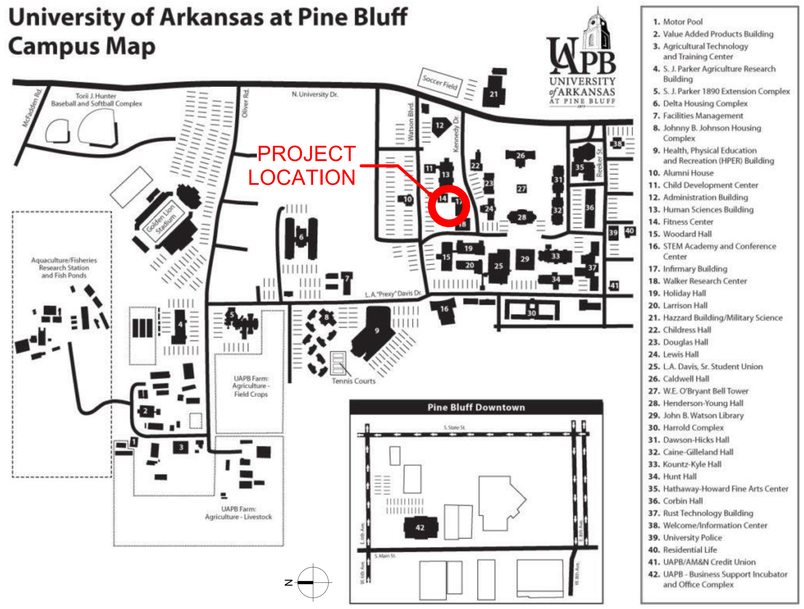
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UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

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PINE BLUFF, AR 71601

OWNER:
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INDEX OF DRAWINGS - GENERAL

SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
GENERAL				
G000	COVER PAGE	08/31/2026		
G001	LIFE SAFETY PLANS	08/31/2026		
G101	EXTERIOR VIEWS	08/31/2026		
G102	INTERIOR VIEWS	08/31/2026		

INDEX OF DRAWINGS - CIVIL

SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
CIVIL				
C0.00	GENERAL NOTES & LEGENDS	08/31/2026		
C1.00	SITE PLAN	08/31/2026		
C3.00	GRADING & DRAINAGE PLAN	08/31/2026		
C4.00	EROSION CONTROL PLAN	08/31/2026		
C4.02	SITE DETAILS	08/31/2026		
C4.10	EROSION CONTROL DETAILS	08/31/2026		
C5.00	SITE DETAILS	08/31/2026		
C5.01	SITE DETAILS	08/31/2026		

INDEX OF DRAWINGS - LANDSCAPE

SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
LANDSCAPE				
L1.00	LANDSCAPE PLAN	08/31/2026		
L1.10	LANDSCAPE NOTES & DETAILS	08/31/2026		
L2.00	LANDSCAPE IRRIGATION PLAN	08/31/2026		

INDEX OF DRAWINGS - ARCHITECTURAL

SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
ARCHITECTURAL				
A001	ARCHITECTURAL GENERAL NOTES	08/31/2026		
A002	PARTITION TYPES	08/31/2026		
A101-01	FLOOR PLANS - REFERENCE	08/31/2026		
A101-02	FLOOR PLANS - DIMENSIONS	08/31/2026		
A101-03	REFLECTED CEILING PLANS	08/31/2026		
A102	ROOF PLAN	08/31/2026		
A201	EXTERIOR ELEVATIONS	08/31/2026		
A210	BUILDING SECTIONS	08/31/2026		
A220	EXTERIOR MATERIAL LEGEND	08/31/2026		
A301	WALL SECTIONS	08/31/2026		
A302	WALL SECTIONS	08/31/2026		
A310	SECTION DETAILS	08/31/2026		
A311	SECTION DETAILS	08/31/2026		
A315	PLAN DETAILS	08/31/2026		
A320	ENLARGED SECTION DETAILS	08/31/2026		
A401	ENLARGED PLANS & INTERIOR ELEVATIONS	08/31/2026		
A402	INTERIOR ELEVATIONS	08/31/2026		
A403	INTERIOR ELEVATIONS	08/31/2026		
A404	INTERIOR ELEVATIONS	08/31/2026		
A405	INTERIOR ACCENT PAINT PLANS	08/31/2026		
A410	INTERIOR DETAILS	08/31/2026		
A501	VERTICAL CIRCULATION - ELEVATOR	08/31/2026		
A502	VERTICAL CIRCULATION - STAIRS	08/31/2026		
A510	VERTICAL CIRCULATION - STAIRS DETAILS	08/31/2026		
A601	DOOR & FRAME SCHEDULE & TYPES	08/31/2026		
A602	WINDOW TYPES & DETAILS	08/31/2026		
A701	FINISH PLANS & SCHEDULES	08/31/2026		
A702	INTERIOR MATERIAL LEGEND	08/31/2026		
A801	MILLWORK DETAILS - NURSING RECEPTION	08/31/2026		
A802	MILLWORK DETAILS	08/31/2026		

INDEX OF DRAWINGS - FIRE PROTECTION

SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
FP0.00	Fire Protection Symbols, Schematics & Schedules	08/31/2026		
FP1.01	First Floor Fire Protection Plan	08/31/2026		
FP1.02	Second Floor Fire Protection Plan	08/31/2026		

INDEX OF DRAWINGS - MECHANICAL

SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
M0.00	Mechanical Abbreviations, Symbols & Notes	08/31/2026		
M1.01	First Floor HVAC Plan - Area A	08/31/2026		
M1.02	First Floor HVAC Plan - Area B	08/31/2026		
M1.03	Second Floor HVAC Plan - Area A	08/31/2026		
M1.04	Second Floor HVAC Plan - Area B	08/31/2026		
M3.01	Mechanical Details	08/31/2026		
M4.01	Mechanical Schedules	08/31/2026		
M5.01	Mechanical Controls	08/31/2026		
M5.02	Mechanical Controls	08/31/2026		
M5.03	Mechanical Controls	08/31/2026		

INDEX OF DRAWINGS - PLUMBING

SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
P1.01	First Floor Plumbing Plan - Area A	08/31/2026		
P1.02	First Floor Plumbing Plan - Area B	08/31/2026		
P1.03	Second Floor Plumbing Plan	08/31/2026		
P2.01	First Floor Waste and Vent Riser	08/31/2026		
P2.02	First Floor Domestic Water Riser	08/31/2026		
P2.03	Second Floor Waste and Vent Riser	08/31/2026		
P2.04	Second Floor Domestic Water Riser	08/31/2026		
P3.01	Plumbing Schematics and Mech Room	08/31/2026		
P4.01	Plumbing Details	08/31/2026		
P5.01	Plumbing Schedules	08/31/2026		
PM1.01	Mechanical Roof Plan	08/31/2026		
PM1.02	Mechanical Room Plan	08/31/2026		

INDEX OF DRAWINGS - ELECTRICAL

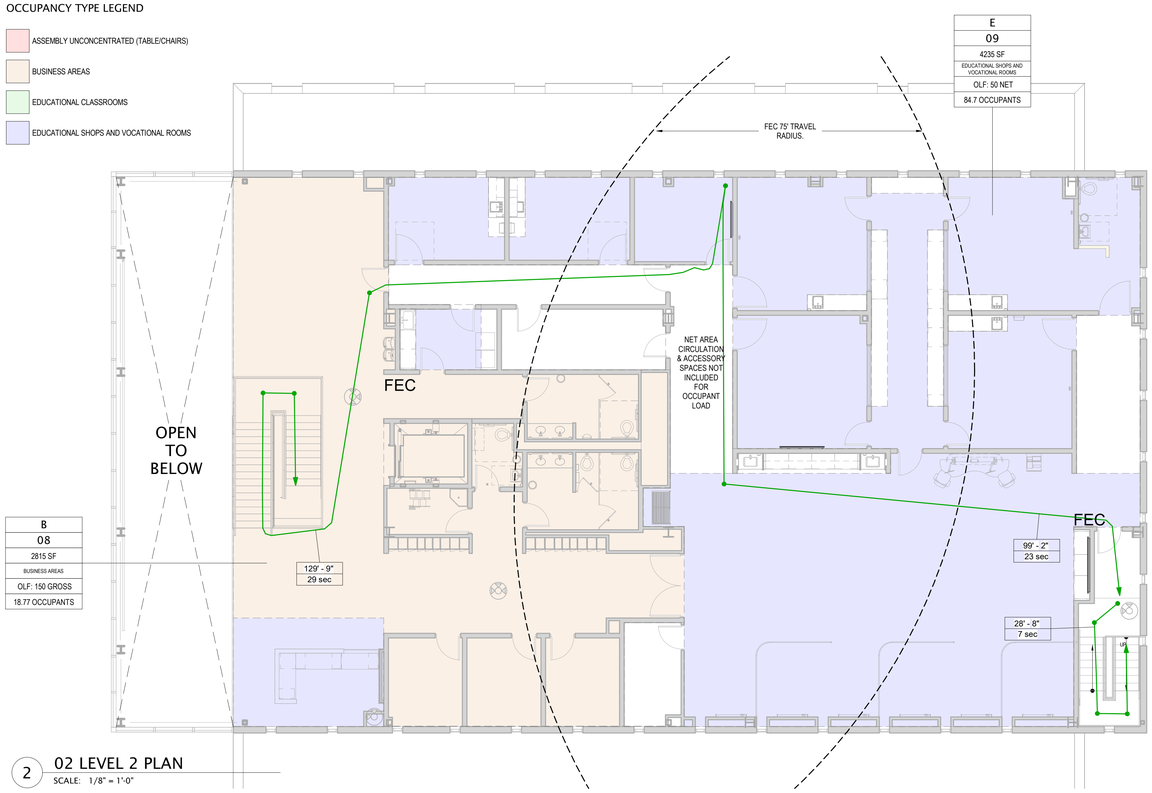
SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
E0.00	Electrical Abbreviations, Symbols Legend & General Notes	08/31/2026		
E0.01	Electrical Site Lighting Plan	08/31/2026		
E0.11	Electrical Orientation Plans	08/31/2026		
E1.01	First Floor & Stairwell Lighting Plans	08/31/2026		
E1.02	Second Floor Lighting Plan	08/31/2026		
E1.03	Lighting Control Plans	08/31/2026		
E2.11	First Floor Power Plan - Area A	08/31/2026		
E2.12	First Floor Power Plan - Area B	08/31/2026		
E2.21	Second Floor Power Plan - Area A	08/31/2026		
E2.22	Second Floor Power Plan - Area B	08/31/2026		
E2.31	Roof Power Plan	08/31/2026		
E3.01	Electrical One Line Diagram & Details	08/31/2026		
E4.01	Electrical Schedules	08/31/2026		
E4.02	Electrical Schedules	08/31/2026		
E4.03	Electrical Schedules	08/31/2026		
E5.01	Electrical Details	08/31/2026		
E5.02	Electrical Details	08/31/2026		
E5.03	Electrical Details	08/31/2026		

INDEX OF DRAWINGS - TECHNOLOGY

SHEET NO.	SHEET NAMES	SHEET ISSUE DATE	CURRENT REVISION SHEET DATE	DESCRIPTION
T0.00	Low Voltage Symbols Legend & General Notes	08/31/2026		
T0.01	Technology Schedules & Notes	08/31/2026		
T1.01	First Floor Telecom & Audiovisual Plans	08/31/2026		
T1.02	Second Floor Telecom & Audiovisual Plans	08/31/2026		
T2.01	First Floor Security & Fire Alarm Plan	08/31/2026		
T2.02	Second Floor Security & Fire Alarm Plan	08/31/2026		
T3.01	Audiovisual Elevations	08/31/2026		
T5.10	Telecommunications Riser Diagrams	08/31/2026		
T5.11	Audiovisual Riser Diagrams	08/31/2026		
T7.01	Telecom Details	08/31/2026		
T7.11	Audivisual Details	08/31/2026		
T7.21	Security Details	08/31/2026		

OCCUPANCY TYPE LEGEND

- ASSEMBLY UNCONCENTRATED (TABLE/CHAIRS)
- BUSINESS AREAS
- EDUCATIONAL CLASSROOMS
- EDUCATIONAL SHOPS AND VOCATIONAL ROOMS

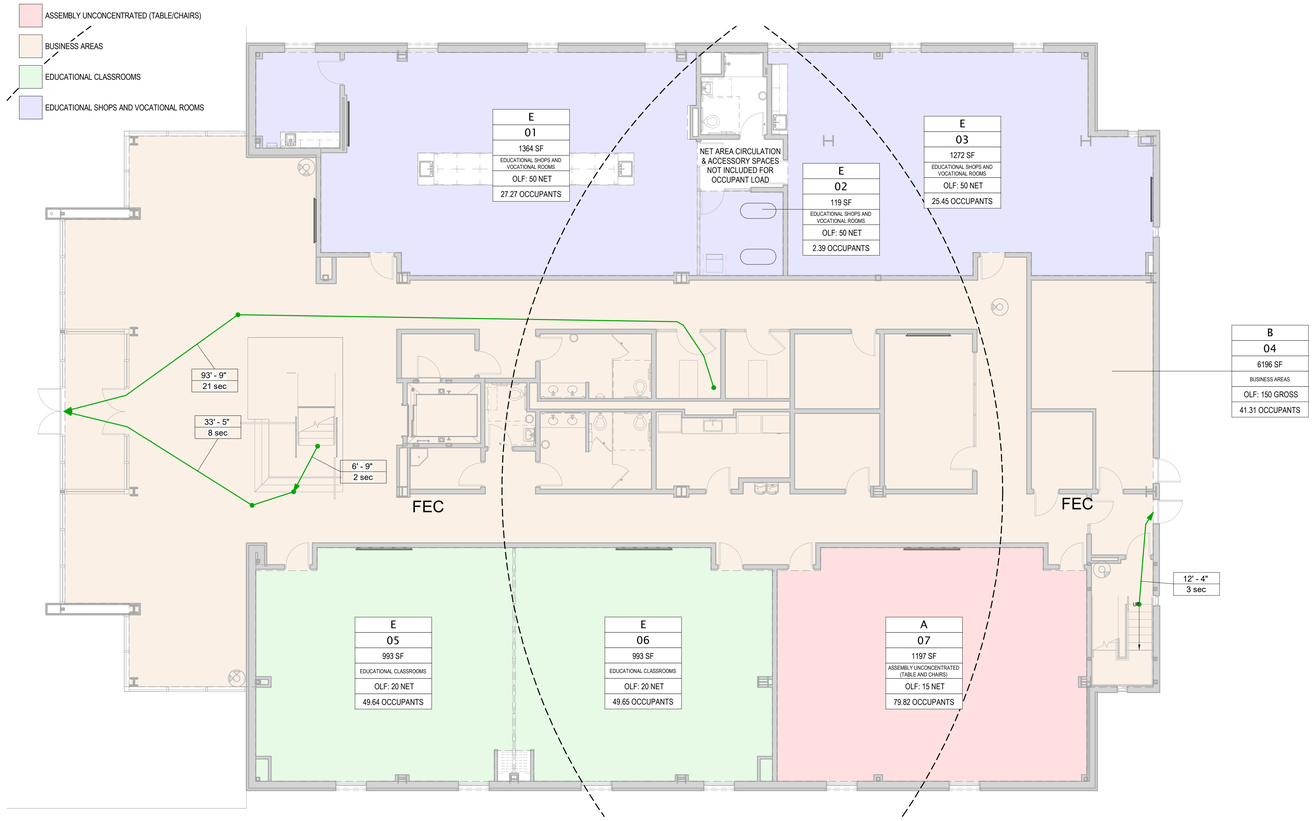


2 02 LEVEL 2 PLAN

SCALE: 1/8" = 1'-0"

OCCUPANCY TYPE LEGEND

- ASSEMBLY UNCONCENTRATED (TABLE/CHAIRS)
- BUSINESS AREAS
- EDUCATIONAL CLASSROOMS
- EDUCATIONAL SHOPS AND VOCATIONAL ROOMS



1 01 LEVEL 1 PLAN

SCALE: 1/8" = 1'-0"

PROJECT DATA AND BUILDING CODE ANALYSIS — **DATE: 05/22/2026** — **UPDATE:**

PROJECT NAME:	UAPB HEALTH & ALLIED SCIENCES BUILDING
PROJECT ADDRESS:	UNIVERSITY OF ARKANSAS AT PINE BLUFF
CODE REVIEW JURISDICTION	UNIVERSITY OF ARKANSAS AT PINE BLUFF
APPLICABLE CODES	**2021 INTERNATIONAL BUILDING CODE** **2024 INTERNATIONAL FIRE CODE** **2010 ADA STANDARDS**

BUILDING DATA		**REF.**	**NOTES**	**STATUS**
TYPE OF CONSTRUCTION	TYPE 5B (FINAL DETERMINATION BY AHJ)	IBC 602.2		
PRIMARY OCCUPANCY TYPE:	B - BUSINESS	IBC 304.1	HIGHER EDUCATION	
OTHER OCCUPANCY TYPES:	A3 & E			
TOTAL GROSS BUILDING AREA	**21,020.13**	IBC 202, FIGURE 202(5)	COMPLIES W/ ALLOWABLE AREA PER 506.2.1 (SEE EQUATION BELOW)	
FIRST FLOOR - INTERIOR	12,545.77			
FIRST FLOOR - EXTERIOR	0.00	IBC 202, FIGURE 202(5)	EXTERIOR AREA WITHIN PROJECTION OF ROOFLINE / FLOOR ABOVE	
SECOND FLOOR	8,474.36			
TOTAL BUILDING AREA FOR OCC CALC	**19,148.00**			
FIRST FLOOR				
ASSEMBLY - UNCONCENTRATED (A)	1,197.00		NSF	
BUSINESS (B)	6,208.00		GSF	
EDUCATIONAL SHOPS - LAB (E)	2,667.00		NSF	
EDUCATIONAL CLASSROOM (E)	1,866.00		NSF	
SECOND FLOOR				
BUSINESS (B)	2,815.00		GSF	
EDUCATIONAL SHOPS - LAB (E)	4,275.00		NSF	
TOTAL OCCUPANCY LOAD	**378.09**	**IBC TABLE 1004.1.2**	**AHJ TO DETERMINE ACTUAL LIMIT**	
FIRST FLOOR	**273.83**			
ASSEMBLY - UNCONCENTRATED (A)	79.80		ASSEMBYL UNCONCENTRATED - 15 SF / OCC.	
OFFICE (B)	41.39		BUSINESS - 150 SF / OCC.	
EDUCATIONAL SHOPS - LAB (E)	53.34		EDUCATIONAL SHOPS - 50 SF / OCC.	
EDUCATIONAL CLASSROOM (E)	99.3			
SECOND FLOOR	**104.27**			
BUSINESS (B)	18.77		BUSINESS - 150 SF / OCC.	
EDUCATIONAL SHOPS - LAB (E)	85.50		EDUCATIONAL SHOPS - 50 SF / OCC.	
NUMBER OF STORIES:	2	IBC TABLE 503		COMPLIES
TOTAL TRAVEL DISTANCES:	(A) SPRINKLERED = 300'	IBC TABLE 1017.2		COMPLIES
TOTAL TRAVEL	300' (A)	IBC TABLE 1017		
COMMON PATH	75' (A)	IBC TABLE 1006.2.1		
DEAD END	20' (A)	IBC 1020.5		
NUMBER OF EXITS PER FLOOR:	1ST FLR: 2 REQ'D; 2ND FLR: 2 REQ'D	IBC 1006.1, 1006.3.3, 1007.1.1	NO LESS 1/2 THE MAX DIAGONAL BLDG DISTANCE	COMPLIES
EGRESS WIDTH:				
TOTAL EXIT DOOR CLEAR WIDTH	65" TOTAL CLEAR OPENING	IBC 1005.3.2, 1010.1.1	108" PROVIDED	
MINIMUM STAIR WIDTH:	44" MIN REQD	IBC 1005.3.1, 1011.2, 1009.3.2	44" PROVIDED	
MINIMUM CORRIDOR WIDTH:	1ST FLR: 48" ; 2ND FLR 44" MIN REQD	IBC 1005.3.2, 1020.3, 1030	60" MIN PROVIDED	

FIRE PROTECTION		**REF.**	**NOTES**	**STATUS**
STANDPIPES	NOT REQUIRED	IBC 905.3.1	HIGHEST FFE NOT MORE THAN 30' ABOVE FD ACCESS	COMPLIES
SPRINKLER SYSTEM	REQUIRED DUE TO (A) OCCUPANCY		PROVIDED	COMPLIES
PORTABLE FIRE EXTINGUISHERS	REQUIRED	IBC 906.1		COMPLIES
FIRE ALARM (MANUAL)	REQUIRED	TABLE 907.2	OCC LOAD MORE THAN 300 & ON UPPER LEVEL	COMPLIES
SMOKE ALARM	REQUIRED	TABLE 907.2	PROVIDED	COMPLIES

FIRE RESISTANCE - TYPE 5B	**REQ'D (HOURS)**	**REF.**	**NOTES**	**STATUS**
CRAWL SPACE	N/A			
PRIMARY STRUCTURAL FRAME	0	TABLE 601		
EXTERIOR BEARING WALLS	0	TABLES 601 & 602 AND IBC 705.5		
INTERIOR BEARING WALL	0	TABLE 601		
NONBEARING EXTERIOR WALLS	0	TABLE 602		
NONBEARING INTERIOR WALLS	0	TABLE 601		
FLOOR CONSTRUCTION	0	IBC 420.3, TABLE 601, 711		
ROOF CONSTRUCTION	0	TABLE 601		
FIRE WALLS	N/A	TABLE 706.4		
FIRE BARRIERS	N/A	IBC 508.3, 707	SEE STAIRWAYS & SHAFT ENCLOSURES	
FIRE PARTITION	N/A	IBC 508.3.3, 420.2, 708.3, 907.2.9.1		
CORRIDORS	0	IBC 708.3, TABLE 1020.2	OCC LOAD SERVED BY EA CORRIDOR IS LESS THAN 30	
INTERIOR EXIT STAIRWAYS AND RAMPS	N/A	IBC 1023.2, 713.1, 707, 711		
SHAFT ENCLOSURES	N/A	IBC 713.1, 707, 711		

WALL AND CEILING FINISHES	**RATING**	**REF.** IBC 803.1.2, TABLE 803.13	GROUP A3 SPRINKLERED
INT. EXIT STAIR/RAMP/PASSAGEWAYS	A		
ENCLOSURES FOR EXIT ACCESS STAIR/RAMP	B		
ROOMS/ENCLOSED SPACES	C		

VERTICAL AND HORIZONTAL OPENINGS & PROTECTIONS

NOTE: EXIT ACCESS STAIRWAYS AND RAMPS ARE NOT REQUIRED TO BE ENCLOSED/RATED PER IBC 1019.3, EXCEPTION 1, FOR FLOOR OPENINGS BETWEEN TWO STORIES
NOTE: ELEVATOR HOISTWAY NOT REQUIRED TO BE RATED PER IBC 712.9. TWO-STORY VERTICAL OPENINGS ARE PERMITTED SUCH THAT THE OPENING COMPLIES WITH CONDITIONS 1 THRU 6.
NOTE: ELEVATOR HOISTWAY NOT REQUIRED TO BE RATED AS IT MEETS ALL REQUIREMENTS PER IBC 3006.2. THIS SECTION ALSO REFERS BACK TO 712.

If = .75
MORE THAN 75% OF THE BUILDING PERIMETER HAS 30' OR MORE OF OPEN SPACE

AREA INCREASE (EQUATION 5-1) PER IBC 506.2.1 (FOR GROUP A3 OCCUPANCY IN A NON-SEPARATED, SPRINKLERED BUILDING WITH TYPE 5B CONSTRUCTION)

Aa = [At + (Ni) x If)]
Aa = [18,000 + (6,000 x .75)]
Aa = [18,000 + (4,500)]
Aa = 22,500 SF/Floor

Aa = Allowable building area **PER STORY**
At = Tabular allowable area factor (NS, S1, S13R, or S13D value, as applicable) per Table 506.2.
NS = Tabular allowable area factor in accordance with Table 506.2 for a non-sprinklered building
If = Area factor increase due to frontage (percent) as calculated per Section 506.3.

NOTE: PER THE CALCULATED TOTAL BUILDING AREA, THE DESIGN AREA FALLS BELOW THE MAXIMUM ALLOWABLE AREA.

UAPB HEALTH & ALLIED SCIENCES BUILDING - PLUMBING FIXTURE COUNTS — CALCULATIONS BASED ON IBC TALBE 2902.1

OCCUPANCY		WATER CLOSETS				LAVATORIES			DF RATIO	DRINKING FOUNTAIN	SERVICE SINK	
USE	LOAD	RATIO	MALE	RATIO	FEMALE	RATIO	MALE	FEMALE				
A	79.80	1/125	0.3192	1/65	0.6138461538	1/200	0.1995	0.1995	1/500	0.1596		
B	60.15	**	1.2030666667	**	1.2030666667	***	0.7519166667	0.7519166667	1/100	0.6015333333		
E	238.14	1/50	2.3814	1/50	2.3814	1/50	0.23814	2.3814	1/100	2.3814		
SUBTOTALS			3.904		4.198312821		1.189556667	3.332816667		3.142533333	1	
REQUIRED TOTALS			4		5		2	4		4	1	
PROVIDED TOTALS	378.09		5		5		5	5		4	1	

** 1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50. NOTE: BUSINESS OCC IS A COMBINED TOTAL OF BOTH MALE & FEMALE
*** 1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80. NOTE: BUSINESS OCC IS A COMBINED TOTAL OF BOTH MALE & FEMALE
NOTE: ACCESSORY MECHANICAL SPACES ARE NOT CONSIDERED IN TABLE 2902.1, THEREFORE; A "B" OCCUPANCY USE WAS APPLIED.

OCCUPANT LOAD CALCULATIONS

#	OCC TYPE	OLF	NET/ GROSS	AREA	OCCUPANTS
LEVEL 1					
01	E	50 SF	NET	1,364 SF	27.27
02	E	50 SF	NET	119 SF	2.39
03	E	50 SF	NET	1,272 SF	25.45
04	B	150 SF	GROSS	6,196 SF	41.31
05	E	20 SF	NET	993 SF	49.64
06	E	20 SF	NET	993 SF	49.65
07	A	15 SF	NET	1,197 SF	79.82
				12,134 SF	275.53
LEVEL 2					
08	B	150 SF	GROSS	2,815 SF	18.77
09	E	50 SF	NET	4,235 SF	84.7
				7,050 SF	103.47
GRAND TOTAL: 9				19,184 SF	379

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0 1"

UAPB HEALTH & ALLIED SCIENCES BUILDING
UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

TITLE: LIFE SAFETY PLANS

G001



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UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

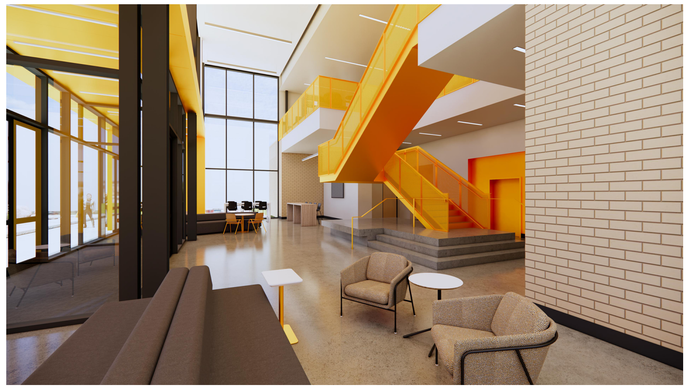
#	DATE	DESCRIPTION

REVISIONS HISTORY
SCHEDULE

DATE: 08/31/2026

TITLE: EXTERIOR VIEWS

G101



FIRST FLOOR LOBBY



LOBBY STAIR



SECOND FLOOR LOUNGE



CONFERENCE ROOM - CORRIDOR



CLASSROOM



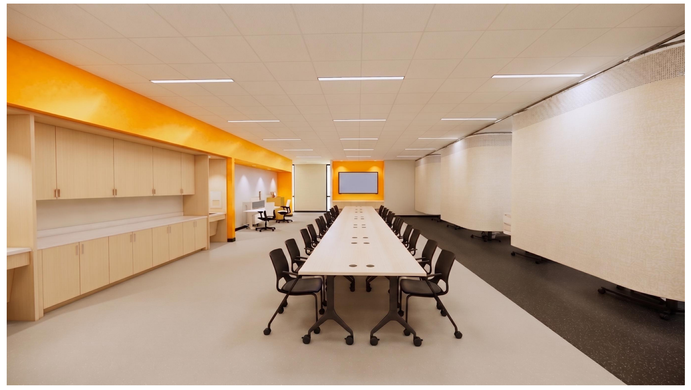
KINESIOLOGY LAB



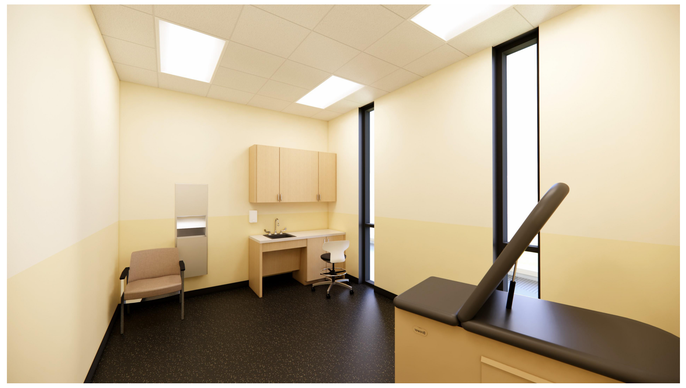
PT LAB



LOCKER CORRIDOR



SKILLS LAB



EXAM ROOM



SIM LAB



CONTROL ROOM

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UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

TITLE: INTERIOR VIEWS

G102

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GENERAL NOTES:

1. EXISTING SURVEY DATA WAS OBTAINED FROM A TOPOGRAPHIC & BOUNDARY SURVEY PERFORMED BY SHETTLES SURVEYING & CONSULTING, PLLC AND DATED 04/30/2026.
2. SURVEY DATA IS BASED UPON NAD 83, STATE STATE PLANE, ARKANSAS NORTH FEET COORDINATE SYSTEM.
3. ELEVATIONS ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM.
4. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY, COUNTY, STATE, AND FEDERAL REGULATIONS AND CODES AS WELL AS OSHA STANDARDS. SITE CONTRACTOR SHALL MEET OR EXCEED ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL MEASURES
5. THE APPROXIMATE LOCATION OF KNOWN UTILITIES & SUBSURFACE STRUCTURES AS SHOWN HEREON ARE BASED ON ABOVE-GROUND VISIBLE STRUCTURES & RECORD DRAWINGS PROVIDED. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF THESE & ALL OTHER SUBSURFACE AND/OR LATENT FACILITIES PRIOR TO BEGINNING WORK. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE & THE COST OF SUCH REPAIRS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
6. ALL WORK PERFORMED WITHIN THE RIGHT-OF-WAY SHALL BE COORDINATED WITH THE CITY OF PINE BLUFF ENGINEERING DEPARTMENT AND TRAFFIC DEPARTMENT.
7. ALL STREETS, DRIVES, WALKS, DRAINAGE STRUCTURES, FENCES, ETC. THAT ARE DISTURBED SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION USING LIKE MATERIALS. COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR UNLESS PROVISION FOR PAYMENT IS MADE IN THE PROPOSAL.
8. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 1-800-482-8998 48 HOURS PRIOR TO DIGGING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
9. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN IMPLEMENTED, AND THE SWPPP, EROSION CONTROL PLAN, AND SIGNED AUTOMATIC NOTICE OF COVERAGE IS POSTED ON SITE..
10. CONTRACTOR IS RESPONSIBLE FOR ALL FIELD TESTING AS DESCRIBED IN THE SPECIFICATIONS (INCLUDING BUT NOT LIMITED TO COMPACTION DENSITY TESTING, ETC.), AND SHALL PROVIDE RESULTS TO ENGINEER, AND MAINTAIN RECORDS AND RESULTS OF ALL TESTS PERFORMED DURING CONSTRUCTION. TESTING BY THE CONTRACTOR SHALL BE INCLUDED IN THE BID.
11. EXISTING FACILITIES AND FEATURES ARE SHOWN LIGHT-LINED AND/OR SCREENED. NEW FACILITIES AND FEATURES ARE SHOWN SOLID AND HEAVY-LINED.
12. SLOPES AND GRADES SHOWN ARE IN UNITS OF FT/FT UNLESS OTHERWISE NOTED.
13. ALL PAVEMENT AND CURB MEASUREMENTS ARE TAKEN FROM FACE OF CURB OR EDGE OF PAVEMENT.
14. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
15. THE ADA PATHWAY AS SHOWN ON THE PLANS SHALL NOT EXCEED A 2% CROSS SLOPE.

DEMOLITION NOTES:

1. DEMOLITION SHALL NOT BEGIN UNTIL THE APPROPRIATE EROSION CONTROL MEASURES AND REQUIRED TREE PRESERVATION FENCING HAVE BEEN INSTALLED.
2. CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE, AND LOCAL CODES FOR DEMOLITION AND DISPOSAL OF ALL MATERIALS.
3. CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTY IS NOT DAMAGED.
4. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES REGARDING RELOCATION, REMOVAL, AND/OR DISCONNECTION.
5. CONTRACTOR SHALL PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC.
6. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY UNDERGROUND TANKS ARE FOUND ON SITE.
7. ALL TREES (EXCEPT THOSE SHOWN TO BE PROTECTED) AND VEGETATION WITHIN THE CLEARING AND GRADING LIMITS SHALL BE CLEARED AND GRUBBED INCLUDING TREE ROOT SYSTEMS. ALL DEBRIS IS TO BE REMOVED FROM THE SITE.
8. STRIP TOPSOIL AND STOCKPILE IN A DESIGNATED AREA FOR FUTURE USE. COORDINATE DESIGNATED AREA WITH AE PRIOR TO STRIPPING TOPSOIL.
9. LARGE ROCKS AND BOULDERS SHALL BE REMOVED AND DISPOSED FROM THE SITE.

STREET CONSTRUCTION (GRADING) AND EARTHWORK NOTES:

1. THE ENGINEER SHALL BE NOTIFIED 24 HOURS PRIOR TO PLACEMENT OF ANY FILL MATERIAL, INSTALLATION OF STORM DRAINAGE PIPE, DRAINAGE STRUCTURES, CURB AND GUTTER, OR PLACEMENT OF CRUSHED STONE OR ASPHALT.
2. CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT PERFORM EARTHWORK IN ACCORDANCE WITH THE RECOMMENDATIONS IN SAID REPORT.
3. THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER TO INSPECT THE SUBGRADE PRIOR TO PLACING FILL.
4. FILL AND BACKFILL SHALL BE PLACED IN HORIZONTAL, NOMINAL 6- TO 8-IN THICK LOOSE LIFTS. EACH LIFT SHALL BE TESTED AND APPROVED PRIOR TO PLACING SUBSEQUENT LIFTS.
5. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND SECTION 212 OF THE ARKASAS STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. PRIOR TO PLACING THE CRUSHED STONE BASE COURSE THE SUBGRADE SHALL BE PROOF ROLLED, AND MUST BE VERIFIED TO CONFORM TO THE GRADES AND SLOPES SHOWN ON THE DRAWINGS.
6. ALL MUD SOIL AND LOOSE GRAVEL SHALL BE REMOVED FROM THE CRUSHED STONE BASE AND CONCRETE CURB PRIOR TO PLACEMENT OF ASPHALT.
7. THE CONTRACTOR SHALL PROVIDE APPROPRIATE ADVANCED WARNING DEVICES, BARRICADES, BARRELS, AND OTHER MEASURES AS NEEDED TO PROPERLY CONTROL AND ADVISE TRAFFIC OF CONSTRUCTION EQUIPMENT.
8. THE CONTRACTOR SHALL REPAIR ANY DAMAGE THE CONSTRUCTION ACTIVITY OR HAULING OF MATERIAL MAY HAVE ON THE EXISTING STREETS AND/OR ACCESS ROADS.
9. COORDINATE WORK WITH OWNER TO MINIMIZE THE EFFECTS OF CONSTRUCTION ON DAILY OPERATIONS OF THE FACILITY.
10. COORDINATE ALL DEMOLITION WORK WITH OWNER. VERIFY OWNER DOES NOT WISH TO RETAIN MATERIAL BEFORE IT IS REMOVED AND DISPOSED.
11. ALL CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE DESIGNATED AREAS SHOWN ON THE PLANS. ALL AREAS OUTSIDE OF THOSE LIMITS SHALL BE PROTECTED AND MAINTAINED.
13. GRADING SHALL BE LIMITED TO THE EXTENT OF THE PROPOSED CONTOURS AND SPOT GRADES SHOWN ON THE PLANS.
14. ALL CUT AND/OR FILL SLOPES SHALL BE A MAXIMUM 3H:1V SLOPE OR FLATTER UNLESS OTHERWISE NOTED.
15. ALL STORM DRAINAGE PIPE CONNECTIONS TO STRUCTURES SHALL BE GROUTED TO PROVIDE A WATERTIGHT CONNECTION AT THE STRUCTURE.
16. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES INSTALLED IN PAVED AND TRAFFIC AREAS SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND INSTALLED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR H20 LOADING.
17. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS AND COVERS.
18. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL OR STRUCTURAL ENGINEERING PLANS AND SPECIFICATIONS.

GENERAL EROSION CONTROL NOTES:

1. SITE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MONITORING, AND MAINTAINING ALL EROSION & SEDIMENT CONTROL BMPS.
2. SITE CONTRACTOR IS RESPONSIBLE TO KEEP AND UPDATE ALL STORM EVENT LOG BOOKS.
3. THE CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PLAN TO PREVENT MUD, SEDIMENT, AND CONSTRUCTION MATERIALS FROM BEING WASHED OR TRACKED OFF SITE ONTO ADJACENT PROPERTY. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE APPROVED ADEQ CONSTRUCTION STORMWATER PERMIT AND MAINTAIN THE STORMWATER POLLUTION PREVENTION PLAN AT ALL TIMES.
4. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THIS DRAWING (SITE MAP), THE EROSION CONTROL DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN THE TEMPORARY EROSION CONTROL SECTION OF THE SPECIFICATIONS, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
5. EROSION CONTROL DEVICES SHALL BE INSTALLED AS THE PROJECT PROGRESSES AND AREAS ARE DISTURBED.
6. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
7. BEST MANAGEMENT PRACTICES AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, AND OR LOCAL MANUAL OF PRACTICE, AND THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECT BY THE PERMITTING AGENCY OR OWNER.
8. THIS EROSION CONTROL PLAN MAY BE REVISED BY ADDING OR DELETING EROSION CONTROL DEVICES AS DIRECTED BY THE ENGINEER.
9. THE LOCATIONS OF THESE EROSION CONTROL DEVICES MAY BE CHANGED IF SITE CONDITIONS WARRANT TO PREVENT EROSION.
10. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE AND EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
11. ALL INLETS ON AND ADJACENT TO THE SITE SHALL BE PROTECTED FROM SEDIMENT.
12. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.
13. PERFORM EQUIPMENT AND VEHICLE MAINTENANCE ONLY IN DESIGNATED AREAS. USE DRIP PANS UNDER EQUIPMENT.
14. INSPECT ALL EROSION CONTROL DEVICES AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT 0.25 INCHES OR GREATER THROUGHOUT THE DURATION OF THIS PROJECT AND UNTIL PERMANENT VEGETATION IS ESTABLISHED OR AS OTHERWISE DIRECTED IN THE SWPPP.
15. ALL DISTURBED AREAS LEFT IDLE FOR A PERIOD OF 14 DAYS OR LONGER ARE TO RECEIVE TEMPORARY VEGETATION AND MULCHED.
16. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND/OR OTHER PETROLEUM-BASED, OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATION IS PROHIBITED.
17. SOLID WASTE (INCLUDING TRASH AND DEBRIS) MUST BE DISPOSED OF PROPERLY, AND HAZARDOUS MATERIALS (INCLUDING OIL, GASOLINE, AND PAINT) MUST BE PROPERLY STORED (WHICH INCLUDES SECONDARY CONTAINMENT), PROPERLY MANAGE PORTABLE SANITARY FACILITIES.
18. USE DRY CLEANUP METHODS TO COLLECT LITTER AND ABSORB ANY LIQUID WASTES PRIOR TO ANY PRESSURE WASHING. THESE INCLUDE USING ABSORBENTS (RAGS, SAND, ETC.), SWEEPING, AND SCRAPPING OFF DRIED DEBRIS.
19. RUBBISH, TRASH, GARBAGE, OR LITTER SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM BEING BLOWN OR WASHED OFF-SITE.
20. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF SITE..
21. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
22. ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH ADEQ CONSTRUCTION STORMWATER PERMIT.
23. ALL MATERIALS MUST BE STORED OUT OF THE WAY OF VEHICULAR TRAFFIC.
24. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
25. EROSION CONTROL FACILITIES REQUIRED BY THESE PLANS AND/OR THE FACILITY PERMIT ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL FACILITIES AS NECESSARY.
26. REMOVE EROSION CONTROL DEVICES AFTER PERMANENT VEGETATION IS ESTABLISHED.

ADDITIONAL EROSION CONTROL NOTES:

INITIAL SITE PREPARATION:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXITS. ANY NEW OR RELOCATED CONSTRUCTION ENTRANCES MUST BE PROPOSED BY THE CONTRACTOR AND APPROVED BY THE EOR. NEW LOCATION OF CONSTRUCTION ENTRANCES / EXITS SHALL BE SHOWN ON THE ON-SITE SWPPP. THE LOCATIONS OR RELOCATIONS OF THE CONSTRUCTION ENTRANCES / EXITS ARE THE CONTRACTOR'S RESPONSIBILITY AND SHALL NOT BE SUBJECT TO A CHANGE ORDER.
2. SITE CONTRACTOR SHALL SUBMIT TO ENGINEER FOR APPROVAL A SITE MAP SHOWING THE PROPOSED LOCATIONS OF THE FOLLOWING: TRAILER, PARKING, LAY DOWN, PORTAJ-POTTY, WHEEL WASH, CONCRETE WASH-OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROGRESS.
3. CONSTRUCT THE SILT FENCES ON THE SITE AS INDICATED ON THE PLANS.
4. CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS.
5. CONTACT THE ENGINEER TO PERFORM INSPECTION OF THE BMPS. SITE CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING SUB-CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
6. CLEAR AND GRUB THE SITE WITHIN THE LIMITS OF WORK SHOWN ON THE PLANS.
7. CONTRACTOR SHALL BEGIN GRADING THE SITE AND BEGIN CONSTRUCTION.

DURING CONSTRUCTION:

1. TEMPORARILY SEED DISTURBED AREAS.
2. INSTALL INLET PROTECTION AROUND ALL NEWLY CONSTRUCTED STORM SEWER STRUCTURES.
3. AFTER PAVING, INSTALL INLET PROTECTION DEVICES.
4. AT THE COMPLETION OF GRADING INSTALL PERMANENT SEEDING AND PLANTINGS.
5. ONCE SITE IS STABILIZED, THE CONTRACTOR CAN REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
6. ON AN AS-NEEDED BASIS OR AS DIRECTED BY THE CITY OR OWNER, THE CONTRACTOR SHALL CONTROL DUST BY EXPOSING THE SOIL SURFACE TO MOISTURE PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.

UTILITY NOTES:

1. EXISTING STRUCTURES AND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. ALL STRUCTURES AND UTILITIES MAY NOT BE SHOWN. ALL EXISTING UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION (WHETHER SHOWN OR NOT SHOWN). UTILITY SERVICE MUST BE MAINTAINED DURING AND AFTER CONSTRUCTION
2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
3. ALL WATER LINE AND SANITARY SEWER WORK MUST BE PERFORMED IN ACCORDANCE WITH (LOCAL JURISDICTION) STANDARD SPECIFICATIONS AND DETAILS, AND SHALL BE COORDINATED WITH LOCAL JURISDICTION
4. THE CONTRACTOR SHALL COORDINATE THE CONNECTIONS TO THE EXISTING WATER LINES WITH THE LOCAL JURISDICTION.
5. PROVIDE THRUST BLOCKING FOR THE PROPOSED WATERLINES AS SHOWN ON THE DETAIL SHEETS AND AS REQUIRED BY THE LOCAL JURISDICTION.
6. ALL WATER AND SEWER LINES AND SERVICES CROSSING ROADWAYS ARE TO BE BACKFILLED WITH COMPACTED CLASS 7 AGGREGATE BASE COURSE.
7. ALL WATER MAINS SHALL BE A MINIMUM OF 3-FT BELOW FINISHED GRADE AND A MINIMUM OF 1-FT BELOW STORM DRAINS.
8. PER ARKANSAS RULES PERTAINING TO PUBLIC WATER SYSTEMS SECTION XIV A- THE OPERATING ROUTINE SHALL INCLUDE NECESSARY PROTECTIVE MEASURES TO DETECT AND REMOVE OR DESTROY ANY CONTAMINANT OF CONCERN OR REGULATION THAT MIGHT ENTER THE DISTRIBUTION SYSTEM. EVERY PRECAUTION MUST BE TAKEN AGAINST THE POSSIBILITY OF SEWAGE CONTAMINATION OF THE WATER IN THE DISTRIBUTION SYSTEM. WATER MAINS AND SANITARY SEWERS SHALL BE CONSTRUCTED AS FAR APART AS PRACTICABLE, AND SHALL BE SEPARATED BY UNDISTURBED AND COMPACTED EARTH. A MINIMUM HORIZONTAL DISTANCE OF TEN FEET SHOULD BE MAINTAINED BETWEEN WATER LINES AND SEWER LINES OR OTHER SOURCES OF CONTAMINATION. WATER LINES AND SEWERS SHALL NOT BE LAID IN THE SAME TRENCH EXCEPT ON THE WRITTEN APPROVAL OF THE ARKANSAS DEPARTMENT OF HEALTH. WATER MAINS NECESSARILY IN CLOSE PROXIMITY TO SEWERS MUST BE PLACED SO THAT THE BOTTOM OF THE WATER LINE WILL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE AT ITS HIGHEST POINT. IF THIS DISTANCE MUST UNAVOIDABLY BE REDUCED, THE WATER LINE OR THE SEWER LINE MUST BE ENCASED IN WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS EXTENDING AT LEAST TEN FEET EITHER SIDE OF THE CROSSING. ANY JOINT IN THE ENCASEMENT PIPE IS TO BE MECHANICALLY RESTRAINED. THE ENCASEMENT PIPE MAY BE VENTED TO THE SURFACE IF CARRYING WATER OR SEWER UNDER PRESSURE. WHERE A WATER LINE MUST UNAVOIDABLY PASS BENEATH THE SEWER LINE, AT LEAST 18 INCHES OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENT. EXCEPTIONS TO THIS MUST BE APPROVED IN WRITING BY THE ARKANSAS DEPARTMENT OF HEALTH. A MINIMUM HORIZONTAL DISTANCE OF THREE FEET SHALL BE MAINTAINED BETWEEN WATER LINES AND OTHER UNDERGROUND UTILITIES OF A NONSANITARY NATURE (GAS, ELECTRIC, ETC.). EXCEPTIONS TO THIS MUST BE APPROVED IN WRITING BY THE ARKANSAS DEPARTMENT OF HEALTH AND HUMAN SERVICES.
9. ALL SANITARY SEWER WORK SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE LOCAL JURISDICTIONS STANDARD SPECIFICATIONS AND DETAILS AND SHALL BE COORDINATED WITH THE LOCAL JURISDICTION.

ABBREVIATIONS

BC	BOTTOM OF CURB
BW	BOTTOM OF WALL
CL	CENTERLINE
CLR	CLEARANCE
CMP	CORRUGATED METAL PIPE
DIA	DIAMETER
DWG	CAD DRAWING
E	EASTING
ELEV	ELEVATION
EX	EXISTING
EG	EXISTING GRADE
FES	FLARED END SECTION
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FL	FLOWLINE
FT	FEET
GA	GAUGE
GMP	GAS MONITORING PROBE
HDPE	HIGH DENSITY POLYETHYLENE
HORZ	HORIZONTAL
ID	INSIDE DIAMETER
INV	INVERT
LB	POUNDS
LEN	LENGTH
LF	LINEAR FEET
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
N	NORTHING
N.T.S.	NOT TO SCALE
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
PL	PROPERTY LINE
PVC	POLYVINYL CHLORIDE
PVT	PAVEMENT
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT-OF-WAY
SCH	SCHEDULE
SS	STAINLESS STEEL
SQ	SQUARE
STA	STATION
STD	STANDARD
TC	TOP OF CURB
TW	TOP OF WALL
TYP	TYPICAL
VERT	VERTICAL

PROPOSED SITE PLAN LEGEND

- TYPICAL CONCRETE SIDEWALK W/ MED. BROOM FINISH
- TYPICAL CONCRETE SIDEWALK W/ INTEGRAL COLOR FINISH
- HEAVY DUTY CONCRETE PAVEMENT W/ MED. BROOM FINISH
- HEAVY DUTY CONCRETE PAVEMENT W/ INTEGRAL COLOR FINISH
- ROCK MULCH

PROPOSED EROSION CONTROL LEGEND

- CONSTRUCTION ENTRANCE
- CONCRETE WASHOUT
- WIRE REINFORCED SILT FENCE
- GRATE INLET PROTECTION
- LIMITS OF DISTURBANCE
- FLOW ARROW

EXISTING LEGEND

- FOUND MONUMENT
- SET 1/2" REBAR
- COMPUTED POINT
- FIRE HYDRANT
- WATER VALVE
- WATER METER
- GAS METER
- GAS VALVE
- POWER POLE
- POWER POLE W/ LIGHT
- GUY WIRE
- LIGHT POLE
- TELEPHONE PEDESTAL
- ELECTRIC METER
- SANITARY SEWER MANHOLE
- SIGN
- (M) MEASURED
- (R) RECORD
- WA — WATER LINE
- GAS — GAS LINE
- OHE — OVERHEAD ELECTRIC
- UGT — UNDERGROUND TELEPHONE
- UGE — UNDERGROUND ELECTRIC

PROPOSED GRADING & DRAINAGE LEGEND

- NYLOPLAST CATCH BASIN
- HDPE STORM PIPE
- PERFORATED HDPE STORM PIPE
- 1315 PROPOSED 1 FT. CONTOUR ELEVATION
- 1315 PROPOSED 5 FT. CONTOUR ELEVATION
- XXXX.XX SPOT ELEVATIONS
- FLOWLINE

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STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 18017 BORDERS 8.31.2026

UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

ISSUE FOR PRICING:

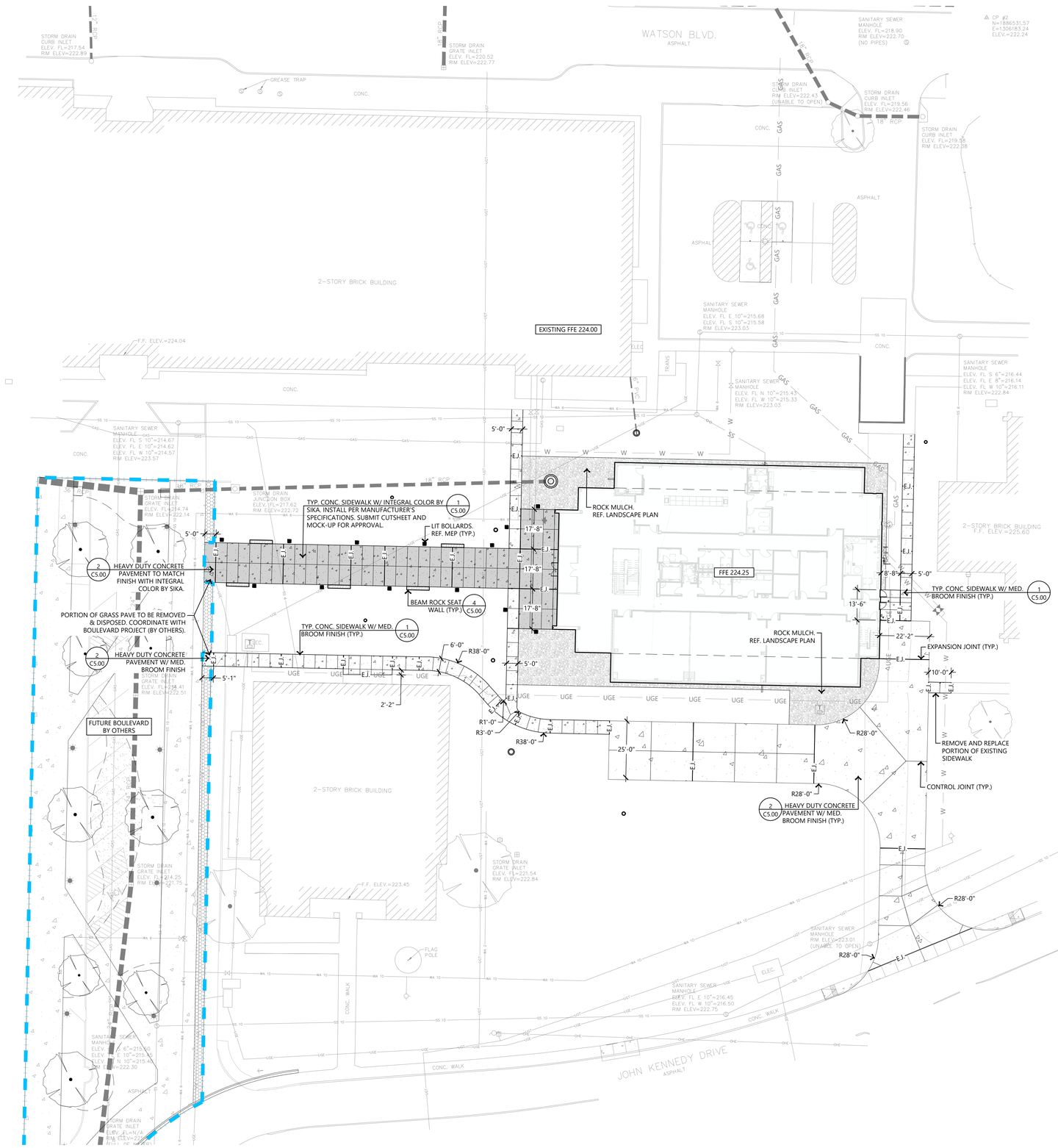
ISSUE FOR CONSTRUCTION:

DATE: 08.31.2026

TITLE: GENERAL NOTES & LEGENDS

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1 SITE PLAN

SCALE: 1" = 20'-0"

NORTH

0' 20' 40' 80'

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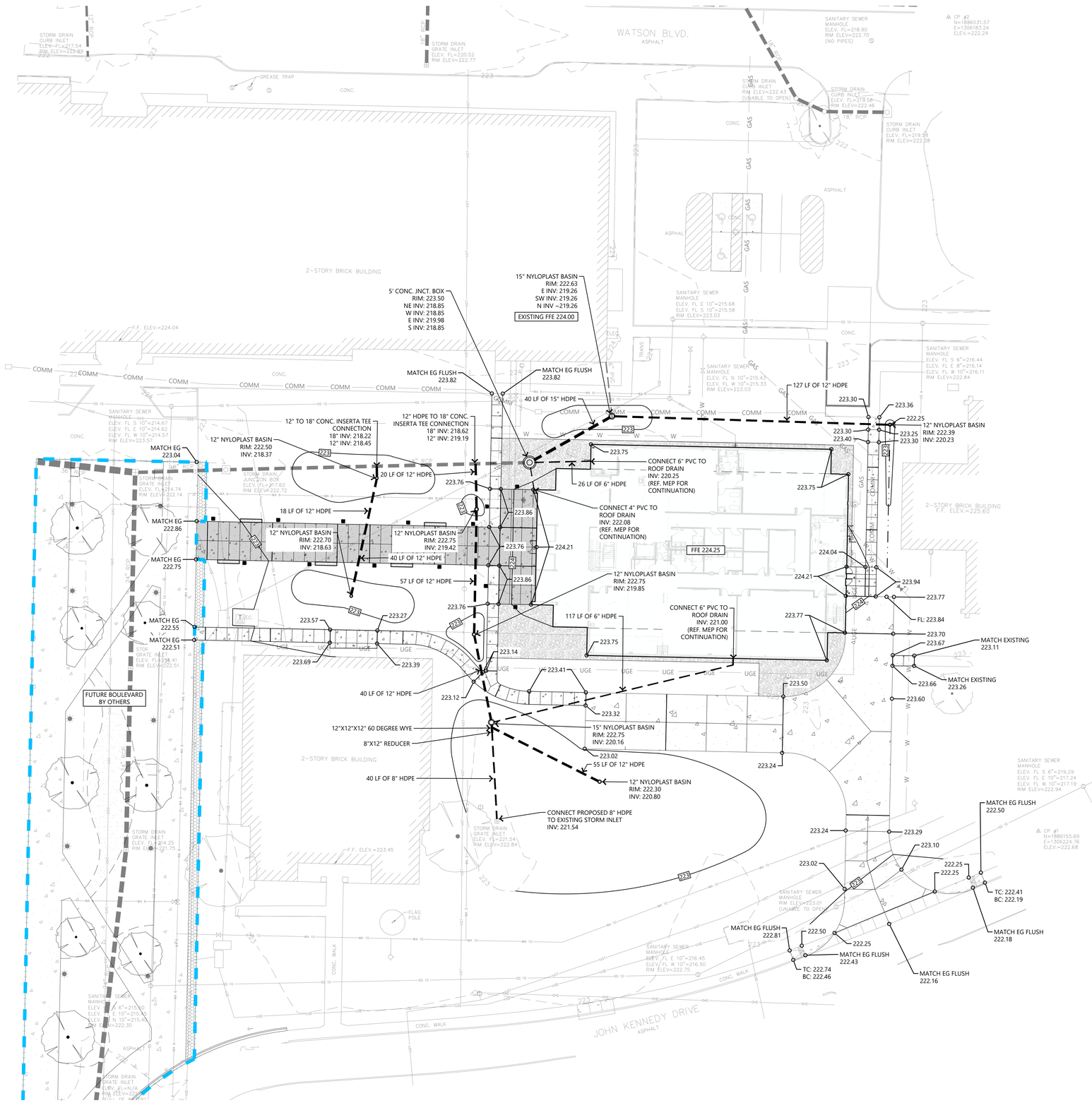
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1 GRADING & DRAINAGE PLAN

SCALE: 1" = 20'-0"

NORTH

0' 20' 40' 80'

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
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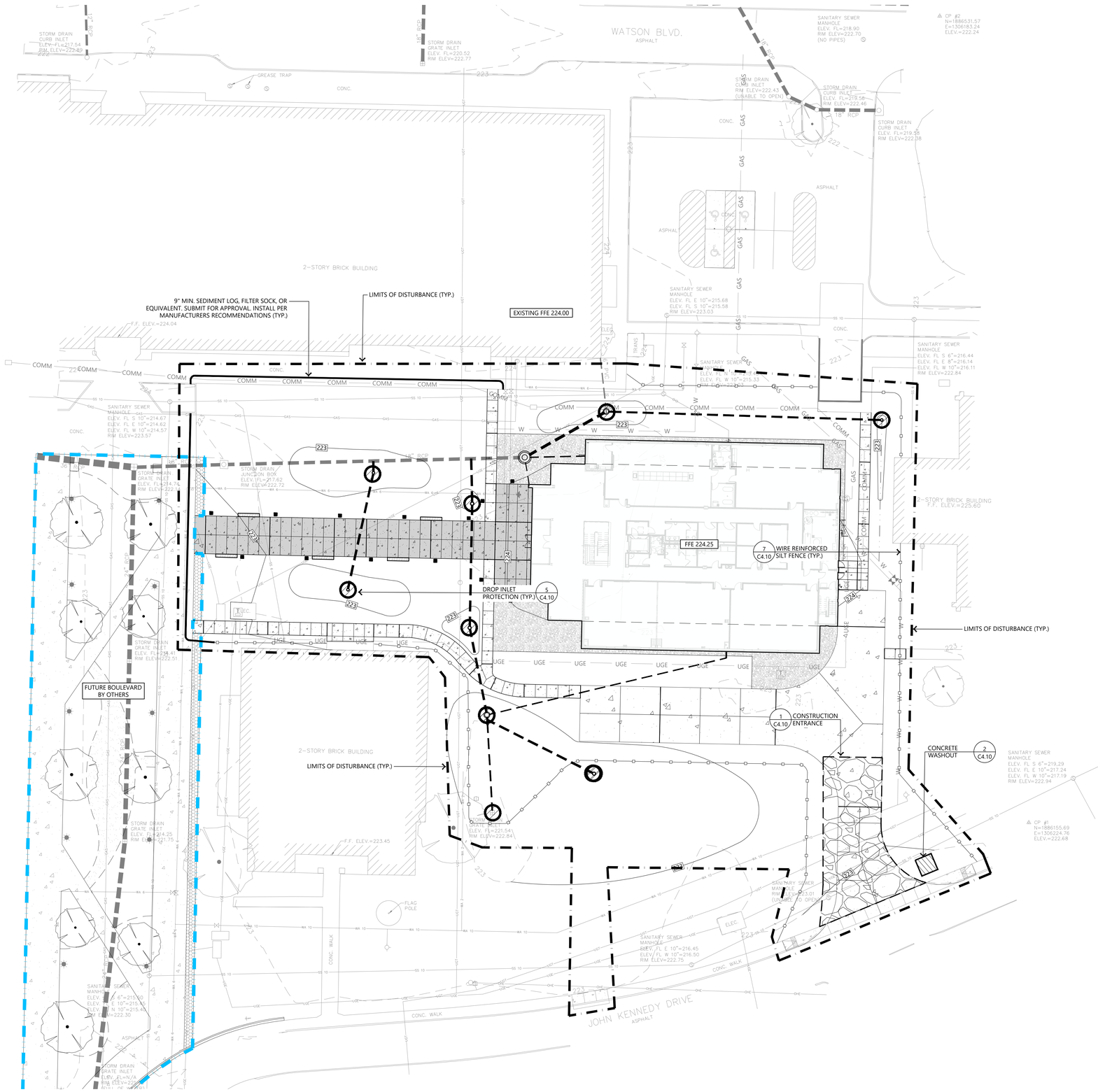
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UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF



1 EROSION CONTROL PLAN

SCALE: 1" = 20'-0"

NORTH

0' 20' 40' 80'

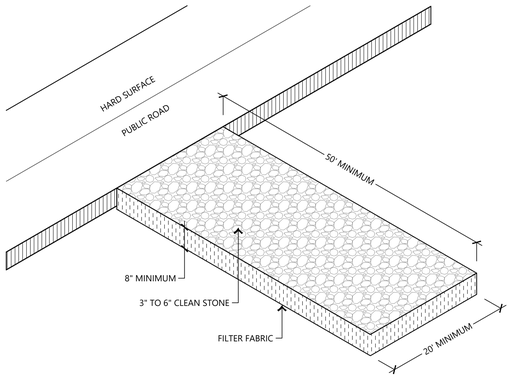
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VERIFY SCALE
0 1"

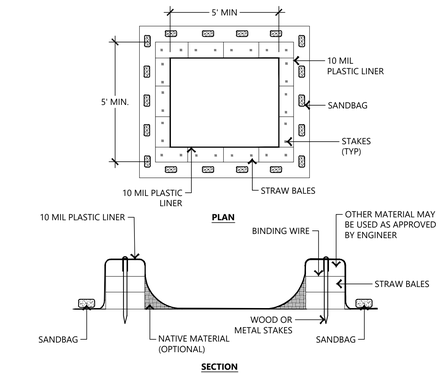


CONSTRUCTION EXIT NOTES

1. REPLACE CONTAMINATED STONE AS REQUIRED TO PREVENT TRACKING OF SEDIMENT OR MUD ON PUBLIC STREETS.
2. CLEAN STREETS DAILY WITH BROOM AND SHOVEL. THE USE OF WATER IS PROHIBITED.
3. ALL VEHICLES MUST USE CONSTRUCTION EXIT.

1 CONSTRUCTION ENTRANCE

SCALE: N.T.S.



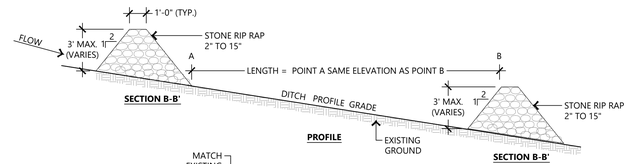
SECTION

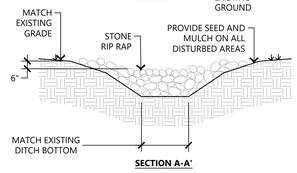
WASHOUT NOTES

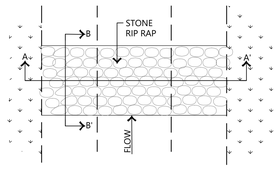
1. NO WASHING OUT OF CONCRETE TRUCKS OR WASHING OF SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS IS ALLOWED.
2. EXCESS CONCRETE IS NOT ALLOWED TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED TEMPORARY CONCRETE WASHOUT PIT AREAS.
3. ON-SITE TEMPORARY CONCRETE WASHOUT AREAS WILL BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES AS DETERMINED IN THE FIELD.
4. TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
5. WASHOUT FACILITIES WILL BE CLEANED OUT OR REPLACED ONCE THE WASHOUT IS 75% FULL.
6. PLASTIC LINING MATERIAL WILL BE MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS.
7. WHEN WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE WILL BE REMOVED AND DISPOSED OF OFFSITE. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE REMOVED FROM THE SITE AND DISPOSED OF.

2 CONCRETE WASHOUT

SCALE: N.T.S.







PLAN VIEW

INSTALLATION:

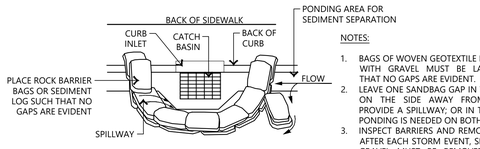
1. EXCAVATE KEY-WAY (IF REQUIRED)
2. A GEOTEXTILE FABRIC SHALL BE INSTALLED OVER THE SOIL SURFACE WHERE THE ROCK IS TO BE PLACED (IF REQUIRED)
3. ROCK DIAMETERS SHOULD BE 2" TO 15" IN DIAMETER
4. ROCK DITCH CHECKS SHOULD NOT EXCEED 3 FEET
5. STONES SHOULD BE PLACED UP THE CHANNEL BANKS TO PREVENT WATER FROM CUTTING AROUND THE DITCH CHECK
6. INSTALLATION SHALL BE PLACED EITHER BY HAND OR MECHANICALLY AND NOT JUST DUMPED TO ACHIEVE COMPLETE COVERAGE OF THE DITCH AND ENSURE THE CENTER OF THE DAMN IS LOWER THAN THE EDGES
7. MAXIMUM SPACING BETWEEN MULTIPLE DAMS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM CHECK IS THE SAME AS THE TOP OF THE DOWNSTREAM CHECK

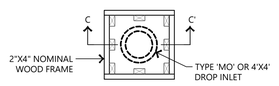
INSPECTION:

1. INSPECT ROCK DITCH CHECKS EVERY (7) CALENDAR DAYS AND WITH-IN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2" PRECIPITATION OR AS SPECIFIED IN THE SWPPP.
2. SEDIMENT SHOULD BE REMOVED WHEN IT REACHES 1/2 THE ORIGINAL CHECK HEIGHT
3. IN THE CASE OF GRASS-LINED DITCHES OR SWALES, ROCK DITCH CHECKS SHOULD BE REMOVED WHEN THE GRASS HAS MATURED SUFFICIENTLY TO PROTECT THE DITCH OR SWALE, IF THE SLOPE IS 4% OR LESS.
4. THE AREA BENEATH THE ROCK DITCH CHECKS SHOULD BE SEEDED AND MULCHED IMMEDIATELY AFTER THE CHECK DAM REMOVAL

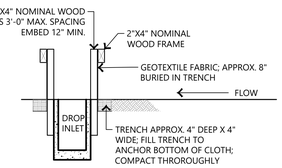
3 ROCK CHECK DAM

SCALE: N.T.S.





PLAN



SECTION C-C'

NOTES:

1. ATTACH THE WOVEN WIRE FENCE AND THE GEOTEXTILE TO EACH POST (SPACED EVERY 30') WITH THREE WIRE TIES OR OTHER FASTENERS, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART.
2. WHEN TWO SECTIONS OF SILT FENCE FABRIC ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED ACROSS TWO POSTS.
3. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE SWPPP. DEPTH OF ACCUMULATED SEDIMENTS MAY NOT EXCEED ONE-THIRD THE HEIGHT OF THE FABRIC.
4. ALL SILT FENCE INLET PROTECTIONS SHALL INCLUDE WIRE SUPPORT.

MAINTENANCE NOTES:

5. INLET PROTECTION DEVICES MUST BE INSPECTED FOR SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN (IF USING INSERT-TYPE DEVICE) OR UPGRADIENT OF THE INLET.
7. ANY SEDIMENT ACCUMULATED IN OR ADJACENT TO A STORM DRAIN INLET MUST BE REMOVED AS SOON AS PRACTICABLE BUT NOT LATER THAN 3 DAYS AFTER DISCOVERY.
8. INLET PROTECTION DEVICES SHALL BE INSPECTED FOR UNINTENDED BYPASS OR IMPROPER FLOW-RATES THAT MAY CAUSE DOWNSTREAM FLOODING.
9. CONTACT THE PUBLIC WORKS INSPECTOR AND/OR ENGINEER FOR ALTERNATE INLET PROTECTION IF THE DESIGNED PROTECTION MAY IMPACT DOWNSTREAM BMPS, ADJACENT SLOPES, ETC., DUE TO PONDING ISSUES. ENSURE THAT NO UNDERMINING OF INLET PROTECTION DEVICES HAS OCCURRED.
10. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.

5 DROP INLET PROTECTION

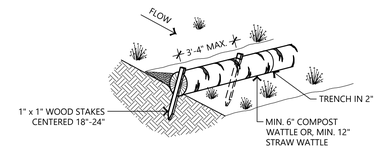
SCALE: N.T.S.

NOTES:

1. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.
2. LEAVE ONE SANDBAG GAP IN THE TOP ROW ON THE SIDE AWAY FROM FLOW, TO PROVIDE A SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED ON BOTH SIDES.
3. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.
4. 12" SEDIMENT LOG MAY BE USED IN LEIU OF SANDBAGS.

4 INLET PROTECTION

SCALE: N.T.S.

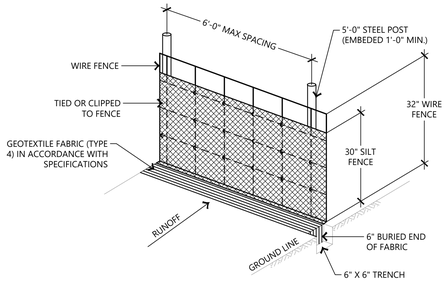


INSTALLATION NOTES

1. WATTLES SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
2. NOT FOR USE IN CONCENTRATED FLOW AREAS.
3. THE WATTLES SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF TWO (2) INCHES.
4. WATTLES SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
5. ON SLOPES, WATTLES SHOULD BE INSTALLED ON CONTOUR WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO CREATE PONDING.
6. RUNNING LENGTHS OF WATTLES SHOULD BE ABUTTED FIRMLY TO ENSURE NO LEAKAGE AT THE ABUTMENTS.
7. WHEN INSTALLING RUNNING LENGTHS OF WATTLES, BUTT THE SECOND WATTLE TIGHTLY AGAINST THE FIRST, DO NOT OVERLAP THE ENDS. STAKE THE WATTLES AT EACH END AND FOUR FOOT ON CENTER.
8. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE. LEAVING 2 - 3 INCHES OF THE STAKE PROTRUDING ABOVE THE WATTLE. WHEN INSTALLING WATTLES ON SLOPES, DRIVE THE STAKES PERPENDICULAR TO THE SLOPE.
9. DRIVE THE FIRST END STAKE OF THE SECOND WATTLE AT AN ANGLE TOWARD THE FIRST WATTLE IN ORDER TO HELP ABUT THEM TIGHTLY TOGETHER.
10. STAKING: USE WOOD STAKES TO SECURE THE WATTLES. 1/2" TO 5/8" REBAR IS ALSO ACCEPTABLE WITH A SAFETY CAP. BE SURE TO USE A STAKE THAT IS LONG ENOUGH TO PROTRUDE SEVERAL INCHES ABOVE THE WATTLE.
11. THE CONTRACTOR SHALL INSPECT WATTLES EVERY TWO WEEKS AND AFTER ANY SIGNIFICANT STORM EVENT OR AS SPECIFIED IN THE SWPPP AND MAKE REPAIRS OR REMOVE SEDIMENT ACCUMULATED BEHIND WATTLE AS NECESSARY.
12. SEDIMENT ACCUMULATED BEHIND WATTLE SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF THE DIAMETER OF THE WATTLE.
13. WATTLES SHALL REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED.

6 STRAW WATTLE

SCALE: N.T.S.



SILT FENCE NOTES:

1. POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. HERE FENCE CANNOT BE TRENCHED IN (e.g. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS ATTACHED TO THE FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
5. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

7 WIRE-REINFORCED SILT FENCE

SCALE: N.T.S.

CERTIFICATE OF AUTHORIZATION — Ecological Design Group, Inc. — No. 2511 — ARKANSAS

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18017 — ROBERT S. BORGESS — 8.31.2026

UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

ISSUE FOR PRICING:

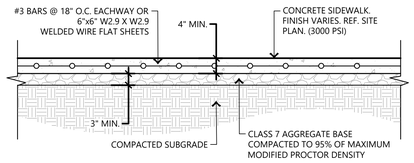
ISSUE FOR CONSTRUCTION:

DATE: 08.31.2026

TITLE: EROSION CONTROL DETAILS

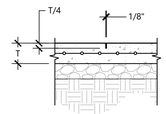
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VERIFY PRINT IN COLOR



NOTES:

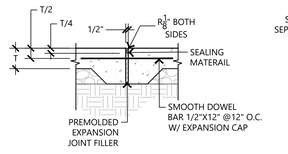
1. REFER TO SEPARATE DETAIL FOR JOINTS.
2. PROVIDE JOINTS PER PLANS.
3. REFER TO PLANS FOR SIDEWALK WIDTH AND LAYOUT.



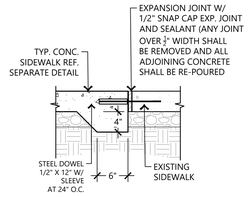
SAWED CONTRACTION JOINT

NOTES:

1. PROVIDE TRANSVERSE SAWED CONTRACTION JOINTS AT INTERVALS NOT EXCEEDING 10'-0" O.C. OR AS SHOWN ON PLANS.
2. PROVIDE CENTERLINE CONTRACTION JOINTS IN SIDEWALKS WIDER THAN 10'-0" OR AS SHOWN ON PLANS.
3. PROVIDE EXPANSION JOINTS AT INTERVALS NOT EXCEEDING 40'-0" O.C. OR AS SHOWN ON PLANS.
4. PROVIDE EXPANSION JOINTS ADJACENT TO STRUCTURES OR DRIVES. REF. PLANS.



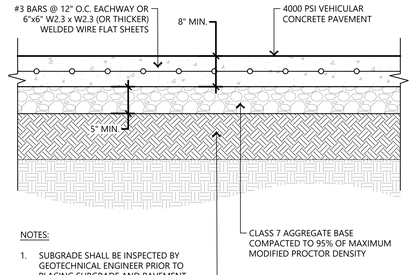
EXPANSION JOINT



CONNECTION TO EXISTING SIDEWALK

1 TYP. CONC. SIDEWALK & JOINT DETAILS

SCALE: N.T.S.

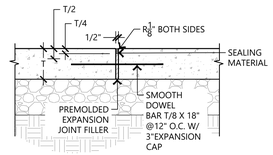


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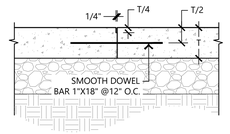
1. SUBGRADE SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO PLACING SUBGRADE AND PAVEMENT.
2. REFER SEPARATE DETAIL FOR JOINT DETAILS. REFER TO PLANS FOR JOINT LAYOUT.
3. REFER TO PLANS FOR CONCRETE EDGE TREATMENT.

2 CONC. PAVEMENT - HEAVY DUTY

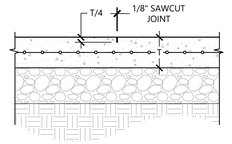
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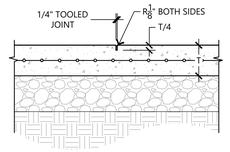
EXPANSION JOINT DETAIL



CONSTRUCTION JOINT DETAIL



SAWED CONTRACTION JOINT



TOOLED CONTRACTION JOINT

NOTES:

1. PROVIDE TRANSVERSE CONTRACTION JOINTS AT INTERVALS NOT EXCEEDING 15'-0" O.C.E.W. OR AS SHOWN ON PLANS.
2. PROVIDE EXPANSION JOINTS AT INTERVALS NOT EXCEEDING 60'-0" O.C.E.W. OR AS SHOWN ON PLANS.
3. PROVIDE EXPANSION JOINTS ADJACENT TO STRUCTURES OR DRIVES. REF. PLANS.

3 CONC. PAVEMENT JOINT DETAILS

SCALE: N.T.S.

4 BEAM ROCK SEAT WALL

SCALE: N.T.S.

AMR Architects
1424 S Main St. Ste. 105
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T: 501.375.0378
www.amr-architects.com
amr@amr-architects.com

VERIFY SCALE
0 1"

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STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18017 — BORDERS — 8.31.2026

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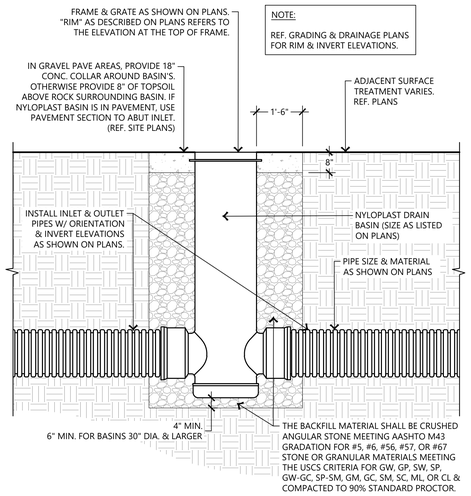
ISSUE FOR CONSTRUCTION:

DATE: 08.31.2026

TITLE: SITE DETAILS

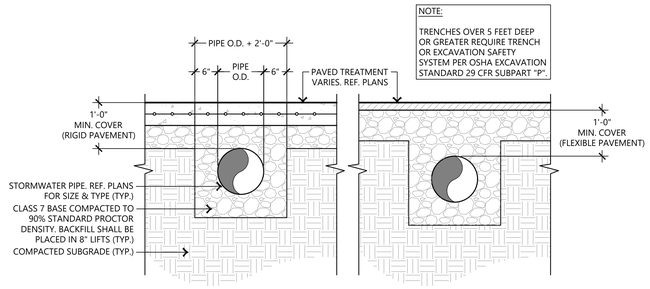
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1 NYLOPLAST CATCH BASIN

SCALE: N.T.S.



2 STORMWATER BEDDING DETAILS

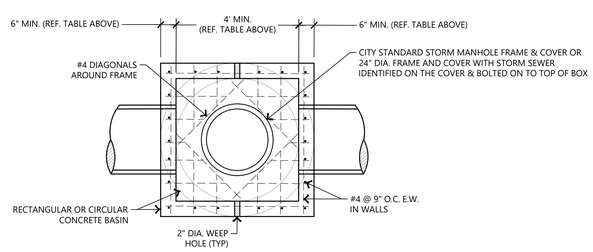
SCALE: N.T.S.

STRUCTURE SIZING & REINFORCING TABLE			
INSIDE DIMENSION	DIAMETER OF OUTLET PIPE	*TOP CONCRETE SLAB REINFORCING	MIN. WALL THICKNESS
4'	12" - 27"	#4'S @ 8" O.C.E.W.	6"
5'	30" - 42"	#4'S @ 7" O.C.E.W.	8"
6'	48" - 54"	#5'S @ 9"O.C.E.W.	8"
NOTE: LIMIT DEFLECTION TO 60 DEGREES. IF GREATER USE NEXT LARGER MANHOLE SIZE.			

* WHEN UNDER TRAFFIC, USE # 5'S @ 6" O.C. E.W.

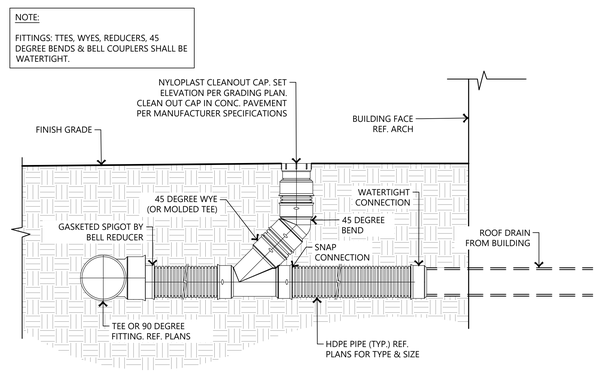
JUNCTION BOX NOTES

1. ALL REINFORCEMENT BARS SHALL BE GRADE 60 AND SHALL HAVE A MINIMUM 2" COVER UNLESS OTHERWISE NOTED.
2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 p.s.i. -TOP 18" SHALL BE CAST-IN-PLACE.
3. INVERTS SHALL BE POURED MONOLITHICALLY WITH FOOTING.
4. PIPES MAY ENTER BOX FROM ANY ANGLE OF ELEVATION AS DIRECTED BY THE ENGINEER. REINFORCING BARS SHALL BE CUT TO CLEAR PIPE BY 2".
5. STEPS ARE REQUIRED IN STORM DRAIN MANHOLES THAT ARE AT 4 FT OF DEPTH AND GREATER (FROM INVERT TO RIM). CENTERLINE OF MANHOLE LID SHALL BE 2 FT FROM THE WALL WHERE STEPS ARE LOCATED. STEPS (6" x 12") SHALL BE COPOLYMER POLYPROPYLENE PLASTIC WITH STEEL CORE AT 16" APART.



3 TYPE 1 JUNCTION BOX

SCALE: N.T.S.



4 ROOF DRAIN CONNECTION DETAIL

SCALE: N.T.S.

