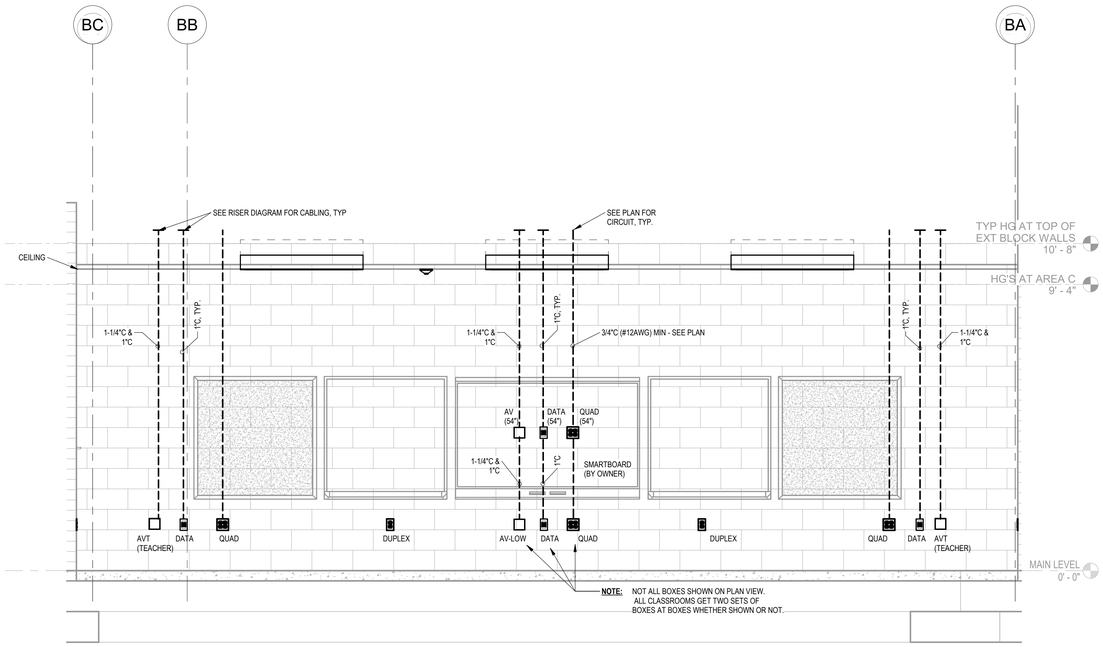
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

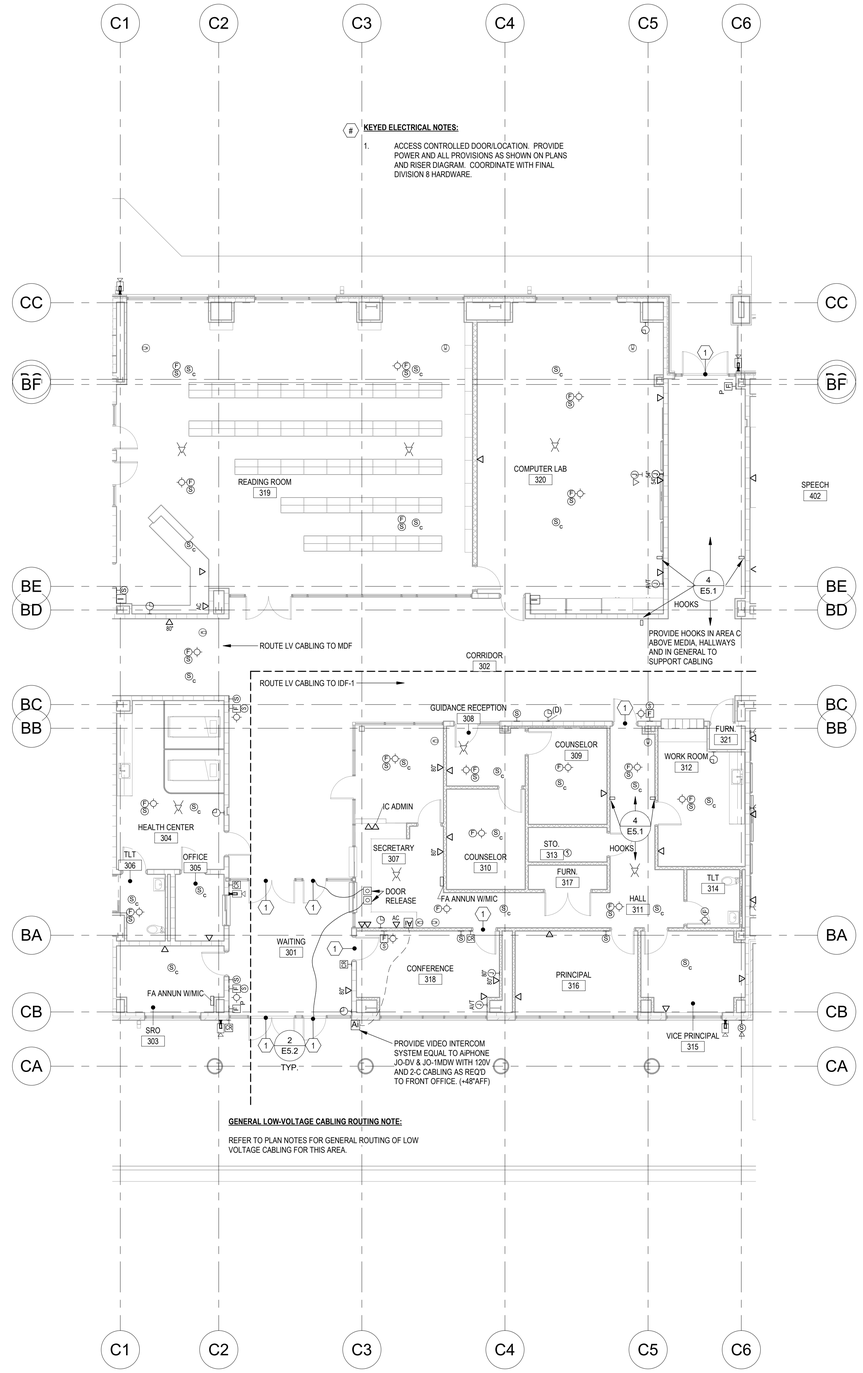
STATE OF ARKANSAS
SPENCER P. WOODWARD
REGISTERED PROFESSIONAL ENGINEER
NO. 11659

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

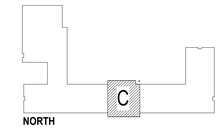
E3.2



2 E3.3 TYPICAL CLASSROOM ELEVATION
1/2" = 1'-0"



NORTH
1 E3.3 FLOOR PLAN - AREA C - SYSTEMS
1/8" = 1'-0"



KEY PLAN

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FLOOR PLAN - AREA C - SYSTEMS

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HENSLEY, AR

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LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
SCOTT P. WOODWARD
NO. 11659

DATE: 2026 05-18
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REV:

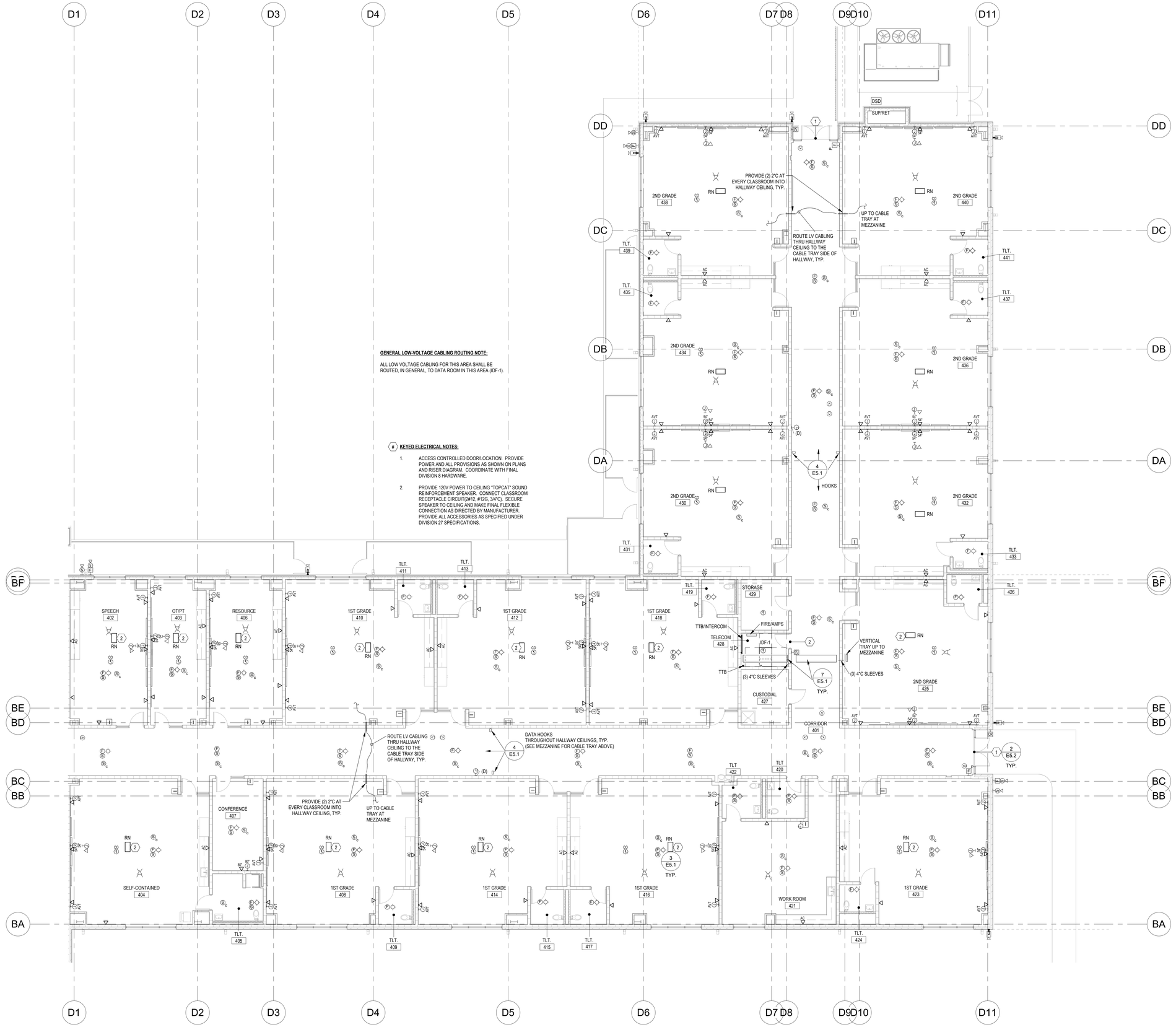
E3.3

GENERAL LOW-VOLTAGE CABLING ROUTING NOTE:

ALL LOW VOLTAGE CABLING FOR THIS AREA SHALL BE ROUTED, IN GENERAL, TO DATA ROOM IN THIS AREA (IDF-1).

 # KEYED ELECTRICAL NOTES:

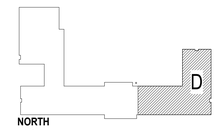
1. ACCESS CONTROLLED DOOR/LOCATION. PROVIDE POWER AND ALL PROVISIONS AS SHOWN ON PLANS AND RISER DIAGRAM. COORDINATE WITH FINAL DIVISION 8 HARDWARE.
2. PROVIDE 120V POWER TO CEILING "TOPCAT" SOUND REINFORCEMENT SPEAKER. CONNECT CLASSROOM RECEPTACLE CIRCUIT(2#12, #12G, 3/4"C). SECURE SPEAKER TO CEILING AND MAKE FINAL FLEXIBLE CONNECTION AS DIRECTED BY MANUFACTURER. PROVIDE ALL ACCESSORIES AS SPECIFIED UNDER DIVISION 27 SPECIFICATIONS.



NORTH

1 E3.4 FLOOR PLAN - AREA D - SYSTEMS

1/8" = 1'-0"



KEY PLAN

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FLOOR PLAN - AREA D - SYSTEMS

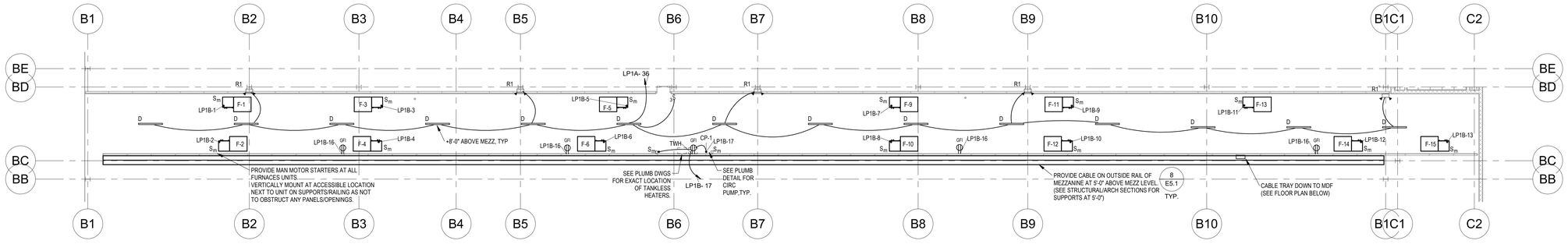
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

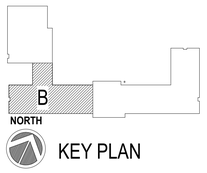
CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11659
SCOTT WOODWARD

DATE: 2026 05-18
PROJECT NO: 25053
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REV:

E3.4





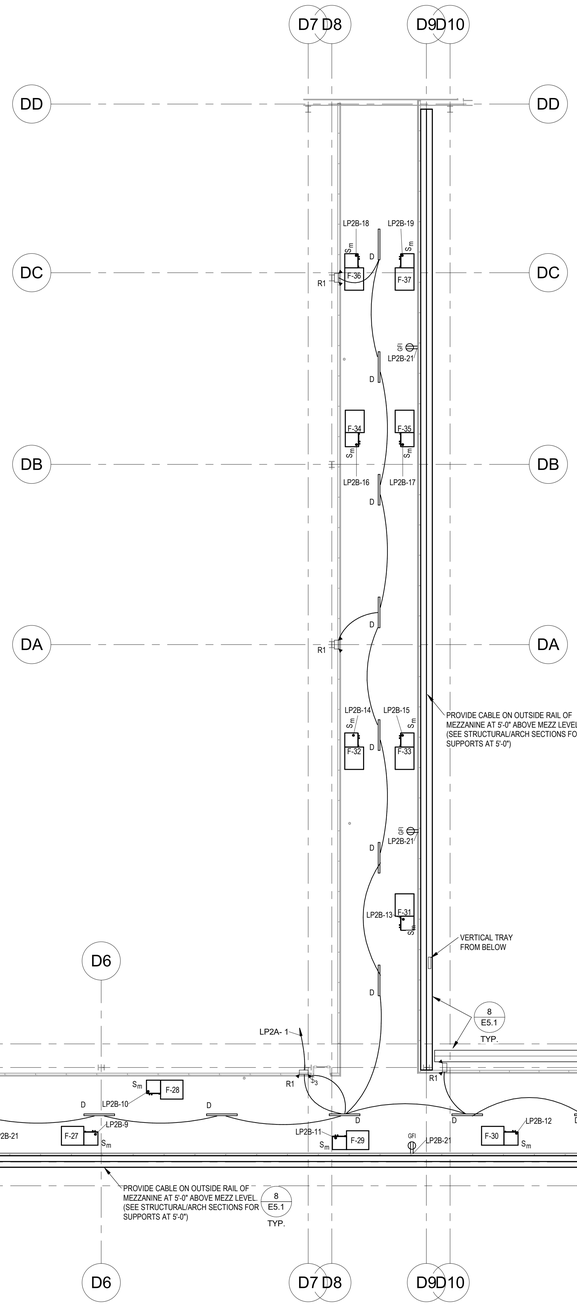
KEY PLAN

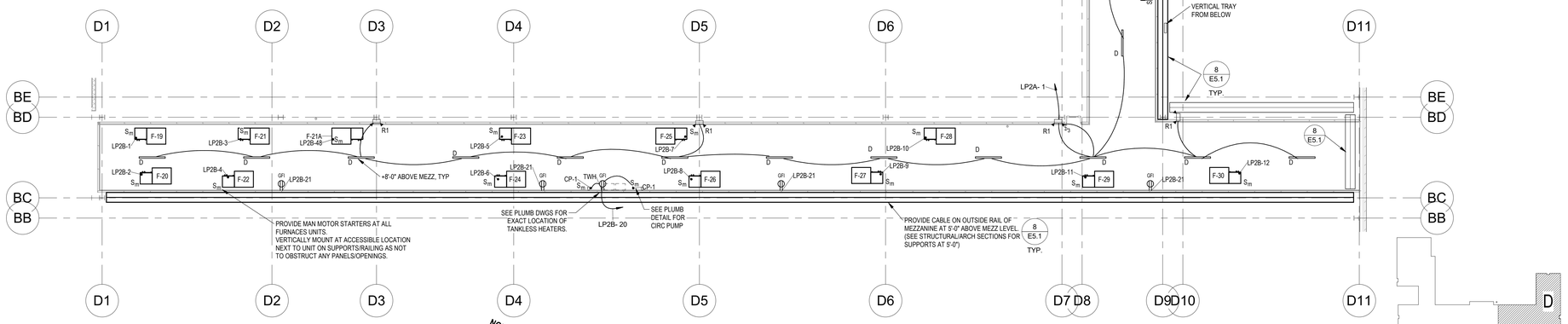
NORTH

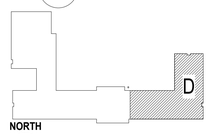
2 E4.1

MEZZANINE PLAN - AREA B - ELECTRICAL

1/8" = 1'-0"