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Little Rock, AR 72202
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amr@amr-architects.com

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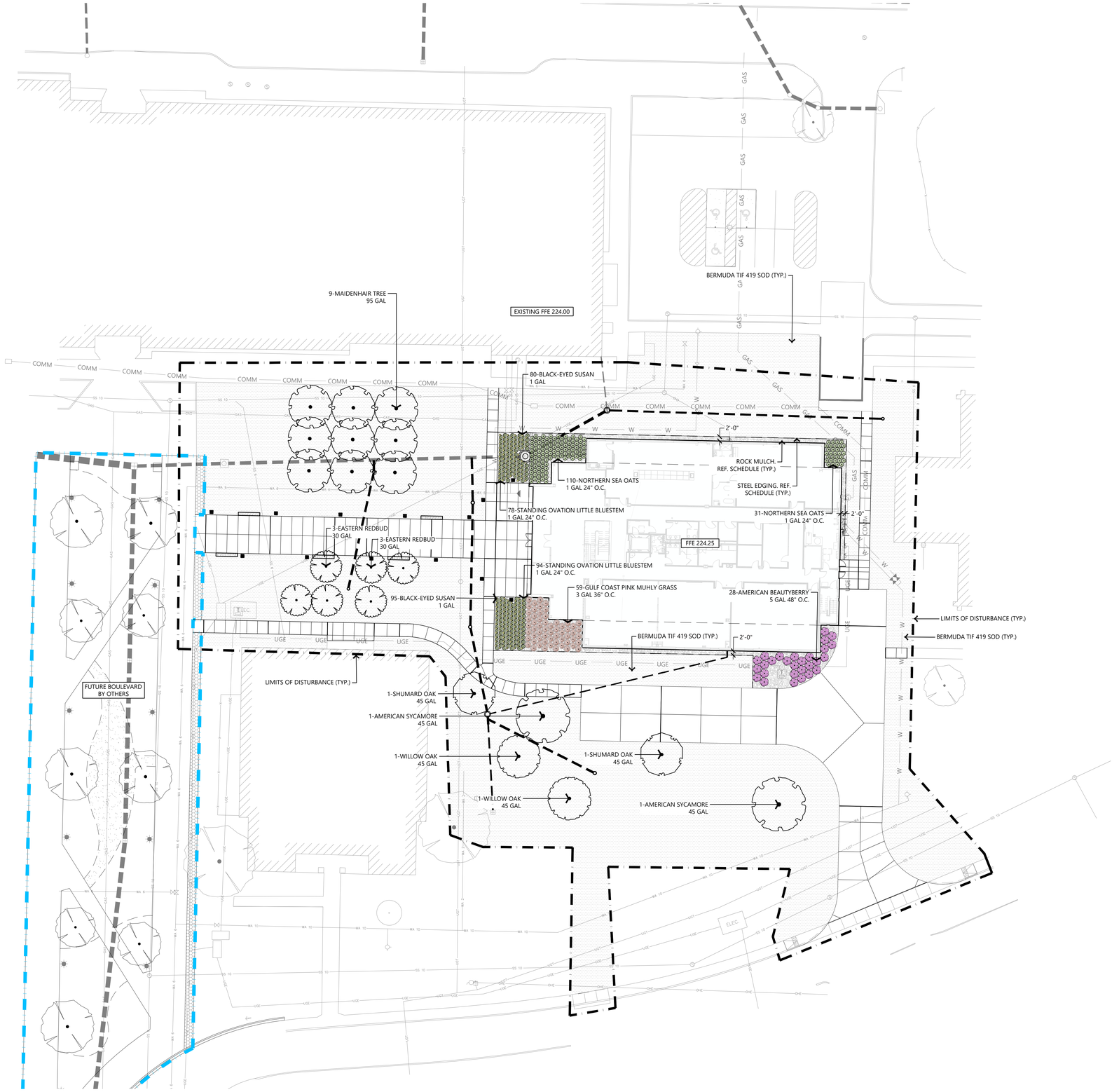
#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08.31.2026
TITLE:		SITE DETAILS

C5.01

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PLANT SCHEDULE

SYMBOL	COMMON NAME
TREES	
	AMERICAN SYCAMORE
	EASTERN REDBUD
	MAIDENHAIR TREE
	SHUMARD OAK
	WILLOW OAK
SHRUBS	
	AMERICAN BEAUTYBERRY
	BLACK-EYED SUSAN
	GULF COAST PINK MUHLY GRASS
	NORTHERN SEA OATS
	STANDING OVATION LITTLE BLUESTEM
GROUND COVERS	
	419 HYBRID BERMUDAGRASS



1 LANDSCAPE PLAN

SCALE: 1" = 20'-0"

NORTH

0' 20' 40' 80'

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#	DATE	DESCRIPTION
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ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08.31.2026
TITLE:		LANDSCAPE PLAN

L1.00

VERIFY PRINT IN COLOR

PLANT SCHEDULE

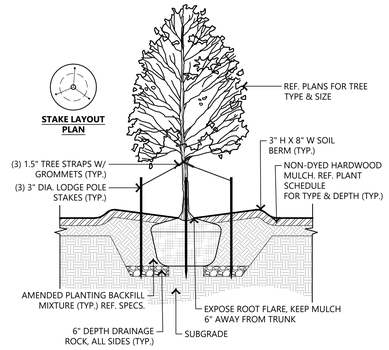
NOTE: CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES

SYMBOL	QTY	COMMON NAME	BOTANICAL NAME	CALIPER	CONTAINER	SPACING	HEIGHT X SPREAD	REMARKS
TREES								
	2	AMERICAN SYCAMORE	PLATANUS OCCIDENTALIS	3" CAL	45 GAL	AS SHOWN	16` X 6` MIN	SINGLE TRUNK. CONTAINER GROWN. SOURCE FROM HALE & HINES OR APPROVED EQUAL.
	6	EASTERN REDBUD	CERCIS CANADENSIS	2.5" CAL	30 GAL	AS SHOWN	10` X 5` MIN	SINGLE TRUNK. CONTAINER GROWN. SOURCE FROM HALE & HINES OR APPROVED EQUAL.
	9	MAIDENHAIR TREE	GINKGO BILOBA	4" CAL	95 GAL	AS SHOWN	18` X 9` MIN.	SINGLE TRUNK. CONTAINER GROWN. SOURCE FROM HALE & HINES OR APPROVED EQUAL.
	2	SHUMARD OAK	QUERCUS SHUMARDII	3" CAL	45 GAL	AS SHOWN	16` X 6` MIN	SINGLE TRUNK. CONTAINER GROWN. SOURCE FROM HALE & HINES OR APPROVED EQUAL.
	2	WILLOW OAK	QUERCUS PHELLOS	3" CAL	45 GAL	AS SHOWN	16` X 6` MIN	SINGLE TRUNK. CONTAINER GROWN. SOURCE FROM HALE & HINES OR APPROVED EQUAL.
SHRUBS								
	28	AMERICAN BEAUTYBERRY	CALLICARPA AMERICANA	---	5 GAL	48" O.C.		
	175	BLACK-EYED SUSAN	RUDBECKIA HIRTA	---	1 GAL	AS SHOWN		FULL, MATCHED.
	59	GULF COAST PINK MUHLY GRASS	MUHLENBERGIA CAPILLARIS 'GULF COAST'	---	3 GAL	36" O.C.		FULL, MATCHED.
	141	NORTHERN SEA OATS	CHASMANTHIUM LATIFOLIUM	---	1 GAL	24" O.C.		FULL, MATCHED.
	172	STANDING OVATION LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM 'STANDING OVATION'	---	1 GAL	24" O.C.		FULL, MATCHED.
SYMBOL	QTY	COMMON NAME	BOTANICAL NAME	CALIPER	CONTAINER	SPACING	HEIGHT X SPREAD	REMARKS
GROUND COVERS								
	38,434 SF	419 HYBRID BERMUDAGRASS	CYNODON DACTYLON '419 HYBRID'	---	SOLID SOD, CERTIFIED WEED FREE, REFER TO SPECIFICATIONS FOR TOPSOIL DEPTHS			
MISCELLANEOUS								

	QTY	DESCRIPTION	REMARKS
	REF. PLAN	ROCK MULCH	1-2" (SMALL), 6" DEPTH. COLOR: CHOCOLATE. LOCALLY SOURCED. SUBMIT SAMPLE FOR APPROVAL
	REF. PLAN	HARDWOOD MULCH	TRIPLE HAMMERED HARDWOOD MULCH. COLOR: NATIVE. ALL PLANTING BEDS (UNLESS OTHERWISE SPECIFIED ON THE PLANS), AND THOSE AREAS SPECIFIED UNDERNEATH EXISTING AND PROPOSED TREES PER THE PLANS. SUBMIT FOR APPROVAL. 3" DEPTH.
	REF. PLAN	STEEL EDGING	3/16" X 4". COLOR: RAW. SUBMIT FOR APPROVAL

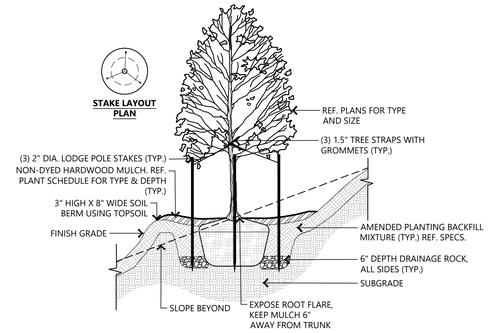
LANDSCAPE NOTES:

1. CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO STARTING ANY WORK. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ARKANSAS ONE-CALL TO CONFIRM ALL UTILITIES. THE CONTRACTOR SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION AT NO COST TO THE OWNER.
2. ALL PLANTS MUST BE HEALTHY, VIGOROUS AND FREE OF PESTS AND DISEASE.
3. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
4. ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED ON THE PLANT LIST.
5. ALL REQUIRED TREES SHALL MEET MINIMUM REQUIREMENTS PER CITY OF PINE BLUFF STANDARDS. ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED, UNLESS SPECIFIED OTHERWISE, AND MUST MEET ALL REQUIREMENTS SPECIFIED ON PLANS.
6. MAINTAIN 5' MINIMUM HORIZONTAL SEPARATION BETWEEN TREE PLANTINGS AND UTILITY LINES.
7. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE OF ANY LAYOUT DISCREPANCIES PRIOR TO ANY PLANTING.
8. ALL PLANTING AREAS MUST BE COMPLETELY MULCHED WITH NON-DYED ORGANIC HARDWOOD MULCH. REFER TO SPECIFICATIONS FOR DEPTH. MULCH SHALL BE NOT BE PLACED IMMEDIATELY ADJACENT TO TREE TRUNKS, BUT SHALL BE KEPT AT LEAST 6" FROM ROOT COLLAR AT THE SOIL LINE.
9. ALL PROPOSED PLANTING AREAS COVERED BY GRASS SHALL HAVE THE SOD COMPLETELY REMOVED BEFORE PLANTING BEGINS.
10. ALL AREAS TO BE SEEDED SHALL RECEIVE TOPSOIL AND BE GRADED PER THE GRADING PLAN. REFER. TO SPECIFICATIONS FOR TOPSOIL DEPTH.
11. ALL PLANTING BEDS SHALL BE CONTAINED BY EDGING MATERIAL OTHER THAN VEGETATION. REFER TO PLANT SCHEDULE FOR TYPES. SUBMIT FOR APPROVAL.
12. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
13. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING MATERIAL (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) IN ALL PLANTING AREAS AND LAWN AREAS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE OWNER.
14. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING ON THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD. PRESERVED TREES FOR WHICH CREDIT WAS AWARDED BUT WHICH SUBSEQUENTLY DIE, SHALL BE REPLACED BY THE REQUISITE NUMBER OF LIVING TREES. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.



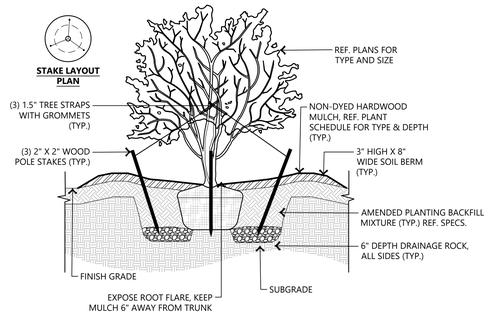
1 CANOPY TREE PLANTING DETAIL W/ STAKES

SCALE: N.T.S.



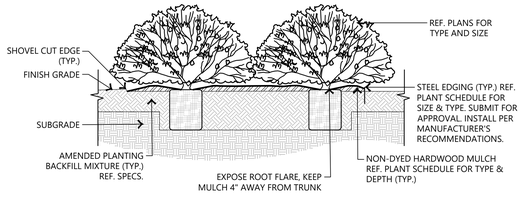
2 TREE ON A SLOPE PLANTING DETAIL

SCALE: N.T.S.



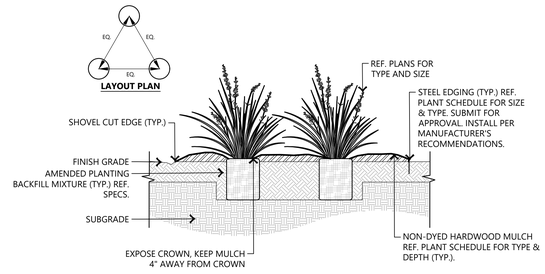
3 ORNAMENTAL TREE PLANTING DETAIL

SCALE: N.T.S.



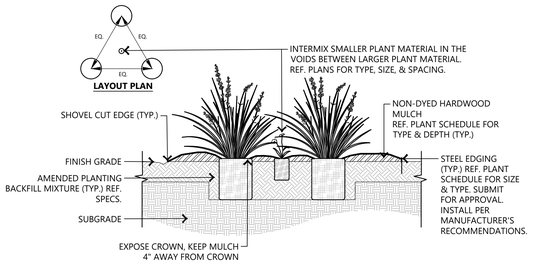
4 SHRUB PLANTING DETAIL

SCALE: N.T.S.



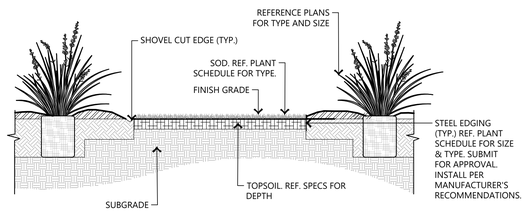
5 NATIVE GRASS PLANTING DETAIL

SCALE: N.T.S.



6 PLANTING W/ INTERMIXED PERENNIALS OR GRASSES DETAIL

SCALE: N.T.S.



7 SOD PLANTING DETAIL

SCALE: N.T.S.

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REG. ARCHITECT NO. C-1717 AMR ARCHITECTS, INC. ARKANSAS

VERIFY SCALE
0 1"

REGISTERED LANDSCAPE ARCHITECT MARY ANN MUNGLE 2007-0012 Christian Mungle, PLA 2082 8.31.26 STATE OF ARKANSAS

UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION

REVISIONS HISTORY

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PROPOSED IRRIGATION LEGEND

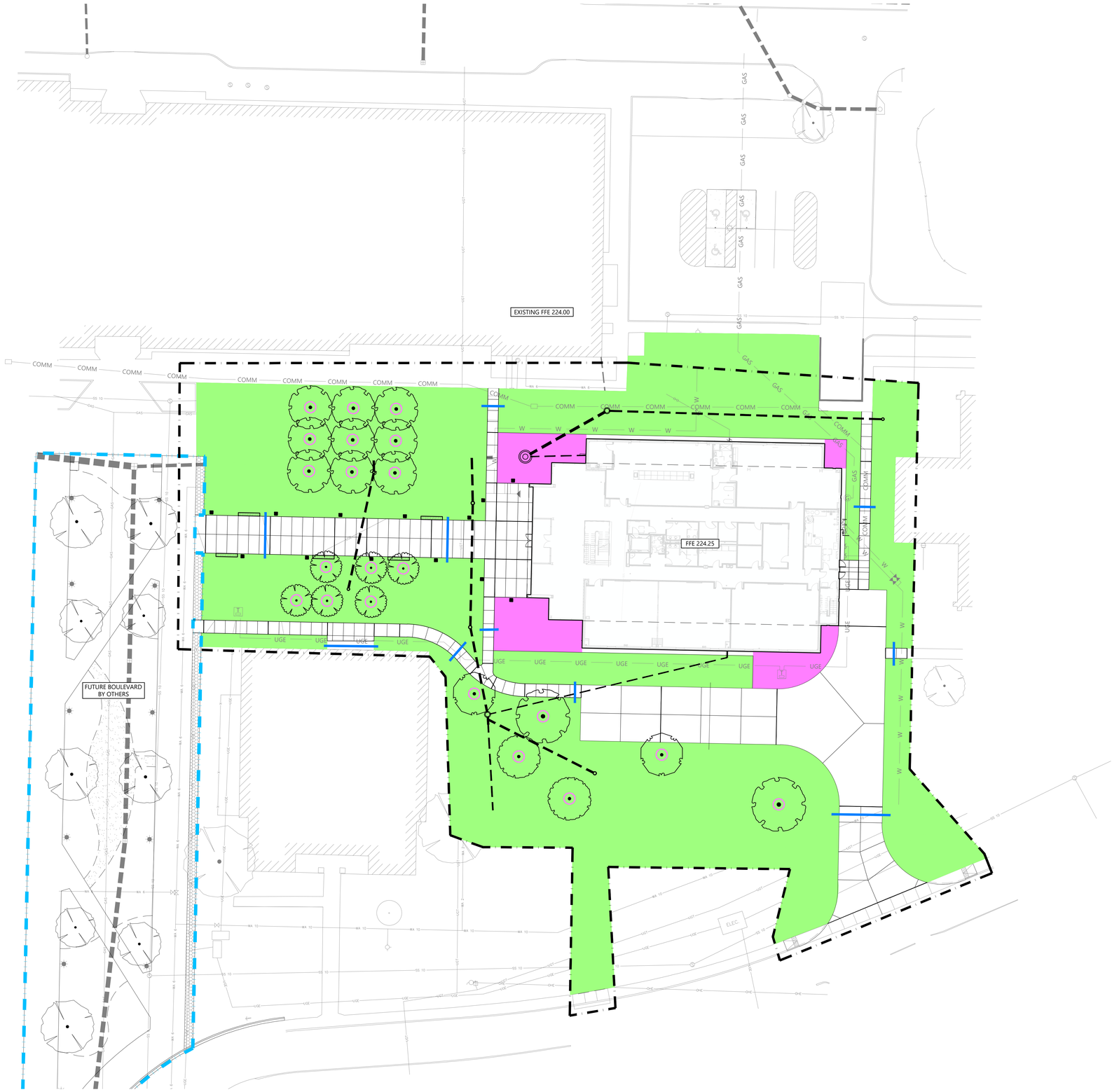
- POP-UP SPRAY HEAD IRRIGATION
- DRIP IRRIGATION
- TREE DRIP RING
- 4" SLEEVES

IRRIGATION GENERAL NOTES:

1. THE IRRIGATION CONTRACTOR SHALL PROVIDE A FULLY OPERATIONAL CONVENTIONAL IRRIGATION SYSTEM. THE IRRIGATION CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL. ALL PLANTING AREAS SHALL RECEIVE DRIP IRRIGATION, TREES SHALL RECEIVE TREE DRIP RINGS, AND SOD AREAS SHALL RECEIVE TURF / POP SPRAY HEADS. 100% HEAD TO HEAD COVERAGE SHALL BE ACHIEVED.
2. BIO-RETENTION AREAS, PLANTING BEDS, SOD AREAS, SHALL BE ZONED SEPARATELY .
3. IRRIGATION CONTRACTOR SHALL INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S CURRENT SPECIFICATIONS AND RECOMMENDATIONS.
4. CONTRACTOR SHALL CAREFULLY VERIFY A MINIMUM RESIDUAL WATER PRESSURE OF 70 PSI @ 60 GPM. CONTRACTOR SHALL NOTIFY THE OWNER IF WATER PRESSURE IS LESS THAN NOTED.
5. WHEN TRENCHING UNDER THE DRIPLINE OF EXISTING TREES EXTREME CARE MUST BE GIVEN TO AVOID ROOT DAMAGE. IF AT ALL POSSIBLE AVOID TRENCHING INSIDE THE DRIPLINE BY GOING AROUND THE TREE RATHER THAN UNDER IT. INSTALL PIPING AND SPRINKLERS ON THE INSIDE OF NEW CURBLINES IF POSSIBLE. IF TRENCHING MUST OCCUR UNDER THE DRIPLINE, USE EITHER TUNNELING OR HAND-DIGGING METHODS RATHER THAN A MECHANICAL TRENCHER. MINIMIZE THE IMPACT OF ROOT SEVERING BY AVOIDING CONSTRUCTION DURING HOT, DRY WEATHER, KEEPING TREES WELL WATERED BEFORE AND AFTER DIGGING AND COVERING ROOTS WITH SOIL OR MUCH AS SOON AS POSSIBLE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES CAUSED TO ALL UTILITIES (BOTH OVERHEAD AND BELOWGROUND) DURING THE IRRIGATION INSTALLATION. CONTRACTOR SHALL SEEK THE ASSISTANCE AT LOCAL UTILITIES AND THE OWNER IN THE LOCATION OF THE UTILITIES PRIOR TO PERFORMING TRENCHING OPERATIONS IN THE WORKING AREA.
7. WINTERIZATION SHALL BE DONE USING A COMBINATION OF MANUAL DRAIN VALVES IN THE LOW POINTS OF THE MAINLINE, AUTOMATIC DRAIN VALVES ON LATERAL LINE SAND WRAPPING BACKFLOW PREVENTER WITH HEAT TAPE INSIDE THE ENCLOSURE.
8. ALL PVC MAINLINE SHALL BE PCV SCH40. LATERAL LINES PVC CL200.
9. ALL PVC FITTINGS SHALL BE SCH40 PVC TYPE I AND MUST BE OF DOMESTIC MANUFACTURER. PVC SOLVENT CEMENT AND PRIMER SHALL BE AS RECOMMENDED / APPROVED BY THE MANUFACTURER OF THE PIPE.
10. CONTRACTOR SHALL INSTALL A TRACER WIRE ABOVE ALL MAINLINE PIPING. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
11. INSTALL SPRINKLERS WITH CHECK VALVE FEATURE TO AVOID LOW-HEAD DRAINAGE FROM SPRINKLERS AT LOWER ELEVATIONS. PROGRAM CONTROLLER WITH "CYCLE+SOAK" FEATURE AS REQUIRED TO ALLOW WATER TO INFILTRATE SOIL AND ELIMINATE RUN-OFF.
12. CONTRACTOR SHALL INCLUDE IN BASE BID WATER METER, BACKFLOW PREVENTOR / RPZ, CONTROLLER, AND CLIMATE SENSOR. COORDINATE EXACT LOCATIONS OF WATER METER, BACKFLOW PREVENTER / RPZ, CONTROLLER, AND CLIMATE SENSOR WITH THE LANDSCAPE ARCHITECT AND GENERAL CONTRACTOR.

SLEEVING NOTES:

1. THE GENERAL CONTRACTOR SHALL PROVIDE SCH40 PVC SLEEVING, BURIED AT A MINIMUM OF 18" AND MAXIMUM OF 24" DEPTH.
2. UPON COMPLETION OF SITE FILLING AND COMPACTION OPERATIONS, AND PRIOR TO THE CONSTRUCTION OF FOUNDATIONS, ROADWAYS, WALKS OR OTHER PAVEMENTS OR OBSTRUCTIONS, THE GENERAL CONTRACTOR SHALL INSTALL SLEEVES IN SUFFICIENT SIZES TO ACCOMMODATE FUTURE IRRIGATION PIPING AND/OR CONTROL WIRING. ENDS OF SLEEVES SHALL EXTEND 18 INCHES PAST THE EDGES OF AL PAVING OR CONSTRUCTION. THE ENDS OF THE SLEEVES SHALL BE CLEARLY MARKED FOR FUTURE USE BY THE IRRIGATION CONTRACTOR.



1 LANDSCAPE IRRIGATION PLAN

SCALE: 1" = 20'-0"

NORTH

0' 20' 40' 80'

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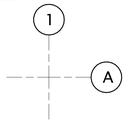
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ABBREVIATIONS

@	AT	FL,FLR	FLOOR; FLOORING	PNL	PANEL
℄	CENTERLINE	FLAM	FLAMMABLE	PNT	POINT
℘	PROPERTY LINE	FLUOR	FLUORESCENT	POLY	POLYISOCYANURATE
∅	DIAMETER	FO	FIBER OPTIC	PR	PAIR
#	POUND OR NUMBER	FOB	FACE OF BRICK	PRCST	PRECAST
(E)	EXISTING	FOC	FACE OF CONCRETE	PS	PROJECTION SCREEN
(N)	NEW	FOIC	FURNISHED BY OWNER - INSTALLED BY CONTRACTOR	PSF	POUNDS PER SQUARE FOOT
				PSI	POUNDS PER SQUARE INCH
ACC	ALLOY-COATED COPPER	FOM	FACE OF MASONRY	PT	PRESSURE TREATED
ACCES	ACCESSIBLE	FOS	FACE OF STUDS	PTD	PAINTED
ACOUS	ACOUSTICAL	FP	FILLER PANEL, FIRE PROTECTION	PTN	PARTITION
ALUM	ALUMINUM	FRT	FIRE RETARDANT	PVC	POLYVINYL CHLORIDE
AHU	AIR HANDLING UNIT	FS	FLOOR SINK\		
AP	ACOUSTIC PANELS	FSACCP	FLAT SEAM ALLOY-COPPER COATED	QT	QUARRY TILE
APPROX	APPROXIMATE	FT	FOOT, FEET, FULL TIME	QTY	QUANTITY
ARCH	ARCHITECTURAL	FTG	FOOTING		
ASPH	ASPHALT	FURR	FURRING	R	RISER, RADIUS
ASSM	ASSEMBLY			RA	RETURN AIR
AUTO	AUTOMATIC	GA	GAUGE	RAD	RADIUS
		GALV	GALVANIZED	RB	RUBBER BASE, RUBBER
BD	BOARD	GC	GENERAL CONTRACTOR	RD	ROOF DRAIN
BIO	BIOLOGY	GL	GLASS	REF	REFERENCE
BITUM	BITUMINOUS	GLAM	GLUE-LAMINATED	REFG	REFRIGERATOR, ANT, ATION)
BL	BORROWED LIGHT	GR	GRANITE	REINF	REINFORCED
BLDG	BUILDING	GWB	GYPSUM WALL BOARD	REQD	REQUIRED
BLKG	BLOCKING	GYP	GYPSUM	RESIL	RESILIENT
BM	BEAM			REV	REVISION; REVISIONS; REVISED
BO	BOTTOM OF...			RH	RIGHT HAND
BOT	BOTTOM	HB	HOSE BIBB	RLE	RELOCATED EXISTING
BRCKT	BRACKET	HC	HOLLOW CORE	RM	ROOM
BRCKTS	BRACKETS	HDR	HEADER	RO	ROUGH OPENING
BRG	BEARING	HDW	HARDWARE	RTU	ROOF TOP UNIT
BRK	BRICK	HM	HOLLOW METAL		
BSMT	BASEMENT	HORIZ	HORIZONTAL	S	SOUTH
BUR	BUILT-UP-ROOFING	HP	HIGH POINT	S&R	SHELF & ROD
		HR	HOUR	SC	SPECIAL COATING, SOLID CORE
C	CONDUIT	HSS	HALLOW STEEL SECTION	SCHED	SCHEDULE
CAB	CABINET	HT	HEIGHT	SCI	SCIENCE
CAT	CATALOG	HTR	HEATER	SD	SMOKE DETECTOR
CB	CATCH BASIN	HVAC	HEATING/VENTILATING/AIR CONDITIONING	SECT	SECTION
CEM	CEMENT			SF	SQUARE FEET
CER	CERAMIC	HW	HOT WATER	SG	SAFETY GLASS
CFCI	CONTR FURNISH, CONTR INSTALL	HDWD	HARD WOOD	SHT	SHEET
CFL	COMPACT FLOURESCENT	HWR	HOT WATER RETURN	SHV	SHELF; SHELVING
CHEM	CHEMISTRY			SHR	SHOWER
CI	CAST IRON	ID	INSIDE DIAMETER	SHT	SHEET
CIPC	CAST-IN-PLACE CONCRETE	I.E.	THAT IS	SHTG	SHEATHING
CJ	CONTROL JOINT	IN	INCH	SIM	SIMILAR
CLG	CEILING	INCAN	INCANDESCENT	SLD	SEALED
CLK	CAULKING	INCL	INCLUDED	SOG	(CONCRETE) SLAB ON GRADE
CLL	CONTRACT LIMIT LINE	INSTR	INSTRUCTIONAL	SP	SUMP PUMP
CLOS,CLST	CLOSET	INSUL	INSULAT(E, D, ION)	SPEC	SPECIFICATION
CLR	CLEAR(ANCE)	INT	INTERIOR	SQ	SQUARE
CMU	CONCRETE MASONRY UNIT	INV	INVERT	SST	STAINLESS STEEL
CNTR	COUNTER			ST	STORM SEWER, STONE, STAIN
CO	CLEAN OUT	JB	JUNCTION BOX	STD	STANDARD
COL	COLUMN	JC	JANITOR'S CLST	STL	STEEL
COM	COMMUNICATIONS	JF	JOINT FILLER	STOR	STORAGE
CONC	CONCRETE	JT	JOINT	STRUCT	STRUCTURAL
COND	CONDENSA\TE, ER, ING, ATION)	JTS	JOINTS	SUSP	SUSPENDED
CONN	CONNECTION			SYS	SYSTEMS
CONST	CONSTRUCTION	KIT	KITCHEN		
CONT	CONTINUI\OUS, ATION)	KO	KNOCKOUT	T	TREAD
CONTR	CONTRACTOR	KS	KNEE SPACE, KICK SPACE	T/	TOP OF
COORD	COORDINATE			T/C	TOP OF CURB
CORR	CORRIDOR	L	LENGTH, LONG (STUCT ANGLE REF STRUCT)	T/F	TOP OF FRAME
CPT	CARPET; CARPETED	LAB	LABORATORY	T&B	TOP & BOTTOM
CRS	COLD ROLLED STEEL	LAM	LAMINATE(D)	T&G	TONGUE AND GROOVE
CT	CERAMIC TILE	LAV	LAVATORY	TB	TACK BOARD
CTR	CENTER	LBS	POUNDS	TC	TRASH CARTON, TERNE COATED
CUST	CUSTOM	LF	LINEAR FOOT (FEET)	TEL	TELEPHONE
CU FT	CUBIC FEET	LH	LEFT HAND	TEMP	TEMPERATURE
CW	COLD WATER	LIN	LINEN	TER	TERRAZZO
CWR	CHILLED WATER RETURN	LL	LIVE LOAD	TG	TEMPERED GLASS\
CYL	CYLINDER	LLH	LONG LEG HORIZONTAL	THD	THREAD(ED)
		LLV	LONG LEG VERTICAL	THK	THICK(NESS)
DBL	DOUBLE	LOC	LOCATION	THR	THRESHOLD
DEMO	DEMOLITION	LMF	LIGHT GAGE METAL FRAMING	TLT	TOILET
DET	DETAIL	LP	LOW POINT	TO	TOP OF...
DIA	DIAMETER	LT	LIGHT	TOB	TOP OF BEAM
DIM	DIMENSION			TOC	TOP OF CONCRETE; CURB
DL	DEAD LOAD	MAS	MASONRY	TOF	TOP OF FLOOR, FOOTING; FRAME
DN	DOWN	MATL	MATERIAL	TOM	TOP OF MASONRY
DR	DOOR	MAX	MAXIMUM	TOPO	TOPOGRAPHY
DR OPNG	DOOR OPENING	MB	MARKER BOARD, MACHINE BOLT	TOS	TOP OF SLAB; STEEL
DRWR	DRAWER	MC	MC CHENNEL (REF STRUC DRWG)	TOW	TOP OF WALL
DS	DOWNSPOUT	MC	MEDICINE CABINET	TSTAT	THERMOSTAT
DSP	DRY STANDPIPE	MDF	MEDIUM DENSITY FIBERBOARD	TV	TELEVISION
DT	DRAIN TILE	MDO	MEDIUM DENSITY OVERLAY	TYP	TYPICAL
DW	DISHWASHER	MECH	MECHANICAL		
DWG	DRAWING	MEMB	MEMBRANE	UC	UNDERCUT
		MEZZ	MEZZANINE	UG	UNDERGROUND
E	EAST	MFR	MANUFACTURER	UH	UNIT HEATER
EA	EACH	MIN	MINIMUM	UL	UNDERWRITERS LABORATORIES
EF	EXHAUST FAN	MIR	MIRROR	UNFIN	UNFINISHED
EHD	ELECTRIC HAND DRYER	MISC	MISCELLANEOUS	UNO	UNLESS OTHERWISE NOTED
EIFS	EXT INSUL & FIN SYSTEM	MTD	MOUNTED	UPS	UNINTERRUPTABLE PWR SUPPLY
EJ	EXPANSION JOINT	MTL	METAL	UTIL	UTILITY
EL	ELEVATION	MUL	MULLION		
ELEC	ELECTRICAL			VAR	VARIES
ELEV	ELEVATOR OR ELEVATION	N	NORTH	VB	VINYL BASE
ENCL	ENCLOS(E, SURE)	N/A	NOT APPLICABLE	VCT	VINYL COMPOSITION TILE
EP	ELEC PNL BD	NIC	NOT IN CONTRACT	VEN	VENEER
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	NO	NUMBER	VERT	VERTICAL
EPX	EPOXY FLOORING	NOM	NOMINAL	VEST	VESTIBULE
EQ	EQUAL	NTS	NOT TO SCALE	VG	VERTICAL GRAIN
EQUIP	EQUIPMENT			VIF	VERIFY IN FIELD
EST	ESTIMATE	OA	OVERALL	VIN	VINYL
ETR	EXIST TO REMAIN	OC	ON CENTER	VT	VAPOR TIGHT
ETRL	EXIST TO BE RELOCATED	OD	OUTSIDE DIAMETER	VTR	VENT THROUGH ROOF
EW	EACH WAY		OVERFLOW DRAIN	VWC	VINYL WALL COVERING
EWC	ELECTRIC WATER COOLER	OFCI	OWNER FURNISHED, CONTRACTOR INSTALL		
EXH	EXHAUST	OFF	OFFICE	W/D	WAHSER/DRYER
EXIST	EXISTING	OFOI	OWNER FURNISHED, OWNER INSTALL	W/	WITH
EXP	EXPAN (DED, SION)	OH	OVERHEAD	W/O	WITHOUT
EXP BT	EXPANSION BOLT	OPG	OPENING	W	WIDE, WIDTH, WEST, WATER,
EXPO	EXPOSED	OPP	OPPOSITE	WC	WATER CLOSET
EXT	EXTERIOR	OSB	ORIENTED STRAND BOARD	WD	WOOD
		OZ	OUNCE	WH	WALL HYDRANT
FA	FIRE ALARM			WL	WATER LINE
FAI	FRESH AIR INTAKE	PB	PULLBOX	WLD	WELDED
FAB	FABRIC	PCC	PRECAST CONCRETE	WP	WATERPROO / WORKING PT
FB	FOILBACKED	PD	PRESSURE DROP	WPM	WATERPROOF MEMBRANE
FD	FLOOR DRAIN	PERF	PERFORATED	WSCT	WAINSCOT
FDN	FOUNDATION	PERP	PERPENDICULAR	WT	WEIGHT
FE	FIRE EXTINGUISHER	PH	PHASE	WTR	WATER
FEC	FIRE EXTINGUISHER CABINET	PIL	PILASTER	WWF	WELDED WIRE FABRIC
FF	FINISH FLOOR	PL	PLATE	WWM	WELDED WIRE MESH
FH	FIRE HYDRANT	PLAM	PLASTIC LAMINATE		
FHC	FIRE HOSE CABINET	PLAS	PLASTER		
FIN	FINISH(ED)	PLMB	PLUMBING		
FLASH	FLASHING	PLYWD	PLYWOOD		

SYMBOLS LEGEND

1. GRID LINE REFERENCE



2. FLR PLAN ROOM TAG



3. DOOR TAG



4. WINDOW / SKYLIGHT REFERENCE



5. ELEVATION / DATUM REFERENCE



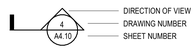
6. EXTERIOR ELEVATION



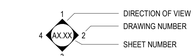
7. BUILDING SECTION



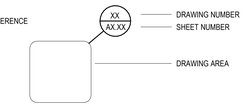
8. WALL SECTION



9. INTERIOR ELEVATION



10. DETAIL REFERENCE



11. ASSEMBLY REFERENCE



12. NORTH SYMBOL



13. REVISION REFERENCE



REFERENCE CONSTRUCTION MEMO ISSUING REVISION.
ONLY MOST RECENT REVISION SHOWN CLOUDED.
REFERENCE FOR PREVIOUS REVISIONS REMAIN.
DATE OF REVISIONS INDICATED AT RIGHT MARGINS.

MATERIALS LEGEND

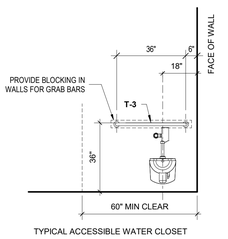
WOOD BLOCKING SHIM	WOOD FRAMING (CONTINUOUS)
FINISHED WOOD	PLYWOOD
BATT INSULATION	RIGID INSULATION
MINERAL INSULATION	FOAMED IN PLACE INSULATION
GRAVEL	EARTH
STEEL	ALUMINUM
CMU	BRICK
STONE	CONCRETE

GENERAL NOTES

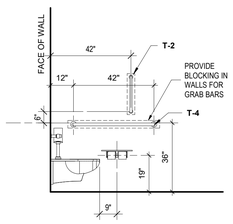
1. CODES: ALL WORK SHALL CONFORM APPLICABLE LAND USE AND BUILDING CODES AS AMENDED BY AUTHORITIES HAVING JURISDICTION.
2. DO NOT SCALE DIMENSIONS FROM DRAWINGS. USE CALCULATED DIMENSIONS ONLY. NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS EXIST.
3. CONTRACTOR SHALL VERIFY ALL CONDITIONS PRIOR TO INITIATING THE WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
4. VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT. PROVIDE ALL BUCK-OUT, BLOCKING, BACKING, AND JACKS REQUIRED FOR INSTALLATIONS.
5. WALL DIMENSIONS ARE TAKEN TO THE TOP OR RIGHT FACE OF STUD FOR NEW PARTITIONS & TO THE NEAREST FINISH FACE OF EXISTING PARTITIONS.

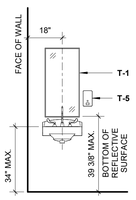
PROJECT NOTES FOR GENERAL AND SUB CONTRACTORS

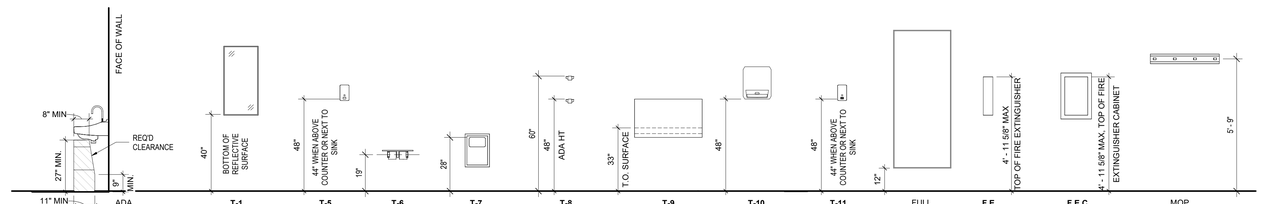
1. CONSTRUCTION DOCUMENTS REFERENCE ALL DRAWINGS INCLUDED HEREIN AND SPECIFICATIONS. CONTRACTORS AND SUBCONTRACTORS MUST REVIEW ALL PORTIONS OF THE CONSTRUCTION DOCUMENTS IN PREPARING THEIR BIDS.
2. EACH CONTRACTOR AND/OR SUBCONTRACTOR SHALL COORDINATE HIS OWN WORK WITH OTHER TRADES. GENERAL CONTRACTOR IS RESPONSIBLE FOR OVERALL COORDINATION.
3. WHEN RECEIVING BIDS, THE GENERAL CONTRACTOR SHALL ENSURE THAT THEIR SUBCONTRACTORS ARE BIDDING A FULL SCOPE OF WORK. THE GENERAL CONTRACTOR SHALL SECURE WRITTEN QUALIFICATIONS AS MAY BE REQUIRED FOR EVIDENT AMBIGUITIES, DISCREPANCIES OR OMISSIONS WHERE A FUNCTIONAL AND COMPLETE SYSTEM CANNOT BE PROVIDED AS IS THE INTENT.
4. IF EVIDENT AMBIGUITIES OR DISCREPANCIES EXIST IN THE CONTRACT DOCUMENTS, THE GENERAL CONTRACTOR AND/OR SUBCONTRACTOR SHALL INCLUDE AND DOCUMENT IN THEIR BID THE MORE EXPENSIVE METHOD OF WORK, UNLESS CLARIFICATION IS ISSUED BY ADDENDA.
5. DISCREPANCIES AND OMISSIONS IN DRAWINGS AND SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND OWNER'S REPRESENTATIVE IN WRITING FOR CLARIFICATION.
6. MECHANICAL, PLUMBING, ELECTRICAL & FIRE PROTECTION DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE ENGINEERING DRAWINGS TO LOCATE WORK WITHOUT FIRST CONSULTING THE ARCHITECT. IT IS THE INTENT TO LOCATE VISIBLE WORK CENTERED, ALIGNED OR SPACED AS INDICATED - WHERE THE DRAWINGS DEPICT SUCH RELATIONSHIPS.
7. ALL WORK IS NEW UNLESS NOTED OTHERWISE. USE ONLY NEW MATERIAL AND EQUIPMENT WITHOUT DEFECTS.
8. SET ALL WORK STRAIGHT, PLUMB AND LEVEL OR WITH INDICATED SLOPE.
9. CONTRACTORS SHALL VERIFY THAT ALL FIELD CONDITIONS AND DIMENSIONS ARE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
10. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
11. ANY VARIATIONS FROM CONDITIONS SHOWN ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT'S REPRESENTATIVE. AFFECTED WORK SHALL NOT PROCEED UNTIL CLARIFICATION HAS BEEN RECEIVED.
12. LARGE SCALE DETAILS HAVE PRECEDENCE, HOWEVER, WORK INDICATED IN SMALL SCALE DRAWINGS SHALL NOT BE OMITTED. SIMILARLY, NOTES TAKE PRECEDENCE OVER SCHEDULES, PIPING AND WIRE DIAGRAMS. HOWEVER, WORK SHOWN OR DESCRIBED BY OTHER METHODS SHALL NOT BE OMITTED. ALL CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
13. APPROVED SHOP DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
14. ALL WORK IS TO CONFORM TO ALL CODES HAVING JURISDICTION: THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
15. ISSUES THAT CAN NOT BE RESOLVED WITHOUT CHANGING DIMENSIONS OF SPACES, CEILING HEIGHTS, ETC. SHALL BE REVIEWED WITH ARCHITECT FOR APPROVAL PRIOR TO PROCEEDING.
16. ALL CONTRACTORS AND/OR SUBCONTRACTORS ARE TO USE THE APPROVED STANDARDS: A.I.S.C., FEDERAL, US, ETC., STANDARDS OF THEIR TRADES. ALL CONSTRUCTION SHALL BE PERFORMED TO THESE STANDARDS.
17. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
18. ALL WOOD BLOCKING SHALL BE FIRE TREATED, PROVIDE PARTITION BLOCKING FOR ALL EQUIPMENT, CASEWORK AND ACCESSORIES, AS SHOWN ON DRAWINGS AND AS SPECIFIED.
19. THE GENERAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS AS PER CONTRACT SPECIFICATIONS.
20. CUTTING AND PATCHING TO BE PERFORMED BY EACH TRADE OR AS OTHERWISE NOTED.
21. ALL WALLS ARE PARALLEL OR PERPENDICULAR WITH PRINCIPAL GRIDS UNLESS OTHERWISE NOTED.
22. DOOR OPENINGS SHALL BE 6" OFF ADJACENT WALL UNLESS OTHERWISE NOTED.

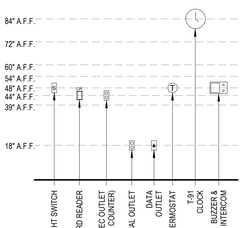


TYPICAL ACCESSIBLE WATER CLOSET









MOUNTING HEIGHT ACCESSORY/ADA LEGEND

SCALE: 3/8" = 1'-0"

VERIFY PRINT IN COLOR

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VERIFY SCALE
0 1"

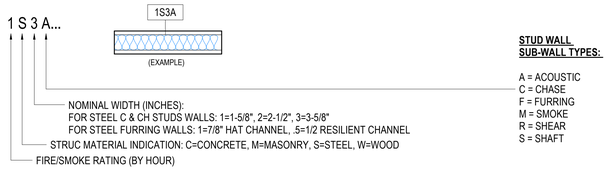
UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		
DATE:		08/31/2026
TITLE:		ARCHITECTURAL GENERAL NOTES

A001

PARTITION TAG LEGEND

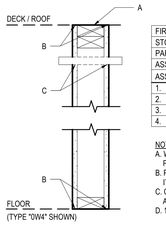


STUD WALL SUB-WALL TYPES:

A = ACOUSTIC
C = CHASE
F = FURRING
M = SMOKE
R = SHEAR
S = SHAFT

NOTE:
- PARTITION TAGS WITHOUT A SUBWALL TYPE DENOTE NON-ACOUSTIC PARTITIONS, UNLESS OTHERWISE NOTED.
- NON-ACOUSTIC IS SIMILAR TO ACOUSTIC, BUT WITHOUT SOUND ATTENUATION LAYER. SEE DETAILS BELOW.
- A SMOKE PARTITION REFERS TO A 20 MIN FIRE RATED WALL.
- SEE ALSO STRUCTURAL DRAWINGS FOR LOCATIONS AND DETAILS OF SHEAR WALLS.

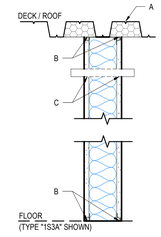
NOTE THE FOLLOWING:
- **EXTEND STUDS TO DECK -TYP.**
- **EXTEND SHEETROCK TO DECK AT WALLS WITH NO ADJACENT SUSPENDED CEILINGS.**
- **AT WALLS THAT ARE BOTH NON-RATED AND NON-ACOUSTIC WITH ADJACENT SUSPENDED CEILINGS, EXTEND SHEETROCK TO 6" ABOVE CEILING - TYP UNLESS NOTED OTHERWISE.**
- **EXTEND SHEETROCK TO DECK AT RATED WALLS & FIRE CAULK ALL PENETRATIONS ACCORDINGLY.**
- **EXTEND SHEETROCK TO DECK AT ACOUSTIC WALLS & CAULK ALL PENETRATIONS. DO NOT PLACE RECESSED DEVICES BACK TO BACK.**



FIRE RATING		--
STC RATING		--
PARTITION THICKNESS		--
ASSEMBLY (LEFT TO RIGHT)		
ASSM #	COMPONENT	DESCRIPTION
1.	GWB	5/8" (TYPE X WHEN RATED)
2.	STUD MATERIAL/SIZE	VARIES. 16" O.C. SPACING
3.	INSULATION	NONE
4.	GWB	5/8" (TYPE X WHEN RATED)

NOTE:
A. WALLS FASTENED TO STRUCTURE / ROOF ABOVE (DEFLECTION TYPE TRACK FOR STEEL STUDS). PROVIDE FOAM FILLER AT ALL DECKING FOR FULL ACOUSTIC SEAL WHERE NECESSARY.
B. PROVIDE CONTINUOUS BEAD OF CAULK ON GWB SIDE OF WALL AT TOP AND/OR BOTTOM WHERE IT TERMINATES AGAINST FLOOR, ROOF, STRUCTURE, ETC. WHEN VISIBLE.
C. CUT GWB TIGHT TO ALL PENETRATIONS - SEAL PERIMETER OF ALL PENETRATIONS WITH ACOUSTICAL CAULK ON GWB SIDE OF WALL (WHEN VISIBLE).
D. 1 LAYER OF TYPE X GWB EA SIDE FOR 1 HOUR, 2 LAYERS FOR 2 HOURS, & 3 LAYERS FOR 3 HOURS.

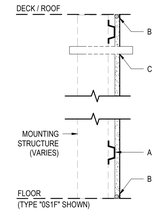
TYPE - NON ACOUSTIC STUD WALLS



FIRE RATING		--
STC RATING		--
PARTITION THICKNESS		--
ASSEMBLY (LEFT TO RIGHT)		
ASSM #	COMPONENT	DESCRIPTION
1.	GWB	5/8" (TYPE X WHEN RATED)
2.	STUD MATERIAL/SIZE	VARIES. 16" O.C. SPACING
3.	INSULATION	ACOUSTIC ATTENUATION
4.	GWB	5/8" (TYPE X WHEN RATED)

NOTE:
A. WALLS FASTENED TO STRUCTURE / ROOF ABOVE (DEFLECTION TYPE TRACK FOR STEEL STUDS). PROVIDE FOAM FILLER AT ALL DECKING FOR FULL ACOUSTIC SEAL WHERE NECESSARY.
B. PROVIDE CONTINUOUS BEAD OF ACOUSTICAL CAULK, AND FIRE CAULK AT RATED WALLS, ON GWB SIDE OF WALL AT TOP AND BOTTOM WHERE IT TERMINATES AGAINST FLOOR, ROOF, STRUCTURE, ETC.
C. CUT GWB TIGHT TO ALL PENETRATIONS - SEAL PERIMETER OF ALL PENETRATIONS WITH FIRE RATED CAULK ON EA SIDE OF WALL.
D. 1 LAYER OF TYPE X GWB EA SIDE FOR 1 HOUR, 2 LAYERS FOR 2 HOURS, & 3 LAYERS FOR 3 HOURS.

TYPE - ACOUSTIC STUD WALLS



FIRE RATING		--
STC RATING		--
PARTITION THICKNESS		--
ASSEMBLY (LEFT TO RIGHT)		
ASSM #	COMPONENT	DESCRIPTION
1.	GWB	5/8" (TYPE X WHEN RATED)
2.	CHANNEL MATERIAL/SIZE	VARIES. 16" O.C. SPACING
3.	GWB	5/8" (TYPE X WHEN RATED)
4.		

NOTE:
A. FASTENED FURRING WALL TO MOUNTING STRUCTURE.
B. PROVIDE CONTINUOUS BEAD OF ACOUSTICAL CAULK, AND FIRE CAULK AT RATED WALLS, ON GWB SIDE OF WALL AT TOP AND BOTTOM WHERE IT TERMINATES AGAINST FLOOR, ROOF, STRUCTURE, ETC.
C. CUT GWB TIGHT TO ALL PENETRATIONS - SEAL PERIMETER OF ALL PENETRATIONS WITH ACOUSTIC AND/OR FIRE RATED CAULK WHERE APPLICABLE.

TYPE - FURRING WALLS

FIRE RATING		--
STC RATING		--
PARTITION THICKNESS		--
ASSEMBLY (LEFT TO RIGHT)		
ASSM #	COMPONENT	DESCRIPTION
1.	STUD MATERIAL/SIZE	VARIES. 16" O.C. SPACING
2.	INSULATION	ACOUSTIC ATTENUATION (WHEN INDICATED)
3.	GWB	5/8" (TYPE X WHEN RATED)
4.		

NOTE:
A. WALLS FASTENED TO STRUCTURE / ROOF ABOVE (DEFLECTION TYPE TRACK FOR STEEL STUDS). PROVIDE FOAM FILLER AT ALL DECKING FOR FULL ACOUSTIC SEAL WHERE NECESSARY.
B. PROVIDE CONTINUOUS BEAD OF ACOUSTICAL AND/OR FIRE CAULK (AT RATED WALLS) ON GWB SIDE OF WALL AT TOP AND BOTTOM WHERE IT TERMINATES AGAINST FLOOR, ROOF, STRUCTURE, ETC.
C. CUT GWB TIGHT TO ALL PENETRATIONS - SEAL PERIMETER OF ALL PENETRATIONS WITH ACOUSTICAL CAULK AND/OR FIRE CAULK AT ACOUSTIC AND/OR RATED WALLS AT GWB.
D. WHEN USED IN COMBINATION WITH A MIRRORED CHASE WALL: 1 LAYER OF TYPE X GWB EA SIDE FOR 1 HOUR, 2 LAYERS FOR 2 HOURS, & 3 LAYERS FOR 3 HOURS.

TYPE - CHASE STUD WALLS

WALL PROPERTIES: RATED, SHAFT, & ACOUSTICAL

FIRE RATING		UL U415 SYSTEM A
STC RATING		--
PARTITION THICKNESS		--
ASSEMBLY (LEFT TO RIGHT)		
ASSM #	COMPONENT	DESCRIPTION
1.	LINER PANEL	USG 1" LINER PANEL
2.	METAL STUD SIZE(S)	CH STUD; SIZE VARIES; MIN 20 GA; 24" O.C.
3.	INSULATION	SOUND ATTENUATION
4.	GWB	5/8" FIRECODE GYPSUM PANEL
5.		

NOTE:
A. WALLS FASTENED TO STRUCTURE / ROOF ABOVE (DEFLECTION TYPE TRACK FOR STEEL STUDS). PROVIDE FOAM FILLER AT ALL DECKING FOR FULL ACOUSTIC SEAL WHERE NECESSARY.
B. PROVIDE CONTINUOUS BEAD OF ACOUSTICAL CAULK, AND FIRE CAULK AT RATED WALLS, ON GWB SIDE OF WALL AT TOP AND BOTTOM WHERE IT TERMINATES AGAINST FLOOR, ROOF, STRUCTURE, ETC. TYP.
C. CUT GWB TIGHT TO ALL PENETRATIONS - SEAL PERIMETER OF ALL PENETRATIONS WITH FIRE RATED CAULK ON EA SIDE OF WALL.
D. ALUM BREAK-AWAY CLIP MIN 20 GA 24" O.C. ATTACH TO EA CH STUD. ONLY FOR WOOD FLOOR CONSTRUCTION.
E. MIN 20 GA J-RUNNER
F. SHAFTWALLS BREAK ABOVE/BELOW CONCRETE FLOORS W/ RUNNER TRACKS.

TYPE - SHAFTWALLS

PARTITION TYPE GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL ASSEMBLY INFORMATION WITH UNDERWRITERS LABORATORIES, GYPSUM ASSOCIATION, OR OTHER ORGANIZATIONS LISTED IN THE ASSEMBLIES ABOVE. TO ENSURE PROPER FIRE RATINGS ARE MAINTAINED.

2. WHERE STC (SOUND TRANSMISSION CLASS) RATINGS ARE INDICATED, SOUND-RATED WALL CONSTRUCTION SHALL INCLUDE THE FOLLOWING :

   A. CONTINUOUS FLEXIBLE ACOUSTICAL SEALANT AT THE BOTTOM EDGE OF WALLBOARD PANELS.

   B. CONTINUOUS FLEXIBLE ACOUSTICAL SEALANT OR JOINT TAPE AND MUD AT WALL INTERSECTIONS. C.) CONTINUOUS FLEXIBLE ACOUSTICAL SEALANT BETWEEN WALLBOARD AND DISSIMILAR MATERIALS, SUCH AS DOOR OR WINDOW FRAMES.

   C. CONTINUOUS FLEXIBLE ACOUSTICAL SEALANT OR FIRE-CAULK SEALANT (AS REQUIRED BY THE ASSEMBLY LISTING) AT THE TOP EDGE OF THE WALLBOARD WHERE THE JOINT IS CONCEALED, OR PROVIDE WALLBOARD TAPE AND MUD WHERE THE TOP JOINT IS EXPOSED TO VIEW.

   D. FLEXIBLE ACOUSTICAL SEALANT OR FIRE-CAULK (AS REQUIRED BY THE ASSEMBLY LISTING) AT ALL FULL OR PARTIAL WALL PENETRATIONS AND AROUND OPENINGS, FLUSH-MOUNTED ACCESSORIES, FIRE EXTINGUISHER CABINETS, ELECTRICAL BOXES, ETC. LINE ALL RECESSES FOR BUILT-IN DEVICES SUCH AS FIRE EXTINGUISHER CABINETS, TOILET ACCESSORIES, ETC. WITH WALLBOARD. SEAL ALL JOINTS.

   E. COVER ALL KNOCK-OUT PLUGS AND SCREW HOLES IN FLUSH-MOUNTED ELECTRICAL BOXES WITH A MINIMUM 1/16 INCH THICK LAYER OF ACOUSTICAL SEALANT. APPLY TAPE OVER MISSING KNOCK-OUT PLUGS AND COVER WITH MINIMUM 1/8 INCH THICK LAYER OF ACOUSTICAL SEALANT.

   F. SOUND-RATED WALLS SHALL BE SEALED AIRTIGHT AT THE PERIMETER AND AT ALL PARTIAL AND THROUGH-PENETRATIONS.

3. EXTEND SOUND-RATED WALLS THROUGH SUSPENDED CEILINGS AND SEAL THE JOINT AT THE STRUCTURE ABOVE. SEAL ALL PENETRATIONS ABOVE THE SUSPENDED CEILINGS.

4. GYPSUM WALLBOARD AND ACOUSTICAL INSULATION IN SOUND-RATED PARTITIONS SHOULD NOT BE INTERRUPTED AT THE INTERSECTIONS WITH NON-SOUND RATED PARTITIONS. FRAMING AND WALLBOARD OF NON-SOUND RATED CONSTRUCTION SHOULD ABUT THE CONTINUOUS WALLBOARD OF THE SOUND-RATED WALL.

5. REFER TO THE GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL GA-600 - LATEST EDITION, SECTION III SOUND CONTROL AND TO FIGURE 12 FOR ADDITIONAL DETAILS. FOLLOW GYPSUM ASSOCIATION RECOMMENDATIONS FOR EFFECTIVE SOUND ISOLATION CONSTRUCTION.

6. WHERE FIRE-RESISTANT ASSEMBLIES ARE INDICATED, REFER TO THE REFERENCED FIRE-TESTED ASSEMBLY AND PROVIDE THE MATERIALS, BRAND NAMES, PRODUCTS, AND CONSTRUCTION METHODS SPECIFIED THEREIN.

7. AT ALL FIRE-RESISTIVE WALLS AND SMOKE BARRIER CONSTRUCTION WHERE A PORTION OF THE CONSTRUCTION IS CONCEALED ABOVE SUSPENDED CEILINGS, STENCIL A NOTE IN 2 INCH HIGH RED LETTERS (OR APPROVED EQUAL) FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS. NO POINT ALONG THE LENGTH OF THE RATED WALL SHOULD BE MORE THAN 8 FEET FROM A STENCILED NOTE. CONFIRM THE NOTE LANGUAGE AND SPACING REQUIREMENTS WITH THE AUTHORITY HAVING JURISDICTION BEFORE APPLICATION.

8. WHERE FLUSH-MOUNTED ELECTRICAL OUTLET BOXES (16 SQUARE INCHES OR LESS) ARE INDICATED LESS THAN 24 INCHES APART ON OPPOSITE SIDES OF FIRE-RESISTIVE CONSTRUCTION, PROVIDE AS NEEDED, FIRE-RETARDANT PUTTY PADS TO WRAP THE ELECTRICAL BOXES. PUTTY PADS WILL BE PROVIDED TO COMPLY WITH THE BUILDING CODE AND TO CONFORM WITH THE REQUIREMENTS OF THE FIRE-TESTED WALL ASSEMBLY, AND WILL BE UL CLASSIFIED "WALL OPENING PROTECTIVE MATERIAL".

9. WHERE RECESSED DEVICES ARE INDICATED IN FIRE-RESISTIVE GYPSUM WALLBOARD CONSTRUCTION, PROVIDE LAYERS OF GYPSUM WALLBOARD BETWEEN THE FRAMING, INSIDE THE RECESS - TOP, BOTTOM, BACK, AND SIDES, AS REQUIRED TO MAINTAIN THE FIRE RESISTANCE RATING INDICATED. EXAMPLES OF RECESSED DEVICES INCLUDED ARE TOILET ACCESSORIES, FIRE EXTINGUISHER CABINETS, FIRE HOSE CABINETS, BATH FANS, RECESSED LIGHTS, ETC., UNLESS A RATED FIXTURE IS BEING PROVIDED TO MAINTAIN THE RATING OF THE ASSEMBLY.

10. EXTERIOR WALL CONSTRUCTION - ALL PENETRATIONS OF WALL MEMBRANE SHALL BE SEALED. PENETRATIONS THROUGH THE INTERIOR SIDE OF EXTERIOR WALLS SHALL BE SEALED AIR-TIGHT TO PREVENT AIR INFILTRATION. EXAMPLE - ELECTRICAL BOX FOR SWITCH OR OUTLET. PENETRATIONS THROUGH THE EXTERIOR SIDE OF EXTERIOR WALLS SHALL BE SEALED WATER-TIGHT. EXAMPLE - HOSE BIB, CONDUIT, OR PIPE.

11. PIPE AND VALVE PENETRATIONS OF WALLBOARD AT BATHTUBS AND SHOWERS SHALL BE SEALED USING SILICONE SEALANT WITH MILDEW-RESISTANT PROPERTIES, SUCH AS GENERAL ELECTRIC CO. "SCS 1701", OR DOW CORNING 786.

12. STUD SPACING TO BE 16" O.C. U.N.O. THE PROJECT MANDATORY MAXIMUM ALLOWABLE DEFLECTION DESIGN CRITERIA RATIO IS L/240 USING STUDS @ 16" O.C. WHERE "BRITTLE" FINISHES WILL BE APPLIED SUCH AS PLASTER OR CERAMIC TILE, MAX. ALLOWABLE DEFLECTION CRITERIA RATIO IS L/360.

13. WHEN EVER A FIRE RATED PARTITION IS INDICATED ALL ELEMENTS OF THE COMPLETE ASSEMBLY MUST BE CONSTRUCTION IN STRICT COMPLIANCE WITH THE UNDERWRITERS LABORATORY AND OTHER TESTING AGENCY REQUIREMENTS.

14. PARTITION TYPES SHOWN RATED SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LISTED TESTING AGENCY (UL = UNDERWRITERS LABORATORY, GA = GYPSUM ASSOCIATION). ALL OTHER PARTITIONS SHALL BE CONSTRUCTED PER THE SPECIFICATIONS OR GENERALLY ACCEPTED CONSTRUCTION PRACTICES.

15. PROVIDE CEMENT BACKER BOARD AS THE WALL SUBSTRATE FOR TILE IN WET CONDITIONS. IF THE BACKER BOARD IS BEING SUBSTITUTED FOR ONE OF THE GYPSUM BOARD LAYERS, IT MUST HAVE APPROVED FIRE RATING CERTIFICATION. SEE ALSO SPECIFICATIONS FOR "RED GUARD" TYPE WATERPROOFING COATINGS ON BACKER BOARD BEHIND TILE AT WET LOCATIONS.

16. THE STC RATINGS LISTED ARE TO SERVE AS A GENERAL INDICATOR FOR THE ACOUSTICAL PERFORMANCE OF THAT PARTITION, HOWEVER, SPECIFIC PROJECT CONDITIONS MAY NOT NECESSARILY YIELD THE LABORATORY TESTED RESULTS.

17. CONTRACTOR TO PROVIDE APPROPRIATE RATING OF ALL PENETRATIONS (PIPES, CONDUITS, DUCT WORK, ETC.) IN ACCORDANCE WITH UL APPROVED SYSTEMS.

18. PARTITION TYPES NOTED ON PLAN SHALL BE CONTINUOUS TO CORNER, EXTERIOR WALL OR INTERSECTING PARTITIONS UNLESS OTHERWISE NOTED.

19. WALLS AT WET LOCATIONS WHICH ARE NOT RECEIVING TILE SHALL HAVE MOISTURE RESISTANT GYP. BOARD FOR 4'-0" EACH SIDE AND ABOVE WET LOCATION.

20. LUMBER FOR LOAD BEARING STUDS MAY BE #2 SPRUCE PINE FIR REFER TO STRUCTURAL GENERAL NOTES.

21. FRAME ALL CEILING SOFFITS (FURR-DOWNS) PRIOR TO INSTALLING GYP. BOARD.

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0 1"

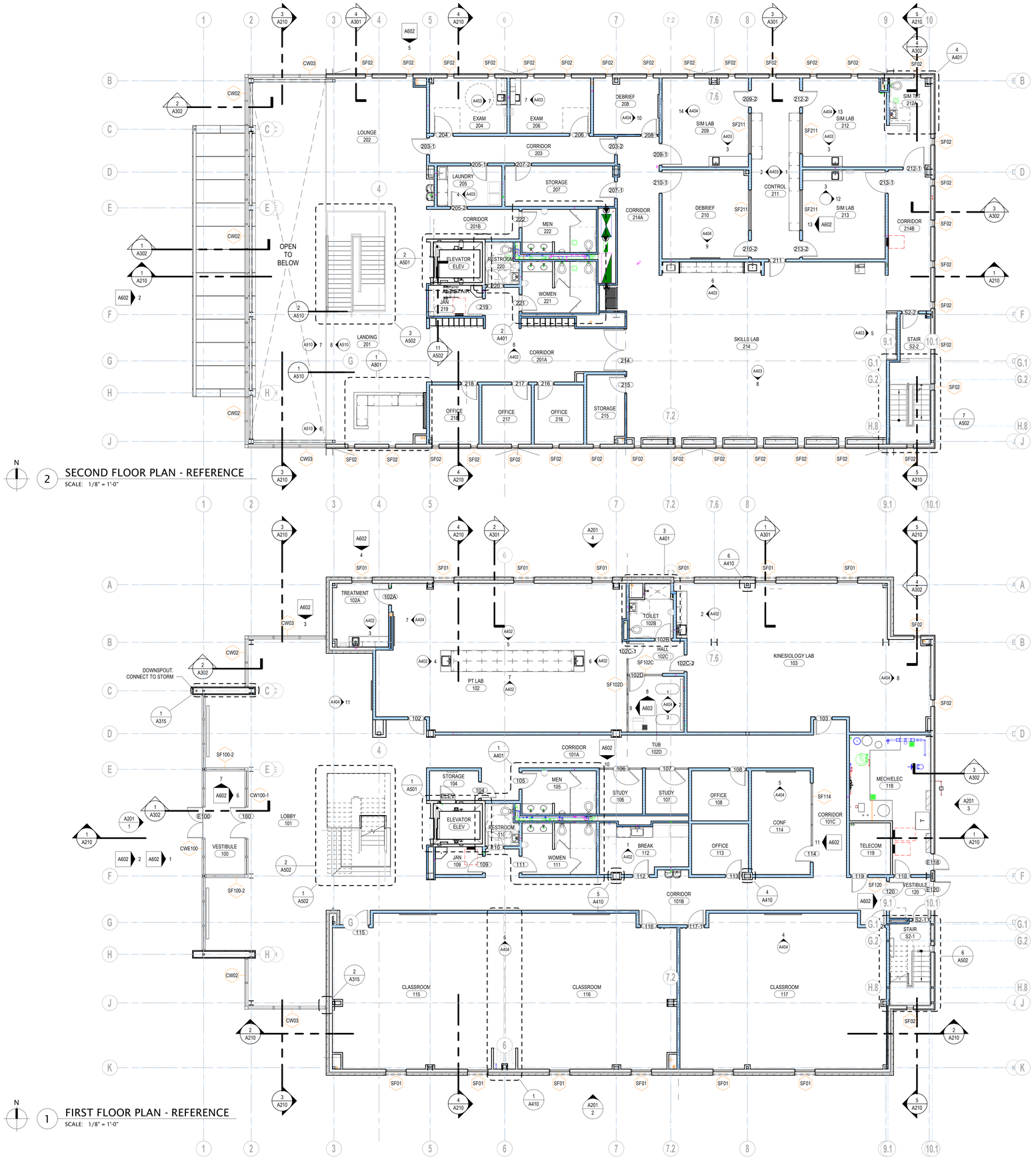
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#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

TITLE: PARTITION TYPES

A002



N

2 SECOND FLOOR PLAN - REFERENCE

SCALE: 1/8" = 1'-0"

N

1 FIRST FLOOR PLAN - REFERENCE

SCALE: 1/8" = 1'-0"

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#	DATE	DESCRIPTION
REVISIONS HISTORY		
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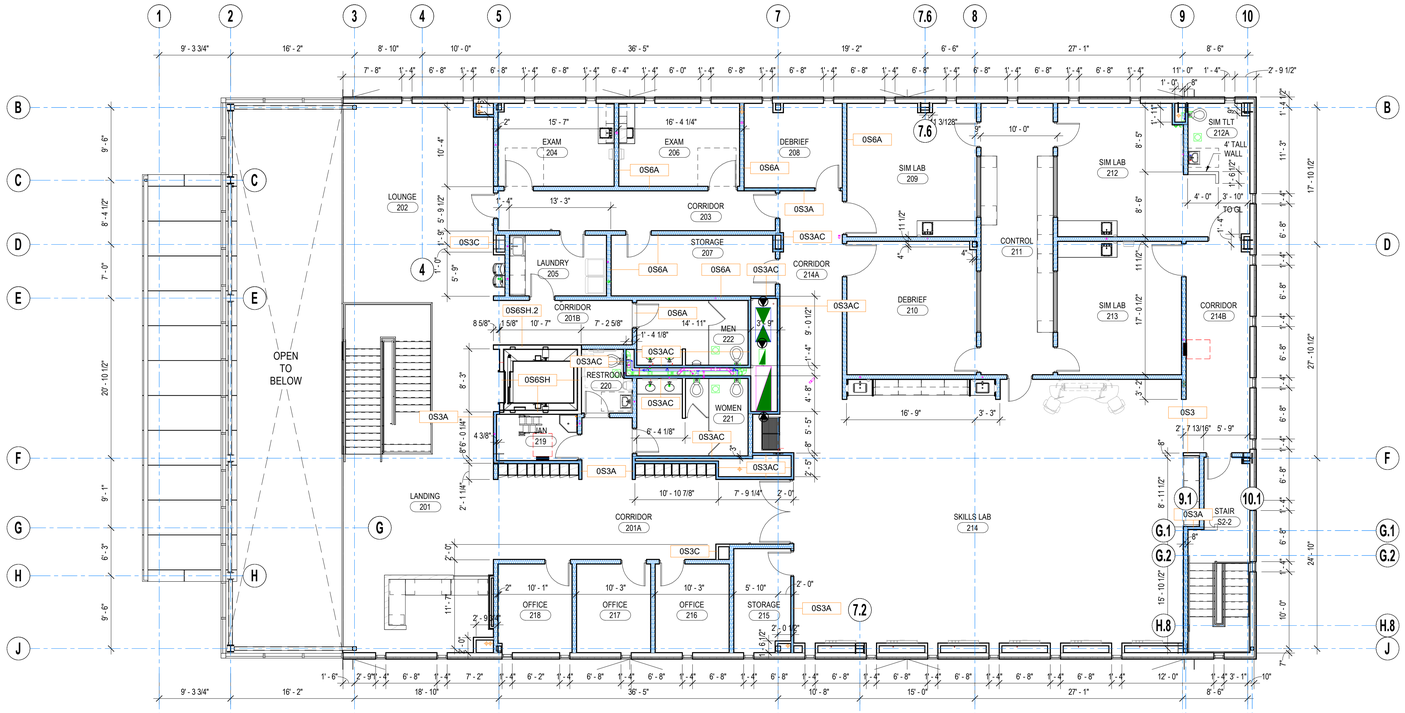
DATE: 08/31/2026

TITLE: FLOOR PLANS - REFERENCE

A101-01

FLOOR PLAN GENERAL NOTES:

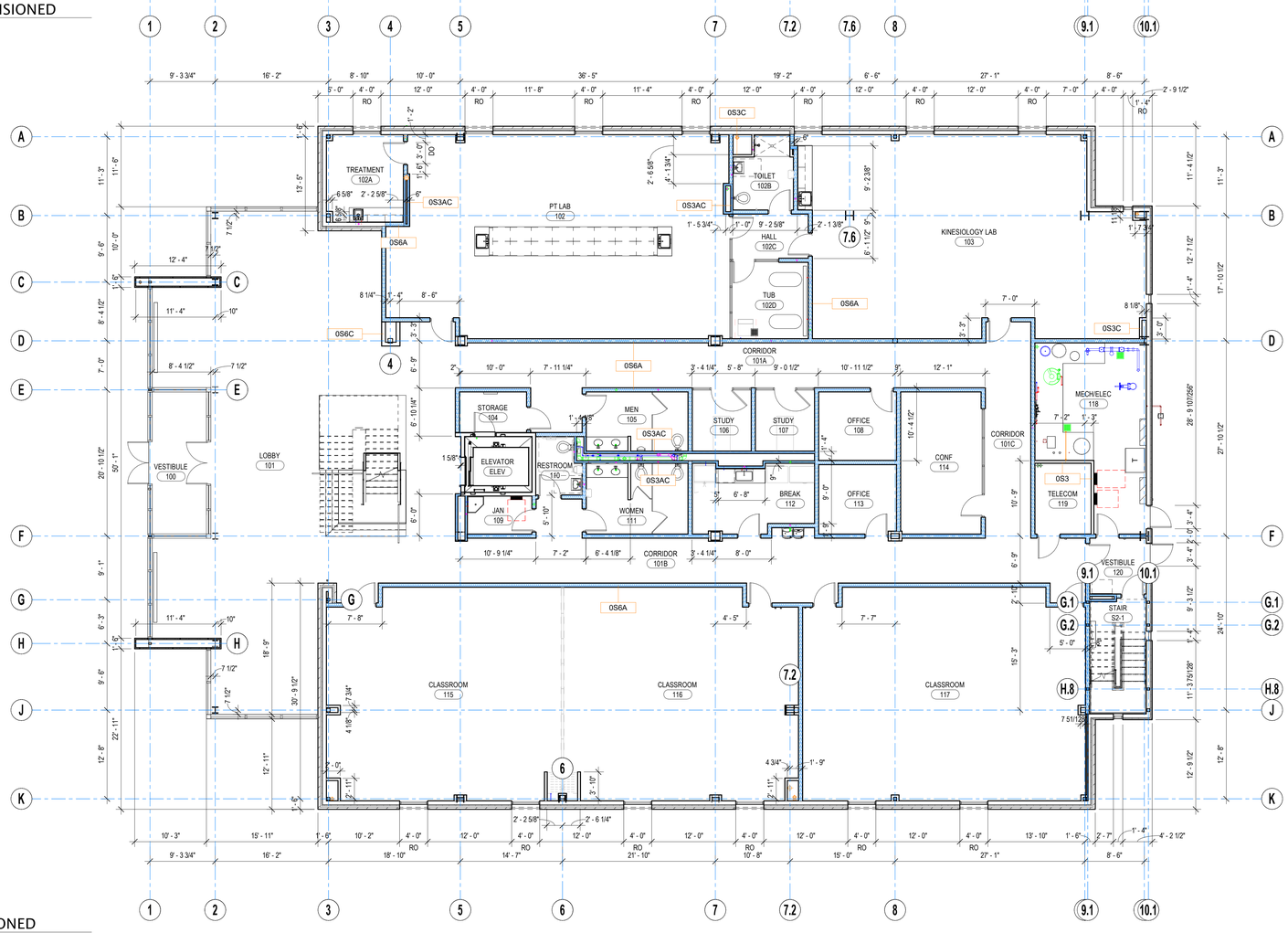
1. EXTERIOR DIMENSIONS ARE TAKEN FROM FACE OF BRICK OR FACE OF STUD UNLESS OTHERWISE NOTED.
2. INTERIOR DIMENSIONS ARE ALWAYS TAKEN FROM THE FACE OF STUD UNLESS OTHERWISE NOTED.
3. PARTITION DIMENSIONS ARE ALWAYS TAKEN FROM THE TOP OR RIGHT FACE OF INTERIOR STUDS UNLESS OTHERWISE NOTED, AND NEAREST STUD FACE AT EXTERIOR WALLS. THIS INCLUDES THE TOP OR RIGHT-MOST STUD IN DOUBLE-STUD PARTITION TYPES.
4. DIMENSIONS ARE ALWAYS TAKEN FROM DOOR AND WINDOW OPENINGS (INDICATED BY D.O. OR R.O.); VERIFY ROUGH OPENING SIZE WITH DOOR FRAME AND WINDOW SPECIFICATIONS.
5. INTERIOR DOORS ARE CENTERED IN WALL UNLESS OTHERWISE DIMENSIONED. DIMENSIONS ARE TAKEN FROM DOOR OPENING; VERIFY FRAME SIZE WITH MANUFACTURER.
6. **TYPICAL INTERIOR PARTITIONS ARE WALL TYPE 0S6A U.N.O.**
   A. NON-RATED, 6" METAL STUD W/ ACOUSTIC BAT.
7. **TYPICAL INTERIOR PARTITIONS FOR COLUMN FUR OUTS ARE 3-5/8" METAL STUDS U.N.O. REFER TO PLANS FOR INCLUSION OF ACOUSTIC BAT.**



N

2 SECOND FLOOR PLAN - DIMENSIONED

SCALE: 1/8" = 1'-0"



N

1 FIRST FLOOR PLAN - DIMENSIONED

SCALE: 1/8" = 1'-0"

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#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

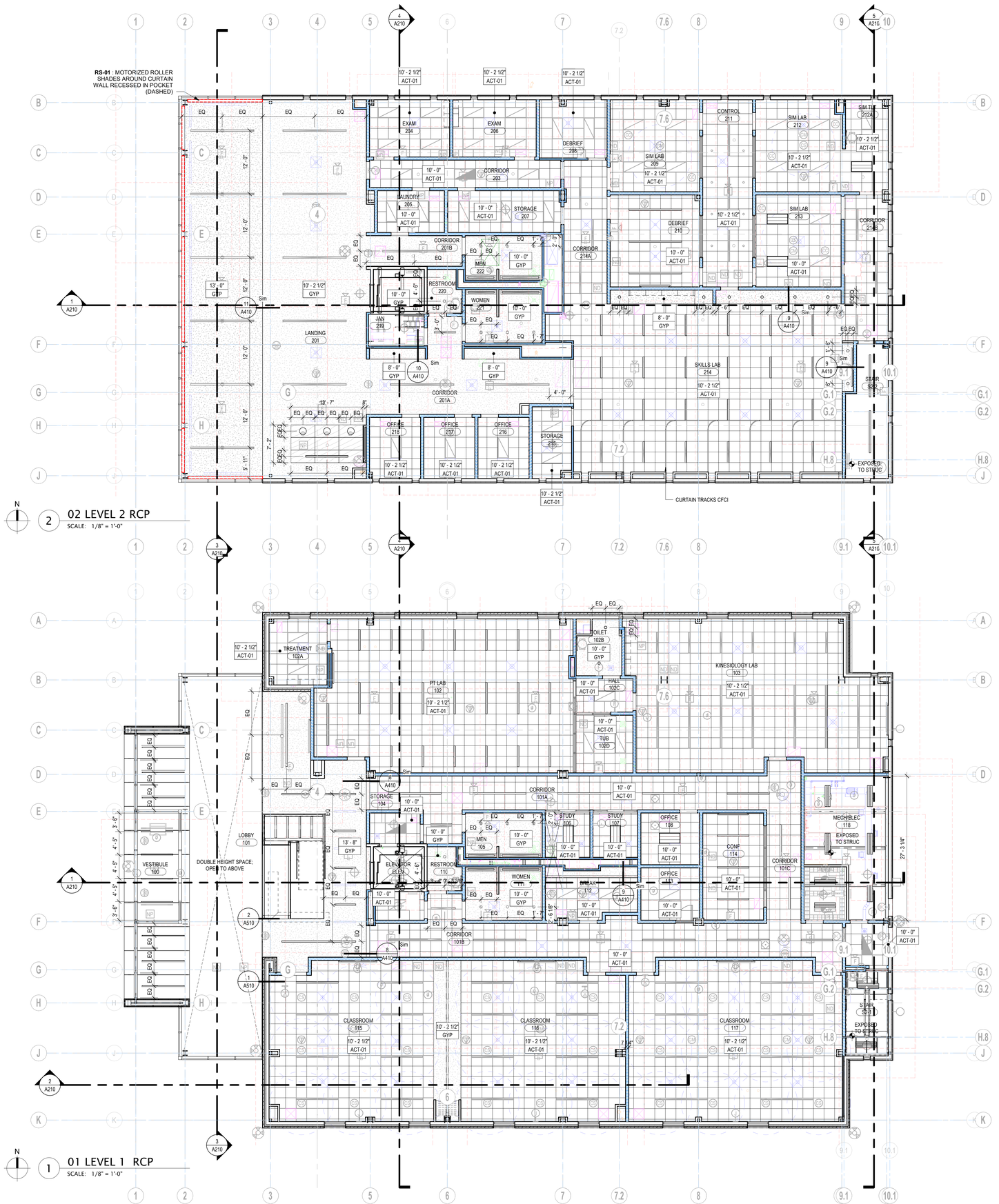
DATE: 08/31/2026

TITLE: FLOOR PLANS - DIMENSIONS

A101-02

RCP SYMBOL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING LOCATION
	2 X 4 TROFFER LIGHT	CEILING MOUNTED
	6" DIA RECESSED CAN LIGHT	CEILING MOUNTED
	4' LINEAR RECESSED FIXTURE 6' LINEAR RECESSED FIXTURE 8' LINEAR RECESSED FIXTURE 10' LINEAR RECESSED FIXTURE 12' LINEAR RECESSED FIXTURE 14' LINEAR RECESSED FIXTURE	CEILING MOUNTED
	12' LINEAR SUSPENDED FIXTURE	CEILING MOUNTED
	72" STRIP DOWNLIGHT 96" STRIP DOWNLIGHT	CEILING MOUNTED
	DECORATIVE PENDANT LIGHT	CEILING MOUNTED
	DECORATIVE PENDANT LIGHT	CEILING MOUNTED
	2 X 2 LAY-IN CEILING SYSTEM; **ACT-01**	
	GYPSUM BOARD CEILING	

GENERAL NOTES:
- REFER TO ELECTRICAL DRAWINGS FOR FIXTURE SCHEDULE; TYPES INDICATED HERE ARE FOR LOCATION REFERENCE ONLY.
- AREAS LABELED "EXPOSED TO STRUCTURE" ARE TO RECEIVE PAINT, UNLESS OTHERWISE NOTED



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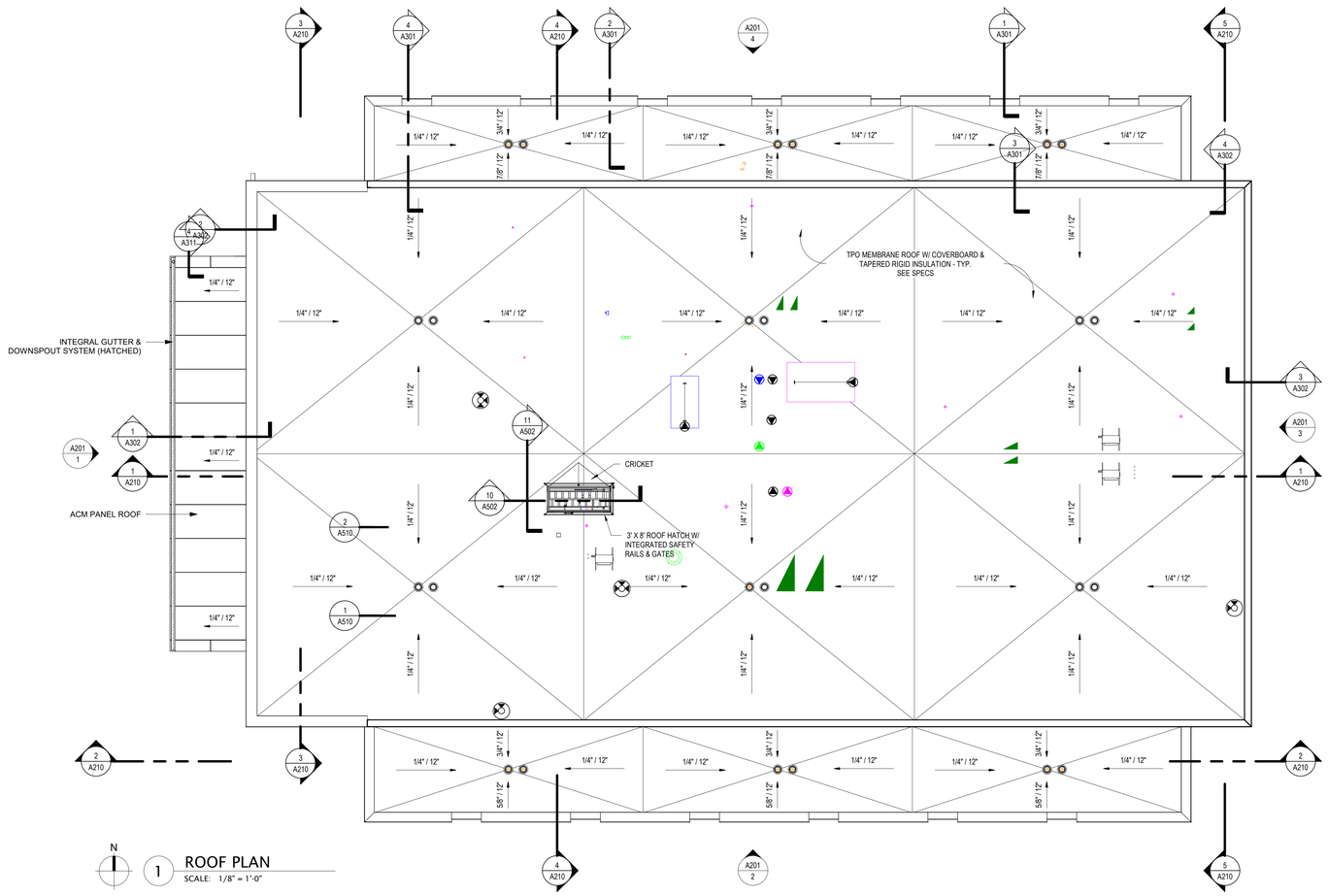
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#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

TITLE: REFLECTED CEILING PLANS

A101-03

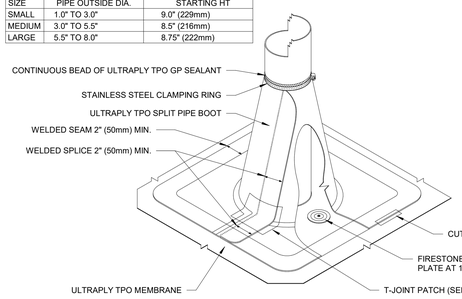


N

1 ROOF PLAN
SCALE: 1/8" = 1'-0"

NOTE: ALTERNATIVE ROOF PENETRATION SYSTEM/METHOD MAY BE APPROVED UPON SUBMITTAL & REVIEW.

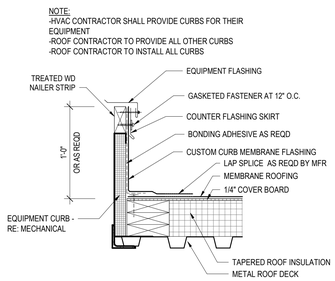
SIZE TABLE		
SIZE	PIPE OUTSIDE DIA.	STARTING HT
SMALL	1.0" TO 3.0"	9.0" (229mm)
MEDIUM	3.0" TO 5.5"	8.5" (216mm)
LARGE	5.5" TO 8.0"	8.75" (222mm)



NOTES:
1. REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
2. REMOVE ALL EXISTING FLASHINGS, LEADS, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
3. PIPE MUST BE ANCHORED TO ENSURE STABILITY.
4. NO WRINKLES OR FOLDS UNDER CLAMPING RING.
5. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 160 DEG. F. REFER TO UT-P-6 & 7.
6. T-JOINT PATCH REQUIRED AT ALL VERITCAL TRANSITIONS ON NON-FACTORY WELDS.
7. FIRESTONE FASTNER AND HD SEAM PLATE REQUIRED FOR MAS ONLY. IF FASTENER CANNOT BE INSTALLED AS ILLUSTRATED, REFER TO DETAILS UT-P-15 & 16.
8. CUT EDGE SEALANT SHALL BE APPLIED TO ANY EDGES WHERE SCRIM REINFORCEMENT IS EXPOSED PER DETAIL UT-LS-14.
9. HEIGHT OF TPO SPLIT PIPE BOOT CAN BE REDUCED TO FIT LARGER DIAMETER PIPES. (REFER TO SIZE TABLE)

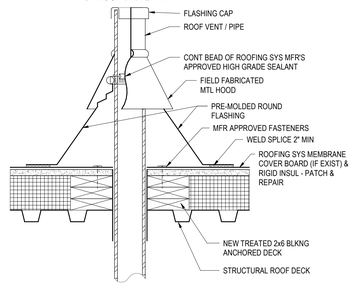
2 ROOF DETAIL - ROOF SLEEVE - TYP
SCALE: 3/8" = 1'-0"

NOTE:
-HVAC CONTRACTOR SHALL PROVIDE CURBS FOR THEIR EQUIPMENT
-ROOF CONTRACTOR TO PROVIDE ALL OTHER CURBS
-ROOF CONTRACTOR TO INSTALL ALL CURBS

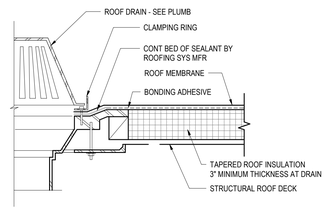


3 ROOF DETAIL - EQUIPMENT CURB DETAIL 1
SCALE: 1 1/2" = 1'-0"

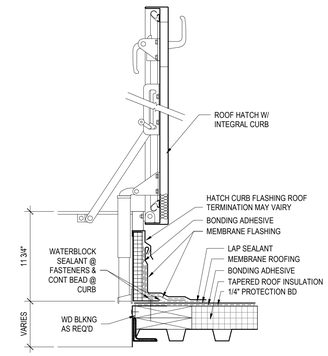
VENT DETAIL INSTALLATION UNLESS OTHERWISE REQUIRED / AS ALLOWED BY ROOF SYSTEM MFR



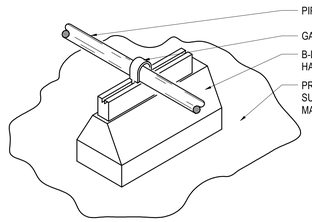
4 ROOF DETAIL - VENT1
SCALE: 1 1/2" = 1'-0"



5 ROOF DETAIL - ROOF DRAIN
SCALE: 1 1/2" = 1'-0"



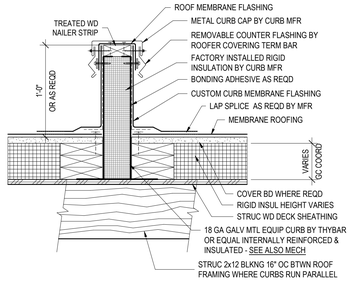
6 ROOF DETAIL - ROOF HATCH
SCALE: 1 1/2" = 1'-0"



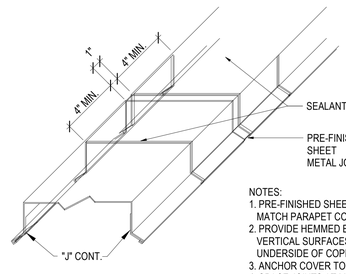
SPACING REQUIREMENTS	
PIPE DIA.	SPACING
1/2"	6'
3/4" OR 1"	8'
1¼" OR LARGER	10'

7 ROOF DETAIL - PIPE SUPPORT
SCALE: 1 1/2" = 1'-0"

NOTE:
-HVAC CONTRACTOR SHALL PROVIDE CURBS FOR THEIR EQUIPMENT
-ROOF CONTRACTOR TO PROVIDE ALL OTHER CURBS
-ROOF CONTRACTOR TO INSTALL ALL CURBS

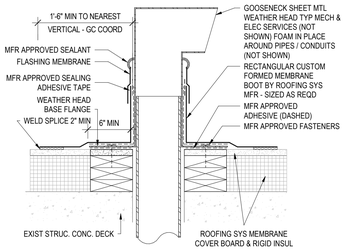


8 ROOF DETAIL - EQUIPMENT CURB DETAIL 2
SCALE: 1 1/2" = 1'-0"



NOTES:
1. PRE-FINISHED SHEET METAL JOINT COVER TO MATCH PARAPET COPING W/ "J" CONT.
2. PROVIDE HEMMED EDGES AT TOP AND VERTICAL SURFACES IN CONTACT W/ UNDERSIDE OF COPING
3. ANCHOR COVER TO TREATED WOOD BLOCKING
4. SPACE JOINTS AT MAX 10'-0" O.C.

9 ROOF DETAIL - COPING EXPANSION JOINT - ISOMETRIC
SCALE: 1 1/2" = 1'-0"



10 ROOF DETAIL - PENETRATION DETAIL1
SCALE: 1 1/2" = 1'-0"

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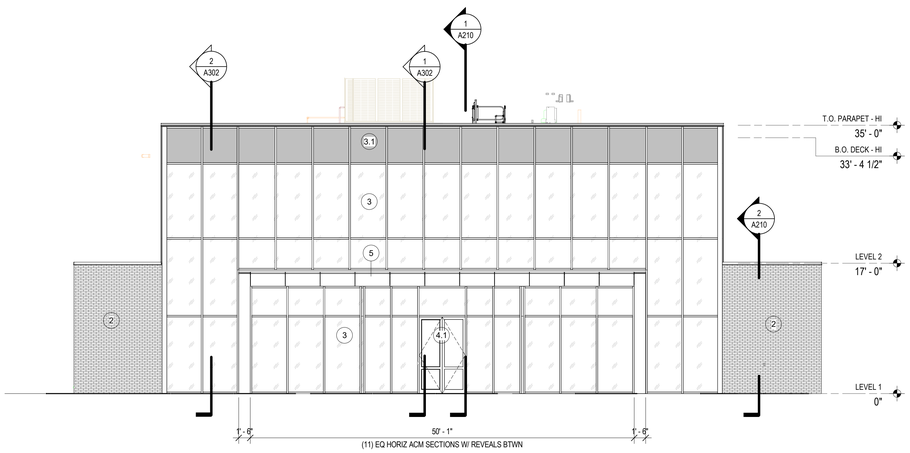
#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

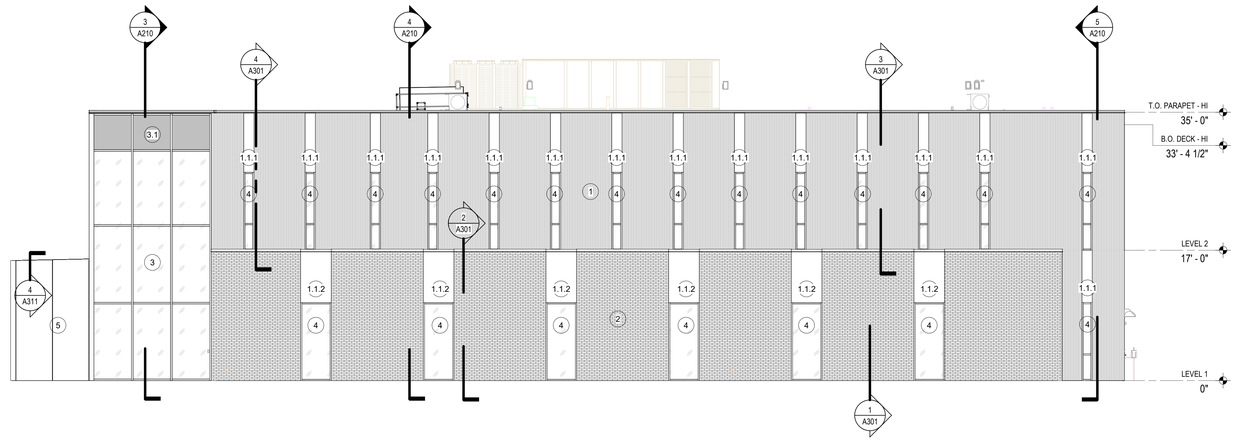
TITLE: ROOF PLAN

A102

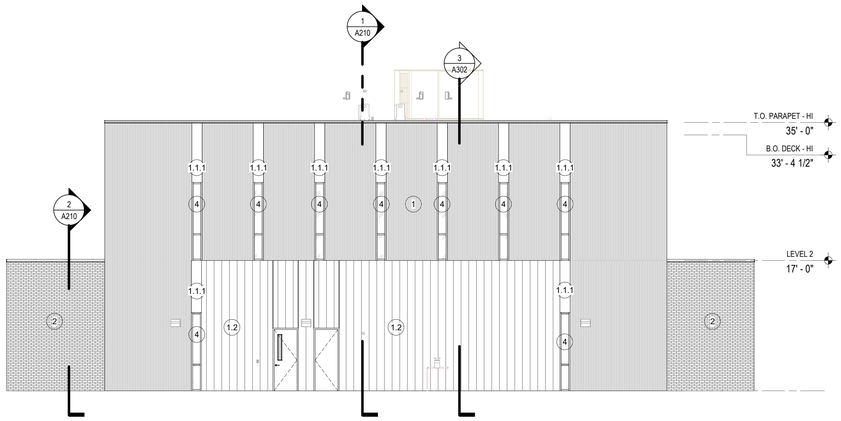
LEGEND - ELEVATION	
KEYNOTE #	DESCRIPTION
1	PREFINISHED BOX RIB METAL WALL PANEL
1.1.1	SMOOTH FIBER CEMENT PANEL PTD - COLOR 1
1.1.2	SMOOTH FIBER CEMENT PANEL PTD - COLOR 2
1.2	PREFINISHED FLUSH METAL PANEL - 12"
2	BRICK VENEER - MODULAR - RUNNING BOND
3	CURTAIN WALL 1" THK INSULATING VISION GLASS (UNLESS NOTED OTHERWISE).
3.1	1" THK INSULATING SPANDREL GLASS (WHERE SHADED)
4	PREFIN ALUM STOREFRONT 1" INSULATED VISION GLASS (UNLESS NOTED OTHERWISE)
4.1	STOREFRONT ENTRY DOOR(S) - SEE DOOR SCHEDULE
5	ACM PANELING - DRY SYSTEM



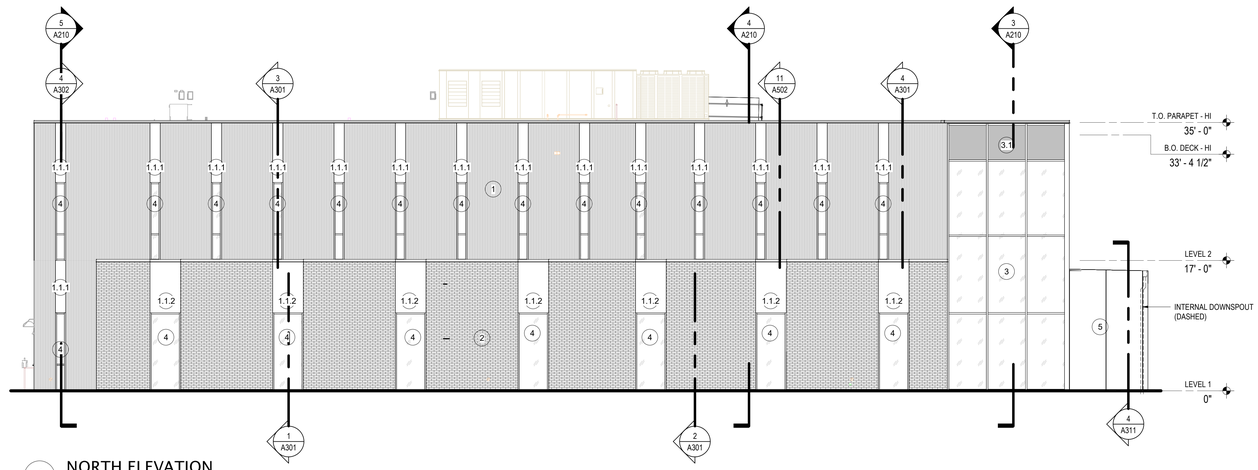
1 WEST ELEVATION
SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



3 EAST ELEVATION
SCALE: 1/8" = 1'-0"



4 NORTH ELEVATION
SCALE: 1/8" = 1'-0"

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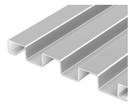
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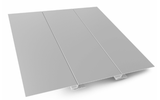
#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		
DATE:	08/31/2026	
TITLE:	EXTERIOR ELEVATIONS	

A201



MP-01 **METAL PANEL - BOX RIB 1 WALL PANEL SYSTEM**

MANUFACTURER:	PAC-CLAD - PETERSEN ALUMINUM
TYPE:	CONCEALED FASTENER
FASTENER:	AS REQUIRED BY MANUFACTURER
PROFILE:	BOX RIB 1 (VERTICAL APPLICATION)
GAUGE:	.040 ALUMINUM
COLOR:	WEATHERED ZINC OR AS SELECTED BY ARCHITECT
JOINTS:	RE: EXTERIOR DETAILS



MP-03 **METAL PANEL - FLUSH WALL PANEL SYSTEM**

MANUFACTURER:	PAC-CLAD - PETERSEN ALUMINUM
TYPE:	CONCEALED FASTENER
FASTENER:	AS REQUIRED BY MANUFACTURER
PROFILE:	FLUSH 12" PANEL (VERTICAL APPLICATION)
GAUGE:	.040 ALUMINUM
COLOR:	CUSTOM COLOR TO BE SELECTED
JOINTS:	RE: EXTERIOR DETAILS



BRK-01 **BRICK**

MANUFACTURER:	ACME SIERRA – VELOUR
SIZE:	MODULAR
COURSING:	RUNNING BOND
MORTAR TYPE:	TYPE N (TYPE S BELOW GRADE - COMPLY WITH ASTM C270)
MORTAR COLOR:	TO BE SELECTED BY ARCHITECT
HORIZONTAL JOINTS:	WEATHERED
VERTICAL JOINTS:	CONCAVE
MASONRY ANCHOR:	EVERY 16" MAX (VERTICAL), 24" MAX (HORIZONTAL)
WEEP HOLES:	CAVITY VENT PRODUCT EVERY 24: O.C. ("*PRODUCT TO MATCH MORTAR COLOR"*)



WP-01 **COMPOSITE PANEL SIDING**

MANUFACTURER:	JAMES HARDIE™ (AS BASIS OF DESIGN)
PROFILE:	HARDIE® PANEL SIDING
SIZE:	48" W x 96" L; .312" THICK; VERTICAL ORIENTATION; CUT LENGTH TO FIT OPENING; SEE DETAILS
FASTENER:	CONCEALED FASTENERS; AS REQUIRED BY MANUFACTURER
TYPE:	SMOOTH
COLOR:	PRIMED FOR PAINT; PAINT COLOR TO BE SELECTED BY ARCHITECT FROM FULL COLOR RANGE
TRIM:	PREFINISHED BRAKE METAL TRIM; CUSTOM RAL COLOR TO MATCH PANEL SIDING COLOR; SEE DETAILS



CONC-01 **CONCRETE**

TYPE:	SIDEWALKS & PADS
FINISH:	LIGHT BROOM FINISH
SCORING PATTERN:	AS INDICATED ON PLANS
COLOR:	NATURAL
JOINT:	COLOR TO BE SELECTED BY ARCHITECT FROM FULL RANGE



ACM-01 **ALUMINUM COMPOSITE PANEL**

MANUFACTURER:	EVO™ PANEL SYSTEM (AS BASIS OF DESIGN)
PROFILE:	
SIZE:	
FASTENER:	CONCEALED FASTENERS; AS REQUIRED BY MANUFACTURER
TYPE:	
COLOR:	PREFINISHED CUSTOM COLOR
TRIM:	

EXTERIOR FINISH LEGEND

SCALE: 12" = 1'-0"

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#	DATE	DESCRIPTION

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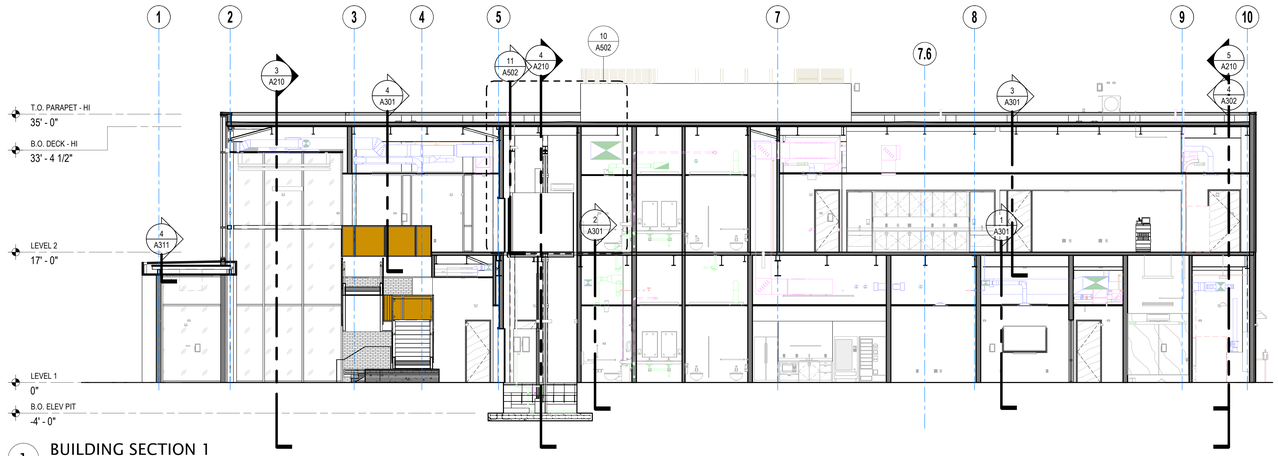
DATE: 08/31/2026

TITLE: EXTERIOR MATERIAL LEGEND

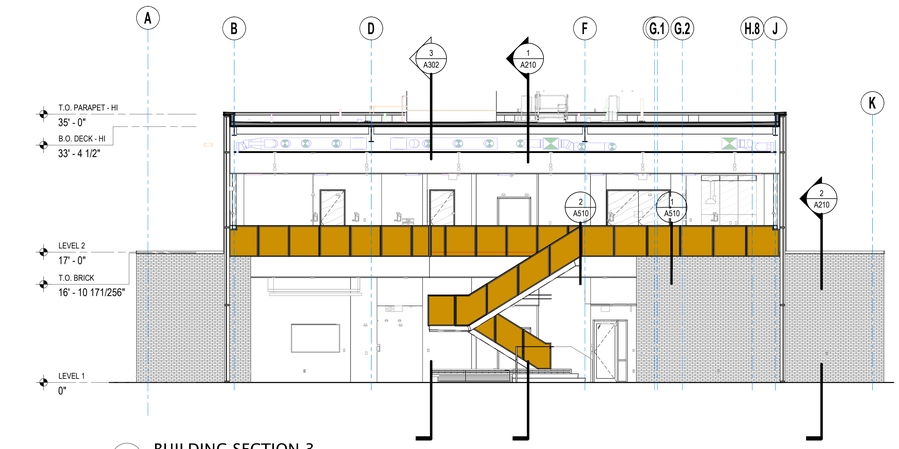
A220

LEGEND - ELEVATION

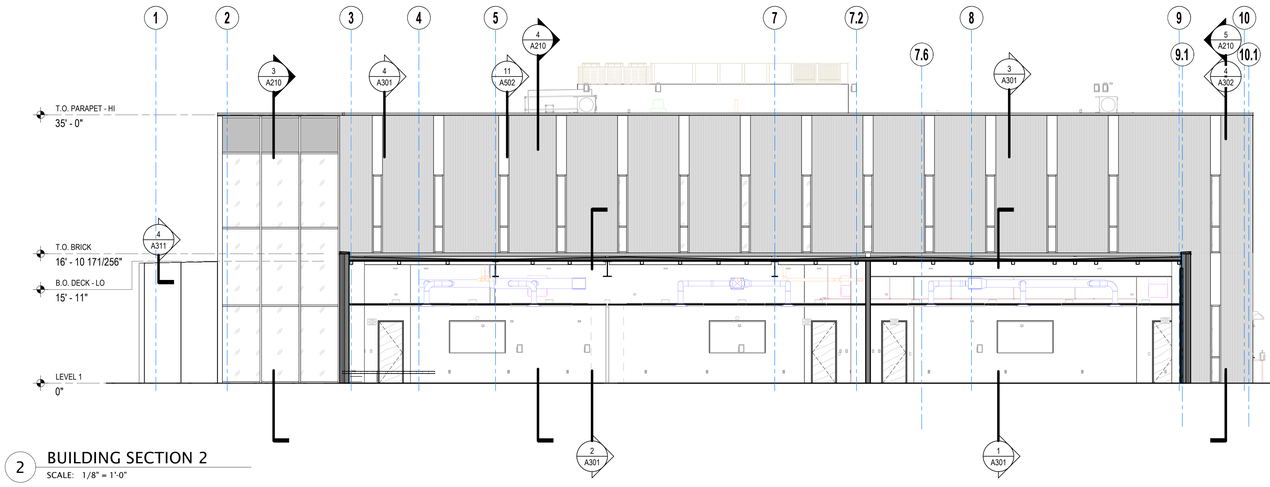
KEYNOTE #	DESCRIPTION
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1.1.1	SMOOTH FIBER CEMENT PANEL PTD - COLOR 1
1.1.2	SMOOTH FIBER CEMENT PANEL PTD - COLOR 2
1.2	PREFINISHED FLUSH METAL PANEL - 12"
2	BRICK VENEER - MODULAR - RUNNING BOND
3	CURTAIN WALL - 1" THK INSULATING VISION GLASS (UNLESS NOTED OTHERWISE).
3.1	1" THK INSULATING SPANDREL GLASS (WHERE SHADED)
4	PREFIN ALUM STOREFRONT. 1" INSULATED VISION GLASS (UNLESS NOTED OTHERWISE)
4.1	STOREFRONT ENTRY DOOR(S) - SEE DOOR SCHEDULE
5	ACM PANELING - DRY SYSTEM



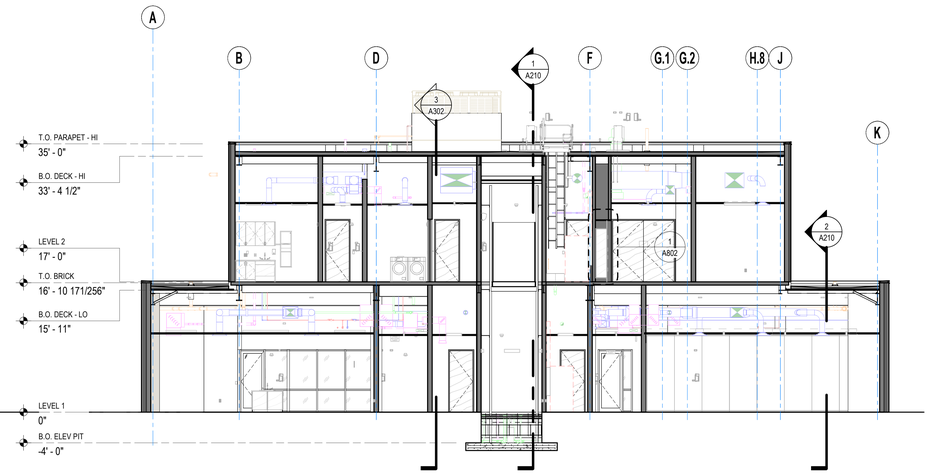
1 BUILDING SECTION 1
SCALE: 1/8" = 1'-0"



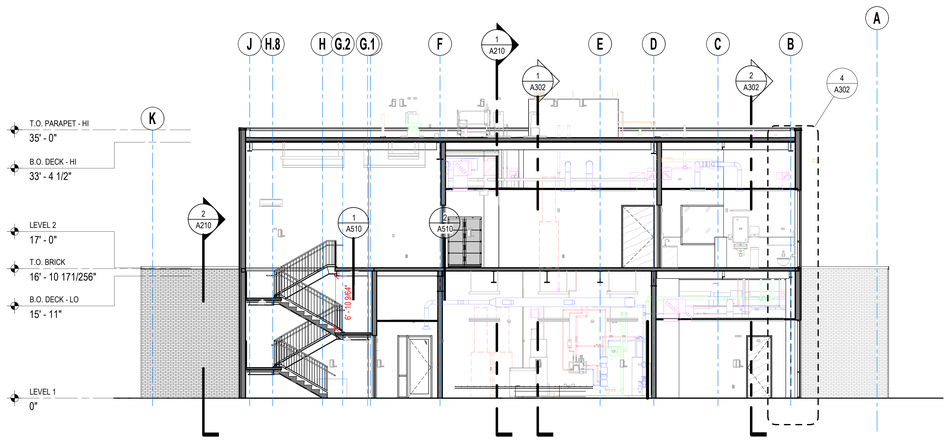
3 BUILDING SECTION 3
SCALE: 1/8" = 1'-0"



2 BUILDING SECTION 2
SCALE: 1/8" = 1'-0"



4 BUILDING SECTION 4
SCALE: 1/8" = 1'-0"



5 BUILDING SECTION 5
SCALE: 1/8" = 1'-0"

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0 1"

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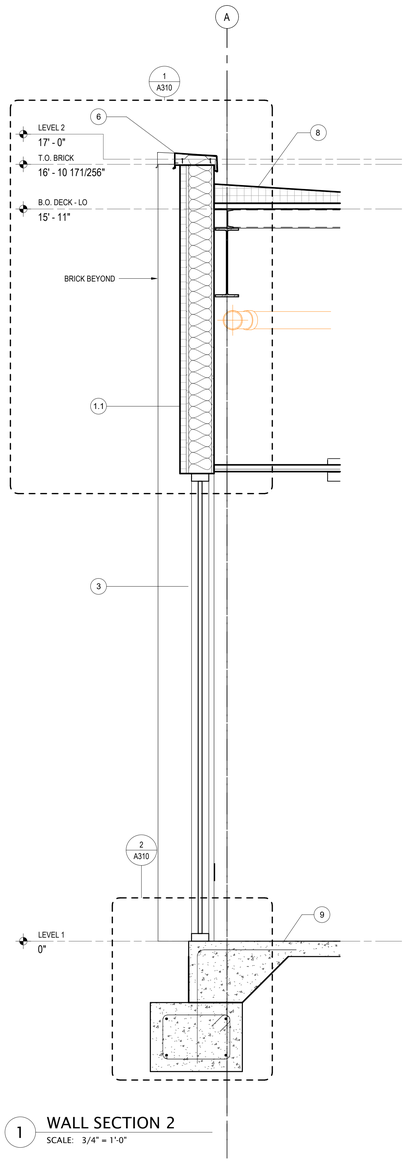
#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

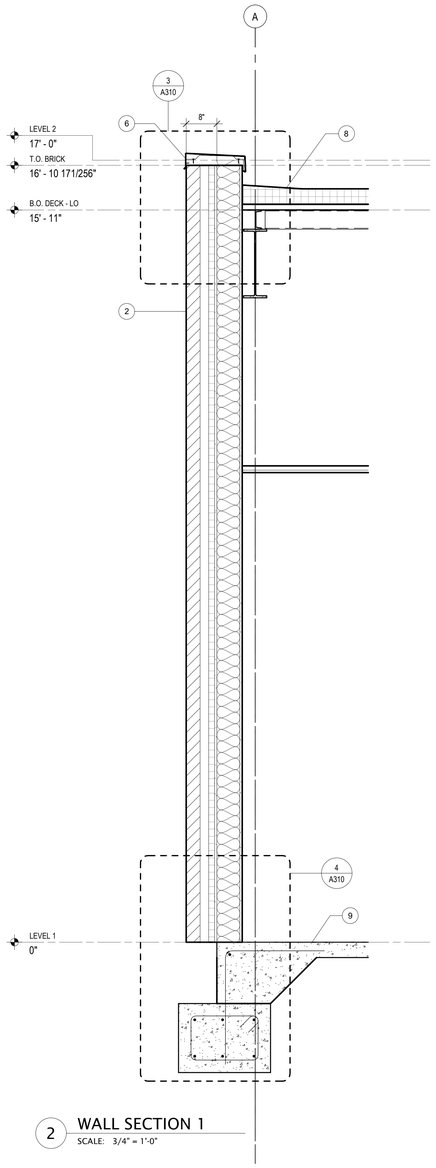
TITLE: BUILDING SECTIONS

A210

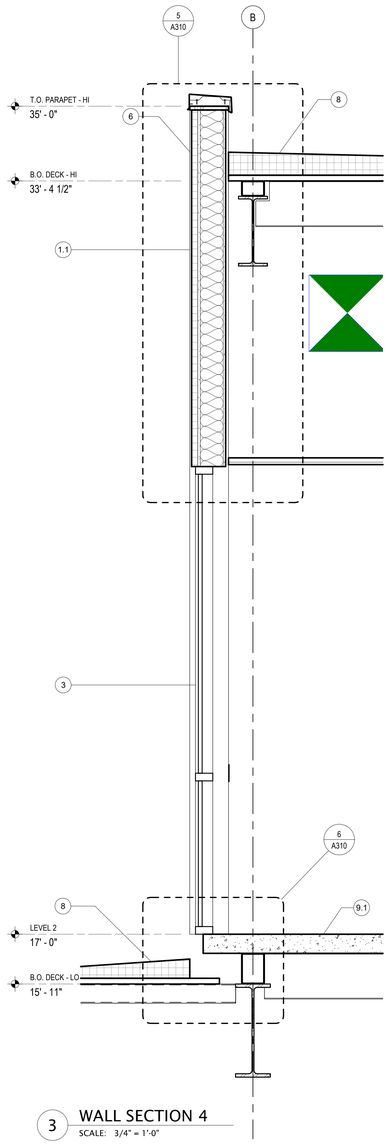
LEGEND - WALL SECTIONS	
KEYNOTE #	DESCRIPTION
1	MP-01 - PAC-CLAD PREFIN MTL WALL PANEL SYSTEM BOX RIB 1 PROFILE; .040 ALUM CLIP INSTALLATION; VERTICALLY ORIENTED; PREMIUM COLOR AS SPECIFIED OVER 1-1/2" Z GIRTS W/ 1-1/2" RIGID INSULATION OVER 5/8" AIR-BARRIER & WATER-RESISTIVE GLASS-MAT GYPSUM SHEATHING OVER 6" METAL STUDS W/ R-13 BATT INSULATION OVER 5/8" INTERIOR GWB
1.1	PREFIN BRK MTL OVER 1-1/2" RIGID INSULATION OVER 5/8" AIR-BARRIER & WATER-RESISTIVE GLASS-MAT GYPSUM SHEATHING OVER 6" METAL STUDS W/ R-13 BATT INSULATION OVER 5/8" INTERIOR GWB
1.2	MP-03 - PAC-CLAD FLUSH PREFIN MTL WALL PANEL SYSTEM 12" FLUSH PANEL PROFILE; .040 ALUM CLIP INSTALLATION; VERTICALLY ORIENTED; PREMIUM COLOR AS SPECIFIED OVER 1-1/2" Z GIRTS W/ 1-1/2" RIGID INSULATION OVER 5/8" AIR-BARRIER & WATER-RESISTIVE GLASS-MAT GYPSUM SHEATHING OVER 6" METAL STUDS W/ R-13 BATT INSULATION OVER 5/8" INTERIOR GWB
2	BRICK VENEER OVER AIR SPACE OVER 2" Z GIRTS W/ 1-1/2" RIGID CONTINUOUS INSULATION OVER 5/8" AIR-BARRIER & WATER-RESISTIVE GLASS -MAT GYPSUM SHEATHING OVER 6" METAL STUDS W/ R-13 INSULATION
3	ALUM STOREFRONT SYSTEM W/ 1" INSUL VISION GLASS (UNLESS NOTED OTHERWISE)
4	CURTAIN WALL
4.1	CURTAIN WALL MULLION TO BE CLIPPED TO STEEL STRUCTURE
4.2	STOREFRONT ENTRY DOOR(S) - SEE DOOR SCHEDULE
4.3	1" THK INSULATING SPANDREL GLASS
5	ACM PANELING - DRY SYSTEM
6	PREFINISHED METAL ROOF COPING
7	WIRELESS CONTROLLED AUTOMATIC WINDOW SHADES. POCKETED INTO SOFFIT. AT CURTAIN WALLS. SHADE LENGTH TO RUN DOWN TO 2ND FLOOR LEVEL
8	TPO MEMBRANE ROOF W/ TAPERED INSULATION
9	FLOOR FINISH AS SCHEDULED OVER REINF CONC SLAB PER STRUC OVER VAPOR BARRIER ON COMPACTED GRAVEL BASE
9.1	CONC COMPOSITE SLAB. SEE STRUC



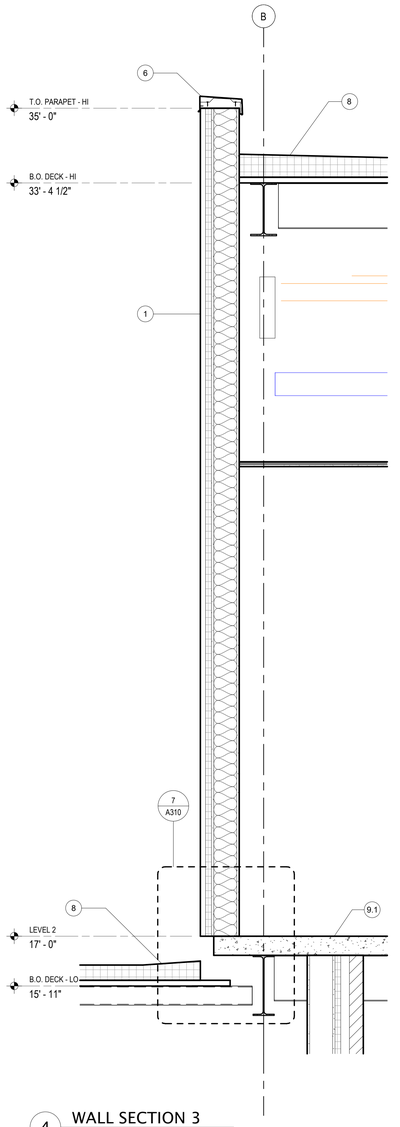
1 WALL SECTION 2
SCALE: 3/4" = 1'-0"



2 WALL SECTION 1
SCALE: 3/4" = 1'-0"



3 WALL SECTION 4
SCALE: 3/4" = 1'-0"



4 WALL SECTION 3
SCALE: 3/4" = 1'-0"

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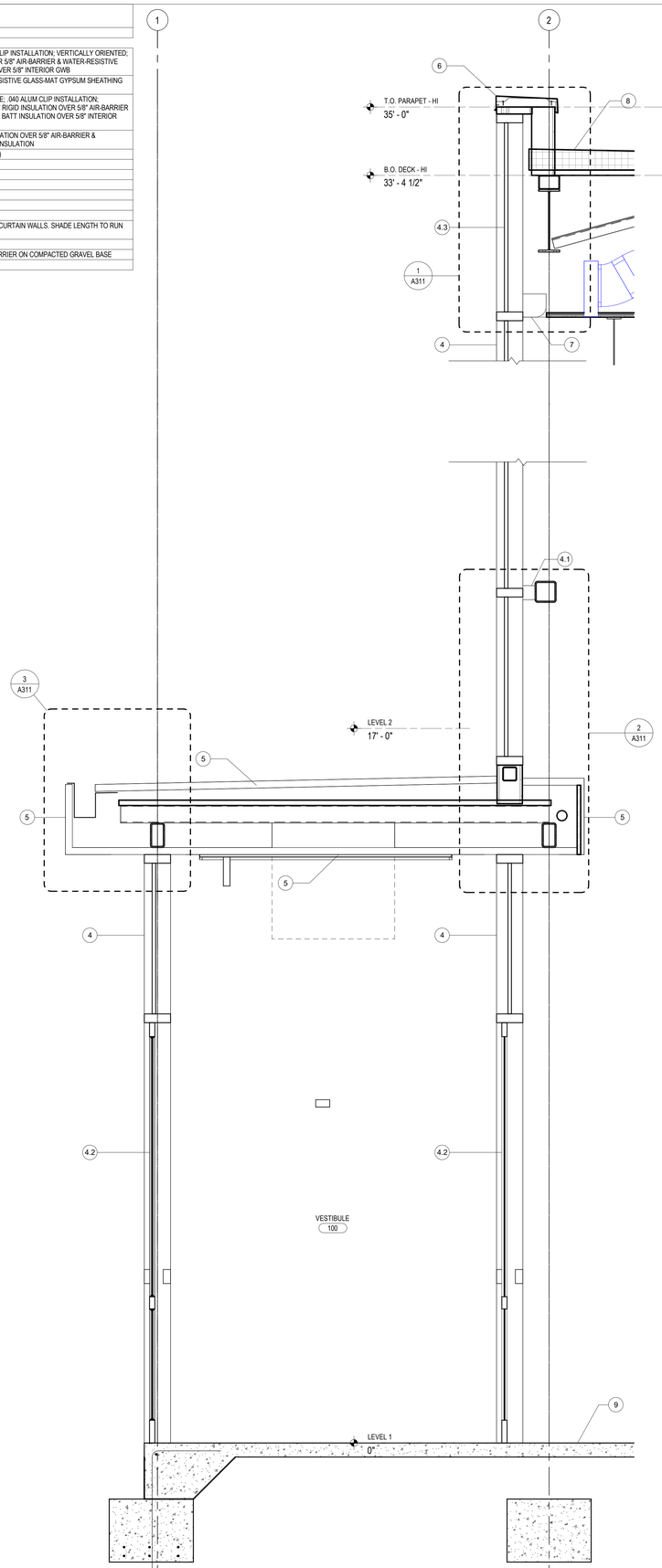
#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

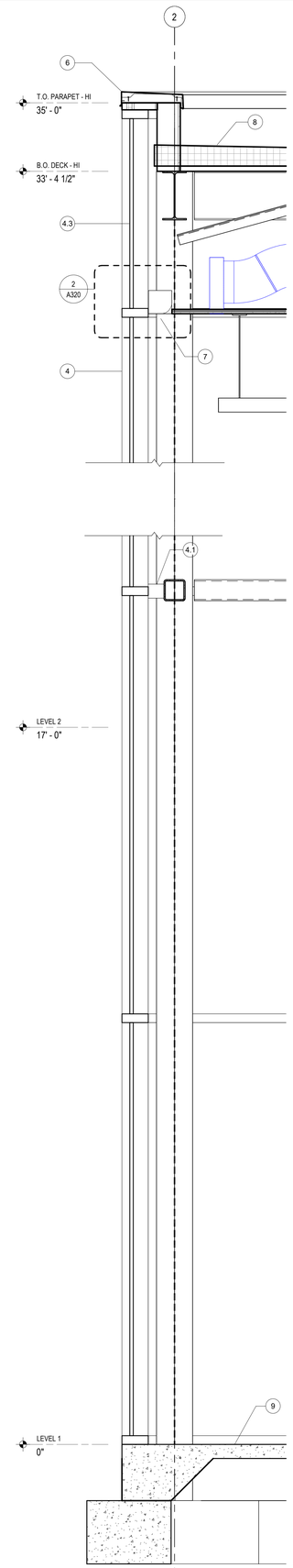
TITLE: WALL SECTIONS

A301

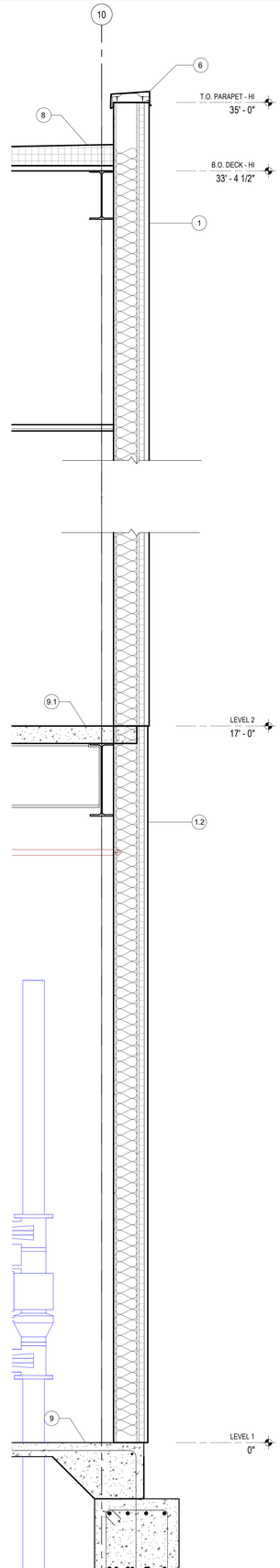
LEGEND - WALL SECTIONS	
KEYNOTE #	DESCRIPTION
1	MP-01 - PAC-CLAD PREFIN MTL WALL PANEL SYSTEM BOX RIB 1 PROFILE; .040 ALUM CLIP INSTALLATION; VERTICALLY ORIENTED; PREMIUM COLOR AS SPECIFIED OVER 1-1/2" Z GIRTS W/ 1-1/2" RIGID INSULATION OVER 5/8" AIR-BARRIER & WATER-RESISTIVE GLASS-MAT GYPSUM SHEATHING OVER 6" METAL STUDS W/ R-13 BATT INSULATION OVER 5/8" INTERIOR GWB
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9.1	CONC COMPOSITE SLAB. SEE STRUC



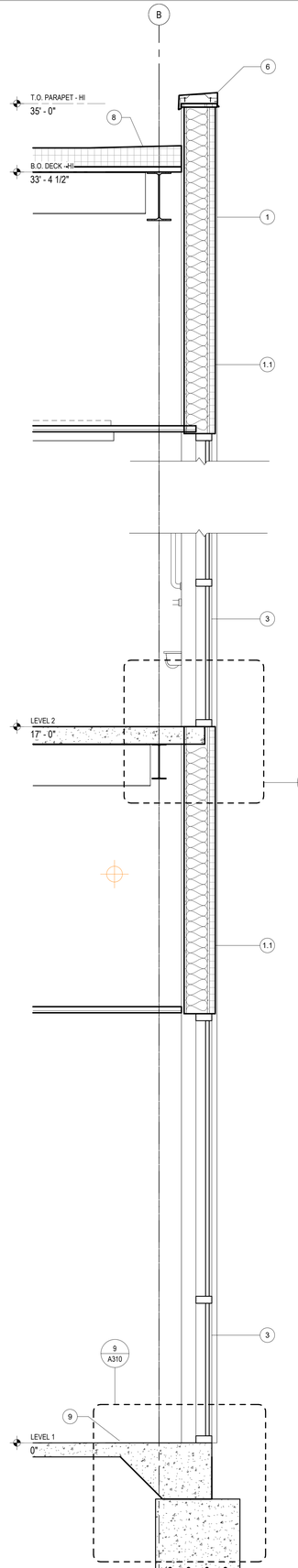
1 WALL SECTION 1
SCALE: 3/4" = 1'-0"



2 WALL SECTION 2
SCALE: 3/4" = 1'-0"



3 WALL SECTION 3
SCALE: 3/4" = 1'-0"



4 WALL SECTION 4
SCALE: 3/4" = 1'-0"

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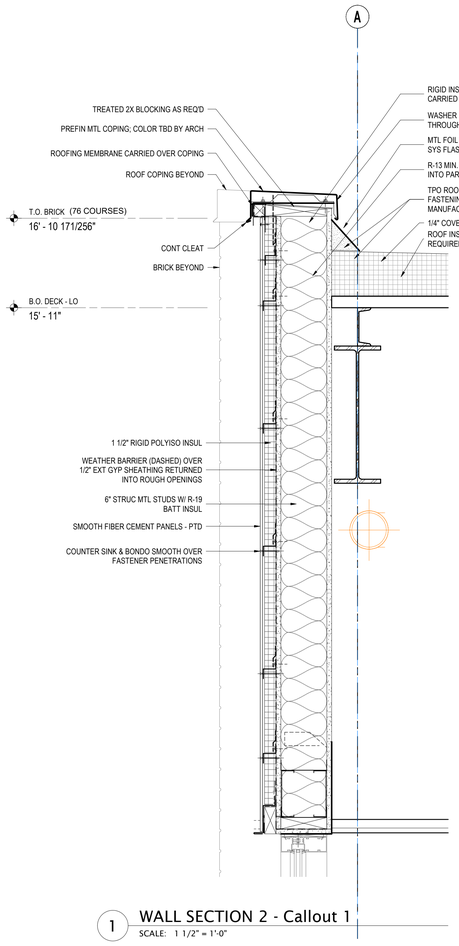
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#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

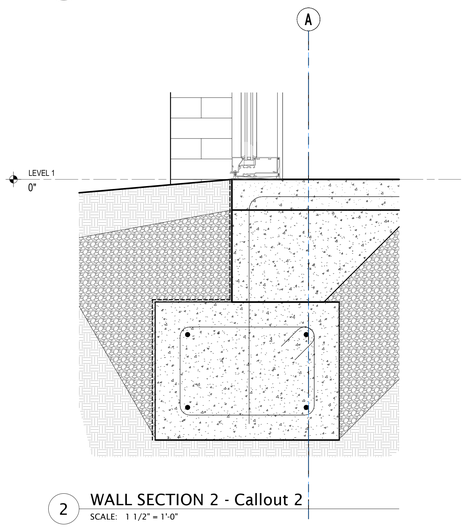
DATE: 08/31/2026

TITLE: WALL SECTIONS

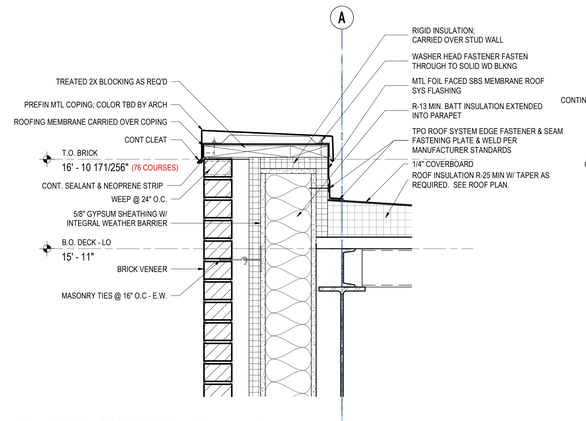
A302



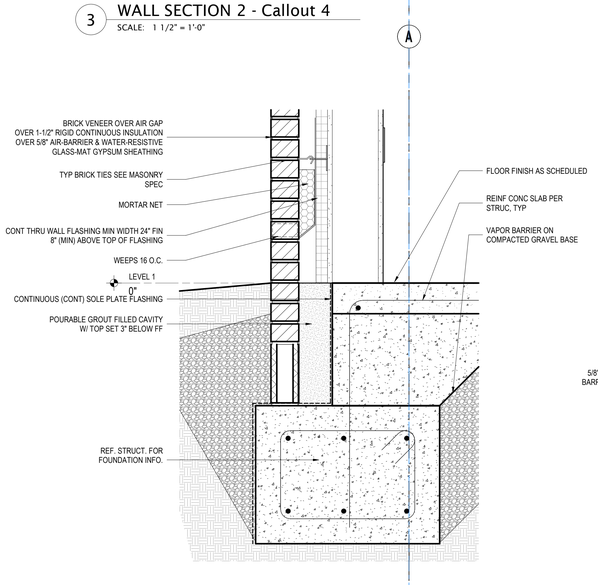
1 WALL SECTION 2 - Callout 1
SCALE: 1 1/2" = 1'-0"



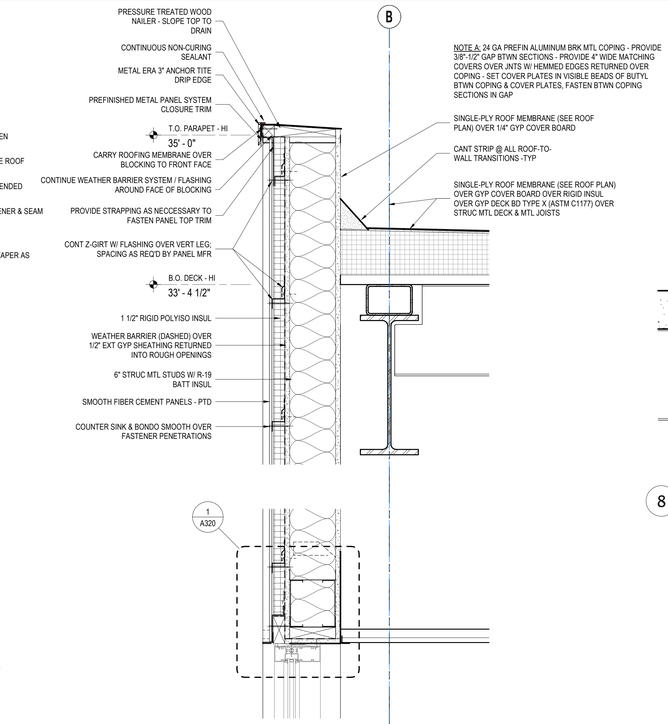
2 WALL SECTION 2 - Callout 2
SCALE: 1 1/2" = 1'-0"



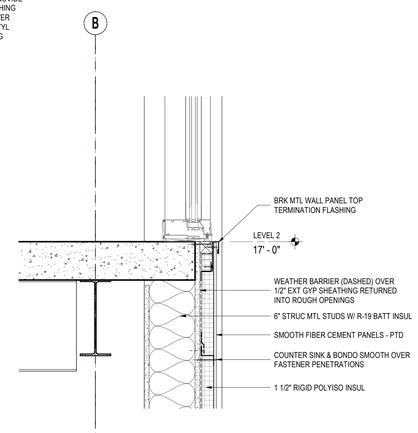
3 WALL SECTION 2 - Callout 4
SCALE: 1 1/2" = 1'-0"



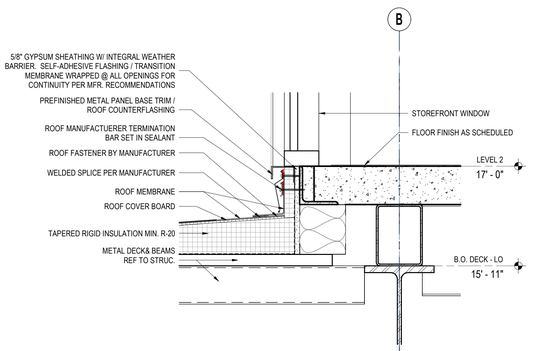
4 WALL SECTION 2 - Callout 3
SCALE: 1 1/2" = 1'-0"



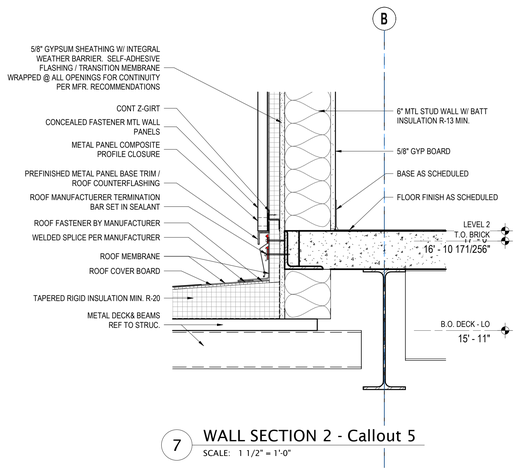
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SCALE: 1 1/2" = 1'-0"



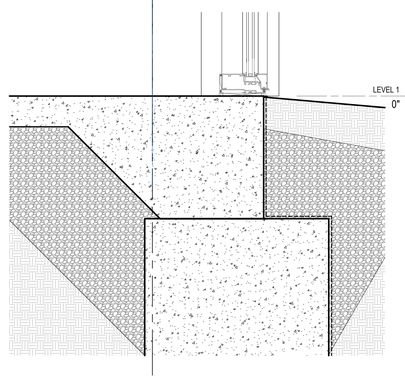
8 WALL SECTION 6 - Callout 1
SCALE: 1 1/2" = 1'-0"



6 WALL SECTION 2 - Callout 6
SCALE: 1 1/2" = 1'-0"



7 WALL SECTION 2 - Callout 5
SCALE: 1 1/2" = 1'-0"



9 WALL SECTION 6 - Callout 2
SCALE: 1 1/2" = 1'-0"

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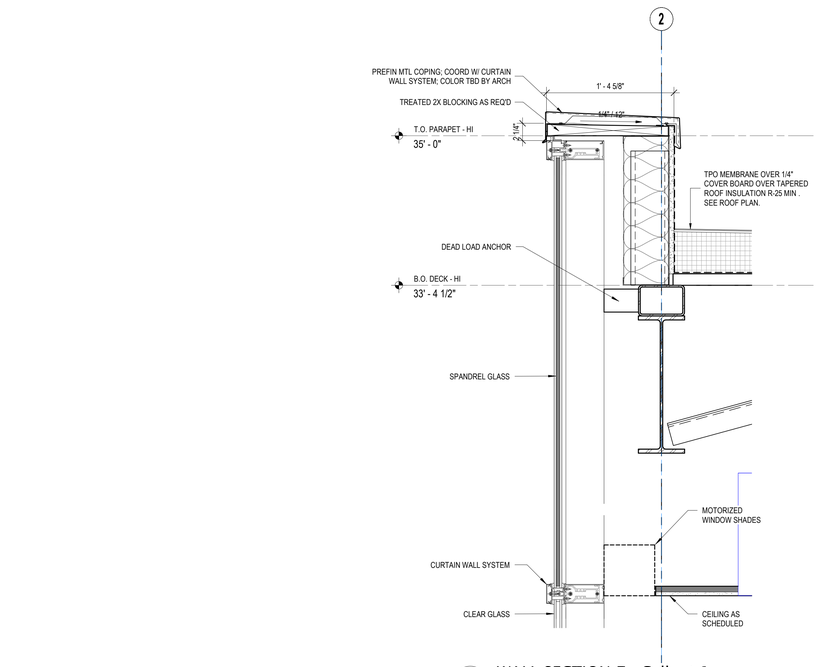
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#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

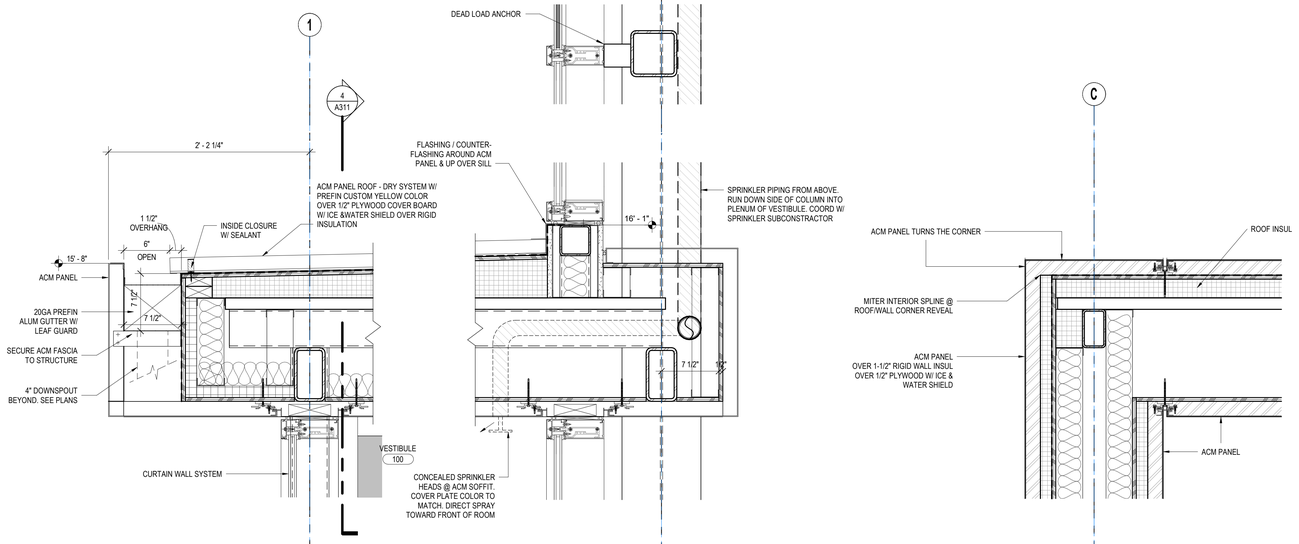
DATE: 08/31/2026

TITLE: SECTION DETAILS

A310



1 WALL SECTION 7 - Callout 1
SCALE: 1 1/2" = 1'-0"



3 WALL SECTION 7 - Callout 3
SCALE: 1 1/2" = 1'-0"

2 WALL SECTION 7 - Callout 2
SCALE: 1 1/2" = 1'-0"

4 Section 25
SCALE: 1 1/2" = 1'-0"

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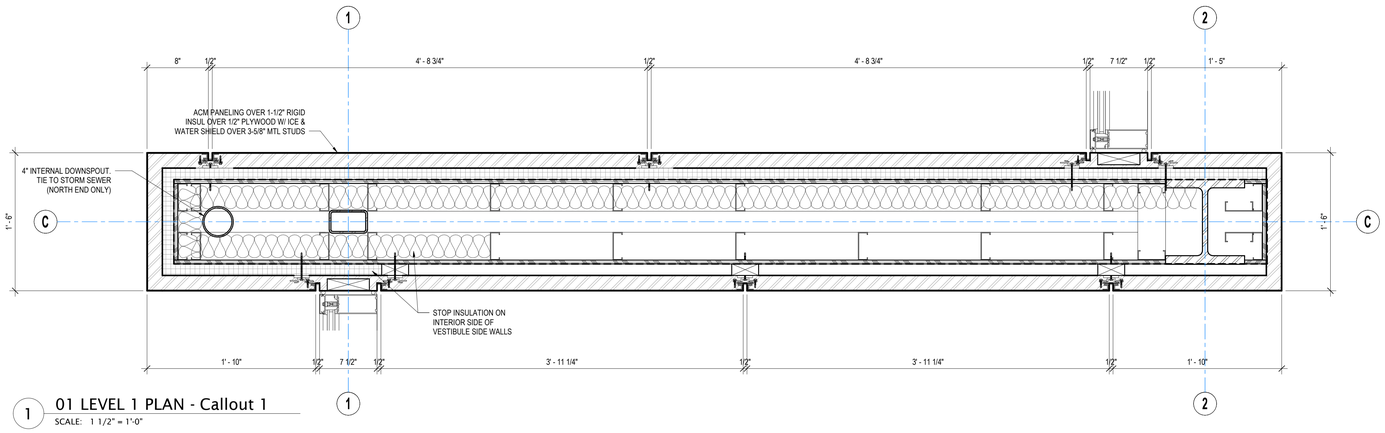
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#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

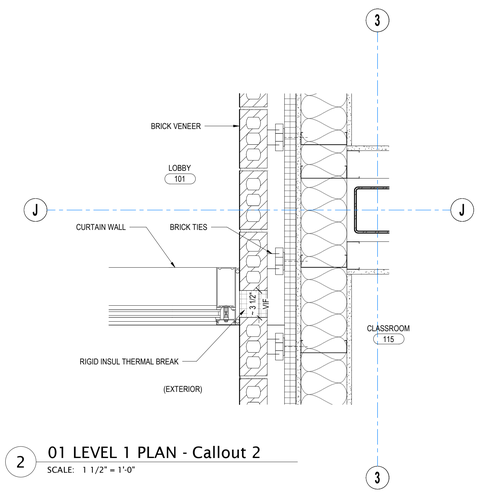
TITLE: SECTION DETAILS

A311



1 01 LEVEL 1 PLAN - Callout 1

SCALE: 1 1/2" = 1'-0"



2 01 LEVEL 1 PLAN - Callout 2

SCALE: 1 1/2" = 1'-0"

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#	DATE	DESCRIPTION

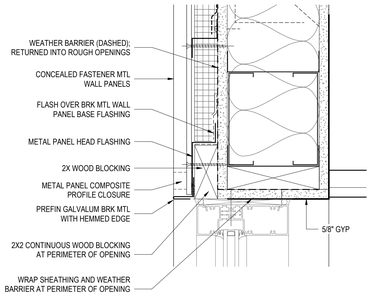
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SCHEDULE

DATE: 08/31/2026

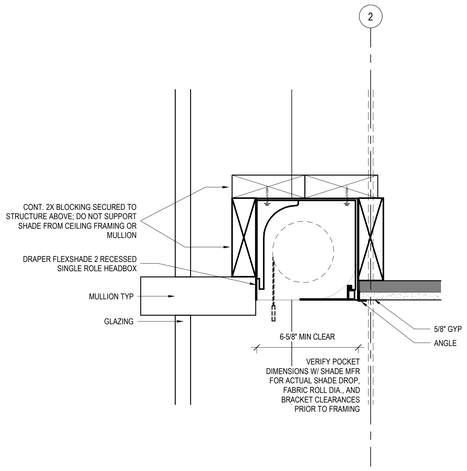
TITLE: PLAN DETAILS

A315



1 WALL SECTION 2 - Callout 7 - Callout 1

SCALE: 3" = 1'-0"



2 WALL SECTION 8 - Callout 1

SCALE: 3" = 1'-0"

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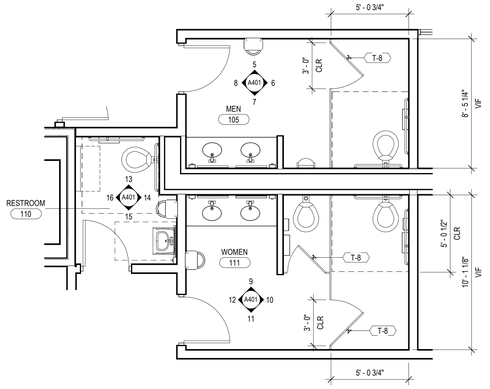
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REVISIONS HISTORY
SCHEDULE

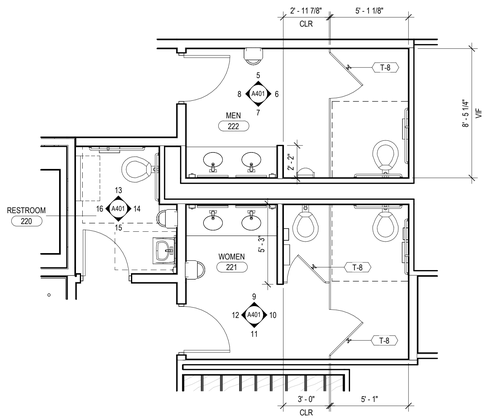
DATE: 08/31/2026

TITLE: ENLARGED SECTION DETAILS

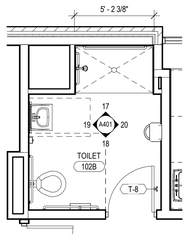
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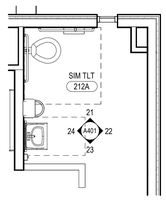
1 ENLARGED LEVEL 1 RESTROOM PLAN
SCALE: 1/4" = 1'-0"



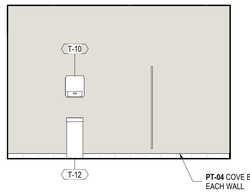
2 ENLARGED LEVEL 2 RESTROOM PLAN
SCALE: 1/4" = 1'-0"



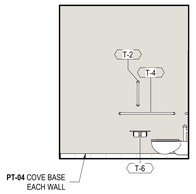
3 ENLARGED RESTROOM & SHOWER PLAN
SCALE: 1/4" = 1'-0"



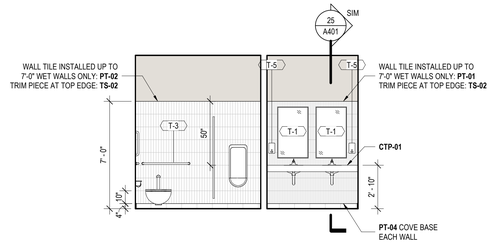
4 SIM LAB RESTROOM
SCALE: 1/4" = 1'-0"



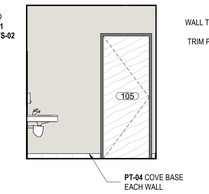
5 MEN NORTH
SCALE: 1/4" = 1'-0"



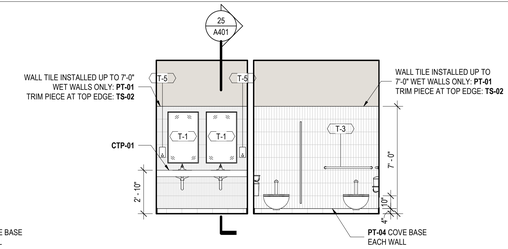
6 MEN EAST
SCALE: 1/4" = 1'-0"



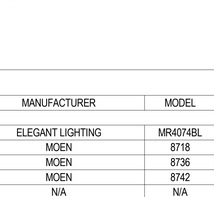
7 MEN SOUTH
SCALE: 1/4" = 1'-0"



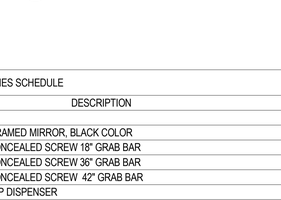
8 MEN WEST
SCALE: 1/4" = 1'-0"



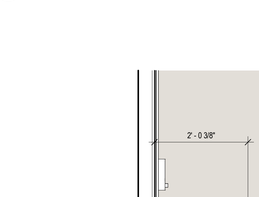
9 WOMEN NORTH
SCALE: 1/4" = 1'-0"



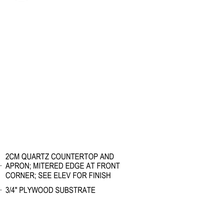
10 WOMEN EAST
SCALE: 1/4" = 1'-0"



11 WOMEN SOUTH
SCALE: 1/4" = 1'-0"



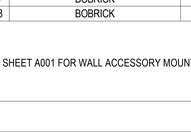
12 WOMEN WEST
SCALE: 1/4" = 1'-0"



13 RESTROOM NORTH
SCALE: 1/4" = 1'-0"



14 RESTROOM EAST
SCALE: 1/4" = 1'-0"



15 RESTROOM SOUTH
SCALE: 1/4" = 1'-0"



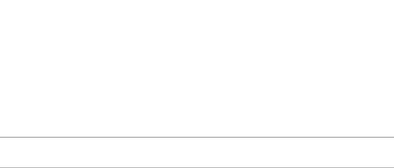
16 RESTROOM WEST
SCALE: 1/4" = 1'-0"



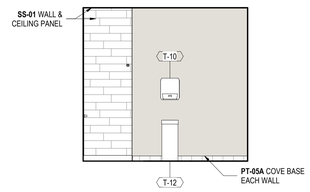
17 TOILET 102B NORTH
SCALE: 1/4" = 1'-0"



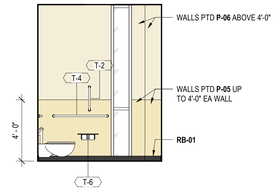
18 TOILET 102B SOUTH
SCALE: 1/4" = 1'-0"



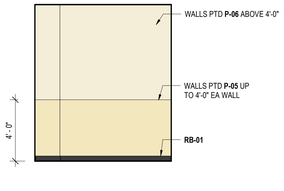
19 TOILET 102B WEST
SCALE: 1/4" = 1'-0"



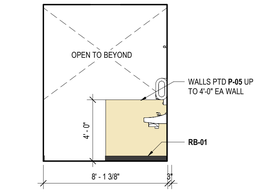
20 TOILET 102B EAST
SCALE: 1/4" = 1'-0"



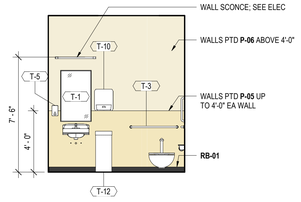
21 SIM TOILET NORTH
SCALE: 1/4" = 1'-0"



22 SIM TOILET EAST
SCALE: 1/4" = 1'-0"



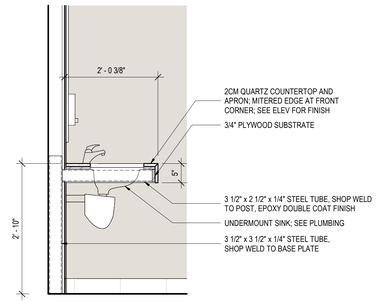
23 SIM TOILET SOUTH
SCALE: 1/4" = 1'-0"



24 SIM TOILET WEST
SCALE: 1/4" = 1'-0"

WALL ACCESSORIES SCHEDULE				
TAG	MANUFACTURER	MODEL	DESCRIPTION	COMMENTS
T-1	ELEGANT LIGHTING	MR4074BL	24" x 40" ETERNITY FRAMED MIRROR, BLACK COLOR	CFCI
T-2	MOEN	8718	STAINLESS STEEL CONCEALED SCREW 18" GRAB BAR	CFCI
T-3	MOEN	8736	STAINLESS STEEL CONCEALED SCREW 36" GRAB BAR	CFCI
T-4	MOEN	8742	STAINLESS STEEL CONCEALED SCREW 42" GRAB BAR	CFCI
T-5	N/A	N/A	WALL MOUNTED SOAP DISPENSER	CFCI
T-6	N/A	N/A	TOILET TISSUE DISPENSER	OFCI
T-7	N/A	N/A	SANITARY NAPKIN DISPOSAL	OFCI
T-8	BOBRICK	B-9542	SURFACE MOUNTED PURSE / COAT HOOK	CFCI
T-9	KOALA KARE	KB310-SSWM	HORIZONTAL STAINLESS STEEL BABY CHANGING STATION	CFCI
T-10	N/A	N/A	AUTOMATIC PAPER TOWEL DISPENSER	OFCI
T-12	N/A	N/A	35 GALLON STAINLESS STEEL TRASH CAN	OFOI
T-13	MOEN	8724	STAINLESS STEEL CONCEALED SCREW 24" GRAB BAR	CFCI
T-14	MOEN	8748	STAINLESS STEEL CONCEALED SCREW 48" GRAB BAR	CFCI
T-15	MOEN	SF2143BL	WALL MOUNTED SHOWER CURTAIN ROD	CFCI
T-16	BOBRICK	B-3949	SURFACE MOUNTED COMBINATION PAPER TOWEL/WASTE RECEPTACLE	CFCI
T-17	BOBRICK	B-2111	WALL MOUNTED SOAP DISPENSER	CFCI
T-18	BOBRICK	B-35903	RECESSED PAPER TOWEL DISPENSER	CFCI

*SEE SHEET A001 FOR WALL ACCESSORY MOUNTING HEIGHTS



25 ENLARGED RESTROOM SINK DETAIL
SCALE: 3/4" = 1'-0"

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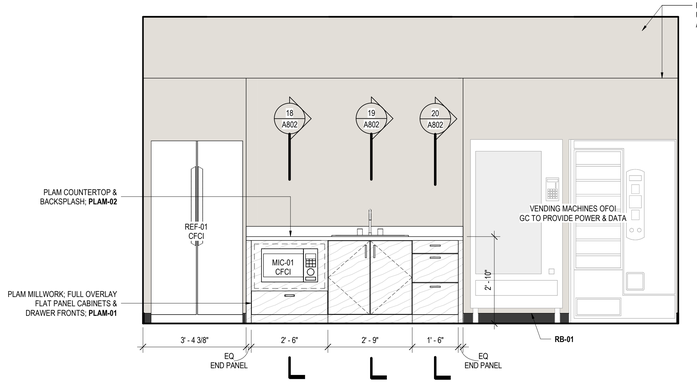
UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

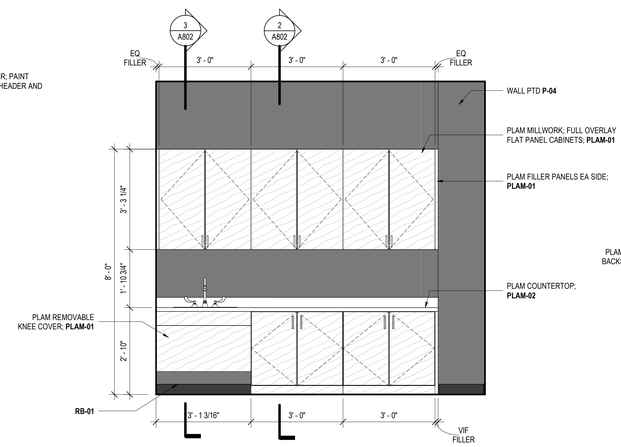
TITLE: ENLARGED PLANS & INTERIOR ELEVATIONS

A401



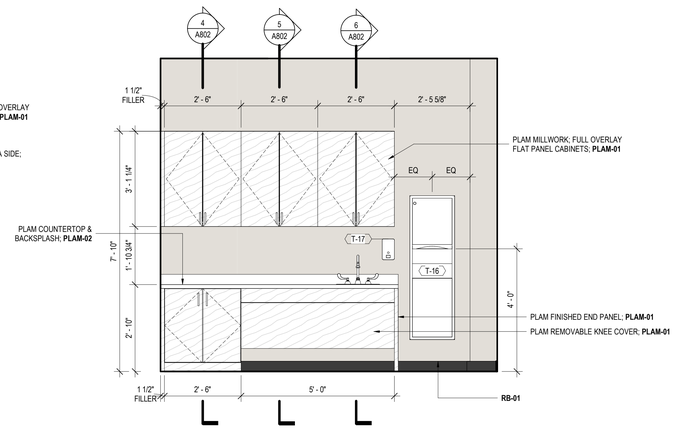
1 BREAK ROOM ELEVATION

SCALE: 1/2" = 1'-0"



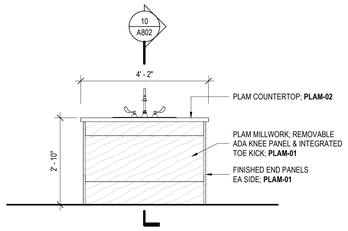
2 KINESIOLOGY LAB MILLWORK

SCALE: 1/2" = 1'-0"



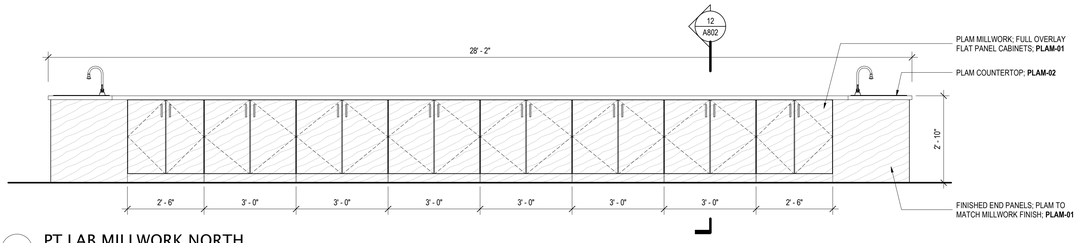
3 TREATMENT 102A MILLWORK

SCALE: 1/2" = 1'-0"



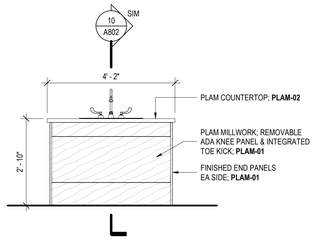
4 PT LAB MILLWORK WEST

SCALE: 1/2" = 1'-0"



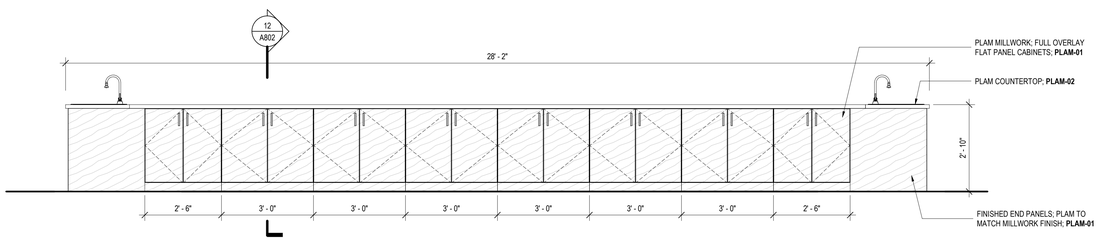
5 PT LAB MILLWORK NORTH

SCALE: 1/2" = 1'-0"



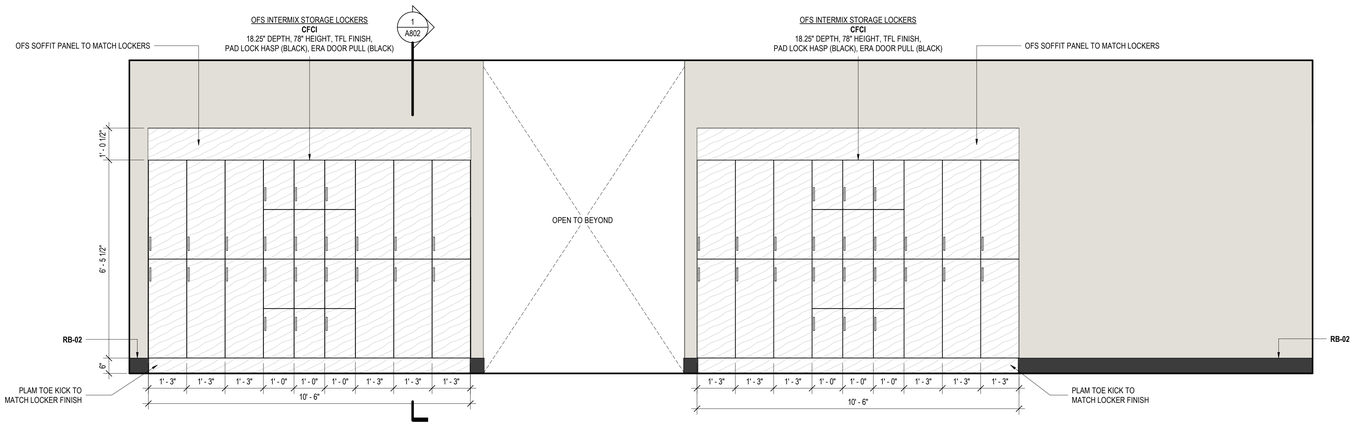
6 PT LAB MILLWORK EAST

SCALE: 1/2" = 1'-0"



7 PT LAB MILLWORK SOUTH

SCALE: 1/2" = 1'-0"



8 LOCKERS

SCALE: 1/2" = 1'-0"

WALL ACCESSORIES SCHEDULE				
TAG	MANUFACTURER	MODEL	DESCRIPTION	COMMENTS
T-1	ELEGANT LIGHTING	MR4074BL	24" x 40" ETERNITY FRAMED MIRROR, BLACK COLOR	CFCI
T-2	MOEN	8718	STAINLESS STEEL CONCEALED SCREW 18" GRAB BAR	CFCI
T-3	MOEN	8736	STAINLESS STEEL CONCEALED SCREW 36" GRAB BAR	CFCI
T-4	MOEN	8742	STAINLESS STEEL CONCEALED SCREW 42" GRAB BAR	CFCI
T-5	N/A	N/A	WALL MOUNTED SOAP DISPENSER	CFCI
T-6	N/A	N/A	TOILET TISSUE DISPENSER	OFCI
T-7	N/A	N/A	SANITARY NAPKIN DISPOSAL	OFCI
T-8	BOBRICK	B-9542	SURFACE MOUNTED PURSE / COAT HOOK	CFCI
T-9	KOALA KARE	KB310-SSWM	HORIZONTAL STAINLESS STEEL BABY CHANGING STATION	CFCI
T-10	N/A	N/A	AUTOMATIC PAPER TOWEL DISPENSER	OFCI
T-12	N/A	N/A	35 GALLON STAINLESS STEEL TRASH CAN	OFOI
T-13	MOEN	8724	STAINLESS STEEL CONCEALED SCREW 24" GRAB BAR	CFCI
T-14	MOEN	8748	STAINLESS STEEL CONCEALED SCREW 48" GRAB BAR	CFCI
T-15	MOEN	SF2143BL	WALL MOUNTED SHOWER CURTAIN ROD	CFCI
T-16	BOBRICK	B-3949	SURFACE MOUNTED COMBINATION PAPER TOWEL/WASTE RECEPTACLE	CFCI
T-17	BOBRICK	B-2111	WALL MOUNTED SOAP DISPENSER	CFCI
T-18	BOBRICK	B-35903	RECESSED PAPER TOWEL DISPENSER	CFCI

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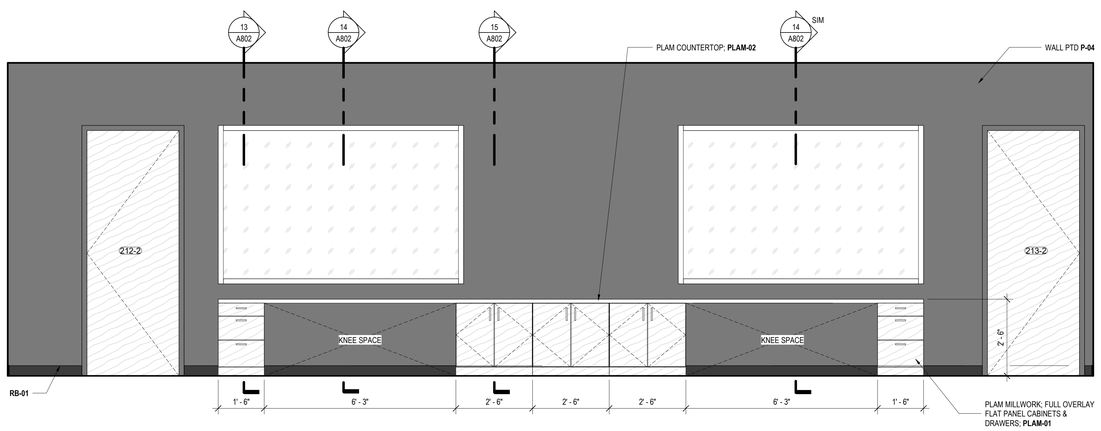
UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

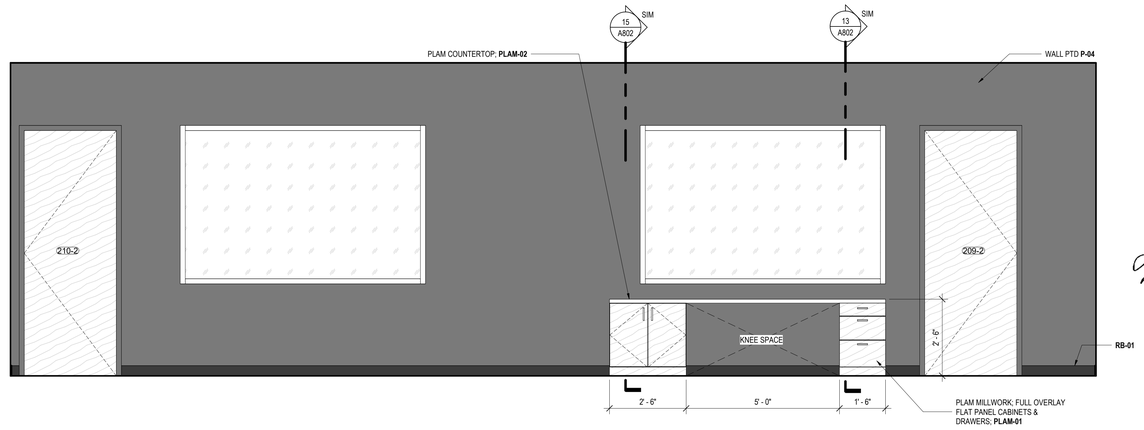
DATE: 08/31/2026

TITLE: INTERIOR ELEVATIONS

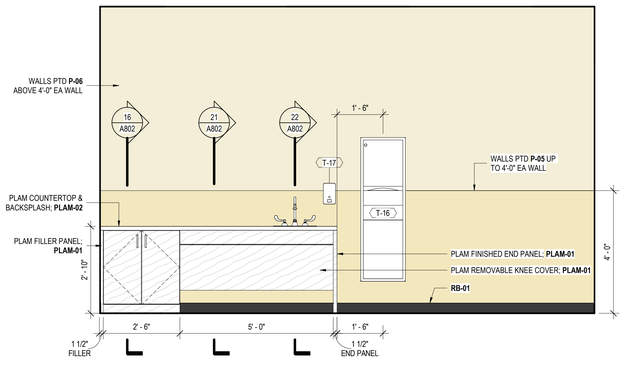
A402



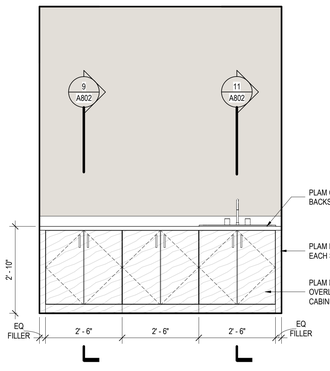
1 CONTROL ROOM EAST
SCALE: 1/2" = 1'-0"



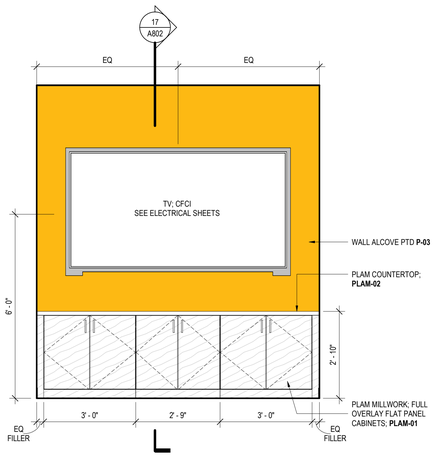
2 CONTROL ROOM WEST
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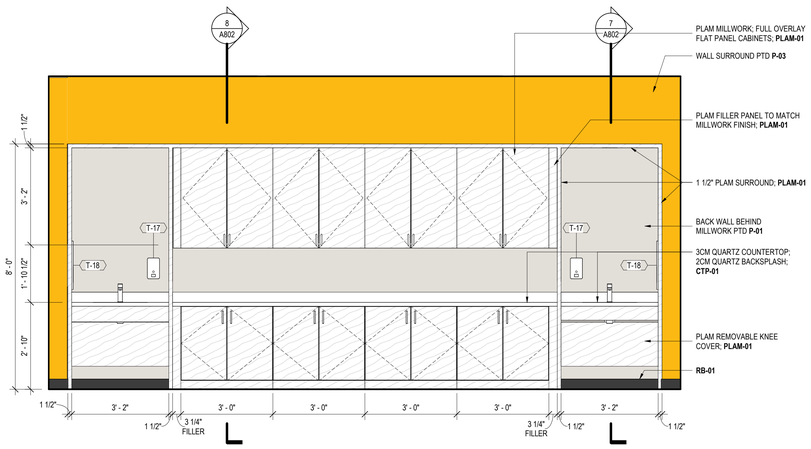
3 SIM LAB MILLWORK (TYP)
SCALE: 1/2" = 1'-0"



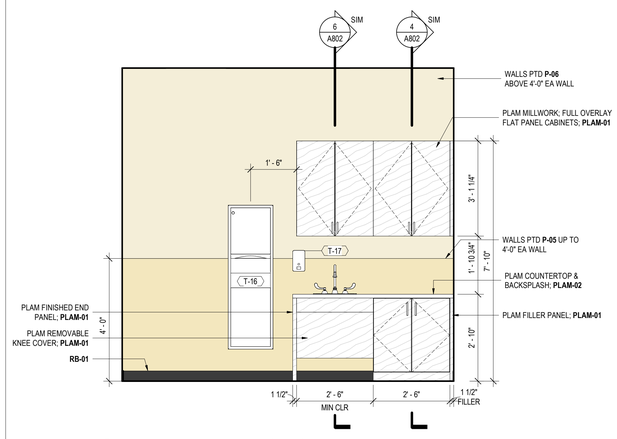
4 LAUNDRY WEST
SCALE: 1/2" = 1'-0"



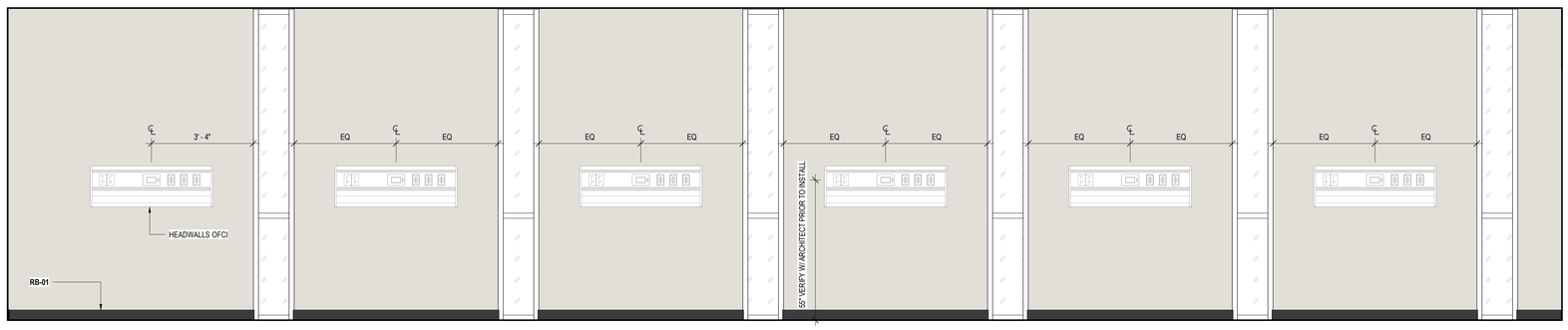
5 SKILLS MILLWORK EAST
SCALE: 1/2" = 1'-0"



6 SKILLS MILLWORK NORTH
SCALE: 1/2" = 1'-0"



7 EXAM MILLWORK (TYP)
SCALE: 1/2" = 1'-0"



8 SKILLS LAB ELEVATION
SCALE: 1/2" = 1'-0"

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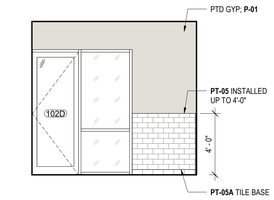
VERIFY SCALE
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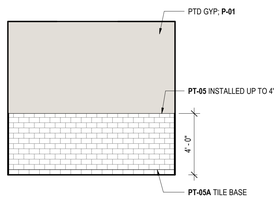
UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		
DATE:		08/31/2026
TITLE:		INTERIOR ELEVATIONS

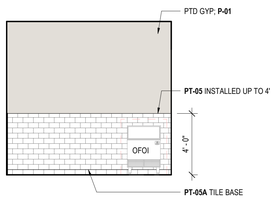
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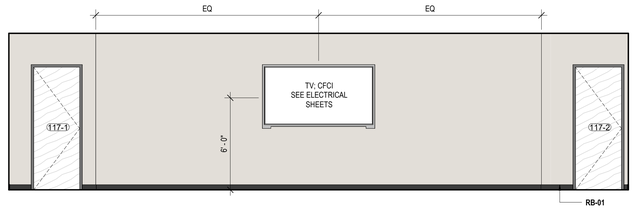
1 TUB 102D NORTH
SCALE: 1/4" = 1'-0"



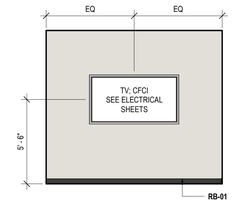
2 TUB 102D EAST
SCALE: 1/4" = 1'-0"



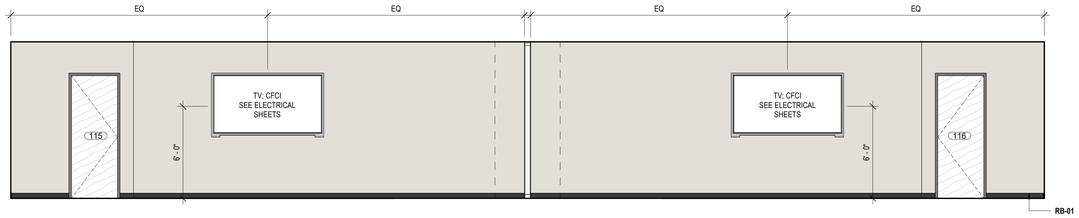
3 TUB 102D SOUTH
SCALE: 1/4" = 1'-0"



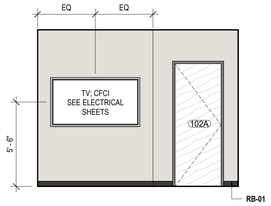
4 CLASSROOM 117 FRONT ELEVATION
SCALE: 1/4" = 1'-0"



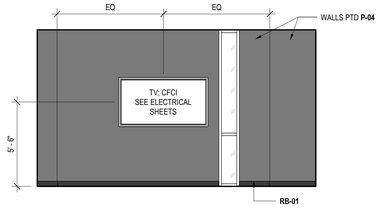
5 CONFERENCE 114 MEDIA WALL
SCALE: 1/4" = 1'-0"