KEY PLAN

NORTH

1 E4.1

MEZZANINE PLAN - AREA D - ELECTRICAL

1/8" = 1'-0"

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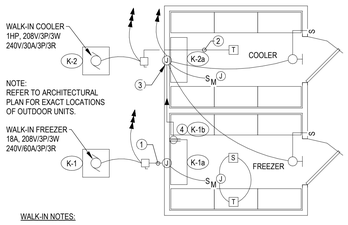
MEZZANINE PLANS - ELECTRICAL

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 166
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11659
SCOTT P. WOODWARD

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

E4.1

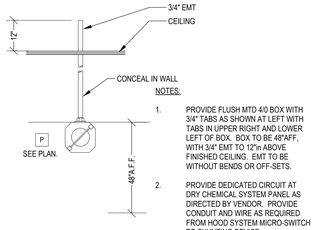


WALK-IN NOTES:

1. ELECTRICAL CONTRACTOR TO RUN 5 #10 WIRES FROM WALK-IN FREEZER CONDENSING UNIT TO MAKE-UP BOX AT BLOWER COIL. ELECTRICAL CONTRACTOR TO WIRE (CONTROL WIRING) FROM MAKE-UP BOX TO SOLENOID, THRU TEMPERATURE CONTROL AND BACK TO DEFROST TIME CLOCK AT CONDENSING UNIT FOR DEFROST AND TEMPERATURE CONTROL.
2. ELECTRICAL CONTRACTOR TO RUN 2 #12 WIRES FROM WALK-IN COOLER CONDENSING UNIT TO TEMPERATURE CONTROL UNIT (MOUNTED INSIDE THE WALK-IN COOLER) FOR TEMPERATURE CONTROL.
3. 120V-60 HZ-1PH, 16.0 AMPS, 9'-0" AFF UP IN WALL ABOVE FINISHED FLOOR. COOLER BLOWER COIL DOOR LIGHTS, DOOR HEADER, PRESSURE RELIEF PORT AND DRAIN LINE HEAT TAPE.
4. 120V-60 HZ-1PH, 2.0 AMPS, ELECTRICAL CONTRACTOR TO FURNISH, INSTALL AND WIRE DUPLEX OUTLET INSIDE WALK IN FREEZER, (INSTALL AFTER THE WALK-IN IS ERECTED) FOR THE DRAIN LINE HEAT TAPE. HEAT TAPE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR.

K-1	WALK-IN FREEZER (CONDENSING UNIT)	208V/230V-60-3PH	4 HP	(3 - #8, 1 - #10 G) 3/4"C	60A/3P/NF/3R DISCONNECT SWITCH
K-1a	WALK-IN FREEZER (EVAPORATOR)	208V-60-1PH	-	SEE INTERCONNECT DETAIL - THIS SHEET	WALL J-BOX AT 108"
K-1b	DRAIN LINE HEAT TAPE	115V-60-1PH	4 AMPS	UTILIZE #10 WIRE AS SHOWN	SEE INTERCONNECT DETAIL ABOVE
K-2	WALK-IN COOLER (CONDENSING UNIT)	208V/230V-60-3PH	1 HP	(3 - #10, 1 - #10 G) 3/4"C	30A/3P/NF/3R DISCONNECT SWITCH
K-2a	WALK-IN COOLER (DOOR LIGHTS, EVAP, P.R. VENT)	208V/230V-60-3PH	-	UTILIZE #10 WIRE AS SHOWN	SEE INTERCONNECT DETAIL ABOVE

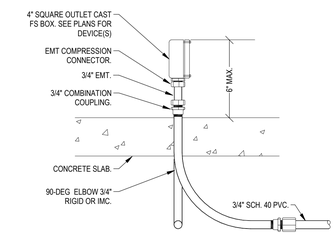
3 E4.2 KITCHEN WALK-IN COOLER FREEZER
NOT TO SCALE



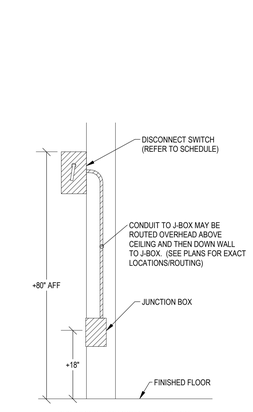
NOTES:

1. PROVIDE FLUSH MTD 4/0 BOX WITH 3/4" TABS AS SHOWN AT LEFT WITH TABS IN UPPER RIGHT AND LOWER LEFT OF BOX. BOX TO BE 48"AFF, WITH 3/4" EMT TO 12"in ABOVE FINISHED CEILING. EMT TO BE WITHOUT BENDS OR OFF-SETS.
2. PROVIDE DEDICATED CIRCUIT AT DRY CHEMICAL SYSTEM PANEL AS DIRECTED BY VENDOR. PROVIDE CONDUIT AND WIRE AS REQUIRED FROM HOOD SYSTEM MICRO-SWITCH TO SHUNTING DEVICE.

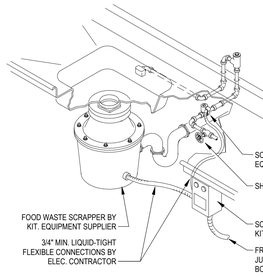
4 E4.2 KITCHEN SUPPRESSION PULL-STATION
NOT TO SCALE



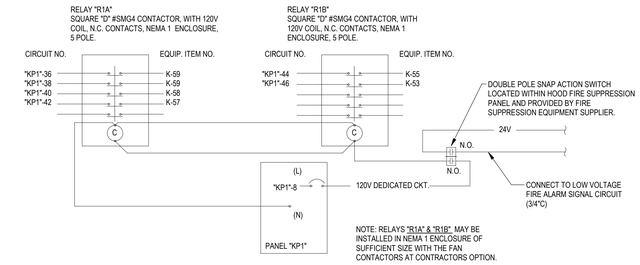
5 E4.2 KITCHEN STUB-UP DETAIL
NOT TO SCALE



6 E4.2 KITCHEN DISCONNECT MOUNTING
NOT TO SCALE



8 E4.2 KITCHEN SCRAPPER DETAIL
NOT TO SCALE



NOTE: RELAYS "R1A" & "R1B", MAY BE INSTALLED IN NEMA 1 ENCLOSURE OF SUFFICIENT SIZE WITH THE FAN CONTACTORS AT CONTRACTORS OPTION.

7 E4.2 KITCHEN HOOD EQUIP DIAGRAM
NOT TO SCALE

KITCHEN PLAN GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO MAKE FINAL HOOK-UP OF ALL KITCHEN EQUIPMENT.
2. ELECTRICAL CONTRACTOR TO VERIFY ALL KITCHEN EQUIPMENT ITEMS, AS NOTED, BY OTHERS AND/OR EXISTING BEFORE ROUGHING-IN ALL FINAL CONNECTIONS.
3. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL MAGNETIC STARTERS,THERMAL OVERLOAD PROTECTION AND DISCONNECT SWITCHES ON ALL MOTORS AND ELEMENTS ON KITCHEN EQUIPMENT AS REQUIRED.
4. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ALL CORDS AND PLUGS FOR KITCHEN EQUIPMENT. VERIFY PLUG WITH RECEPTACLE AND SHORTEN CORDS AS REQUIRED TO PREVENT CORDS FROM TOUCHING THE FLOOR, UNLESS OTHERWISE NOTED IN THE ITEMIZED CONNECTION SCHEDULE.
5. ELECTRICAL CONTRACTOR TO INTER-CONNECT FIELD WIRING WHERE REQUIRED.
6. ALL ELECTRICAL STUB-UP HEIGHTS ARE TO THE CENTERLINE OR THE ELECTRICAL BOXES.
7. ALL ELECTRICAL JUNCTION BOXES, RECEPTACLES AND WIRING IN DISHWASHER AREA, KITCHEN HOOD AND FLOOR STUB-UPS TO BE WATERPROOF. (FLOOR STUB-UP BOXES SHALL BE CAST IRON "FS" TYPE)
8. THIS PLAN COVERS ONLY KITCHEN EQUIPMENT FURNISHED AND INSTALLED BY THE KITCHEN EQUIPMENT CONTRACTOR AND EXISTING TO BE RELOCATED. ROUGH-IN REQUIREMENTS FOR OTHER ITEMS ARE TO BE AS SET FORTH BY OTHERS.
9. ALL CONDUIT, BOXES, AND RELATED ROUGH-IN MATERIAL SHALL BE RUN UNEXPOSED UNDER SLAB, IN WALLS AND ABOVE FINISHED CEILING WHERE POSSIBLE.
10. LOADS SHOWN ARE ACTUAL KITCHEN EQUIPMENT LOADS ONLY, UNLESS OTHERWISE NOTED.
11. KITCHEN EQUIPMENT CONTRACTOR TO VERIFY ALL EXISTING EQUIPMENT,(BUILT-IN AND/OR EXISTING), THAT BECOMES A PART OF THE NEW EQUIPMENT.
12. KITCHEN EQUIPMENT CONTRACTOR SHALL MAKE ALL JUNCTION BOXES EASILY ACCESSIBLE WITHOUT MOVING EQUIPMENT. WHERE THE PLACING OF EQUIPMENT WILL NOT PERMIT ACCESSIBILITY, CONTRACTOR SHALL CUT OPENING AND PROVIDE REMOVABLE COVER PLATES IN THE EQUIPMENT.
13. ALL OUTLETS/DEVICES IN KITCHEN AREA SHALL BE GFCI TYPE AND/OR PROTECTED BY A GFCI BREAKER. (NO FEED THRU PROTECTION ALLOWED)
14. ALL BRANCH CIRCUITS PROTECTED BY GFCI TRIP BREAKERS SHALL CONTAIN SEPARATE NEUTRAL CONDUCTORS.
15. ALL DEVICE COVERPLATES FOR KITCHEN AND ANCILLARY SUPPORT SPACES, SUCH AS DISH WASH, SHALL HAVE STAINLESS STEEL COVERPLATES.

PANELBOARD: KP1

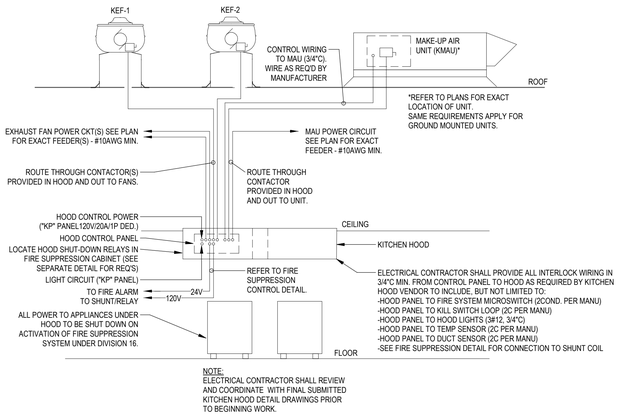
LOCATION: PREP AREA 116 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: RECESSED NEMA1 **A.I.C. RATING:** 35,000
MAIN DEVICE: 400.0 A MLO **SPECIAL:**
BUS AMPS: 400 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
RCPT	20 A	1	1	0.7	0.4					2	1	20 A	RCPT Room 115, 116
LTS 434, 448, 451, 425, 426	20 A	1	3			1.2	0.2			4	1	20 A	POW SUPP
HP-1	20 A	2	5					1.4	0.5	6	1	20 A	HOOD LTS
			7	1.4	0.2					8	1	20 A	HOOD CTRL
COOLER	20 A	3	9			0.6	0.6			10	1	20 A	SPEC
			11					0.6	0.5	12			
			13	0.6	0.5					14	3	20 A	SCRAPPER
FREEZER	40 A	3	15			2.0	0.5			16			
			17					2.0	0.9	18	1	20 A	RCPT
			19	2.0	0.7					20	1	20 A	RCPT
COOLER LTS	20 A	1	21			0.2	0.7			22	1	20 A	RCPT
FREEZ HEAT TAPE	20 A	1	23					1.2	0.0	24	1	20 A	RCPT Room 451
RCPT	20 A	1	25	0.7	0.5					26	1	20 A	Room 426, 425
RCPT	20 A	1	27			0.5	1.2			28	1	20 A	RCPT
DRYER (GFCI)	30 A	2	29					1.5	1.0	30	1	20 A	RCPT
			31	1.5	0.5					32	1	20 A	RCPT
RCPT	20 A	1	33			0.5	0.8			34	1	20 A	RCPT
HEF-1	20 A	3	35					0.5	1.0	36	1	20 A	HOOD RCPT GFCI TRIP
			37	0.5	1.0					38	1	20 A	HOOD RCPT GFCI TRIP
			39			0.5	0.5			40	1	20 A	HOOD RCPT GFCI TRIP
HEF-2	20 A	3	41					0.5	0.2	42	1	20 A	HOOD RCPT GFCI TRIP
			43	0.5	0.5					44	1	20 A	HOOD RCPT GFCI TRIP
			45			0.5	0.5			46	1	20 A	HOOD RCPT GFCI TRIP
MAU-1	20 A	3	47					1.2	1.0	48	1	20 A	RCPT PREP AREA 116
			49	1.2	0.4					50	1	20 A	RCPT PREP AREA 116
			51			1.2	0.8			52	1	20 A	RCPT PREP AREA 116
RCPT PREP AREA 116	20 A	1	53					1.8	0.2	54	1	20 A	RCPT PREP AREA 116
RCPT PREP AREA 116	20 A	1	55	1.8	1.8					56	1	20 A	RCPT SERVING AREA 115
RCPT SERVING AREA 115	20 A	1	57			0.2	1.8			58	1	20 A	RCPT SERVING AREA 115
RCPT SERVING AREA 115	20 A	1	59					1.0	0.2	60	1	20 A	RCPT SERVING AREA 115
TABLE SERVING AREA 115	20 A	1	61	1.2	1.2					62	1	20 A	TABLE SERVING AREA 115
RCPT SERVING AREA 115	20 A	1	63			0.5	3.0			64	2	50 A	TABLE SERVING AREA 115
RCPT PREP AREA 116	20 A	1	65					1.8	3.0	66			
			67		0.4					68	1	20 A	RCPT PREP AREA 116
			69							70			
SPARE	20 A	1	71					0.0	0.0	72	1	20 A	SPARE
SPARE	20 A	1	73	0.0	0.0					74	1	20 A	SPARE
SPARE	20 A	1	75			0.0	0.0			76	1	20 A	SPARE
SPARE	20 A	1	77					0.0	0.0	78	1	20 A	SPARE
SPARE	20 A	1	79	0.0	0.0					80	1	20 A	SPARE
SPARE	20 A	1	81			0.0	0.0			82	1	20 A	SPARE
SPARE	20 A	1	83					0.0	0.0	84	1	20 A	SPARE
	TOTAL LOAD:			20 kVA		19 kVA		22 kVA					
	TOTAL AMPS:			171 A		156.1 A		185 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED
HVAC	2700 VA	100.00%	2700 VA
Other	10287 VA	100.00%	10287 VA
RCPT	29240 VA	67.10%	19620 VA
LITES	1162 VA	125.00%	1453 VA
SPEC	17522 VA	100.00%	17522 VA
Lighting	21 VA	100.00%	21 VA