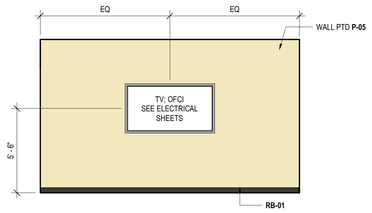
6 CLASSROOMS 115 & 116 FRONTS
SCALE: 1/4" = 1'-0"



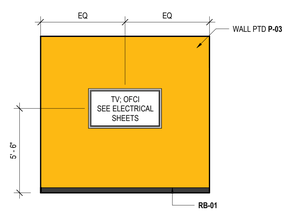
7 PT LAB MEDIA WALL
SCALE: 1/4" = 1'-0"



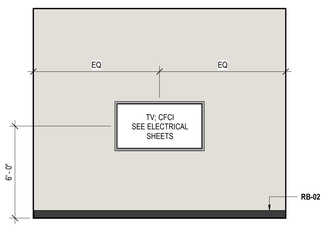
8 KINESIOLOGY LAB MEDIA WALL
SCALE: 1/4" = 1'-0"



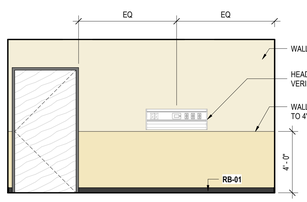
9 DEBRIEF MEDIA WALL
SCALE: 1/4" = 1'-0"



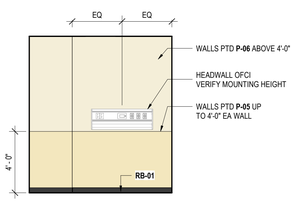
10 DEBRIEF 208 MEDIA WALL
SCALE: 1/4" = 1'-0"



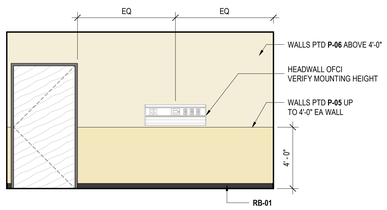
11 LOBBY MEDIA WALL
SCALE: 1/4" = 1'-0"



12 SIM 213 ELEVATION
SCALE: 1/4" = 1'-0"



13 SIM 212 ELEVATION
SCALE: 1/4" = 1'-0"



14 SIM 209 ELEVATION
SCALE: 1/4" = 1'-0"

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VERIFY SCALE
0 1"

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#	DATE	DESCRIPTION

REVISIONS HISTORY
SCHEDULE

DATE: 08/31/2026

TITLE: INTERIOR ELEVATIONS

A404

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VERIFY SCALE
0 1"

UAPB HEALTH & ALLIED SCIENCES BUILDING

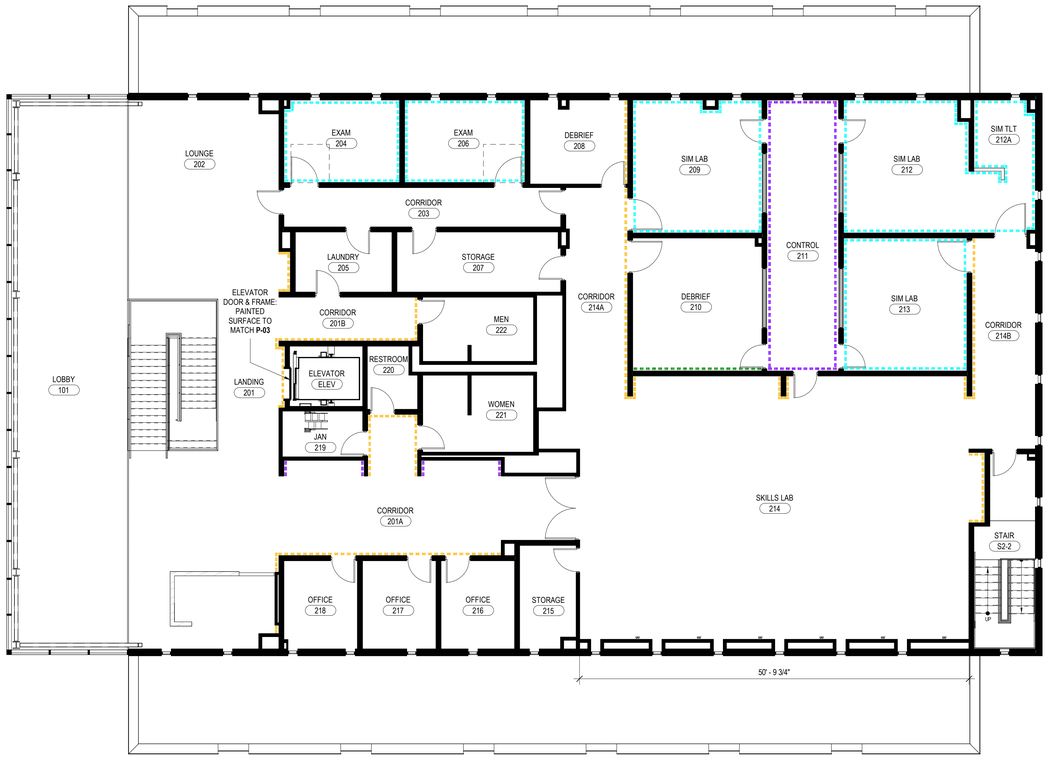
UNIVERSITY OF ARKANSAS AT PINE BLUFF

ACCENT PAINT

P-01	ALL WALLS TO BE P-01 UNLESS NOTED OTHERWISE
P-02	
P-03	
P-04	
P-05	
P-05 & P-06	

NOTES:

1. SEE SHEETS A401 - A404 FOR ELEVATIONS NOTING WALL PAINT DETAILS
2. BRING ANY DISCREPANCIES BETWEEN RENDERINGS (ON G102) AND PLANS/ELEVATIONS TO THE ARCHITECT



2 LEVEL 2 ACCENT PAINT PLAN
SCALE: 1/8" = 1'-0"



1 LEVEL 1 ACCENT PAINT PLAN
SCALE: 1/8" = 1'-0"

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

TITLE: INTERIOR ACCENT PAINT PLANS

A405

VERIFY PRINT IN COLOR

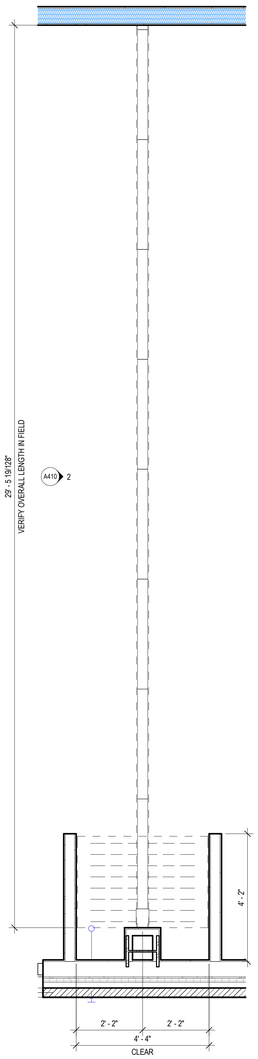
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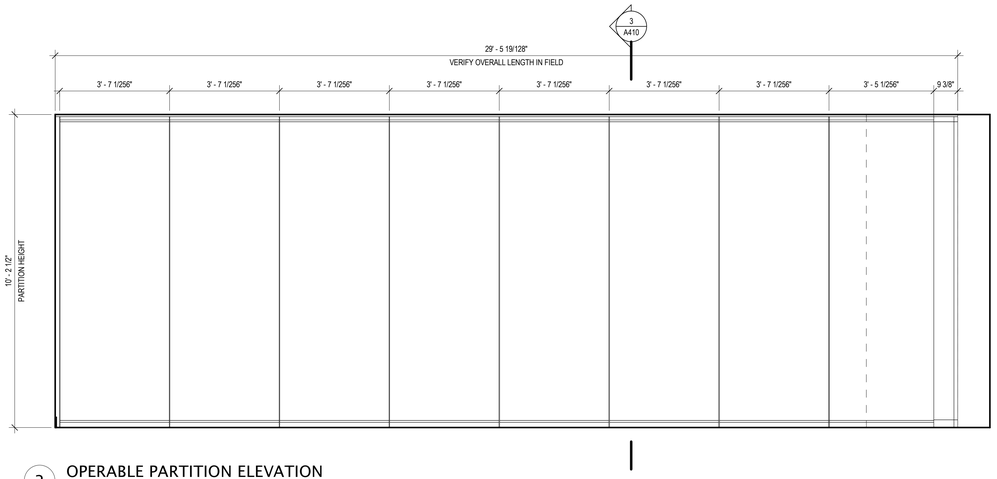
VERIFY SCALE
0 1"

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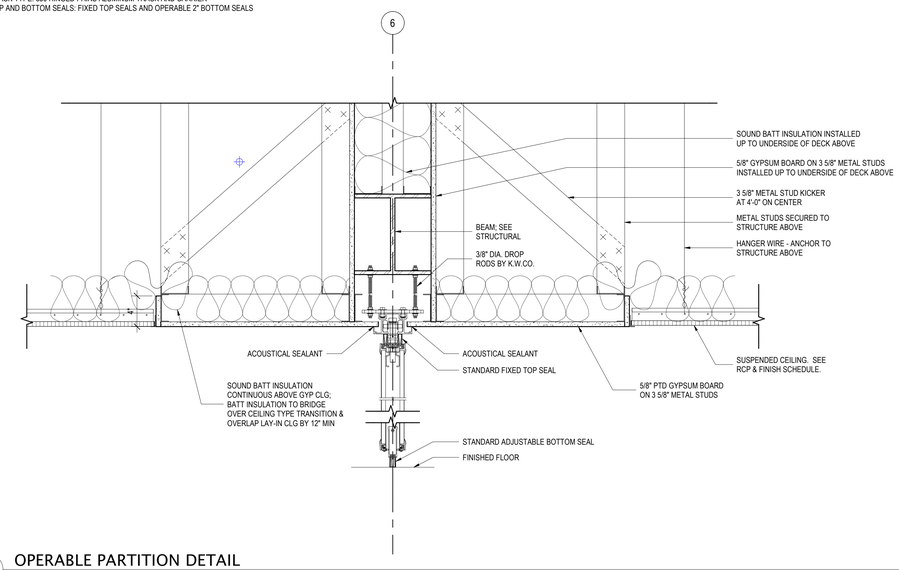
1 OPERABLE PARTITION ENLARGED PLAN
SCALE: 1/2" = 1'-0"



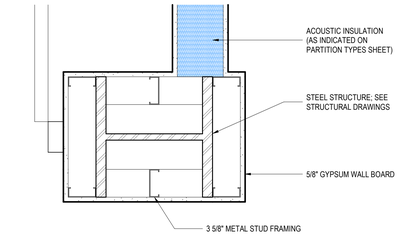
2 OPERABLE PARTITION ELEVATION
SCALE: 1/2" = 1'-0"

OPERABLE PARTITION SPECIFICATION

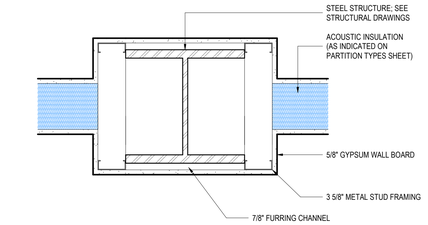
MANUFACTURER: KWIK-WALL
MODEL: 2030 HINGED-PAIRED PANELS
OPENINGS: 1
STC: 50
PANEL THICKNESS: 3"
PANEL FACE & FRAME: ACOUSTICAL PANEL SUBSTRATE PANEL FACES AND STEEL PANEL FRAMES
PANEL EDGES: TRIMLESS
TRACK TYPE: 850 HINGED PAIRS ALUMINUM TRACK AND CARRIER
TOP AND BOTTOM SEALS: FIXED TOP SEALS AND OPERABLE 2" BOTTOM SEALS



3 OPERABLE PARTITION DETAIL
SCALE: 1 1/2" = 1'-0"

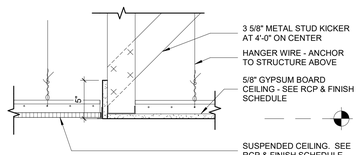


4 TYP COLUMN FUROUT DTL A
SCALE: 1 1/2" = 1'-0"

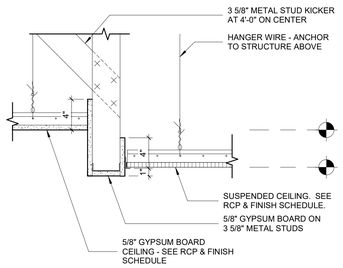


5 TYP COLUMN FUROUT DTL B
SCALE: 1 1/2" = 1'-0"

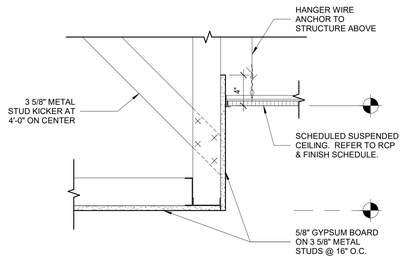
6 TYP COLUMN FUROUT C
SCALE: 1 1/2" = 1'-0"



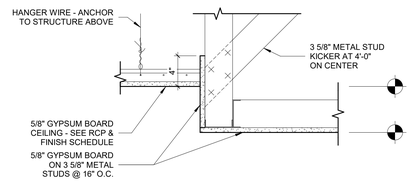
7 CEILING TRANSITION - GYP TO ACT
SCALE: 1 1/2" = 1'-0"



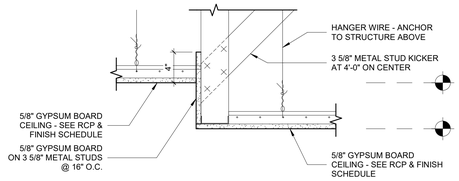
8 CEILING TRANSITION - ACT GYP STEP
SCALE: 1 1/2" = 1'-0"



9 CEILING EDGE DETAIL
SCALE: 1 1/2" = 1'-0"



10 CEILING TRANSITION - GYP GYP STEP
SCALE: 1 1/2" = 1'-0"



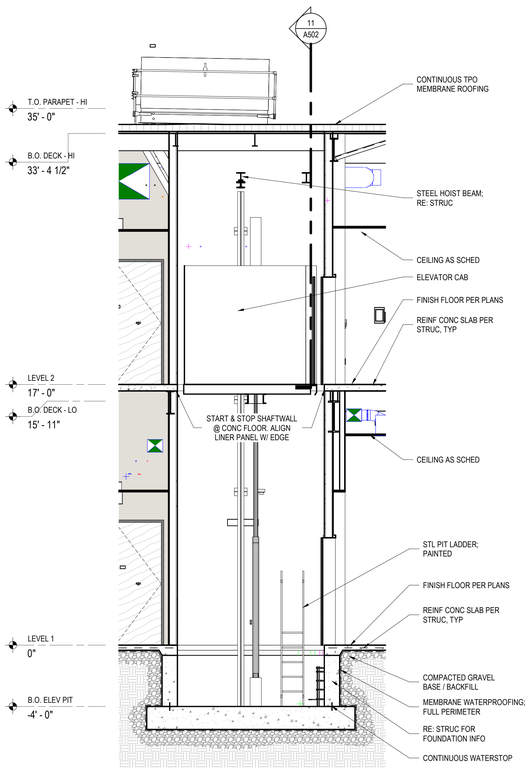
11 CEILING TRANSITION - GYP GYP STEP
SCALE: 1 1/2" = 1'-0"

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

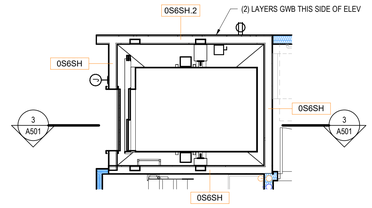
DATE: 08/31/2026

TITLE: INTERIOR DETAILS

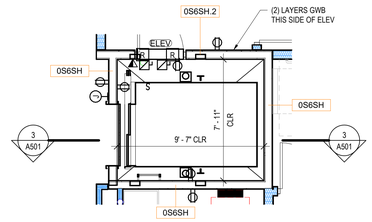
A410



3 ELEVATOR SECTION
SCALE: 1/4" = 1'-0"

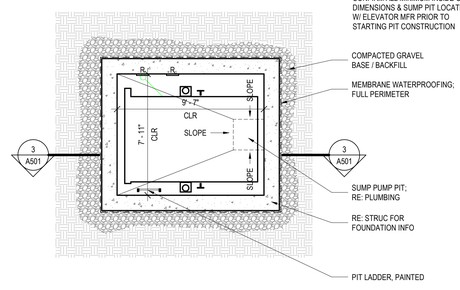


2 ELEVATOR PLAN - SECOND FLOOR
SCALE: 1/4" = 1'-0"



1 ELEVATOR PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"

NOTE:
CONFIRM ALL MINIMUM INSIDE CLEAR DIMENSIONS & SUMP PIT LOCATION W/ ELEVATOR MFR PRIOR TO STARTING PIT CONSTRUCTION



4 ELEVATOR PLAN - PITT
SCALE: 1/4" = 1'-0"

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VERIFY SCALE
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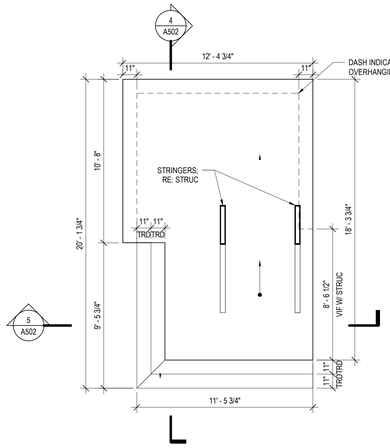
#	DATE	DESCRIPTION

REVISIONS HISTORY
SCHEDULE

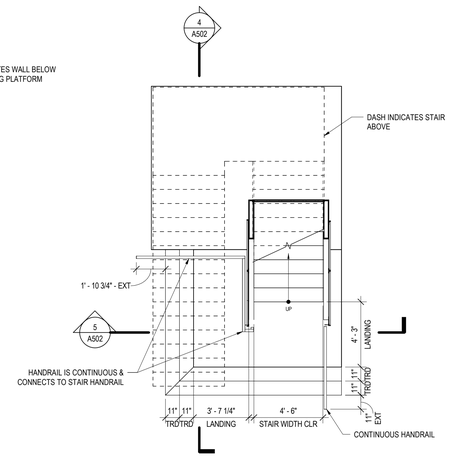
DATE: 08/31/2026

TITLE: VERTICAL CIRCULATION - ELEVATOR

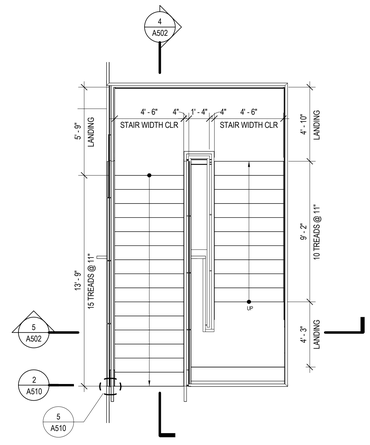
A501



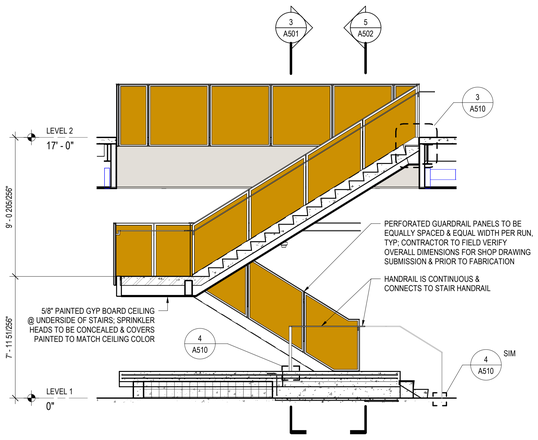
1 MONUMENTAL STAIR - PLATFORM BASE
SCALE: 1/4" = 1'-0"



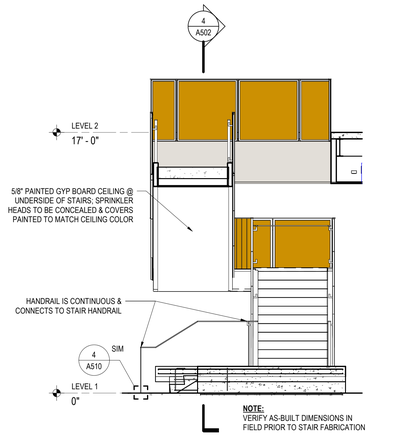
2 MONUMENTAL STAIR - FIRST FLOOR
SCALE: 1/4" = 1'-0"



3 MONUMENTAL STAIR - SECOND FLOOR
SCALE: 1/4" = 1'-0"



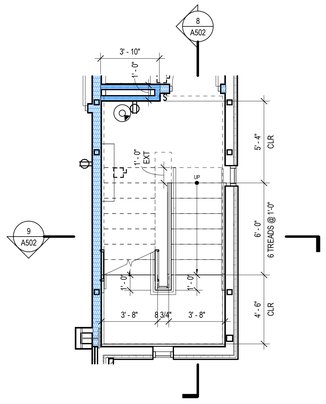
4 MONUMENTAL STAIR - SECTION
SCALE: 1/4" = 1'-0"



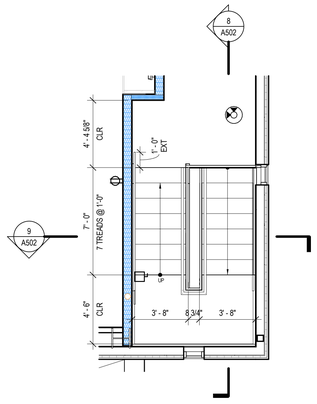
NOTE:
VERIFY AS-BUILT DIMENSIONS IN FIELD PRIOR TO STAIR FABRICATION

5 MONUMENTAL STAIR - CROSS SECTION
SCALE: 1/4" = 1'-0"

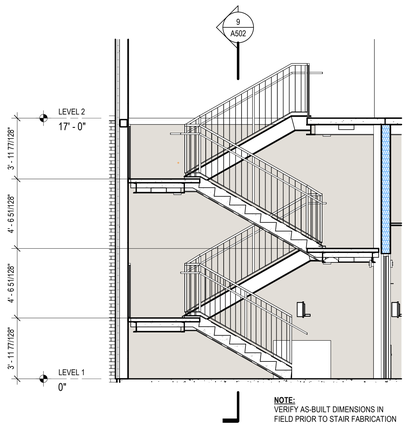
MISC. METALS NOTE:
- DEBURR AND SMOOTH ALL HANDRAIL, GUARDRAIL, & PLATE METAL EDGES PRIOR TO PAINTING.
- PROTRUDING WELDS ARE TO BE GROUND SMOOTH WITH BASE METAL.
- TOOLED PAINTABLE/FLEXABLE SEALANT TO BE USED BETWEEN VISIBLE STITCH WELDS; PAINT FINISH TO MATCH METAL FINISH.
- ALL EXPOSED METAL COMPONENTS & ATTACHMENTS ARE TO BE PAINTED.



6 EGRESS STAIR - FIRST FLOOR
SCALE: 1/4" = 1'-0"

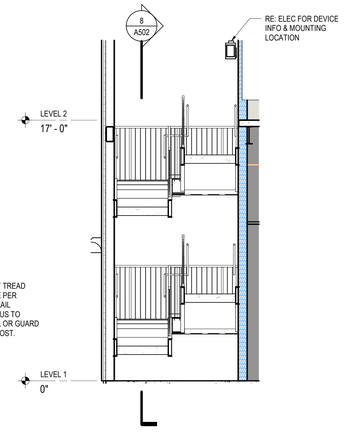


7 EGRESS STAIR - SECOND FLOOR
SCALE: 1/4" = 1'-0"



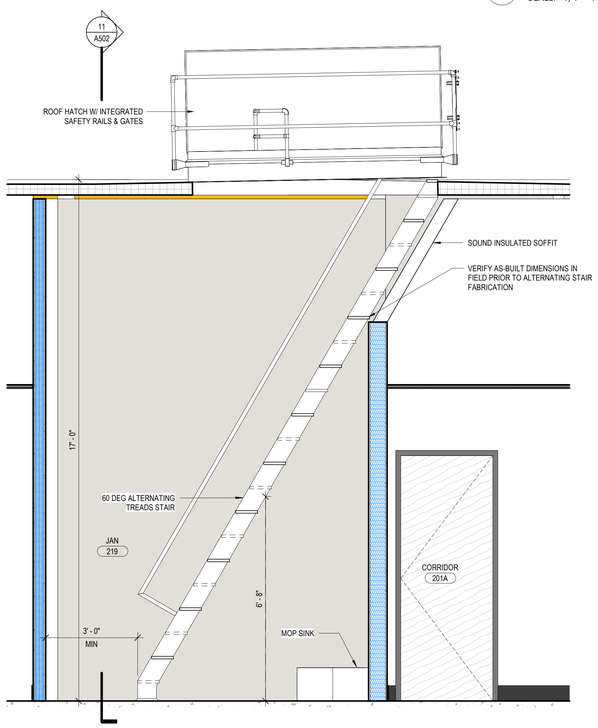
NOTE:
VERIFY AS-BUILT DIMENSIONS IN FIELD PRIOR TO STAIR FABRICATION

8 EGRESS STAIR - SECTION
SCALE: 1/4" = 1'-0"

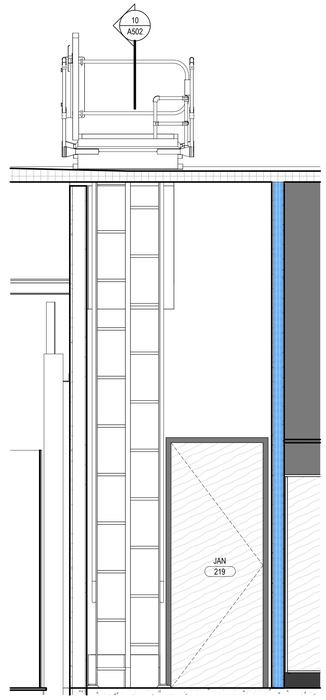


NOTE:
ALL HANDRAILS SHALL EXTEND PAST TREAD NOSINGS TO THE PROPER DISTANCE PER APPLICABLE BUILDING CODE. HANDRAIL TERMINATIONS SHALL BE CONTINUOUS TO THEMSELVES, RETURNED TO A WALL OR GUARD SURFACE, OR TERMINATED INTO A POST.

9 EGRESS STAIR - CROSS SECTION
SCALE: 1/4" = 1'-0"

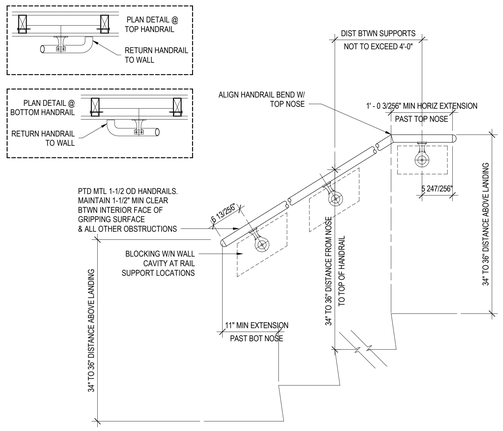


10 ALT TREADS STAIR SECTION
SCALE: 1/2" = 1'-0"

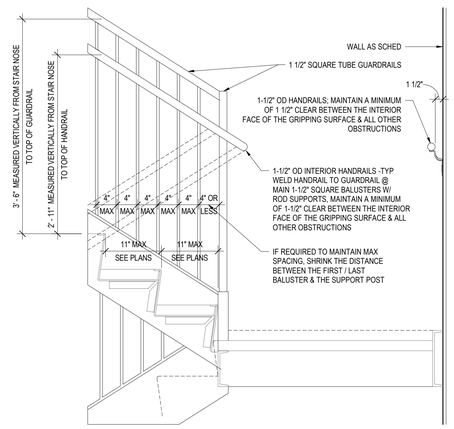


11 ALT TREADS STAIR CROSS SECTION
SCALE: 1/2" = 1'-0"

NOTE:
ALL HANDRAIL ENDS SHALL BE RETURNED TOWARD A WALL, GUARD WALKING SURFACE CONTINUOUS TO ITSELF, OR TERMINATE TO A POST.



WALL MOUNTED STAIR HANDRAIL TYP DETAIL
SCALE: 1" = 1'-0"



TYPICAL STAIR DETAILS
SCALE: 1" = 1'-0"

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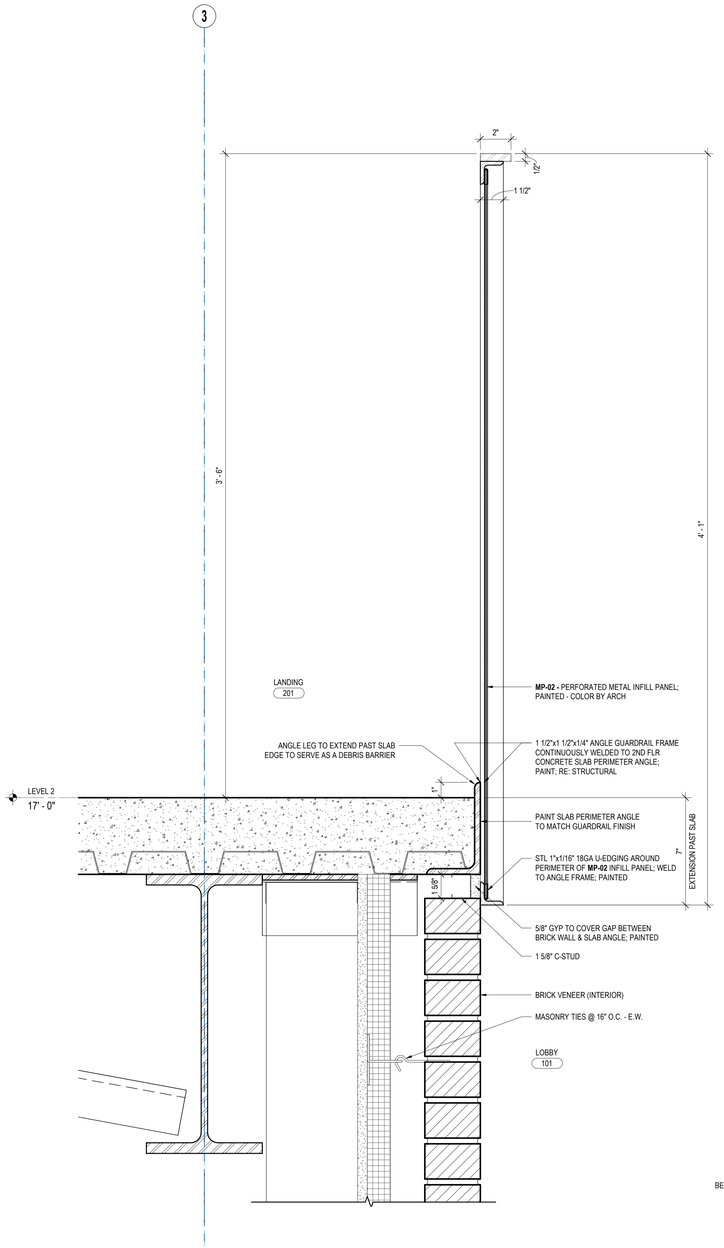
#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

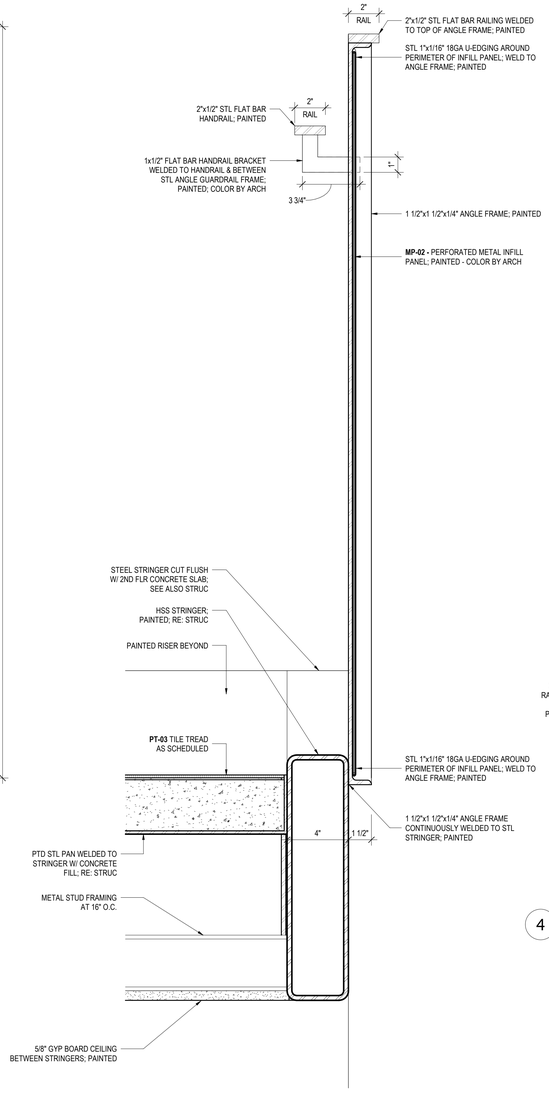
TITLE: VERTICAL CIRCULATION - STAIRS

A502

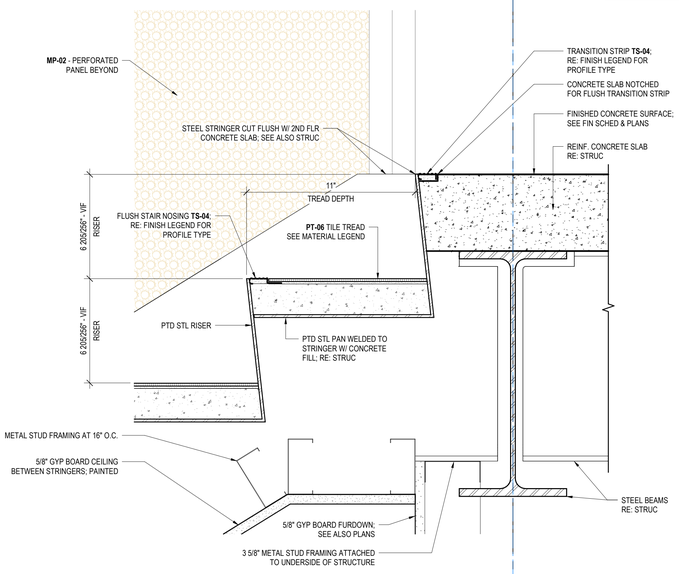
MISC. METALS NOTE:
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- PROTRUDING WELDS ARE TO BE GROUND SMOOTH WITH BASE METAL.
- TOOLED PAINTABLE/FLEXABLE SEALANT TO BE USED BETWEEN VISIBLE STITCH WELDS; PAINT FINISH TO MATCH METAL FINISH.
- ALL EXPOSED METAL COMPONENTS & ATTACHMENTS ARE TO BE PAINTED.



1 GUARDRAIL ATTACHMENT @ 2ND FLOOR LANDING
SCALE: 3" = 1'-0"



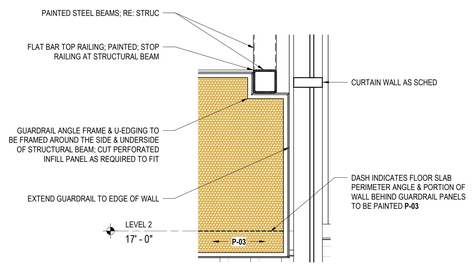
2 GUARDRAIL TO STRINGER ATTACHMENT @ LOBBY STAIR
SCALE: 3" = 1'-0"



3 TOP LANDING TRANSITION @ LOBBY STAIR - SECTION DTL
SCALE: 3" = 1'-0"

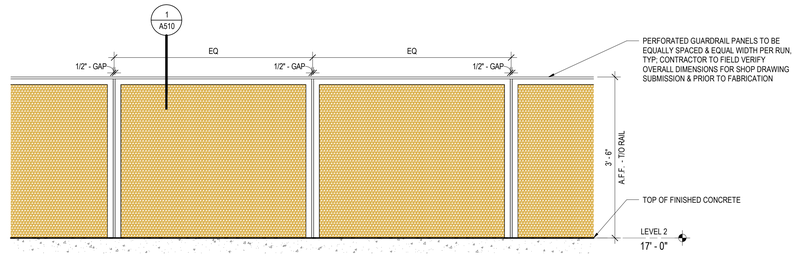
4 EMBEDDED HANDRAIL POST - SECTION DTL
SCALE: 3" = 1'-0"

5 HANDRAIL BRACKET TO GUARDRAIL TYP - PLAN DTL
SCALE: 3" = 1'-0"



6 PERFORATED GUARDRAIL @ STRUC BEAM - OPP SIDE SIM
SCALE: 3/4" = 1'-0"

7 PERFORATED GUARDRAIL - FRONT ELEVATION - TYP
SCALE: 3/4" = 1'-0"



8 PERFORATED GUARDRAIL - BACK ELEVATION - TYP
SCALE: 3/4" = 1'-0"

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0 1"

UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		
DATE:		08/31/2026

TITLE: VERTICAL CIRCULATION - STAIRS DETAILS

A510

DOOR PANEL TYPE LEGEND

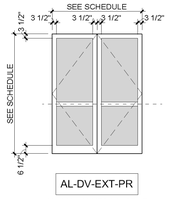
1. TYPICAL DOOR TYPES:

   AL = PREFIX FOR ALUMINUM DOOR PANEL
   HM = PREFIX FOR HOLLOW METAL DOOR PANEL
   WD = PREFIX FOR WOOD DOOR PANEL

2. TYPICAL DOOR CONFIGURATIONS:

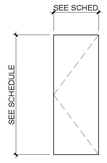
   F = FLUSH
   FG = FULL GLASS
   DV = DIVIDED GLASS

DOOR PANEL TYPES - EXTERIOR



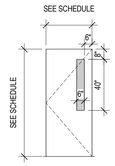
AL-DV-EXT-PR

ALUMINUM MEDIUM STILE DOOR PAIR WITH 1" INSULATED GLAZING PANEL AND 3-1/2" HORIZONTAL RAIL



HM-F-EXT

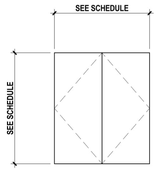
FLUSH PANEL INSULATED HOLLOW METAL DOOR



HM-G-EXT

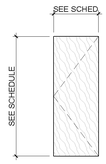
INSULATED HOLLOW METAL W/ LIGHT

DOOR PANEL TYPES - INTERIOR



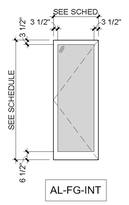
HM-F-INT-PR

18 GA. FLUSH PANEL HOLLOW METAL DOOR



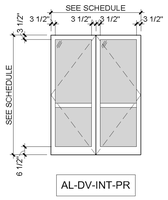
WD-F-INT

1 3/4" SOLID CORE STANDARD GRADE PREFINISHED WOOD DOOR - SEE GENERAL NOTES FOR SPECIES, CUT, AND STAIN



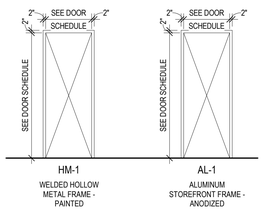
AL-FG-INT

ALUMINUM MEDIUM STILE DOOR WITH 1/4" GLAZING PANEL



AL-DV-INT-PR

ALUMINUM MEDIUM STILE DOOR PAIR WITH 1/4" GLAZING PANEL AND 3-1/2" HORIZONTAL RAIL



TYPICAL DOOR FRAME TYPES

SCALE: 1/4" = 1'-0"

GENERAL DOOR NOTES

1. DOOR FRAME OPENINGS ARE TO BE HELD 4" FROM FINISH WALL TYPICAL, UNLESS DIMENSIONED OR NOTED OTHERWISE
2. DOOR CLOSER TO BE MOUNTED ON INSIDE OF DOOR TYPICAL, UNLESS NOTED OTHERWISE. NO CLOSER TO BE VISIBLE FROM CORRIDOR SIDE OF DOOR.
3. WHERE DOOR SCHEDULE INDICATES A DOOR CLOSER THE BUTTS ARE TO BE OF THE BALL BEARING TYPE, TYPICAL.
4. ALL DOOR HARDWARE TO BE LEVER OR PUSH/PULL TYPE, NOT REQUIRING GRASPING OR TWISTING.
5. PROVIDE THREE (3) NEW, GRAY, DOOR SILENCERS FOR ALL NEW DOORS
6. ALL DOOR / FRAME ASSEMBLIES CONTAINED IN AN ACOUSTIC PARTITION TYPES TO HAVE PERIMETER GASKETING.
7. ALL DOORS CONTAINED ACOUSTIC WALLS TO HAVE CONTINUOUS ACOUSTICAL SWEEP.
8. COORDINATE KEYING WITH OWNER
9. PROVIDE MASTER AND GRANDMASTER KEYS FOR OWNER AS REQUESTED
10. PROVIDE TEMPORARY CONSTRUCTION CORES AS NEEDED.
    A. VENEERED WOOD DOORS - SEE SPECIFICATIONS

DOOR SCHEDULE

		DOOR				FRAME		HARDWARE					
MARK	FIRE RATING	WIDTH	HEIGHT	TYPE	FINISH	TYPE	FINISH	HARDWARE SET	CLOSER	PANIC DEVICE	ACCESS CONTROL	SOUND GASKETING	REMARKS
LEVEL 1													
100	0	6' - 0"	10' - 0"	AL-DV-INT-PR	PREFINISHED	SF100-1	PREFINISHED	2	•			•	
102	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	18				•	
102A	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	24				•	
102B	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	17				•	
102C-1	0	3' - 0"	8' - 0"	AL-FG-INT	PREFINISHED	AL-1	PREFINISHED	13				•	
102C-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	24				•	
102D	0	3' - 0"	8' - 0"	AL-FG-INT	PREFINISHED	AL-1	PREFINISHED	12				•	
103	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	18				•	
104	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	22	•			•	
105	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	26	•			•	
106	0	3' - 0"	8' - 0"	AL-FG-INT	PREFINISHED	AL-1	PREFINISHED	13				•	
107	0	3' - 0"	8' - 0"	AL-FG-INT	PREFINISHED	AL-1	PREFINISHED	13				•	
108	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	18				•	
109	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	19	•			•	
110	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	17	•			•	
111	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	26	•			•	
112	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	23	•			•	
113	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	18				•	
114	0	3' - 0"	8' - 0"	AL-FG-INT	PREFINISHED	AL-1	PREFINISHED	13				•	
115	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	14		•		•	
116	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	14		•		•	
117-1	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	14		•		•	
117-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	14		•		•	
118	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	8	•		•	•	
119	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	9	•		•	•	
120	0	3' - 0"	8' - 0"	AL-FG-INT	PREFINISHED	SF120	PREFINISHED	11	•			•	
E100	0	6' - 0"	10' - 0"	AL-DG-EXT-PR	PREFINISHED	SFE100	PREFINISHED	1	•		•	•	
E118	0	3' - 0"	8' - 0"	HM-F-EXT	PAINTED	HM-1	PAINTED	4	•		•	•	
E120	0	3' - 0"	8' - 0"	HM-G-EXT	PAINTED	HM-1	PAINTED	3	•	•	•	•	
ELEV	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	20				•	
S2-1	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	15	•	•		•	
LEVEL 2													
203-1	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	6	•	•	•	•	
203-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	16				•	
204	0	3' - 6"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED	27				•	
205-1	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	10	•		•	•	
205-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	10	•		•	•	
206	0	3' - 6"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED	27				•	
207-1	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	20				•	
207-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	20				•	
208	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	24				•	
209-1	0	4' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED	28				•	
209-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	25				•	
210-1	0	4' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED	28				•	
210-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	24				•	
211	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	24				•	
212-1	0	4' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED	28				•	
212-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	25				•	
213-1	0	4' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED	28				•	
213-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	24				•	
214	0	8' - 0"	8' - 0"	HM-F-INT-PR	PAINTED	HM-1	PAINTED	7	•	•	•	•	
215	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	21				•	
216	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	18				•	
217	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	18				•	
218	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	18				•	
219	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	19	•			•	
220	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	17	•			•	
221	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	26	•			•	
222	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	26	•			•	
S2-2	0	3' - 0"	8' - 0"	WD-F-INT	STAINED WOOD	HM-1	PAINTED - SEE A701	5	•	•	•	•	

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VERIFY SCALE
0 1"

UAPB HEALTH & ALLIED SCIENCES BUILDING
UNIVERSITY OF ARKANSAS AT PINE BLUFF

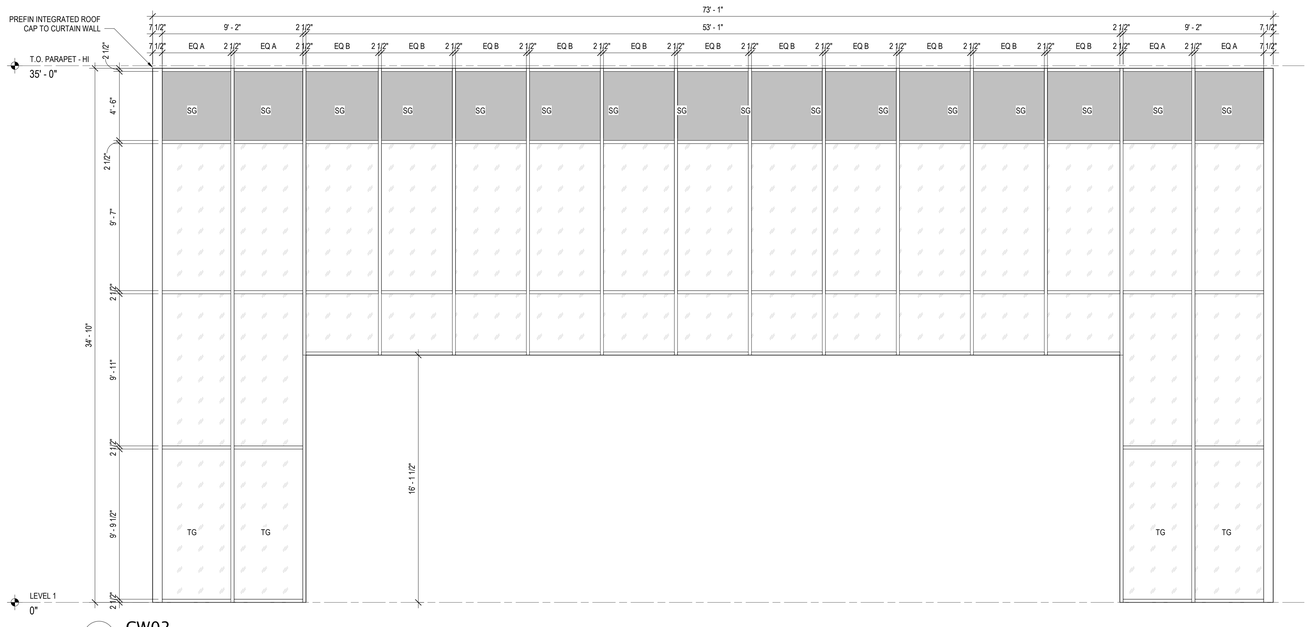
#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

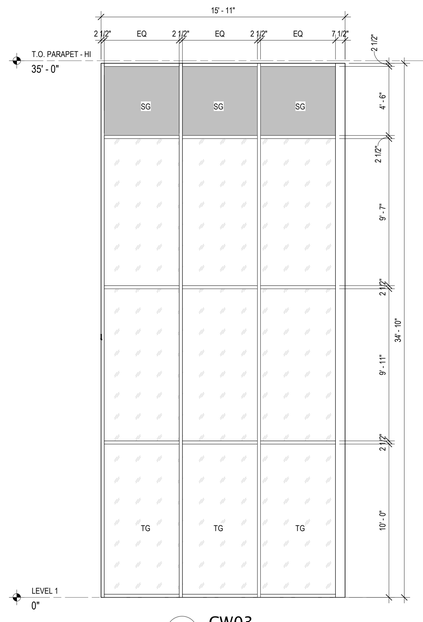
TITLE: DOOR & FRAME SCHEDULE & TYPES

A601

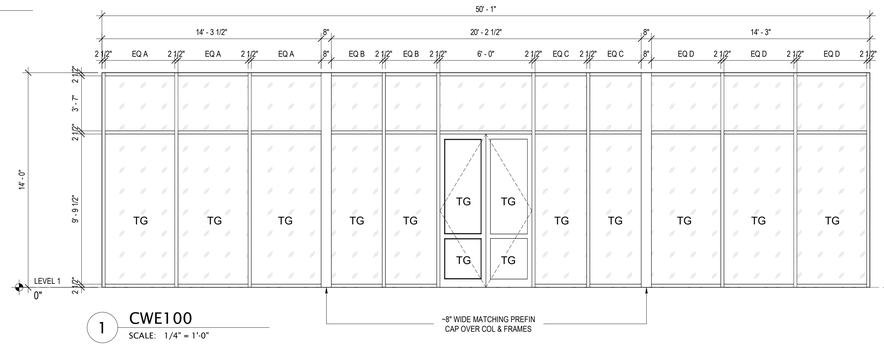
CURTAIN WALL TYPES



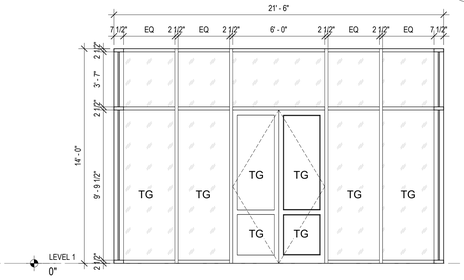
2 CW02
SCALE: 1/4" = 1'-0"



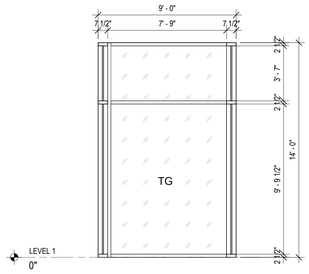
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1 CWE100
SCALE: 1/4" = 1'-0"

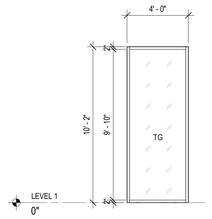


6 CW100-1
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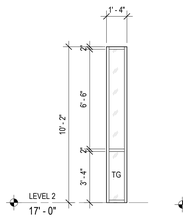


7 CW100-2
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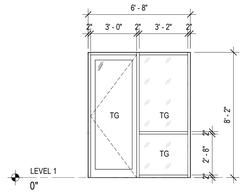
STOREFRONT TYPES



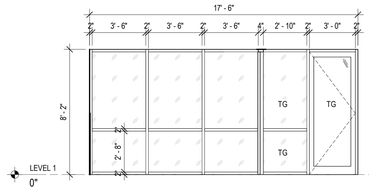
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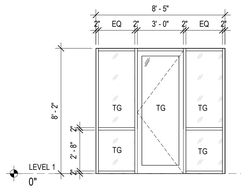
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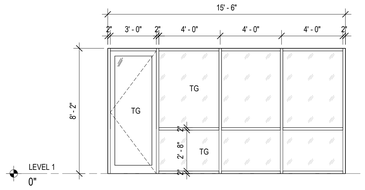
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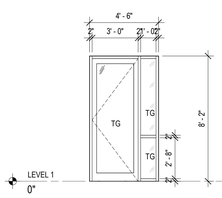
9 SF102D
SCALE: 1/4" = 1'-0"



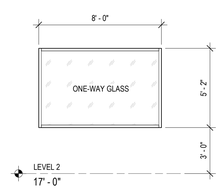
10 SF106
SCALE: 1/4" = 1'-0"



11 SF114
SCALE: 1/4" = 1'-0"



12 SF120
SCALE: 1/4" = 1'-0"

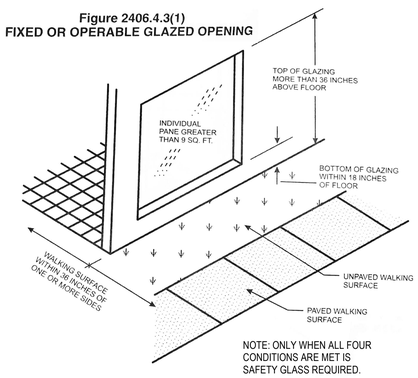


13 SF211
SCALE: 1/4" = 1'-0"

CURTAIN WALL & STOREFRONT NOTES:

REFER TO SPECS

TG = TEMPERED GLASS (ALSO WHERE REQ'D BY CODE)
SG = SPANDREL GLASS (SHADED)



IBC 2021 SAFETY GLAZING LOCATIONS @ WINDOWS
SCALE: 3/8" = 1'-0"

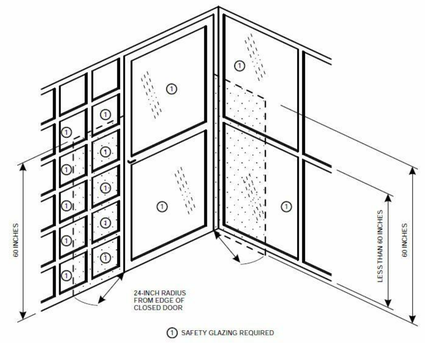


Figure 2406.4(3)
SAFETY GLAZING IN CLOSE PROXIMITY TO DOORS

IBC 2021 SAFETY GLAZING LOCATIONS @ DOORS
SCALE: 3/8" = 1'-0"

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VERIFY SCALE
0 1"

UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		
DATE:		08/31/2026
TITLE:		WINDOW TYPES & DETAILS

A602

GENERAL MATERIALS SELECTION NOTES

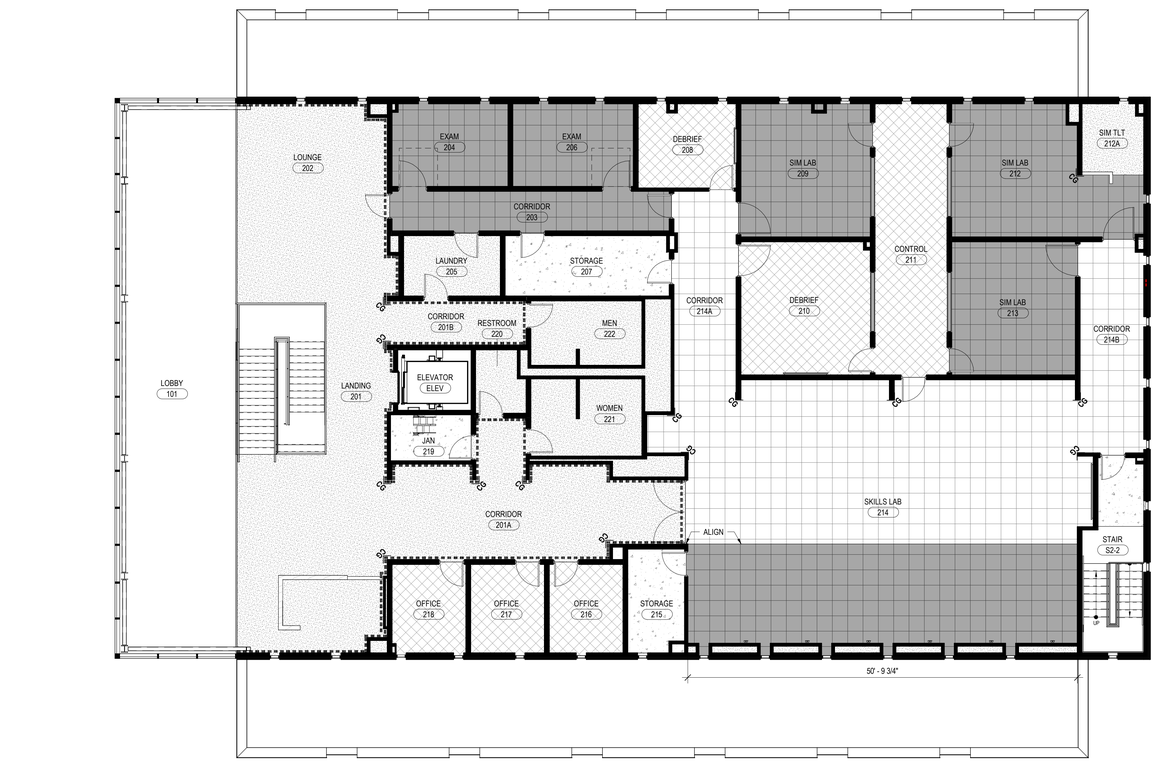
1. REFER TO INTERIOR ELEVATIONS, REFLECTED CEILING PLANS, AND MILLWORK ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION. CONTRACTOR TO BRING ANY DISCREPANCIES TO THE ATTENTION OF THE DESIGNER TO ENSURE THAT THE CORRECT MATERIAL IS INSTALLED.
2. ALL INTERIOR WALLS TO BE PAINTED **P-01**, UNLESS OTHERWISE NOTED.
3. ALL GYP CEILINGS TO BE PAINTED **P-01**, UNLESS OTHERWISE NOTED.
4. ALL INTERIOR DOOR FRAMES TO BE PAINTED **P-04**, UNLESS OTHERWISE NOTED.
5. SEE SHEETS A401 - A405 FOR ACCENT WALL PAINT ELEVATIONS AND LOCATIONS.
6. FLOOR PATTERN SHALL BE CENTERED WITHIN RESPECTIVE ROOMS, UNLESS OTHERWISE NOTED.
7. ALL FLOOR MATERIAL TRANSITIONS TO OCCUR AT MIDPOINT OF CLOSED DOOR, UNLESS OTHERWISE NOTED.
8. ALL FLOORING TO CONTINUE TO THE TOEKICK OF CASEWORK / MILLWORK OR BASE OF WALL.
9. ALL WALLS TO RECEIVE RUBBER BASE (**RB-01**), UNLESS OTHERWISE NOTED.
10. ALL EXPOSED STRUCTURAL COLUMNS TO BE PAINTED **P-04**, UNLESS OTHERWISE NOTED.

FINISH SCHEDULE

Number	ROOM NAME	WALLS	CEILING FINISH	FLOOR FINISH	BASE	REMARKS
LEVEL 1						
100	VESTIBULE	METAL/GLASS	METAL	CPT-03	N/A	
101	LOBBY	PTD GYP	GYP	POLISHED CONC	RB-02	
101A	CORRIDOR	PTD GYP	ACT-01	POLISHED CONC	RB-02	
101B	CORRIDOR	PTD GYP	ACT-01	POLISHED CONC	RB-02	
101C	CORRIDOR	PTD GYP	ACT-01	POLISHED CONC	RB-02	
102	PT LAB	PTD GYP	ACT-01	RBF-01 / RBF-02	RB-01	
102A	TREATMENT	PTD GYP	ACT-01	RBF-02	RB-01	
102B	TOILET	TILE	GYP	PT-03	PT-05A	
102C	HALL	PTD GYP	ACT-01	PT-03	PT-05A	
102D	TUB	TILE	ACT-01	PT-03	PT-05A	
103	KINESIOLOGY LAB	PTD GYP	ACT-01	RBF-01 / RBF-02 / RBF-03	RB-01	
104	STORAGE	PTD GYP	ACT-01	SEALED CONC	RB-01	
105	MEN	TILE	GYP	POLISHED CONC	PT-04	
106	STUDY	PTD GYP	ACT-01	CPT-02	RB-01	
107	STUDY	PTD GYP	ACT-01	CPT-02	RB-01	
108	OFFICE	PTD GYP	ACT-01	CPT-02	RB-01	
109	JAN	PTD GYP	ACT-01	SEALED CONC	RB-01	
110	RESTROOM	TILE	GYP	POLISHED CONC	PT-04	
111	WOMEN	TILE	GYP	POLISHED CONC	PT-04	
112	BREAK	PTD GYP	ACT-01	POLISHED CONC	RB-01	
113	OFFICE	PTD GYP	ACT-01	CPT-02	RB-01	
114	CONF	PTD GYP	ACT-01	CPT-02	RB-01	
115	CLASSROOM	PTD GYP	ACT-01	CPT-01	RB-01	
116	CLASSROOM	PTD GYP	ACT-01	CPT-01	RB-01	
117	CLASSROOM	PTD GYP	ACT-01	CPT-01	RB-01	
118	MECH/ELEC	PTD GYP	EXPOSED	SEALED CONC	RB-01	
119	TELECOM	PTD GYP	EXPOSED	SEALED CONC	RB-01	
120	VESTIBULE	PTD GYP	EXPOSED	SEALED CONC	RB-01	
ELEV	ELEVATOR	N/A	EXPOSED	RBF-01	N/A	
S2-1	STAIR	PTD GYP	EXPOSED	SEALED CONC	RB-01	
LEVEL 2						
201	LANDING	PTD GYP	GYP	POLISHED CONC	RB-02	
201A	CORRIDOR	PTD GYP	GYP	POLISHED CONC	RB-02	
201B	CORRIDOR	PTD GYP	GYP	POLISHED CONC	RB-02	
202	LOUNGE	PTD GYP	GYP	POLISHED CONC	RB-02	
203	CORRIDOR	PTD GYP	ACT-01	RBF-02	RB-01	
204	EXAM	PTD GYP	ACT-01	RBF-02	RB-01	
205	LAUNDRY	PTD GYP	ACT-01	POLISHED CONC	RB-01	
206	EXAM	PTD GYP	ACT-01	RBF-02	RB-01	
207	STORAGE	PTD GYP	ACT-01	SEALED CONC	RB-01	
208	DEBRIEF	PTD GYP	ACT-01	CPT-04	RB-01	
209	SIM LAB	PTD GYP	ACT-01	RBF-02	RB-01	
210	DEBRIEF	PTD GYP	ACT-01	CPT-04	RB-01	
211	CONTROL	PTD GYP	ACT-01	CPT-04	RB-01	
212	SIM LAB	PTD GYP	ACT-01	RBF-02	RB-01	
212A	SIM TLT	PTD GYP	ACT-01	POLISHED CONC	RB-01	
213	SIM LAB	PTD GYP	ACT-01	RBF-02	RB-01	
214	SKILLS LAB	PTD GYP	ACT-01	RBF-01 / RBF-02	RB-01	
214A	CORRIDOR	PTD GYP	ACT-01	RBF-01	RB-01	
214B	CORRIDOR	PTD GYP	ACT-01	RBF-01	RB-01	
215	STORAGE	PTD GYP	ACT-01	SEALED CONC	RB-01	
216	OFFICE	PTD GYP	ACT-01	CPT-04	RB-01	
217	OFFICE	PTD GYP	ACT-01	CPT-04	RB-01	
218	OFFICE	PTD GYP	ACT-01	CPT-04	RB-01	
219	JAN	PTD GYP	EXPOSED	SEALED CONC	RB-01	
220	RESTROOM	TILE	GYP	POLISHED CONC	PT-04	
221	WOMEN	TILE	GYP	POLISHED CONC	PT-04	
222	MEN	TILE	GYP	POLISHED CONC	PT-04	
S2-2	STAIR	PTD GYP	EXPOSED	SEALED CONC	RB-01	

FLOOR AND WALL FINISH LEGEND

FLOORING	WALL PROTECTION
SEALED CONCRETE	FULL HEIGHT CORNER GUARD - **CG-01**
POLISHED CONCRETE	**RB-02**
CPT-01	
CPT-02	
CPT-03	
CPT-04	
PT-03	
RBF-01	
RBF-02	
RBF-03	



N

2 LEVEL 2 FINISH PLAN

SCALE: 1/8" = 1'-0"



N

1 LEVEL 1 FINISH PLAN

SCALE: 1/8" = 1'-0"

VERIFY PRINT IN COLOR

AMR architects

www.amr-architects.com
amr@amr-architects.com
CENTRAL ARKANSAS
T: 501.375.0378

REG. ARCHITECT, NO. 08.31.26 AMR ARCHITECTS, INC. ARKANSAS

VERIFY SCALE

0 1"

UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

TITLE: FINISH PLANS & SCHEDULES

A701

INTERIOR FINISH LEGEND

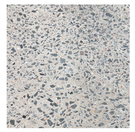
PRODUCTS LISTED ARE **BASIS OF DESIGN**.



ACT-01 **2X2 ACOUSTIC CEILING TILE - NRC 0.75**

MANUFACTURER: ROCKFON
PRODUCT LINE: ROCKFON ARTIC
ITEM NUMBER: 620
SIZE: 2' X 2' X 5/8" ACT SYSTEM
DESCRIPTION: SQUARE NARROW LAY-IN
GRID SIZE: 15/16"
COLOR: WHITE
NRC: 0.75

CONTACT: CARLIE MASSERY, JE ALLEN CO
PHONE: (501) 813-5169
EMAIL: carlie@jeallenco.com



CONC **POLISHED CONCRETE**

POLISHED CONCRETE WITH EXPOSED AGGREGATE APPEARANCE - SEE SPEC



CG-01 **WALL PROTECTION - CORNER GUARD**

MANUFACTURER: INPRO ARCHITECTURAL PRODUCTS
PRODUCT: CORNER GUARDS
COLOR: TBD FROM STANDARD
MATERIAL: HIGH IMPACT VINYL, FLUSH

SEE FINISH PLAN FOR LOCATIONS



CP-01 **CABINET PULL 1**

MANUFACTURER: ELEMENTS
NAME: NAPLES
MODEL NUMBER: 156SN
DESCRIPTION: BAR STYLE SOLID STEEL HANDLE
FINISH: SATIN NICKEL
SIZE: 3 3/4" CENTER TO CENTER

NOTE: CABINET PULLS TO BE INSTALLED ON ALL MILLWORK CABINETS AS SHOWN IN ELEVATION



CPT-01 **CARPET**

MANUFACTURER: INTERFACE
COLLECTION: RISING SIGNS
STYLE PLAY THE ANGLE
COLOR: NITROGEN
COLOR NUMBER: 107190
SIZE: 25 CM
INSTALL PATTERN: ASHLAR

CONTACT: VALERIE RUHL
PHONE: 501-697-6287
EMAIL: valerie.ruhl@interface.com



CPT-02 **CARPET**

MANUFACTURER: MILLIKEN
COLLECTION: REMIXED REMASTERED
STYLE BASS LINE
COLOR: VINYL
ACCENT COLOR: DORIC
COLOR NUMBER: BSL231-27
SIZE: 1M X 1M
BACKING: WELLBAC COMFORT

CONTACT: JENNY WOLFF
PHONE: 816-814-5890
EMAIL: jennifer.wolff@Milliken.com



CPT-03 **WALK-OFF CARPET**

MANUFACTURER: INTERFACE
COLLECTION: STEP REPEAT COLLECTION - SR999
COLOR: 104945 ONYX
SIZE: 50cm X 50cm
INSTALL PATTERN: NON-DIRECTIONAL

CONTACT: VALERIE RUHL
PHONE: 501-697-6287
EMAIL: valerie.ruhl@interface.com



CPT-04 **CARPET**

MANUFACTURER: MILLIKEN
COLLECTION: CONSEQUENCE LEGACY
STYLE ENMESH
COLOR: SHADOW
COLOR NUMBER: ENM108-27
SIZE: 50 CM X 50 CM X 10.4 MM
BACKING: WELLBAC COMFORT

CONTACT: JENNY WOLFF
PHONE: 816-814-5890
EMAIL: jennifer.wolff@Milliken.com



CT-01 **MEDICAL CURTAIN PARTITIONS**

MANUFACTURER: INPRO ARCHITECTURAL PRODUCTS
DESCRIPTION: STANDARD CUBICLE CURTAINS
STYLE & COLOR: SOFETTI - CHAMOMILE
COLOR NUMBER: 152267
TOP MESH FABRIC: WHITE

PROVIDE PHYSICAL SAMPLE FOR ARCHITECT APPROVAL



CTP-01 / BS-01 **COUNTERTOP 1 / BACKSPLASH 1**

TYPE: QUARTZ
THICKNESS: 3CM COUNTERTOP
2CM BACKSPLASH
MANUFACTURER: MSI SURFACES
COLOR NAME: CARRARA TRIGATO

CONTACT: AMY RAVY
PHONE: 972-764-4110
EMAIL: amy.ravy@msisurfaces.com

P-01 **PAINT 1**

MANUFACTURER: BENJAMIN MOORE
TYPE: PROMAR 200 ZERO VOC INTERIOR LATEX
COLOR NAME: COLLINGWOOD
COLOR NUMBER: OC-28
SHEEN: EG-SHEL

ALL GYP WALLS, GYP CEILINGS, AND GYP SOFFITS TO BE PAINTED P-01 UNLESS OTHERWISE NOTED



P-02 **PAINT 2**

MANUFACTURER: BENJAMIN MOORE
TYPE: PROMAR 200 ZERO VOC INTERIOR LATEX
COLOR NAME: BURNT EMBER
COLOR NUMBER: CSP-120
SHEEN: EG-SHEL



P-03 **PAINT 3**

MANUFACTURER: SHERWIN WILLIAMS
TYPE: PROMAR 200 ZERO VOC INTERIOR LATEX
COLOR: RGB: 253, 185, 19
PANTONE: 130C
SHEEN: EG-SHEL

**PAINT COLOR TO MATCH UAPB'S SCHOOL YELLOW*



P-04 **PAINT 4**

MANUFACTURER: SHERWIN WILLIAMS
TYPE: PROMAR 200 ZERO VOC INTERIOR LATEX
COLOR NAME: BLACK MAGIC
COLOR NUMBER: SW 6991
SHEEN: EG-SHEL

P-05 **PAINT 5**

MANUFACTURER: BENJAMIN MOORE
TYPE: SCUFF-X INTERIOR PAINT
COLOR NAME: PALE MOGIC
COLOR NUMBER: OC-108
SHEEN: EG-SHEL

P-06 **PAINT 6**

MANUFACTURER: BENJAMIN MOORE
TYPE: PROMAR 200 ZERO VOC INTERIOR LATEX
COLOR NAME: CALMING CREAM
COLOR NUMBER: OC-105
SHEEN: EG-SHEL

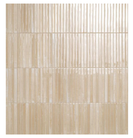


PLAM-01 **PLASTIC LAMINATE 1**

MANUFACTURER: WILSONART
TYPE: STANDARD LAMINATE
FINISH: SILKEN WOOD
FINISH NUMBER: 17
COLOR NAME: CAROLINA ASH
COLOR NUMBER: 8287

PLAM-02 **PLASTIC LAMINATE 2**

MANUFACTURER: WILSONART
TYPE: STANDARD LAMINATE
FINISH: FINE VELVET
FINISH NUMBER: 38
COLOR NAME: WHITE CARRARA
COLOR NUMBER: 4924



PT-01 **PORCELAIN WALL TILE**

MANUFACTURER: MSI SURFACES
COLLECTION: GEMS
COLOR NAME: GEMS CAPPUCCINO FLUTED TILE
FINISH: GLOSSY / GLAZED
SIZE: 5" X 10"
GROUT: GROUT COLOR TBD

CONTACT: AMY RAVY
PHONE: 972-764-4110
EMAIL: amy.ravy@msisurfaces.com



PT-02 **PORCELAIN WALL TILE**

MANUFACTURER: MSI SURFACES
COLLECTION: STELLA
COLOR NAME: STELLA BISCOTTI
FINISH: GLOSSY
SIZE: 2" X 10"
INSTALL PATTERN: LINEAR
GROUT: GROUT COLOR TBD

CONTACT: AMY RAVY
PHONE: 972-764-4110
EMAIL: amy.ravy@msisurfaces.com



PT-03 **PORCELAIN FLOOR TILE**

MANUFACTURER: TILEBAR
COLLECTION: BRONX
COLORS: BLACK
FINISH: MATTE
SIZE: 12" X 24"
THICKNESS: 8MM
INSTALL PATTERN: RUNNING BOND / BRICK



PT-04 **PORCELAIN COVE BASE**

MANUFACTURER: DALTILE
COLLECTION: COLOR WHEEL LINEAR - FLAT TOP COVE BASE
COLORS: GLOSSY URBAN PUTTY
SIZE: 4" X 12"
INSTALL PATTERN: SEE ELEVATIONS FOR ALIGNMENT
GROUT: GROUT COLOR TBD



PT-05 & PT-05A **PORCELAIN WALL TILE & PORCELAIN COVE BASE**

MANUFACTURER: DALTILE
COLLECTION: COLOR WHEEL LINEAR
COLORS: MATTE BISCUIT
SIZE: 4" X 12"
INSTALL PATTERN: RUNNING BOND 1/2 OFFSET
GROUT: GROUT COLOR TBD

CORRESPONDING FLAT TOP COVE BASE, WILL BE USED AS NOTED IN DRAWINGS (PT-05A**)*



PT-06 **PORCELAIN STAIR TREAD**

MANUFACTURER: TILE BAR
COLLECTION: NEW ROCK
TYPE: MATTE PORCELAIN TILE
COLORS: TBD AFTER SLAB HAS BEEN POURED
SIZE: 24" X 48"
GROUT: GROUT COLOR TBD

**TILE SUBJECT TO CHANGE BASED ON APPEARANCE OF CONCRETE SLAB*



RB-01 **RUBBER WALL BASE**

MANUFACTURER: JOHNSONITE
PRODUCT LINE: BASEWORKS THERMOSET RUBBER
DESCRIPTION: BASEWORKS 4"
PROFILE: WITH COVE
COLOR NAME: BLACK
COLOR NUMBER: 40



RB-02 **RUBBER WALL BASE**

MANUFACTURER: JOHNSONITE
PRODUCT LINE: MILLWORK WALL FINISHING SYSTEM
DESCRIPTION: 6" WALL BASE
PROFILE: REVEAL
COLOR NAME: BLACK
COLOR NUMBER: 40



RB-03 **RUBBER WALL BASE - RECEPTION DESK**

MANUFACTURER: JOHNSONITE
PRODUCT LINE: MILLWORK WALL BASE SYSTEM
DESCRIPTION: 1.5" WALL BASE
PROFILE: SHOE MOULDING
COLOR NAME: BLACK
COLOR NUMBER: 40

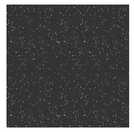


RBF-01 **RUBBER FLOORING**

MANUFACTURER: NORAPLAN
PRODUCT: ENVIRONCARE RUBBER SHEET FLOORING
COLOR: 7036 CLAM BAKE
FORMAT: SHEET
SIZE: 48" X 49.21'
THICKNESS: 2 mm

CONTACT: VALERIE RUHL
PHONE: 501-697-6287
EMAIL: valerie.ruhl@interface.com

SEE FINISH PLAN FOR ESTIMATED AREA OF USE



RBF-02 **RUBBER FLOORING**

MANUFACTURER: NORAPLAN
PRODUCT: ENVIRONCARE RUBBER FLOOR COVERING
COLOR: 7078 HAUNTED HOUSE
FORMAT: SHEET
SIZE: 48" X 49.21'
THICKNESS: 2 mm

CONTACT: VALERIE RUHL
PHONE: 501-697-6287
EMAIL: valerie.ruhl@interface.com

SEE FINISH PLAN FOR ESTIMATED AREA OF USE



RBF-03 **RUBBER FLOORING**

MANUFACTURER: NORAPLAN
PRODUCT: ENVIRONCARE RUBBER FLOOR COVERING
COLOR: 7071 CORN MAZE
FORMAT: SHEET
SIZE: 48" X 49.21'
THICKNESS: 2 mm

CONTACT: VALERIE RUHL
PHONE: 501-697-6287
EMAIL: valerie.ruhl@interface.com

SEE FINISH PLAN FOR ESTIMATED AREA OF USE



RS-01 MOTORIZED ROLLER SHADES

MANUFACTURER: DRAPER
TYPE: STANDARD MOTORIZED SOLAR SHADES
FABRIC COLLECTION: MERMET
COLLECTION #: E SCREEN
COLOR NAME: TBD FROM STANDARD COLORS
FABRIC OPENNESS: 3%
SIZE: VARIES; VIF
CHANNEL FINISH: WHITE
RECESSED POCKET SHADE

LOCATIONS TO BE NOTED ON RCP



SP-01 **ADA SHOWER PAN**

MANUFACTURER: FREEDOM SHOWERS
PRODUCT: ADA SHOWER BASE
MODEL #: APF6238BFPAN
SIZE: 62 3/8" x 38 1/4"
COLOR: WHITE

SS-01 **SWANSTONE SUBWAY TILE SHOWER WALL PANELS**

MANUFACTURER: SWANSTONE
PRODUCT LINE: SWANSTONE SERIES
DESCRIPTION: MODERN SUBWAY TILE WALL PANEL
COLOR NAME: WHITE
PATTERN: MODERN SUBWAY TILE (MS)
PART NUMBER: MSMK8430.010
INTERNET SKU: MSMK8430
SIZE: VERIFY MEASUREMENTS IN FIELD, CAN BE TRIMMED TO FIT
FINISH EDGE: ALL EXPOSED EDGES SHALL BE FINISHED TO MATCH SHEEN OF PANEL SURFACE



TS-01 **REDUCER TRANSITION**

MANUFACTURER: SCHLUTER SYSTEMS
DESCRIPTION: FLOORING TRANSITION
PRODUCT: VINPRO-U REDUCER
FINISH: BRUSHED NICKEL

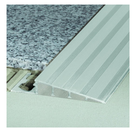
NOTE: USE TS-01 REDUCER FOR ALL CARPET TO RUBBER, CARPET TO CONCRETE, & RUBBER TO CONCRETE TRANSITIONS



TS-02 **SCHLUTER TRIM PIECE**

MANUFACTURER: SCHLUTER SYSTEMS
PRODUCT LINE: JOLLY TRIM
DESCRIPTION: FINISHING & EDGE PROTECTION TRIM
PRODUCT TYPE: PROFILE
COLOR NAME: BLACK

NOTE: USE TS-02 TRIM PIECE AT THE TOP EDGE OF ALL WALL TILE THAT DOES NOT MEET THE CEILING



TS-03 **TILE TO CONCRETE TRANSITION**

MANUFACTURER: SCHLUTER SYSTEMS
DESCRIPTION: FLOORING TRANSITION
PRODUCT: RENO-RAMP
FINISH: BRUSHED NICKEL

NOTE: USE TS-03 REDUCER FOR ALL TILE TO CONCRETE TRANSITIONS



TS-04 **STAIR NOSING**

MANUFACTURER: SCHLUTER SYSTEMS
DESCRIPTION: STAIR NOSING W/ SLIP RESISTANT SURFACE
PRODUCT: TREP-E
FINISH: STAINLESS STEEL

NOTE: USE TS-04 FOR NOSING ON ALL STAIRS WITH TILE TREADS



TS-05 **TILE TO RUBBER TRANSITION**

MANUFACTURER: SCHLUTER SYSTEMS
DESCRIPTION: FLOORING TRANSITION
PRODUCT: RENO-U
FINISH: BRUSHED NICKEL

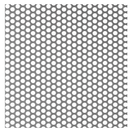
NOTE: USE TS-05 FOR ALL TILE TO RUBBER TRANSITIONS



TP-01 **TOILET PARTITION**

MANUFACTURER: ASI GLOBAL PARTITIONS
COLLECTION: COLOR-THRU PHENOLIC
COLOR NAME: SAHARA BEIGE 4816
MOUNTING: FLOOR ANCHORED/OVERHEAD BRACED
SIZE: SEE DRAWINGS

PROVIDE PHYSICAL SAMPLE FOR ARCHITECT APPROVAL



MP-02 **PERFORATED METAL PANEL**

MANUFACTURER: McNICHOLS® PERFORATED METAL
TYPE: 3/16" ROUND ON 1/4" STAGGERED CENTERS
OPEN AREA: 51%
FASTENER: WELDED,DEBURR & SMOOTH ALL WELDS PRIOR TO PAINTING
GAUGE: 11 GAUGE CARBON STEEL
FINISH: FIELD PAINTED; COLOR AS SELECTED BY ARCHITECT

CONTRACTOR-PROVIDED APPLIANCE LEGEND



MIC-01 **MICROWAVE - W/ 30" TRIM KIT**

MANUFACTURER: GE
MODEL NUMBER: PCWK22U1W
CAPACITY: 2.2 CU FT
DESCRIPTION: MICROWAVE W/ TRIM KIT
FINISH: STAINLESS STEEL



REF-01 **REFRIGERATOR - SIDE BY SIDE**

MANUFACTURER: GE
MODEL NUMBER: GSS23GYPFS
CAPACITY: 23 CU FT
DESCRIPTION: SIDE BY SIDE REFRIGERATOR



WM-01 **WASHER-DRYER**

MANUFACTURER: SPEED QUEEN
PRODUCT CODE: FF7012WN (WASHER) AND DF7004WE (DRYER)
CAPACITY: 3.5 CU FT WASHER / 7 CU FT DRYER
SIZE: 78-1/8" H x 26-7/8" W x 27-3/4" D
DESCRIPTION:
FF7 WHITE RIGHT-HINGED FRONT LOAD
WASHER WITH PET PLUS™ | SANITIZE | FAST CYCLE TIMES | DYNAMIC BALANCING | 5-YEAR WARRANTY.

DF7 SANITIZING WHITE ELECTRIC DRYER WITH FRONT CONTROL | PET PLUS™ | STEAM | OVER-DRY PROTECTION TECHNOLOGY | ENERGY STAR® CERTIFIED | 5-YEAR WARRANTY.



HW-01 **WALL MOUNTED TEACHING HEADWALL - OFCI**

**NOTE: HEADWALL INFORMATION LEFT ON FINISH SHEET IN CASE IT MOVES IN TO GC SCOPE*

MANUFACTURER: AMICO
MODEL NUMBER: 48" WIDE SINGLE TEIR UNIT: **BT-HW48-01T-0-SGEN-C**
PLUMBING NOTE: TIED TO CENTRAL COMPRESSOR
ELECTRICAL NOTE: HARD WIRED ELECTRICAL SERVICE
DESCRIPTION: TEACHING HEADWALL WITH THE FOLLOWING
OUTLETS:
(3) AMICO OHMEDA OUTLETS - OAV
CONNECTED TO CENTRAL COMPRESSED AIR
(2) DUPLEX RECEPTACLE - 1E & 1N
(1) VACUUM SLIDE
(1) NURSE CALL 3 GANG -
WIFI CONNECTED OPERATIONAL SIM UNIT
(1) ACCESSORY PACKAGE:
SUCTION CANISTER, HOLDER & FLOWMETERS

VERIFY PRINT IN COLOR

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CENTRAL ARKANSAS
T: 501.375.0378

REG. ARCHITECT NO. 08.31.26 AMR ARCHITECTS, INC. ARKANSAS

VERIFY SCALE
0 1"

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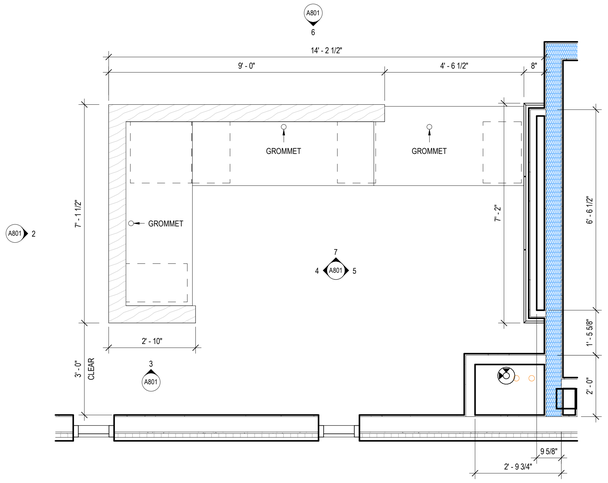
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REVISIONS HISTORY
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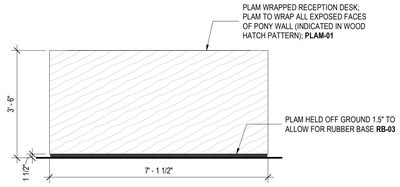
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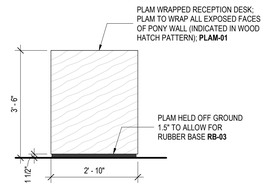
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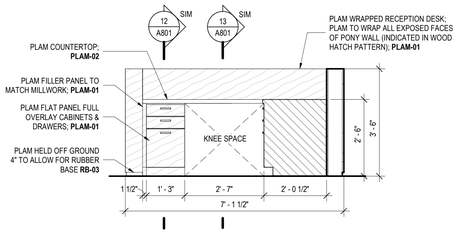
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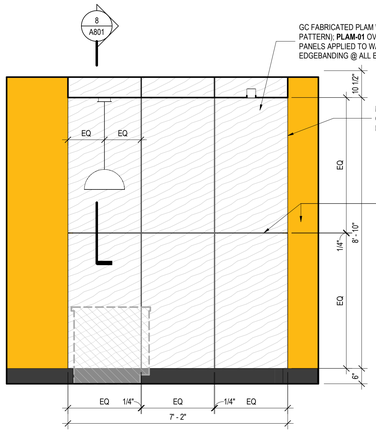
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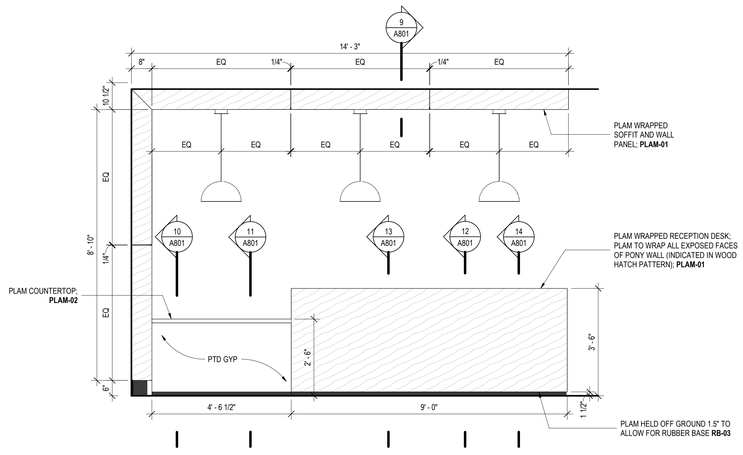
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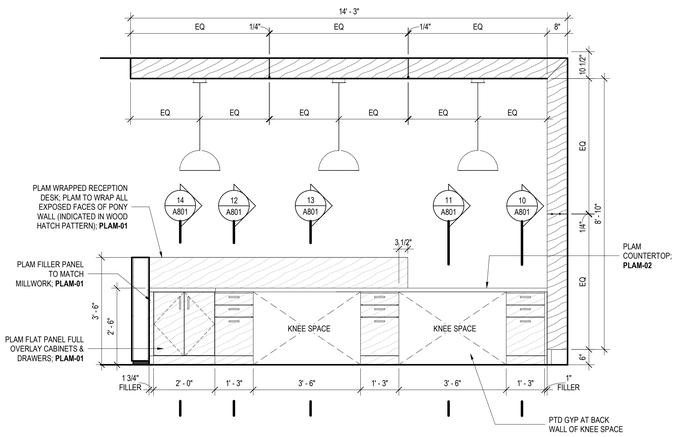
AXON VIEW



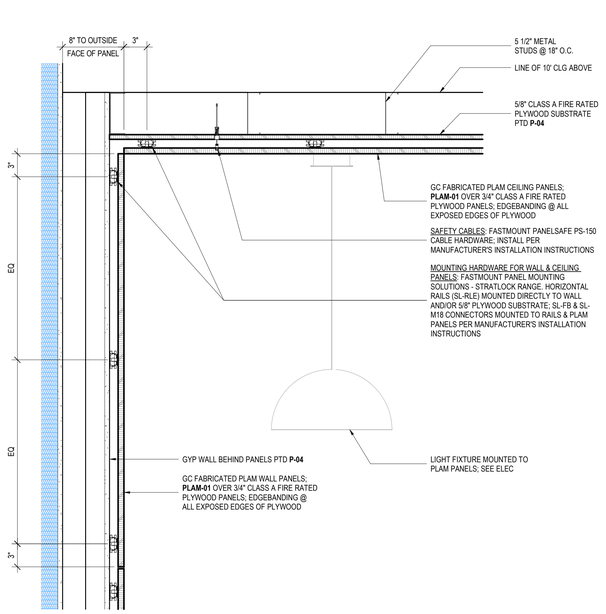
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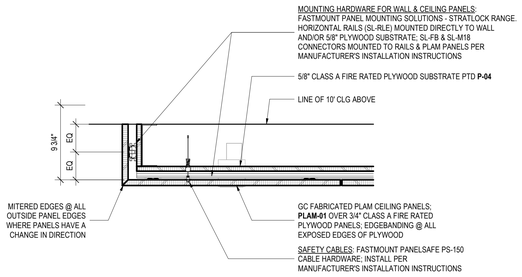
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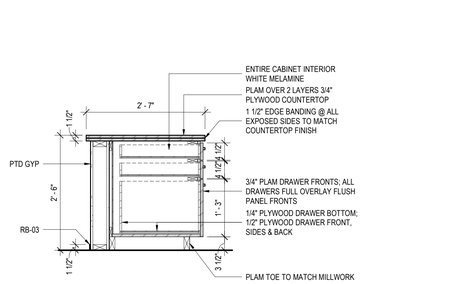
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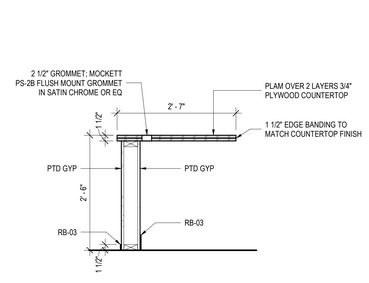
8 PLAM WALL & CEILING DETAIL
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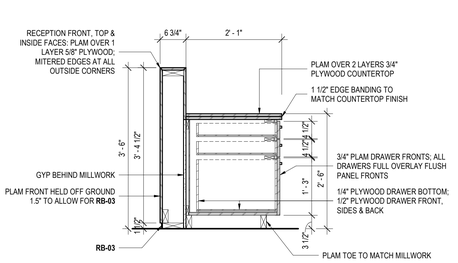
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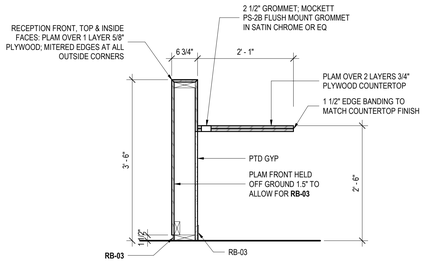
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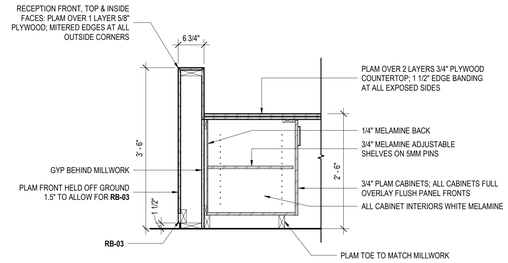
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12 NURSE FILE TYPE B
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13 NURSE KNEE SPACE TYPE B
SCALE: 3/4" = 1'-0"



14 NURSE CABINET
SCALE: 3/4" = 1'-0"

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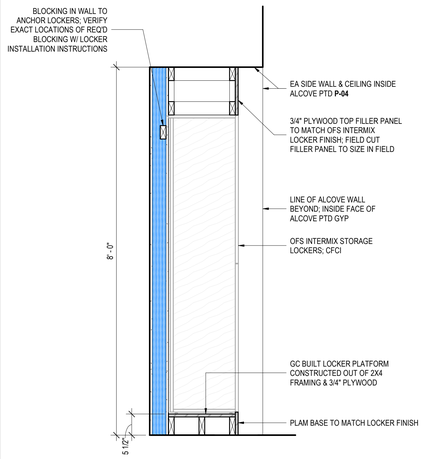
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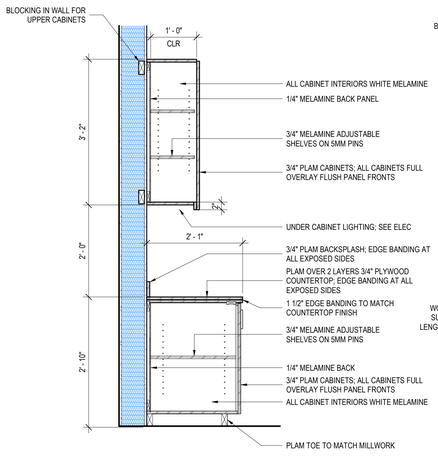
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#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		
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TITLE:		MILLWORK DETAILS - NURSING RECEPTION

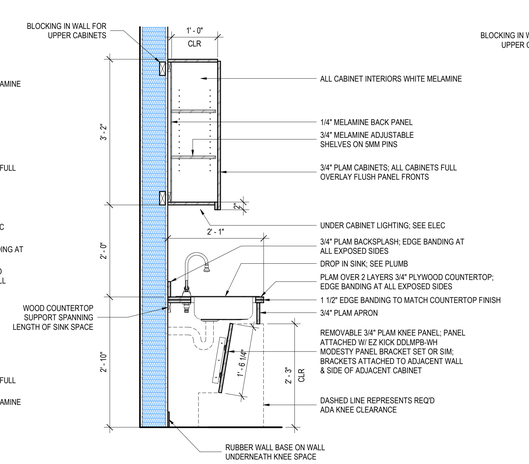
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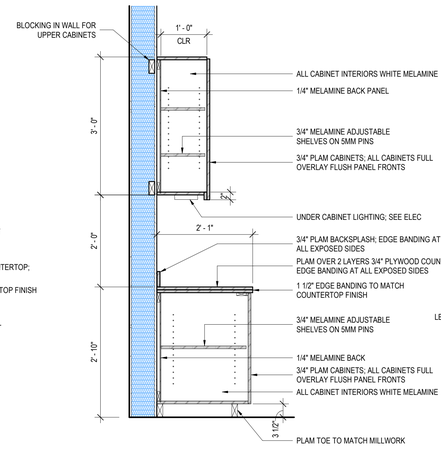
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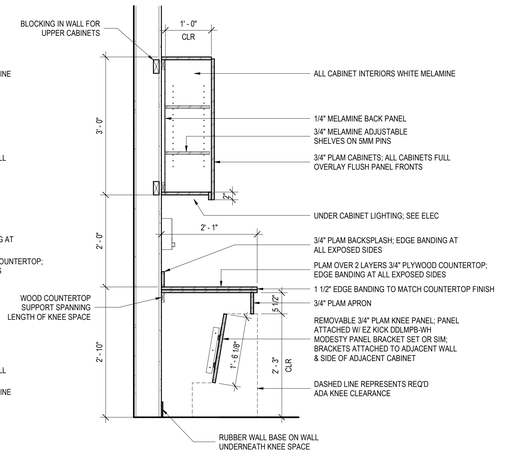
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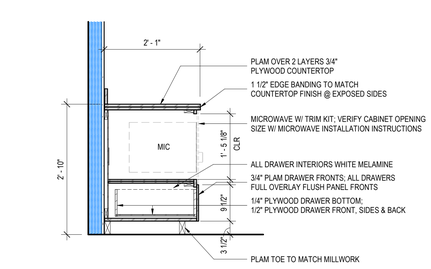
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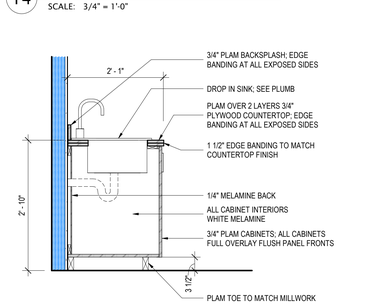
4 TREATMENT/EXAM MILLWORK
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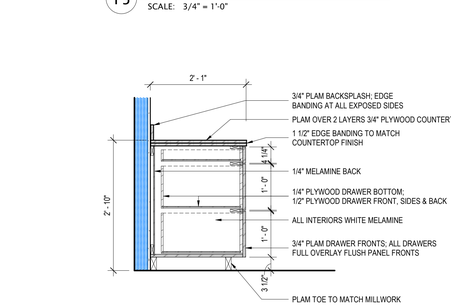
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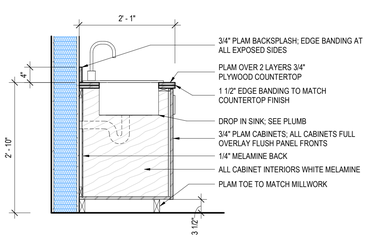
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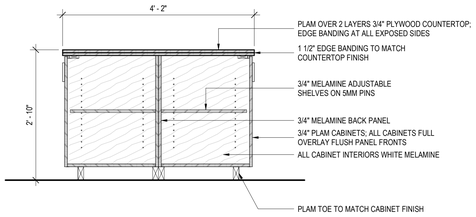
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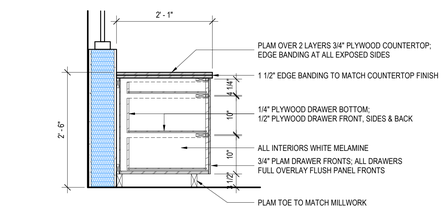
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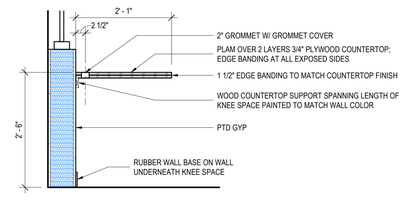
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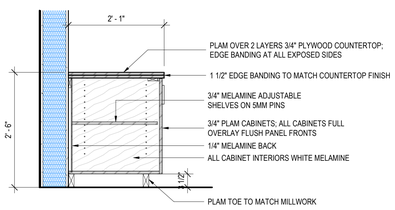
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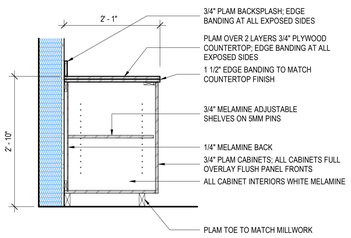
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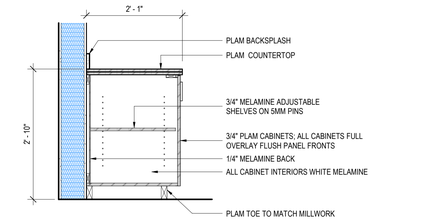
14 CONTROL ROOM KNEE SPACE
SCALE: 3/4" = 1'-0"



15 CONTROL ROOM CABINETS
SCALE: 3/4" = 1'-0"



16 SIM LAB BASE CABINET
SCALE: 3/4" = 1'-0"

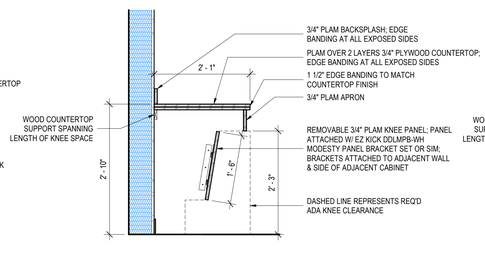


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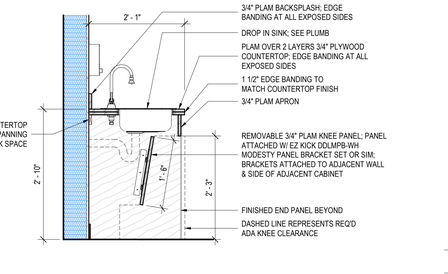
18 BREAK ROOM MICROWAVE
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19 BREAK ROOM SINK
SCALE: 3/4" = 1'-0"

20 DRAWERS
SCALE: 3/4" = 1'-0"



21 SIM LAB KNEE SPACE
SCALE: 3/4" = 1'-0"



22 SIM LAB SINK
SCALE: 3/4" = 1'-0"

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#	DATE	DESCRIPTION
REVISIONS HISTORY		
SCHEDULE		

DATE: 08/31/2026

TITLE: MILLWORK DETAILS

A802

FIRE PROTECTION SYMBOLS, ABBREVIATIONS, AND NOTES

	SPRINKLER BRANCH WITH HEADS
	SIAMESE CONNECTION
FHC	FIRE HOSE CABINET
F.H.	FIRE HYDRANT
P.I.V.	POST INDICATOR VALVE
	O.S. & Y. VALVE
FS	FLOW SWITCH
F	FIRE PROTECTION PIPING
	PRESSURE GAUGE
	SPRINKLER

1. GENERAL

- THESE NOTES SHALL APPLY TO ALL FIRE PROTECTION PLANS.
- NOTE THAT THE FIRE PROTECTION PLANS ARE TO A GREAT EXTENT SCHEMATIC IN NATURE AND THAT THE INFORMATION PRESENTED IS EXACT AS COULD BE SECURED. THE CONTRACTOR SHALL OBTAIN EXACT LOCATIONS, MEASUREMENTS, LEVELS, ETC., AT THE SITE AND SHALL SATISFACTORILY ADAPT HIS WORK TO THE ACTUAL CONDITIONS AT THE PROJECT SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROPER SUPPORT OF ALL EQUIPMENT, PIPING, ETC. COORDINATE INSTALLATION OF ALL EQUIPMENT, PIPING, ETC. WITH OTHER BUILDING TRADES.
- SEE SPECIFICATION SECTIONS 21 05 00 FOR OTHER GENERAL FIRE PROTECTION REQUIREMENTS..
- ALL EXPOSED ITEMS WILL BE FIELD-PAINTED. ALL ITEMS SHALL BE PROPERLY ORDERED AND PREPARED TO ACCEPT PAINT. COORDINATE EXACT REQUIREMENTS WITH PAINTING CONTRACTOR. SEE ARCHITECTURAL AND FINISH DRAWINGS AND SPECIFICATIONS FOR AREAS AND ITEMS THAT WILL BE PAINTED. ALL COVERS AND SPRINKLERS SHALL MATCH THE COLOR OF THE ADJACENT CEILING OR WALL SURFACE.
- ALL ACCESS PANEL LOCATIONS SHALL BE COORDINATED WITH THE OWNER PRIOR TO FINAL INSTALLATION. ENSURE FINAL INSTALLATION LOCATION PROVIDES REQUIRED ACCESS TO ALL EQUIPMENT AND ASSOCIATED COMPONENTS.
- ALL CONNECTIONS TO UTILITY MAINS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE VIA WRITTEN NOTICE GIVEN A MINIMUM OF SEVEN DAYS PRIOR TO WORK.
- PIPE HANGERS SUSPENDED FROM STRUCTURAL FLOOR OR ROOF JOIST AND SUPPORTING MORE THAN 200 LBS SHALL BE ATTACHED TO THE TOP MEMBER OF THE JOIST.
- INSTALL MANUAL AIR VENTS AT ALL HIGH POINTS IN PIPING SYSTEMS, INSTALL AUTOMATIC AIR VENT AT THE HIGHEST POINT IN EACH SYSTEM WITH MANUAL SHUT-OFF BALL VALVE.
- INSTALL PIPING TO CONSERVE BUILDING SPACE, AND TO NOT INTERFERE WITH USE OF SPACE AND WORK OF OTHER TRADES. IT SHALL BE THE PRIMARY RESPONSIBILITY OF THE SPRINKLER CONTRACTOR TO COORDINATE WITH OTHER BUILDING TRADES TO AVOID ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL INTERFERENCES. ALL NECESSARY ADDITIONAL HEADS, PIPING, AND OTHER EQUIPMENT REQUIRED TO AVOID SUCH INTERFERENCES SHALL BE PROVIDED AS PART OF THE SPRINKLER CONTRACT WITHOUT ADDITIONAL COMPENSATION AFTER THE BID IS SUBMITTED.
- ALL SPRINKLERS INSTALLED IN LAY-IN CEILING TILES SHALL BE CENTERED WITHIN THE INDIVIDUAL CEILING TILE. CONTRACTOR SHALL PROVIDE ALL SWING JOINTS AND/OR OFFSETS AS REQUIRED. REFER TO CEILING AND LIGHTING PLANS FOR MORE INFORMATION.
- SPRINKLER HEADS TO MATCH ARCH FINISH.

FIRE SPRINKLER REQUIREMENTS

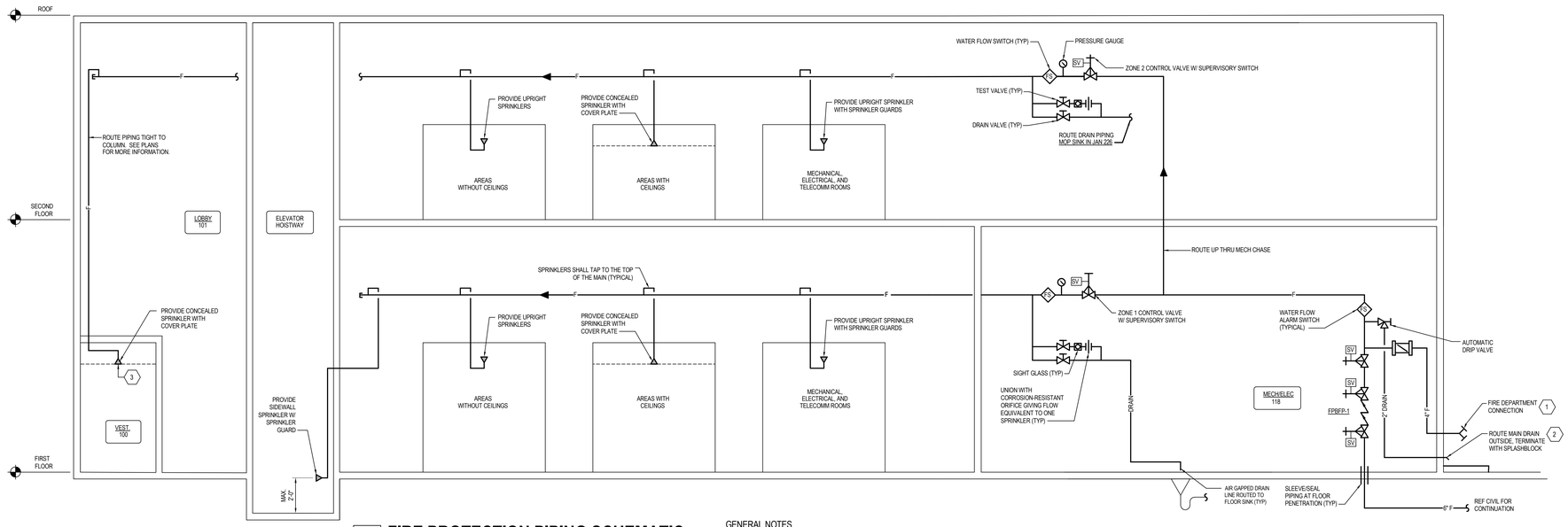
AREA:	AREA(S) SERVED:	HATCH TYPE:	SYSTEM TYPE:	NFPA HAZARD CLASS AND DENSITY:	APPROX. AREA (SQFT):	NOMINAL SPRINKLER TEMPERATURE RATING:
1G-A	FIRST FLOOR GENERAL SPACES	DIAGONAL	WET PIPE	LIGHT HAZARD	11,900	135 DEG. F
1G-B	FIRST FLOOR MECH / ELEC SPACES	DIAGONAL CROSSHATCH	WET PIPE	ORDINARY HAZARD - GROUP 1	500	165 DEG. F
2G-A	SECOND FLOOR GENERAL SPACES	DIAGONAL	WET PIPE	LIGHT HAZARD	9,300	135 DEG. F
2G-B	SECOND FLOOR MECH / ELEC SPACES	DIAGONAL CROSSHATCH	WET PIPE	ORDINARY HAZARD - GROUP 1	50	165 DEG. F

NOTES:
1. WHERE LAY-IN CEILING IS INSTALLED, SPRINKLER HEADS ARE TO BE LOCATED IN THE CENTER OF THE LAY-IN CEILING TILES, AND SHALL BE CONCEALED TYPE WITH FINISH TO MATCH CEILING.
2. PROVIDE SPRINKLER HEAD GUARDS IN STORAGE ROOMS AND MECH/ELEC SPACES AND OTHER AREAS SPRINKLER HEADS ARE SUBJECT TO DAMAGE.
3. DO NOT INSTALL FIRE SPRINKLERS OR PIPING IN THE MECHANICAL OR ELECTRICAL EQUIPMENT SERVICE ACCESS AREAS.
4. PROVIDE UPRIGHT PENDANT OR SIDEWALL TYPE IN ALL AREAS WHERE THERE ARE NO CEILINGS.
5. SPRINKLERS SHALL BE QUICK-RESPONSE TYPE.

FIRE PROTECTION BACKFLOW PREVENTER SCHEDULE

MARK	SERVES	TYPE	OPERATING CONDITIONS PEAK FLOW GPM	WPD	PRESSSURE	SIZE	BODY	INLET VALVE	OUTLET VALVE	STANDARD APPROVAL	MFR. OR EQUIVALENT	MODEL	REMARKS
FPBFP-1	FIRE SERVICE	DOUBLE CHECK DETECTOR ASSEMBLY	SEE REMARK 1	SEE REMARK 1	175 PSIG	SEE PLANS	EPOXY COATED CAST IRON	OS & Y	OS & Y	ASSE STD 1015, AWWA C510, UL AND FM	WATTS	709DCDA	1

REMARKS:
1. FLOW RATE AND PRESSURE DROP TO BE BASED ON THE FIRE SPRINKLER HYDRAULIC CALCULATIONS FOR THE FIRE SUPPRESSION SYSTEM. COORDINATE WITH THE FIRE SPRINKLER CONTRACTOR.



1 FIRE PROTECTION PIPING SCHEMATIC

NO SCALE

KEY NOTES:

1. COORDINATE FINAL LOCATION OF FDC WITH AHJ.
2. TERMINATE DRAIN PIPING W/ CHROME WALL ESCUTCHEON AND 45 DEG ELBOW LOCATED 18" ABOVE GRADE.
3. COORDINATE LOCATION OF SPRINKLER(S) WITHIN VESTIBULE WITH CEILING-MOUNTED CABINET UNIT HEATERS. MINIMUM DISTANCE SHALL NOT BE LESS THAN 2'-6" OR AS REQUIRED BY NFPA 13. TEMPERATURE RATING SHALL BE INTERMEDIATE TEMPERATURE RATING SUITABLE FOR TEMPERATURE DISCHARGE > 100 DEG F.

GENERAL NOTES

1. PROVIDE FIRE SPRINKLER SYSTEM AS NECESSARY TO FULLY PROTECT ALL AREAS IN ACCORDANCE WITH NFPA 13 FOR HAZARD CLASSIFICATIONS INDICATED. BRANCH TAKE-OFFS TO SPRINKLERS TO BE FROM THE TOP OF MAINS. COORDINATE ROUTING OF ALL PIPING WITH OTHER TRADES AND MAINTAIN THE REQUIRED FIRE RATINGS AT ALL RATED WALL PENETRATIONS.
2. ALL SPRINKLER BRANCH PIPING SHALL BE SLOPED BACK TO THE MAIN OR TO AN AUXILIARY DRAIN LOCATION FOR PROPER SYSTEM TESTING AND INSPECTION.
3. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR THE LOCATION OF GRILLES, LIGHTS, AND OTHER CEILING-MOUNTED WORK AND COORDINATE SPRINKLER HEAD LOCATIONS AS REQUIRED.
4. ALL SPRINKLER BRANCHES DOWNSTREAM OF AN ALARM SHALL HAVE A 1" MINIMUM TEST DRAIN LINE WITH ACCESSIBLE VALVE. DISCHARGE DRAIN TO SERVICE SINK OR OUTSIDE OF WALL IF POSSIBLE. COORDINATE FINAL LOCATION AND ROUTING WITH ENGINEER PRIOR TO INSTALLATION.
5. ALL SPRINKLER HEADS IN LAY-IN CEILING SHALL HAVE FLEXIBLE DROPS TO COMPLY WITH SEISMIC DESIGN CATEGORY "D". FLEXIBLE SPRINKLER HEADS SHALL BE BY FLEXHEAD INDUSTRIES (NO EQUAL).
6. REFER TO SPEC SECTION 21 13 13 FOR SEISMIC RESTRAINT REQUIREMENTS.

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STATE OF ARKANSAS JAMES R. BESSHER REGISTERED PROFESSIONAL ENGINEER No. 17140 8/31/2026

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

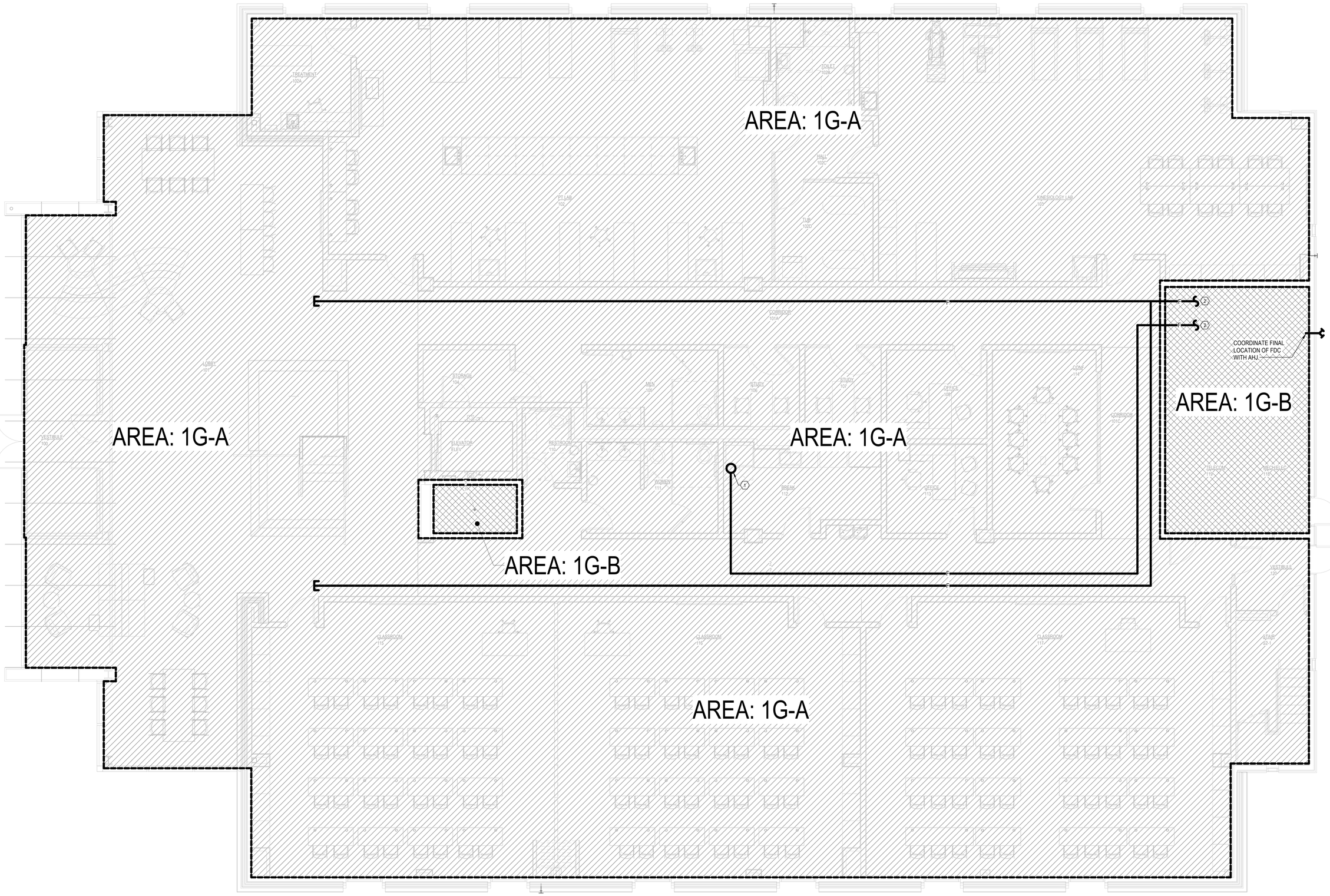
ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Fire Protection Symbols, Schematics & Schedules

FP0.00



FIRST FLOOR FIRE PROTECTION ZONING PLAN

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

PLAN NOTES:

1. FIRE SPRINKLER MAIN UP THRU FLOOR VIA MECHANICAL CHASE. COORDINATE RISER LOCATION WITHIN CHASE W/ OTHER TRADES.
2. REFER TO SHEET PM1.02 FOR CONTINUATION.

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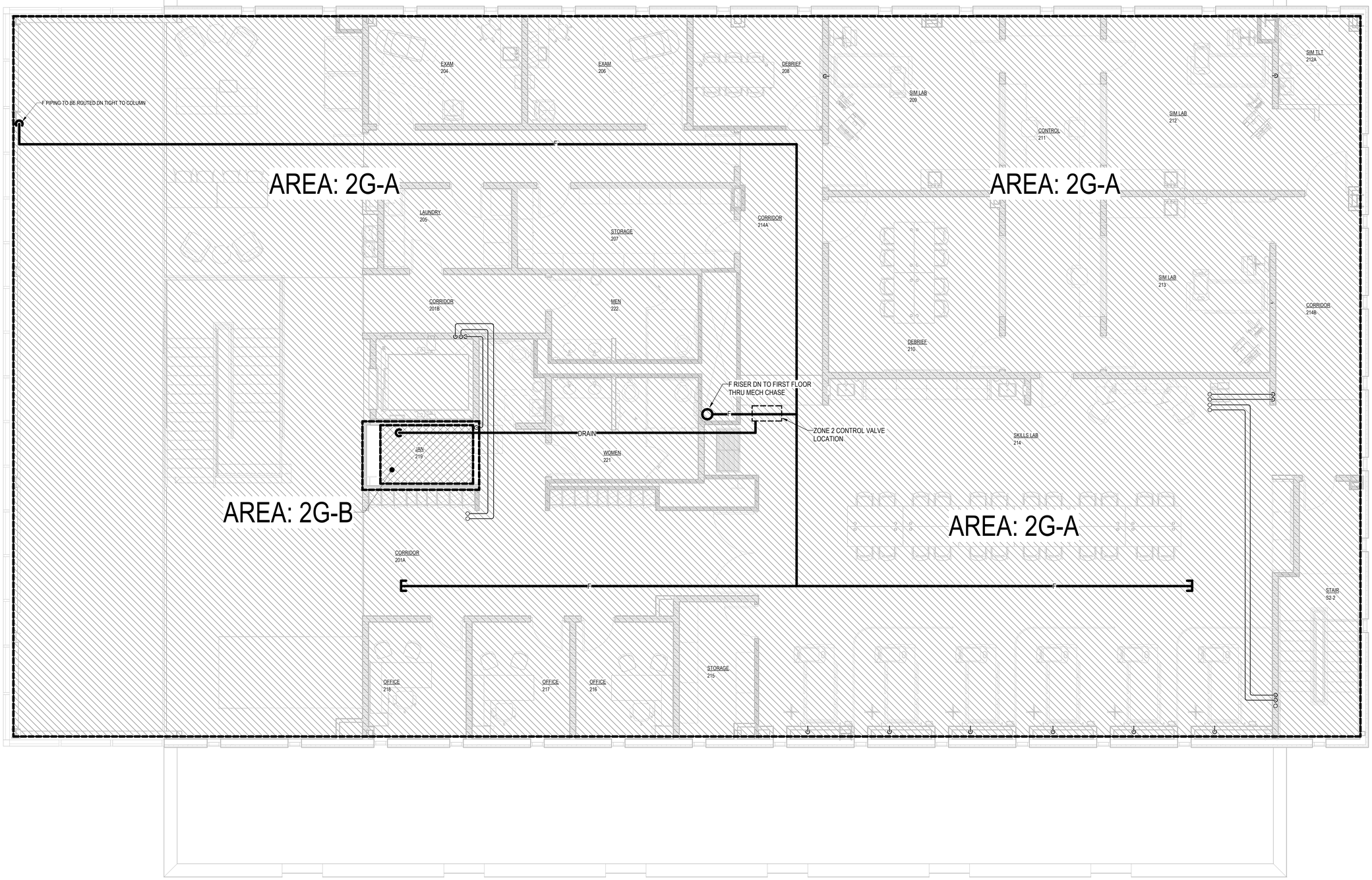
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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 17140
JAMES R. BESSHER
8/31/2026

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		First Floor Fire Protection Plan

FP1.01



SECOND FLOOR FIRE PROTECTION ZONING PLAN

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

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DATE: 08/31/2026

TITLE: Second Floor Fire Protection Plan

FP1.02

MECHANICAL ABBREVIATIONS AND SYMBOLS LEGEND

ABBREVIATIONS

A	COMPRESSED AIR
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
AI	ANALOG INPUT
AO	ANALOG OUTPUT
APD	AIR PRESSURE DROP
AV	ACID VENT
AW	ACID WASTE
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
CA	COMBUSTION AIR
CD	CONDENSATE DRAIN
CHWR	CHILLED OR HOT WATER RETURN
CHWS	CHILLED OR HOT WATER SUPPLY
CI	CAST IRON
CO	CLEAN OUT
CPD	CONDENSATE PUMP DISCHARGE
CPVC	CHLORINATED POLY VINYL CHLORIDE
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CW	DOMESTIC COLD WATER
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
DB	DRY BULB
DCI	DUCTILE CAST IRON
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DW	DOMESTIC WATER
DWV	DRAINAGE/WASTE/VENT
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EMCS	ENERGY MANAGEMENT AND CONTROL SYSTEM
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
F	FIRE SUPPRESSION PIPING
F.E.A.	FUME HOOD EXHAUST AIR
FCO	FLOOR CLEAN OUT
FD	FIRE DAMPER
FD	FLOOR DRAIN
FH	FIRE HYDRANT
FL	FLOW LINE
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
FSD	FIRE/SMOKE DAMPER
G	GAS
GBD	GRAVITY BACKDRAFT DAMPER
GC	GENERAL CONTRACTOR
GCO	GRADE CLEANOUT
GEA	GENERAL EXHAUST AIR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HPR	HIGH PRESSURE STEAM RETURN
HPS	HIGH PRESSURE STEAM SUPPLY
HR	HOUR
HW	DOMESTIC HOT WATER
HW 180	DOMESTIC HOT WATER, 180 DEG. F. SERVICE
HWC	DOMESTIC HOT WATER CIRCULATION
HWC 180	DOMESTIC HOT WATER CIRCULATION 180 DEG. F. SERVICE
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
IE	INVERT ELEVATION
KEA	KITCHEN EXHAUST AIR
KS	KITCHEN SUPPLIER
KW	KILOWATT
LA	LABORATORY AIR
LAT	LEAVING AIR TEMPERATURE
LCW	LABORATORY COLD WATER

ABBREVIATIONS

LFC	LOOP FIELD CONTRACTOR
LFR	LOOP FIELD RETURN
LFS	LOOP FIELD SUPPLY
LG	LABORATORY GAS
LHW	LABORATORY HOT WATER
LHWC	LABORATORY HOT WATER RECIRC.
LIT	LAY IN TILE
LPR	LOW PRESSURE STEAM SUPPLY
LPS	LOW PRESSURE STEAM RETURN
LV	LABORATORY VACUUM
LWT	LEAVING WATER TEMPERATURE
MA	MIXED AIR
MB	MIXING BOX
MBH	1000 BTU/HR
MC	MECHANICAL CONTRACTOR
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MH	MAN HOLE
MPR	MEDIUM PRESSURE STEAM RETURN
MPS	MEDIUM PRESSURE STEAM SUPPLY
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OBD	MANUAL OPPOSED BLADE BALANCING DAMPER
OS	OVERFLOW STORM
PC	PLUMBING CONTRACTOR
PIV	POST INDICATOR VALVE
PVC	POLY VINYL CHLORIDE
PW	PURE WATER
RA	RETURN AIR
RCP	REINFORCED CONCRETE PIPE
REL A	RELIEF AIR
RG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
S	STORM
SA	SUPPLY AIR
SAN	SANITARY WASTE PIPING (OUTSIDE BUILDING)
SD	SMOKE DAMPER
SP	STATIC PRESSURE
SP	SUMP PUMP
SS	SUB SOIL DRAIN
T/P	TEMPERATURE/PRESSURE
TAB	TEST, ADJUST, AND BALANCE
TC	TEMPERATURE CONTROL CONTRACTOR
TD	TRANSFER DUCT
TOD	TOP OF DUCT
TSP	TOTAL STATIC PRESSURE
TW	DOMESTIC TEMPERED WATER
TWC	DOMESTIC TEMPERED WATER CIRCULATING
V	VENT
VB	VARIABLE AIR VOLUME BOX
VBF	FAN POWERED VARIABLE AIR VOLUME BOX
VBR	VARIABLE AIR VOLUME BOX WITH REHEAT
VBRF	FAN POWERED VARIABLE AIR VOLUME BOX WITH REHEAT
VTR	VENT THROUGH ROOF
VUF	VENT UNDER FLOOR
W	SANITARY WASTE PIPING (INSIDE BUILDING)
W	WATER SERVICE PIPING (OUTSIDE BUILDING)
WB	WEB BULB
WCO	WALL CLEAN OUT
WPD	WATER PRESSURE DROP
XE	RELOCATED EQUIPMENT, DEVICE, ETC
XFMR	TRANSFORMER
XFR	TRANSFER
XN	NEW EQUIPMENT, DEVICE, ETC.
XR	EXISTING CONDITION TO BE REMOVED OR RELOCATED
XXX-#	EQUIPMENT MARK - SEE MECHANICAL OR PLUMBING EQUIPMENT SCHEDULES (E.G. AHU-1 - AIR HANDLING UNIT)

PIPING

- BALL VALVE
- GATE VALVE
- GLOBE VALVE
- BUTTERFLY VALVE
- BALANCING VALVE
- CHECK VALVE
- VACUUM BREAKER BACKFLOW VALVE 0.5- 2"
- PRESSURE REGULATING VALVE
- STRAINER
- TEMPERATURE GAUGE 3.5" STEM
- PRESSURE GAGE
- MOTOR CONTROL VALVE
- MOTOR CONTROL VALVE - 3 WAY
- STEAM TRAP - INVERTED BUCKET
- GLOBE VALVE
- 3-WAY VALVE
- CIRCUIT SETTER
- MOTOR CONTROL VALVE
- SOLENOID VALVE
- BASKET STRAINER
- SANITARY/STORM DRAIN BELOW GRADE OR BELOW FLOOR
- XXX — PIPING. SEE ABBREVIATION LEGEND FOR TYPE OF SERVICE. (E.G. CWS SHALL BE CHILLED WATER SUPPLY)
- HB-1 — HOSE BIBB - EQUIP. MARK
- WH-1 — WALL HYDRANT - EQUIP. MARK (NON FREEZE TYPE)
- V.T.R. — VENT THRU ROOF - MARK
- 4" FD-1 — FLOOR DRAIN, SIZE, EQUIP. MARK
- 4" FS-1 — FLOOR SINK, SIZE, EQUIP. MARK
- 6" RD-1 — ROOF OVERFLOW DRAIN, SIZE, EQUIP. MARK
- 6" OD-1 — ROOF DRAIN, SIZE, EQUIP. MARK
- SH-1 — SHOWER HEAD - EQUIP MARK
- CO — CLEAN OUT
- FCO — FLOOR CLEAN OUT
- GCO — GRADE CLEAN OUT
- CO — CLEAN OUT AT BASE OF STACK
- RT-1 8'-0" 8.0 GPM — PANEL RADIATOR - EQUIP. MARK, LENGTH, GALLONS PER MINUTE.
- ELBOW DOWN
- ELBOW UP
- TEE DOWN
- TEE UP
- VBR-8 1.0 GPM — VARIABLE AIR VOLUME BOX WITH REHEAT - EQUIP. MARK, FLOW RATE
- VARIABLE AIR VOLUME BOX
- LAB AIR VALVE
- REHEAT COIL

SHEET METAL

- 12/6 — RECTANGULAR DUCT - FIRST NUMBER INDICATES SIZE SHOWN
- 12Ø — ROUND DUCT
- 12/6-Ø — OVAL DUCT - FIRST NUMBER INDICATES SIZE SHOWN
- FLEX DUCT
- TURNING VANES
- POSITIVE PRESSURE DUCT UP
- POSITIVE PRESSURE DUCT DOWN
- NEGATIVE PRESSURE DUCT UP
- NEGATIVE PRESSURE DUCT DOWN
- OVAL DUCT UP AND DOWN
- MANUAL BALANCING DAMPER
- L-1 48/48 — WALL LOUVER - EQUIP. MARK, SIZE
- M — MOTORIZED DAMPER - BLADES PARALLEL TO PAGE
- M — PARALLEL OR OPPOSED BLADE MOTORIZED DAMPER BLADES PERPINDICULAR TO PAGE
- FD-1 — FIRE DAMPER AND ACCESS DOOR - EQUIP. MARK
- SD-1 — SMOKE DAMPER AND ACCESS DOOR - EQUIP. MARK
- FSD-1 — COMBINATION FIRE/SMOKE DAMPER AND ACCESS DOOR - EQUIP. MARK
- D-1 8Ø 300 — CEILING DIFFUSER - EQUIPMENT MARK, SIZE, CFM
- R-1 12/8 300 — SIDEWALL REGISTER - EQUIP. MARK, SIZE, CFM, HEIGHT AFF
- G-1 — CEILING RETURN GRILLE - EQUIP. MARK, SIZE, CFM
- VB-8 1000 — VARIABLE AIR VOLUME BOX - EQUIP. MARK, CFM
- VBR-8 1000 — VARIABLE AIR VOLUME BOX WITH REHEAT - EQUIP. MARK, CFM
- LSV-8 1000 — LABORATORY SUPPLY VALVE - MARK, DESIGN CFM
- FEV-8 800 — FUME EXHAUST VALVE - MARK, DESIGN CFM
- GEV-8 945 — GENERAL EXHAUST VALVE - MARK, DESIGN CFM
- LOW PRESSURE BRANCH 45 DEGREE ENTRY WITH BALANCING DAMPER

TEMPERATURE CONTROL

- XXX — CONTROL POINT
- AF — AIRFLOW MEASURING STATION
- (CO2) — CARBON DIOXIDE SENSOR
- DPS — DIFFERENTIAL PRESSURE SWITCH
- DPT — DIFFERENTIAL PRESSURE TRANSMITTER
- TEMPERATURE SENSOR WITH AVERAGING ELEMENT
- M — MOTORIZED DAMPER
- SP — SMOKE DAMPER
- SP — STATIC PRESSURE SENSOR
- M — MOTOR
- VFD — VARIABLE FREQUENCY DRIVE
- T T — TEMPERATURE SENSOR/THERMOSTAT
- H H — HUMIDITY SENSOR/HUMIDISTAT
- C C — CARBON DIOXIDE SENSOR
- S S — SENSOR
- SMK — SMOKE DETECTOR
- ES — DAMPER END SWITCH
- M — MOTORIZED DAMPER
- HUM M — HUMIDIFIER
- TS — PIPING TEMPERATURE SENSOR
- PIPING THERMOMETER
- PIPING PRESSURE GAUGE
- DP — PIPING DIFFERENTIAL PRESSURE SENSOR
- M — PIPING FLOW METER
- PIPING TWO-WAY CONTROL VALVE
- PIPING THREE WAY CONTROL VALVE

GENERAL

- CONNECTION - NEW TO EXISTING
- PIPE OR ROUND DUCT RISER
- PIPE OR ROUND DUCT DROP
- DIRECTION OF FLOW
- DOWNWARD PIPE OR DUCT PITCH
- SECTION IDENTIFICATION: SECTION N.UMBER / SHEET NUMBER
- DETAIL IDENTIFICATION: SECTION NUMBER / SHEET NUMBER
- (M) — ELECTRICAL MOTOR
- 100'-0" — ARCHITECTURAL ELEVATION
- 100.00' — ENGINEER ELEVATION
- ELECTRICAL PANEL
- VFD-1 — VARIABLE FREQUENCY DRIVE PANEL - EQUIP. MARK
- (E) — EXISTING PIPING, DUCTWORK, EQUIPMENT, ETC.
- (R) — RELOCATED EXISTING PIPING, DUCTWORK, EQUIPMENT, ETC.

SCHEMATICS

- N.C. C N.O. — 3-WAY AUTOMATIC CONTROL VALVE - NORMALLY OPEN, CLOSED AND COMMON PORTS INDICATED
- N.C. — 2-WAY AUTOMATIC CONTROL VALVE - NORMALLY CLOSED
- N.O. — 2-WAY AUTOMATIC CONTROL VALVE - NORMALLY OPEN
- M N.C. — AUTOMATIC BUTTERFLY VALVE - NORMALLY CLOSED
- M N.O. — AUTOMATIC BUTTERFLY VALVE - NORMALLY OPEN
- C M N.O. N.C. — AUTOMATIC LINKED BUTTERFLY VALVES - NORMALLY OPEN, CLOSED AND COMMON PORTS INDICATED.
- MANUAL BALL VALVE FOR SHUT-OFF OR BALANCING SERVICE
- SW — STOP AND WASTE BALL VALVE
- BALL VALVE WITH PRESSURE TAP
- BALL VALVE WITH PRESSURE TAP & MEMORY STOP
- BALL VALVE WITH PRESSURE & TEMPERATURE TAP
- BALL VALVE WITH PRESSURE & TEMPERATURE TAP & MEMORY STOP
- MANUAL BALANCING BALL VALVE WITH MEMORY STOP
- NORMALLY CLOSED MOTORIZED BALL VALVE
- NORMALLY OPEN MOTORIZED BALL VALVE
- VALVE BOX
- AUTOMATIC FLOW CONTROL VALVE WITH PRESSURE & TEMPERATURE TAP
- MANUAL GATE VALVE
- MANUAL GLOBE VALVE
- CALIBRATED BALANCING VALVE
- MANUAL PLUG VALVE
- MANUAL BUTTERFLY VALVE
- WHEEL OPERATED BUTTERFLY VALVE
- GAGE COCK
- CHECK VALVE
- VACUUM BREAKER
- GAS COCK
- PRV-1 — PRESSURE REGULATING OR REDUCING VALVE - EQUIP. MARK
- STRAINER WITH BLOWDOWN VALVE
- STRAINER
- MANUAL AIR VENT
- REFRIGERANT SOLENOID VALVE
- FLANGE CONNECTION
- UNION
- SRV-1 — SAFETY RELIEF VALVE - EQUIP. MARK

GENERAL MECHANICAL NOTES:

1. GENERAL
   - THESE NOTES SHALL APPLY TO ALL MECHANICAL AND PLUMBING PLANS.
   - NOTE THAT THE MECHANICAL AND PLUMBING PLANS ARE TO A GREAT EXTENT SCHEMATIC IN NATURE AND THAT THE INFORMATION PRESENTED IS EXACT AS COULD BE SECURED. THE CONTRACTOR SHALL OBTAIN EXACT LOCATIONS, MEASUREMENTS, LEVELS, ETC., AT THE SITE AND SHALL SATISFACTORILY ADAPT THEIR WORK TO THE ACTUAL CONDITIONS AT THE PROJECT SITE.
   - THE CONTRACTOR IS RESPONSIBLE FOR PROPER SUPPORT OF ALL EQUIPMENT, PIPING, DUCTWORK, ETC. COORDINATE INSTALLATION OF ALL EQUIPMENT, PIPING, DUCTWORK, ETC. WITH OTHER BUILDING TRADES.
   - SEE SPECIFICATION SECTIONS 22 05 00 AND 23 05 00 FOR OTHER GENERAL MECHANICAL REQUIREMENTS.
   - WHERE CONFLICTS ARISE BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
   - REFER TO SPEC SECTION 23 05 48 FOR SEISMIC RESTRAINT REQUIREMENTS.
   - THE LOCATION AND SIZE OF ALL ITEMS SHOWN AS EXISTING WERE OBTAINED FROM PREVIOUS DRAWINGS AND SITE VISITS, AND ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. ACCURACY OF THE INFORMATION SHOWN IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THE PROJECT BID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CHANGES WHICH OCCUR AFTER BIDS ARE SUBMITTED WHICH ARE A RESULT OF EXISTING CONDITIONS. SITE VISITS PRIOR TO SUBMISSION OF BIDS MUST BE FULLY COORDINATED WITH THE OWNER.
   - ALL EXPOSED MECHANICAL ITEMS WILL BE FIELD-PAINTED. ALL ITEMS SHALL BE PROPERLY ORDERED AND PREPARED TO ACCEPT PAINT. COORDINATE EXACT REQUIREMENTS WITH PAINTING CONTRACTOR. SEE ARCHITECTURAL AND FINISH DRAWINGS AND SPECIFICATIONS FOR AREAS AND ITEMS THAT WILL BE PAINTED.
   - ALL ACCESS PANELS LOCATIONS SHALL BE COORDINATED WITH THE OWNER PRIOR TO FINAL INSTALLATION. ENSURE FINAL INSTALLATION LOCATION PROVIDES REQUIRED ACCESS TO ALL MECHANICAL EQUIPMENT AND ASSOCIATED COMPONENTS.
2. SITE UTILITIES
   - ALL CONNECTIONS TO UTILITY MAINS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE VIA WRITTEN NOTICE GIVEN A MINIMUM OF SEVEN DAYS PRIOR TO WORK.
3. DUCTWORK
   - ALL DUCT DIMENSIONS CALLED OUT ARE INTERIOR AIR FLOW DIMENSIONS. UNLESS OTHERWISE NOTED, ALL SUPPLY, RETURN, EXHAUST, OUTSIDE AND RELIEF AIR DUCT IS GALVANIZED STEEL. UNLESS OTHERWISE NOTED, ALL DUCT SYSTEMS WITH MITERED ELBOWS SHALL BE INSTALLED WITH TURNING VANES. ALL ROUND ELBOWS SHALL BE FULL-RADIUS TYPE. ALL ROUND-TO-RECTANGULAR BRANCH CONNECTIONS SHALL BE 45-DEGREE ENTRY LOW-LOSS FITTINGS.
   - ALL SUPPLY AIR DUCT SHALL BE WRAPPED WITH INSULATION UNLESS OTHERWISE NOTED OR SPECIFIED. EXHAUST AIR DUCT SHALL BE LEFT UN-INSULATED UNLESS LINER IS EXPLICITLY CALLED OUT. INSULATED FLEXIBLE DUCTWORK IS NOT ALLOWED FOR EXHAUST DUCTWORK.
   - ALL EXPOSED DUCTWORK SHALL BE INSTALLED IN A NEAT AND WORKMAN-LIKE MANNER FREE FROM ALL VISIBLE DENTS AND KINKS. DUCT RUNS SHALL BE STRAIGHT AND LEVEL.
4. PIPING
   - SEE PLUMBING FIXTURE CONNECTION SCHEDULE FOR PIPE SIZES REQUIRED AT FIXTURES. PROVIDE WATER HAMMER ARRESTORS AT COLD WATER BRANCHES AS REQUIRED BY PDI-WH201. PROVIDE ACCESS TO EACH WATER HAMMER ARRESTOR.
   - UNLESS NOTED OTHERWISE, WASTE AND STORM DRAINAGE PIPING HAS BEEN DESIGNED TO ACCOMMODATE A SLOPE OF 1/8" PER LINEAR FOOT FOR PIPING GREATER THAN 3" IN DIAMETER AND A SLOPE OF 1/4" PER LINEAR FOOT FOR 3" AND SMALLER DIAMETER PIPE.
   - PIPE HANGERS SUSPENDED FROM STRUCTURAL FLOOR OR ROOF JOIST AND SUPPORTING MORE THAN 200 LBS SHALL BE ATTACHED TO THE TOP MEMBER OF THE JOIST.
   - INSTALL MANUAL AIR VENTS AT ALL HIGH POINTS IN PIPING SYSTEMS, INCLUDING ALL SUPPLY AND RETURN SYSTEMS. INSTALL AUTOMATIC AIR VENT AT THE HIGHEST POINT IN EACH SYSTEM WITH MANUAL SHUT-OFF BALL VALVE.
5. TEMPERATURE CONTROLS
   - ALL EXACT SENSOR, CONTROL PANEL AND THERMOSTAT LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER.
   - UNLESS OTHERWISE NOTED, ALL AIR TERMINAL UNITS, CABINET UNIT HEATERS, UNIT HEATERS, ETC. SHALL BE PROVIDED WITH A THERMOSTAT OR CONTROL DEVICE REGARDLESS OF WHETHER ONE IS SHOWN ON THE PLANS.
   - UNLESS OTHERWISE NOTED, ALL THERMOSTATS SHALL BE WALL MOUNTED AT 48" A.F.F. O.C.

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#	DATE	DESCRIPTION

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ISSUE FOR REVIEW:

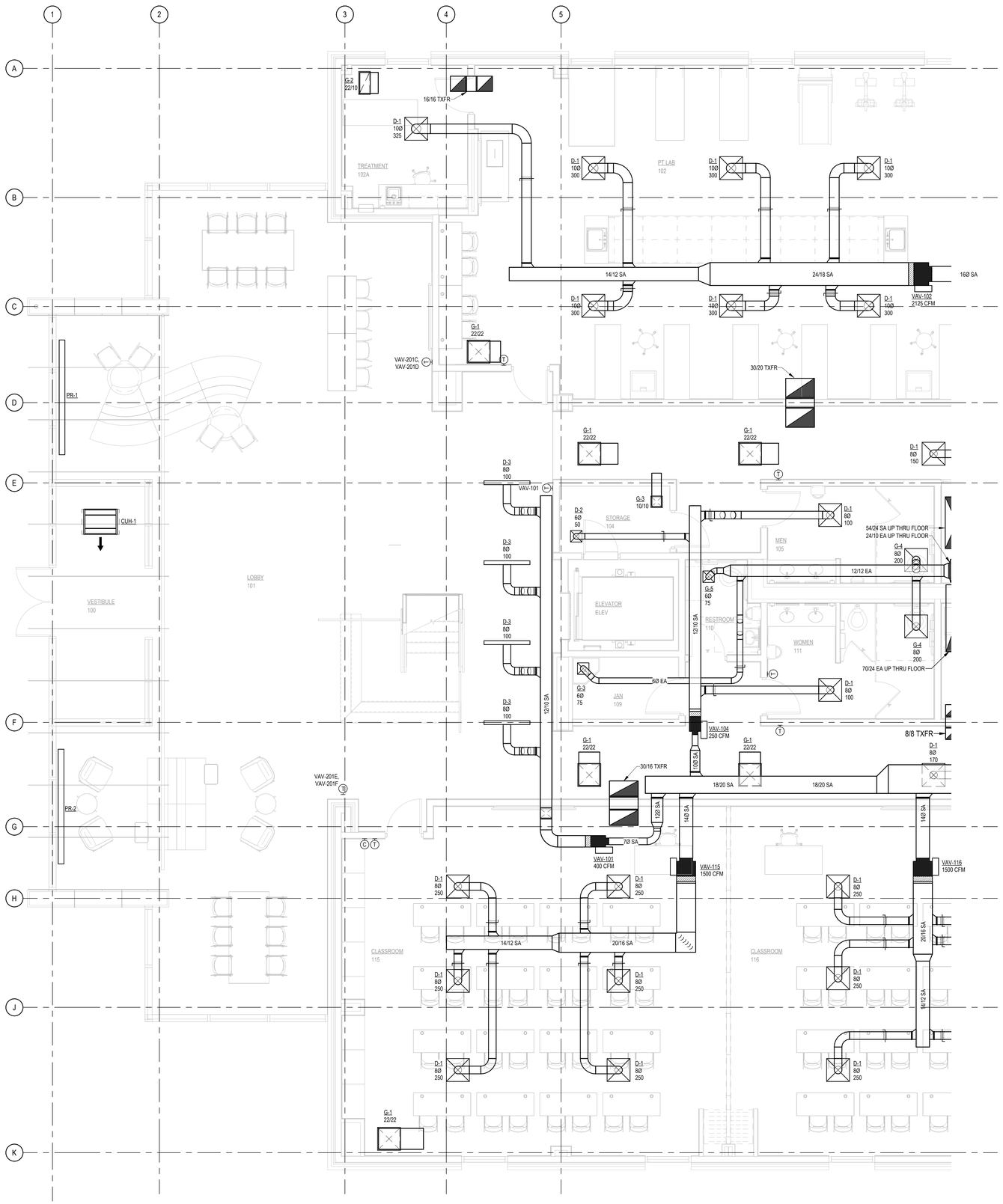
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ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Mechanical Abbreviations, Symbols & Notes

M0.00



FIRST FLOOR HVAC PLAN - AREA A

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

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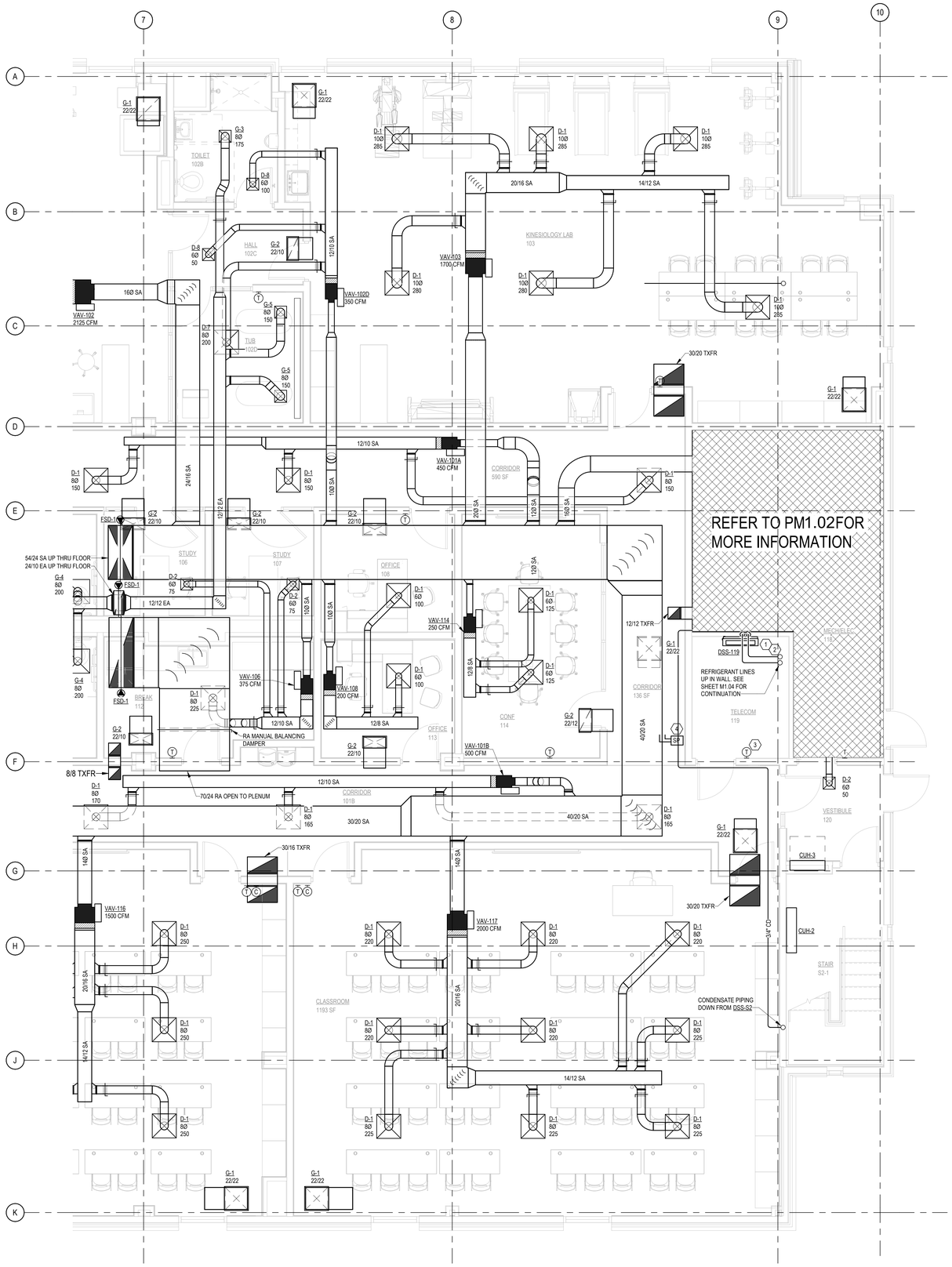
A B

Key Plan

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TITLE: First Floor HVAC Plan - Area A

M1.01



FIRST FLOOR HVAC PLAN - AREA B

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

PLAN NOTES:

1. COORDINATE FINAL LOCATION OF INDOOR UNIT TO NOT INTERFERE W/ IT EQUIPMENT. UNIT SHALL NOT BE MOUNTED DIRECTLY ABOVE EQUIPMENT.
2. ROUTE CONDENSATE PIPING OFF OF INDOOR UNIT TO FLOOR DRAIN/SINK IN MECH/ELEC 118.
3. REFER TO DETAIL 3 ON M5.01, PROVIDE WALL-MOUNTED TEMPERATURE SENSOR IN ROOM FOR MONITORING AND ALARMING PURPOSES.
4. SUPPLY AIR DUCT STATIC PRESSURE TRANSMITTER FOR RTU-1. ROUTE WIRING BACK TO CONTROL PANEL. SEE DETAIL 1 ON SHEET M5.03 FOR MORE INFORMATION.

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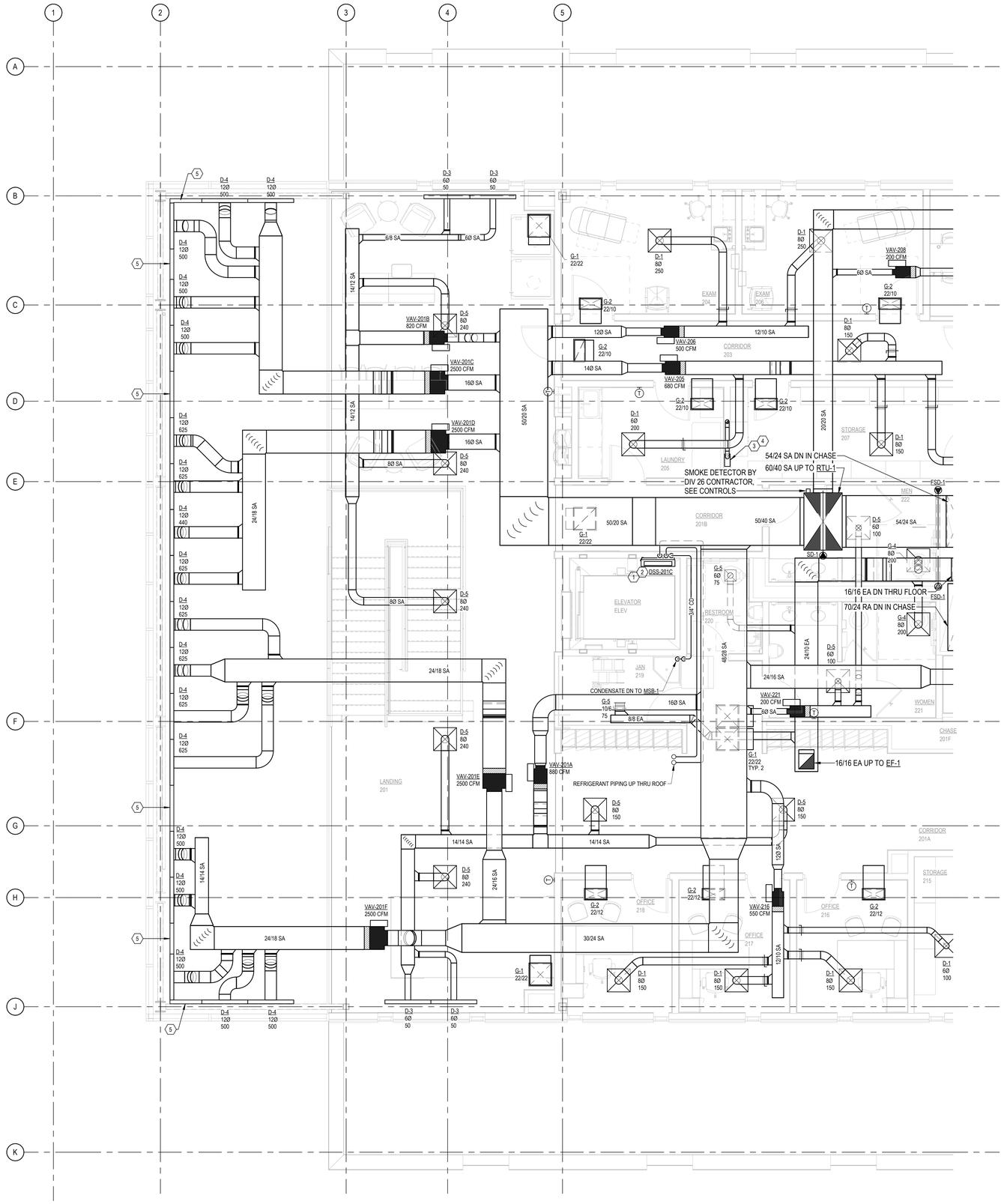
A B

Key Plan

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TITLE: First Floor HVAC Plan - Area B

M1.02



SECOND FLOOR HVAC PLAN - Area A

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

PLAN NOTES:

1. COORDINATE ELEVATOR EQUIPMENT WITH DUCTLESS SPLIT SYSTEM AND ALL ASSOCIATED PIPING. ROUTE CONDENSATE THROUGH WALL TO MOP SINK IN ADJACENT JAN 219.
2. ROUTE REFRIGERANT PIPING UP IN WALL TO CU-201C PER MANUFACTURERS INSTRUCTIONS AS SHOWN.
3. PROVIDE UPWARD VENTING DRYERBOX DB-425 IN THIS LOCATION. ROUTE 4" DRYER EXHAUST VENT IN BOX AND UP IN WALL AS PER IMC 2021 - 504.4. TRANSITION EXHAUST IN WALL AS NECESSARY TO MAINTAIN ALL MANUFACTURERS REQUIRED CLEARANCES AROUND RTU-1. TERMINATE ON ROOF AS NOTED ON PM1.01.
4. DRYER VENTING RIVETS AND SCREWS TO NOT PROTRUDE MORE THAN 1/8" INTO IN TO DUCT INTERIOR AS PER IMC 2021 - 504.8.
5. PROVIDE FACTORY BLANK-OFF SECTIONS WITHIN THE SLOT DIFFUSER RUN AS INDICATED ON PLAN TO MAINTAIN A VISUALLY CONTINUOUS SLOT LINE ACROSS THE LOBBY CEILING. BLANK-OFF SECTIONS SHALL MATCH THE ACTIVE DIFFUSER SECTIONS IN PROFILE, SLOT WIDTH, FRAME TYPE, AND FINISH SO THE ASSEMBLY READS AS A SINGLE UNINTERRUPTED LINEAR DEVICE. SUPPORT BLANK-OFF SECTIONS INDEPENDENTLY PER MANUFACTURER REQUIREMENTS — DO NOT RELY ON ADJACENT ACTIVE SECTIONS FOR STRUCTURAL SUPPORT.

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MEPT Consultant:
Clark & Enersen, Inc.
AR Certificate of Authorization #2048
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Lincoln, NE 68508
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VERIFY SCALE 0 1"

UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — JAMES R. BESSHER — LICENSED PROFESSIONAL ENGINEER — No. 17140 — 8/31/2026

A B

Key Plan

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

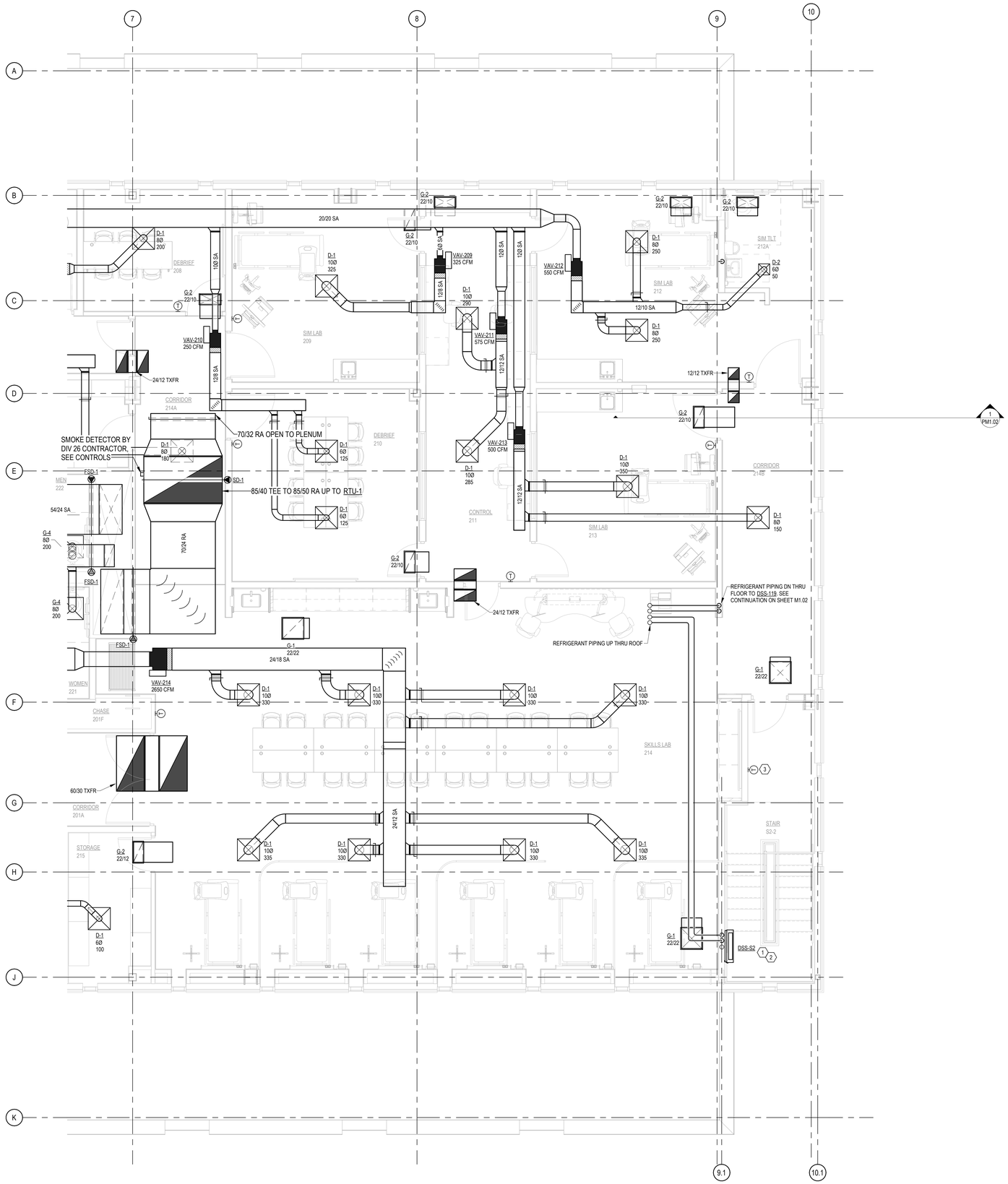
ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Second Floor HVAC Plan - Area A

M1.03



SECOND FLOOR HVAC PLAN - Area B

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

PLAN NOTES:

1. ROUTE CONDENSATE PIPING OFF OF INDOOR UNIT DN IN WALL TO FLOOR DRAIN/SINK IN MECH/ELEC 118.
2. ROUTE REFRIGERANT PIPING IN WALL AND UP THRU ROOF AS SHOWN TO CU-S2 PER MANUFACTURERS INSTRUCTIONS.
3. REFER TO DETAIL 3 ON M5.01, PROVIDE WALL-MOUNTED TEMPERATURE SENSOR IN ROOM FOR MONITORING AND ALARMING PURPOSES.

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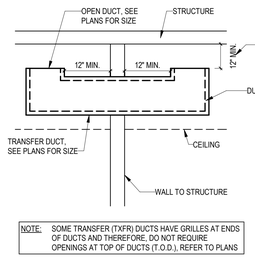
A B

Key Plan

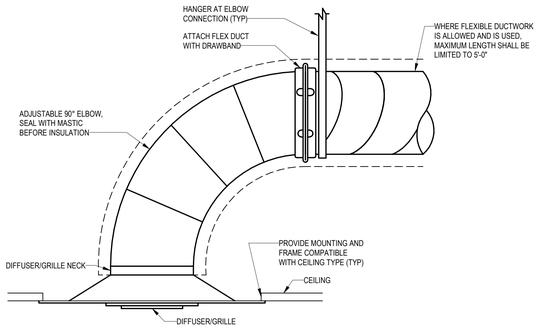
#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026

TITLE: Second Floor HVAC Plan - Area B

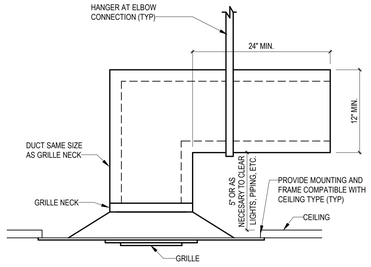
M1.04



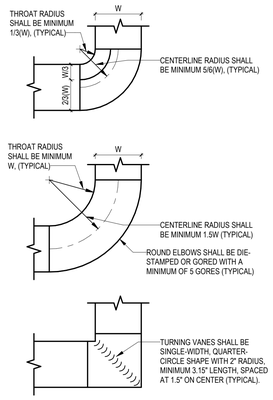
1 AIR TRANSFER DUCT DETAIL
NOT TO SCALE



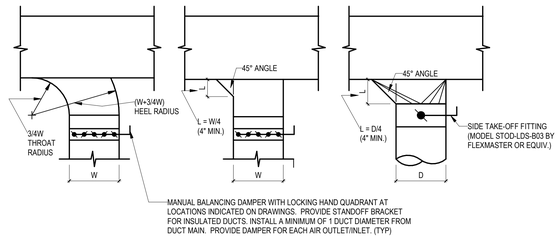
2 CEILING DIFFUSER/GRILLE CONNECTION DETAIL
NOT TO SCALE



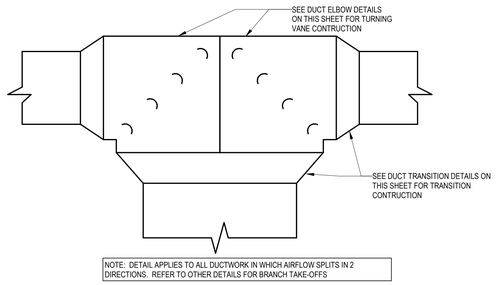
3 CEILING GRILLE AND SOUND BOOT DETAIL
NOT TO SCALE



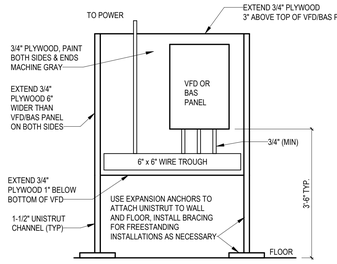
4 DUCT ELBOW DETAILS
NOT TO SCALE



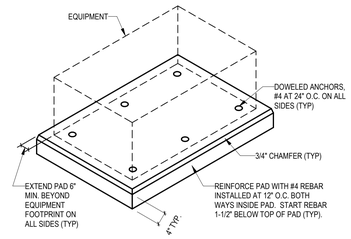
5 DUCT TAKE-OFF DETAILS
NOT TO SCALE



6 DUCTWORK T-JUNCTION DETAIL
NOT TO SCALE



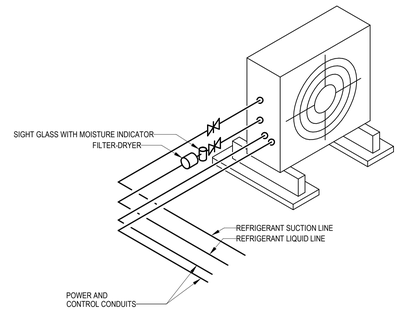
7 VFD/BAS PANEL MOUNTING DETAIL
NOT TO SCALE



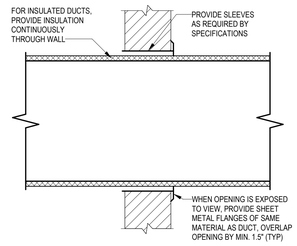
NOTES:

1. ALL FLOOR-MOUNTED EQUIPMENT SHALL BE PROVIDED WITH AN EQUIPMENT PAD.
2. FLOOR UNDER BASE/PAD SHALL BE ROUGHENED AND BASE SHALL BE DOWELLED TO FLOOR. ADJUST BASE SIZE AS REQUIRED FOR INDIVIDUAL EQUIPMENT INSTALLED.
3. ALL EQUIPMENT PADS THAT SUPPORT BOTH EQUIPMENT AND INERTIA BASES SHALL BE REINFORCED WITH #5 REBAR INSTALLED AT 12" O.C. BOTH WAYS INSIDE PAD.

8 EQUIPMENT PAD DETAIL
NOT TO SCALE

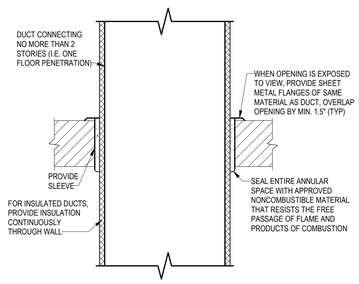


9 CONDENSING UNIT PIPING DETAIL
NOT TO SCALE



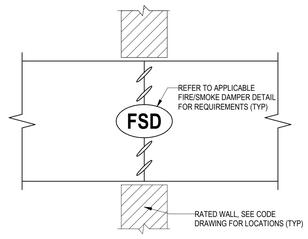
TYPICAL WALL

10 NON-RATED WALL DUCT PENETRATIONS
NOT TO SCALE



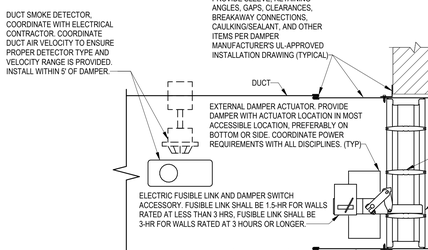
IBC 2021, 717.6.3

11 NON-RATED HORIZONTAL ASSEMBLY DUCT PENETRATIONS
NO SCALE

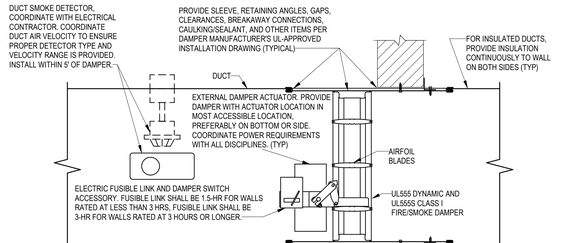


IBC 2021, 717.5.3

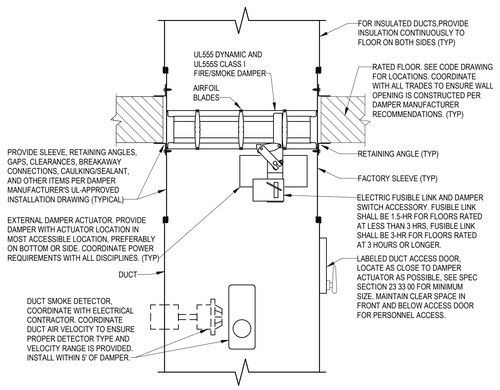
12 SHAFT ENCLOSURE WALL DUCT PENETRATIONS
NO SCALE



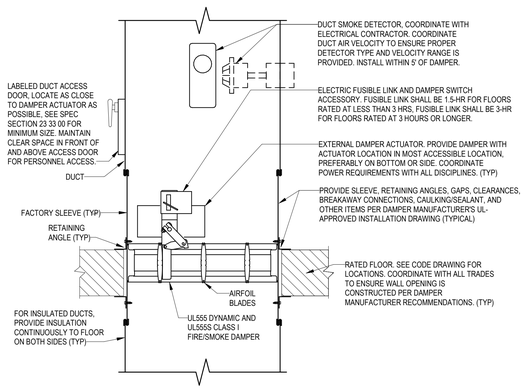
13 FIRE/SMOKE DAMPER (WALL) DETAIL
NO SCALE



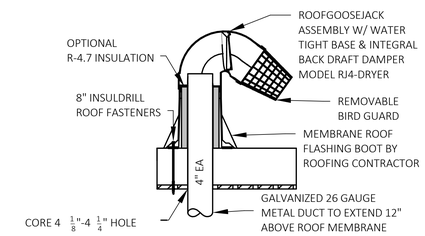
14 FIRE/SMOKE DAMPER (OUT OF WALL) DETAIL
NO SCALE



15 FIRE/SMOKE DAMPER (FLOOR) DETAIL
NO SCALE



16 FIRE/SMOKE DAMPER (FLOOR) DETAIL
NO SCALE



17 RJ4-DRYER TERMINATION INSTALL DETAIL
NO SCALE

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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 17140 — JAMES R. BESSIRE
8/31/2026

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		

DATE: 08/31/2026
TITLE: Mechanical Details

M3.01

ROOFTOP UNIT SCHEDULE

EQUIPMENT MARK:	RTU-1
MANUFACTURER AND MODEL:	TRANE SFHRC904P OR APPROVED EQUIVALENT
UNIT OVERVIEW:	
Unit Function:	COOLING / GAS HEAT
Nominal Tonnage:	90 TON AIR-COOLED
EER @ AHRI:	10.6
IEER @ AHRI:	16.10
Net Capacity (MBH) @ AHRI:	934.94
System Power (kW):	131.37
Elevation (Ft.):	300
UNIT DIMENSIONS / WEIGHT:	
Height (in.):	81.38
Width (in.):	143.63
Overall Length (in.):	423.75
Installed Weight (lbs):	15740.70
CONDENSING SECTION:	
Compressor Qty:	4
Compressor Stages:	4
Condenser Coil Face Area (SF):	152
Condenser Coil Rows:	1
Design Ambient Temperature (Deg F):	115
Condenser Fan Qty:	10
Condenser Fan Size (in.):	26
Condenser Fan HP:	1.00
OUTDOOR AIR & RELIEF SECTION:	
Outside Air Section:	
- Outside Air Option:	0 - 100% ECON W/ TRAQ AND DCV
- Economizer Options:	ULTRA LOW LEAK DAMPER
- Ambient Control:	STANDARD AMBIENT
- Fresh Air Control:	ECONOMIZER CONTROL W/ COMPARATIVE ENTHALPY
Relief Section:	
- Fan Motor:	100% RELIEF - 15 HP W/ STATITRAC
- Airflow (CFM):	26,000
- Relief / Return Break Horsepower (BHP):	9.79
- Relief / Return Fan RPM:	524
- Relief / Return Fan Drive RPM:	500
- Return Duct Static Pressure (in. w.g):	0.500
FILTER SECTION:	
Filters:	4" MERV 13 W/ 2" MERV 8 PRE-FILTER
Quantity / Size:	(25) 24x24
Face Area (SF):	100.00
Face Velocity (FPM):	260.00
COOLING COIL (DX) SECTION:	
Refrigerant:	R-454B
Type:	Cu-Al
Rows	6
Coil Face Area [sq ft]	59.3
Airflow	26,000
Summer Entering Air (EDB/EWB) [Deg. F]	80 / 67
Gross Sensible Capacity [MBH]	701.5
Gross Total Capacity [MBH]	1005.57
Net Sensible Capacity [MBH]	630.82
Net Total Capacity [MBH]	934.94
Coil Leaving Air (LDB/LWB) [Deg. F]	54.1 / 54
Unit Leaving Air (LDB/LWB) [Deg. F]	58.7 / 55.9
SUPPLY FAN:	
Supply Fan (HP):	30 (2-15 HP SUPPLY MTRS)
Supply Fan Qty:	2
Supply Motor Qty:	2
Supply VFD Qty:	2
Shaft Grounding Ring:	STANDARD
Design Airflow:	26,000
Supply Duct Static Presure (in.w.g.):	2.5
Total Static Pressure (in. w.g.):	4.281
Total Supply BHP:	25.26
Supply Fan Motor Heat (MBH):	70.63
Total Static Pressure (in. w.g.):	4.281
- Economizer APD (in. w.g.):	0.178
- Supply Duct APD (in.w.g):	2.50
- Return Duct APD (in.w.g.):	0.50
HEATING SECTION:	
Heat Type & Capacity:	HIGH MODULATING GAS HEAT
Gas Pipe Connection Size (in.):	1
Gas Heat Steady State Eff.(%):	81
Output Heating Capacity (MBH):	810
Net Capacity [MBH]	790,000
EER	10.2
IEER	16.4
ACOUSTICS:	
Supply Ducted Discharge (63/124/250/500/1K/2K/4K/8k) [dB]	80 / 85 / 75 / 78 / 69 / 74 / 56 / 54
Return Ducted Inlet (63/124/250/500/1K/2K/4K/8k) [dB]	79 / 79 / 68 / 61 / 61 / 59 / 63 / 53
Outdoor Noise (63/124/250/500/1K/2K/4K/8k) [dB]	85 / 85 / 80 / 78 / 75 / 73 / 72 / 67
UNIT ELECTRICAL DATA:	
Unit Voltage / Phase / Frequency:	460 / 3 / 60
SCCR Rating (A):	65,000
Disconnect Switch:	UNIT-MOUNTED TERMINAL BLOCK, DSS = 400A
MCA (A):	228.53
MOP (A):	250.00
REMARKS:	SINGLE POINT CONNECTION

REMARKS:

1. PROVIDE W/ UNIT-MOUNTED EQUIPMENT SCREENS. SEE SPEC SECTION 23 74 01 FOR MORE INFORMATION. INSTALLED WEIGHT SHALL NOT EXCEED 3,000 LBS.
2. TOTAL WEIGHT OF RTU + CURB + EQUIPMENT SCREENING SHALL NOT EXCEED 21,000 LBS.
3. REFER TO SPECIFICATION SECTION 23 74 00 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
4. PROVIDE W/ BACNET COMMUNICATION INTERFACE. SEE SHEET M5.03 FOR MORE INFORMATION.
4. PROVIDE W/ VIBRATION ISOLATING SEISMIC CURB. WEIGHT SHALL NOT EXCEED 2,600 LBS.