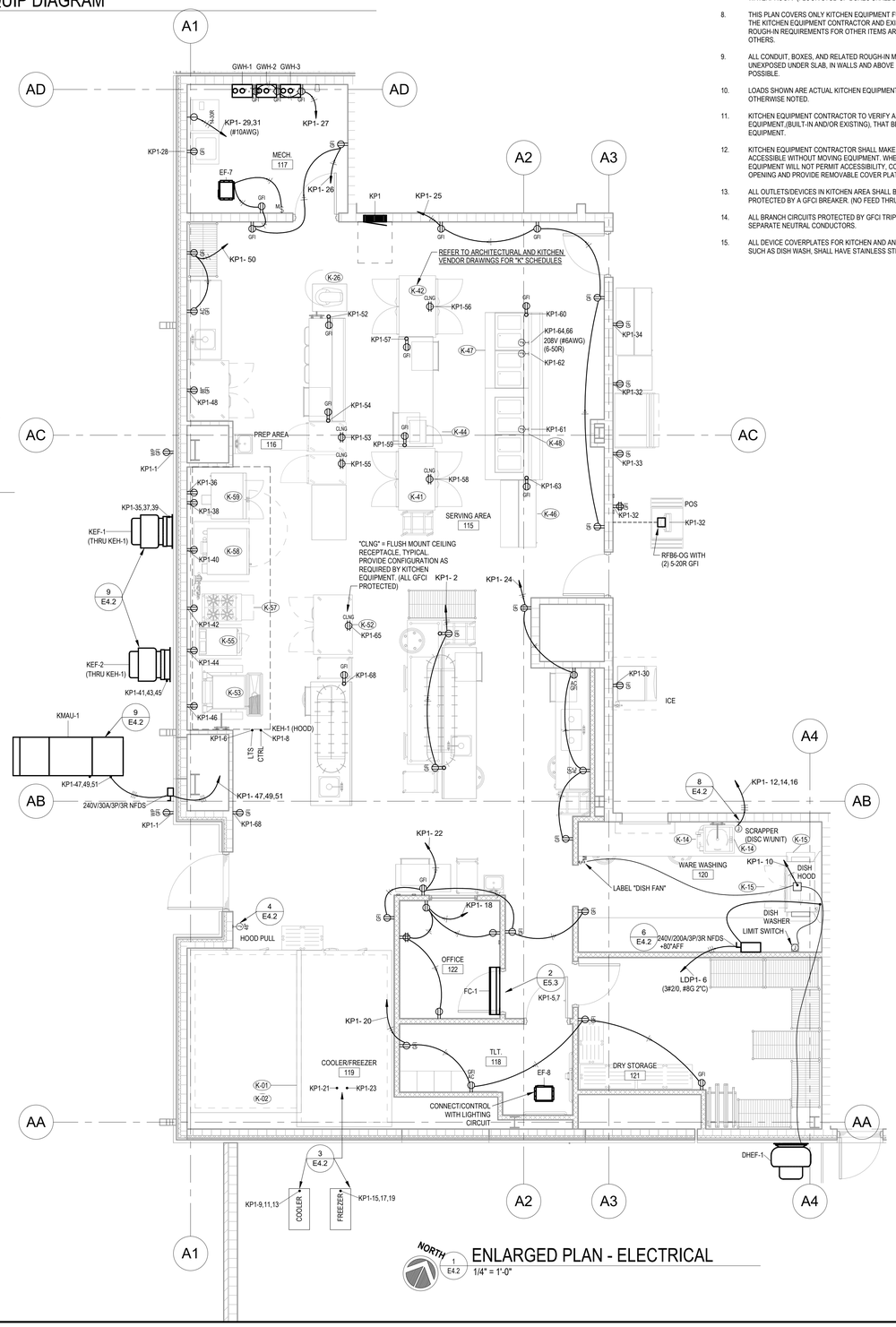
PANEL TOTALS	
CONNECTED LOAD:	60932 VA
ESTIMATED DEMAND:	51603 VA
CONNECTED CURRENT:	169.1 A
EST. DEMAND CURRENT:	143.2 A

NOTES:
SQUARE D FLUSH NQOD



NOTE:
ELECTRICAL CONTRACTOR SHALL REVIEW AND COORDINATE WITH FINAL SUBMITTED KITCHEN HOOD DETAIL DRAWINGS PRIOR TO BEGINNING WORK.

9 E4.2 KITCHEN MAU DIAGRAM
1/8" = 1'-0"



1 E4.2 ENLARGED PLAN - ELECTRICAL
1/4" = 1'-0"

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEWVRW.COM

ENLARGED KITCHEN PLAN & DETAILS

EAST END ELEMENTARY

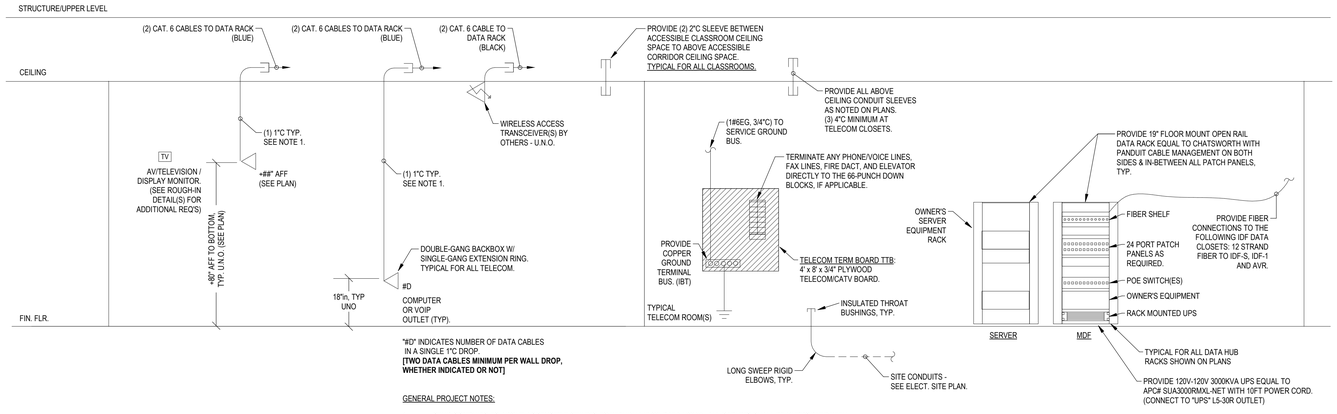
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 166
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11659
SCOTT WOODWARD

DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

E4.2

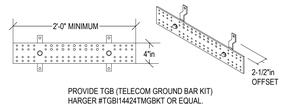


"#D" INDICATES NUMBER OF DATA CABLES IN A SINGLE 1"C DROP.
[TWO DATA CABLES MINIMUM PER WALL DROP, WHETHER INDICATED OR NOT]

GENERAL PROJECT NOTES:

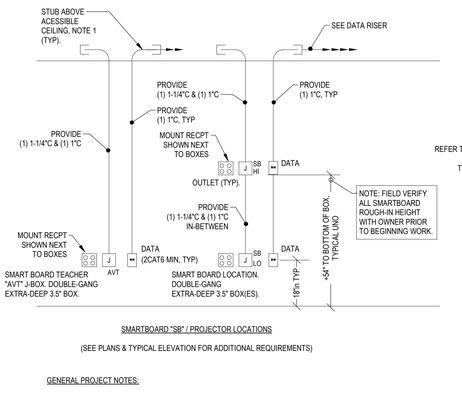
1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. TELE/DATA SYSTEMS: CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACKBOXES, SLEEVES, RACKS, PATCH PANELS, TESTING, ETC. TO FACILITATE A COMPLETE SYSTEM.
3. WIRELESS ACCESS POINTS: CABLING FOR WIRELESS ACCESS POINTS SHALL BE TERMINATED WITH MALE RJ45 CONNECTOR AND HAVE 10'-0" OF SLACK ABOVE CEILING. CABLE COLOR FOR WIRELESS ACCESS POINTS SHALL MATCH CAMPUS/BLDG STANDARD.
4. TELEVISION/MONITORS: CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACKBOXES, SLEEVES, RACKS, PATCH PANELS, TESTING, ETC. FOR A FACILITATE A COMPLETE SYSTEM.
5. FIBER SYSTEMS: PROVIDE ALL FIBER CABLING, TERMINATIONS, SHELVES, TESTING, ETC AS REQUIRED AND SHOWN/NOTED ON PLANS/SPECS. COORDINATE WITH DIVISION 27 FOR FIBER TYPE AND CONNECTORS.
6. PROVIDE ALL SLEEVES AT WALL/FIRE PARTITIONS. [TWO 4"C MIN FOR EACH SIDE OF STANDARD CORRIDOR PARTITIONS AND TWO 4" 3M FIRE-RATED PT4RD SLEEVES AT FIRE PARTITIONS].
7. REFER TO DIVISION 27 FOR ADDITIONAL REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. ALL FACEPLATE FINISHES SHALL MATCH OTHER PROJECT DEVICE FACEPLATES IN THE AREA IN WHICH THEY ARE INSTALLED.
8. SEE PLANS FOR ADDITIONAL ROUTING NOTES. CONDUIT ROUTING SHOWN IS TYPICAL FOR ALL FLOORS, IF APPLICABLE. REFER TO INTERACTIVE DISPLAY BOARD AND AUDIO/VIDEO RISER DIAGRAMS AND NOTES FOR ADDITIONAL CONDUIT/CABLING REQUIREMENTS.
9. EC / PREMISE CABLING CONTRACTOR TO PROVIDE ALL CAT6 CABLING AS REQUIRED FOR PROJECT. COORDINATE WITH ALL VENDORS FOR EXACT REQUIREMENTS. (TO INCLUDE, BUT NOT LIMITED TO FIRE, INTERCOM, CAMERAS, ACCESS CONTROL, AUDIO/VISUAL, ETC.)

1 E5.1 RISER DIAGRAM - TELECOM
NOT TO SCALE



PROVIDE TGB (TELECOM GROUND BAR KIT) HARGER #TGBI1442ATMGBKT OR EQUAL.

9 E5.1 TELECOM GROUND BAR KIT
1/8" = 1'-0"



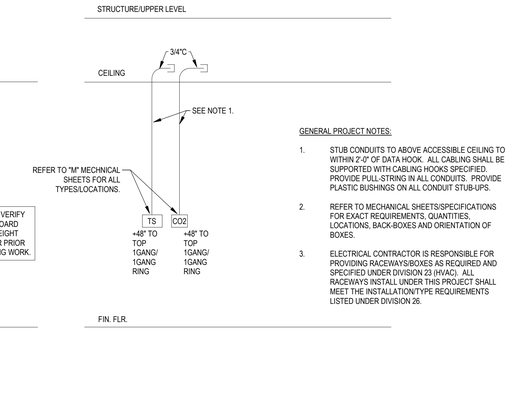
SMARTBOARD "SB" / PROJECTOR LOCATIONS

(SEE PLANS & TYPICAL ELEVATION FOR ADDITIONAL REQUIREMENTS)

GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACK-BOXES, ETC TO FACILITATE A COMPLETE SYSTEM - UNO.
3. REFER TO DIVISION 27 FOR ADDITIONAL REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. ALL FACEPLATE FINISHES SHALL MATCH OTHER PROJECT DEVICE FACEPLATES IN THE AREA IN WHICH THEY ARE INSTALLED.
4. LOW-VOLTAGE, AUDIO/VISUAL AND INTERACTIVE DISPLAY BOARD CONDUITS ARE SIZED IN ACCORDANCE WITH VENDORS INSTALLING/UTILIZING "RAPIDRUN" OR "EZ-PULL" TYPE CABLES TO EQUIPMENT. CONTRACTORS PROVIDING AUDIO/VISUAL CABLING UNDER THIS PROJECT/CONTRACT SHALL UTILIZE THESE TYPES OF CABLES.

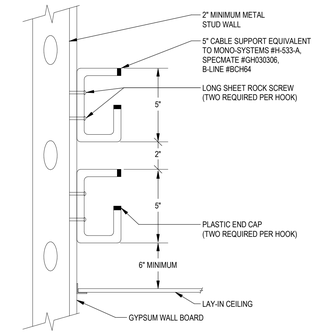
6 E5.1 RISER DIAGRAM - SMARTBOARD
NOT TO SCALE



GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. REFER TO MECHANICAL SHEETS/SPECIFICATIONS FOR EXACT REQUIREMENTS. QUANTITIES, LOCATIONS, BACK-BOXES AND ORIENTATION OF BOXES.
3. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING RACEWAYS/BOXES AS REQUIRED AND SPECIFIED UNDER DIVISION 23 (HVAC). ALL RACEWAYS INSTALL UNDER THIS PROJECT SHALL MEET THE INSTALLATION/TYPE REQUIREMENTS LISTED UNDER DIVISION 26.

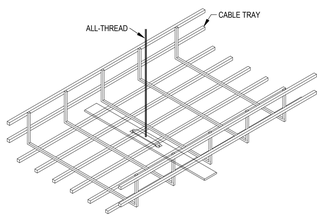
2 E5.1 HVAC CONTROL RISER & NOTES
NOT TO SCALE



NOTES:

1. MOUNT CABLE SUPPORTS AS FOLLOWS:
   A. PROVIDE HOOKS MOUNTED ON BOTH SIDES OF ALL ACCESSIBLE CORRIDOR CEILINGS.
   B. PROVIDE HOOKS, ABOVE ACCESSIBLE CEILINGS, AROUND THE PERIMETER OF ALL LARGE ROOMS/SPACES (>1000 SQ FT).
   C. IN GENERAL, PROVIDE HOOKS AS REQUIRED TO SUPPORT ALL LOW-VOLTAGE WIRING. NO LOW-VOLTAGE WIRING SHALL LAY ON CEILING TILES. LOW-VOLTAGE WIRING SUPPORTS SHALL BE INDEPENDENT OF ANY CEILING SUPPORTS AND MARKED ACCORDING TO NEC.
2. INSTALL HOOKS AT 4'-0" ON CENTER.
3. HOOKS MAY BE OMITTED IN CORRIDORS WHERE CABLE-TRAY IS SHOWN ON PLANS.
4. IN AREAS WHERE NO CEILINGS/EXPOSED, SUCH AS A GYMNASIUM, MECHANICAL ROOM, LOBBY ETC, ALL LOW-VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT/RACEWAY.
5. IN AREAS WITH HARD (INACCESSIBLE) CEILINGS, SUCH AS GYPSUM, ALL LOW-VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT/RACEWAY.
6. ALL EXTERIOR LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT/RACEWAY.
7. BOTTOM HOOK FOR FIRE ALARM CABLING ONLY. ALL OTHER SYSTEMS CABLING TO BE ROUTED ON TOP HOOK.

4 E5.1 CABLE HOOK DETAIL
NOT TO SCALE

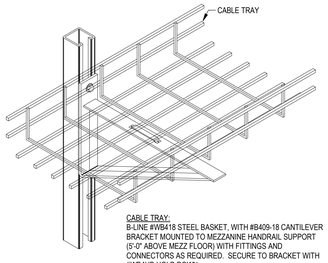


CABLE TRAY:
B-LINE #FTAX18 STEEL BASKET, WITH #FTB12CT TRAPEZE HANGER WITH FITTINGS AND CONNECTORS AS REQUIRED. SECURE TO BRACKET WITH 1/2" ALL-THREAD.

MOUNT 6" ABOVE ACCESSIBLE CEILING AND AT HEIGHT NOTED ON PLAN IN EXPOSED AREAS.

AT AREAS WITHOUT CABLE TRAY, PROVIDE DATA HOOKS AS DETAILED/REQUIRED TO SUPPORT ALL LOW-VOLTAGE CABLING.

7 E5.1 SYSTEMS CABLE SUPPORT DETAIL
NOT TO SCALE

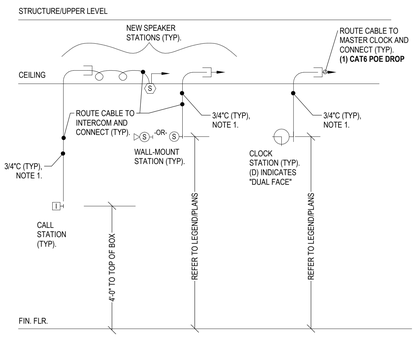


CABLE TRAY:
B-LINE #WB418 STEEL BASKET, WITH #B409-18 CANTILEVER BRACKET MOUNTED TO MEZZANINE HANDRAIL SUPPORT (5'-0" ABOVE MEZZ FLOOR) WITH FITTINGS AND CONNECTORS AS REQUIRED. SECURE TO BRACKET WITH #WB4HD HOLD DOWN.

SUSPEND WITH #WB5318 SUPPORT HANGERS AT 6' - 0" O.C. IN OPEN/TELECOM AREAS AS SEPARATELY DETAILED.

AT AREAS WITHOUT CABLE TRAY, PROVIDE DATA HOOKS AS DETAILED/REQUIRED TO SUPPORT ALL LOW-VOLTAGE CABLING.

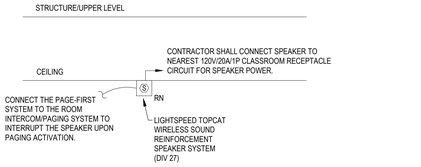
8 E5.1 CABLE TRAY WALL
NOT TO SCALE



GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. INTERCOM COMMUNICATION SYSTEMS: CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACKBOXES, SLEEVES, RACKS, PATCH PANELS, TESTING, ETC. TO FACILITATE A COMPLETE SYSTEM. IF EXTENDING AN EXISTING SYSTEM, ALL NEW DEVICES SHALL MATCH EXISTING TYPE/MANUFACTURER.
3. MASTER CLOCK/DIGITAL POE CLOCKS: CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACKBOXES, DEVICES, CLOCK-CONTROLLER, ETC. TO FACILITATE A COMPLETE SYSTEM.
4. REFER TO DIVISION 27 FOR ADDITIONAL REQUIREMENTS. CABLE AND JACK COLORING, TYPES SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. PROVIDE SHIELDED CABLING FOR SPEAKER WIRING AS RECOMMENDED BY MANUFACTURER. ALL FACEPLATE FINISHES SHALL MATCH OTHER PROJECT DEVICE FACEPLATES IN THE AREA IN WHICH THEY ARE INSTALLED.

5 E5.1 RISER DIAGRAM - INTERCOM
NOT TO SCALE



GENERAL PROJECT NOTES:

1. STUB ANY CONDUITS REQUIRED TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. PROVIDE ALL EQUIPMENT, CABLING, POWER, AND RACEWAYS AS REQUIRED FOR A COMPLETE & OPERATIONAL SYSTEM PER CLASSROOM. REFER TO SPECIFICATIONS 27 51 26 FOR TYPICAL CLASSROOM EQUIPMENT.

TYPICAL SOUND REINFORCEMENT "RN" LOCATIONS (SEE PLANS FOR LOCATIONS)

3 E5.1 RISER DIAGRAM - SOUND REINFORCEMENT
NOT TO SCALE

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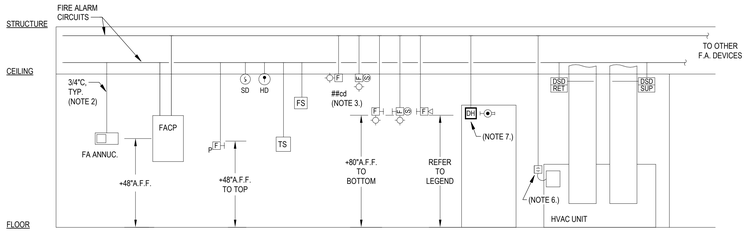
SYSTEMS RISERS & DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
SCOTT P. WOODWARD
NO. 11659

DATE: 2026-05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

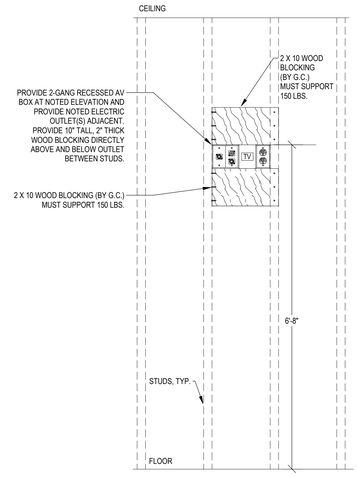
E5.1



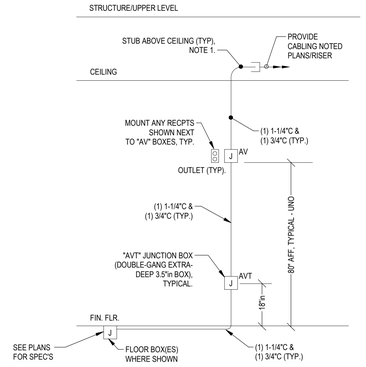
SCOPE OF WORK - CONTRACTOR SHALL PROVIDE THE FOLLOWING:

1. PROVIDE NEW CONTROL PANEL(S) AND POWER SUPPLIES INSTALLED WITH DIGITAL DACT DIALER FOR FIRE DEPARTMENT NOTIFICATION AND (1) 3/4" CONDUIT TO TELEPHONE TERMINAL BOARD WITH TWO DEDICATED PHONE LINES. SYSTEM SHALL BE ADDRESSABLE TYPE AS SPECIFIED.
2. ALL WIRING SHALL BE INSTALLED IN EMT CONDUIT IN EXPOSED AREAS SUCH AS GYMNASIUMS, MECH/ELECT, BOILER ROOMS, EXTERIOR, ETC. ELSEWHERE, CONDUIT WILL BE INSTALLED IN WALLS FROM DEVICE LOCATIONS STUBBED TO ABOVE ACCESSIBLE CEILING WITH FPLP CABLE AND SUPPORTS PER NEC 760.
3. PROVIDE VISUAL NOTIFICATION DEVICES ("STROBES") IN ALL RESTROOMS, CLASSROOMS, AND ALL PUBLIC AND COMMON SPACES PER NFPA AND ADA. (COMBINE WITH AUDIO NOTIFICATION DEVICES WHERE SHOWN).
4. PROVIDE AUDIO NOTIFICATION DEVICES ("HORNS"/"SPEAKERS") THROUGHOUT TO PROVIDE AUDIBLE NOTIFICATION PER NFPA AND ADA REQUIREMENTS. RE-ENTRANT HORNS WILL SHALL BE INSTALLED AT ENTRANCE/EXIT LOCATIONS.
5. SMOKE DETECTORS SHALL BE INSTALLED IN UNOCCUPIED AREAS, SUCH AS STORAGE, TELECOM AND ELECTRICAL CLOSETS WITH HEAT DETECTORS INSTALLED IN JANITOR CLOSETS AND MECHANICAL ROOMS. SMOKE DETECTORS SHALL BE MOUNTED AT LEAST 3'-0" OF UNIT CONTROL). "CO" INDICATES COMBINATION SMOKE AND CARBON MONOXIDE TYPE DETECTOR.
6. PROVIDE DUCT SMOKE DETECTORS PER NFPA 90A, INTERNATIONAL BUILDING AND MECHANICAL CODES WITH ALL INTERLOCK RELAYS FOR FAN SHUTDOWN UPON SMOKE DETECTION. (ONE RELAY FOR EACH HVAC UNIT SHOWN WITH DUCT DETECTOR - MOUNTED WITHIN 3'-0" OF UNIT CONTROL).
7. PROVIDE FLUSH MOUNTED HOLD OPEN DEVICES AT FIRE DOORS/SEPARATIONS POWERED FROM FIRE ALARM PANEL AS REQUIRED. UTILIZE THE LATEST "DH" SERIES TYPE FROM SAME MANUFACTURER AS THE SPECIFIED FIRE ALARM SYSTEM. PROVIDE ALL HARDWARE/EXTENSIONS/RODS ETC AS REQUIRED. PROVIDE SMOKE DETECTORS WITHIN 5'-0" OF BOTH SIDES OF OPENING TO RELEASE HOLDERS.
8. PROVIDE ALL MANUAL PULL STATIONS AT ALL EXITS AND LOCATIONS/SPACING PER NFPA REQUIREMENTS.
9. PROVIDE ALL INTERLOCK RELAYS TO RELEASE DOORS AND SECURITY LOCKS/POWER SUPPLIES UPON ALARM.
10. CONNECT ALL KITCHEN SUPPRESSION SYSTEMS ("ANSUL") TO THE FIRE ALARM SYSTEM FOR MONITORING.
11. CONNECT ALL FIRE SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES TO THE FIRE ALARM SYSTEM FOR MONITORING.
12. PROVIDE FLUSH-MOUNTED REMOTE ANNUNCIATOR PANEL IN ENTRANCE LOBBY AND/OR FIRE FIGHTER ENTRANCE LOCATION.
13. ALL 120V POWER CIRCUITS FOR THE FIRE ALARM SYSTEM SHALL BE DEDICATED AND MARKED AS SUCH IN THE PANEL. PROVIDE "LOCK-ON" HANDLE FOR BREAKER(S).
14. ALL CEILING MOUNT DEVICES SHALL BE WHITE IN COLOR.
15. **CONTRACTOR TO PROVIDE A COMPLETE AND OPERATIONAL BI-DIRECTIONAL EMERGENCY RADIO ANTENNAE/AMPLIFIER SYSTEM THROUGHOUT BUILDING AS REQUIRED AND SPECIFIED UNDER DIVISION 28.**

3 / E5.2 FIRE ALARM SCOPE OF WORK
NOT TO SCALE



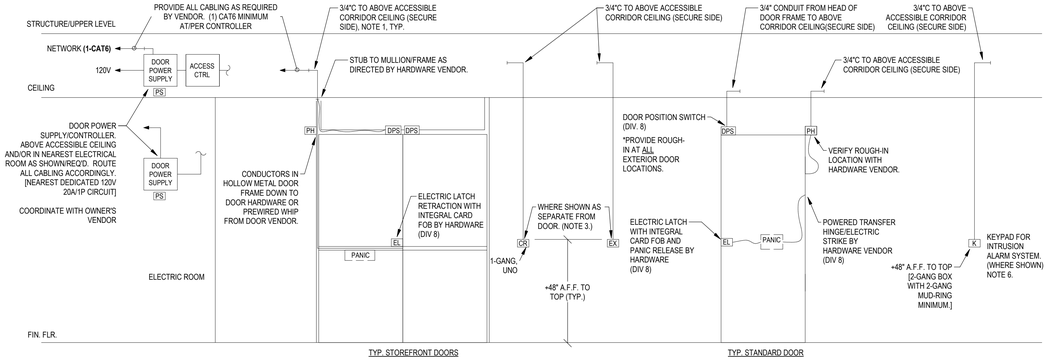
4 / E5.2 TV/MONITOR BLOCKING DETAIL
NOT TO SCALE



GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACK-BOXES, ETC TO FACILITATE A COMPLETE SYSTEM - UNO.
3. REFER TO DIVISION 27 FOR ADDITIONAL REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. ALL FACEPLATE FINISHES SHALL MATCH OTHER PROJECT DEVICE FACEPLATES IN THE AREA IN WHICH THEY ARE INSTALLED.
4. LOW-VOLTAGE, AUDIO/VISUAL AND INTERACTIVE DISPLAY BOARD CONDUITS ARE SIZED IN ACCORDANCE WITH VENDORS INSTALLING/UTILIZING "RAPIDRUN" OR "EZ-PULL" TYPE CABLES TO EQUIPMENT. CONTRACTORS PROVIDING AUDIO/VISUAL CABLING UNDER THIS PROJECT/CONTRACT SHALL UTILIZE THESE TYPES OF CABLES.

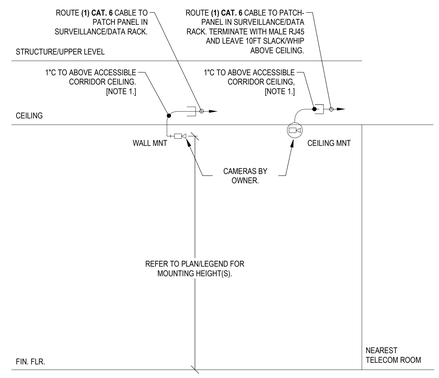
5 / E5.2 TYPICAL CONFERENCE ROOM
NOT TO SCALE



GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ANY CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. PROVIDE ALL CONDUIT, BACK-BOXES AND 120V POWER AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE ALL REQUIREMENTS AND LOCATIONS WITH DIVISION 8 HARDWARE AND CONSTRUCTION MANAGER, PRIOR TO BEGINNING WORK.
3. PROVIDE ALL CABLING AS REQUIRED TO FORM A COMPLETE AND OPERATIONAL SYSTEM. REFER TO DIVISION 27 FOR ADDITIONAL CABLING REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS.
4. CARD READER FINISH SHALL BE SELECTED BY ARCHITECT, IF APPLICABLE.

2 / E5.2 RISER DIAGRAM - ACCESS CONTROL
NOT TO SCALE



GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ANY CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. PROVIDE ALL CONDUIT, BACK-BOXES AND 120V POWER AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE ALL REQUIREMENTS AND LOCATIONS WITH CONSTRUCTION MANAGER/GENERAL CONTRACTOR PRIOR TO BEGINNING WORK.
3. PROVIDE ALL CABLING AS REQUIRED TO FORM A COMPLETE AND OPERATIONAL SYSTEM (YELLOW IN COLOR). REFER TO DIVISION 27 FOR ADDITIONAL CABLING REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. ALL FACEPLATE FINISHES SHALL MATCH OTHER PROJECT DEVICE FACEPLATES IN THE ARE IN WHICH THEY ARE INSTALLED.

1 / E5.2 RISER DIAGRAM - VIDEO SURVEILLANCE
NOT TO SCALE

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SYSTEMS RISERS & DETAILS

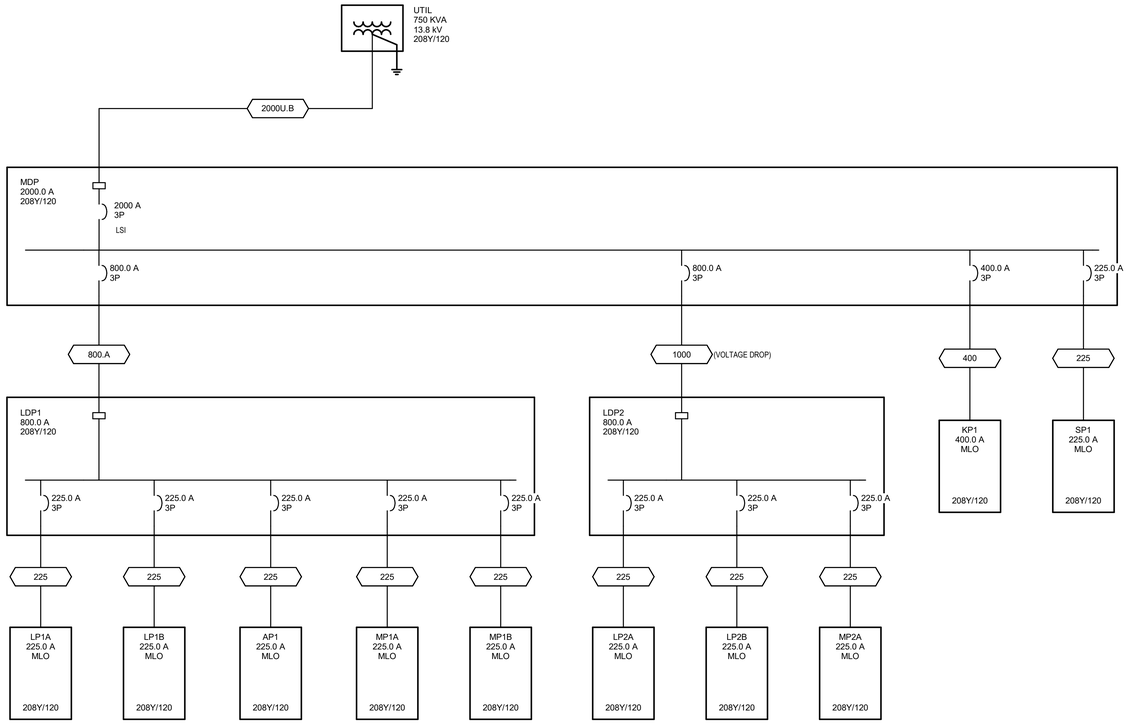
EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION — LEWIS ARCHITECTS ENGINEERS — No. 186 — ARKANSAS ENGINEER — ARCHITECT

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 11659 — SCOTT P. WOODWARD

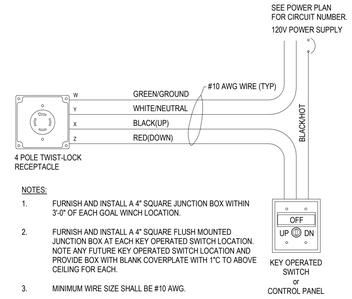
DATE: 2026 05-18
PROJECT NO: 25053
DRAWN BY: SPW
REV:

E5.2



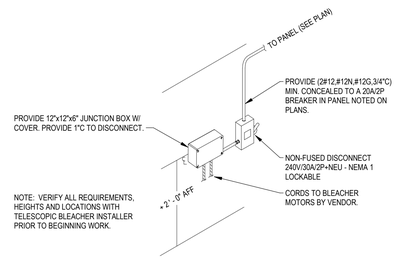
5 E5.3 ONE LINE DIAGRAM
NOT TO SCALE

FEEDER SCHEDULE	
225	2-1/2"C, 3-4/0, 4/0N, #4G
400	(2)2"C, 3-3/0, 3/0N, #2G
800.A	(3)4"C, 3-300kcmil, 300kcmil N, 1/0G
1000	(3)4"C, 3-400kcmil, 400kcmil N, 3/0G
2000U.B	(6)4"C, 3-500kcmil, 500kcmil N

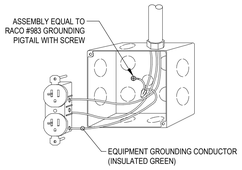


NOTES:
1. FURNISH AND INSTALL A 4" SQUARE JUNCTION BOX WITHIN 3'-0" OF EACH GOAL WINCH LOCATION.
2. FURNISH AND INSTALL A 4" SQUARE FLUSH MOUNTED JUNCTION BOX AT EACH KEY OPERATED SWITCH LOCATION. NOTE ANY FUTURE KEY OPERATED SWITCH LOCATION AND PROVIDE BOX WITH BLANK COVERPLATE WITH 1"C TO ABOVE CEILING FOR EACH.
3. MINIMUM WIRE SIZE SHALL BE #10 AWG.
4. GOAL WINCH SUPPLIER SHALL PROVIDE THE 4 POLE TWIST-LOCK RECEPTACLE PREMOUNTED IN 4" SQUARE JUNCTION BOX COVERPLATE AND KEY OPERATED SWITCH MOUNTED TO STAINLESS STEEL COVERPLATE FOR EACH GOAL WINCH. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS. REFER TO THE MANUFACTURERS INSTALLATION DIAGRAMS.
5. SEE POWER PLAN FOR CONDUIT SIZES AND CIRCUIT NUMBER.