DAMPER SCHEDULE

MARK	FUNCTION	SIZE	FRAME CONSTRUCTION	BLADE CONSTRUCTION	LEAKAGE @ 1" WG PD	BLADE SEALS	EDGE	BEARINGS	ACTUATOR	MANUF. OR APPROVED EQUIVALENT	MODEL	REMARKS
FSD-1	COMBINATION SMOKE/FIRE DAMPER	SEE PLANS	16 GAUGE GALVANIZED STEEL	16 GAUGE GALVANIZED STEEL	CLASS 2	NA	SS	SS SLEEVE	1	RUSKIN	FSD60-3	1-7
SD-1	SMOKE DAMPER	SEE PLANS	5"x16-GA GALVANIZED HAT SHAPED CHANNEL	6" WIDE, 14-GA GALVANIZED STEEL, AIRFOIL...	CLASS 1	SILICONE	SS	SS SLEEVE	1	RUSKIN	SD-60	1-7

ACTUATOR:

1. 120 VAC, TWO POSITION, 350 DEGREE F UL555 RATED, FACTORY SUPPLIED, NORMALLY CLOSED, PROVIDE WITH FACTORY HEAT DETECTION DEVICE SYSTEM THAT ACTIVATES AT 165 DEGREE F-RUSKIN MODEL EFL OR EQUIVALENT
   AUTOMATIC RESET AFTER TEST, SMOKE DETECTION OR POWER FAILURE, AFTER EXPOSURE TO ELEVATED TEMPERATURE, THE DAMPER SHALL BE RESET MANUALLY

REMARKS:

1. DAMPER SIZES ARE DUCT OPENINGS, FIELD VERIFY DUCT SIZE PRIOR TO ORDERING.
   ACTUAL DUCT SIZE MAY BE DIFFERENT THAN LISTED SIZE DUE TO VARIATION OF FABRICATION AND/OR INSULATION.
2. PROVIDE WITH FACTORY SLEEVE
3. PROVIDE AMCA CERTIFIED PERFORMANCE.
4. CONTROLS SHALL INTERFACE WITH THE FIRE ALARM SYSTEM PROVIDED BY THE DIV. 26 CONTRACTOR.
5. SMOKE DETECTOR PROVIDED BY FIRE ALARM CONTRACTOR. MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF FIRE DETECTOR WITH FIRE ALARM CONTRACTOR.
6. DAMPER TO MEET THE REQUIREMENTS OF UL555 AND UL555S. DAMPER SHALL BE DYNAMIC. ALL FIRE/SMOKE, FIRE, SMOKE DAMPERS TO BE PROPERLY LABELED PER CODE.
7. PROVIDE RUSKIN SP100 SWITCH PACKAGE (OR EQUIVALENT) TO REMOTELY INDICATE DAMPER BLADE POSITION.

ELECTRIC CABINET HEATER SCHEDULE

MARK	SERVES	TYPE	ELECTRIC HEATING ELEMENT DATA NOMINAL CFM	CAPACITY MBH	ELEMENT KW	INLET STYLE	OUTLET STYLE	V/PH/HZ	AMPS	STAGES	MANUFACTURER OR EQUAL	MODEL	REMARKS
CUH-1	VESTIBULE 100	A	500	17.0	5	BOTTOM STAMPED LOUVERS	BOTTOM STAMPED LOUVERS	208/1/60	25	2	QMARK	CU935	1,2,4,5,6,7,8,9
CUH-2	STAIR S2-1	B	1,000	47.8	14	FRONT STAMPED LOUVERS	TOP STAMPED LOUVERS	480/3/60	18	2	QMARK	CU945	1,3,4,5,6,7,8,9
CUH-3	VESTIBULE 120	C	500	10.2	3	FRONT STAMPED LOUVERS	FRONT STAMPED LOUVERS	208/1/60	15	2	QMARK	CU935	1,4,5,6,7,8,9

TYPE:
A - CEILING MOUNTED, FULL RECESS
B - WALL MOUNTED
C - WALL MOUNTED, FULL RECESS

REMARKS:
1. PROVIDE WITH SMARTSERIES PLUS OR EQUIVALENT FOR BACNET BMS COMPATIBILITY
2. PROVIDE WITH CEILING OR WALL RECESS TRIM KIT
3. PROVIDE WITH FLOOR/TOE SPACE BASE KIT
4. PROVIDE WITH 14 GA SECURITY FRONT COVER AND NECESSARY MOUNTING FRAME.
5. FACTORY PROVIDED ELECTRICAL DISCONNECT SWITCH.
6. PROVIDE 1" MERV 8 DISPOSABLE FILTER
7. PROVIDE W/ INTEGRAL THERMOSTAT.
8. PROVIDE CUSTOM COLOR CHART FOR COLOR SELECTION BY ARCHITECT.
9. REFER TO SPECIFICATION SECTION 23 82 39 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

AIR TERMINAL UNIT SCHEDULE

	SERVES ROOMS:	INLET SIZE (INCHES):	MAXIMUM COOLING... AIRFLOW (CFM):	MINIMUM OCCUPIED AIRFLOW (CFM):	MAXIMUM HEATING AIRFLOW (CFM):	UNIT AIR PD (IN. W.G.):	UNOCCUPIED AIRFLOW (CFM):	HEATING CAPACITY (MBH):	HEATING CAPACITY (KW):	EAT (°F):	LAT (°F):	ELECTRICAL REQUIREMENTS V/PH/H:	MCA (A):	MOP (A):	NOISE CRITERIA RADIATED (NC):	DISCHARGE (NC):	MANUFACTURER OR EQUIVALENT:	REMARKS:
VAV-101	LOBBY 101	7	400	110	110	0.25	0	5.1	1.5	55.0	98.1	120/1/60	15.60	20.00	20	24	TITUS DESV	1,2,3,4,5
VAV-101A	CORRIDOR 101A	7	450	90	90	0.25	0	3.4	1.0	55.0	90.1	120/1/60	10.40	15.00	22	24	TITUS DESV	1,2,3,4,5
VAV-101B	CORRIDOR 101B	8	500	100	125	0.25	0	5.1	1.5	55.0	92.9	120/1/60	15.60	20.00	20	27	TITUS DESV	1,2,3,4,5
VAV-102	PT LAB 102	16	2,125	865	865	0.25	0	34.1	10.0	55.0	91.5	480/3/60	15.00	15.00	18	19	TITUS DESV	1,2,3,4,5
VAV-102D	TUB 102D, HALL 102C, TOILET 102B	6	350	350	350	0.25	0	13.7	4.0	55.0	91.1	208/3/60	13.90	15.00	22	23	TITUS DESV	1,2,3,4,5
VAV-103	KINESIOLOGY LAB 103	14	1,700	340	420	0.25	0	17.1	5.0	55.0	92.6	208/3/60	17.30	20.00	22	20	TITUS DESV	1,2,3,4,5
VAV-104	STORAGE 104, MEN 105, WOMEN 111	6	250	250	250	0.25	0	10.2	3.0	55.0	92.9	208/1/60	18.00	20.00	17	23	TITUS DESV	1,2,3,4,5
VAV-106	STUDY 106, STUDY 107, BREAK 112	7	375	80	125	0.25	0	5.1	1.5	55.0	92.9	120/1/60	15.60	20.00	19	23	TITUS DESV	1,2,3,4,5
VAV-108	OFFICE 108, OFFICE 113	6	200	55	75	0.25	0	3.4	1.0	55.0	97.1	120/1/60	10.40	15.00	14	20	TITUS DESV	1,2,3,4,5
VAV-114	CONF 114	6	250	120	120	0.25	0	5.1	1.5	55.0	94.5	120/1/60	15.60	20.00	17	23	TITUS DESV	1,2,3,4,5
VAV-115	CLASSROOM 115	14	1,500	585	585	0.25	0	22.2	6.5	55.0	90.1	480/3/60	9.80	15.00	21	19	TITUS DESV	1,2,3,4,5
VAV-116	CLASSROOM 116	14	1,500	585	585	0.25	0	22.2	6.5	55.0	90.1	480/3/60	9.80	15.00	21	19	TITUS DESV	1,2,3,4,5
VAV-117	CLASSROOM 117	14	2,000	705	765	0.25	0	29.0	8.5	55.0	90.1	480/3/60	12.80	15.00	23	20	TITUS DESV	1,2,3,4,5
VAV-118	MECHELEC 118	10	950	190	190	0.25	0	8.5	2.5	55.0	96.6	208/1/60	15.00	15.00	23	25	TITUS DESV	1,2,3,4,5
VAV-201A	LANDING 201	10	880	180	180	0.25	0	6.8	2.0	55.0	90.1	208/1/60	12.00	15.00	23	25	TITUS DESV	1,2,3,4,5
VAV-201B	LANDING 201	9	820	170	170	0.25	0	6.8	2.0	55.0	92.2	208/1/60	12.00	15.00	20	24	TITUS DESV	1,2,3,4,5
VAV-201C	LOBBY 101	16	2,500	520	550	0.25	0	22.2	6.5	55.0	92.3	480/3/60	9.80	15.00	19	20	TITUS DESV	1,2,3,4,5
VAV-201D	LOBBY 101	16	2,500	520	550	0.25	0	22.2	6.5	55.0	92.3	480/3/60	9.80	15.00	19	20	TITUS DESV	1,2,3,4,5
VAV-201E	LOBBY 101	16	2,500	520	550	0.25	0	22.2	6.5	55.0	92.3	480/3/60	9.80	15.00	19	20	TITUS DESV	1,2,3,4,5
VAV-201F	LOBBY 101	16	2,500	520	550	0.25	0	22.2	6.5	55.0	92.3	480/3/60	9.80	15.00	19	20	TITUS DESV	1,2,3,4,5
VAV-205	CORRIDOR 203, LAUNDRY 205, STORAGE 207, CORRIDOR 214A	9	680	140	150	0.25	0	6.8	2.0	55.0	97.1	208/1/60	12.00	15.00	18	24	TITUS DESV	1,2,3,4,5
VAV-206	EXAM 204, EXAM 206	8	500	100	125	0.25	0	5.1	1.5	55.0	92.9	120/1/60	15.60	20.00	20	27	TITUS DESV	1,2,3,4,5
VAV-208	DEBRIEF 208	6	200	75	75	0.25	0	3.4	1.0	55.0	97.1	120/1/60	10.40	15.00	14	20	TITUS DESV	1,2,3,4,5
VAV-209	SIM LAB 209	6	325	150	150	0.25	0	6.8	2.0	55.0	97.1	208/1/60	12.00	15.00	21	23	TITUS DESV	1,2,3,4,5
VAV-210	DEBRIEF 210	6	250	120	120	0.25	0	5.1	1.5	55.0	94.5	120/1/60	15.60	20.00	17	23	TITUS DESV	1,2,3,4,5
VAV-211	CONTROL 211	8	575	115	115	0.25	0	5.1	1.5	55.0	96.2	120/1/60	15.60	20.00	22	28	TITUS DESV	1,2,3,4,5
VAV-212	SIM LAB 212, SIM TLT 212A	8	550	155	155	0.25	0	6.8	2.0	55.0	95.8	208/1/60	12.00	15.00	22	27	TITUS DESV	1,2,3,4,5
VAV-213	SIM LAB 213, CORRIDOR 214B	8	500	130	130	0.25	0	5.1	1.5	55.0	91.5	120/1/60	15.60	20.00	20	27	TITUS DESV	1,2,3,4,5
VAV-214	SKILLS LAB 214	16	2,650	655	675	0.25	0	25.6	7.5	55.0	90.1	480/3/60	11.30	15.00	22	22	TITUS DESV	1,2,3,4,5
VAV-216	STORAGE 215, OFFICE 216, OFFICE 217, OFFICE 218	8	550	110	130	0.25	0	5.1	1.5	55.0	91.5	120/1/60	15.60	20.00	22	27	TITUS DESV	1,2,3,4,5
VAV-221	WOMEN 221, MEN 222	6	200	200	200	0.25	0	8.5	2.5	55.0	94.5	208/1/60	15.00	15.00	14	20	TITUS DESV	1,2,3,4,5

REMARKS:
1. ALL AIR TERMINAL UNITS SHALL BE PROVIDED WITH TITUS "STERI-LOC" LINER OR EQUIVALENT.
2. UNIT AIR PRESSURE DROPS LISTED ARE AT MAXIMUM AIRFLOW.
3. CROSS-TYPE FLOW SENSING GRID AND DAMPER SHALL BE PROVIDED BY AIR TERMINAL UNIT MANUFACTURER. COORDINATE CONTROL PANEL LOCATION WITH PLANS AND CONTRACTOR.
4. ALL AIR TERMINAL UNITS WITH REHEAT COILS SHALL BE PROVIDED WITH A HINGED, GASKETED ACCESS DOOR UPSTREAM OF COIL FOR CLEANING PURPOSES.
5. ALL AIR TERMINAL UNITS WITH REHEAT COILS ADJUSTED FOR 300' ELEVATION

ALL AIR TERMINAL UNIT SHSALL BE PROVIDED WITH 24V AC CONTROL TRANSFORMER
PROVIDE DISCONNECT SWITCH FOR VAV BOX
MINIMUM INLET SIZE SHALL BE 6"
ELECTRIC COILS SHALL BE SCR TYPE. SEE SPECIFICATION 23 36 00 FOR MORE INFORMATION

DUCTLESS SPLIT SYSTEM AIR-CONDITIONERS SCHEDULE

OUTDOOR MARK	INDOOR MARK	SERVES	COOLING CAPACITY (BTU/H)	SEER2	CFM AT DRYCOIL AT FAN SPEED 1-2-3-4 or LOW-MED-HIGH	ENTERING AIR (EDB/EWB)	AMBIENT AIR (DEG. F)	ELECTRICAL CHARACTERISTICS (TO EACH COMPONENT)	REFRIGERANT TYPE	MANUFACTURER OR EQUIVALENT	INTERIOR BLOWER COIL MODEL	OUTDOOR MODEL	OUTDOOR ELEC. MCA	OUTDOOR ELEC. MOCP	REMARKS
CU-119	DSS-119	TELECOM 119	18,000	19.5	215-255-320-375	80/67	100	208-60-1	R454B	MITSUBISHI	PKA-AL18NL	PUY-AK18NL	16	27	1,2,3,4,5,6,7,8,9,10,11
CU-201C	DSS-201C	ELEVATOR	24,000	21.1	635,705,775	80/67	100	208-60-1	R454B	MITSUBISHI	PKA-AK24NL	PUY-AH24NL	23	37	1,2,3,4,5,6,7,8,9,10,11
CU-S2	DSS-S2	STAIR S2	18,000	19.5	215-255-320-375	80/67	100	208-60-1	R454B	MITSUBISHI	PKA-AL18NL	PUY-AK18NL	16	27	1,2,3,4,5,6,7,8,9,10,11

REMARKS
1. BOTH INDOOR UNIT AND OUTDOOR UNIT SHALL BE POWERED WITH SINGLE POINT ELECTRICAL CONNECTION AT OUTDOOR UNIT. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT ON BOTH INDOOR AND OUTDOOR UNITS. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
2. PROVIDE R-454B REFRIGERANT CHARGE, CASED DX COIL, CONDENSER COIL AND HAIL GUARD, THERMAL EXPANSION VALVE, AND FILTER DRYER, WIND BAFFLE, FIELD FABRICATED MOUNTING STAND
3. PROVIDE STANDARD FIVE (5) YEAR WARRANTY ON ALL PARTS AND LABOR, PROVIDE A 7 YEAR WARRANTY ON COMPRESSOR
4. PROVIDE ALL REQUIRED REFRIGERANT LINE SETS AND PIPING ACCESSORIES PER MANUFACTURER RECOMMENDATIONS. INSTALL A PVC JACKET SHIELD ON EXTERIOR EXPOSED INSULATION.
5. ROUTE REFRIGERANT LINE SETS FROM DSS TO CU ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. ENSURE THAT LINE SET DISTANCE AND VERTICAL RISE FALL WITHIN MAXIMUM RECOMMENDED VALUES.
6. PROVIDE OPTIONAL WIRED WALL-MOUNTED CONTROLLER.
7. PROVIDE WITH ALL NECESSARY ACCESSORIES FOR LOW AMBIENT COOLING TO -40 DEG F.
8. PROVIDE WITH WALL MOUNTING BRACKETS
9. PROVIDE WITH CONDENSATE PUMP SHIPPED LOOSE IN THE EVENT DRAIN PANS ARE UNABLE TO BE GRAVITY DRAINED AS SHOWN ON PLAN.
10. PROVIDE WIND BAFFLES AND ALL NECESSARY ACCESSORIES TO ALLOW FOR LOW AMBIENT COOLING FOR HEAT PUMP UNIT.
11. REFER TO SPECIFICATION SECTION 23 81 27 FOR MORE INFORMATION AND ADDITIONAL REQUIREMENTS.

DIFFUSER, REGISTER, AND GRILLE SCHEDULE

MARK:	TYPE:	MAX. P.D. (IN. WG.):	MAX. N.C.:	MAXIMUM CFM:	MANUFACTURER AND MODEL NUMBER:	REMARKS:
D-1	SQUARE PLAQUE CEILING DIFFUSER ARCH. TYPE	0.15	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE SPD OR EQUIVALENT	24" x 24" FACE SIZE, STEEL CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER AND INSTALLATION MATERIALS FOR CEILING TYPE
D-2	SQUARE PLAQUE CEILING DIFFUSER ARCH. TYPE	0.15	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE SPD OR EQUIVALENT	12" x 12" FACE SIZE, STEEL CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER AND INSTALLATION MATERIALS FOR CEILING TYPE
D-3	ADJUSTABLE SLOT DIFFUSER	0.15	20	SEE PLANS FOR CFM, SIZE, AND LENGTH	TITUS ML-39 OR EQUIVALENT	PROVIDE NECESSARY CONNECTIONS AND ACCESSORIES FOR INSTALLATION. ONE 1" SLOT, FULLY OPENED VERTICAL THROW AIR PATTERN. PROVIDE WITH FLUSH END. SEE PLANS FOR MOUNTING STYLE. PROVIDE WITH FACTORY INSTALLED ICE TONG DEFLECTOR BLADES.
D-4	ADJUSTABLE SLOT DIFFUSER	0.15	20	SEE PLANS FOR CFM, SIZE, AND LENGTH	PRICE JS OR EQUIVALENT	LINEAR SLOT DIFFUSER, DIFFUSER TO APPEAR CONTINUOUS, PROVIDE NECESSARY CONNECTIONS AND ACCESSORIES FOR INSTALLATION. ONE 3" SLOT, FULLY OPENED VERTICAL THROW AIR PATTERN. PROVIDE WITH FLUSH END. SEE PLANS FOR FRAME STYLE. PROVIDE WITH OPTIONAL BLANK OFF PLATE ON PORTION OF SLOT DIFFUSER NOT ATTACHED TO SUPPLY PLENUM. PROVIDE WITH VCR8EC CABLE OPERATED DAMPER.
D-5	SQUARE PLAQUE CEILING DIFFUSER ARCH. TYPE	0.15	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE SPD OR EQUIVALENT	24" x 24" FACE SIZE, STEEL CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER AND INSTALLATION MATERIALS FOR CEILING TYPE PROVIDE WITH OPTIONAL FACE MOUNTED DAMPER
D-6	SQUARE PLAQUE CEILING DIFFUSER ARCH. TYPE	0.15	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE SPD OR EQUIVALENT	12" x 12" FACE SIZE, STEEL CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER AND INSTALLATION MATERIALS FOR CEILING TYPE PROVIDE WITH OPTIONAL FACE MOUNTED DAMPER
D-7	SQUARE PLAQUE CEILING DIFFUSER ARCH. TYPE	0.15	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE SPD OR EQUIVALENT	24" x 24" FACE SIZE, ALUMINUM CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER AND INSTALLATION MATERIALS FOR CEILING TYPE
D-8	SQUARE PLAQUE CEILING DIFFUSER ARCH. TYPE	0.15	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE SPD OR EQUIVALENT	12" x 12" FACE SIZE, ALUMINUM CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER AND INSTALLATION MATERIALS FOR CEILING TYPE
G-1	PERFORATED GRILLE	-0.10	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE PDR OR EQUIVALENT	24" x 24" FACE SIZE, ALUMINUM CONSTRUCTION, ROUND OR RECTANGULAR DUCT CONNECTION (SEE PLANS), PERFORATED REMOVABLE FACE, WHITE FINISH UNLESS OTHERWISE NOTED ON PLAN. PROVIDE APPROPRIATE BORDER FOR...
G-2	PERFORATED GRILLE	-0.10	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE PDR OR EQUIVALENT	24" x 12" FACE SIZE, ALUMINUM CONSTRUCTION, ROUND OR RECTANGULAR DUCT CONNECTION (SEE PLANS), PERFORATED REMOVABLE FACE, WHITE FINISH UNLESS OTHERWISE NOTED ON PLAN. PROVIDE APPROPRIATE BORDER FOR...
G-3	PERFORATED GRILLE	-0.10	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE PDR OR EQUIVALENT	12" x 12" FACE SIZE, ALUMINUM CONSTRUCTION, ROUND OR RECTANGULAR DUCT CONNECTION (SEE PLANS), PERFORATED REMOVABLE FACE, WHITE FINISH UNLESS OTHERWISE NOTED ON PLAN. PROVIDE APPROPRIATE BORDER FOR...
G-4	PERFORATED GRILLE	-0.10	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE PDR OR EQUIVALENT	24" x 24" FACE SIZE, ALUMINUM CONSTRUCTION, ROUND OR RECTANGULAR DUCT CONNECTION (SEE PLANS), PERFORATED REMOVABLE FACE, WHITE FINISH UNLESS OTHERWISE NOTED ON PLAN. PROVIDE APPROPRIATE BORDER FOR... PROVIDE WITH OPTIONAL OPPOSED BLADE DAMPER
G-5	PERFORATED GRILLE	-0.10	20	SEE PLANS FOR CFM AND NECK SIZE	PRICE PDR OR EQUIVALENT	12" x 12" FACE SIZE, ALUMINUM CONSTRUCTION, ROUND OR RECTANGULAR DUCT CONNECTION (SEE PLANS), PERFORATED REMOVABLE FACE, WHITE FINISH UNLESS OTHERWISE NOTED ON PLAN. PROVIDE APPROPRIATE BORDER FOR... PROVIDE WITH OPTIONAL OPPOSED BLADE DAMPER
G-6	LOUVERED GRILLE	-0.10	20	SEE PLANS FOR CFM AND SIZE	PRICE 600 OR EQUIVALENT	3/4" BLADE SPACING, FIXED SINGLE DEFLECTION AT 45 DEGREE ANGLE, BLADES PARALLEL TO LONG DIMENSION, ALUMINUM FRAME AND BLADES, CONCEALED SCREW MOUNTING, COLOR TO MATCH CEILING/WALL, PROVIDE APPROPRIATE BORDER FOR WALL TYPE, REGISTER TO BE PAINTABLE TO MATCH ADJACENT WALL COLOR
R-1	REGISTER	0.10	20	SEE PLANS FOR CFM AND SIZE	PRICE 600 OR EQUIVALENT	3/4" BLADE SPACING, SINGLE DEFLECTION, ADJUSTABLE BLADES, FRONT BLADES PARALLEL TO LONG DIMENSION ALUMINUM FRAME AND BLADES, CONCEALED SCREW MOUNTING, COLOR TO MATCH CEILING/WALL, PROVIDE APPROPRIATE BORDER FOR CEILING/WALL TYPE, REGISTER TO BE PAINTABLE TO MATCH ADJACENT WALL COLOR

PANEL RADIATOR SCHEDULE

MARK:	SERVES:	MEDIUM:	CAPACITY (BTU/FT):	LENGTH (FT):	ELECTRICAL REQUIREMENTS WATTS	V/PH/H:	MANUFACTURER OR APPROV. EQUAL	MODEL:	REMARKS:
PR-1	LOBBY 101	A	500	10	1466	120/1/60	RUNTAL	EBP-208D	1,2,3,4
PR-2	LOBBY 101	A	500	10	1466	120/1/60	RUNTAL	EBP-208D	1,2,3,4

MEDIUM:
A - ELECTRIC HEAT

REMARKS:
1. PROVIDE 2" HIGH PEDESTAL BRACKETS PAINTED PER THE ARCHITECT'S COLOR SELECTION.
2. RADIATOR COLOR SHALL BE SELECTED BY ARCHITECT FROM THE MANUFACTURER'S EXTENDED COLOR SELECTION CHART. PROVIDE CHART WITH SUBMITTAL.
3. PROVIDE END CAPS AND TRIM ACCESSORIES AS NECESSARY TO CONCEAL ALL COMPONENTS AND TO GIVE A CONTINUOUS APPEARANCE.
4. PROVIDE WITH INTEGRAL ON/OFF SWITCH.

EXHAUST FAN SCHEDULE

MARK:	TYPE:	CFM:	EXTERNAL S.P. IN. WG.:	DRIVE:	FAN RPM:	SONES:	WEIGHT (LBS):	HP:	ELECTRICAL DATA V:	PH:	HZ:	FLA:	MCA:	MOP:	MANUFACTURER AND MODEL NUMBER:	REMARKS:
EF-1	ROOF MOUNTED DOWNBLAST EXHAUST FAN FOR RESTROOMS	1,800	0.75	DIRECT	1,563	14.3	70	3/4	115	1	60	10	12.5	20	GREENHECK G-130-VG	1,2,3,4,5

REMARKS:
1. PROVIDE INTEGRAL DISCONNECT.
2. PROVIDE WITH GRAVITY DAMPER AND DAMPER TRAY.
3. PROVIDE WITH INSULATED SEISMIC ROOF CURB.
4. PROVIDE EC MOTOR FOR BALANCING, VARI-GREEN OR EQUIVALENT.
5. PROVIDE CURB SEAL, BIRDSCREEN, AND HINGE KIT.
6. REFER TO SPECIFICATION SECTION 23 34 23 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

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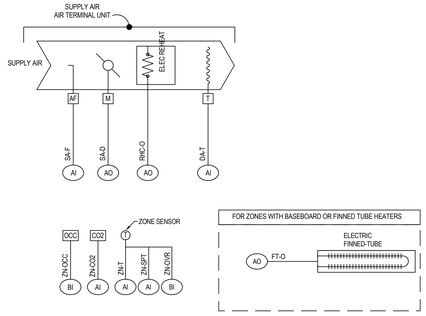
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UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 17140 — JAMES R. BEECHER
8/31/2026

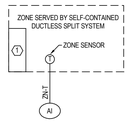
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REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:	



1 AIR TERMINAL UNIT CONTROL SCHEMATIC

NO SCALE

CONTROL POINTS LIST					
TYPE	NAME	DESCRIPTION	DEVICE	TREND	SHOW ON GRAPHIC
AI	ZN-T	ZONE TEMPERATURE	ZONE SENSOR	X	X
BI	ZN-OCC	ZONE OCCUPANCY	OCCUPANCY SENSOR (SEE DIV 26)	X	X
AI	ZN-CO2	ZONE CARBON DIOXIDE PPM	CO2 SENSOR	X	X
AI	ZN-SPT	ZONE SETPOINT ADJUSTMENT	THERMOSTAT	-	X
BI	ZN-OVR	ZONE MANUAL OVERRIDE	THERMOSTAT	X	X
AI	SA-F	SUPPLY AIRFLOW	AIR TERMINAL UNIT CONTROLLER	X	X
AO	SA-D	SUPPLY ZONE DAMPER	AIR TERMINAL UNIT CONTROLLER	X	X
AO	RHC-O	HEATING COIL CONTROL	SCR HEATER	X	X
AI	DA-T	DISCHARGE AIR TEMPERATURE	DUCT TEMP SENSOR	X	X
-	AF-SPT	AIRFLOW SOFTWARE SETPOINT	VIRTUAL POINT	X	X
-	HTG-SPT	HEATING SOFTWARE SETPOINT	VIRTUAL POINT	X	X
-	HTG-MODE	HEATING MODE	VIRTUAL POINT	X	X
-	DA-SPT	DAT HEATING LIMIT SETPOINT	VIRTUAL POINT	X	X
-	CLG-SPT	COOLING SOFTWARE SETPOINT	VIRTUAL POINT	X	X
-	CO2-SPT	CO2 ZONE SETPOINT	VIRTUAL POINT	X	X
-	-	OCCUPIED/UNOCCUPIED	VIRTUAL POINT	-	X
AO	FT-O	PERIMETER HEAT CONTROL	FINNED TUBE ELECTRIC HEATER	X	X



3 DUCTLESS SPLIT CONTROL SCHEMATIC

NO SCALE

KEY NOTES	
1	DUCTLESS SPLIT SYSTEM TO BE SELF-CONTAINED UNIT WITH FACTORY-MOUNTED CONTROLS AND FACTORY-PROVIDED THERMOSTAT. ZONE SENSOR SHALL BE REDUNDANT SENSOR INSTALLED BY CONTROLS CONTRACTOR TO MONITOR SPACE TEMPERATURE IN THESE ROOMS.

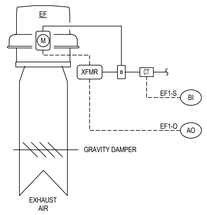
CONTROL POINTS LIST					
TYPE	NAME	DESCRIPTION	DEVICE	TREND	SHOW ON GRAPHIC
AI	ZN-T	ZONE TEMPERATURE	ZONE SENSOR	X	X

SEQUENCE OF OPERATIONS

1. ALARMS SHALL BE PROVIDED AS FOLLOWS:

1.1. LOW ZONE TEMP: IF THE TEMPERATURE IS LESS THAN 55 DEGREES (ADJ.) FOR 30 MINUTES (ADJ.).

1.2. HIGH ZONE TEMP: IF THE TEMPERATURE IS MORE THAN THE 85 DEGREES (ADJ.) FOR 30 MINUTES (ADJ.).



5 EXHAUST FAN CONTROLS SCHEMATIC

NO SCALE

EXHAUST FANS CONTROLS POINTS LIST

TYPE	POINT NAME	DESCRIPTION	DEVICE	GRAPHIC	REMARKS
BI	EF1-S	EXHAUST FAN #1 STATUS	CURRENT SWITCH	X	
AO	EF1-O	EXHAUST FAN #1 OUTPUT	INTEGRAL SPEED CONTROLLER (ECM), 0-10V	X	

EXHAUST FAN SEQUENCE OF OPERATIONS

1. GENERAL

1.1 CONTROL: CONTROL SHALL BE THROUGH THE BAS. IT IS INTENDED FOR THE FAN EF-1 TO RUN WHEN RTU-1 IS COMMANDED TO RUN. WHEN RTU-1 IS COMMAND TO STOP, THE BAS SHALL COMMAND THE EXHAUST FAN EF-1 TO ALSO STOP.

2. START / STOP

2.1 ON A START COMMAND, THE BAS SHALL START THE EXHAUST FAN, AND THE FAN SHALL RUN CONTINUOUSLY UNTIL GIVEN A STOP COMMAND. ON A STOP COMMAND, THE BAS SHALL STOP THE EXHAUST FAN.

3. SPEED CONTROL

3.1 THE FAN SPEED CONTROLLER SHALL ONLY BE USED FOR BALANCING PURPOSES. ONCE COMMMANDED ON, THE FAN SHALL OPERATE AT CONSTANT SPEED.

4. SAFETIES

4.1 FAN FAILURE: IF THE FAN IS GIVEN A START COMMAND AND THE CURRENT SWITCH INDICATES THE FAN IS NOT RUNNING, THEN THE EMCS SHALL ALARM.

SEQUENCE OF OPERATIONS

1. RUN CONDITIONS - SCHEDULED:

1.1. THE UNIT SHALL RUN ACCORDING TO A USER DEFINABLE TIME SCHEDULE AND OCCUPANCY SENSING IN THE FOLLOWING MODES:

1.1.1. OCCUPIED MODE: THE UNIT SHALL MAINTAIN SETPOINTS ACCORDING TO THE FOLLOWING TABLE:
1.1.2. ZONE / CLG SPT / HTG SPT:

OFFICES / 75 / 70
COMMON SPACES / 75 / 70
CLASSROOMS / 75 / 70
CONFERENCE ROOMS / 75 / 70
ELEC / MECH / DATA / 85 / 60

1.1.3. ALL SETPOINTS LISTED ABOVE SHALL BE USER-DEFINABLE.
1.1.4. UNOCCUPIED MODE (NIGHT SETBACK): THE BMS SHALL ADJUST THE SPACE TEMPERATURE SETPOINT TO A USER-DEFINABLE ZONE TEMP SETBACK SETPOINT (ADJUSTABLE, INITIALLY +5 DEG F OF OCCUPIED SPACE TEMP SETPOINT FOR COOLING AND -5 DEG F FOR HEATING).
1.1.5. ONCE ANY OF THE OCCUPANCY SENSORS SERVED BY A GIVEN ZONE INDICATE THAT THE ZONE IS OCCUPIED, THE BMS SHALL CHANGE THE MODE FROM UNOCCUPIED TO OCCUPIED FOR A USER-DEFINABLE TIME PERIOD.

2. ZONE SETPOINT ADJUSTMENT:

2.1. IF MANUAL SETPOINT CAPABILITY IS PROVIDED ON THE ZONE THERMOSTAT, THE ZONE TEMPERATURE SETPOINT SHALL BE ALLOWED TO VARY BY 2 DEG F (ADJUSTABLE) FROM THE NORMAL ZONE TEMPERATURE SETPOINTS.

3. ZONE UNOCCUPIED OVERRIDE:

3.1. A TIMED LOCAL OVERRIDE CONTROL SHALL ALLOW AN OCCUPANT TO OVERRIDE THE SCHEDULE AND PLACE THE UNIT INTO AN OCCUPIED MODE FOR AN ADJUSTABLE PERIOD OF TIME. AT THE EXPIRATION OF THIS TIME, CONTROL OF THE UNIT SHALL AUTOMATICALLY RETURN TO THE SCHEDULE.

4. RTU CONTROL:

4.1. UPON A CALL FOR VAV REHEAT OR COOLING BY ANY ZONE (ADJUSTABLE) IN UNOCCUPIED MODE, BMS SHALL INITIATE AHU OPERATION. REFER TO RTU CONTROL SCHEMATIC.

5. ZONE OPTIMAL START:

5.1. THE UNIT SHALL USE AN OPTIMAL START ALGORITHM FOR MORNING START-UP. THIS ALGORITHM SHALL MINIMIZE THE UNOCCUPIED WARM-UP OR COOL-DOWN PERIOD WHILE STILL ACHIEVING COMFORT CONDITIONS BY THE START OF THE SCHEDULED OCCUPIED PERIOD.

6. AIRFLOW RATE:

6.1. THE AIRFLOW SHALL BE MEASURED BY THE AIRFLOW SENSOR LOCATED IN THE NECK OF THE AIR TERMINAL UNIT.

7. DAMPER AND TEMPERATURE CONTROL:

7.1. THE UNIT SHALL MAINTAIN ZONE SETPOINTS BY CONTROLLING THE AIRFLOW THROUGH ONE OF THE FOLLOWING (DUAL MAXIMUM CONTROL - SEE FIGURE 1):

7.1.1. WHEN ZONE TEMPERATURE IS GREATER THAN ITS COOLING SETPOINT, THE ZONE DAMPER SHALL MODULATE BETWEEN THE MINIMUM AIRFLOW SETPOINT (ADJ) AND THE MAXIMUM COOLING AIRFLOW SETPOINT (ADJ) UNTIL THE ZONE IS SATISFIED. THE REHEAT COIL SHALL BE DISABLED. IF THE RTU SUPPLY TEMPERATURE TO THE BOX IS GREATER THAN ROOM SETPOINT, THE MAX COOLING CFM SHALL BE LIMITED TO THE MINIMUM AIRFLOW TO LIMIT OVERHEATING OF THE SPACE.
7.1.2. WHEN THE ZONE TEMPERATURE IS BETWEEN THE COOLING SETPOINT AND THE HEATING SETPOINT (DEADBAND MODE), THE ZONE DAMPER SHALL MAINTAIN THE MINIMUM AIRFLOW SETPOINT (ADJ.) THE REHEAT COIL SHALL BE DISABLED.
7.1.3. WHEN ZONE TEMPERATURE IS LESS THAN ITS HEATING SETPOINT, THE CONTROLLER SHALL MAINTAIN ZONE TEMPERATURE AT THE HEATING SETPOINT AS FOLLOWS:
7.1.3.1. FROM 0%-50% LOOP SIGNAL, THE HEATING LOOP OUTPUT SHALL RESET THE DISCHARGE TEMPERATURE FROM SUPPLY AIR TEMPERATURE SETPOINT (55 DEG F) TO 90 DEG F (ADJ).
7.1.3.2. FROM 50%-100% LOOP SIGNAL, THE HEATING LOOP OUTPUT SHALL RESET THE ZONE AIRFLOW SETPOINT FROM THE MINIMUM AIRFLOW SETPOINT TO THE MAXIMUM HEATING AIRFLOW SETPOINT. THE SUPPLY AIR DISCHARGE TEMPERATURE REMAINS AT 90 DEG F (ADJ).
7.1.4. UNOCCUPIED: WHEN THE ZONE IS UNOCCUPIED, THE UNIT SHALL FOLLOW THE ABOVE LOGIC, EXCEPT THAT THE MINIMUM AIRFLOW SHALL BE RESET TO THE MINIMUM UNOCCUPIED AIRFLOW. SEE "ROOMS WITH CO2 SENSORS" BELOW FOR UNOCCUPIED AIRFLOW RESET FOR THESE ZONES. ALL OTHER ZONES SHALL BE RESET BASED ON OCCUPANCY SENSOR AND/OR NIGHT SETBACK SCHEDULE.
7.1.5.

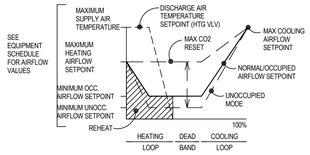


FIGURE 1: VAV WITH REHEAT - DUAL MAXIMUM CONTROL DAMPER POSITION

8. ELECTRIC REHEAT CONTROL:

8.1. THE CONTROLLER SHALL MEASURE THE ZONE TEMPERATURE AND MODULATE THE ELECTRIC SCR HEATER TO MAINTAIN THE DISCHARGE AIR SETPOINT PER THE ABOVE LOGIC. HEATING SHALL BE ENABLED WHENEVER THE ZONE TEMPERATURE DROPS BELOW THE HEATING SETPOINT.

9. DISCHARGE AIR TEMPERATURE:

9.1. A DISCHARGE AIR TEMPERATURE SENSOR SHALL BE LOCATED IN THE DUCTWORK DOWNSTREAM OF THE REHEAT COIL. THE CONTROLLER SHALL MONITOR THE DISCHARGE AIR TEMPERATURE.

10. BASEBOARD HEATING (WHERE APPLICABLE):

10.1. IN ZONES WITH BASEBOARD HEATERS, ON A CALL FOR HEATING, THE BAS SHALL HAVE 3 STAGES OF HEAT. FIRST STAGE: 0-50% HEATING LOOP SIGNAL PER DUAL-MAX LOGIC ABOVE. SECOND STAGE: THE BASEBOARD HEATER SHALL MODULATE TO MAINTAIN THE SPACE TEMPERATURE SETPOINT. THIRD STAGE: THE PANEL RADIATOR SHALL REMAIN FULL OPEN AND 50-100% HEATING LOOP SIGNAL ON THE VAV BOX. THE VAV BOX REHEAT COIL SHALL CONTINUE TO MODULATE TO MAINTAIN DISCHARGE AIR TEMPERATURE.

11. DEMAND CONTROLLED VENTILATION (DCV) FOR ROOMS WITH CO2 SENSORS:

11.1. THE BAS SHALL CONTINUOUSLY MONITOR CO2 CONCENTRATION IN THE ZONE. ZONE SENSORS SHALL BE INSTALLED ON THE WALL IN APPLICABLE ZONES.
11.2. THE BAS SHALL RESET THE MINIMUM AIRFLOW SETPOINT TO MAINTAIN THE CO2 CONCENTRATION BELOW THE MAXIMUM CO2 CONCENTRATION SETPOINT (ADJUSTABLE, INITIALLY 1000 PPM). THE MAXIMUM CO2 RESET SHALL NOT EXCEED THE MAXIMUM HEATING AIRFLOW SETPOINT.

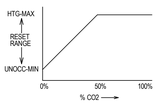
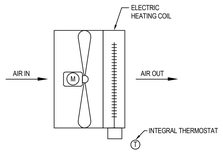


FIGURE 2: ZONE MINIMUM PRIMARY AIRFLOW SETPOINT RESET FROM CO2

12. ALARMS SHALL BE PROVIDED AS FOLLOWS:

12.1. LOW ZONE TEMP: IF THE TEMPERATURE IS LESS THAN THE HEATING SETPOINT BY 5 DEGREES (ADJ) FOR 30 MINUTES (ADJ).
12.2. HIGH ZONE TEMP: IF THE TEMPERATURE IS GREATER THAN THE COOLING SETPOINT BY 5 DEGREES (ADJ) FOR 30 MINUTES (ADJ).
12.3. HIGH DISCHARGE AIR TEMP: IF THE DISCHARGE AIR TEMP IS GREATER THAN 120 DEGREES (ADJ) FOR 10 MINUTES (ADJ).



2 ELECTRIC CABINET UNIT HEATER CONTROLS SCHEMATIC

NO SCALE

SEQUENCE OF OPERATIONS

1. RUN CONDITIONS:

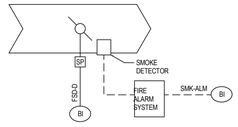
1.1 THE UNIT SHALL RUN TO MAINTAIN AN ADJUSTABLE ZONE TEMPERATURE SETPOINT (INITIALLY 65 DEG F).

2. ZONE SETPOINT ADJUSTMENT:

2.1. THE SETPOINT SHALL BE ADJUSTABLE VIA THE INTEGRAL UNIT THERMOSTAT / CONTROLLER.

3. FAN AND HEATING ELEMENT:

3.1. THE FAN SHALL RUN AND THE HEATING ELEMENT SHALL ENERGIZE ANYTIME THE ZONE TEMPERATURE DROPS BELOW HEATING SETPOINT, UNLESS SHUTDOWN ON SAFETIES.



4 FIRE/SMOKE DAMPER CONTROL SCHEMATIC

NO SCALE

CONTROL POINTS LIST					
TYPE	NAME	DESCRIPTION	DEVICE	TREND	SHOW ON GRAPHIC
BI	FSD-D	FIRE SMOKE DAMPER POSITION	POSITION SWITCH (FACTORY PROVIDED)	X	X
BI	SMK-ALM	FSD SMOKE ALARM	CONTROL RELAY FROM FACP	X	X

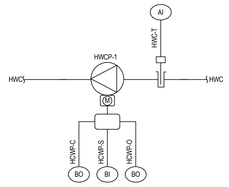
SEQUENCE OF OPERATIONS

1. FIRE SMOKE DAMPER POSITION:

1.1. A FACTORY-PROVIDED SWITCH PACKAGE SHALL BE PROVIDED WITH THE DAMPER. THE BMS SHALL MONITOR DAMPER POSITION.

2. ALARMS:

2.1. SMOKE ALARM: THE BMS SHALL GENERATE AN ALARM UPON RECEIVING A SMOKE DETECTOR STATUS FROM THE FIRE ALARM SYSTEM.
2.2. DAMPER POSITION: THE BMS SHALL ALARM UPON CLOSURE OF FIRE SMOKE DAMPER AS SEEN BY DAMPER SWITCH.



6 WATER SYSTEMS CONTROLS SCHEMATIC

NO SCALE

WATER SYSTEMS CONTROLS POINTS LIST

TYPE	POINT NAME	DESCRIPTION	DEVICE	GRAPHIC	REMARKS
AI	HWC-T	DOMESTIC HW CIRC TEMP	RTD/THERMOWELL/TRANSMITTER	X	
BO	HWCP-C	HW CIRC PUMP COMMAND	CONTROL RELAY	X	
BI	HWCP-S	HW CIRC PUMP STATUS	CURRENT TRANSFORMER	X	
AO	HWCP-O	HW CIRC PUMP OUTPUT	PUMP ECM	X	

WATER SYSTEMS SEQUENCE OF OPERATIONS

1. GENERAL

1.1 CONTROL: THE WATER HEATER CIRCULATION PUMP SHALL BE CONTROLLED BY THE BAS USING A USER-DEFINABLE TIME SCHEDULE. THE WATER LOOP TEMPERATURES SHALL BE MONITORED BY THE BMS AND SHALL ALARM UNDER THE FOLLOWING CONDITIONS:

HIGH SYSTEM TEMP: IF THE DOMESTIC WATER SYSTEM TEMP EXCEEDS 130 DEG F (ADJ), THEN THE BMS SHALL ALARM.

LOW SYSTEM TEMP: IF THE DOMESTIC WATER SYSTEM TEMP FALLS BELOW 100 DEG F (ADJ), THEN THE BMS SHALL ALARM.

NOTES:

1. SEE SPECIFICATIONS AND PIPING SCHEMATIC DRAWINGS FOR ADDITIONAL REQUIRED VALVES, PIPE ACCESSORIES, ETC.

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JAMES R. BESSIRE
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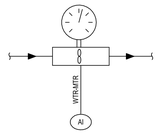
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M5.01



1 WATER METERS CONTROLS SCHEMATIC

NO SCALE

GENERAL NOTES:

1. SHALL APPLY TO ALL WATER METERS SHOWN IN WATER METER SCHEDULE ON PLUMBING DRAWINGS.

WATER METERS DDC CONTROL POINTS LIST					
	NAME	DESCRIPTION	DEVICE	GRAPHIC	TREND
AI	WTR-MTR	WATER FLOW RATE	WATER METER / CONTROL RELAY	X	X
		DEMAND		X	X
		PEAK MONTH-TO-DATE			
		PEAK TODAY			
		PEAK YEAR-TO-DATE			
		USAGE TODAY			
		USAGE MONTH-TO-MONTH			
		USAGE YEAR-TO-DATE			
		INVALID VALUE - ALARM			

WATER METERS
SEQUENCE OF OPERATIONS

1. GENERAL

1.1 CONTROL: REMOTE MONITORING SHALL BE MADE AVAILABLE THROUGH THE BAS.

2. WATER METERS:

2.1 THE CONTROLLER SHALL MONITOR THE WATER METERS FOR WATER CONSUMPTION ON A CONTINUAL BASIS. THESE VALUES SHALL BE MADE AVAILABLE TO THE SYSTEM AT ALL TIMES.

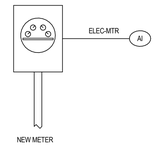
ALARM SHALL BE GENERATED AS FOLLOWS:
- INVALID READING: SENSOR READING INDICATES AN INVALID VALUE FROM THE WATER METERS.

3. PEAK DEMAND HISTORY

3.1 THE CONTROLLER SHALL MONITOR AND RECORD THE PEAK (HIGH AND LOW) DEMAND READINGS FROM THE WATER METERS. PEAK READINGS SHALL BE RECORDED ON A DAILY, MONTH-TO-DATE, AND YEAR-TO-DATE BASIS.

4. USAGE HISTORY:

4.1 THE CONTROLLER SHALL MONITOR AND RECORD WATER METER READINGS SO AS TO PROVIDE A WATER CONSUMPTION HISTORY. USAGE READINGS SHALL BE RECORDED ON A DAILY, MONTH-TO-DATE, AND YEAR-TO-DATE BASIS.



2 ELECTRICAL METERS

NO SCALE

GENERAL NOTES:

1. CONFIRM METER LOCATION AND NUMBER OF METERS FOR POINT COUNT WITH ELECTRICAL DRAWINGS.
2. REFER TO DIV. 26 SPECIFICATIONS FOR METER SPECIFICATIONS.
3. CONNECT TO BAS VIA BACNET/IP.

ELECTRICAL METERS POINTS LIST

TYPE	POINT NAME	DESCRIPTION	DEVICE
AI	ELEC-MTR	ELECTRICAL METER	ELEC METER (SEE DIV. 26 SPECS)

ELECTRICAL METERS
SEQUENCE OF OPERATIONS

1. GENERAL

1.1 CONTROL: REMOTE MONITORING SHALL BE MADE AVAILABLE THROUGH THE BAS.

2. ELECTRIC METER:

2.1 THE CONTROLLER SHALL MONITOR THE ELECTRIC METER FOR ELECTRICAL CONSUMPTION ON A CONTINUAL BASIS. THESE VALUES SHALL BE MADE AVAILABLE TO THE SYSTEM AT ALL TIMES.

ALARM SHALL BE GENERATED AS FOLLOWS:
- METER ALARM: SENSOR READING INDICATES AN INVALID VALUE FROM THE ELECTRIC METER.

3. PEAK DEMAND HISTORY

3.1 THE CONTROLLER SHALL MONITOR AND RECORD THE PEAK (HIGH AND LOW) DEMAND READINGS FROM THE ELECTRIC METER. PEAK READINGS SHALL BE RECORDED ON A DAILY, MONTH-TO-DATE, AND YEAR-TO-DATE BASIS AND SHALL BE REMOTELY RESETTABLE FROM THE BMS.

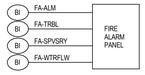
4. USAGE HISTORY:

4.1 THE CONTROLLER SHALL MONITOR AND RECORD ELECTRIC METER READINGS SO AS TO PROVIDE A POWER CONSUMPTION HISTORY. USAGE READINGS SHALL BE RECORDED ON A DAILY, MONTH-TO-DATE, AND YEAR-TO-DATE BASIS.

5. DEMAND LEVELS:

5.1 THE CONTROLLER SHALL SET THE SYSTEM DEMAND LEVEL (ADJ) BASED ON THE CURRENT POWER CONSUMPTION READINGS FROM THE ELECTRIC METER. THERE SHALL BE SIX DAILY TIME PERIODS IN WHICH THE DEMAND SHALL BE ADJUSTED ON THREE LEVELS. THESE DEMAND LEVELS SHALL BE AVAILABLE FOR FACILITY EQUIPMENT TO UTILIZE FOR DEMAND LIMITING.

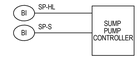
- DEMAND LEVEL 1: POWER CONSUMPTION HAS EXCEEDED THE FIRST DEMAND LEVEL THRESHOLD (ADJ).
- DEMAND LEVEL 2: POWER CONSUMPTION HAS EXCEEDED THE SECOND DEMAND LEVEL THRESHOLD (ADJ).
- DEMAND LEVEL 3: POWER CONSUMPTION HAS EXCEEDED THE THIRD DEMAND LEVEL THRESHOLD (ADJ).



FIRE ALARM SYSTEM CONTROL POINTS LIST							
	NAME	DESCRIPTION	DEVICE	TYPE	SOFTWARE PTS	ALARM	SHOW ON GRAPHIC
BI	FA-ALM	FIRE ALARM - ALARM CONDITION	VIRTUAL POINT	-	BINARY VALUE, TREND	X	X
BI	FA-TRBL	FIRE ALARM - TROUBLE	VIRTUAL POINT	-	BINARY VALUE, TREND	X	X
BI	FA-SPVSRY	FIRE ALARM - SUPERVISORY SWITCH ALARM	VIRTUAL POINT	-	BINARY VALUE, TREND	X	X
BI	FA-WTRFLW	FIRE ALARM - FIRE SUPPRESSION WATERFLOW ALARM	VIRTUAL POINT	-	BINARY VALUE, TREND	X	X

3 FIRE ALARM SYSTEM CONTROL SCHEMATIC

NO SCALE



SUMP PUMP CONTROL POINTS LIST					
TYPE	NAME	DESCRIPTION	DEVICE	TREND	SHOW ON GRAPHIC
BI	SP-HL	SP-1 HIGH LEVEL ALARM	DRY CONTACT ON FACTORY CONTROLLER	X	X
BI	SP-S	SUMP PUMP STATUS	CURRENT SWITCH	X	X
-	-	SUMP PUMP RUNTIME	VIRTUAL POINT	X	X

SEQUENCE OF OPERATIONS

1. SUMP PUMP RUNTIME

1.1. THE BMS SHALL SHOW AND TREND SUMP PUMP STATUS AND RUNTIME HOURS.

2. SUMP PUMP LEVEL ALARM:

2.1. THE UNIT CONTROLLER SHALL PROVIDE AN ALARM SIGNAL TO THE BMS WHEN THE LEVEL IS HIGH.

4 SUMP PUMP CONTROL SCHEMATIC

NO SCALE

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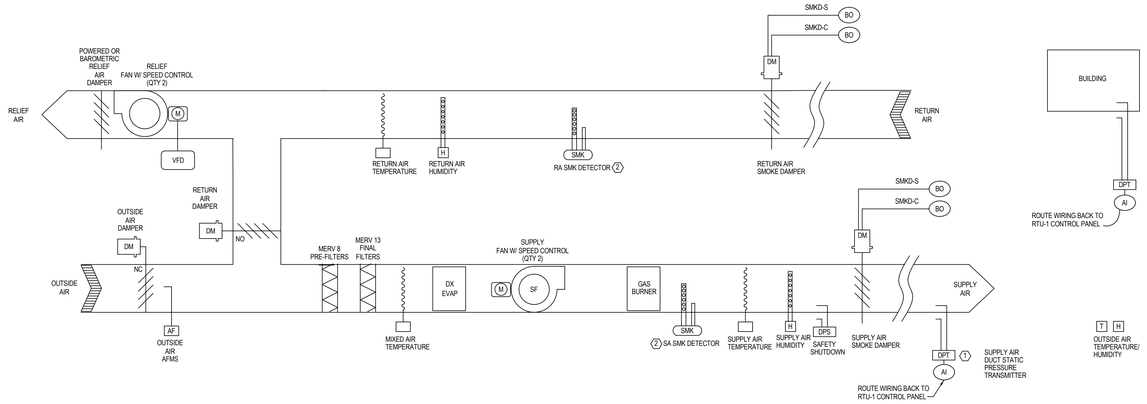
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JAMES R. BEECHER
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M5.02



1 RTU-1 CONTROLS SCHEMATIC

GENERAL NOTES:

1. THE RTU MANUFACTURER WILL BE RESPONSIBLE FOR PROVIDE THE UNIT OPERATIONAL CONTROLS. UNIT MANUFACTURER IS TO PROVIDE CONTROL MATCH THE SEQUENCE OF OPERATION AS DESCRIBED ON THIS SHEET. UNIT CONTROLS TO INCLUDE BACNET MS/TP COMMUNICATION CARD FOR COMMUNICATION WITH THE BUILDING MANAGEMENT SYSTEM. THE FOLLOWING POINTS SHALL REPORT TO THE BAS:
   - ON/OFF COMMAND
   - DISCHARGE AIR TEMPERATURE
   - RETURN AIR TEMPERATURE
   - RETURN AIR RELATIVE HUMIDITY
   - OUTSIDE AIR TEMPERATURE
   - OUTSIDE AIR RELATIVE HUMIDITY
   - MIXED AIR TEMPERATURE
   - SAFETY SHUTDOWN STATUS
   - SUPPLY FAN STATUS
   - SUPPLY FAN OUTPUT
   - RELIEF FAN STATUS
   - COOLING/HEATING STATUS
   - ECONOMIZER MODE STATUS
   - OCCUPIED/UNOCCUPIED MODE STATUS
   - COOLING OUTPUT
   - HEATING OUTPUT
   - SUPPLY AIR STATIC PRESSURE
   - REFRIGERANT LEAK DETECTION SYSTEM ALARM
2. THE FOLLOWING POINTS SHALL BE OPERATOR ADJUSTABLE BY THE BAS:
   - HEATING SETPOINT
   - HEATING DAT RESET SETPOINTS
   - COOLING SETPOINT
   - COOLING DAT RESET SETPOINTS
   - ECONOMIZER SETPOINT - OA CHANGEOVER
   - STATIC PRESSURE SETPOINT
   - MINIMUM OA SETPOINT

KEYED NOTES:

1. SEE SHEET M1.02 FOR STATIC PRESSURE SENSOR LOCATION.
2. TO FIRE ALARM SYSTEM BY FIRE ALARM INSTALLER.

CONTROL POINTS LIST

TYPE	NAME	DESCRIPTION	DEVICE	ALARM	SHOW ON GRAPHIC
AI	SF-P	SUPPLY FAN STATIC PRESS	DIFF PRESS TRANSMITTER	X	X
AI	B-PRS	BLDG PRESSURE	DIFF PRESS TRASMITTER		
BI	SMKD-S	RETURN AIR SMOKE DAMPER STATUS	END SWITCH	X	X
BI	SMKD-S	SUPPLY AIR SMOKE DAMPER STATUS	END SWITCH	X	X
BO	SMKD-C	RETURN AIR SMOKE DAMPER COMMAND	CONTROL RELAY	X	X
BO	SMKD-C	SUPPLY AIR SMOKE DAMPER COMMAND	CONTROL RELAY	X	X

ROOF TOP UNIT RTU-1 SEQUENCE OF OPERATIONS

ROOFTOP UNIT: RTU-1

1.1 CONTROLS:

CONTROL SHALL BE THROUGH A STANDALONE FACTORY CONTROLLER AND SHALL BE CONNECTED TO BUILDING AUTOMATION SYSTEM VIA A BACNET MSTP CONNECTION. THE UNIT CONTROLLER SHALL BE CAPABLE OF OPERATING AS A STANDALONE SYSTEM IF THE CONNECTION TO THE BAS IS LOST.

1.2 OCCUPIED MODE:

OCCUPIED MODE SHALL BE DETERMINED BY A USER-DEFINABLE TIME SCHEDULE. WHEN THE ROOFTOP UNIT IS IN OCCUPIED MODE, THE SUPPLY FANS SHALL OPERATE CONTINUOUSLY AND THE UNIT CONTROLLER SHALL MODULATE THE SPEED OUTPUT TO MAINTAIN THE SUPPLY AIR DUCT STATIC PRESSURE SETPOINT. THE UNIT CONTROLLER SHALL SEQUENCE THE HEATING AND COOLING OUTPUT TO MAINTAIN THE OCCUPIED DISCHARGE AIR TEMPERATURE SETPOINT (55 DEG F, ADJ). THE MIXED AIR DAMPERS SHALL MODULATE TO MAINTAIN THE MINIMUM OUTSIDE AIR SETPOINT (6,500 CFM, ADJ) AND THE RELIEF AIR FAN MODULATE TO MAINTAIN THE BUILDING PRESSURE SETPOINT.

1.3 UNOCCUPIED MODE:

UNOCCUPIED MODE SHALL BE DETERMINED BY A USER-DEFINABLE TIME SCHEDULE. WHEN THE ROOFTOP UNIT IS IN UNOCCUPIED MODE, THE SUPPLY FANS SHALL CYCLE ON/OFF WHEN A USER-DEFINABLE NUMBER OF ZONES ARE CALLING HEATING OR COOLING BASED ON UNOCCUPIED HEATING AND COOLING SETPOINTS (ADJ, 60 DEG F AND 80 DEG F INITIALLY). WHEN CALLED TO RUN, THE UNIT CONTROLLER SHALL MODULATE THE SPEED OUTPUT OF THE SUPPLY FANS TO MAINTAIN THE SUPPLY AIR DUCT STATIC PRESSURE SETPOINT. THE UNIT CONTROLLER SHALL SEQUENCE THE HEATING AND COOLING OUTPUT TO MAINTAIN THE UNOCCUPIED DISCHARGE AIR TEMPERATURE SETPOINT (55 DEG F, ADJ). THE MIXED AIR DAMPERS SHALL BE SET SO THAT THE OUTDOOR AIR DAMPER IS CLOSED AND THE RETURN AIR DAMPER IS OPEN.

1.4 MODE OVERRIDE:

IF THE UNIT IS IN UNOCCUPIED MODE AND THE OVERRIDE FUNCTION AT A THERMOSTAT IS ACTIVATED, THEN THE MODE OF OPERATION FOR THE RTU SHALL BE OVERRIDDEN TO OCCUPIED MODE FOR A USER-DEFINABLE NUMBER OF MINUTES (INITIALLY 90 MINUTES).

1.5 HEATING/COOLING CHANGEOVER:

THE UNIT CONTROLLER SHALL SEQUENCE THE HEATING AND COOLING MODES TO MAINTAIN THE UNIT DAT SETPOINT OF 55 DEG F (ADJ).

1.6 BUILDING PRESSURE CONTROL:

THE RELIEF FAN SHALL CYCLE ON/OFF TO MAINTAIN THE BUILDING PRESSURE SETPOINT OF 0.05" (ADJ) AS SENSED AT THE BUILDING PRESSURE SENSOR. THE RELIEF FAN DAMPER (BAROMETRIC OR MOTORIZED) SHALL OPEN WHEN THE RELIEF FANS ARE COMMANDED TO RUN.

1.7 SUPPLY FAN STATIC PRESSURE SETPOINT CONTROL:

THE SUPPLY AIR STATIC PRESSURE SHALL BE SENSED BY A DIFFERENTIAL PRESSURE TRANSMITTER AND SHALL BE USED TO MODULATE THE SPEED OUTPUT OF THE SUPPLY FANS TO MAINTAIN THE STATIC PRESSURE SETPOINT.

1.7.1 SUPPLY FAN STATIC PRESSURE SETPOINT RESET:

THE BAS SHALL CONTINUOUSLY MONITOR THE DAMPER POSITION OF ALL VAV BOXES AND SHALL RESET THE SUPPLY FAN STATIC PRESSURE SETPOINT BASED ON A TRIM AND RESPOND LOGIC TO MAINTAIN AT LEAST ONE VAV DAMPER AT 95% OPEN.

1.8 COOLING:

THE UNIT CONTROLLER SHALL MODULATE/STAGE ON COOLING TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SETPOINT WHEN THE DISCHARGE AIR TEMPERATURE IS ABOVE THE DISCHARGE AIR TEMPERATURE SETPOINT.

1.8.1 COOLING DAT SETPOINT RESET:

THE UNIT CONTROLLER SHALL RESET THE COOLING DISCHARGE AIR TEMPERATURE USING THE PRE-PROGRAMMED LOGIC. MINIMUM RESET SETPOINT SHALL BE 53 DEG F (ADJ) AND THE MAXIMUM RESET SETPOINT SHALL BE 65 DEG F (ADJ).

1.9 HEATING:

THE UNIT CONTROLLER SHALL MODULATE/STAGE ON HEATING TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SETPOINT WHEN THE DISCHARGE AIR TEMPERATURE IS BELOW THE DISCHARGE AIR TEMPERATURE SETPOINT.

1.9.1 HEATING DAT SETPOINT RESET:

THE UNIT CONTROLLER SHALL RESET THE HEATING DISCHARGE AIR TEMPERATURE USING THE PRE-PROGRAMMED LOGIC. MINIMUM RESET SETPOINT SHALL BE 55 DEG F (ADJ) AND THE MAXIMUM RESET SETPOINT SHALL BE 65 DEG F (ADJ).

1.10 ECONOMIZER:

A COMPARITIVE ENTHALPY ECONOMIZER FREE COOLING MODE SHALL BE ENGAGED WHENEVER THE OUTDOOR AIR ENTHALPY CONDITIONS ARE LESS THAN THE RETURN AIR ENTHALPY CONDITIONS REQUIRED TO UTILIZE OUTSIDE AIR FOR COOLING WITH THE OPERATION OF THE DX COMPRESSORS DISABLED. MIXED AIR DAMPERS SHALL MODULATE TO MAINTAIN THE SUPPLY AIR TEMPERATURE SETPOINT. THE OUTSIDE AIR DAMPER SHALL NOT BE ALLOWED TO MODULATE BELOW THE MINIMUM OUTDOOR AIR SETPOINT (ADJ). ONCE OUTDOOR AIR ENTHALPY CONDITIONS EXCEED REQUIRED ROOM AIR ENTHALPY CONDITIONS, ECONOMIZER MODE SHALL BE DISALBED AND THE UNIT SHALL ENABLE THE DX COMPRESSORS AND RETURN TO NORMAL OPERATION.

1.11 SMOKE DETECTORS:

THE SYSTEM SHALL SHUT DOWN UPON ACTIVATION OF SMOKE DETECTORS LOCATED IN THE SUPPLY AIR AND RETURN AIR STREAMS OR IF THE FIRE ALARM SYSTEM IS ACTIVATED.

1.12 SMOKE DAMPERS:

WHEN THE RTU IS ENABLED, THE SMOKE DAMPERS SHALL BE OPENED FIRST. ONCE PROVED OPEN, THEN THE RTU SHALL BE ALLOWED TO RUN. DURING NORMAL OPERATION, THE DAMPERS SHALL REMAIN OPEN.

UPON ACTIVATION OF THE SUPPLY OR RETURN AIR DUCT DETECTORS,THE RTU SHALL BE COMMANDED TO SHUT DOWN AND THEN THE SMOKE DAMPERS SHALL BE COMMANDED TO CLOSE AFTER A TIME DELAY. THE DAMPERS SHALL REMAIN CLOSED UNTIL THE ALARM CONDITION IS CLEARED AND THE SYSTEM IS RESET.

1.13 SUPPLY AIR SAFETY SHUTDOWN:

THE SYSTEM SHALL SHUT DOWN UPON ACTIVATION OF THE HIGH PRESSURE SWITCH LOCATED AT THE DISCHARGE OF THE UNIT AND SHALL REQUIRE MANUAL RESET FOR THE SYSTEM TO RETURN TO OPERATION.

1.14 REFRIGERANT LEAK DETECTION:

THE RTU SHALL BE FURNISHED WITH A LEAK DETECTION SYSTEM FROM THE FACTORY THAT INITIATES MITIGATION ACTIONS AS REQUIRED BY ASHRAE STANDARD 15 AND UL 60335-2-40. THE BAS SHALL ALARM IF A LEAK IS DETECTED.

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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 17140 — JAMES R. BESSIRE — 8/31/2026

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

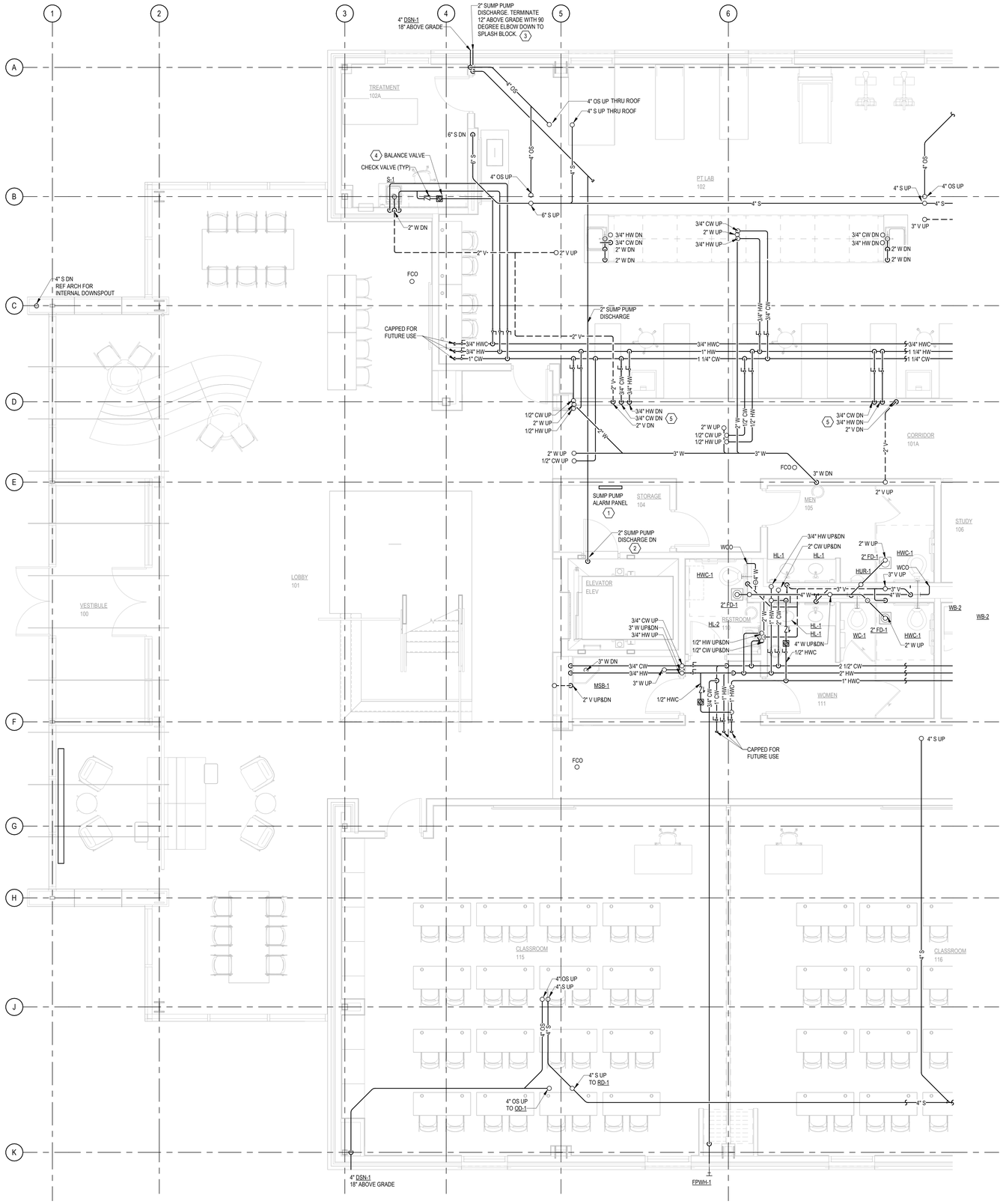
ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Mechanical Controls

M5.03



FIRST FLOOR PLUMBING PLAN - AREA A

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

PLAN NOTES:

1. INSTALL SUMP PUMP ALARM PANEL IN THIS ROOM. COORDINATE FINAL LOCATION OF PANEL WITH OTHER TRADES AND EQUIPMENT WITHIN THIS ROOM.
2. SUMP PUMP AND DISCHARGE PIPING LOCATION TO BE COORDINATED WITH ELEVATOR COMPONENTS.
3. SUMP PUMP DISCHARGE AND STORM ARE SHOWN OFFSET, ROUTED PUMP DISCHARGE BELOW STORM IN ORDER TO FIT WITHIN WALL CAVITY.
4. THERMOSTATIC BALANCE VALVE SET TO 110°F
5. PIPING ROUTED TO ISLAND VENT. REFERENCE SITE PACKAGE FOR UNDERSLAB PIPING

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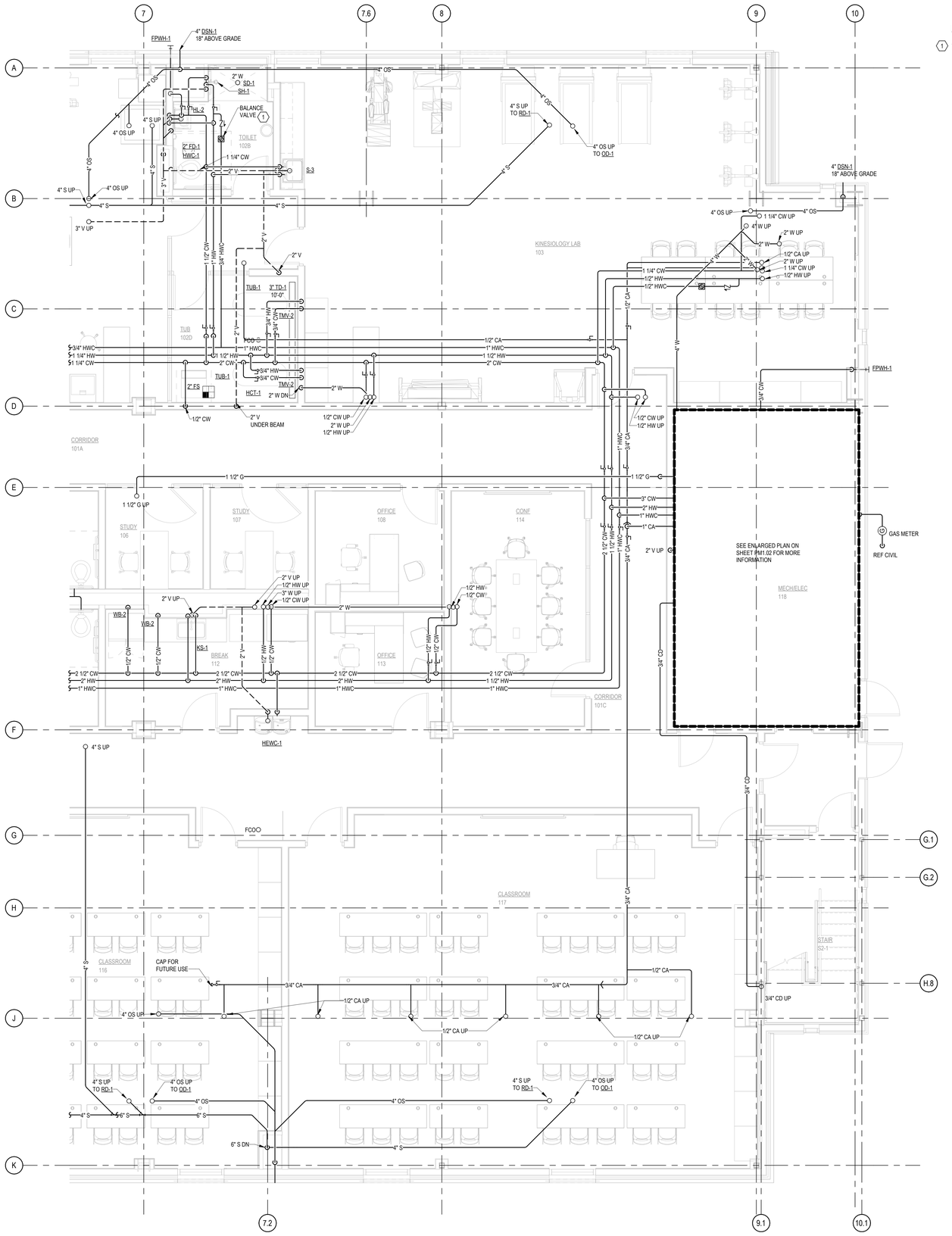
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8/31/2026

A B

Key Plan

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:	First Floor Plumbing Plan - Area A	

P1.01



PLAN NOTES:

1. THERMOSTATIC BALANCE VALVE SET TO 110°F

FIRST FLOOR PLUMBING PLAN - AREA B

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

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A B

Key Plan

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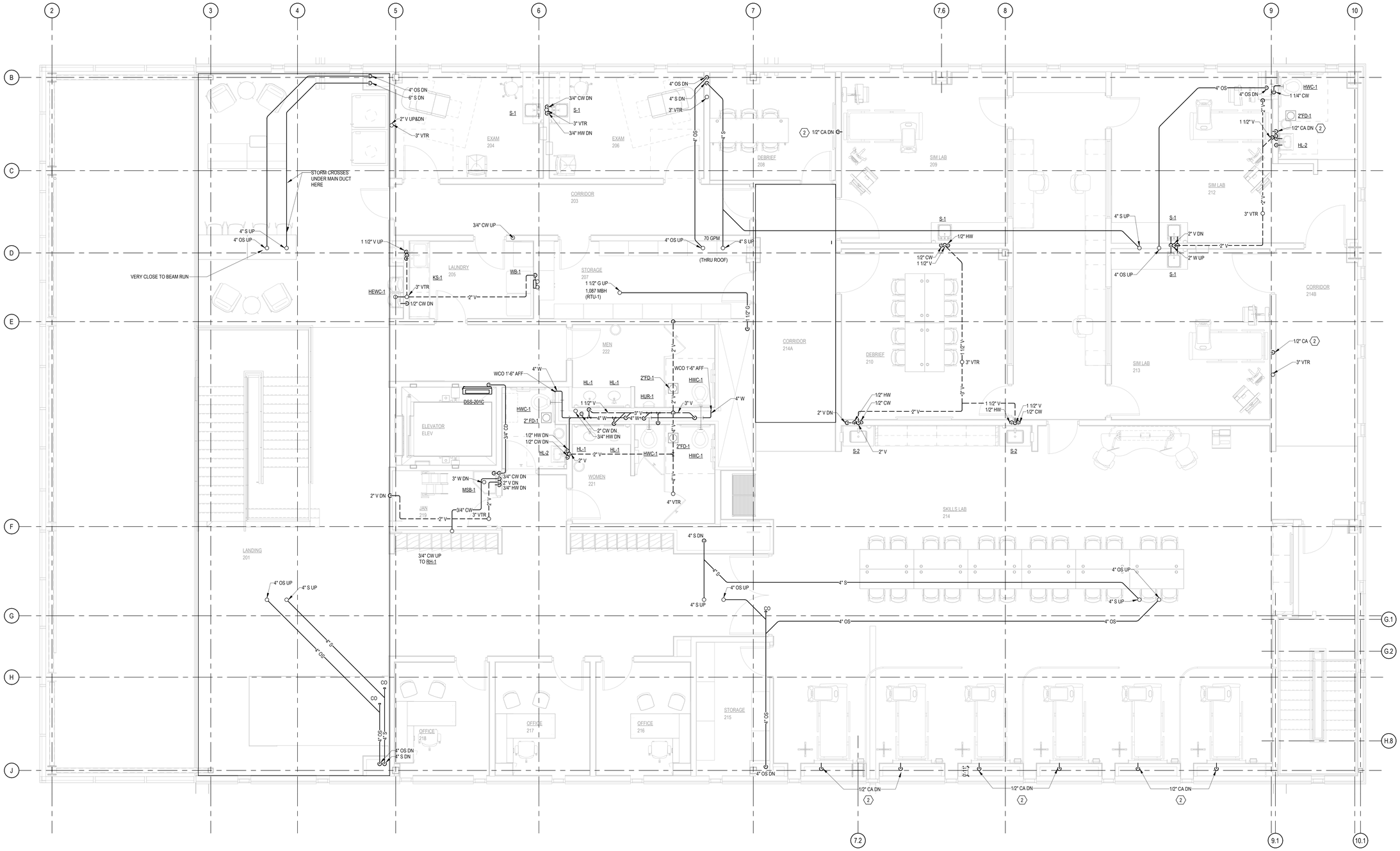
TITLE: First Floor Plumbing Plan - Area B

P1.02

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PLAN NOTES:

1. ROUTE DRAIN FROM ROOF HYDRANT (RH-1) TO MOP BASIN WITH APPROVED AIR GAP.
2. 1/2 COMPRESSED AIR TO SERVE HEADWALL, COORDINATE CONNECTION.



SECOND FLOOR PLUMBING PLAN

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

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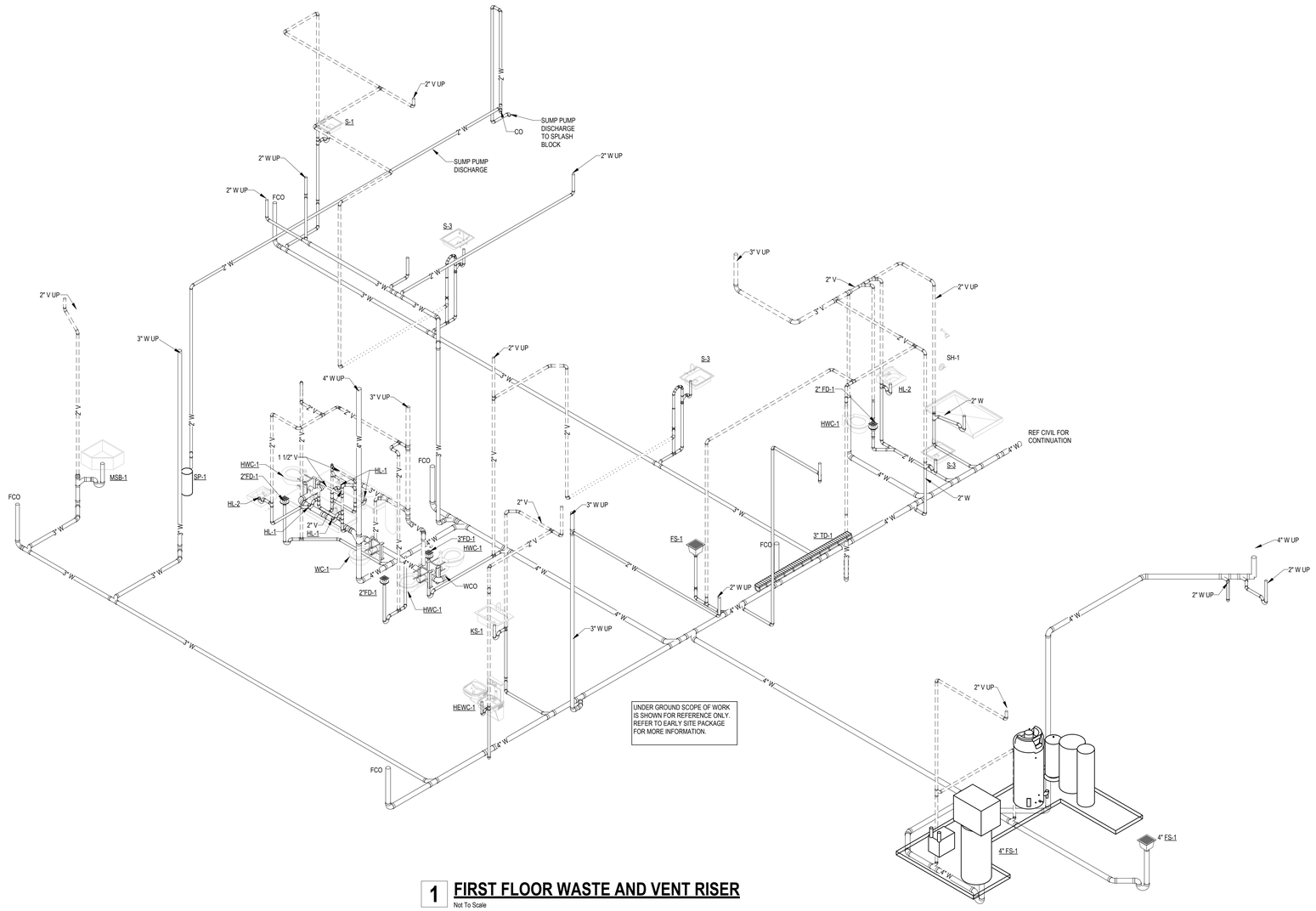
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TITLE:		Second Floor Plumbing Plan

P1.03



1 FIRST FLOOR WASTE AND VENT RISER

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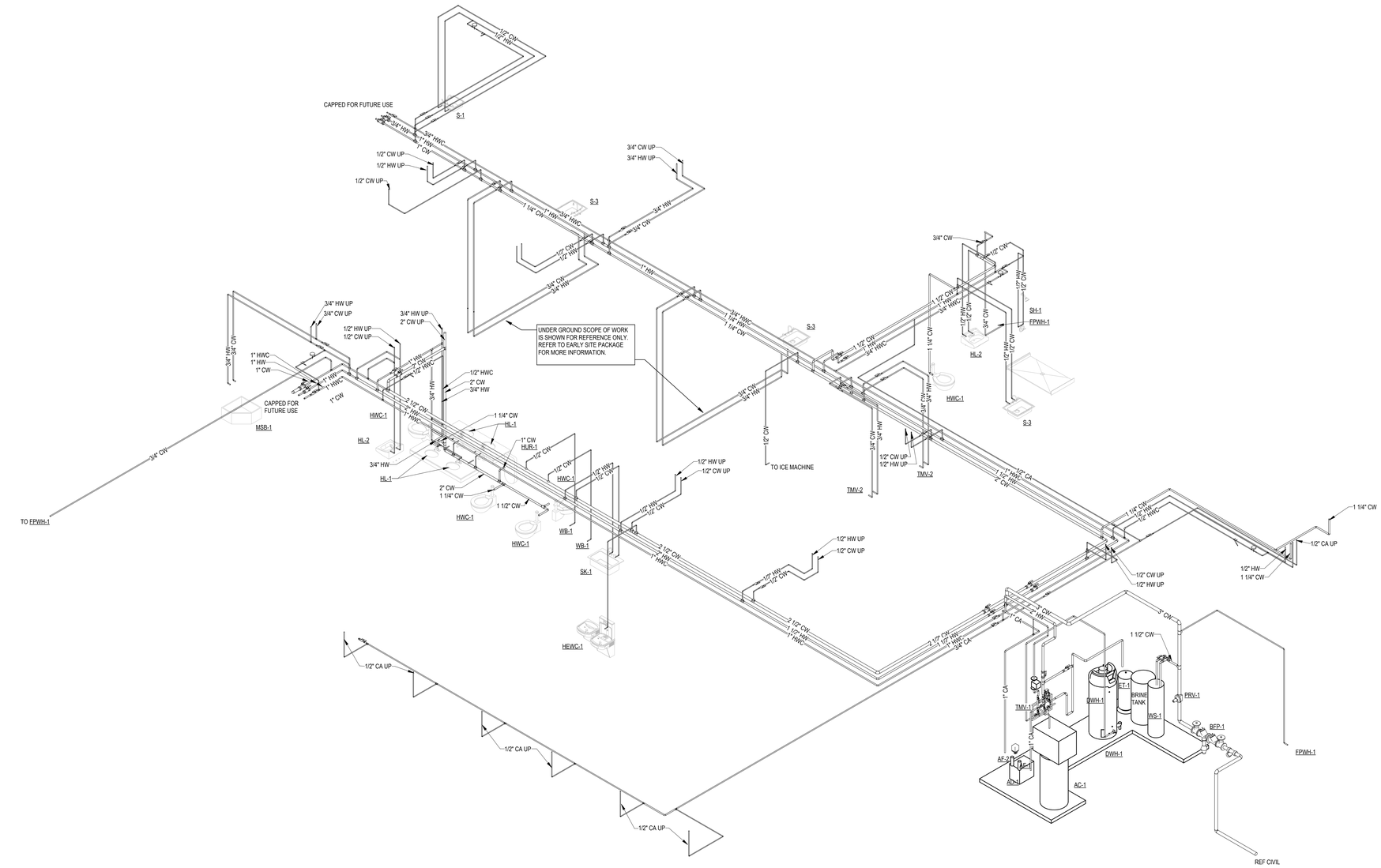
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#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:	First Floor Waste and Vent Riser	

P2.01



1 FIRST FLOOR PLUMBING RISER

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#	DATE	DESCRIPTION
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ISSUE FOR CONSTRUCTION:		

DATE: 08/31/2026

TITLE: First Floor Domestic Water Riser

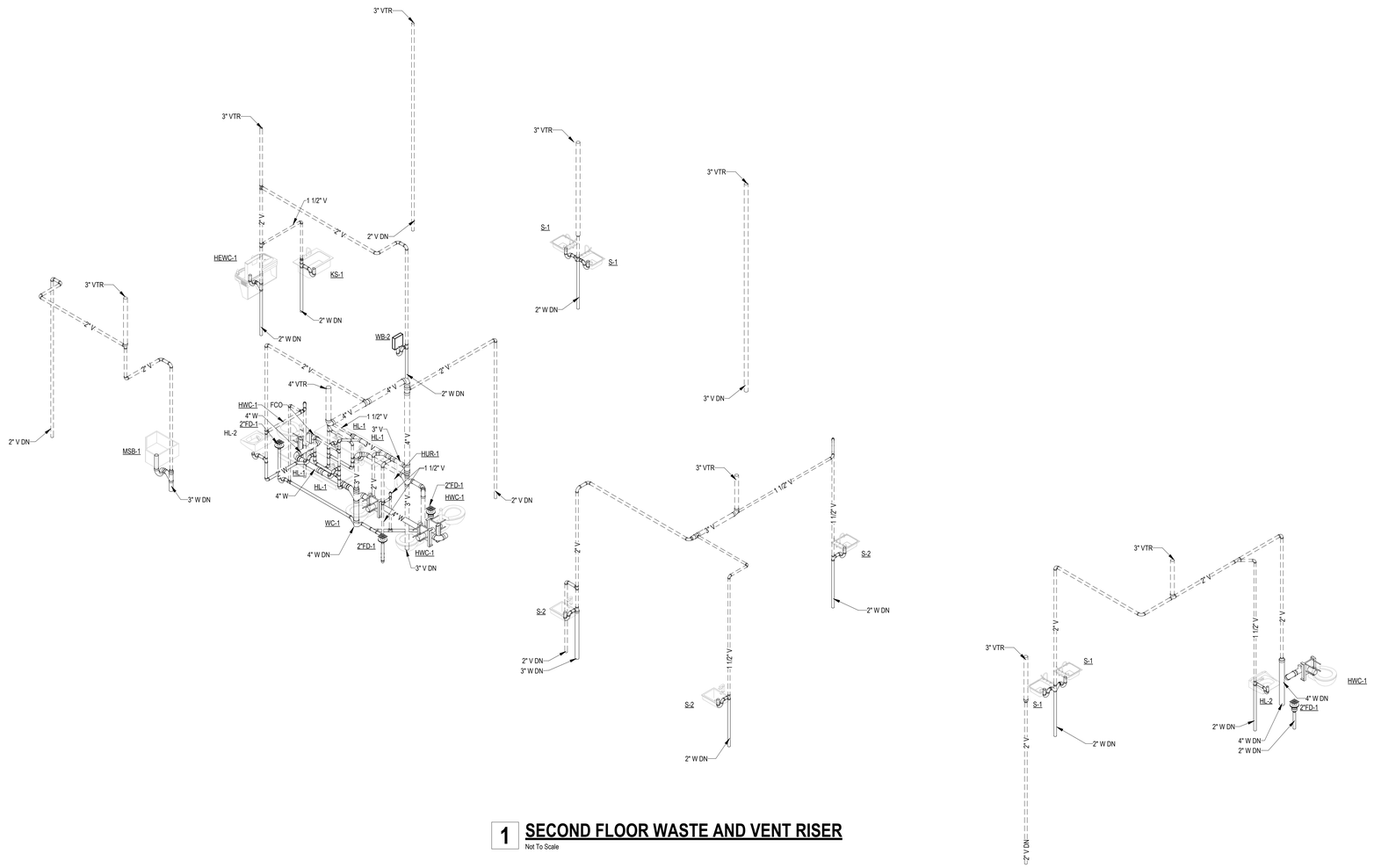
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0 1"



1 SECOND FLOOR WASTE AND VENT RISER

Not To Scale

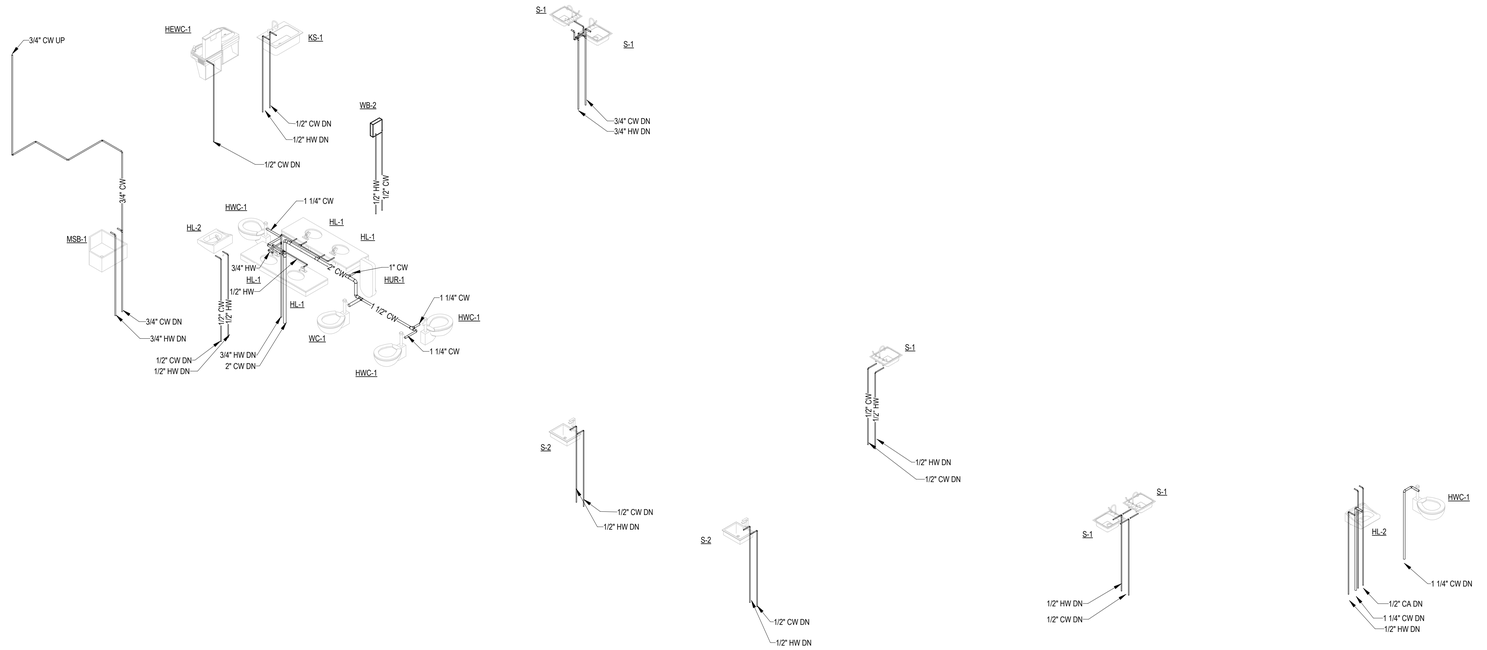
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ISSUE FOR CONSTRUCTION:		
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TITLE:		Second Floor Waste and Vent Riser

P2.03



1 SECOND FLOOR DOMESTIC WATER RISER

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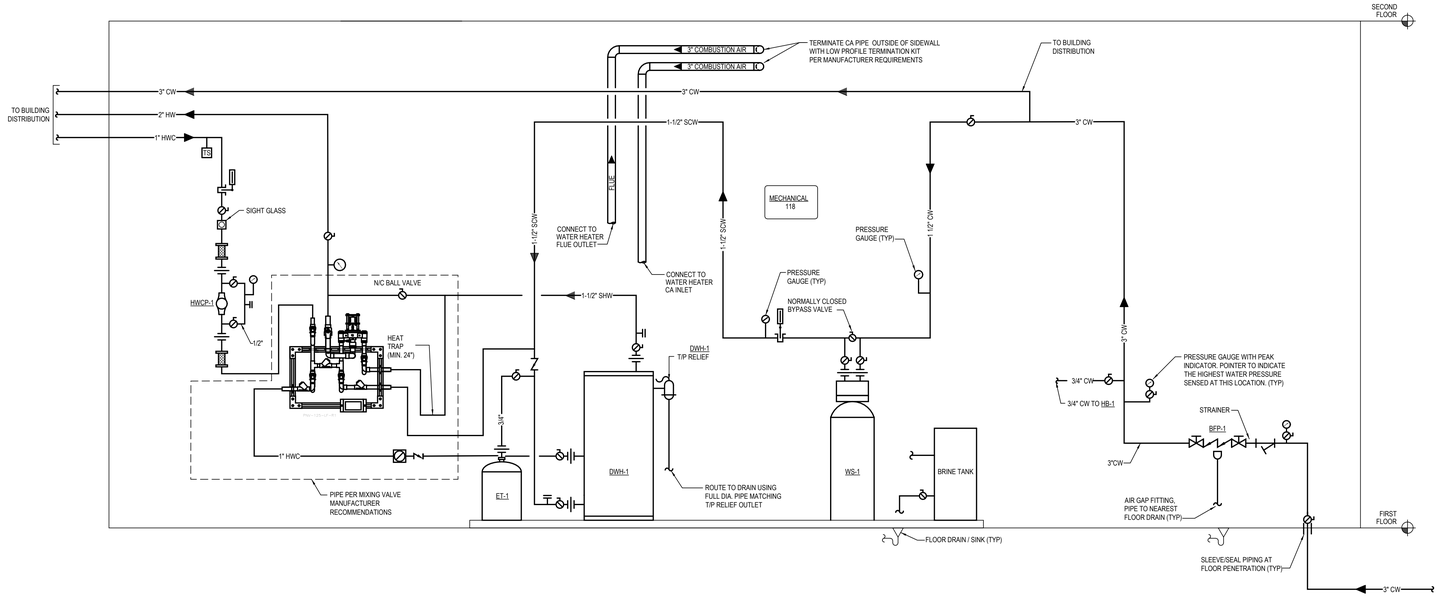
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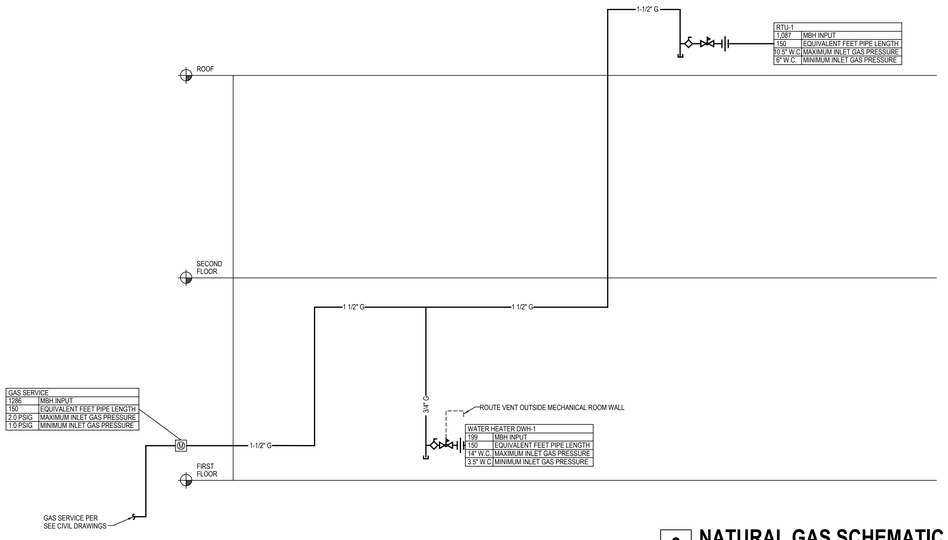
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DATE:		08/31/2026
TITLE:		Second Floor Domestic Water Riser

P2.04



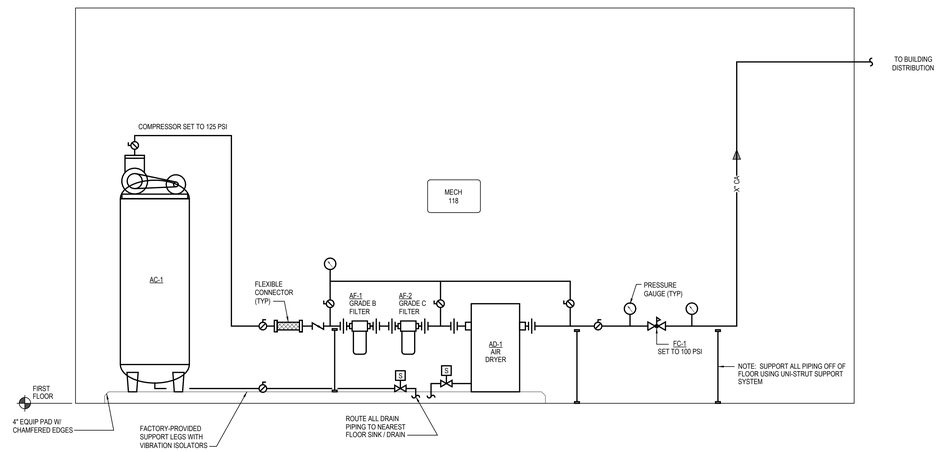
1 WATER SYSTEMS PIPING SCHEMATIC

NO SCALE



3 NATURAL GAS SCHEMATIC

NO SCALE NOTE: REGULATOR VENTS SHALL BE ROUTED THROUGH EXTERIOR WALL AND TERMINATED WITH ELBOW DOWN AND BIRD SCREEN.



4 COMPRESSED AIR PIPING SCHEMATIC

NO SCALE

GENERAL NOTES:

1. PIPE FILTER CONDENSATE DRAINS TO CLOSEST FLOOR DRAIN.

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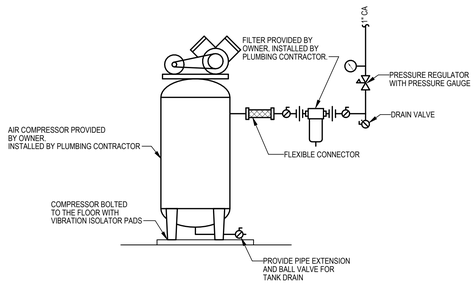
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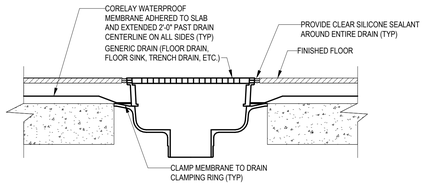
TITLE: Plumbing Schematics and Mech Room

P3.01



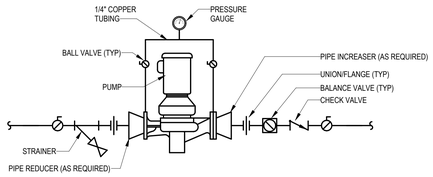
1 AIR COMPRESSOR DETAIL

Not To Scale



2 DRAIN WATERPROOFING

Not To Scale

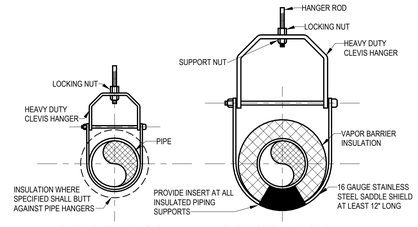


NOTES:

1. SUPPORT PUMP INDEPENDENTLY OF PIPING USING SPRING ISOLATION HANGERS.

3 INLINE CIRCULATOR PUMP

Not To Scale



CLEVIS HANGER ROD SCHEDULE

PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4"-5"	5/8" DIA.
2 1/2" - 3"	1/2" DIA.	6" - 12"	7/8" DIA.

4 TYPICAL PIPE HANGER DETAIL

Not To Scale

5 WALL HYDRANT DETAIL

Not To Scale

6 ELEVATOR SUMP PUMP DETAIL

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7 ISLAND SINK VENT/WASTE CONNECTION DETAIL

Not To Scale

8 ICE MAKER/COFFEE MAKER PIPING DETAIL

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TITLE: Plumbing Details

P4.01

PLUMBING SPECIALTIES SCHEDULE

MARK:	FUNCTION:	SERVES:	CAPACITY:	MANUFACTURER/ MODEL:	DESCRIPTION:	REMARKS:
BFP-1	BACKFLOW PREVENTER	DOMESTIC COLD WATER MAIN WATER ENTRY	3" VALVE SIZE	WATTS LF909 OR APPROV. EQUIV.	REDUCED PRESSURE ZONE ASSEMBLY TYPE, ASSE 1013 AND AWWA C511-92 COMPLIANT, RATED FOR 175 PSIG	3
DSN-1	DOWNSPOUT NOZZLE	OVERFLOW STORM DRAINAGE SYSTEMS	SEE PLANS FOR SIZE	ZURN Z199-DC NO EQUIV.	ROUND STAINLESS STEEL FRAME, PERFORATED STAINLESS STEEL HINGED STRAINER	
ET-1	EXPANSION TANK	HOT WATER SYSTEM	16.5 GALLON, 15" DIAMETER	AMTROL THERM-X-TROL ST-30V-C OR EQUIV.	HIGH DIAPHRAM TYP EXPANSION TANK SPECIFICALLY DESIGNED FOR POTABLE WATER.	1
FD-1	FLOOR DRAIN	DOMESTIC / LAB DWV	5" TOP STRAINER, SEE PLANS FOR OUTLET SIZE	WADE M/N 1100-A OR EQUIV.	CAST IRON BODY WITH FLANGE, INTEGRAL CLAMPING COLLAR, SEEPAGE OPENINGS, 5" TOP SIZE, NICKEL BRONZE STRAINER. PROVIDE WITH TRAP SEAL.	2
FS-1	FLOOR SINK	DOMESTIC / LAB DWV	12" X 12" 3/4 GRATE STRAINER, SEE PLANS FOR OUTLET SIZE	WADE M/N 9140LF OR EQUIV.	CAST IRON BODY, 12 X 12 BY 8" DEEP WITH ACID RESISTANT EPOXY INTERIOR. AND 3/4 NICKEL BRONZE 12" X 12" GRATE. PROVIDED WITH SECONDARY INTERNAL DOME STRAINER, NO HUB CONNECTION, SEEPAGE FLANGE AND CLAMP DEVICE.	2
OD-1	ROOF DRAIN (OVERFLOW / SECONDARY)	OVERFLOW STORM DRAINAGE SYSTEM	SEE PLANS FOR SIZE	WADE M/N 3000-ADF-D-42 OR EQUIV.	CAST IRON BODY AND CAST IRON DOME, ROOF CLAMPING COLLAR, UNDERDECK CLAMP, ADJUSTABLE EXTENSION. PROVIDE 2" HIGH COLLAR AROUND RECEPTOR ENTRANCE SO DRAIN SERVES AS OVERFLOW DRAIN.	
RD-1	ROOF DRAIN (PRIMARY)	STORM DRAINAGE SYSTEM	SEE PLANS FOR SIZE	WADE M/N 3000-ADF-42 OR EQUIV.	CAST IRON BODY AND CAST IRON DOME, ROOF CLAMPING COLLAR, UNDERDECK CLAMP, ADJUSTABLE EXTENSION.	
SD-1	SHOWER DRAIN	DOMESTIC DWV	SEE PLANS FOR OUTLET SIZE	SHOWER STALL DRAIN: ZURN FD2260 OR EQUIV.	PVS / ABS BODY, NEOPRENE GASKET, ADJUSTABLE HEAD OPENINGS, 4 1/16" TOP SIZE, STAINLESS STEEL STRAINER. PROVIDE WITH TRAP SEAL.	
TD-1	TRENCH DRAIN	DOMESTIC DWV	SEE PLANS FOR OUTLET SIZE	TRENCH DRAIN: ZURN M/N Z886 OR EQUIV.	7" WIDE X 80" WIDE REVEAL TRENCH DRAIN OR EQUIVALENT. THROAT SHALL BE 4". GRATE OPTION TBD MIN. 5.3" SHALLOW INVERT REFER TO PLANS FOR TOTAL LENGTH. CONFORM TO ASTM A351, GRADE CF8.	2
FS-1	FLOOR SINK	DOMESTIC / LAB DWV	12" X 12" 3/4 GRATE STRAINER, SEE PLANS FOR OUTLET SIZE	WADE M/N 9140LF OR EQUIV.	CAST IRON BODY, 12 X 12 BY 8" DEEP WITH ACID RESISTANT EPOXY INTERIOR. AND 3/4 NICKEL BRONZE 12" X 12" GRATE. PROVIDED WITH SECONDARY INTERNAL DOME STRAINER, NO HUB CONNECTION, SEEPAGE FLANGE AND CLAMP DEVICE.	2

GENERAL NOTES:
1. SEE SPECIFICATION 22 11 19 FOR ADDITIONAL REQUIREMENTS.

REMARKS;
1. 150 PSIG DESIGN PRESSURE, HEAVY DUTY BUTYL DIAPHRAGM, CARBON STEEL SHELL, CONSTRUCTED TO ASME SECTION VIII, DIVISION 1.
2. MINIMUM SIZE OF UNDER SLAB WASTE/VENT SHALL BE 2".
3. PROVIDE W/ NON-RISING STEM RESILIENT SEATED GATE VALVES AND FDA EPOXY COATED STRAINER.

PLUMBING EQUIPMENT SCHEDULE

EQUIPMENT MARK:	TYPE:	SERVES:	OPERATING CONDITIONS:	CAPACITY:	MANUFACTURER AND MODEL:	REMARKS:
DWH-1	GAS-FIRED WATER HEATER WITH VERTICAL STORAGE TANK	DOMESTIC HOT WATER SYSTEM	4.5" W.C. NATURAL GAS 268 GPH @ 40-140 DEG.F. 199,900 BTU	100 GALLON STORAGE	A.O. SMITH BTH-199 OR APPROVED EQUIVALENT	- 25 YEAR UNLINED DUPLEX ALLOY TANK WARRANTY. - UL RATED - MEETS ASHRAE 90.1, 2010 - ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE. 120v-60HZ A.C., 5 AMPS POWER DIRECT VENT OPTION
TMV-1	ELECTRONIC MIXING VALVE PRE-PIPED ASSEMBLY	DOMESTIC HOT WATER SYSTEM	140°F E.W.T 120°F L.W.T	.25 GPM MINIMUM FLOW 40 GPM MAX FLOW @ 5 PSI DROP 1" INLETS, 1-1/4" OUTLET	LEONARD PNV-125-LF-R1 OR APPROVED EQUIVALENT	- PRE-PIPED DIGITAL MIXING VALVE WITH UNION CONNECTIONS, SERVICABLE LOW-LEAD STAINLESS STEEL CHECK VALVES, A RECICULATION CONNECTION AND ISOLATION VALVES. - PRE-MOUNTED AND PRE-WIRED TO THE VALVE ACTUATOR, AND RETURN WATER TEMPERATURE SENSOR, IN A PACAKGED WALL MOUNT CONFIGURATION W/ STEEL UNISTRUT FRAME. - ASSE 1017 CERTIFIED - SEE SPECIFICATION SECTION 22 30 00 FOR ADDITIONAL REQUIREMENTS.
TMV-2	WHIRLPOOL MIXING VALVE	STATIONARY WHIRLPOOL (TUB-1)	HOT WATER EWT: 120°F (OPERATING RANGE -10-180°F)	0.5 GPM MINIMUM FLOW 15 GPM MAX FLOW @ 45 PSI DIFFERENTIAL 1/2" INLETS, 1/2" OUTLET	WHITEHALL MXT15-OTG OR APPROVED EQUIVALENT	CHROME PLATED ADJUSTABLE MIXING VALVE WITH UNION CONNECTIONS WITH PRESSURE VACUUM BREAKER, BALL VALVES, TEMPERATURE GAUGE STAINLESS STEEL FINISH WASHOUT HOSEKIT WITH SPRAY HANDLE - SEE SPECIFICATION SECTION 22 30 00 FOR ADDITIONAL REQUIREMENTS.
WS-1	WATER SOFTENER	HOT WATER SYSTEMS	14.4 GRAINS HARDNESS ENTERING WATER	SYSTEM CAPACITY: 75 GPM TOTAL FLOW INDIVIDUAL SOFTENER CAPACITY: 90,000 GRAIN CAPACITY AT 45 LBS SALT, 57 GPM CONTINUOUS FLOW AT 15 PSIG WPD	CULLIGAN CTM-90-DF WATER SOFTENER SYSTEM OR APPROVED EQUIVALENT	- 16" x 53" FIBERGLASS SOFTENERS, ONE 24" DIA x 50" TALL POLYETHYLENE BRINE TANK, RATED FOR 150 PSIG - 2" INLET AND OUTLET PIPE SIZE WITH DRAIN. - PROVIDE ELECTRONIC METERED CONTROL OF REGENERATION, TIMER CONTROL IS NOT ACCEPTABLE - ELECTRICAL: 120V / 1P / 60 HZ, 24V TRANSFORMER SHALL BE PROVIDED - AUTOMATIC BYPASS DURING BACKWASH CYCLE **- VENDOR SHALL VERIFY LOCAL WATER QUALITY AND SELECT EQUIPMENT ACCORDINGLY**

COMPRESSED AIR EQUIPMENT SCHEDULE

EQUIPMENT MARK:	EQUIPMENT FUNCTION:	OPERATING CONDITIONS:	PERFORMANCE REQUIREMENTS:	MANUFACTURER AND MODEL:	REMARKS:
AC-1	AIR COMPRESSOR	5 HP MOTOR RECIPROCATING COMPRESSOR 208V / 3 PH / 60 HZ	18 CFM AT 100 PSIG,	QUINCY MODEL QT-5 MAX PACKAGE SIMPLEX HORIZONTAL TANK OR APPROVED EQUIVALENT	- RECIPROCATING AIR COMPRESSOR - ELECTRIC AUTO TANK DRAIN - AIR COOLED AFTER-COOLER - LOW OIL SHUTDOWN - MAGNETIC STARTER - AUTO START/STOP - MOTOR OVERLOAD PROTECTION - AUTOMATIC TANK DRAIN - VIBRATION ISOLATION PADS - INCLUDE WITH NOBULL WARRANTY
AD-1	REFRIGERATED AIR DRYER	120V / 1 PH / 60 HZ .19KW	30 SCFM AT 100 PSIG, 1/2" CONNECTION	QUINCY QPNC-30 OR APPROVED EQUIVALENT	- NON CYCLING REFRIGERATED DRYER - TWO STAGE HEAT EXCHANGER SYSTEM - ZERO LOSS ELECTRONIC DRAIN - RUN & ALARM INDICATOR LIGHTS - STOP/START SWITCH WITH LOCK OUT
AF-1	POLISHING COALESCER	N/A	50 SCFM AT 100 PSIG, 1/2" NPT CONNECTION	QUINCY MODEL QCF-50 OR APPROVED EQUIVALENT	- 0.01 MICRON, 0.01 PPM, 8000 HRS - AUTO FLOAT DRAIN - POP UP INDICATOR - REMOVES 99.9% OF BULK LIQUID
AF-2	MICRONIC COALESCER	N/A	50 SCFM AT 100 PSIG, 1/2" NPT CONNECTION	QUINCY MODEL QMF-50 OR APPROVED EQUIVALENT	- 1.0 MICRON, 0.3 PPM, 8000 HRS - AUTO FLOAT DRAIN - POP UP INDICATOR - REMOVES SOLID PARTICLES, WATER, AND OIL AEROSOL - REDUCES CONTAMINATION LEVEL OF AIR TO 0.3 PPM.
FC-1	FLOW CONTROLLER	N/A	1" CONNECTION	QUINCY MODEL PPFC OR APPROVED EQUIVALENT	-PROVIDE LEFT TO RIGHT OR RIGHT TO LEFT TO MEET INSTALLATION NEEDS -NITRITE SEALS -DUAL STAINLESS STEEL GAUGES -TAMPER PROOF DIAL -REFER TO LAB COMPRESSED AIR PIPING SCHEMATIC

SUMP PUMP SCHEDULE

MARK	MANUFACTURER/ MODEL# OR EQUIVALENT	LOCATION	GPM	HEAD (FT.)	DISCHARGE SIZE (IN.)	ELECTR... VOLTS	PH	HP	NOTES
SP-1	ZOELLER OIL GUARD MODEL 940-0013	ELEVATOR PIT	52	20	2"	120	1	1/2	1,2,3,4,5

NOTES:
REMARKS:
1. PROVIDE TOP DISCHARGE PIPING, WITH BACKFLOW VALVE. SEE PLANS FOR ROUTING.
2. PROVIDE WITH POLYETHYLENE BASIN AND STEEL COVER.
3. SUBMERSIBLE PUMP, PRE-PACKAGED 'OIL-GUARD' SYSTEM, CAST IRON CONSTRUCTION W/ POWDER COATED EPOXY FINISH, CAST IRON IMPELLER.
4. OIL GUARD PUMP SWITCH AND PANEL.
5. ELECTRICAL CONNECTION VIA 20' CORD AND PLUG.
6. REFER TO SPEC SECTION 22 14 29

PLUMBING FIXTURE, ACCESSORY, AND CONNECTION SCHEDULE (FOR REFERENCE ONLY, SUBJECT TO CHANGE)

MARK:	FUNCTION:		MANUFACTURER AND MODEL:	WASTE:	VENT:	HW:	CW:
HEWC-1	ELECTRIC WATER COOLER WITH BOTTLE FILLER (HANDICAPPED ACCESSIBLE)	PACKAGE MODEL: COOLER: BOTTLE FILLER: ACCESSORIES: ELECTRICAL: REMARKS:	ELKAY LMABFTL8WSLK OR EQUIVALENT. EZH20 BOTTLE FILLING STATION W/ BI-LEVEL ADA COOLER FILTERED 8 GPH, 50 DEG F DRINKING WATER, FLEXI-GUARD BUBBLER, LIGHT GRAY COLOR HERMETICALLY-SEALED, RECIPROCATING TYPE, SINGLE PHASE COMPRESSOR, FAN COOLED CONDENSER W/ ALUM. FINS & COPPER TUBES, R-134A 18-GAUGE TYPE 300 SS WITH AND ABS PLASTIC, ELECTRONIC SENSOR FOR NO-TOUCH ACTIVATION, 20 SECOND SHUT-OFF TIMER, 1.1 GPM FLOW RATE, VISUAL USER INTERFACE WITH LED FILTER MONITOR AND BOTTLE COUNT IN WALL CARRIER, GRAY GRANITE CANE APRON 1/5 HP COMPRESSOR, 370 WATTS, 5.0 FLA 120V / 1PH / 60 HZ REFER TO SPEC SECTION 22 40 00 FOR ADDITIONAL REQUIREMENTS.	1-1/2"	1-1/2"		1/2"
FPWH-1	WALL HYDRANT (FREEZEPROOF)	HYDRANT:	WOODFORD MODEL 67 OR EQUIVALENT. BRASS VALVE BODY, CHROME, ANTI-SIPHON VACUUM BREAKER, LOOSE KEY OPERATION SEE NOTE PLUMBING SCHEDULE NOTE #3.				3/4"
HL-1	UNDERMOUNT LAVATORY (HANDICAPPED ACCESSIBLE)	LAVATORY: FAUCET: TRAP: DRAIN: SUPPLIES: REMARKS:	KOHLER MODEL K-20000 NO EQUIVALENT, VITREOUS CHINA, RECTANGULAR UNDER-MOUNT W/ OVERFLOW, WHITE COLOR, 1-3/4" DRAIN, 17-3/8"X13"X5-5/16" ZURN X6953-XL NO EQUIVALENT, CHROME PLATED VANDAL RESISTANT, CAST BRASS, SENSOR ACTIVATED, HAND WASHING FAUCET, ADA COMPLIANT, W/ TIME OUT ADJUSTMENT SETTINGS, HARDWIRED, INCLUDE WITH P6000-HW6 POWER CONVERTER, REFER TO ELEC. BELOW DECK MECHANICAL MIXING VALVE (SET TO 105°F), SOLENOID VALVE MOUNTED AS HIGH AS POSSIBLE. MINIMUM 17-GAUGE CHROME PLATED CAST BODY W/ ESCUTCHEON CHROME PLATED GRID DRAIN CHROME-PLATED LOOSE KEYSTOP VALVES WITH LOCK SHIELD CAP AND DEEP ESCUTCHEON PLATES PROVIDE P-TRAP INSULATION AND SUPPLY INSULATION	1-1/2"	1-1/2"	1/2"	1/2"
HL-2	WALL HUNG LAVATORY (HANDICAPPED ACCESSIBLE)	LAVATORY: FAUCET: TRAP: DRAIN: SUPPLIES: REMARKS:	AMERICAN STANDARD LUCERNE WALL HUNG LAVATORY OR APPROVED EQUIVALENT. VITREOUS CHINA, FRONT OVERFLOW, D-SHAPED BOWL, CENTER FAUCET HOLE, OVERALL DIMENSIONS 20-12" X 18-1/4" ZURN X6953-XL NO EQUIVALENT, CHROME PLATED VANDAL RESISTANT, CAST BRASS, SENSOR ACTIVATED, HAND WASHING FAUCET, ADA COMPLIANT, W/ TIME OUT ADJUSTMENT SETTINGS, HARDWIRED, INCLUDE WITH P6000-HW6 POWER CONVERTER, REFER TO ELEC. BELOW DECK MECHANICAL MIXING VALVE (SET TO 105°F), SOLENOID VALVE MOUNTED AS HIGH AS POSSIBLE. MINIMUM 17-GAUGE CHROME PLATED CAST BODY W/ ESCUTCHEON CHROME PLATED GRID DRAIN CHROME-PLATED LOOSE KEYSTOP VALVES WITH LOCK SHIELD CAP AND DEEP ESCUTCHEON PLATES PROVIDE P-TRAP INSULATION AND SUPPLY INSULATION	1-1/2"	1-1/2"	1/2"	1/2"
(H)UR-1	URINAL (HANDICAPPED ACCESSIBLE)	FIXTURE: VALVE: CARRIER:	SLOAN MODEL SU-1009 OR EQUIVALENT ADA COMPLIANT URINAL. WASHDOWN URINAL SHALL BE MADE OF VITREOUS CHINA WITH A 3/4" TOP SPUD. URINAL SHALL HAVE A 2" NPT OUTLET FLANGE. URINAL SHALL INCLUDE A REMOVABLE STRAINER, INLET SPUT AND HANGER. SLOAN 186 ESS-0.25-DBP-HW OR EQUIVALENT; SENSOR ACTIVATED FLUSHOMETER FOR 3/4" TOP SPUD URINAL, HARDWIRED 0.25 GPF FLUSH CYCLE. DIAPHRAGM VALVE. POLISHED CHROME FINISH FLUSH OVERRIDE BUTTON, ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, ADA COMPLIANT FLOOR MOUNTED	2"	1-1/2"		3/4"
(H)WC-1	WATER CLOSET (HANDICAPPED ACCESSIBLE)	FIXTURE: VALVE: SEAT: CARRIER:	SLOAN MODEL ST-2459 OR EQUIVALENT ELONGATED WATER CLOSET MADE OF VITREOUS CHINA WITH A 1-1/2" TOP SPUD. BOWL SHALL BE ADA COMPLIANT. WATER CLOSET SHALL BE WALL HUNG. FLUSH CYCLE SHALL BE 1.28 GPF. SIPHON JET WITH 1-1/2" TOP SPUD, (HWC-1 INSTALLED AT ADA-COMPLIANT HEIGHT, SEE PLANS) SLOAN 111 ESS-1.28-DFB-OR-HW OR EQUIVALENT. EXPOSED, SENSOR-OPERATED FLUSHOMETER FOR WALL-MOUNTED TOP SPUD UNITS. 1.28 GPF, DIAPHRAGM TYPE, W/ VACUUM BREAKER AND FLUSH CONNECTION, IPS SCREWDRIVER BAK-CHEK ANGLE STOP W/ VANDAL RESISTANT CAP, COURTESY OVERRIDE BUTTON, HARDWIRED, ADA COMPLIANT. EXTRA HEAVY DUTY ELONGATED OPEN FRONT SEAT WITH CHECK HINGE, NO LID ON SEAT, WHITE COLOR WALL HUNG - 750 LB LOAD RATED, MINIMUM	4"	2"		1-1/2"
KS-1	COUNTER SINK	SINK: FAUCET: TRAP: DRAIN: SUPPLIES:	ELKAY MODEL LRAD312265 OR EQUIVALENT SINGLE BOWL DROP-IN ADA SINK, 18 GAUGE STAINLESS STEEL, LUSTROUS SATIN FINISH, SINK MOUNTING CLIPS SOLD SEPARATELY 21" X 22" X 6-1/2"OVERALL DIMENSIONS, REAR CENTER DRAIN WITH PERFECT DRAIN 3-3/8" DRAIN SIZE, MOEN MODEL 8769 KITCHEN FAUCET , CHROME PLATED BRASS CONSTRUCTION, WRIST BLADE HANDLES, 1.5 GPM MINIMUM 17-GAUGE CHROME PLATED CAST BODY W/ ESCUTCHEON SS BASKET WASTE WITH PLUG CHROME PLATED LOOSE KEYSTOP VALVES WITH LOCK SHIELD CAP AND DEEP ESCUTCHEON PLATES.	1-1/2"	1-1/2"	1/2"	1/2"
MSB-1	MOP SERVICE BASIN	SINK: FAUCET:	FIAT MODEL MSB-2424 OR EQUIVALENT. MOLDED STONE, 24" X 24" X 10" SIZE. PROVIDE COMBINATION DOME STRAINER WITH LINT BASKET, DRAIN BODY. PROVIDE MOP & HOSE HANGER & STAINLESS STEEL WALL GUARDS. CHICAGO FAUCET MODEL 540-LD897SWXF317CP OR APPROVED EQUIVALENT WALL MOUNTED, 8" FIXED CENTERS, HOT AND COLD WATER SINK FAUCET W/ 5-3/4" RIGID VACUUM BREAKER SPOUT WITH 3/4" MALE HOSE THREAD AND PAIL HOOK, 4' VANDAL PROOF WRISTBLADE HANDLES	3"	2"	1/2"	1/2"
RH-1	ROOF HYDRANT	FIXTURE:	WOODFORD MODEL RHY2-MS OR EQUIVALENT, FREEZELESS ROOF HYDRANT, DOUBLE CHECK BACKFLOW, BUILT IN VENT FOR DRAINAGE, AUTO DRAIN WHEN TURNED OFF 1/8" NPT DRAIN PORT PIPED TO MOP SINK				3/4"
S-1	COUNTER SINK	SINK: FAUCET: TRAP: DRAIN: SUPPLIES:	JUST MANUFACTURING MODEL SLADA2017A60-J OR EQUIVALENT SINGLE BOWL DROP IN SINK, 18 GAUGE STAINLESS STEEL, LUSTROUS SATIN FINISH, SINK MOUNTING CLIPS SOLD SEPARATELY 17" X 20" X 6" OVERALL DIMENSIONS, REAR CENTER DRAIN WITH PERFECT DRAIN 3-1/2" DRAIN SIZE, ELKAY MODEL LK406GN05T4 EXPOSED DECK FAUCET WITH 5" GOOSENECK SPOUT 4", CHROME PLATED BRASS CONSTRUCTION, WRIST BLADE HANDLES, 1.5 GPM MINIMUM 17 GAUGE CHROME PLATED CAST BODY WITH ESCUTCHEON. CHROME PLATED STAMPED BRASS PERFORATED STRAINER GRID. 1-1/2" O.D. X 6" TAILPIECE CHROME PLATED LOOSE KEYSTOP VALVES WITH LOCK SHIELD CAP AND DEEP ESCUTCHEON PLATES.	1-1/2"	1-1/2"	1/2"	1/2"
S-2	COUNTER SINK	SINK: FAUCET: TRAP: DRAIN: SUPPLIES:	ELKAY MODEL ELUHAD131650PD OR EQUIVALENT SINGLE BOWL UNDERMOUNT SINK, 18 GAUGE STAINLESS STEEL, LUSTROUS SATIN FINISH, SINK MOUNTING CLIPS SOLD... SINK MOUNTING CLIPS SOLD SEPARATELY16" X 18 1/2" X 6 3/8" OVERALL DIMENSIONS, REAR CENTER DRAIN WITH PERFECT DRAIN 3-1/2" DRAIN SIZE, ELKAY MODEL LK406GN05T4 EXPOSED DECK FAUCET WITH 5" GOOSENECK SPOUT 4", CHROME PLATED BRASS CONSTRUCTION, WRIST BLADE HANDLES, 1.5 GPM MINIMUM 17 GAUGE CHROME PLATED CAST BODY WITH ESCUTCHEON. CHROME PLATED STAMPED BRASS PERFORATED STRAINER GRID. 1-1/2" O.D. X 6" TAILPIECE CHROME PLATED LOOSE KEYSTOP VALVES WITH LOCK SHIELD CAP AND DEEP ESCUTCHEON PLATES.	1-1/2"	1-1/2"	1/2"	1/2"
S-3	COUNTER SINK	SINK: FAUCET: TRAP: DRAIN: SUPPLIES:	JUST MANUFACTURING MODEL SLADA2225A60-J OR EQUIVALENT SINGLE BOWL DROP IN SINK, 18 GAUGE STAINLESS STEEL, LUSTROUS SATIN FINISH, SINK MOUNTING CLIPS SOLD SEPARATELY 25"X 22" X 6" OVERALL DIMENSIONS, REAR CENTER DRAIN WITH PERFECT DRAIN 3-1/2" DRAIN SIZE, ELKAY MODEL LK406GN05T4 EXPOSED DECK FAUCET WITH 5" GOOSENECK SPOUT 4", CHROME PLATED BRASS CONSTRUCTION, WRIST BLADE HANDLES, 1.5 GPM MINIMUM 17 GAUGE CHROME PLATED CAST BODY WITH ESCUTCHEON. CHROME PLATED STAMPED BRASS PERFORATED STRAINER GRID. 1-1/2" O.D. X 6" TAILPIECE CHROME PLATED LOOSE KEYSTOP VALVES WITH LOCK SHIELD CAP AND DEEP ESCUTCHEON PLATES.	1-1/2"	1-1/2"	1/2"	1/2"
SH-1	SHOWER	SHOWER SYSTEM:	AMERICAN STANDARD MODEL 1662.221 OR APPROVED EQUIVALENT. COMMERCIAL SHOWER SYSTEM, 2.5 GPM WITH HAND SHOWER, VACUUM BREAKER, 36" SLIDE BAR, CAST BRASS BODY VALVE HOT LIMIT SAFETY STOP, ADA COMPLIANT			1/2"	1/2"
TUB-1	MOBILE WHIRLPOOL	FIXTURE:	WHITEHALL MANUFACTURING WHS-110-M 110 GALLON SPORTS SERIES MOBILE WHIRLPOOL DRAIN CONNECTION TURBINE ELECTRICAL REQUIREMENTS: 1/2 HP MOTOR, 115 V / 1 PH / 60 HZ, 6.2 A DRAIN EVACUATION OPTION. CUSTOM COLOR: COORDINATE ENVIRO GLAZE COLOR COATING WITH ARCH.				
WB-1	WALL BOX (COFFEE MAKER)	WALL BOX:	SIOUX CHIEF 696-G1010PF OR EQUIVALENT, ABS COFFEE MAKER OUTLET BOX WITH PROVIDED SINGLE LEVER VALVE AND HAMMER ARRESTERS				1/2"
WB-2	WALL BOX (WASHER)	WALL BOX:	GUY GRAY WB200HA OR EQUIVALENT, GALVANIZED METAL WASHING MACHINE OUTLET BOX WITH PROVIDED SINGLE LEVER VALVE AND HAMMER ARRESTERS	2"		1/2"	1/2"
WHA-1	WATER HAMMER ARRESTER	ARRESTOR:	J.R. SMITH HYDROTOL 5000 SERIES OR EQUIVALENT. STAINLESS STEEL CONSTRUCTION, PRE-CHARGED COMPRESSION CHAMBER, NON-TOXIC HYDRAULIC FLUID, IN-LINE DESIGN WITH THREADED NIPPLE CONNECTION. SIZE AND INSTALL PER THE PLUMBING AND DRAINAGE INSTITUTE (PDI-WH 201)				3/4", 1"

REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR FIXTURE MOUNTING HEIGHTS OR MOUNT AT MANUFACTURERS RECOMMENDED HEIGHTS.

PLUMBING SCHEDULE NOTES:

1) MINIMUM SIZE OF UNDER SLAB WASTE/VENT SHALL BE 2".

2) ALL HANDICAPPED LAVATORIES SHALL BE INSTALLED WITH P-TRAP AND SUPPLY INSULATION. PROVIDE TRUEBRO MODEL 102 OR EQUIVALENT P-TRAP INSULATION. HOT AND COLD WATER VALVES AND SUPPLY SHALL BE INSULATED WITH CLOSED CELL VINYL, 3/16" WALL THICKNESS, K-VALUE OF 1.17.

3) CONTRACTOR SHALL VERIFY ALL WALL THICKNESSES AND SHALL ORDER APPROPRIATE OPERATING ROD ASSEMBLIES AS REQUIRED

PLUMBING PUMPS SCHEDULE

EQUIPMENT MARK:	TYPE:	SERVES:	DESIGN FLOW REQUIREMENTS:	HORSEPOWER (HP):	ELECTRICAL (V / PH / HZ):	ELECTRICAL WATTS / FLA / RPM	MANUFACTURER AND MODEL:	REMARKS:
HWCP-1	HOT WATER CIRCULATING PUMP	DOMESTIC HOT WATER SYSTEM	2.0 GPM AT 12 FT HD	1/6	120 / 1PH / 60 HZ	270 / 2.3 / 3300	BELL & GOSSET ECOCIRC XL N 36-45 OR APPROVED EQUIVALENT	STAINLESS STEEL BODY, PROPELLER AND SHAFT, ELECTRONICALLY COMMUTATED MOTOR, AND CARBON BEARINGS, EPDM GASKETS 1" FLANGE CONNECTIONS

NOTES:
1. REFER TO SPECIFICATION SECTION 22 21 23 FOR ADDITIONAL REQUIREMENTS

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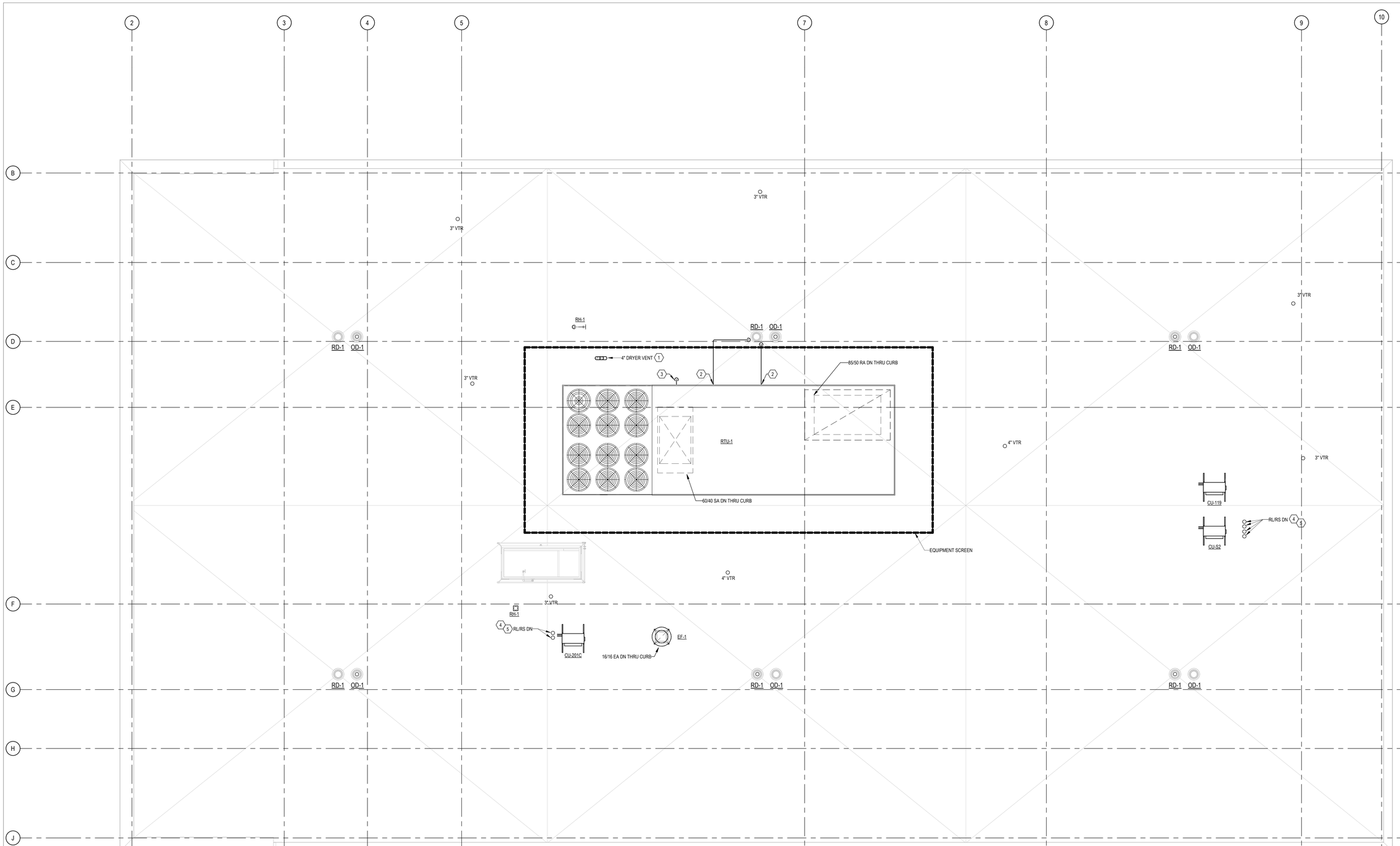
UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS
JAMES R. BECKWITH
REGISTERED PROFESSIONAL ENGINEER
No. 17140
8/31/2026

#	DATE	DESCRIPTION
REVISIONS HISTORY		

ISSUE FOR REVIEW:
ISSUE FOR PRICING:
ISSUE FOR CONSTRUCTION:
DATE: 08/31/2026
TITLE: Plumbing Schedules

P5.01



ROOF HVAC & PLUMBING PLAN

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

GENERAL NOTE:

1. MAINTAIN A MINIMUM HORIZONTAL DISTANCE OF 10'-0" BETWEEN PLUMBING VENTS AND OUTSIDE AIR INTAKES. CONTRACTOR SHALL ADJUST PLUMBING VENT LOCATIONS AS REQUIRED.

PLAN NOTES:

1. PROVIDE ROOFGOOSEVENT RJ4-DRYER FOR DRYER EXHAUST VENT TERMINATION AS SHOWN IN DETAIL 17 ON SHEET M3.01.
2. INSTALL THE P-TRAP AND CONDENSATE PIPING PER RTU-1 MANUFACTURER IOM. ROUTE CONDENSATE PIPING TO ROOF DRAINS AS SHOWN.
3. REFER TO NATURAL GAS PIPING SCHEMATIC ON P3.01 FOR MORE INFORMATION.
4. PROVIDE PREFABRICATED, FACTORY-FLASHED ROOF CURB SIZED TO ACCOMMODATE THE PIPE/INSULATION BUNDLE, INSTALLED AND FLASHED PER ROOF MANUFACTURER'S REQUIREMENTS TO MAINTAIN ROOF WARRANTY.
5. PROVIDE REMOVABLE METAL CAP/COVER ON TOP OF CURB WITH SEALED, WEATHERPROOF PIPE BOOTS OR A SEALED SLEEVE/GLAND FITTING SIZED FOR EACH REFRIGERANT LINE PLUS CONTROL/COMMUNICATION WIRING CONDUIT AS APPLICABLE. CAP SHALL BE PITCHED OR CROWNED TO SHED WATER, WITH NO PONDING

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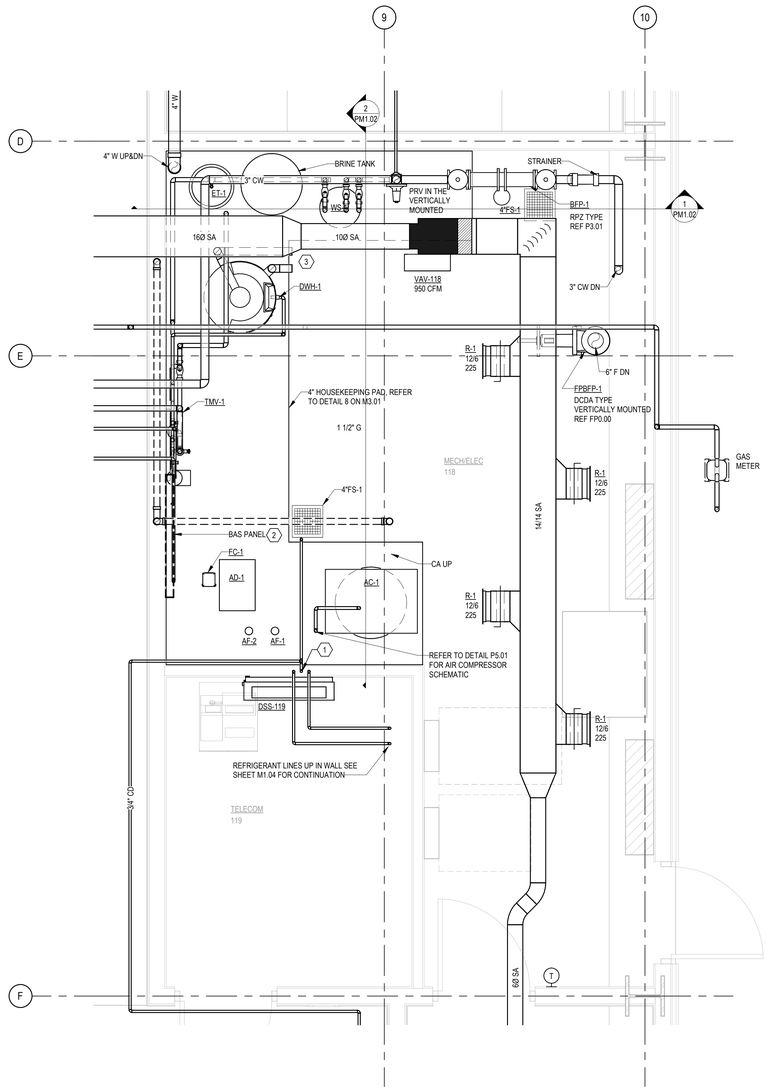
UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 17140
JAMES R. BEECHER
8/31/2026

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PM1.01



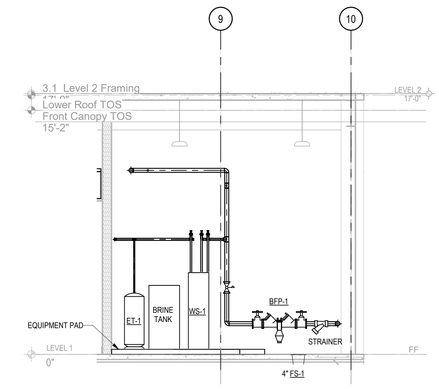
FIRST FLOOR ENLARGED MECHANICAL PLAN

SCALE: 1/2" = 1'-0"

0 1' 2' 4'

PLAN NOTE:

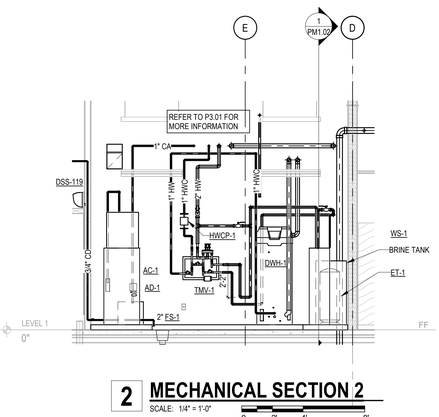
1. ROUTE DSS-119 CONDENSATE PIPING DN IN WALL AND ACROSS THE TOP OF MECHANICAL EQUIPMENT PAD. SUPPORT PIPING PER MANUFACTURER'S REQUIREMENTS TO PREVENT SAGGING. TERMINATE CONDENSATE PIPING AT FS-1 WITH AIR GAP.
2. REFER TO DETAIL 3 ON SHEET M3.01.
3. WATER HEATER INTAKE AND VENT. ROUTE TO EXTERIOR WALL AND TERMINATE PER MANUFACTURER'S INSTRUCTIONS WITH LOW PROFILE KIT. MINIMUM 9'-0" ABOVE GRADE.



1 MECHANICAL SECTION 1

SCALE: 1/4" = 1'-0"

0 2' 4' 8'



2 MECHANICAL SECTION 2

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

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DATE: 08/31/2026

TITLE: Mechanical Room Plan

PM1.02

ELECTRICAL ABBREVIATIONS AND SYMBOLS LEGEND

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISH GRADE
C	SUBSCRIPT 'C' ADJACENT TO ANY DEVICE INDICATES CEILING.
CATV	CABLE TELEVISION
DAS	DISTRIBUTED ANTENNA SYSTEM
(E)	SUBSCRIPT 'E' ADJACENT TO ANY DEVICE INDICATES EXISTING.
EO	ELECTRICALLY OPERATED
EPO	EMERGENCY POWER OFF
(ER)	SUBSCRIPT 'ER' ADJACENT TO ANY DEVICE INDICATES EXISTING TO BE RELOCATED.
EWC	ELECTRIC WATER COOLER
F	SUBSCRIPT 'F' ADJACENT TO ANY DEVICE INDICATES FLOOR.
GFI	GROUND FAULT INTERRUPTER
H	SUBSCRIPT 'H' DENOTES HOSPITAL GRADE
HM	HORIZONTALLY MOUNTED DEVICE
HOA	HAND-OFF-AUTO
LTG	LIGHTING
MECH	MECHANICAL
NF	NON-FUSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
OHE	OVERHEAD ELECTRICAL
OHT	OVERHEAD TELECOMMUNICATIONS
PL	PLUG LOAD
PVC	POLYVINYL CHLORIDE
RCPT	RECEPTACLE
(R)	SUBSCRIPT 'R' ADJACENT TO ANY DEVICE INDICATES THE RELOCATED POSITION OF AN EXISTING DEVICE.
RGS	RIGID GALVANIZED STEEL
(S)	SUBSCRIPT 'S' ADJACENT TO ANY DEVICE INDICATES THE DEVICE IS TO BE SURFACE MOUNTED.
TR	TAMPER RESISTANT
UGE	UNDERGROUND ELECTRICAL
USB	UNIVERSAL SERIAL BUS
HVE	UNDERGROUND MEDIUM OR HIGH VOLTAGE ELECTRICAL
UGT	UNDERGROUND TELECOMMUNICATIONS
WAP	WIRELESS ACCESS POINT
WG	WIRE GUARD
WP	WEATHERPROOF
X	EXPLOSION PROOF
	CROSS-HATCHING AND/OR DASHED INDICATES REMOVAL

LIGHTING

	POLE MOUNTED EXTERIOR LIGHT FIXTURE. LETTER/NUMBER INDICATES FIXTURE AND POLE TYPE.
	LINEAR RECESSED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE.
	LINEAR RECESSED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE.
	2' X 4' RECESSED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE.
	2' X 4' RECESSED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE.
	1' X 4' RECESSED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE
	1' X 4' RECESSED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE.
	2' X 2' RECESSED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE.
	2' X 2' RECESSED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE.
	2' X 4' SURFACE OR PENDANT MOUNTED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	2' X 4' SURFACE OR PENDANT MOUNTED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	SURFACE OR PENDANT MOUNTED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	SURFACE OR PENDANT MOUNTED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	2' X 2' SURFACE OR PENDANT MOUNTED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	2' X 2' SURFACE OR PENDANT MOUNTED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	WALL MOUNTED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	WALL MOUNTED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	STRIP FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	STRIP FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	RECESSED, SURFACE OR PENDANT MOUNTED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR MOUNTING DETAILS AND MOUNTING HEIGHT.
	RECESSED, SURFACE OR PENDANT MOUNTED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR MOUNTING DETAILS AND HEIGHT.
	WALL MOUNTED FIXTURE. LETTER/NUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR MOUNTING HEIGHT.
	BATTERY POWERED EMERGENCY LIGHT FIXTURE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
	WALL MOUNTED EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS. REFER TO DRAWINGS FOR MOUNTING HEIGHT. (DARKENED PORTION OF FIXTURE INDICATES ILLUMINATED FACES.)
	CEILING MOUNTED EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS. (DARKENED PORTION OF FIXTURE INDICATES ILLUMINATED FACES.)

ELECTRICAL DISTRIBUTION

S	LINE VOLTAGE SINGLE POLE SWITCH
S_2	LINE VOLTAGE TWO POLE SWITCH
S_3	LINE VOLTAGE THREE WAY SWITCH
S_4	LINE VOLTAGE FOUR WAY SWITCH
S_P	LINE VOLTAGE SINGLE POLE SWITCH WITH PILOT LIGHT
S_D	LINE VOLTAGE DIMMER SWITCH
S_{MC}	LINE VOLTAGE MOMENTARY CONTACT SWITCH
S_{TE}	LINE VOLTAGE THERMAL ELEMENT SWITCH
S_K	LINE VOLTAGE KEYED SWITCH
S_O	LINE VOLTAGE OCCUPANCY SENSING SWITCH
S_T	LINE VOLTAGE DIGITAL TIMER SWITCH
S_{3T}	LINE VOLTAGE 3-WAY DIGITAL TIMER SWITCH
S_X	LINE VOLTAGE SPST EXPLOSION PROOF SWITCH
S_2X	LINE VOLTAGE DPST EXPLOSION PROOF SWITCH
	REFERENCE LIGHTING SHEETS AND ELECTRICAL DETAILS FOR ADDITIONAL LIGHTING CONTROL SYSTEM SYMBOLS AND INFORMATION.
	20A, 125V DOUBLE DUPLEX CONVENIENCE OUTLET (NEMA 5 - 20R)
	20A, 125V DUPLEX CONVENIENCE OUTLET (NEMA 5 - 20R)
USB	20A, 125V DOUBLE DUPLEX CONVENIENCE OUTLET (NEMA 5 - 20R) WITH USB CHARGING PORTS.
USB	20A, 125V DUPLEX CONVENIENCE OUTLET (NEMA 5 - 20R) WITH USB CHARGING PORTS.
	20A, 125V SIMPLEX OUTLET (NEMA 5 - 20R)
	20A, 125V RED DUPLEX CONVENIENCE OUTLET ON EMERGENCY SYSTEM (NEMA 5 - 20R)
	20A, 125V DUPLEX CONVENIENCE OUTLET - CEILING AND FLOOR MOUNTED (NEMA 5 - 20R)
	SPECIAL PURPOSE OUTLET, TYPE AS NOTED ON DRAWINGS.
F_1	FLOOR BOX. ADJACENT NUMBER INDICATES FLOOR BOX TYPE. REFER TO THE FLOOR BOX SCHEDULE AND TELECOMMUNICATIONS SHEETS FOR ADDITIONAL INFORMATION.
	SURFACE MOUNTED RACEWAY. TYPE AND NUMBER OF DEVICES AS INDICATED, REFER TO SPECIFICATION AND DETAIL.
	SURFACE MOUNTED RACEWAY. (RED OUTLETS ON STANDBY SYSTEM). TYPE AND NUMBER OF DEVICES AS INDICATED, REFER TO SPECIFICATION AND DETAIL.
	PIGTAIL DENOTES CONNECTION TO EQUIPMENT
C F	JUNCTION BOX - CEILING, FLOOR, AND WALL MOUNTING. WALL MOUNTED DEVICES SHALL BE FLUSH MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED.
	TELECOMMUNICATIONS OUTLET BOX SHOWN FOR REFERENCE ONLY. REFER TO THE TELECOMMUNICATIONS SHEETS FOR ROUGH-IN AND ADDITIONAL INFORMATION.
	BRANCH CIRCUIT HOMERUN TO PANEL. NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. NUMBER OF TICK MARKS INDICATES NUMBER OF WIRES (#12AWG, MINIMUM, UNLESS OTHERWISE NOTED). IF NO TICK MARKS ARE SHOWN, ASSUME 3-#12 AWG IN 3/4" CONDUIT.
	CONDUIT AND WIRE CONCEALED. NUMBER OF TICK MARKS INDICATES NUMBER OF WIRES (#12AWG MINIMUM, UNLESS OTHERWISE NOTED) IF NO TICK MARKS ARE SHOWN, ASSUME 3-#12 AWG IN 3/4" CONDUIT.
	PARTIAL CIRCUIT
	CONDUIT RISER UP
	CONDUIT RISER DOWN
	INDICATES BUSH AND CAP
	CONDUIT SEAL FITTING FOR HAZARDOUS AREAS
	CONDUIT STUBBED UP 6" AFF AND CAPPED

ELECTRICAL DISTRIBUTION EQUIPMENT

	LIGHTING AND APPLIANCE PANEL
	(LIGHTING) RELAY PANEL
	MOTOR CONTROL CENTER OR SWITCHBOARD
	POWER PANEL (DISTRIBUTION)
T	TRANSFORMER
	CIRCUIT BREAKER
	FUSIBLE SWITCH
	AUTOMATIC TRANSFER SWITCH
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER
	GROUND
AFM	ARC FLASH MAINTENANCE ENERGY REDUCTION SWITCH
GFP	GROUND FAULT PROTECTION
SPD	SURGE PROTECTION DEVICE
	DRAWOUT TYPE CIRCUIT BREAKER
K	KIRK-KEY INTERLOCK
G	ENGINE GENERATOR
RGA	REMOTE GENERATOR ANNUNCIATOR
M	METER
PNLB	PANELBOARD TAG. SEE THE CORRESPONDING PANELBOARD SCHEDULE AND/OR ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION.

MOTOR CONTROL & MOTOR CONTROL EQUIPMENT

M	MOTOR - HORSEPOWER AS INDICATED ON DRAWINGS
	NON-FUSED DISCONNECT SWITCH, ASSUME 30A/3P UNLESS OTHERWISE NOTED.
	FUSED DISCONNECT SWITCH. ASSUME 30A/3P UNLESS OTHERWISE NOTED. FUSE SIZE AS NOTED ON DRAWINGS.
	COMBINATION FVNR MAGNETIC MOTOR STARTER WITH HOA SELECTOR SWITCH AND NON-FUSED DISCONNECT SWITCH, ASSUME NEMA SIZE 1 STARTER AND 30A/3P SWITCH UNLESS OTHERWISE NOTED.
	COMBINATION FVNR MAGNETIC MOTOR STARTER WITH HOA SELECTOR SWITCH AND FUSED DISCONNECT SWITCH, ASSUME NEMA SIZE 1 STARTER AND 30A/3P SWITCH UNLESS OTHERWISE NOTED. FUSE SIZE AS NOTED ON DRAWINGS.
	MECHANICAL EQUIPMENT STARTER/DISCONNECT PROVIDED BY OTHERS, INSTALLED AND CONNECTED BY THE ELECTRICAL CONTRACTOR. FULLY COORDINATE ALL INSTALLATION AND CONNECTION DETAILS WITH THE MECHANICAL CONTRACTOR.
	FVNR MAGNETIC MOTOR STARTER WITH HOA SELECTOR SWITCH, ASSUME NEMA SIZE 1 STARTER UNLESS OTHERWISE NOTED.
	START/STOP PUSH BUTTON
	3 POSITION PUSH BUTTON
	PUSH BUTTON
VFD	VARIABLE FREQUENCY DRIVE PROVIDED BY THE MECHANICAL CONTRACTOR. INSTALLED AND CONNECTED BY THE ELECTRICAL CONTRACTOR. FULLY COORDINATE ALL INSTALLATION AND CONNECTION DETAILS WITH THE MECHANICAL CONTRACTOR.

PROJECT GENERAL ELECTRICAL NOTES

GENERAL LIGHTING NOTES:

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED DEVICES.
2. COORDINATE THE INSTALLATION OF LIGHTING FIXTURES WITH ALL OTHER TRADES.
3. COORDINATE THE INSTALLATION OF ALL RECESSED LIGHTING FIXTURES WITH ACTUAL CEILING TYPES. REFER TO ARCHITECTURAL FINISH SCHEDULES FOR ADDITIONAL DETAILS.
4. SUPPORT ALL RECESSED AND PENDANT MOUNTED FIXTURES FROM STRUCTURE IN ACCORDANCE WITH APPLICABLE BUILDING CODE REQUIREMENTS. SUSPENDED CEILING MOUNTING SYSTEMS SHALL NOT BE USED TO SUPPORT FIXTURES OR RACEWAYS.
5. ROUTE ALL WIRE AND CONDUIT CONCEALED UNLESS OTHERWISE NOTED. PATCH ALL EXISTING SURFACES AFTER WIRE AND CONDUIT INSTALLATION, AS REQUIRED. REFER TO THE SPECIFICATION FOR CUTTING AND PATCHING REQUIREMENTS. ALL COSTS ASSOCIATED WITH ABOVE REQUIREMENTS MUST BE INCLUDED IN THE PROJECT BID.
6. UNLESS OTHERWISE NOTED, ELECTRICAL DEVICES ARE TO BE FLUSH MOUNTED AND ALL WIRE AND CONDUIT IS TO BE ROUTED CONCEALED. FULLY COORDINATE INSTALLATION WITH EXISTING CONDITIONS, AND INCLUDE PATCHING AND REFINISHING OF EXISTING SURFACES TO ACCOMMODATE THIS REQUIREMENT.
7. A DEDICATED NEUTRAL CONDUCTOR IS REQUIRED FOR ALL DIMMABLE CIRCUITS.
8. BOX AROUND RECESSED LIGHTING FIXTURES AS REQUIRED SO THAT ALL CODE REQUIRED CLEARANCES BETWEEN COMBUSTIBLE MATERIALS, THERMAL INSULATION, ETC AND LIGHTING FIXTURES ARE MAINTAINED. FULLY COORDINATE ALL REQUIREMENTS WITH THE GENERAL CONTRACTOR.
9. PROVIDE ENCLOSURES OVER RECESSED LIGHTING FIXTURES INSTALLED IN RATED CEILINGS SO ALL CODE REQUIRED RATINGS ARE MAINTAINED. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND RATINGS. FULLY COORDINATE ALL REQUIREMENTS WITH THE GENERAL CONTRACTOR.
10. SEAL AROUND ALL CONDUIT AND CABLE PENETRATIONS THROUGH WALLS, CEILINGS, AND FLOORS TO MAINTAIN CODE REQUIRED RATINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
11. REFER TO THE LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.

GENERAL POWER NOTES:

1. FULLY COORDINATE THE INSTALLATION OF ALL ELECTRICAL DEVICES WITH THE WORK OF OTHER TRADES.
2. UNLESS OTHERWISE NOTED, ELECTRICAL DEVICES ARE TO BE FLUSH MOUNTED AND ALL WIRE AND CONDUIT IS TO BE ROUTED CONCEALED. FULLY COORDINATE INSTALLATION WITH EXISTING CONDITIONS, AND INCLUDE PATCHING AND REFINISHING OF EXISTING SURFACES TO ACCOMMODATE THIS REQUIREMENT.
3. FULLY COORDINATE THE LOCATION OF ALL HVAC EQUIPMENT WITH THE MECHANICAL AND CONTROLS CONTRACTORS. PROVIDE ALL DEVICES (I.E. STARTERS, SWITCHES, CONTACTS, ETC.) REQUIRED TO ENSURE SATISFACTORY OPERATION OF ALL SYSTEMS AND EQUIPMENT. (CONTROL WIRING TO BE PROVIDED BY MECHANICAL CONTRACTOR.) COORDINATE DEVICE REQUIREMENTS WITH ACTUAL EQUIPMENT.
4. FOR ALL HVAC CONTROL DEVICES PROVIDED BY THE ELECTRICAL CONTRACTOR. PROVIDE ALL NECESSARY AUXILIARY COMPONENTS AND CONTACTS TO ENSURE PROPER SYSTEM CONTROL FUNCTIONS. FULLY COORDINATE ALL REQUIREMENTS WITH THE MECHANICAL AND CONTROLS CONTRACTORS.
5. SEAL AROUND ALL CONDUIT AND CABLE PENETRATIONS THROUGH WALLS, CEILINGS AND FLOORS TO MAINTAIN CODE REQUIRED RATINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. FOR ALL PANELBOARDS INDICATED TO BE RECESSED MOUNTED ROUTE (8)-1" CONDUITS FROM PANELBOARD AND STUB ABOVE NEAREST ACCESSIBLE CEILING FOR FUTURE USE.
7. UNLESS OTHERWISE INDICATED PROVIDE DEDICATED NEUTRAL CONDUCTORS FOR ALL BRANCH CIRCUITS. NEUTRAL CONDUCTORS SHALL NOT BE SHARED BETWEEN CIRCUITS. WHERE THE DRAWINGS INDICATE SHARED NEUTRAL CONDUCTORS FOR A MULTIWIRE BRANCH CIRCUIT, GROUP BREAKERS TOGETHER IN ACCORDANCE WITH CODE.

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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRYSON DAVID DAVIS — 8-31-24

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		

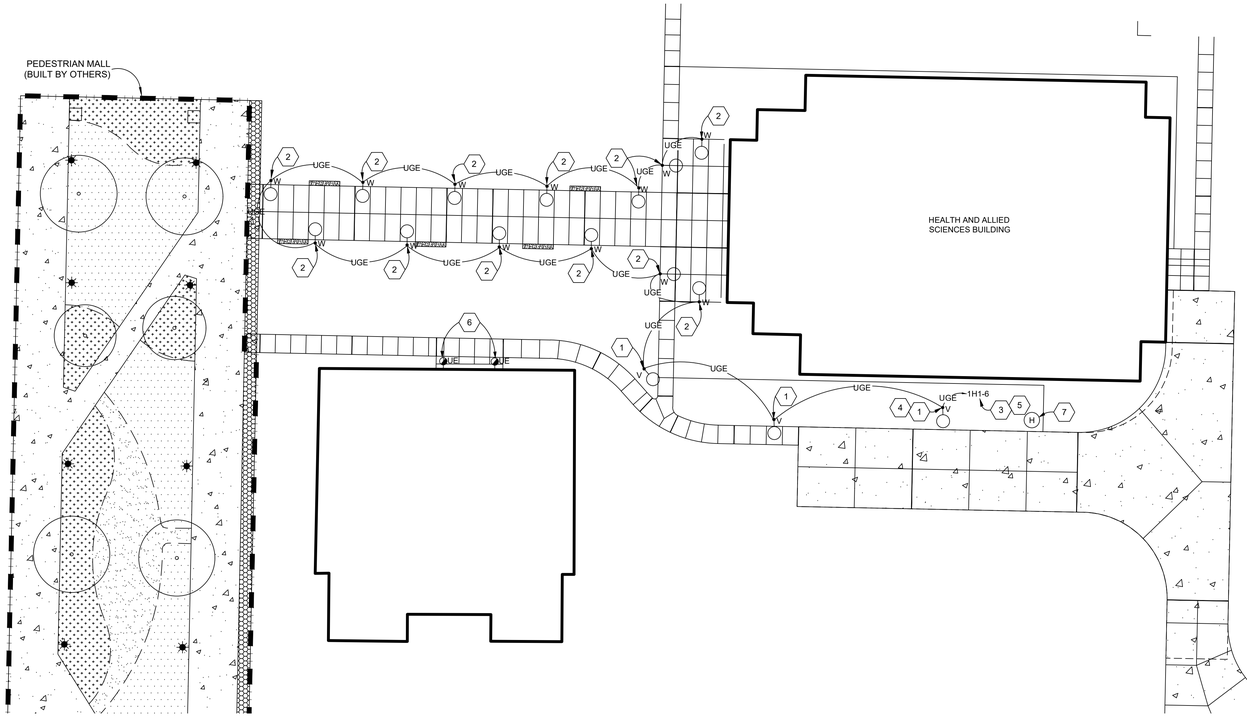
DATE: 08/31/2026

TITLE: Electrical Abbreviations, Symbols Legend & General Notes

E0.00

ALL ELECTRICAL AND TELECOMMUNICATIONS SERVICE ENTRANCE/UTILITY WORK WAS SHOWN IN THE PREVIOUSLY RELEASED EARLY SITE PACKAGE.

ELECTRICAL SITE LIGHTING PLAN NOTES	
KEY NOTE	DESCRIPTION
1	NEW POLE MOUNTED LIGHT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE AND PEDESTRIAN FIXTURE BASE DETAIL FOR ADDITIONAL INFORMATION.
2	NEW BOLLARD LIGHT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE AND BOLLARD BASE DETAIL FOR ADDITIONAL INFORMATION.
3	ROUTE #10'S THROUGHOUT ENTIRE CIRCUIT.
4	LOCATE POLE LIGHT MINIMUM OF 5'-0" AWAY FROM DRIVEWAY.
5	ROUTE CIRCUIT VIA LIGHTING CONTACTOR 'C1'. SEE THE EXTERIOR LIGHTING CONTROL DIAGRAM DETAIL FOR ADDITIONAL INFORMATION.
6	NEW WALL MOUNTED LIGHT FIXTURE TO REPLACE EXISTING WALL PACKS ON WALKER RESEARCH BUILDING. SEE LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. REUSE EXISTING CIRCUITING. CIRCUIT FIXTURE TO TO AN 'UNSWITCHED HOT' CONDUCTOR OF CIRCUIT INDICATED. SHALL BE CAPABLE OF BEING SWITCHED ALONG WITH ALL OTHER AREA LIGHTING. IN A POWER LOSS SITUATION, NOT A SWITCH EVENT, THE FIXTURE SHALL BE FULLY ILLUMINATED VIA INTEGRAL BATTERY.
7	DENOTES LIGHTING CONTROL SCENARIO. SEE LIGHTING CONTROL SCHEDULE FOR ADDITIONAL INFORMATION.



ELECTRICAL SITE LIGTHING PLAN

SCALE: 1"=20'-0"

0 10' 20' 40'

CONTRACTOR SHALL IDENTIFY, SUPPORT, AND PROTECT ALL EXISTING UTILITIES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL SYSTEM OUTAGES SHALL BE FULLY COORDINATED WITH THE OWNER'S REPRESENTATIVE/LOCAL UTILITY.

COORDINATE ALL ELECTRIC UTILITY SCOPE OF WORK WITH OWNER'S REPRESENTATIVE AND THE ELECTRIC UTILITY COMPANY (ENTERGY) BEFORE PERFORMING ANY WORK.

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0 1"

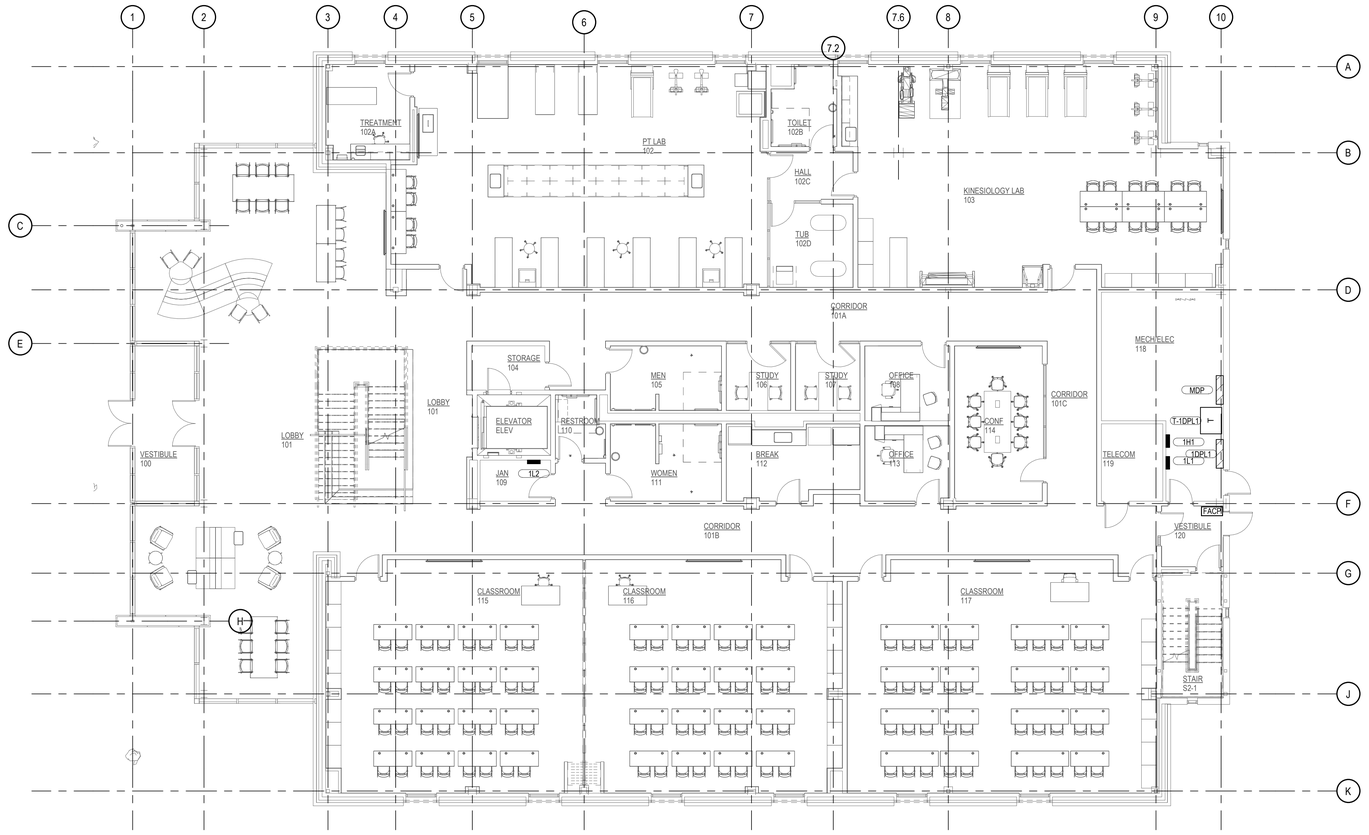
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8-31-24

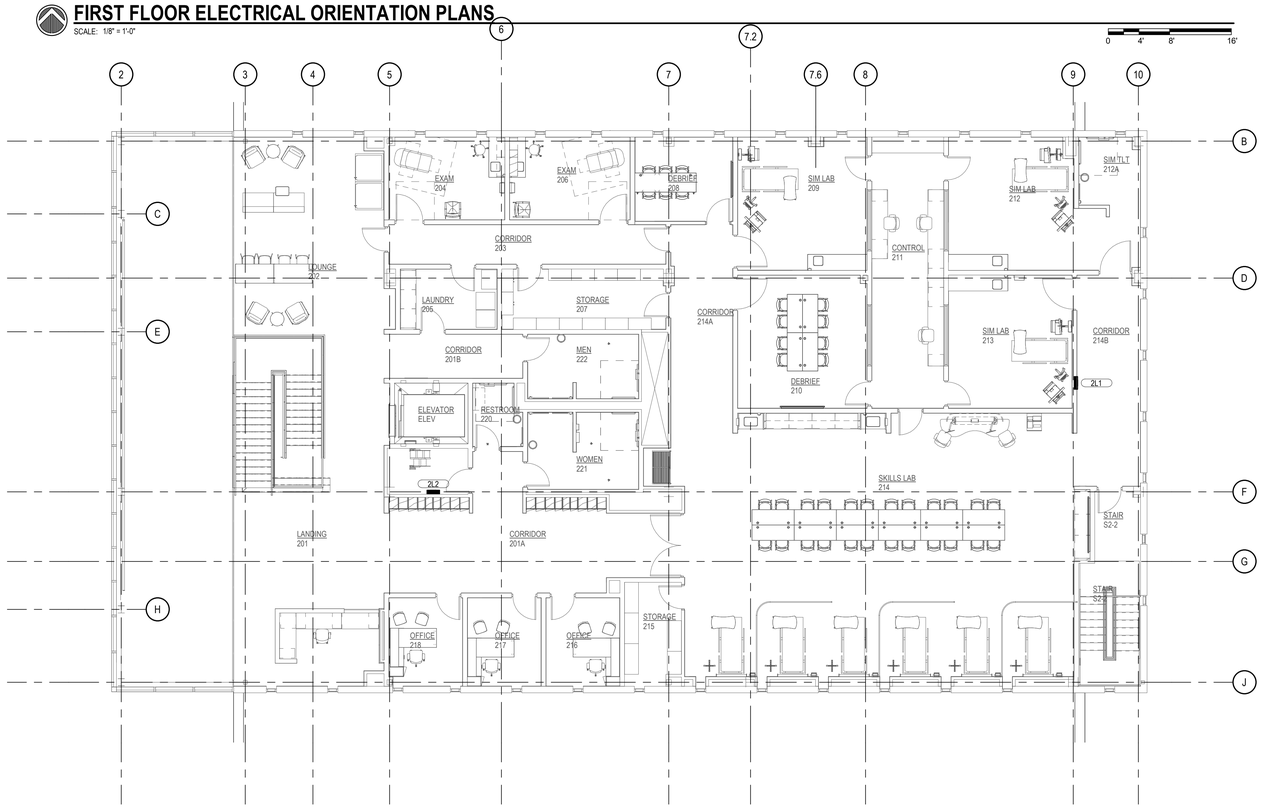
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ISSUE FOR REVIEW:		
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ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		Electrical Site Lighting Plan

E0.01



FIRST FLOOR ELECTRICAL ORIENTATION PLANS

SCALE: 1/8" = 1'-0"



SECOND FLOOR ELECTRICAL ORIENTATION PLANS

SCALE: 1/8" = 1'-0"

ORIENTATION PLAN NOTES	
KEY NOTE	DESCRIPTION

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BRENDON DAVID ADAMS
8-31-26

#	DATE	DESCRIPTION
	08/27/2026	ASI-2

REVISIONS HISTORY

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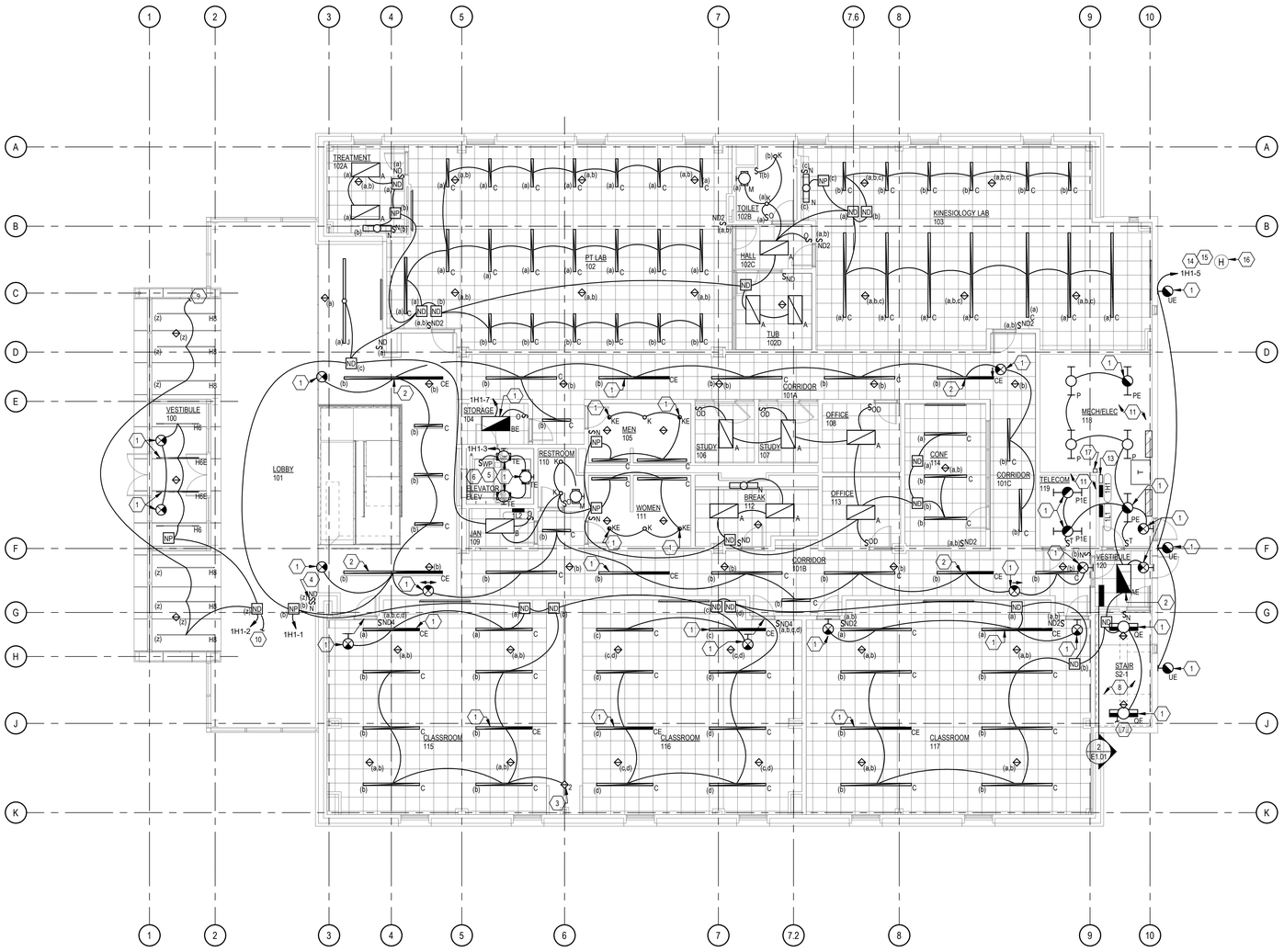
ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Electrical Orientation Plans

E0.11

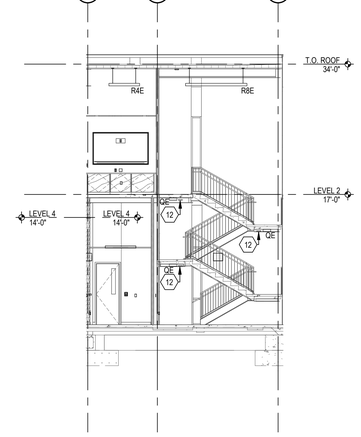
FIRST FLOOR LIGHTING PLAN NOTES	
KEY NOTE	DESCRIPTION
1	CIRCUIT FIXTURE TO AN 'UNSWITCHED HOT' CONDUCTOR OF CIRCUIT INDICATED. NON-EXIT SIGN FIXTURES SHALL BE CAPABLE OF BEING SWITCHED ALONG WITH ALL OTHER AREA LIGHTING. IN A POWER LOSS SITUATION, NOT A SWITCH EVENT, THE FIXTURE SHALL BE FULLY ILLUMINATED VIA INTEGRAL BATTERY.
2	CIRCUIT FIXTURE TO AN 'UNSWITCHED HOT' CONDUCTOR OF CIRCUIT INDICATED. FIXTURE IS TO FUNCTION AS A 24 HOUR 'NIGHT LIGHT'. INTEGRAL EMERGENCY BATTERY DRIVER SHALL ENERGIZE FIXTURE ONLY IN A POWER LOSS SITUATION.
3	OPERABLE PARTITION SENSOR. IF THE OPERABLE PARTITION SENSOR DETECTS THE PARTITION IS OPEN, ALL WALL SWITCHES AT ALL DOORS SHALL BECOME LIVE, OPERATING ALL LIGHTING ZONES IN CLASSROOM 115/116. IF THE PARTITION IS CLOSED, THE WALL SWITCHES SHALL REVERT TO LOCAL CONTROL, OPERATING ONLY THE ZONES IN THEIR RESPECTIVE SECTION, AND ALL SWITCHES CONTROLLING THE ADJACENT SECTION SHALL BE AUTOMATICALLY LOCKED OUT.
4	DIMMER SWITCH TO CONTROL ALL FIXTURES TAGGED AS ZONE 'z' IN LOBBY SHOWN ON FIRST AND SECOND FLOOR LIGHTING PLANS.
5	COORDINATE EXACT FIXTURE LOCATIONS WITH ELEVATOR SUPPLIER/INSTALLER. MOUNT WEATHERPROOF TOGGLE SWITCH ADJACENT TO PIT LADDER. LIGHT SWITCH SHALL BE LOCATED SO AS TO BE READILY ACCESSIBLE FROM THE PIT ACCESS DOOR.
6	ALL ELECTRICAL DEVICES MOUNTED AT OR BELOW 48" ABOVE THE ELEVATOR PIT FLOOR SHALL BE NEMA 4 RATED. ALL ELECTRICAL RACEWAYS INSTALLED AT OR BELOW 48" ABOVE THE ELEVATOR PIT FLOOR SHALL BE RIGID GALVANIZED STEEL.
7	CIRCUIT CONTINUES IN STAIRWELL ON SECOND FLOOR LIGHTING PLAN ON SHEET E1.02.
8	ALL FIXTURES IN STAIRWELL ARE TO BE CIRCUITED TO 1H1-1. FIXTURES STACKED IN PLAN VIEW CAN BE SEEN ON VIEW #2 ON SHEET E1.01.
9	CIRCUIT CONTINUES TO LOBBY ON SECOND FLOOR LIGHTING PLAN ON SHEET E1.02.
10	CIRCUIT CONTINUES TO POWER INVERTER LOCATED IN LOBBY ON SECOND FLOOR LIGHTING PLAN ON SHEET E1.02.
11	COORDINATE LIGHTING IN THIS ROOM WITH ALL SYSTEMS, ENSURING AISLE-WAYS ARE PROPERLY ILLUMINATED.
12	COORDINATE MOUNTING OF OCCUPANCY SENSOR WITH ARCHITECT AND ENGINEER PRIOR TO INSTALLATION FOR UNOBSTRUCTED VIEW. MOUNT SO BOTTOM OF SENSOR IS FLUSH WITH ADJACENT LIGHT FIXTURE.
13	PROVIDE 277V POWER TO LIGHTING CONTACTOR C-1. SEE THE EXTERIOR LIGHTING CONTROL DIAGRAM DETAIL FOR ADDITIONAL INFORMATION.
14	ROUTE CIRCUIT VIA LIGHTING CONTACTOR 'C1'. SEE THE EXTERIOR LIGHTING CONTROL DIAGRAM DETAIL FOR ADDITIONAL INFORMATION.
15	ROUTE #10'S THROUGHOUT ENTIRE CIRCUIT.
16	DENOTES LIGHTING CONTROL SCENARIO. SEE LIGHTING CONTROL PLAN FOR ADDITIONAL INFORMATION.
17	TIMECLOCK "T". SEE EXTERIOR LIGHTING CONTROL DIAGRAM DETAIL FOR ADDITIONAL INFORMATION.