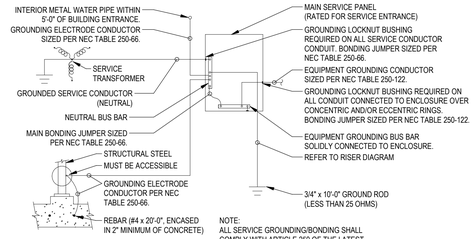
7 E5.3 GOAL MOTOR CONNECTION
NOT TO SCALE



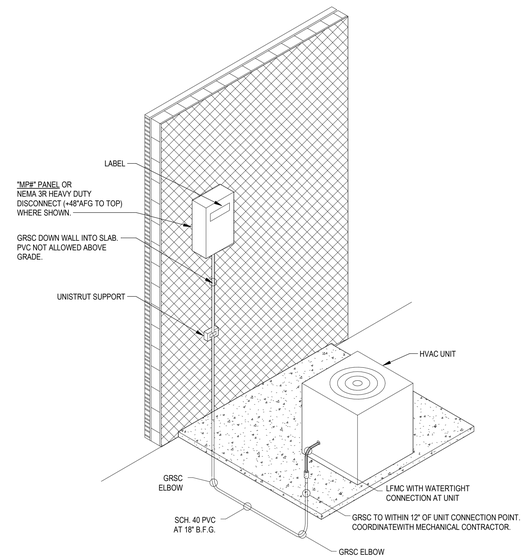
6 E5.3 BLEACHER CONNECTION DIAGRAM
NOT TO SCALE



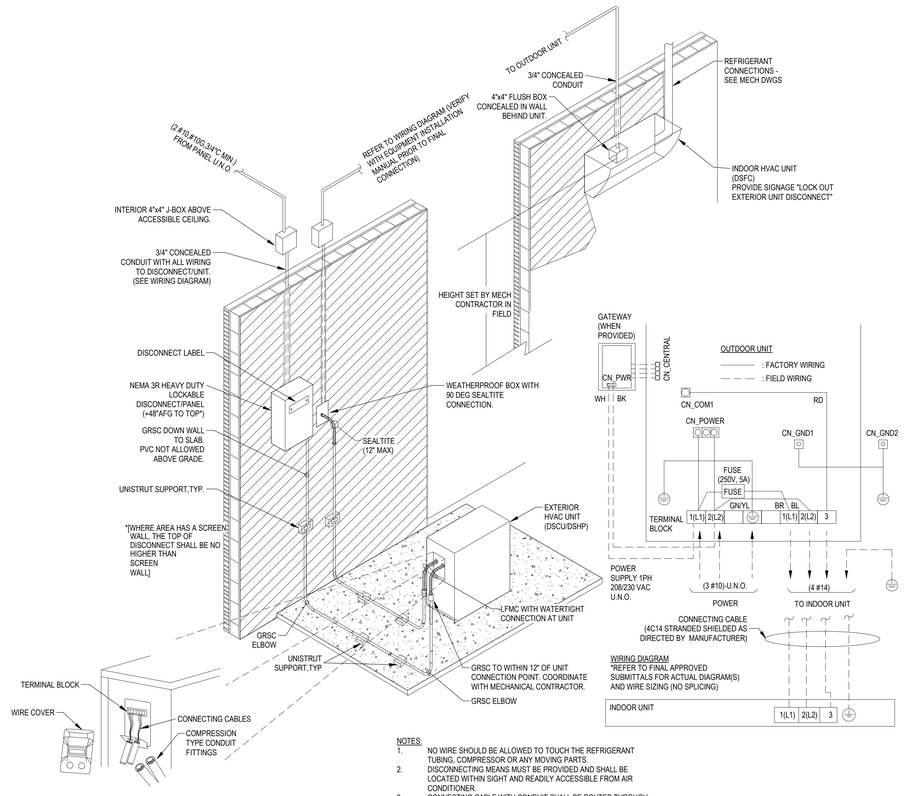
3 E5.3 RECEPTACLE GROUND DETAIL
NOT TO SCALE



1 E5.3 POWER SERVICE GROUND
NOT TO SCALE



4 E5.3 EXTERIOR HVAC DISCONNECT BELOW GRADE
NOT TO SCALE



NOTES:
1. NO WIRE SHOULD BE ALLOWED TO TOUCH THE REFRIGERANT TUBING, COMPRESSOR OR ANY MOVING PARTS.
2. DISCONNECTING MEANS MUST BE PROVIDED AND SHALL BE LOCATED WITHIN SIGHT AND READILY ACCESSIBLE FROM AIR CONDITIONER.
3. CONNECTING CABLE WITH CONDUIT SHALL BE ROUTED THROUGH HOLE IN THE CONDUIT PANEL.
4. AN APPROVED AND LISTED FITTING MUST BE USED TO SECURELY AFFIX CONDUIT IN ACCORDANCE WITH NEC AND LOCAL CODES.

2 E5.3 MINI-SPLIT HVAC CONNECTION
NOT TO SCALE

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POWER RISER & DETAILS

EAST END ELEMENTARY
SHERIDAN SCHOOL DISTRICT
HENSLEY, AR

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11659
SCOTT P. WOODWARD

DATE:	2026-05-18
PROJECT NO:	25053
DRAWN BY:	SPW
REV:	

E5.3

Dist. Panelboard: MDP

Location: — **Volts:** 208Y/120 — **A.I.C. Rating:** 65,000
Supply From: UTIL — **Phases:** 3 — **Mains Type:** MCB
Mounting: FLOOR — **Wires:** 4 — **Mains Rating:** 2000.0 A
Enclosure: NEMA 3R — **MCB Rating:** 2000.0 A

Notes:
SQUARE D QED STYLE WITH LSI MAIN

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	LDP1	3	800.0 A	247447 VA	
2	LDP2	3	800.0 A	245453 VA	
3	KP1	3	400.0 A	60932 VA	
4	SP1	3	225.0 A	51541 VA	
5	POAU-1	3	150.0 A	36000 VA	
6	AC-3	3	175.0 A	39000 VA	
7	AC-2	3	60.0 A	15200 VA	
8	SPACE	3	400.0 A	0 VA	
9	SPACE	3	250.0 A	0 VA	
10	SPACE	3	250.0 A	0 VA	
11	INTEGRAL TVSS/SPD	3	60.0 A	0 VA	
				695556 VA	
				1930.7 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	395108 VA	100.00%	395108 VA		
Other	18284 VA	100.00%	18284 VA	**Total Conn. Load:**	695556 VA
RCPT	179492 VA	52.79%	94746 VA	**Total Est. Demand:**	618540 VA
LITES	30918 VA	125.00%	38648 VA	**Total Conn.:**	1930.7 A
SPEC	63347 VA	100.00%	63347 VA	**Total Est. Demand:**	1716.9 A
Lighting	8563 VA	100.00%	8563 VA		

Notes:

Dist. Panelboard: LDP1

Location: CUSTODIAL 207 — **Volts:** 208Y/120 — **A.I.C. Rating:** 42,000
Supply From: MDP — **Phases:** 3 — **Mains Type:** MLO
Mounting: SURFACE — **Wires:** 4 — **Mains Rating:** 800.0 A
Enclosure: Type 1 — **MCB Rating:** 800.0 A

Notes:
SQUARE D I-LINE

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	LP1A	3	225.0 A	49025 VA	
2	LP1B	3	225.0 A	47662 VA	
3	AP1	3	225.0 A	36111 VA	
4	MP1A	3	225.0 A	32340 VA	
5	MP1B	3	225.0 A	42400 VA	
6	DISH HEATER	3	175.0 A	40000 VA	
7	SPACE	3	250.0 A	0 VA	
8	SPACE	3	250.0 A	0 VA	
				247447 VA	
				686.8 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	94828 VA	100.00%	94828 VA		
Other	7307 VA	100.00%	7307 VA	**Total Conn. Load:**	247447 VA
RCPT	79560 VA	56.28%	44780 VA	**Total Est. Demand:**	216885 VA
LITES	16867 VA	125.00%	21084 VA	**Total Conn.:**	686.8 A
SPEC	43720 VA	100.00%	43720 VA	**Total Est. Demand:**	602.0 A
Lighting	5316 VA	100.00%	5316 VA		

Notes:

Dist. Panelboard: LDP2

Location: CUSTODIAL 427 — **Volts:** 208Y/120 — **A.I.C. Rating:** 22,000 AMPS SYMMETRICAL
Supply From: MDP — **Phases:** 3 — **Mains Type:** MLO
Mounting: SURFACE — **Wires:** 4 — **Mains Rating:** 800.0 A
Enclosure: Type 1 — **MCB Rating:** 800.0 A

Notes:
SQUARE D I-LINE

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	LP2A	3	225.0 A	61236 VA	
2	LP2B	3	225.0 A	37920 VA	
3	MP2A	3	225.0 A	66460 VA	
4	POAU-2	3	200.0 A	50000 VA	
5	MP2B	3	225.0 A	29840 VA	
6	SPACE	3	250.0 A	0 VA	
7	SPACE	3	250.0 A	0 VA	
8	SPACE	3	250.0 A	0 VA	
				245453 VA	
				681.3 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	168380 VA	100.00%	168380 VA		
Other	720 VA	100.00%	720 VA	**Total Conn. Load:**	245453 VA
RCPT	66912 VA	57.47%	38456 VA	**Total Est. Demand:**	219058 VA
LITES	8245 VA	125.00%	10306 VA	**Total Conn.:**	681.3 A
SPEC	720 VA	100.00%	720 VA	**Total Est. Demand:**	608.0 A
Lighting	866 VA	100.00%	866 VA		

Notes:

PANELBOARD: LP1A

LOCATION: CUSTODIAL 207 — **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA1 — **A.I.C. RATING:** 22,000 AMPS SYMMETRICAL
MAIN DEVICE: 225.0 A MLO — **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
RCPT	20 A	1	1	0.9	0.5					2	1	20 A	RCPT
RCPT Room 431, 432	20 A	1	3			0.0	0.0			4	1	20 A	EWC GFCI
Other Space 431	20 A	1	5					1.2	1.2	6	1	20 A	Other Space 432
Other	20 A	1	7	0.5	0.5					8	1	20 A	Other
RCPT Room 433	20 A	1	9			0.9	0.5			10	1	20 A	RCPT Room 450, 429
RCPT Space 450	20 A	1	11					0.5	0.5	12	1	20 A	RCPT Space 450
RCPT Space 450	20 A	1	13	0.5	0.4					14	1	20 A	RCPT Space 450
			15							16			
			17							18			
RCPT Space 400	20 A	1	19	0.4	0.0					20	1	20 A	RCPT Space 400
RCPT Space 400	20 A	1	21			0.0	0.2			22	1	20 A	RCPT Room 400, 450
Other	20 A	1	23					0.0		24			
			25							26			
Room 433, 431, 432	20 A	1	27			0.9	0.9			28	1	20 A	Room 433, 364
Room 331, 340, 227, 278	20 A	1	29					1.0	1.0	30	1	20 A	Room 328, 344, 279, 366
Room 337, 430, 228, 281	20 A	1	31	1.0	1.2					32	1	20 A	Room 412, 291
Room 321, 318, 225, 280	20 A	1	33			1.0	1.4			34	1	20 A	Room 325, 268, 343, 226,...
Room 317, 323, 296, 229	20 A	1	35					0.5	0.6	36	1	20 A	Space 242
RCPT Space 331	20 A	1	37	0.2	0.2					38	1	20 A	RCPT Space 340
RCPT Room 278, 340	20 A	1	39			0.9	0.9			40	1	20 A	RCPT Space 340
RCPT Space 340	20 A	1	41					1.3	0.9	42	1	20 A	RCPT Room 227, 331
RCPT Space 331	20 A	1	43	1.3	0.9					44	1	20 A	RCPT Space 331
RCPT Room 344, 366	20 A	1	45			0.9	0.2			46	1	20 A	RCPT Space 344
RCPT Space 344	20 A	1	47					0.9	1.3	48	1	20 A	RCPT Space 344
RCPT Room 279, 328	20 A	1	49	0.9	0.2					50	1	20 A	RCPT Space 328
RCPT Space 328	20 A	1	51			0.9	1.3			52	1	20 A	RCPT Space 328
RCPT Space 325	20 A	1	53					0.2	0.9	54	1	20 A	RCPT Room 226, 325
RCPT Space 331	20 A	1	55	1.3	0.9					56	1	20 A	RCPT Space 325
RCPT Space 430	20 A	1	57			0.9	1.3			58	1	20 A	RCPT Space 430
RCPT Room 281, 430	20 A	1	59					0.9	0.2	60	1	20 A	RCPT Space 430
RCPT Space 337	20 A	1	61	0.2	0.9					62	1	20 A	RCPT Room 228, 337
RCPT Space 337	20 A	1	63			1.3	0.9			64	1	20 A	RCPT Space 337
RCPT Space 318	20 A	1	65					0.2	0.2	66	1	20 A	RCPT Space 321
RCPT Space 318	20 A	1	67	0.9	1.3					68	1	20 A	RCPT Space 318
RCPT Room 280, 318	20 A	1	69			0.9	0.9			70	1	20 A	RCPT Room 225, 321
RCPT Space 321	20 A	1	71					0.9	1.3	72	1	20 A	RCPT Space 321
RCPT Space 288	20 A	1	73	0.4						74			
			75							76			
			77						0.2	78	1	20 A	RCPT Space 288
RCPT Space 288	20 A	1	79	0.2	0.4					80	1	20 A	RCPT Space 288
RCPT Space 288	20 A	1	81			0.7				82			
			83							84			
	TOTAL LOAD:			16 kVA		18 kVA		16 kVA					
	TOTAL AMPS:			132 A		147.6 A		130 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	3360 VA	100.00%	3360 VA		
RCPT	36360 VA	63.75%	23180 VA	**CONNECTED LOAD:**	49025 VA
LITES	8752 VA	125.00%	10940 VA	**ESTIMATED DEMAND:**	38034 VA
Lighting	883 VA	100.00%	883 VA	**CONNECTED CURRENT:**	136.1 A
				EST. DEMAND CURRENT:	105.6 A

NOTES:
SQUARE D NQOD

PANELBOARD: LP1B

LOCATION: CUSTODIAL 207 — **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA1 — **A.I.C. RATING:** 22,000 AMPS SYMMETRICAL
MAIN DEVICE: 225.0 A MLO — **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
HVAC	20 A	1	1	1.2	1.2					2	1	20 A	HVAC
HVAC	20 A	1	3			1.2	1.2			4	1	20 A	HVAC
HVAC	20 A	1	5					1.2	1.2	6	1	20 A	HVAC
HVAC	20 A	1	7	1.2	1.2					8	1	20 A	HVAC
HVAC	20 A	1	9			1.2	1.2			10	1	20 A	HVAC
HVAC	20 A	1	11					1.2	1.2	12	1	20 A	HVAC
HVAC	20 A	1	13	1.2	1.2					14	1	20 A	HVAC
HVAC	20 A	1	15			1.2	0.0			16	1	20 A	RCPT
	20 A	1	17					0.7	0.0	18	1	20 A	RCPT Space 242
RCPT Space 291	20 A	1	19	1.3	1.1					20	1	20 A	RCPT Space 291
RCPT Space 291	20 A	1	21			0.9	0.7			22	1	20 A	RCPT Space 291
RCPT Room 247, 246, 245	20 A	1	23					0.9	1.3	24	1	20 A	RCPT Space 412
RCPT Space 412	20 A	1	25	1.3	0.2					26	1	20 A	RCPT Space 412
RCPT Space 412	20 A	1	27			0.9	0.7			28	1	20 A	RCPT
Other Space 433	20 A	1	29					0.2	1.1	30	1	20 A	RCPT Room 433, 364
Other Space 269	20 A	1	31	0.2	0.7					32	1	20 A	RCPT Room 268, 269
SPEC Space 269	20 A	2	33			1.5	1.3			34	1	20 A	RCPT Space 343
			35					1.5	1.1	36	1	20 A	RCPT Space 343
RCPT Space 343	20 A	1	37	1.1	0.2					38	1	20 A	RCPT Space 343
RCPT Space 257	20 A	1	39			0.9	0.0			40	1	20 A	RCPT Space 423
RCPT Room 423, 230	20 A	1	41					1.1	0.9	42	1	20 A	RCPT Room 243, 423
RCPT Room 423, 364	20 A	1	43	0.9	1.3					44	1	20 A	RCPT Space 317
RCPT Space 317	20 A	1	45			0.9	0.2			46	1	20 A	RCPT Space 317
RCPT Space 317	20 A	1	47					0.9	0.2	48	1	20 A	Other Space 248
SPEC Space 248	20 A	1	49	0.0	0.0					50	1	20 A	SPEC Space 248
RCPT Space 248	20 A	1	51			0.4	0.2			52	1	20 A	RCPT Space 248
RCPT Space 248	20 A	1	53					0.5	0.0	54	1	20 A	RCPT Space 248
RCPT Space 248	20 A	1	55	0.0	0.0					56			
	30 A	2	57			0.0	0.0			58	2	30 A	RCPT Space 248
			59					0.0	0.7	60	1	20 A	LITES Space 450
LITES Space 450	20 A	1	61	1.6	0.6					62	1	20 A	Space 400
RCPT Space 450	20 A	1	63			0.0	0.0			64	1	20 A	RCPT Space 400
SPEC MAIN...	20 A	1	65					0.0	0.0	66	1	20 A	SPEC MAIN...
EWC GFCI	20 A	1	67	0.0						68			
			69							70			
			71							72			
			73							74			
			75							76			
			77							78			
			79							80			
			81							82			
			83							84			
	TOTAL LOAD:			17 kVA		14 kVA		16 kVA					
	TOTAL AMPS:			147 A		120.0 A		134 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	17640 VA	100.00%	17640 VA		
Other	720 VA	100.00%	720 VA	**CONNECTED LOAD:**	47662 VA
RCPT	22680 VA	72.05%	16340 VA	**ESTIMATED DEMAND:**	42045 VA
LITES	2893 VA	125.00%	3616 VA	**CONNECTED CURRENT:**	132.3 A
SPEC	3720 VA	100.00%	3720 VA	**EST. DEMAND CURRENT:**	116.7 A
Lighting	9 VA	100.00%	9 VA		

NOTES:
SQUARE D NQOD

PANELBOARD: LP2A

LOCATION: CUSTODIAL 427 — **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA1 — **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225.0 A MLO — **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
Room 263, 437	20 A	1	1	0.8	0.8					2	1	20 A	Space 437
Space 437	20 A	1	3			0.6	0.9			4	1	20 A	Room 373, 369, 262, 275,...
Room 384, 309, 272, 273	20 A	1	5					0.8	0.7	6	1	20 A	Room 387, 265, 261, 390,...
Room 379, 303, 307, 301,...	20 A	1	7	1.1	0.8					8	1	20 A	Room 377, 381, 267, 266
Room 438, 348	20 A	1	9			0.8	0.8			10	1	20 A	Room 277, 264, 346, 398
Room 357, 358, 356, 397	20 A	1	11					0.4	0.7	12	1	20 A	Room 357, 367, 356, 354
RCPT Space 387	20 A	1	13	0.2	0.9					14	1	20 A	RCPT Room 443, 387
RCPT Space 387	20 A	1	15			1.3	0.9			16	1	20 A	RCPT Space 387
RCPT Space 309	20 A	1	17					0.9	1.3	18	1	20 A	RCPT Space 309
RCPT Room 272, 309	20 A	1	19	0.9	0.2					20	1	20 A	RCPT Space 309
RCPT Space 384	20 A	1	21			0.2	0.9			22	1	20 A	RCPT Room 273, 384
RCPT Space 384	20 A	1	23					0.9	1.3	24	1	20 A	RCPT Space 384
RCPT Space 373	20 A	1	25	0.2	0.9					26	1	20 A	RCPT Room 275, 373
RCPT Space 373	20 A	1	27			1.3	0.9			28	1	20 A	RCPT Space 373
RCPT Space 369	20 A	1	29					1.3	0.9	30	1	20 A	RCPT Room 259, 369
RCPT Space 369	20 A	1	31	0.2	0.9					32	1	20 A	RCPT Space 369
RCPT Space 259	20 A	1	33			0.0	0.0			34	1	20 A	RCPT Space 369
RCPT Space 369	30 A	2	35					0.2	1.1	36	1	20 A	RCPT Space 262
			37	0.2	0.2					38	1	20 A	RCPT Space 377
RCPT Room 267, 377	20 A	1	39			0.9	1.3			40	1	20 A	RCPT Space 377
RCPT Space 377	20 A	1	41					0.9	0.2	42	1	20 A	RCPT Space 381
RCPT Space 379	20 A	1	43	0.2	0.9					44	1	20 A	RCPT Space 381
RCPT Space 381	20 A	1	45			1.3	0.9			46	1	20 A	RCPT Room 266, 381
RCPT Space 379	20 A	1	47	1.3	1.3					48	1	20 A	RCPT Room 276, 379
RCPT Space 303	20 A	1	51			1.1	0.2			52	1	20 A	RCPT Space 303
RCPT Space 303	20 A	1	53					0.9	0.2	54	1	20 A	RCPT Space 307
RCPT Space 307	20 A	1	55	0.9	1.1					56	1	20 A	RCPT Space 307
RCPT Space 307	20 A	1	57			1.3	0.2			58	1	20 A	RCPT Space 301
RCPT Space 301	20 A	1	59					1.3	0.7	60	1	20 A	RCPT Space 301
RCPT Space 301	20 A	1	61	0.9	0.2					62	1	20 A	RCPT Space 390
RCPT Room 261, 265, 390	20 A	1	63			0.7	0.4			64	1	20 A	RCPT Space 390
RCPT Space 390	20 A	1	65					0.0	0.7	66	1	20 A	RCPT Space 390
RCPT	20 A	1	67	0.2	0.9					68	1	20 A	RCPT
RCPT	20 A	1	69			1.3	0.9			70	1	20 A	RCPT
RCPT Space 348	20 A	1	71					0.2	0.9	72	1	20 A	RCPT Room 438, 348
RCPT Space 348	20 A	1	73	1.3	0.9					74	1	20 A	RCPT Space 348
RCPT Space 346	20 A	1	75			0.9	1.3			76	1	20 A	RCPT Space 346
RCPT Room 277, 346	20 A	1	77					0.9	0.2	78	1	20 A	RCPT Space 346
RCPT Space 398	20 A	1	79	0.2	0.9					80	1	20 A	RCPT Room 264, 398
RCPT Space 398	20 A	1	81			1.3	0.9			82	1	20 A	RCPT Space 398
RCPT Space 390	20 A	1	83					0.4		84			
	TOTAL LOAD:			19 kVA		23 kVA		19 kVA					
	TOTAL AMPS:			156 A		192.8 A		163 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	52512 VA	59.52%	31256 VA		
LITES	8245 VA	125.00%	10306 VA	**CONNECTED LOAD:**	61236 VA
Lighting	866 VA	100.00%	866 VA	**ESTIMATED DEMAND:**	42044 VA
				CONNECTED CURRENT:	170.0 A
				EST. DEMAND CURRENT:	116.7 A

NOTES:
SQUARE D NQOD

PANELBOARD: LP2B

LOCATION: CUSTODIAL 427 — **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA1 — **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 225.0 A MLO — **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
HVAC	20 A	1	1	1.2	1.2					2	1	20 A	HVAC
HVAC	20 A	1	3			1.2	1.2			4	1	20 A	HVAC
RCPT	20 A	1	5					0.0	0.2	6	1	20 A	HVAC
RCPT Space 422	20 A	1	7	0.7	0.5					8	1	20 A	HVAC
Room 416, 415	20 A	1	9			0.1	0.0			10	1	20 A	HVAC
RCPT Space 416	20 A	1	11					0.0	0.2	12	1	20 A	RCPT Room 418, 417
RCPT Room 419, 420, 421	20 A	1	13	0.5	0.0					14	1	20 A	Other Room 422
SPEC	20 A	1	15			0.3	1.8			16	1	20 A	LITES Space 422
LITES Space 422	20 A	1	17					1.1	0.2	18	1	20 A	Room 421, 420, 418, 419,...
Lighting	20 A	2	19	1.5	0.4					20	1	20 A	LITES
			21			1.5	1.3			22	1	20 A	LITES
FA BOOSTER	20 A	1	23					0.0	0.0	24	1	20 A	EWC GFCI
			25							26			
SPARE	20 A	1	27			0.0	0.0			28	1	20 A	SPARE
SPARE	20 A	1	29					0.0	0.0	30	1	20 A	SPARE
SPARE	20 A	1	31	0.0	0.0					32	1	20 A	SPARE
SPARE	20 A	1	33			0.0	0.0			34	1	20 A	SPARE
SPARE	20 A	1	35					0.0	0.0	36	1	20 A	SPARE
SPARE	20 A	1	37	0.0	13.0					38			
SPARE	20 A	1	39			0.0	13.0			40	3	175 A	SUB-FEED
SPARE	20 A	1	41					0.0	13.0	42			
	TOTAL LOAD:			17 kVA		18 kVA		16 kVA					
	TOTAL AMPS:			143 A		153.5 A		135 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	39000 VA	100.00%	39000 VA		
Other	0 VA	0.00%	0 VA	**CONNECTED LOAD:**	51541 VA
RCPT	3780 VA	100.00%	3780 VA	**ESTIMATED DEMAND:**	52702 VA
LITES	4644 VA	125.00%	5804 VA	**CONNECTED CURRENT:**	143.1 A
SPEC	1385 VA	100.00%	1385 VA	**EST. DEMAND CURRENT:**	146.3 A
Lighting	2973 VA	100.00%	2973 VA		

NOTES:
SQUARE D NQOD

PANELBOARD: MP1A

LOCATION: — **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA3R — **A.I.C. RATING:** 35,000
MAIN DEVICE: 225.0 A MLO — **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
CU-1	50 A	2	1	2.1	2.1					2	2	40 A	CU-2
			3			2.1	2.1			4			
CU-4	40 A	2	5					2.1	2.1	6	2	40 A	CU-6
			7	2.1	2.1					8			
CU-5	20 A	2	9			1.3	2.1			10	2	50 A	CU-3
			11					1.3	2.1	12			
CU-7	50 A	2	13	2.1	2.1					14	2	50 A	CU-8
			15			2.1	2.1			16			
RCPT	20 A	1	17					0.7		18			
SPARE	20 A	1	19	0.0						20			
SPARE	20 A	1	21			0.0				22			
SPARE	20 A	1	23					0.0		24			
			25							26			
			27							28			
			29							30			
			31							32			
			33							34			
			35							36			
			37							38			
			39							40			
			41							42			
	TOTAL LOAD:			12 kVA		12 kVA		8 kVA					
	TOTAL AMPS:			108 A		101.5 A		68 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	31620 VA	100.00%	31620 VA		
Other	0 VA	0.00%	0 VA	**CONNECTED LOAD:**	32340 VA
RCPT	720 VA	100.00%	720 VA	**ESTIMATED DEMAND:**	32340 VA
				CONNECTED CURRENT:	89.8 A
				EST. DEMAND CURRENT:	89.8 A

NOTES:
SQUARE D NQOD

PANELBOARD: MP1B

LOCATION: — **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA3R — **A.I.C. RATING:** 22,000 AMPS SYMMETRICAL
MAIN DEVICE: 225.0 A MLO — **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
CU-9	50 A	2	1	2.1	2.1					2	2	40 A	CU-12
			3			2.1	2.1			4			
CU-11	50 A	2	5					2.1	2.1	6	2	40 A	CU-10
			7	2.1	2.1					8			
CU-13	20 A	2	9			1.3	1.3			10	2	20 A	CU-14
			11					1.3	1.3	12			
CU-15	20 A	2	13	1.3	1.4					14	2	25 A	DSCU-1
			15			1.3	1.4			16			
AC-4	60 A	3	17					5.1	0.4	18	1	20 A	RCPT
			19	5.1	0.0					20	1	20 A	SPARE
			21			5.1	0.0			22	1	20 A	SPARE
			23					0.0		24	1	20 A	SPARE
			25							26			
			27							28			
			29							30			
			31							32			
			33							34			
			35							36			
			37							38			
			39							40			
			41							42			
	TOTAL LOAD:			16 kVA		14 kVA		12 kVA					
	TOTAL AMPS:			136 A		122.3 A		101 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	42040 VA	100.00%	42040 VA		
RCPT	360 VA	100.00%	360 VA	**CONNECTED LOAD:**	42400 VA
				ESTIMATED DEMAND:	42400 VA
				CONNECTED CURRENT:

ELECTRICAL GENERAL NOTES

1. DUE TO THE SMALL SCALE OF THE PLANS AND THE DIAGRAMMATIC NATURE OF ELECTRICAL PLANS IN GENERAL IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, JUNCTION BOXES, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING HIS WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.

2. PROVIDE LAMINATED NAMEPLATES ON ALL ELECTRICAL GEAR PER THE SPECIFICATIONS. SCREW OR POP RIVET TO COVERS. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY, NON-FUSED, 240V OR 600V, SOLID NEUTRAL, NEMA 3R AS APPLIES UNLESS NOTED OTHERWISE.

3. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS NOTED OTHERWISE. SLEEVE ALL RACEWAYS ROUTED THRU FOOTINGS OR GRADE BEAMS. CONTRACTOR SHALL FIRESTOP PER SPECIFICATIONS ALL CONDUIT PENETRATIONS THRU RATED WALLS. VERIFY FIRE RATED WALL LOCATIONS WITH ARCHITECTURAL PLANS. CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR AND AVOID ANY WATER CARRYING PIPE INSTALLATION ABOVE ELECTRICAL GEAR AND/OR APPARATUS. SET SCREW AND INDENTER TYPE CONDUIT FITTINGS ARE NOT ALLOWED. ALL INTERIOR EXPOSED RACEWAY SHALL BE PAINTED AS DIRECTED BY ARCHITECT.

4. ALL CONDUIT, JUNCTION AND OUTLET BOXES, AND RELATED ROUGH-IN MATERIAL ARE TO BE CONCEALED UNDER FLOORS, IN WALLS AND ABOVE FINISHED CEILINGS WHERE POSSIBLE UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS OR ON THE DRAWINGS. ALL CONDUIT SHALL BE ROUTED OVERHEAD UNLESS NOTED OTHERWISE OR SHOWN AS BELOW GRADE TO A DEVICE.

5. ALL CONDUCTORS SHALL BE COPPER WITH A MINIMUM SIZE CONDUCTOR OF #12 A.W.G. PROVIDE SOLID TYPE "THW' OR 'THHN' FOR #12 A.W.G. AND #10 A.W.G. ALL FEEDER AND MOTOR/EQUIPMENT CONDUCTORS SHALL BE COPPER TYPE 'THHN' OR 'THWN'.

6. ALL EQUIPMENT SHALL BE BRACED FOR EARTHQUAKE. LIGHT FIXTURES TO HAVE EARTHQUAKE CLIPS AND INDEPENDENT SUPPORT WIRES AT OPPOSITE CORNERS. ALL CEILING MOUNTED EQUIPMENT SUCH AS LIGHT FIXTURES SHALL BE SECURED TO THE STRUCTURE WITH #12 GA STEEL WIRE ON TWO(2) SIDES. IN ADDITION, LIGHT FIXTURES SHALL BE SECURED TO THE CEILING WITH FACTORY UL LISTED EARTHQUAKE CLIPS.

7. AT LOCATIONS WHERE TRENCHES ARE BELOW BOTTOM OF FOOTING ELEVATION AND WITHIN SIX FEET OF THE EDGE OF THE FOOTING, TRENCHES SHALL BE BACKFILLED IN LIFTS, COMPACTED AND TESTED. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION NOTES FOR BACKFILL PROCEDURES. PROVIDE PULLSTRINGS FOR ALL CONDUIT STUBS/SLEEVES

8. PROVIDE A MIN. OF (2) 4"C ON BOTH SIDES OF CORRIDOR PARTITIONS. PROVIDE (2) 3MM PT4RD FIRE-RATED SEALS AT FIRE-RATED PARTITIONS. PROVIDE SPEC-SEAL FIRESTOP PILLOWS IN ALL OTHER SLEEVES AND PENETRATIONS AT FIRE-RATED WALLS.

9. ALL CIRCUITS, LIGHTING AND POWER, SHALL HAVE DEDICATED NEUTRAL CONDUCTORS WITH ONE PER EACH HOT CONDUCTOR-(NO SHARING OF NEUTRALS). ONLY 3 "HOT" CIRCUITS ALLOWED PER HOMERUN - U.N.O.

10. ALL OF THE FOLLOWING RECEPTACLES SHALL BE GFCI TYPE:
    a.) RECEPTACLES/BREAKERS FOR ELECTRIC WATER COOLERS.
    b.) RECEPTACLES IN BATHROOMS/LOCKERS OR WITHIN 6'-0 OF A SINK.
    c.) NEMA 5-20R RECEPTACLES FOR A KITCHEN OR CONCESSION AREA.
    d.) EXTERIOR RECEPTACLES SHALL BE GFCI AND WEATHER RESISTANT "WR" TYPE.
    Note: FEED THROUGH PROTECTION OF GFCI OUTLETS ARE NOT ALLOWED.

11. MOUNT EXTERIOR DISCONNECTS FOR HVAC/MECHANICAL EQUIPMENT AT +48"A.F.G. TO TOP OF DISCONNECT OR, WHERE APPLICABLE, TOP OF DISCONNECT AT TOP OF ADJACENT SURROUNDING SCREEN WALL; WHICHEVER IS LOWER.COORDINATE LOCATIONS OF ALL DISCONNECTS WITH FINAL EQUIPMENT LOCATIONS PRIOR TO BEGINNING WORK AS NOT TO IMPEDE ANY EQUIPMENT ACCESS OR VIOLATE ANY NEC CLEARANCES REQUIREMENTS.

12. THE FINAL TYPEWRITTEN ELECTRICAL PANEL SCHEDULES SHALL REFLECT THE ACTUAL ROOM DESCRIPTIONS AND NUMBERS DEPICTED ON FINAL INSTALLED ROOM SIGNAGE. (FIELD VERIFY FOR ACCURACY).

13. LOW-VOLTAGE, AUDIO/VISUAL AND INTERACTIVE DISPLAY BOARD CONDUITS ARE SIZED IN ACCORDANCE WITH VENDORS INSTALLING/UTILIZING "RAPIDRUN" OR "EZ-PULL" TYPE CABLES TO EQUIPMENT. CONTRACTORS PROVIDING AUDIO/VISUAL CABLING UNDER THIS PROJECT/CONTRACT SHALL UTILIZE THESE TYPES OF CABLES.

14. LIGHT FIXTURES SUBMITTED/PROVIDED SHALL MEET THE REQUIREMENTS OF THE DESIGNLIGHTS CONSORTIUM AND/OR BE ENERGYSTAR CERTIFIED.

15. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SUBMITTING ALL POWER PACKS, RELAYS, SENSORS, CABLING, ETC AS REQUIRED TO PROVIDE COMPLETE AND OPERATIONAL OCCUPANCY CONTROLS IN COMPLIANCE WITH THE LATEST ENERGY CODES.

16. ALL CONDUITS ENTERING THE BUILDING FROM BELOW GRADE SHALL BE SEALED OFF FROM WATER INFILTRATION WITH CONDUIT SEALANT SYSTEM EQUAL TO POLY-WATER FST SYSTEM. ALL EMPTY STUBBED UP CONDUITS SHALL ALSO BE PROVIDED WITH THREADED CAP FOR COVER.

17. PROVIDE HANDLE-LOCK-OFF TYPE BREAKERS FOR ALL CIRCUITS FEEDING ELECTRIC RESISTIVE HEATERS (EH-#, CH.#, EDH-# FOR EXAMPLE).

18. PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES IN ALL LOCATIONS AS REQUIRED BY NEC 406.12

TAMPER RESISTANT:
ALL 120V 5-20R RECEPTACLES FOR THIS FACILITY SHALL BE LISTED AS TAMPER-RESISTANT TYPE WITH EXCEPTION OF THE FOLLOWING: (SEE NEC NFPA 70 406)
- OUTLETS HIGHER THAN 5-1/2 FT A.F.F.
- OUTLETS THAT ARE PART OF A LUMINAIRE/APPLIANCE.
- OUTLETS FOR TWO APPLIANCES LOCATED WITHIN DEDICATED SPACE FOR EACH APPLIANCE WHERE APPLIANCE IS NOT EASILY MOVED.
- OUTLETS LOCATED IN KITCHEN AREA.
- OUTLETS LOCATED IN TELECOM AND/OR ELECT ROOMS.
- OUTLETS LOCATED IN JANITOR AND MECHANICAL SPACES.
- OUTLETS LOCATED ON ROOF.

MINIMUM WIRING NOTES

WHETHER SHOWN OR NOT - THE CONTRACTOR SHALL PROVIDE THE MINIMUM WIRE NOTED BELOW FOR ALL EQUIPMENT CONNECTIONS:

MOCP/BREAKER:	WIRE:
20A	#12AWG
25A-30A	#10AWG
35A-40A	# 8AWG
45A-55A	# 6AWG
55A-70A	# 4AWG
70A-85A	# 3AWG
85A-100A	# 2AWG

PANEL A
225A, 208Y120, 3 ϕ ,4W

TYPICAL PANEL NAMEPLATE

CU-1
FED FROM PANEL E

TYPICAL EQUIPMENT NAMEPLATE

NAMEPLATE NOTES

1. ALL ELECTRICAL EQUIPMENT, TIMER SWITCHES, SAFETY SWITCHES, STARTERS, PANELS, AND TRANSFORMERS SHALL HAVE LAMINATED BAKELITE NAMEPLATES SECURELY FASTENED TO DEVICE.
2. NAMEPLATE SIZE SHALL BE 1-1/2" x 4" WITH BEVELED EDGES AND 1/4" LETTERS.
3. NAMEPLATE SHALL INCLUDE PANEL OR EQUIPMENT DESIGNATION. INCLUDE AMPERAGE, VOLTAGE, PHASE, AND WIRE FOR THE PANELS. INCLUDE "PANEL FED FROM" FOR THE EQUIPMENT.
4. NAMEPLATES SHALL BE INSTALLED IN PANELS, CABINETS, SWITCHES, ETC. WITH RIVETS OR STAINLESS STEEL SCREWS. PLATES ATTACHED DRYWALL OR BLOCK ON INTERIOR MAY BE ADHESIVE BACK.
TO
5. NAMEPLATES FOR NORMAL EQUIPMENT SHALL BE BLACK, EMERGENCY EQUIPMENT SHALL BE RED. LETTERS SHALL BE WHITE.
6. EMBOSSED STICK BACK WILL NOT BE ALLOWED.
7. NAMEPLATES FOR SWITCHES MAY BE OMITTED FOR FURNACES WHEN THE EQUIPMENT WHICH IS SERVED IS OBVIOUS TO SERVICE TECHNICIAN.
8. WHERE EQUIPMENT DISCONNECT IS A BREAKER IN A PANEL, SECURE NAMEPLATE (WITH UNIT DESIGNATION AND "FED FROM PANEL") TO THE ACTUAL EQUIPMENT.

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	LIGHT FIXTURE - REFER TO SCHEDULE, TYPICAL
EM	INDICATES EMERGENCY EGRESS FIXTURE ["EM"]
	LIGHT STRIP/COVE FIXTURE - REFER TO SCHEDULE
	CEILING MOUNTED LIGHT FIXTURE - REFER TO SCHEDULE
	WALL MOUNTED LIGHT FIXTURE - REFER TO SCHEDULE
	EXIT LIGHT - CHEVRONS AS NOTED (BRACKET INDICATES WALL MOUNT)
	EMERGENCY BATTERY LIGHT (TYPE DENOTED)
	CEILING FAN WITH T-BAR SUPPORT (REFER TO DETAIL/SCHEDULE)
	POLE/WALL MOUNTED LIGHT (TYPE DENOTED)
	TRACK AND TRACK LIGHT (TYPES DENOTED)
	LIGHTING CHANNEL WIRE (TYPE DENOTED)
OS	OCCUPANCY SENSOR - CEILING MOUNT 360DEG DUAL TECH TYPE
OS	OCC SENSOR - CEILING MOUNT CORRIDOR ULTRASONIC TYPE (AIM DOWN CORRIDOR)
OS	OCC SENSOR - CEILING MOUNT 360DEG DUAL-TECHNOLOGY TYPE
OS	OCCUPANCY SENSOR - DIRECTIONAL DUAL-TECHNOLOGY TYPE
OS	OCC SENSOR - WALL MOUNT +8'-0"AFF UNO - SEE DETAIL
$OS	OCC SENSOR - FLUSH WALL SWITCH @ +48"AFF TO TOP OF SWITCH
LS	LIGHT LEVEL SENSOR - TYPE DENOTED
PC	PHOTOCELL "PEC"
$T	DIGITAL TIMER SWITCH - FLUSH MOUNT @ +48"AFF TO TOP OF SWITCH
$	SWITCH - SINGLE POLE, 4'-0" A.F.F.
$2	TWO-POLE TOGGLE DISC. SWITCH-MTD AS NOTED
$3	SWITCH - THREE WAY, 4'-0" A.F.F.
$4	SWITCH - FOUR WAY, 4'-0" A.F.F.
$a,b,c	a,b,c INDICATES ZONE CONTROLLED, TYP.
$D	DIMMER - 4'-0" A.F.F. - TYPE AS NOTED/REQUIRED BY MANU' OF FIXTURE BEING CONTROLLED - SUBMIT WITH LIGHTING PACKAGE.
$LV	LOW VOLTAGE SWITCH - TYPE AS NOTED/SPECIFIED MOUNT BACKBOX AS REQ'D AT 4'-0" A.F.F. TO TOPWITH 3/4"C MIN. TO ABOVE ACCESSIBLE CEILING. [LVM - INDICATES "MASTER]
$K	INDICATES KEYED SWITCH
$F	VARIABLE SPEED CONTROLLER FOR CEILING FAN - 4'-0" A.F.F. REFER TO CEILING FAN SPECIFICATION FOR MODEL NUMBER.
	SW. W/PILOT
R	LIGHTING RELAY / LOW VOLTAGE CONTROL PACK

HEIGHT: [+48"AFF, IN REGARDS TO ALL LIGHTING SWITCHES, IS TO THE TOP OF BOX]

SYMBOL	DESCRIPTION
	RECEPTACLE, DUPLEX - 18" A.F.F. (TAMPER-TYPE) UNO.
	RECEPT ON EMERGENCY CKT (DUPLEX SHOWN)
	RECEPTACLE, DUPLEX "SPLIT-WIRED" AT 18"A.F.F. - U.N.O.
	ISOLATED GROUND RECEPT (DUPLEX SHOWN)
	RECEPTACLE, DUPLEX - CEILING FLUSH MOUNT. PROVIDE 6FT WHIP FROM J-BOX ABOVE CEILING TO RECEPTACLE LOCATION.
	SPECIAL PURPOSE OUTLET
	CONDUIT COUPLING - CONNECT TO EQUIPMENT AS REQUIRED.
	INDICATES ABOVE COUNTER [TYPICALLY, +6" TO BOTTOM OF BOX FROM COUNTERTOP HEIGHT - U.N.O.]
	RECEPTACLE (DOUBLE DUPLEX) - 18" A.F.F. - U.N.O.
	SPECIAL RECEPTACLE, NEMA STYLE AS NOTED - VERIFY SIZE WITH EQUIPMENT [TYPICALLY, +18" AFF - U.N.O.]
	DUPLEX/QUAD RECPT IN FLUSH MOUNTED FLOORBOX, SEE PLANS FOR COORD WITH SYSTEMS FLOOR BOX(ES) [MULTI-GANG WALKER RFB6-OG SERIES - U.N.O.]
	RECEPT ON DROP CORD (DUPLEX SHOWN)
	RECEPT ON CORD REEL (DUPLEX SHOWN)
	240 VOLT RECEPT (TYPE AS NOTED)
HEIGHT:	[+18", IN REGARDS TO RECEPTACLES, IS TO THE CENTERLINE OF BOX]
$M	MANUAL MOTOR STARTER, SQUARE 'D' TYPE FG w/ OVERLOAD PROTECTION IN ALL PHASES. MOUNT AT 4'-0" A.F.F. TO TOP AND MARK WITH BAKELITE LABEL AS DETAILED.
	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH W/HOA SWITCH, RUN PILOT LIGHT AND AUX. CONTACTS
	FUSED DISCONNECT - w/GROUNDING LUG, SIZE/FUSE AS NOTED ON PLANS
	DISCONNECT SWITCH - w/GROUNDING LUG, SIZE AS NOTED ON PLANS
	ENCLOSED CIRCUIT BREAKER
	ELECTRIC ELEMENT - SIZE AS NOTED (MAKE ALL FINAL CONNECTIONS)
	EQUIPMENT - SIZE AS NOTED ON PLANS (MAKE ALL FINAL CONNECTIONS)
	MOTOR - SIZE AS NOTED ON PLANS (MAKE ALL FINAL CONNECTIONS)
	SURFACE MOUNTED PANEL BOARD
	FLUSH MOUNTED PANEL BOARD
	PUSHBUTTON - TYPE AS INDICATED ON PLANS.
	METER SOCKET - AS REQ'D BY UTILITY
	GROUND ROD
	GROUND ROD (PLAN VIEW)
	ANTENNA
	POWER POLE
T	TELEPHONE PEDESTAL
	LIGHTNING PROTECTION AIR TERMINAL

SYMBOL	DESCRIPTION
	INTERIOR: FIRE ALARM HORN/SPKR - MTD. AT 80" A.F.F. TO BOTTOM - U.N.O. EXTERIOR: RE-ENTRANT HORN/SPKR - 24" BELOW ROOF LINE, U.N.O. (11'-6" MAX. HGT.).
F	FIRE ALARM, STROBE ONLY, 80" A.F.F.
FA SP	FIRE ALARM, SPKR / STROBE COMBINATION, 80" A.F.F.
P F	FIRE ALARM STATION - PULL STATION, 4'-0" A.F.F.
TS	WATER SUPERVISORY TAMPER SWITCH
DH	MAGNETIC DOOR HOLD OPEN - TYPE AS NOTED IN FIRE ALARM GENERAL NOTES/SPECIFICATIONS.
S or SD	SD - SMOKE DETECTOR - AUTOMATIC, ADDRESSABLE, CEILING MOUNTED
H	HD - HEAT DETECTOR - AUTOMATIC, ADDRESSABLE, CEILING MOUNTED
	'DSD' DENOTES DUCT SMOKE DETECTOR (SUP=SUPPLY/RET=RETURN)
F	FIRE ALARM, STROBE ONLY, CEILING MOUNT FA NOTED: "cd"= CANDELA RATING
W VP	FA, CEILING SPKR / STROBE COMBINATION
FS	WATER SUPERVISORY FLOW SWITCH
	REMOTE TEST/STATUS STATION
FR	INDICATES FA ADDRESSABLE RELAY
HEIGHT:	[+48", IN REGARDS TO FIRE ALARM, IS TO THE TOP OF BOX] [+80", IN REGARDS TO FIRE ALARM, IS TO THE BOTTOM OF BOX]
	CATV COAX OUTLET - MOUNT AT HEIGHT NOTED (F-CONNECTOR)
	VOICE/TELEPHONE JACK OUTLET @ 18" A.F.F.
	DATA/COMPUTER JACK OUTLET @ 18" A.F.F.
	COMPUTER/TELE. COMBO OUTLET @ 18" A.F.F.
	WIRELESS ACCESS POINT - CEILING
	FLUSH MOUNTED FLOOR BOX, SEE PLANS FOR COORD WITH POWER FLOOR BOX(ES) TEL/DATA OR COMBO AS INDICATED (MULTI-GANG WALKER RFB6-OG - U.N.O.)
TV	COMBINATION RECEPTACLE AND LOW-VOLTAGE "AV" CABLING IN MULTI-GANG BOX MOUNT AT HEIGHT NOTED/DETAILED ON RISER
	TELECOM TERMINAL BOARD: 4FT'x8FT'x3/4" FIRE-RATED PLYWOOD - U.N.O.
	CABLE TRAY - TYPE AND MOUNTING AS DETAILED
	HEIGHT [IN REGARDS TO TELECOM, MATCH RECEPTACLE HEIGHTS - +18"AFF / "AC" IS +6" COUNTERTOP]

SYMBOL	DESCRIPTION
	BELL - MTD. AT 12" BELOW CEILING INTERIOR, 24" BELOW ROOFLINE EXTERIOR) (11'-6" MAX. HGT.)
	DOOR BUZZER
SC	DIGITAL CLOCK-MTD. AT 12" BELOW CEILING INTERIOR, (11'-6" MAX. HGT.) PROVIDE DOUBLE-FACE U.N.O. / "(S")) INDICATES SINGLE-FACE
I SC	INTERCOM CALL-SWITCH, 4'-0" A.F.F. TO TOP OF BOX
IC	INTERCOM TWO-WAY TELEPHONE HANDSET, MOUNT 4'-0" A.F.F. TO TOP OF BOX WHERE SHOWN AS WALL-MOUNT. ("ADMIN" INDICATES ADMINISTRATIVE TELEPHONE)
S SC	SPEAKER - CEILING MOUNTED 8" ROUND / 2x2 AS SPECD INTERCOM/PAGING U.N.O. [RIN INDICATES SOUND REINFORCE, FA - FIRE, AV- AUDIO/VISUAL]
S	SPEAKER - WALL MOUNTED 12" BELOW CEILING INTERIOR, (11'-6" MAX. HGT.) ARCHITECTURAL GRADE
S	LOUDSPEAKER/HORN - MOUNT AT HEIGHT NOTED (11'-6" MAX UNO)
	VOLUME CONTROL
MIC M	MICROPHONE OUTLET
HEIGHT:	[+48", IN REGARDS TO INTERCOM, IS TO THE TOP OF BOX]
K	KEYPAD - INTRUS.
MC	MAGNETIC CONTACT(SECURITY)
EM	ELECTROMAGNETIC LOCK - ACCESS CONTROL
PIR	PIR SENSOR FOR DOOR RELEASE
PS	SECURITY/DOOR POWER SUPPLY
PH	ELECT POWER TRANSFER HINGE
PANIC	PANIC HARDWARE DOOR RELEASE
CR	CARD READER - ACCESS
EX	EXIT REQUEST BUTTON - ACCESS CONTROL
RC	READER CONTROLLER
PB	DOOR RELEASE PB / TWO-WAY INTERCOM
MD GB	MOTION DETECTOR / GLASS BREAK
ES	ELECTRIC DOOR STRIKE /
EL	ELECTRIC LATCH
	CEILING CAMERA - CCTV
	WALL CAMERA - CCTV
HEIGHT:	[IN REGARDS TO SECURITY, +48"AFF IS TO TOP OF BOX - UNO]

SYMBOL	DESCRIPTION
TS T	THERMOSTAT/TEMP SENSOR - PROVIDE BOX AS REQ'D BY MECHANICAL AT 4'-0" A.F.F. TO TOP WITH 3/4"C MIN. TO ABOVE ACCESSIBLE CEILING. [SEE MECH PLANS FOR LOCATIONS]
	MULTIOUTLET ASSEMBLY (TYPE DENOTED)
	SOLENOID VALVE
J	JUNCTION BOX - FINAL CONNECTION TO EQUIPMENT AS REQUIRED
J	EQUIPMENT J-BOX - TYPE AS SHOWNNOTED - CONNECT TO EQUIPMENT AS REQUIRED
	WIRE DESIGNATIONS - HOT, SWITCH, NEUTRAL, GROUND, ISOLATED GROUND, RESPECTIVELY.
	WIRE IN CONDUIT- CEILING OR WALL
	HOMERUN TO PANEL
	CONDUIT STUB/SLEEVE
	WEATHERHEAD - SIZE AS NOTED ON PLANS
	WIRE IN CONDUIT - UNDERFLOOR. (SEE REQ'S IN SPECS)

ABBREVIATIONS:
WP - WEATHERPROOF (3R)
NS - NON-SWITCHED
EM - INDICATES EMERGENCY EGRESS FIXTURE
TC - TIME CLOCK
LC - LIGHTING CONTACTOR
FA - FIRE ALARM
EWC - ELECTRIC WATER COOLER(GFI BREAKER)
U.N.O. - UNLESS NOTED OTHERWISE
ER - EXISTING RELOCATED
WG - WIRE PROTECTIVE GUARD
1G/1G - SINGLE GANG BOX / SINGLE GANG RING
*- DASHED INDICATES EXISTING OR BELOW GRADE AS NOTED
AC - ABOVE COUNTER
HP - HORSEPOWER
C - CONDUIT ("EMT" OR "RIGID" AS SPECIFIED)
PVC - ELECT GRADE PVC CONDUIT (SCH. AS NOTED)
WM - SURFACE MOUNTED RACEWAY (WIREMOLD)
AV - INDICATES AUDIO/VISUAL DEVICE
SB - INDICATES INTERACTIVE DISPLAY BOARD
A.F.F. - INDICATES ABOVE FINISHED FLOOR
A.F.G. - INDICATES ABOVE FINISHED GRADE
B.F.G. - INDICATES BELOW FINISHED GRADE
F.D.S. - FUSIBLE DISCONNECT SWITCH
N.F.D.S. - NON-FUSIBLE DISCONNECT SWITCH
R.I.O. - ROUGH-IN ONLY

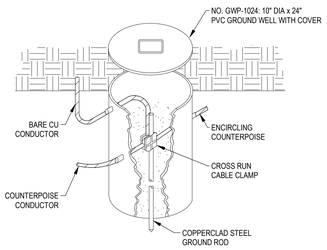
RECEPTACLES:
GFCI INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE
CLG INDICATES CEILING
T INDICATES TAMPER-RESISTANT TYPE
U INDICATES DUPLEX POWER WITH "USB" OUTLETS
IG INDICATES ISOLATED GROUND TYPE
(PROVIDE SEPARATE NEUTRALS/GROUNDS ON ALL "IG" CIRCUITS)

EOHE	EXISTING OVERHEAD ELECTRICAL
EUGE	EXISTING UNDERGROUND ELECTRICAL
OHE	OVERHEAD ELECTRICAL
UGE	UNDERGROUND ELECTRICAL
UGT	UNDERGROUND TELEPHONE
UTV	UNDERGROUND CABLE (TELEVISION)
UFO	UNDERGROUND FIBER OPTIC
UC	UNDERGROUND SYSTEMS CONDUIT
X X X	INDICATES UTILITY TO BE REMOVED
(P) - (S)	(P-INDICATES PRIMARY; S-INDICATES SECONDARY)

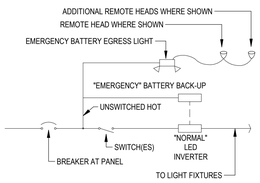
LIGHT FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	WATTAGE	VOLTAGE	NOTES
A1	1 x 4 RECESSED TROFFER	LITHONIA	BTL4-40L-ADP-EZ1-LP840	35.2	UNV	-
A2	2 x 2 RECESSED TROFFER	LITHONIA	2BTL2-33L-ADP-EZ1-LP840	30.2	UNV	-
A3	2 x 4 RECESSED LOW LUMEN TROFFER	LITHONIA	2BTL4-30L-ADP-EZ1-LP840	26.1	UNV	-
A4	2 x 4 RECESSED MID LUMEN TROFFER	LITHONIA	2BTL4-60L-ADP-EZ1-LP840	44.1	UNV	-
A5	2 x 2 RECESSED TROFFER	LITHONIA	ENVX 2X2 HRG 4800 80CRI	45	UNV	-
B	LINEAR WALL BRACKET FIXTURE	LITHONIA	WL4-30L-EZ1-LP840	28.2	UNV	WALL MOUNT AT +7'-6" AFF
C	6" RECESSED ARCHITECTURAL ROUND DOWNLIGHT	LITHONIA	LDN6 40/20 LO6AR LSS MVOLT EZ10	23.2	UNV	-
C1	6" RECESSED COMMERICAL WET DOWNLIGHT	LITHONIA	LDN6 40/10 LO6WR MVOLT EZ10 WL	14	UNV	-
D	LINEAR UTILITY STRIP FIXTURE	LITHONIA	ZL1N-L48-3000LM-FST-MVOLT-40K-80CRI-WH	25	UNV	CHAIN MOUNT TO +10'-0" AFF WHERE NO CEILING
G	WALL MOUNT EXTERIOR EGRESS FIXTURE	LITHONIA	AFF-FINISH-EXT	21	UNV	WALL MOUNT AT +8'-0" AFF - UNO
L	ARCHITECTURAL RING PENDANT SPECIALITY FIXTURE	TMS	971LU-H-72ID-40K-D-MM-CD-FLAT-CORD-FINISH-DIML	203	UNV	CUSTOM MOUNT TO VARYING HEIGHTS NOTED (50% LUMEN UP/DOM DIFFUSER UP)
M	ARCHITECTURAL CYLINDER DOWNLIGHT	GOTHAM	EVO-CYL-40/20-6AR-WD-LSS-MVOLT-EZ1-ACC-FINISH	23.2	UNV	MOUNT TO HEIGHT NOTED - BOTTOM OF FIXTURE FLUSH WITH BOTTOM OF OPEN GRID
P	LINEAR PENDANT FIXTURE	PEERLESS	SQMS-LLP-##FT-MSL4-80CRI-40K-800LMF-DARK-ZT-120-SCT-F2/96A-FINISH	40	UNV	MOUNT TO HEIGHT NOTED - TO BOTTOM OF FIXTURE
R	CEILING MOUNT TWO-HEADED EMERGENCY EGRESS LIGHT	LITHONIA	ELR2P N	12	UNV	PROVIDE CEILING TILE BRIDGE
R1	WALL MOUNT TWO-HEADED EMERGENCY EGRESS LIGHT	LITHONIA	ELM6L-FINISH	16	UNV	WALL MOUNT AT +8'-0" AFF - UNO
R2	WALL MOUNT HIGH OUTPUT EMERGENCY EGRESS LIGHT (2hr)	LITHONIA	ELM6L-FINISH-HO-ELA WG1	16	UNV	WALL MOUNT AT HEIGHT NOTED ON PLAN
SA	EXTERIOR TYPE 4 AREA LIGHT	LITHONIA	DSX1 LED P8 40K T4M MVOLT SPA DDBXD	197	208	PROVIDE CONFIGURATIONS AS SHOWN ON PLANS. UTILIZE POLE TYPE: SSS305G (DM19AS) BC DDBXD
SB	EXTERIOR TYPE 4 AREA LIGHT (180DEG)	LITHONIA	DSX1 LED P8 40K T4M MVOLT SPA DDBXD	197	208	PROVIDE CONFIGURATIONS AS SHOWN ON PLANS. UTILIZE POLE TYPE: SSS305G (DM28AS) BC DDBXD
W	EXTERIOR WALL MOUNT ARCHITECTURAL AREA LIGHT	LITHONIA	WST LED P3 40K VF MVOLT BBW DDBXD	50	UNV	MOUNT AT 11'-8" AFF - UNO (VERIFY WITH ARCH ELEVATIONS)
X	EMERGENCY EXIT LIGHT	LITHONIA	EXR LED EL M6	2	UNV	WALL MOUNT AT +8'-0" AFF WHERE SHOWN AS SUCH.
Y	HIGH BAY PENDANT TROFFER FIXTURE	LITHONIA	REBL AL016 WD UVOLT SWW3 80CRI FINISH (SET TO 24000LM/40K)	150	UNV	MOUNT BOTTOM OF FIXTURE TO BE FLUSH WITH BOTTOM OF STRUCTURAL "T"
Y2	HIGH BAY PENDANT TROFFER FIXTURE	LITHONIA	REBL AL013 WD UVOLT SWW3 80CRI FINISH (SET TO 15000LM/40K)	98	UNV	MOUNT TO +17'-0" AFF TO BOTTOM
Z	FLOOD LIGHT	LITHONIA	DSXF2 LED P1 40K WFL MVOLT FV IS DDBXD	54	UNV	PROVIDE 18" STANCHION MOUNT AS DETAILED ON PLANS

COMMENTS:
1. ALL HEIGHTS ARE IN REGARDS TO THE CENTERLINE OF FIXTURE - UNO.
2. ALL EXIT SIGNS SHALL BE PROVIDED WITH THE PROPER FACES/CHEVRONS AS REQUIRED. ALL EXIT SIGNS AND "R"/"G" EGRESS ONLY TYPE FIXTURES ARE TO BE NON-SWITCHED.
3. CONTRACTOR SHALL PROVIDE/SUBMIT COMPATIBLE LOW-VOLTAGE DIMMER SWITCHES WITH THE FINAL SELECTED FIXTURE SUBMITTALS.
4. PROVIDE PROTECTIVE WIRE-GUARDS FOR ALL FIXTURES LOCATED IN GYMNASIUMS AND/OR IN SIMILAR ACTIVITY AREAS.
5. PROVIDE EMERGENCY LED DRIVERS EQUAL TO BODINE/IOTA FOR ALL FIXTURES NOTED/SHOWN AS SUCH. IN ADDITION TO THE NORMAL SWITCHING/CIRCUITING SHOWN, ALL EGRESS FIXTURES SHALL BE PROVIDED WITH AN UNSWITCHED HOT CHARGING/SENSING CIRCUIT.



7 / E7.1 GROUND ACCESS WELL DETAIL
NOT TO SCALE



9 / E7.1 EMERGENCY LIGHTING DIAGRAM
NOT TO SCALE

INSTALLATION NOTES:

1. LOCATE AIR TERMINALS AS REQUIRED BY NFPA 780. TAKE CARE TO ENSURE THAT ALL POINTS ARE WITHIN 2'-0" OF OUTSIDE BUILDING EDGE, OUTSIDE CORNERS, AND RIDGE ENDS; THAT MAXIMUM SPACING DOES NOT EXCEED 20'-0", AND THE MAXIMUM PROJECTION ABOVE OBJECT PROTECTED IS 10"in.
2. MAINTAIN HORIZONTAL OR DOWNWARD COURSING OF MAIN CONDUCTOR AND ENSURE THAT ALL BENDS HAVE AT LEAST AN 8" RADIUS AND DO NOT EXCEED 90 DEGREES.
3. ATTACH ALL EXPOSED ROOF, DOWNLEAD, AND BONDING CABLES AT 3'-0" ON CENTER, MAXIMUM.
4. GROUNDING ELECTRODES SHALL BE INSTALLED AS SHOWN BUT, IN NO INSTANCE, SHALL THEY BE LESS THAN 2'-0" BELOW GRADE AND 2'-0" FROM FOUNDATION WALL. DRIVEN RODS SHALL PENETRATE EARTH AT LEAST 10'-0".
5. BOND TO WATER SERVICE AND OTHER PIPING SYSTEMS AS SHOWN AND AS REQUIRED BY CODES.
6. INTERCONNECT LIGHTNING PROTECTION GROUND TO ELECTRIC, TELEPHONE, AND OTHER BUILDING GROUND SYSTEMS AS SHOWN OR AS REQUIRED BY CODES.
7. SEE ARCHITECTURAL ROOF PLAN FOR EXACT ROOFING LAYOUT. ROUTE MAIN CONDUCTOR ALONG ROOF AS NOT TO VOID ANY WARRANTIES. DO NOT RUN AERIAL LIGHTNING CONDUCTOR EXPOSED ON SIDE OF WALL/BUILDING, TYP. COORDINATE ROUTING OF AERIAL LIGHTNING WITH FINAL BUILDING ROOF SHOP DRAWINGS, GUTTERS AND ICE BREAKS, ETC. BOND ALL MECH/HVAC EQUIP TO LIGHTNING CONDUCTOR PER SPECIFICATIONS.
8. ALL AS-BUILT DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH THE CERTIFICATION PROCEDURES.
9. ALL MATERIALS TO BE UNDERWRITERS LABORATORIES APPROVED WITH LABELS ON CONDUCTORS AT 10'-0" INTERVALS AND LABELS ON ALL AIR TERMINALS.
10. ALL MATERIALS SHOWN AND INTENDED FOR USE ARE TO BE OR EQUAL TO PRODUCTS AS MANUFACTURED BY THOMPSON LIGHTING PROTECTION, INC. 901 SIBLEY HIGHWAY, ST. PAUL, MIN