FIRST FLOOR LIGHTING PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'



2 STAIRWELL

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

TICK MARKS HAVE INTENTIONALLY NOT BEEN INCLUDED ON THE LIGHTING PLANS. THIS OMISSION IS TO MAINTAIN CLARITY AND READABILITY, ENSURING THAT THE FOCUS REMAINS ON THE ACCURATE PLACEMENT AND SPECIFICATION OF LIGHTING FIXTURES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROPER NUMBER OF SWITCHED HOT CONDUCTORS, UNSWITCHED HOT CONDUCTORS, NEUTRAL CONDUCTORS, AND GROUND CONDUCTORS TO EACH DEVICE TO ENSURE PROPER FUNCTION. ALL FIXTURE TYPES, QUANTITIES, AND LOCATIONS ARE INDICATED WITHIN THE PLAN. WHERE DIMMING IS INDICATED, CONTRACTOR SHALL PROVIDE NECESSARY 0-10 VOLT DIMMING CONDUCTORS COLORED PER CODE.

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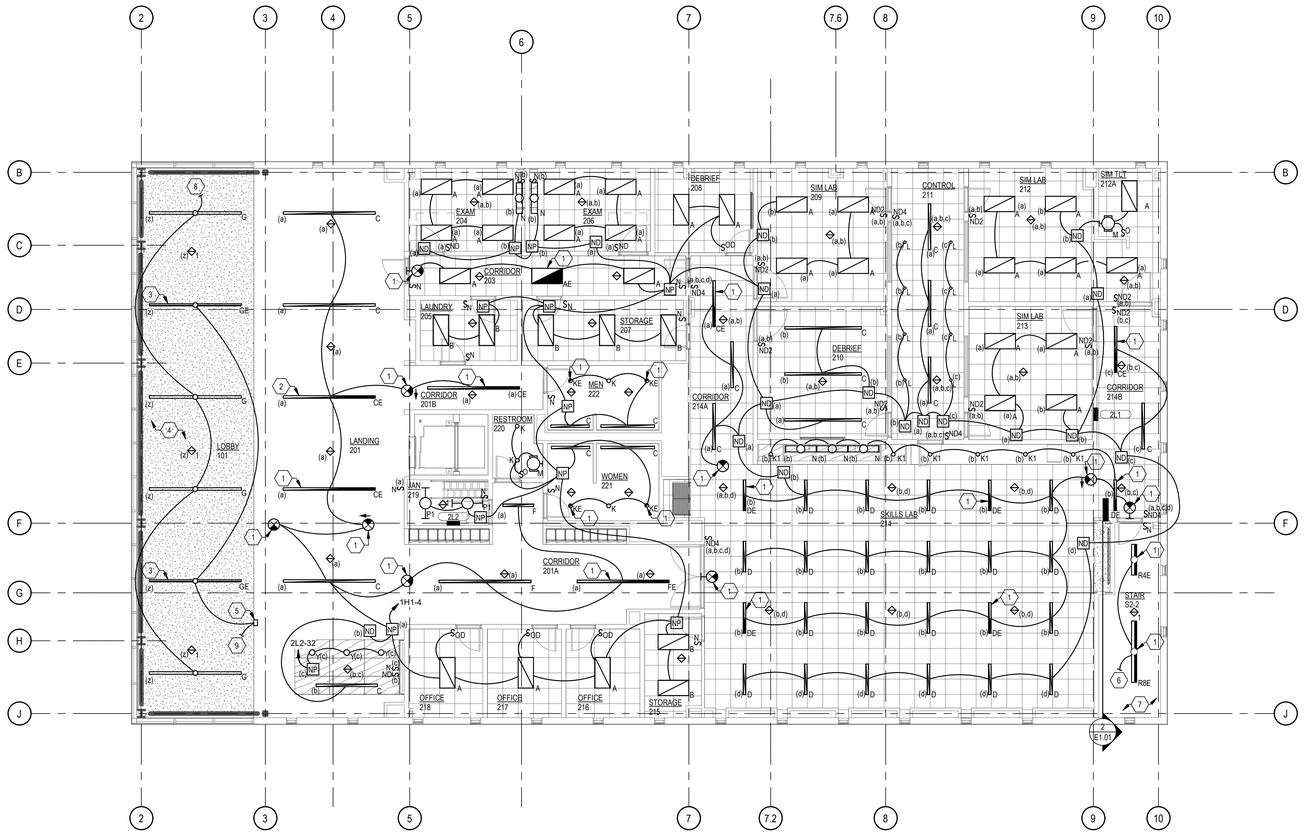
UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — PRESTON DAVID ADAMS — 8-31-24

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		First Floor & Stairwell Lighting Plans

E1.01

SECOND FLOOR LIGHTING PLAN NOTES	
KEY NOTE	DESCRIPTION
1	CIRCUIT FIXTURE TO AN 'UNSWITCHED HOT' CONDUCTOR OF CIRCUIT INDICATED. NON-EXIT SIGN FIXTURES SHALL BE CAPABLE OF BEING SWITCHED ALONG WITH ALL OTHER AREA LIGHTING. IN A POWER LOSS SITUATION, NOT A SWITCH EVEN, THE FIXTURE SHALL BE FULLY ILLUMINATED VIA I
2	CIRCUIT FIXTURE TO AN 'UNSWITCHED HOT' CONDUCTOR OF CIRCUIT INDICATED. FIXTURE IS TO FUNCTION AS A 24 HOUR 'NIGHT LIGHT'. INTEGRAL EMERGENCY BATTERY DRIVER SHALL ENERGIZE FIXTURE ONLY IN A POWER LOSS SITUATION.
3	CIRCUIT FIXTURE THROUGH POWER INVERTER SO THAT FIXTURE SHALL BE CAPABLE OF BEING SWITCHED ALONG WITH ALL OTHER AREA LIGHTING. IN A POWER LOSS SITUATION, NOT A SWITCH EVENT, THE FIXTURE SHALL BE FULLY ILLUMINATED VIA ASSOCIATED LIGHTING INVERTER.
4	LOBBY PENDANT FIXTURES TAGGED AS ZONE 'z' SHALL BE CONTROLLED BY MATCHING ZONE 'z' DIMMER SWITCH SHOWN ON FIRST FLOOR LIGHTING PLAN ON SHEET E1.01.
5	POWER INVERTER (PHILIPS BODINE #ELI-S400 OR ENGINEER APPROVED EQUAL)
6	CIRCUIT CONTINUES IN STAIRWELL ON FIRST FLOOR LIGHTING PLAN ON SHEET E1.01.
7	ALL FIXTURES IN STAIRWELL ARE TO BE CIRCUITED TO 1H1-1. FIXTURES STACKED IN PLAN VIEW CAN BE SEEN ON VIEW #2 ON SHEET E1.01.
8	CIRCUIT CONTINUES TO LOBBY ON FIRST FLOOR LIGHTING PLAN ON SHEET E1.01.
9	CIRCUIT CONTINUES TO DIMMING POWER PACK, LABELED CONTROL ZONE 'z', LOCATED IN LOBBY ON FIRST FLOOR LIGHTING PLAN ON SHEET E1.01.



SECOND FLOOR LIGHTING PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

TICK MARKS HAVE INTENTIONALLY NOT BEEN INCLUDED ON THE LIGHTING PLANS. THIS OMISSION IS TO MAINTAIN CLARITY AND READABILITY, ENSURING THAT THE FOCUS REMAINS ON THE ACCURATE PLACEMENT AND SPECIFICATION OF LIGHTING FIXTURES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROPER NUMBER OF SWITCHED HOT CONDUCTORS, UNSWITCHED HOT CONDUCTORS, NEUTRAL CONDUCTORS, AND GROUND CONDUCTORS TO EACH DEVICE TO ENSURE PROPER FUNCTION. ALL FIXTURE TYPES, QUANTITIES, AND LOCATIONS ARE INDICATED WITHIN THE PLAN. WHERE DIMMING IS INDICATED, CONTRACTOR SHALL PROVIDE NECESSARY 0-10 VOLT DIMMING CONDUCTORS COLORED PER CODE.

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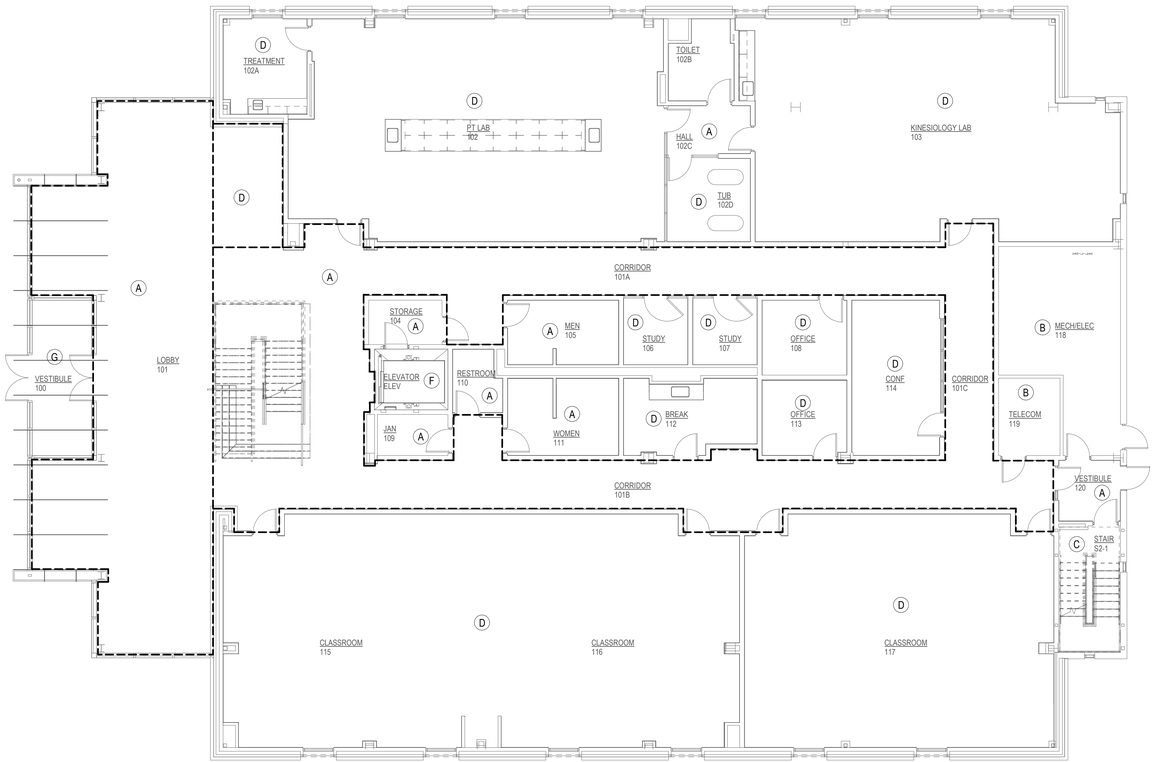
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STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 18928 BRADLEY DAVID JONES 8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY		
	08/27/2026	ASI-2
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		Second Floor Lighting Plan

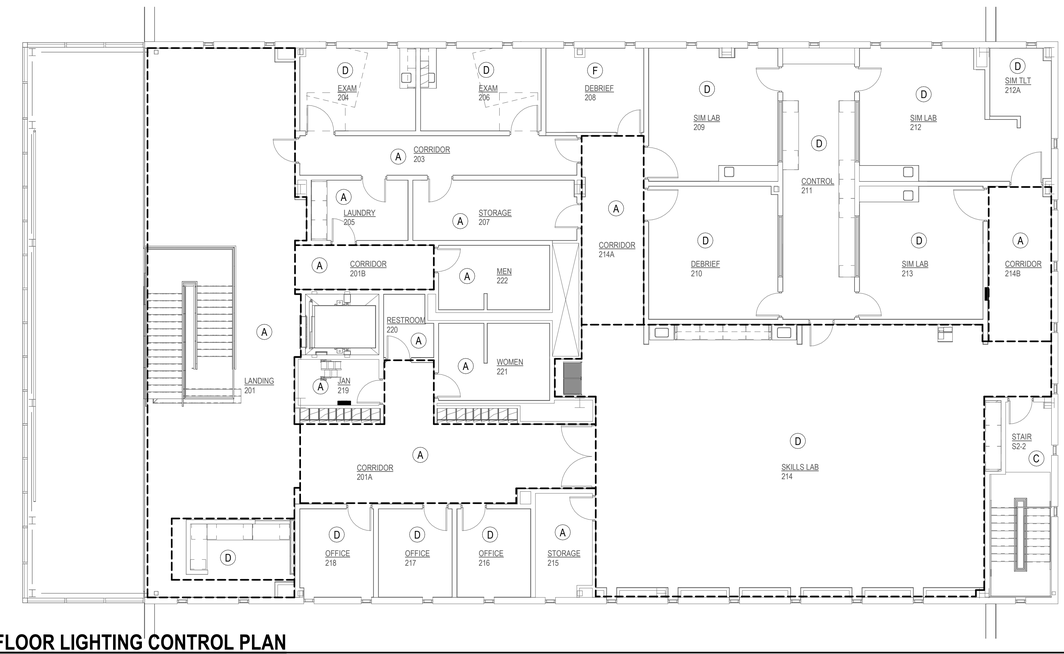
E1.02



FIRST FLOOR LIGHTING CONTROL PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'



SECOND FLOOR LIGHTING CONTROL PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

LIGHTING CONTROL SCHEDULE									
CONTROL SCENARIO		LIGHTING CONTROLS						REMARKS	
DESIGNATION	DESCRIPTION	OCCUPANCY SENSOR	VACANCY SENSOR	PHOTOCELL	MANUAL SWITCH	TIME CONTROL	NLIGHT NETWORKED	TYPICAL APPLICATION	NOTES
A	DUAL TECHNOLOGY OCCUPANCY SENSORS TURN LIGHTS ON WHEN OCCUPIED. DUAL TECHNOLOGY OCCUPANCY SENSORS TURN LIGHTS OFF WHEN VACCANT. WALL SWITCH FUNCTIONS AS AN OVERRIDE OFF/DIM.	ON/OFF	-	-	OFF/DIM	-	NO	CORRIDORS, RESTROOMS, STORAGE, LOBBY	2
B	SWITCH TURNS LIGHTS ON. SWITCH TURNS LIGHTS OFF. TIME TRIGGERS BLINK WARNING.	-		-	-	LOCAL	NO	ELECTRICAL/MECHANICAL, TELECOM	3
C	DUAL TECHNOLOGY OCCUPANCY SENSOR TURNS LIGHTS TO FULL ON WHEN OCCUPIED. DUAL TECHNOLOGY OCCUPANCY SENSOR DIMS LIGHTS TO 30% WHEN VACANT. WALL SWITCH PROVIDES OVERRIDE FULL ON	ON/30% OFF	-	-	FULL ON	-	NO	STAIRWELLS	2
D	WALL SWITCH/DIMMER TURNS LIGHTS ON. WALL SWITCH/DIMMER TURNS LIGHTS OFF. DUAL TECHNOLOGY OCCUPANCY SENSORS TURN LIGHTS OFF WHEN VACCANT.	-	MANUAL ON AUTO OFF	-	ON/OFF/DIM	-	NO	OFFICES, LABS, CONFERENCE, CLASSROOMS, SUPPORT SPACES, WORKROOMS	2
F	WALL SWITCH/DIMMER TURNS LIGHTS ON. WALL SWITCH/DIMMER TURNS LIGHTS OFF. NEVER AUTO SWEEP OFF.	-	-	-	ON/OFF/DIM	-	NO	ELEVATOR SHAFT	
G	DUAL TECHNOLOGY OCCUPANCY SENSORS TURN LIGHTS ON WHEN OCCUPIED. DUAL TECHNOLOGY OCCUPANCY SENSORS TURN LIGHTS OFF WHEN VACCANT.	ON/OFF	-	-	-	-	NO	MAIN ENTRY VESTIBULE	2
H	PHOTOCELL TURNS LIGHTS ON AT "DUSK". PHOTOCELLS TURNS LIGHTS OFF AT "DAWN". TIMECLOCK CONTROLS ON/OFF AT DESIGNATED TIME.	-	-	-	-	ON/OFF	NO	PEDESTRIAN POLES, BOLLARDS BUILDING FAÇADE	1

LIGHTING CONTROL SCHEDULE GENERAL NOTES:

1. NOT ALL SCENARIOS ARE USED ON THIS PROJECT, SEE LIGHTING CONTROL PLANS FOR DESIGNATED SCENARIOS.
2. COORDINATE WITH MANUFACTURER'S RECOMMENDATIONS IN ORDER TO PROVIDE SUFFICIENT NUMBER OF OCCUPANCY SENSORS FOR THE PHYSICAL SIZES OF THE SPACE TO PROVIDE ADEQUATE COVERAGE AND PICKUP.
3. COORDINATE LIGHTING CONTROLS TO ENSURE ALL LIFE SAFETY LIGHTING IS ENERGIZED UPON LOSS OF NORMAL POWER NOT A SWITCHING EVENT, UNLESS OTHERWISE NOTED ON THE LIGHTING PLANS.
4. ALL AUTOMATIC CONTROLS FOR LIGHTING ALONG PATH OF EGRESS ARE TO FAIL IN THE 'ON' POSITION TO ENSURE PATH ILLUMINATION UPON POWER LOSS.
5. REFERENCE THE LIGHTING PLANS FOR ADDITIONAL CIRCUITING AND CONTROL INFORMATION.
6. SEE SITE AND LIGHTING PLANS FOR EXACT CONTROL SCENARIO OF EXTERIOR LIGHTING CIRCUITS.

LIGHTING CONTROL SCHEDULE NOTES:

1. SET INITIAL TIMECLOCK SETTING FOR 'ON' AT DUSK, 'OFF' AT 6AM, COORDINATE FINAL TIMECLOCK SETTING WITH OWNER.
2. SET INITIAL TIME DELAY FOR OCCUPANCY SENSORS FOR 20 MINUTES, COORDINATE FINAL TIME DELAY WITH OWNER.
3. SET INITIAL 'ON' FOR TIMER SWITCH FOR 30 MINUTES, COORDINATE FINAL 'ON' TIME WITH OWNER.

nLIGHT LIGHTING CONTROL DEVICE SCHEDULE	
S_N	ON/OFF PUSHBUTTON, NLIGHT CATALOG NUMBER: NPODMA
S_{ND}	ON/OFF PUSHBUTTON W/ RAISE/LOWER OPTION, NLIGHT CATALOG NUMBER: NPODMA DX
S_{ND2}	TWO CHANNEL ON/OFF PUSHBUTTON W/ RAISE/LOWER OPTION, NLIGHT CATALOG NUMBER: NPODMA 2P DX
S_{ND4}	FOUR CHANNEL ON/OFF PUSHBUTTON W/ RAISE/LOWER OPTION, NLIGHT CATALOG NUMBER: NPODMA 4P DX
NP	120/277 VAC POWER PACK, NLIGHT CATALOG NUMBER: NPP16
ND	120/277 VAC POWER PACK W/ 0-10V DIMMING OUTPUT, NLIGHT CATALOG NUMBER: NPP16 D
◈	CEILING MOUNT 360°, STANDARD RANGE DUAL TECH. OCCUPANCY SENSOR, NLIGHT CATALOG NUMBER: NCM PDT 9
$◈_1$	CEILING MOUNT 360°, HIGH MOUNT DUAL TECH. OCCUPANCY SENSOR, NLIGHT CATALOG NUMBER: NCM PDT 10
$◈_2$	INPUT INTERFACE WITH PARTITION SENSOR, NLIGHT CATALOG NUMBER: NPARTITION KIT. SEE PARTITION "DIMMING/ON/OFF RELAY/LOAD LIGHTING CONTROL SYSTEM WIRING DIAGRAM WITH PARTITION SENSOR" DETAIL FOR ADDITIONAL INFORMATION. PROVIDE AND INSTALL ALL COMPONENTS NECESSARY FOR A PROPER WORKING PARTITION SENSOR SYSTEM.

nLIGHT CONTROL DEVICE SCHEDULE NOTES:

1. WHERE NLIGHT POWER PACKS/RELAY ARE INDICATED IN AREAS WITH HARD CEILINGS, POWER PACKS/RELAYS SHALL BE LOCATED IN THE NEAREST ACCESSIBLE CEILING SPACE OR NEAR ACCESS PANELS.
2. IN CORRIDORS, RESTROOMS, VESTIBULES, LOBBIES, STORAGE ROOMS AND STAIRWELLS, SENSORS SHALL BE OCCUPANCY SENSORS. THE LOCAL WALL CONTROLS SHALL PROVIDE MANUAL OFF CAPABILITIES IN ADDITION TO THE LIGHTS TIMING OFF AUTOMATICALLY UPON OCCUPANT EXIT. IN OTHER ROOMS WITH LOCAL WALL CONTROLS, SENSORS SHALL BE VACANCY SENSORS SO THAT UPON ENTERING THE ROOM, THE WALL CONTROLS MUST BE ACTIVATED BEFORE THE LIGHTS WILL TURN ON, AND UPON EXITING THE LIGHTS WILL TIME OFF.
3. ANY OCCUPANCY/VACANCY SENSOR IN A ZONE SHALL CONTROL THE FIXTURES IN THAT ZONE.
4. SUBSCRIPT LOWERCASE LETTER (_) AT ROOM CONTROLLER INDICATES SWITCH GROUP.
5. LOW VOLTAGE WALL SWITCHES SHALL BE GRAY IN COLOR.
6. SEE THE WIRING DIAGRAMS FOR ADDITIONAL INFORMATION AND THE LIGHTING PLANS FOR SENSOR LOCATIONS.
7. IN SPACES WITHOUT CEILINGS, CONTRACTORS SHALL COORDINATE MOUNTING HEIGHT OF OCCUPANCY SENSORS WITH ARCHITECT AND ENGINEER PRIOR TO INSTALLATION. IN GENERAL, SENSORS SHOULD BE MOUNTED AT AN ELEVATION EVEN WITH THE BOTTOM OF OTHER ADJACENT SYSTEMS IN ORDER TO PROVIDE CLEAR LINE OF SIGHT FOR SENSOR COVERAGE.
8. AT A MINIMUM, ALL SENSORS SHALL BE LOCATED AT THE MANUFACTURER'S RECOMMENDED DISTANCE FROM ALL MECHANICAL AIR DISTRIBUTION DIFFUSERS/GRILLS.
9. COORDINATE SENSOR DELAY FOR AUTOMATIC OFF WITH THE OWNER'S REPRESENTATIVE, DELAY TIME IS NOT TO EXCEED 20 MINUTES.
10. REFER TO THE LIGHTING CONTROL PLANS FOR WHICH ROOMS REQUIRE OCCUPANCY VERSUS VACANCY SENSORS.
11. THE ABOVE SCHEDULE IS BASED OFF OF NLIGHT PRODUCTS. WIRING DIAGRAMS SHALL BE OBTAINED FROM THE LIGHTING CONTROL MANUFACTURER PRIOR TO INSTALLATION.
12. CONTRACTOR TO PROVIDE AND INSTALL ALL LIGHTING CONTROL LOW VOLTAGE CABLING BETWEEN LIGHTING CONTROL SYSTEM DEVICES. LOW VOLTAGE CABLING SHALL BE ROUTED IN 3/4" CONDUIT WHEN CONCEALED IN WALL AND WHEN IN AREAS WITH NO CEILING, CONTRACTOR SHALL OBTAIN ALL NECESSARY WIRING DIAGRAMS FROM MANUFACTURER PRIOR TO INSTALLATION.
13. FULLY COORDINATE ALL SWITCH LOCATIONS WITH THE FURNITURE AND LAB PLANS, ENSURE SWITCH LOCATIONS WILL NOT BE COVERED BY EQUIPMENT AND/OR FURNITURE. LOW VOLTAGE SWITCHES MUST BE EASILY ACCESSIBLE AT ALL TIMES.
14. PROVIDE (1) NLIGHT #NAR40 AUXILIARY RELAY PER LIGHTING CONTROL ZONE IN ORDER TO PROVIDE OUTPUT FOR CONTROL OF HVAC EQUIPMENT IN EACH ROOM. MECHANICAL CONTROLS CONTRACTOR TO PROVIDE CONTROL WIRING FROM MECHANICAL EQUIPMENT, ELECTRICAL CONTRACTOR TO CONNECT WIRING TO LIGHTING CONTROL DEVICES. COORDINATE WITH THE CONTROLS CONTRACTOR. SEE THE MECHANICAL PLANS AND DETAILS FOR ADDITIONAL INFORMATION.

WATTSTOPPER DLM AND HUBBELL NX LIGHTING CONTROL SYSTEMS ARE APPROVED EQUIVALENTS FOR THE SPECIFIED ACUITY NLIGHT BASIS OF DESIGN LIGHTING CONTROL SYSTEM.

ADDITIONAL AUTOMATIC LIGHTING CONTROL DEVICE SCHEDULE	
S_T	LINE VOLTAGE DIGITAL TIMER SWITCH, SENSORSWITCH CATALOG NUMBER: PTS-720
S_O	WALL MOUNT DUAL TECH. VACANCY/OCCUPANCY SENSOR, SENSORSWITCH #WSX-PDT
S_{OD}	WALL MOUNT DUAL TECH. DIMMABLE VACANCY/OCCUPANCY SENSOR, SENSORSWITCH #WSX-PDT-D

ADDITIONAL AUTOMATIC CONTROL DEVICE GENERAL NOTES:

1. ANY OCCUPANCY/VACANCY SENSOR IN A ZONE SHALL CONTROL THE FIXTURES IN THAT ZONE.
2. SUBSCRIPT LOWERCASE LETTER (_) AT LIGHTING FIXTURE/DEVICE INDICATES SWITCH GROUP.
3. PROVIDE (1) RELAY PER LIGHTING CONTROL ZONE IN ORDER TO PROVIDE OUTPUT FOR CONTROL OF HVAC EQUIPMENT IN EACH ROOM. MECHANICAL CONTROLS CONTRACTOR TO PROVIDE CONTROL WIRING FROM MECHANICAL EQUIPMENT, ELECTRICAL CONTRACTOR TO CONNECT WIRING TO LIGHTING CONTROL DEVICES. COORDINATE WITH THE CONTROLS CONTRACTOR. SEE THE MECHANICAL PLANS AND DETAILS FOR ADDITIONAL INFORMATION.
4. SEE LIGHTING CONTROLS PLANS FOR ADDITIONAL INFORMATION.
5. LINE VOLTAGE WALL SWITCHES SHALL BE GRAY IN COLOR.

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STATE OF ARKANSAS BRENTON DAVID ADAMS LICENSED PROFESSIONAL ENGINEER No. 18928 8-31-26

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

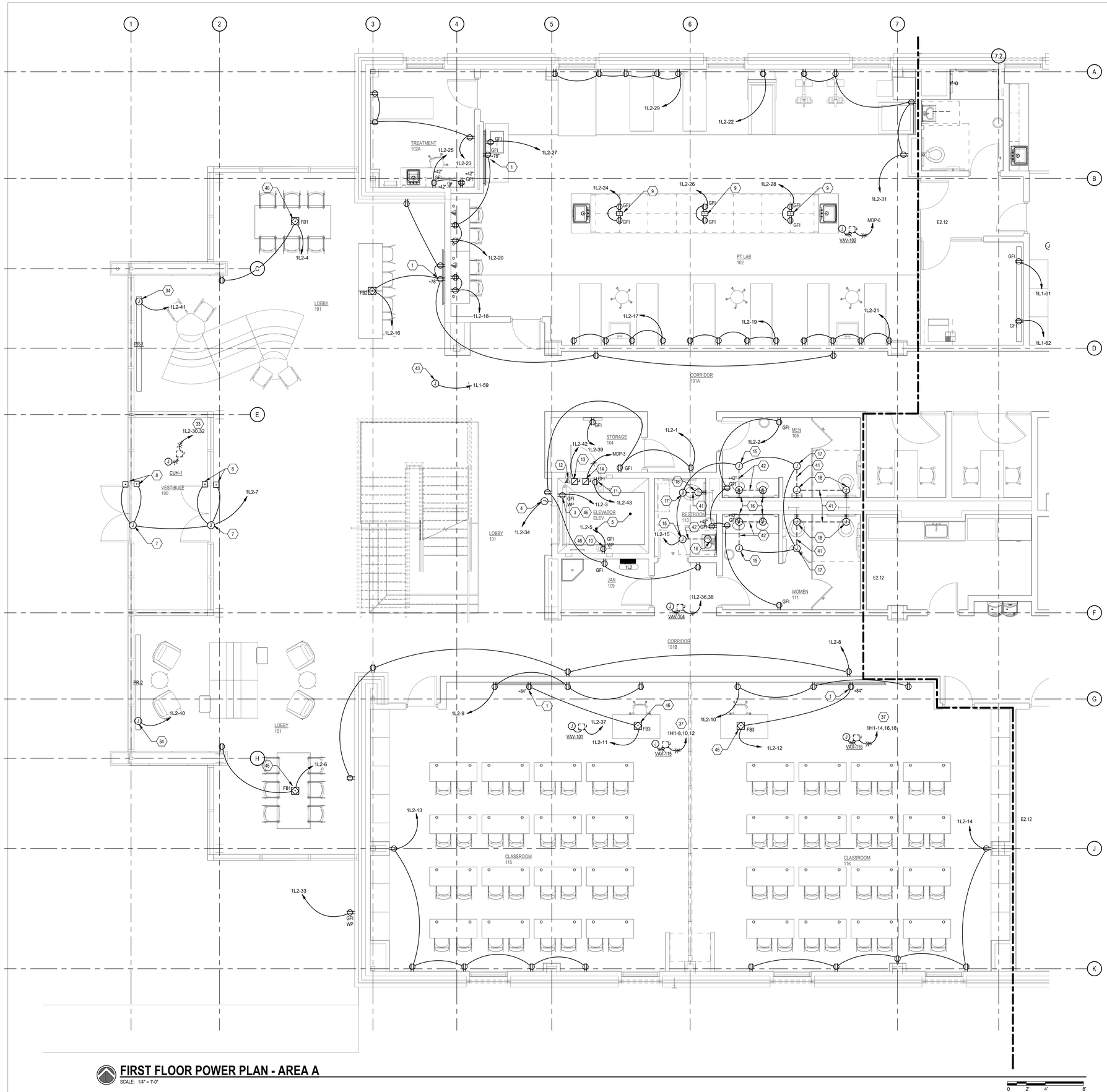
ISSUE FOR PRICING:

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DATE: 08/31/2026

TITLE: Lighting Control Plans

E1.03



FIRST FLOOR POWER PLAN - AREA A

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

POWER PLAN NOTES

KEY NOTE	DESCRIPTION
1	RECEPTACLE IS TO BE MOUNTED WITHIN RECESSED MEDIA WALL BOX BEHIND MONITOR. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION REGARDING MEDIA WALL BOX.
3	MOUNT A WEATHERPROOF, GFI DUPLEX RECEPTACLE ADJACENT TO ELEVATOR PIT LIGHT, 12" ABOVE PIT FLOOR. COORDINATE EXACT DEVICE LOCATION WITH ELEVATOR SUPPLIER/INSTALLER.
4	PROVIDE 120V ELECTRICAL CONNECTION TO TWO-WAY COMMUNICATION SYSTEM CALL BOX. SEE THE TWO-WAY COMMUNICATION SYSTEM DETAIL FOR ADDITIONAL INFORMATION. COORDINATE THE EXACT CONNECTION REQUIREMENTS AND LOCATION WITH THE MANUFACTURER AND OWNER'S REPRESENTATIVE.
5	ALL ELECTRICAL DEVICES MOUNTED AT OR BELOW 48" ABOVE THE ELEVATOR PIT FLOOR SHALL BE NEMA 4 RATED. ALL ELECTRICAL RACEWAYS INSTALLED AT OR BELOW 48" ABOVE THE ELEVATOR PIT FLOOR SHALL BE RIGID GALVANIZED STEEL.
7	PROVIDE 120V ELECTRICAL CONNECTION TO AUTOMATIC DOOR OPERATOR. COORDINATE WITH DOOR OPERATOR SUPPLIER/INSTALLER FOR EXACT REQUIREMENTS.
8	OUTLET BOX FOR AUTO DOOR OPERATOR PUSHBUTTON STATION. INSTALL BOX ON MULLION AT LOCATION INDICATED. PROVIDE ALL NECESSARY CONNECTIONS BETWEEN PUSHBUTTON STATION & POWER SUPPLY JUNCTION BOX. ROUTE WIRE IN CONDUIT CONCEALED IN MULLION AND ABOVE CEILING. COORDINATE INSTALLATION AND CONNECTION DETAILS WITH THE DOOR HARDWARE SUPPLIER/INSTALLER.
9	AT THE LOCATION INDICATED, PROVIDE DOUBLE GANG, DOUBLE FACE PEDESTAL WATERSAVER CATALOG #E400WS (OR ENGINEER APPROVED EQUAL), SURFACE MOUNTED ON COUNTERTOP, COMPLETE WITH THE DEVICES INDICATED, ADAPTOR FOR USE WITH STUB UPS, NECESSARY DIVIDERS, FACEPLATES AND ALL OTHER COMPONENTS TO ENSURE A COMPLETE INSTALLATION.
10	MOUNT WEATHERPROOF, 20A, 125V DUPLEX RECEPTACLE FOR ELEVATOR PIT SUMP AT 12" ABOVE PIT FLOOR. COORDINATE EXACT DEVICE LOCATION WITH ELEVATOR SUPPLIER/INSTALLER AND THE MECHANICAL CONTRACTOR.
11	DUPLEX RECEPTACLE TO BE MOUNTED ON METAL SHROUD PROVIDED BY ELEVATOR MANUFACTURER ON THE HOISTWAY SIDE OF THE ELEVATOR MACHINE SPACE DOOR. LOCATE RECEPTACLE AS DIRECTED BY ELEVATOR SUPPLIER/INSTALLER AND PROVIDE ALL NECESSARY CONNECTIONS.
12	TELECOMMUNICATIONS OUTLET FOR ELEVATOR CAR TELEPHONE CABLING. LOCATE BOX AS DIRECTED BY ELEVATOR SUPPLIER/INSTALLER. PROVIDE (1)-1 ¼" CONDUIT CONNECTION BETWEEN BOX AND ELEVATOR CONTROLLER. ALL CABLING SHALL BE INSTALLED IN CONDUIT. COORDINATE CONNECTION REQUIREMENTS WITH ELEVATOR SUPPLIER/INSTALLER.
13	30A/1P FUSIBLE DISCONNECT SWITCH, FUSED AT 15 AMPS FOR ELEVATOR CAR LIGHTING. DISCONNECT SWITCH TO BE MOUNTED ON METAL SHROUD PROVIDED BY ELEVATOR MANUFACTURER ON THE HOISTWAY SIDE OF THE ELEVATOR MACHINE SPACE DOOR. LOCATE SWITCH AS DIRECTED BY ELEVATOR SUPPLIER/INSTALLER AND PROVIDE ALL NECESSARY CONNECTIONS.
14	PROVIDE A COOPER BUSSMAN POWER MODULE, ALL-IN-ONE FUSIBLE LOCKABLE ELEVATOR DISCONNECT FOR ELEVATOR CONTROLLER/POWER SUPPLY MOUNTED ON METAL SHROUD PROVIDED BY ELEVATOR MANUFACTURER ON THE HOISTWAY SIDE OF THE ELEVATOR MACHINE SPACE DOOR. SEE THE ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION. FULLY COORDINATESWITCH LOCATION AND CONNECTION TO CONTROLLER WITH THE ELEVATOR SUPPLIER/INSTALLER.
15	120V ELECTRICAL CONNECTION TO 24VAC CONTROL TRANSFORMER SERVING FAUCETS. COORDINATE TRANSFORMER SIZE WITH THE MECHANICAL CONTRACTOR. LOCATE TRANSFORMER IN AN ACCESSIBLE LOCATION BELOW COUNTER OR ABOVE AN ACCESS PANEL IN THE CEILING. COORDINATE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR AND OWNER.
16	PROVIDE JUNCTION BOX FOR AUTOMATIC FAUCET SENSORY ASSEMBLY. COORDINATE ALL REQUIREMENTS WITH FAUCET SUPPLIER/INSTALLER.
17	120V ELECTRICAL CONNECTION TO AUTOMATIC FLUSH VALVE CONTROL TRANSFORMER. COORDINATE ACCESSIBLE LOCATION OF CONTROL TRANSFORMER WITH OWNER'S REPRESENTATIVE. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR AND FLUSH VALVE SUPPLIER/INSTALLER.
18	PROVIDE JUNCTION BOX FOR AUTOMATIC FLUSH VALVE SENSORY ASSEMBLY. COORDINATE ALL REQUIREMENTS WITH FLUSH VALVE SUPPLIER/INSTALLER.
33	ROUTE (2)#8'S AND (1)#10G THROUGHOUT ENTIRE CIRCUIT.
34	PROVIDE 120V CONNECTION TO BASE BOARD HEATERS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS.
37	ROUTE (4)#12'S AND (1)#12G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
41	PROVIDE ALL LOW VOLTAGE CONTROL WIRING FROM CONTROL TRANSFORMER TO AUTOMATIC FLUSH VALVE SENSOR ASSEMBLY NECESSARY FOR A COMPLETE INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH FLUSH VALVE SUPPLIER/INSTALLER.
42	PROVIDE ALL LOW VOLTAGE CONTROL WIRING FROM CONTROL TRANSFORMER TO AUTOMATIC FAUCENT SENSOR ASSEMBLY NECESSARY FOR A COMPLETE INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH FAUCET SUPPLIER/INSTALLER.
43	120V CIRCUIT INDICATED FOR POWERING OF MECHANICAL CONTROL TRANSFORMERS. LOCATIONS OF 120V CONNECTIONS TO CONTROL TRANSFORMERS ARE SPREAD THROUGHOUT THE BUILDING. THIS JUNCTION BOX IS NOT INTENDED TO PROVIDE ANY INFORMATION RELATED TO CONTROL TRANSFORMER QUANTITIES OR LOCATIONS. PROVIDE ALL REQUIRED 120V ELECTRICAL CONNECTIONS TO MECHANICAL CONTRACTOR PROVIDED AND INSTALLED CONTROL TRANSFORMERS. COORDINATE EXACT CONNECTION LOCATIONS, QUANTITIES, AND ADDITIONAL REQUIREMENTS WITH THE MECHANICAL CONTRACTOR. PROVIDE ALL WIRING TO CONTROL TRANSFORMERS IN CONDUIT. SEE THE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
46	ELECTRICAL DEVICE WAS PREVIOUSLY BID AS PART OF THE EARLY SITE PACKAGE.

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STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 18928 BRENTON DAVID ADAMS 8-31-26

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

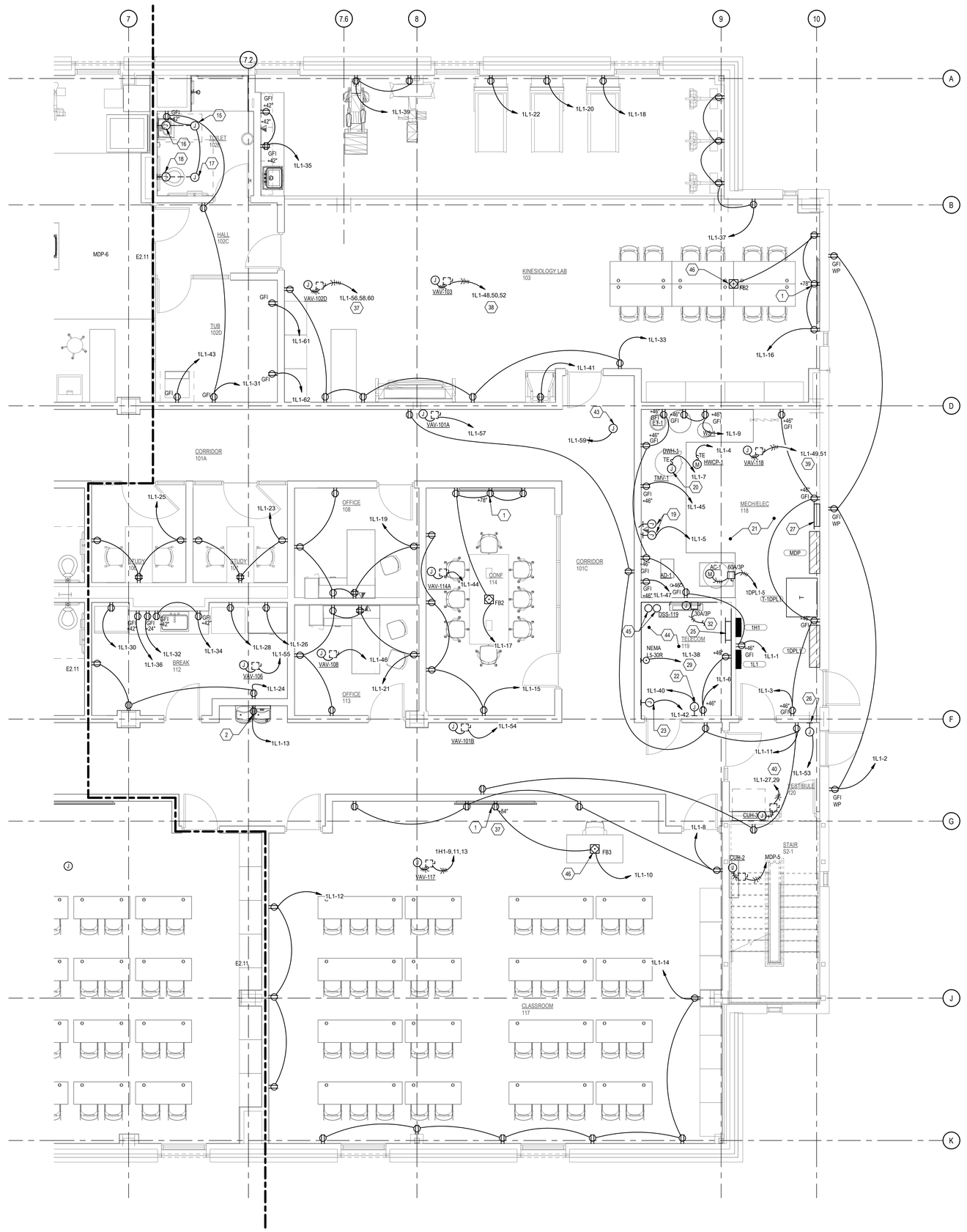
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DATE: 08/31/2026

TITLE: First Floor Power Plan - Area A

E2.11



FIRST FLOOR POWER PLAN - AREA B

SCALE: 1/4" = 1'-0"

POWER PLAN NOTES

KEY NOTE	DESCRIPTION
1	RECEPTACLE IS TO BE MOUNTED WITHIN RECESSED MEDIA WALL BOX BEHIND MONITOR. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION REGARDING MEDIA WALL BOX.
2	PROVIDE 120V ELECTRICAL CONNECTION TO ELECTRIC WATER COOLER. CIRCUIT TO A 20A/1P CIRCUIT BREAKER WITH GROUND FAULT PROTECTION LOCATED IN THE PANELBOARD INDICATED. COORDINATE EXACT REQUIREMENTS WITH THE WATER COOLER SUPPLIER/INSTALLER.
15	120V ELECTRICAL CONNECTION TO 24VAC CONTROL TRANSFORMER SERVING FAUCETS. COORDINATE TRANSFORMER SIZE WITH THE MECHANICAL CONTRACTOR. LOCATE TRANSFORMER IN AN ACCESSIBLE LOCATION BELOW COUNTER OR ABOVE AN ACCESS PANEL IN THE CEILING. COORDINATE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR AND OWNER.
16	PROVIDE JUNCTION BOX FOR AUTOMATIC FAUCET SENSORY ASSEMBLY. COORDINATE ALL REQUIREMENTS WITH FAUCET SUPPLIER/INSTALLER.
17	120V ELECTRICAL CONNECTION TO AUTOMATIC FLUSH VALVE CONTROL TRANSFORMER. COORDINATE ACCESSIBLE LOCATION OF CONTROL TRANSFORMER WITH OWNER'S REPRESENTATIVE. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR AND FLUSH VALVE SUPPLIER/INSTALLER.
18	PROVIDE JUNCTION BOX FOR AUTOMATIC FLUSH VALVE SENSORY ASSEMBLY. COORDINATE ALL REQUIREMENTS WITH FLUSH VALVE SUPPLIER/INSTALLER.
19	PROVIDE 120V ELECTRICAL CONNECTION TO BAS CONTROL PANEL(S). ROUTE 120V POWER VIA AN UNINTERRUPTIBLE POWER SUPPLY RATED, AT A MINIMUM, FOR THE TOTAL ELECTRICAL LOAD OF THE EMCS CONTROL PANELS BEING SERVED. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH MECHANICAL/CONTROLS CONTRACTOR AND THE OWNER'S BUILDING CONTROLS MANAGER.
20	PROVIDE 120V CONNECTION FOR WATER HEATER CONTROL PANEL. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR.
21	ALL DISCONNECT SWITCHES LOCATED WITHIN MECHANICAL ROOM ARE TO BE PROVIDED WITH NEMA 3R ENCLOSURES.
22	PROVIDE 120V ELECTRICAL CONNECTION TO CARD ACCESS CONTROL PANEL IN THIS LOCATION. COORDINATE EXACT CONNECTION REQUIREMENTS AND LOCATION WITH THE MANUFACTURER AND OWNER'S REPRESENTATIVE.
23	PROVIDE 120V ELECTRICAL CONNECTION FOR TWO-WAY COMMUNICATION BASE STATION. SEE TWO-WAY COMMUNICATION SYSTEM DETAIL FOR ADDITIONAL INFORMATION.
25	PROVIDE 20" X 4" X 1/4" TELECOMMUNICATIONS GROUNDING BUSBAR(TGB). MOUNT THE COPPER TGB ON INSULATORS AT 12" AFF. PROVIDE #3/0 AWG COPPER GROUNDING ELECTRODE CONDUCTOR IN CONTINUOUS CONDUIT FROM BUSBAR BACK TO THE BUILDING'S MAIN GROUNDING ELECTRODE SYSTEM. SEE GROUND CONNECTIONS DETAIL FOR ADDITIONAL INFORMATION.
26	PROVIDE 120V ELECTRICAL CONNECTION TO FIRE ALARM CONTROL PANEL.
27	PROVIDE 24" X 4" X 1/4" MAIN ELECTRICAL SERVICE GROUNDING BUSBAR. MOUNT THE COPPER BUSBAR ON INSULATORS AT 12" AFF. SEE THE GROUND CONNECTIONS DETAIL FOR ADDITIONAL INFORMATION.
29	ROUTE #10'S THROUGHOUT ENTIRE CIRCUIT.
32	CIRCUIT CONTINUED TO OUTDOOR UNIT SHOWN ON E2.31. ROUTE (3)#10'S AND (1)#10 GROUND IN 3/4" CONDUIT.
37	ROUTE (4)#12'S AND (1)#12G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
38	ROUTE (4)#10'S AND (1)#10G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
39	ROUTE (3)#12'S AND (1)#12G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
40	ROUTE (3)#10'S AND (1)#10G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
43	120V CIRCUIT INDICATED FOR POWERING OF MECHANICAL CONTROL TRANSFORMERS. LOCATIONS OF 120V CONNECTIONS TO CONTROL TRANSFORMERS ARE SPREAD THROUGHOUT THE BUILDING. THIS JUNCTION BOX IS NOT INTENDED TO PROVIDE ANY INFORMATION RELATED TO CONTROL TRANSFORMER QUANTITIES OR LOCATIONS. PROVIDE ALL REQUIRED 120V ELECTRICAL CONNECTIONS TO MECHANICAL CONTRACTOR PROVIDED AND INSTALLED CONTROL TRANSFORMERS. COORDINATE EXACT CONNECTION LOCATIONS, QUANTITIES, AND ADDITIONAL REQUIREMENTS WITH THE MECHANICAL CONTRACTOR. PROVIDE ALL WIRING TO CONTROL TRANSFORMERS IN CONDUIT. SEE THE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
44	PROVIDE ¾" THICK, FIRE TREATED PLYWOOD BACKBOARD FROM FLOOR TO 8'-0" AFF ON ALL WALLS. PAINT WITH (2) COATS OF FIRE RETARDENT PAINT TO MATCH ROOM PAINT COLOR. PLYWOOD SHALL BE INSTALLED WITH FIRE RATING STAMP FACING OUTWARD AND VISIBLE. DO NOT PAINT OVER PLYWOOD FIRE RATING STAMP.
45	TELECOMMUNICATIONS SERVICE ENTRANCE CONDUIT TO STUB UP THROUGH THE SLAB IN THIS LOCATION. BUSH CONDUIT ENDS. CONDUITS SHALL STUB UP TIGHT TO WALL AND SHALL EXTEND A MINIMUM OF 4" AFF. SEE ELECTRICAL SITE UTILITIES PLAN FOR ADDITIONAL INFORMATION.
46	ELECTRICAL DEVICE WAS PREVIOUSLY BID AS PART OF THE EARLY SITE PACKAGE.

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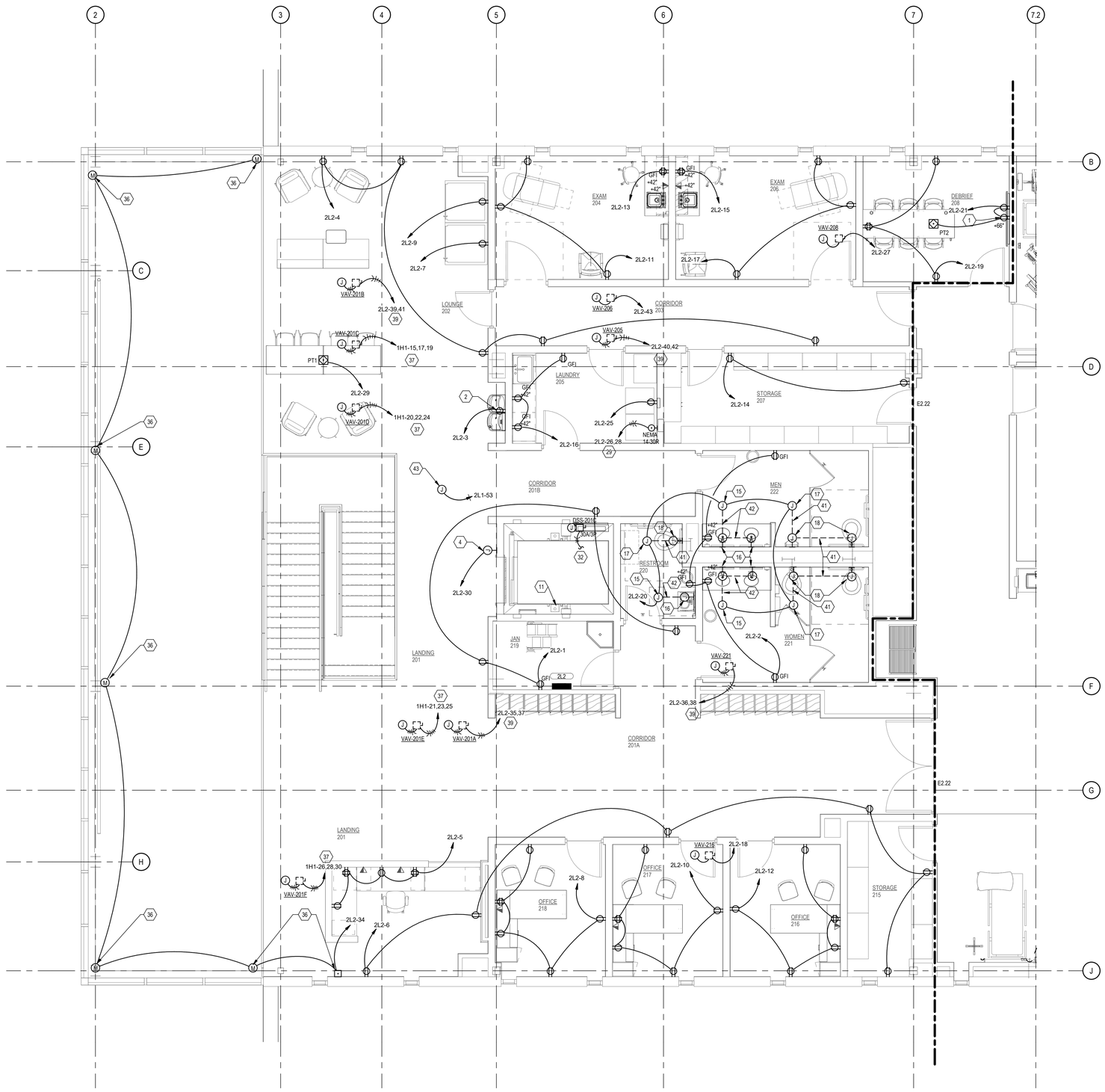
UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRENTON DAVID JONES — 8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026

TITLE: First Floor Power Plan - Area B

E2.12



SECOND FLOOR POWER PLAN - AREA A

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

POWER PLAN NOTES

KEY NOTE	DESCRIPTION
1	RECEPTACLE IS TO BE MOUNTED WITHIN RECESSED MEDIA WALL BOX BEHIND MONITOR. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION REGARDING MEDIA WALL BOX.
2	PROVIDE 120V ELECTRICAL CONNECTION TO ELECTRIC WATER COOLER. CIRCUIT TO A 20A/1P CIRCUIT BREAKER WITH GROUND FAULT PROTECTION LOCATED IN THE PANELBOARD INDICATED. COORDINATE EXACT REQUIREMENTS WITH THE WATER COOLER SUPPLIER/INSTALLER.
4	PROVIDE 120V ELECTRICAL CONNECTION TO TWO-WAY COMMUNICATION SYSTEM CALL BOX. SEE THE TWO-WAY COMMUNICATION SYSTEM DETAIL FOR ADDITIONAL INFORMATION. COORDINATE THE EXACT CONNECTION REQUIREMENTS AND LOCATION WITH THE MANUFACTURER AND OWNER'S REPRESENTATIVE.
11	DUPLEX RECEPTACLE TO BE MOUNTED ON METAL SHROUD PROVIDED BY ELEVATOR MANUFACTURER ON THE HOISTWAY SIDE OF THE ELEVATOR MACHINE SPACE DOOR. LOCATE RECEPTACLE AS DIRECTED BY ELEVATOR SUPPLIER/INSTALLER AND PROVIDE ALL NECESSARY CONNECTIONS.
15	120V ELECTRICAL CONNECTION TO 24VAC CONTROL TRANSFORMER SERVING FAUCETS. COORDINATE TRANSFORMER SIZE WITH THE MECHANICAL CONTRACTOR. LOCATE TRANSFORMER IN AN ACCESSIBLE LOCATION BELOW COUNTER OR ABOVE AN ACCESS PANEL IN THE CEILING. COORDINATE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR AND OWNER.
16	PROVIDE JUNCTION BOX FOR AUTOMATIC FAUCET SENSORY ASSEMBLY. COORDINATE ALL REQUIREMENTS WITH FAUCET SUPPLIER/INSTALLER.
17	120V ELECTRICAL CONNECTION TO AUTOMATIC FLUSH VALVE CONTROL TRANSFORMER. COORDINATE ACCESSIBLE LOCATION OF CONTROL TRANSFORMER WITH OWNER'S REPRESENTATIVE. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR AND FLUSH VALVE SUPPLIER/INSTALLER.
18	PROVIDE JUNCTION BOX FOR AUTOMATIC FLUSH VALVE SENSORY ASSEMBLY. COORDINATE ALL REQUIREMENTS WITH FLUSH VALVE SUPPLIER/INSTALLER.
29	ROUTE #10'S THROUGHOUT ENTIRE CIRCUIT.
32	CIRCUIT CONTINUED TO OUTDOOR UNIT SHOWN ON E2.31. ROUTE (3)#10'S AND (1)#10 GROUND IN 3/4" CONDUIT.
36	PROVIDE 120V CONNECTION TO MOTORIZED SHADES AND CONTROLS. COORDINATE WITH MOTORIZED SHADES SUPPLIER/INSTALLER FOR EXACT REQUIREMENTS.
37	ROUTE (4)#12'S AND (1)#12G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
39	ROUTE (3)#12'S AND (1)#12G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
41	PROVIDE ALL LOW VOLTAGE CONTROL WIRING FROM CONTROL TRANSFORMER TO AUTOMATIC FLUSH VALVE SENSOR ASSEMBLY NECESSARY FOR A COMPLETE INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH FLUSH VALVE SUPPLIER/INSTALLER.
42	PROVIDE ALL LOW VOLTAGE CONTROL WIRING FROM CONTROL TRANSFORMER TO AUTOMATIC FAUCENT SENSOR ASSEMBLY NECESSARY FOR A COMPLETE INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH FAUCET SUPPLIER/INSTALLER.
43	120V CIRCUIT INDICATED FOR POWERING OF MECHANICAL CONTROL TRANSFORMERS. LOCATIONS OF 120V CONNECTIONS TO CONTROL TRANSFORMERS ARE SPREAD THROUGHOUT THE BUILDING. THIS JUNCTION BOX IS NOT INTENDED TO PROVIDE ANY INFORMATION RELATED TO CONTROL TRANSFORMER QUANTITIES OR LOCATIONS. PROVIDE ALL REQUIRED 120V ELECTRICAL CONNECTIONS TO MECHANICAL CONTRACTOR PROVIDED AND INSTALLED CONTROL TRANSFORMERS. COORDINATE EXACT CONNECTION LOCATIONS, QUANTITIES, AND ADDITIONAL REQUIREMENTS WITH THE MECHANICAL CONTRACTOR. PROVIDE ALL WIRING TO CONTROL TRANSFORMERS IN CONDUIT. SEE THE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRENTON DAVID ADAMS — 8-31-26

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

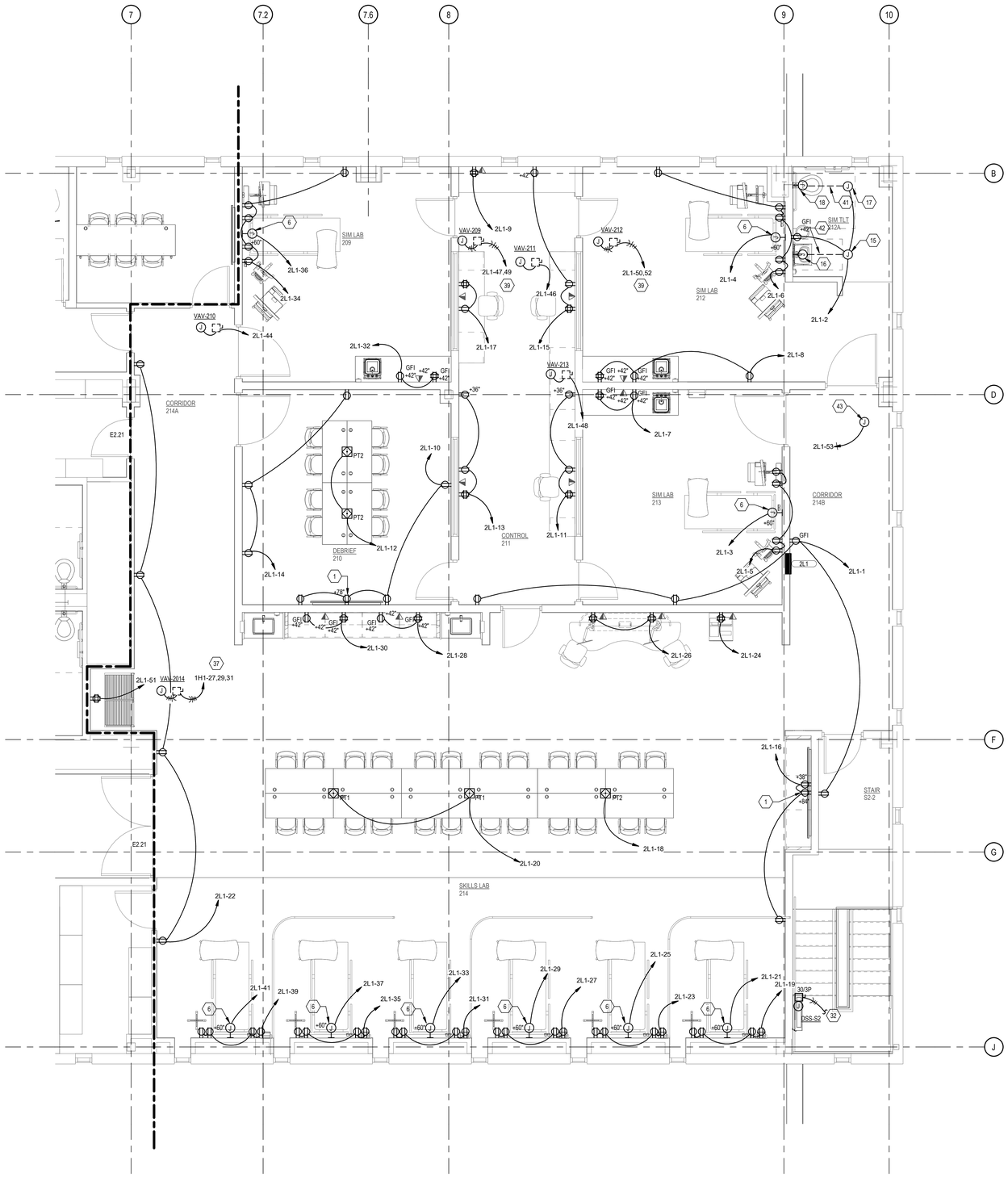
ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Second Floor Power Plan - Area A

E2.21



SECOND FLOOR POWER PLAN - AREA B

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

POWER PLAN NOTES

KEY NOTE	DESCRIPTION
1	RECEPTACLE IS TO BE MOUNTED WITHIN RECESSED MEDIA WALL BOX BEHIND MONITOR. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION REGARDING MEDIA WALL BOX.
6	120V ELECTRICAL CONNECTION TO HEADWALL SYSTEM. HEADWALL WILL BE EQUIPPED WITH INTEGRALLY WIRED RECEPTACLES. COORDINATE EXACT CONNECTION LOCATION AND DETAILS WITH THE HEADWALL SUPPLIER/INSTALLER.
15	120V ELECTRICAL CONNECTION TO 24VAC CONTROL TRANSFORMER SERVING FAUCETS. COORDINATE TRANSFORMER SIZE WITH THE MECHANICAL CONTRACTOR. LOCATE TRANSFORMER IN AN ACCESSIBLE LOCATION BELOW COUNTER OR ABOVE AN ACCESS PANEL IN THE CEILING. COORDINATE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR AND OWNER.
16	PROVIDE JUNCTION BOX FOR AUTOMATIC FAUCET SENSORY ASSEMBLY. COORDINATE ALL REQUIREMENTS WITH FAUCET SUPPLIER/INSTALLER.
17	120V ELECTRICAL CONNECTION TO AUTOMATIC FLUSH VALVE CONTROL TRANSFORMER. COORDINATE ACCESSIBLE LOCATION OF CONTROL TRANSFORMER WITH OWNER'S REPRESENTATIVE. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR AND FLUSH VALVE SUPPLIER/INSTALLER.
18	PROVIDE JUNCTION BOX FOR AUTOMATIC FLUSH VALVE SENSORY ASSEMBLY. COORDINATE ALL REQUIREMENTS WITH FLUSH VALVE SUPPLIER/INSTALLER.
32	CIRCUIT CONTINUED TO OUTDOOR UNIT SHOWN ON E2.31. ROUTE (3)#10'S AND (1)#10 GROUND IN 3/4" CONDUIT.
37	ROUTE (4)#12'S AND (1)#12G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
39	ROUTE (3)#12'S AND (1)#12G IN 3/4" CONDUIT THROUGHOUT ENTIRE CIRCUIT.
41	PROVIDE ALL LOW VOLTAGE CONTROL WIRING FROM CONTROL TRANSFORMER TO AUTOMATIC FLUSH VALVE SENSOR ASSEMBLY NECESSARY FOR A COMPLETE INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH FLUSH VALVE SUPPLIER/INSTALLER.
42	PROVIDE ALL LOW VOLTAGE CONTROL WIRING FROM CONTROL TRANSFORMER TO AUTOMATIC FAUCENT SENSOR ASSEMBLY NECESSARY FOR A COMPLETE INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH FAUCET SUPPLIER/INSTALLER.
43	120V CIRCUIT INDICATED FOR POWERING OF MECHANICAL CONTROL TRANSFORMERS. LOCATIONS OF 120V CONNECTIONS TO CONTROL TRANSFORMERS ARE SPREAD THROUGHOUT THE BUILDING. THIS JUNCTION BOX IS NOT INTENDED TO PROVIDE ANY INFORMATION RELATED TO CONTROL TRANSFORMER QUANTITIES OR LOCATIONS. PROVIDE ALL REQUIRED 120V ELECTRICAL CONNECTIONS TO MECHANICAL CONTRACTOR PROVIDED AND INSTALLED CONTROL TRANSFORMERS. COORDINATE EXACT CONNECTION LOCATIONS, QUANTITIES, AND ADDITIONAL REQUIREMENTS WITH THE MECHANICAL CONTRACTOR. PROVIDE ALL WIRING TO CONTROL TRANSFORMERS IN CONDUIT. SEE THE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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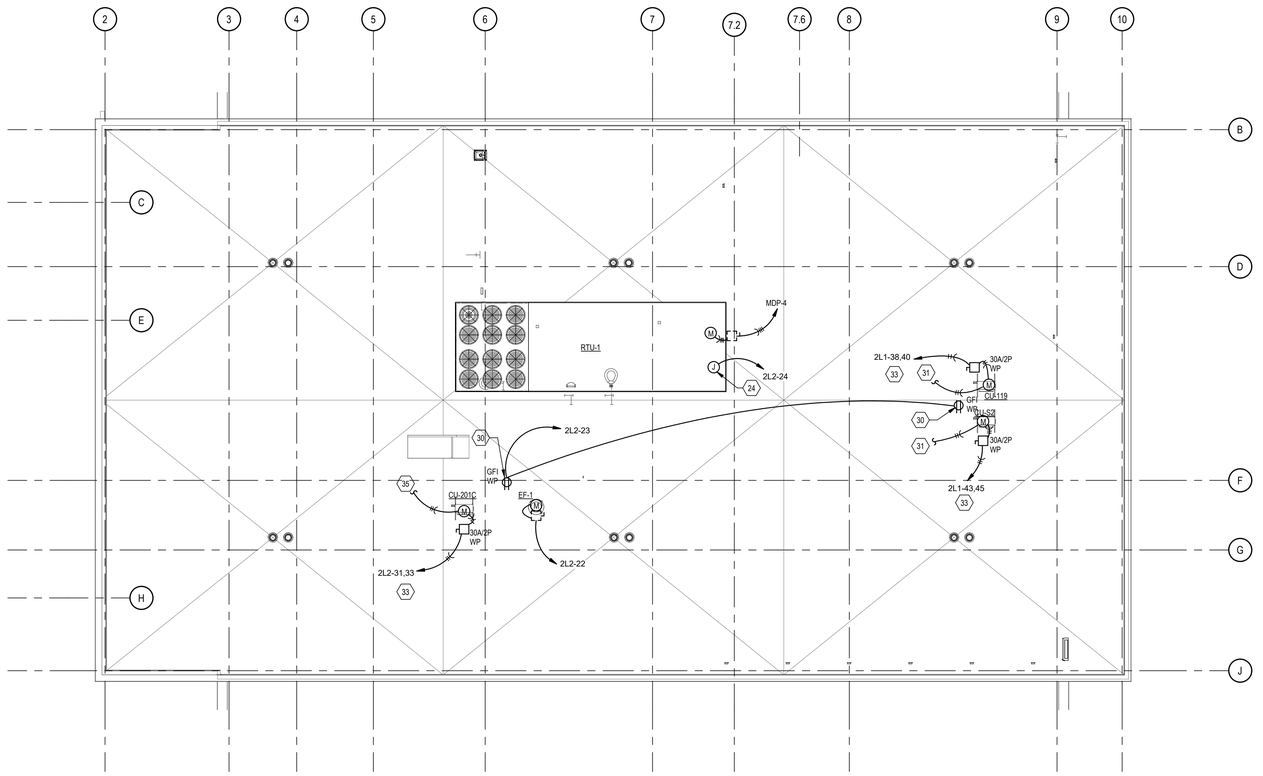
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STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRENTON DAVID ADAMS — 8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
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ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		Second Floor Power Plan - Area B

E2.22



ROOF POWER PLAN

SCALE: 1/8" = 1'-0"

0 4" 8" 16"

POWER PLAN NOTES	
KEY NOTE	DESCRIPTION
24	PROVIDE 120V ELECTRCAL CONNECTION FOR RTU INTERGRAL RECEPTACLES. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR.
30	MOUNT RECEPTACLE TO ROOF WITH STAINLESS STEEL UNISTRUT OR SURFACE MOUNT ON MECHANICAL EQUIPMENT AS ALLOWED BY MECHANICAL EQUIPMENT MANUFACTURER. COORDINATE MOUNTING AND LOCATION WITH MECHANICAL AND ROOF CONTRACTORS.
31	CIRCUIT CONTINUED TO INDOOR UNIT SHOWN ON E2.12. ROUTE (3)#10'S AND (1)#10 GROUND IN 3/4" CONDUIT.
33	ROUTE (2)#8'S AND (1)#10G THROUGHOUT ENTIRE CIRCUIT.
35	CIRCUIT CONTINUED TO INDOOR UNIT SHOWN ON E2.21. ROUTE (3)#10'S AND (1)#10 GROUND IN 3/4" CONDUIT.

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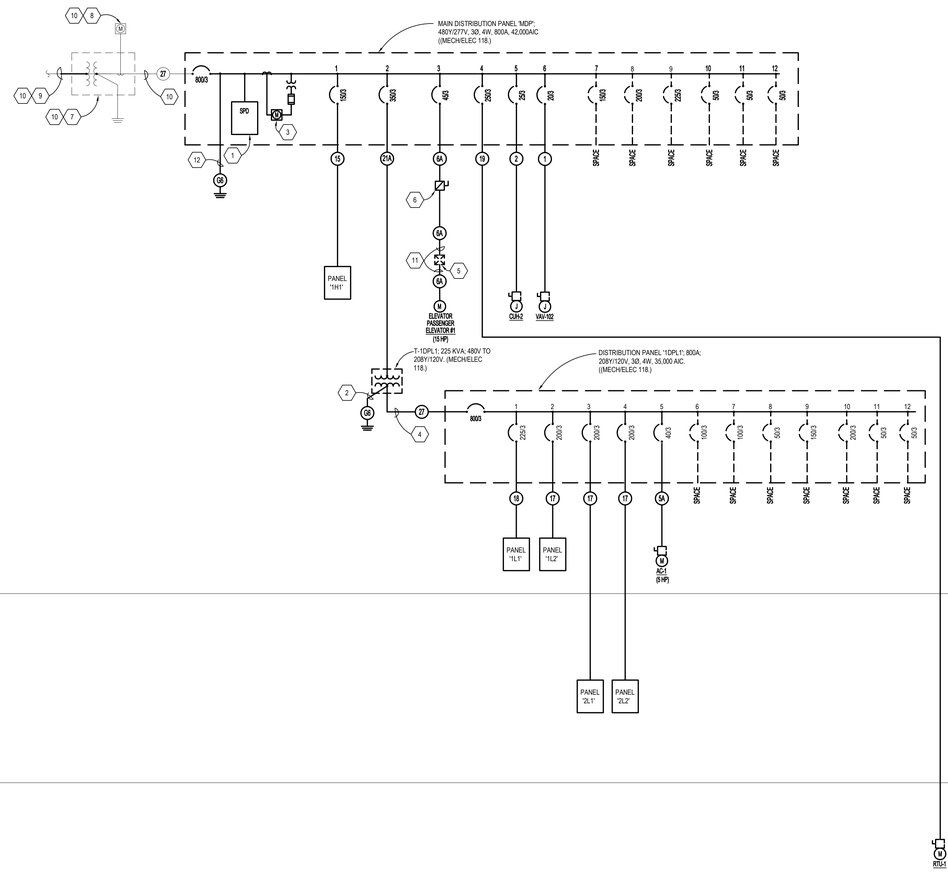
#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		

DATE: 08/31/2026

TITLE: Roof Power Plan

E2.31

COORDINATE ALL ELECTRIC UTILITY SCOPE WITH ENTERGY BEFORE PERFORMING ANY WORK



ALL BREAKERS LABELED "SPACE" ARE PREPARED SPACES ONLY FOR THE BREAKER FRAME SIZE INDICATED. NO BREAKER SHALL BE PROVIDED.

ALL CONDUIT SIZES SHOWN ON FEEDER SIZING TABLE HAVE BEEN SIZED FOR EMT CONDUIT. ADJUST SIZE AS NECESSARY FOR OTHER RACEWAY TYPES. CONDUIT SIZE SHALL NOT EXCEED NEC MANDATED FILL CAPACITIES.

ELECTRICAL ONE LINE DIAGRAM

NO SCALE

ELECTRICAL ONE LINE DIAGRAM - NORMAL NOTES	
KEY NOTE	DESCRIPTION
1	SURGE PROTECTION DEVICE (SPD), INTEGRAL TO EQUIPMENT. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	GROUND THE SEPARATELY DERIVED SYSTEM IN ACCORDANCE WITH THE NEC AND SPECIFIED REQUIREMENTS.
3	DIGITAL ELECTRIC POWER METER & NECESSARY METERING XFMRS INTEGRAL TO SWITCHBOARD. FULLY COORDINATE DETAILS WITH THE OWNERS REPRESENTATIVE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4	MAXIMUM FEEDER LENGTH IS 10'-0".
5	ELEVATOR CONTROLLER INDICATED IS PROVIDED BY THE ELEVATOR MANUFACTURER/SUPPLIER, CONNECTED BY THE ELECTRICAL CONTRACTOR. FULLY COORDINATE ALL INSTALLATION AND CONNECTION DETAILS WITH THE ELEVATOR MANUFACTURER/SUPPLIER.
6	PROVIDE A COOPER BUSSMAN POWER MODULE SWITCH, ALL-IN-ONE ELEVATOR DISCONNECT, #PS6T48RL_KGN6BF(_), FOR THE ELEVATOR CONTROLLER (EXACT FIRE ALARM INTERFACE OPTIONS SHALL BE COORDINATED WITH THE EXISTING FIRE ALARM SYSTEM TO ENSURE COMPATIBILITY), SWITCH SHALL BE FUSED USING 40 AMP DUAL ELEMENT, TIME DELAY & CURRENT LIMITING FUSES TYPE J. THE FUSE SHALL LIMIT THE RMS SYMMETRICAL SHORT CIRCUIT CURRENT (SCCR) AT THE ELEVATOR CONTROLLER TO LESS THAN 10,000A. PROVIDE CONNECTIONS BETWEEN THE INTERNAL SHUNT-TRIP BREAKER AND THE FIRE ALARM SYSTEM SO THE BREAKER IS TRIPPED UPON ACTIVATION OF A HEAT DETECTOR IN THE ELEVATOR HOISTWAY OR ELEVATOR MACHINE SPACE. PROVIDE ALL CONNECTIONS BETWEEN ALL-IN-ONE DISCONNECT SWITCH AND FIRE ALARM PANEL FOR MONITORING OF CONTROL VOLTAGE TO INTERNAL SHUNT TRIP DEVICE. LOSS OF SHUNT TRIP CONTROL CIRCUIT VOLTAGE SHALL INITIATE A SUPERVISORY SIGNAL TO THE FIRE ALARM PANEL. PROVIDE ONE SET OF AUXILIARY CONTACTS IN THE DISCONNECT SWITCH FOR CONNECTIONS TO THE BATTERY EMERGENCY LOWERING SYSTEM. COORDINATE ALL NECESSARY CONNECTION REQUIREMENTS WITH THE ELEVATOR SUPPLIER/INSTALLER.
7	NEW 13,800V TO 480Y/277V, 3PH, 4 WIRE, 550kVA PAD MOUNT TRANSFORMER PROVIDED AND INSTALLED BY UTILITY (ENTERGY). SEE THE ELECTRICAL SITE UTILITIES PLAN AND TRANSFORMER PAD DETAIL FOR ADDITIONAL INFORMATION. FULLY COORDINATE ALL REQUIREMENTS WITH UTILITY (ENTERGY).
8	ELECTRIC UTILITY METER. FULLY COORDINATE ALL REQUIREMENTS WITH THE UTILITY (ENTERGY) AND PROVIDE ALL NECESSARY EQUIPMENT, WIRE, CONDUIT, AND CONNECTIONS TO ENSURE A COMPLETE METERING INSTALLATION. SEE THE ELECTRIC SITE UTILITIES PLAN FOR ADDITIONAL INFORMATION.
9	PRIMARY ELECTRIC CABLING AND CONDUIT. MEDIUM VOLTAGE CABLING AND TERMINATIONS PROVIDED BY ELECTRIC UTILITY (ENTERGY).
10	SHOWN FOR REFERENCE ONLY. WORK WAS BID SEPARATELY AS PART OF THE EARLY SITE PACKAGE.
11	CONTRACTOR SHALL PROVIDE AND INSTALL WIRING FROM ELEVATOR CONTROLLER TO THE POWER SUPPLY IN THE ELEVATOR PIT. COORDINATE DETAILS WITH THE ELEVATOR SUPPLIER/INSTALLER.
12	GROUND SERVICE IN ACCORDANCE WITH THE NEC AND SPECIFIED REQUIREMENTS. PROVIDE MAIN BONDING JUMPER, NEUTRAL TO GROUND BOND AT THIS LOCATION. SEE THE GROUND CONNECTIONS DETAIL FOR ADDITIONAL INFORMATION.

FEEDER SCHEDULE (COPPER)			
MARK	FEEDER DESCRIPTION	FEEDER DESCRIPTION	MARK
1	(4) #12 & (1) #12 GRND IN 3/4" CONDUIT	(3) #12 & (1) #12 GRND IN 3/4" CONDUIT	1A
2	(4) #10 & (1) #10 GRND IN 3/4" CONDUIT	(3) #10 & (1) #10 GRND IN 3/4" CONDUIT	2A
3	(4) #10 & (1) #10 GRND IN 3/4" CONDUIT	(3) #10 & (1) #10 GRND IN 3/4" CONDUIT	3A
4	(4) #8 & (1) #10 GRND IN 3/4" CONDUIT	(3) #8 & (1) #10 GRND IN 3/4" CONDUIT	4A
5	(4) #8 & (1) #10 GRND IN 3/4" CONDUIT	(3) #8 & (1) #10 GRND IN 3/4" CONDUIT	5A
6	(4) #6 & (1) #10 GRND IN 1" CONDUIT	(3) #6 & (1) #10 GRND IN 1" CONDUIT	6A
7	(4) #6 & (1) #10 GRND IN 1" CONDUIT	(3) #6 & (1) #10 GRND IN 1" CONDUIT	7A
8	(4) #4 & (1) #10 GRND IN 1 1/4" CONDUIT	(3) #4 & (1) #10 GRND IN 1" CONDUIT	8A
9	(4) #4 & (1) #8 GRND IN 1 1/4" CONDUIT	(3) #4 & (1) #8 GRND IN 1" CONDUIT	9A
10	(4) #3 & (1) #8 GRND IN 1 1/4" CONDUIT	(3) #3 & (1) #8 GRND IN 1 1/4" CONDUIT	10A
11	(4) #2 & (1) #8 GRND IN 1 1/4" CONDUIT	(3) #2 & (1) #8 GRND IN 1 1/4" CONDUIT	11A
12	(4) #1 & (1) #8 GRND IN 1 1/2" CONDUIT	(3) #1 & (1) #8 GRND IN 1 1/2" CONDUIT	12A
13	(4) #2 & (1) #6 GRND IN 1 1/4" CONDUIT	(3) #2 & (1) #6 GRND IN 1 1/4" CONDUIT	13A
14	(4) #1 & (1) #6 GRND IN 1 1/2" CONDUIT	(3) #1 & (1) #6 GRND IN 1 1/4" CONDUIT	14A
15	(4) 1/0 & (1) #6 GRND IN 2" CONDUIT	(3) 1/0 & (1) #6 GRND IN 1 1/2" CONDUIT	15A
16	(4) 2/0 & (1) #6 GRND IN 2" CONDUIT	(3) 2/0 & (1) #6 GRND IN 2" CONDUIT	16A
17	(4) 3/0 & (1) #6 GRND IN 2" CONDUIT	(3) 3/0 & (1) #6 GRND IN 2" CONDUIT	17A

NOTE: ALL CONDUIT SIZES SHOWN ON FEEDER SIZING TABLE HAVE BEEN SIZED FOR THWN CONDUCTORS IN EMT CONDUIT. CONTRACTOR SHALL ADJUST CONDUIT SIZES AS NECESSARY FOR OTHER RACEWAY OR CONDUCTOR INSULATION TYPES. CONDUIT SIZE SHALL NOT EXCEED NEC MANDATED FILL CAPACITIES.

FEEDER SCHEDULE (COPPER) - CONTINUED			
MARK	FEEDER DESCRIPTION	FEEDER DESCRIPTION	MARK
18	(4) 4/0 & (1) #4 GRND IN 2 1/2" CONDUIT	(3) 4/0 & (1) #4 GRND IN 2" CONDUIT	18A
19	(4) 250MCM & (1) #4 GRND IN 2 1/2" CONDUIT	(3) 250MCM & (1) #4 GRND IN 2 1/2" CONDUIT	19A
20	(4) 350MCM & (1) #4 GRND IN 3" CONDUIT	(3) 350MCM & (1) #4 GRND IN 2 1/2" CONDUIT	20A
21	(4) 500MCM & (1) #3 GRND IN 3" CONDUIT	(3) 500MCM & (1) #3 GRND IN 3" CONDUIT	21A
22	(4) 3/0 & (1) #3 GRND IN EACH OF (2) 2" CONDUITS	(3) 3/0 & (1) #3 GRND IN EACH OF (2) 2" CONDUITS	22A
23	(4) 4/0 & (1) #2 GRND IN EACH OF (2) 2 1/2" CONDUITS	(3) 4/0 & (1) #2 GRND IN EACH OF (2) 2" CONDUITS	23A
24	(4) 250MCM & (1) #2 GRND IN EACH OF (2) 2 1/2" CONDUITS	(3) 250MCM & (1) #2 GRND IN EACH OF (2) 2 1/2" CONDUITS	24A
25	(4) 350MCM & (1) #1 GRND IN EACH OF (2) 3" CONDUITS	(3) 350MCM & (1) #1 GRND IN EACH OF (2) 2 1/2" CONDUITS	25A
26	(4) 500MCM & (1) 1/0 GRND IN EACH OF (2) 3" CONDUITS	(3) 500MCM & (1) 1/0 GRND IN EACH OF (2) 3" CONDUITS	26A
27	(4) 300MCM & (1) 1/0 GRND IN EACH OF (3) 2 1/2" CONDUITS	(3) 300MCM & (1) 1/0 GRND IN EACH OF (3) 2 1/2" CONDUITS	27A
28	(4) 400MCM & (1) 2/0 GRND IN EACH OF (3) 3" CONDUITS	(3) 400MCM & (1) 2/0 GRND IN EACH OF (3) 2 1/2" CONDUITS	28A
29	(4) 350MCM & (1) 3/0 GRND IN EACH OF (4) 3" CONDUITS	(3) 350MCM & (1) 3/0 GRND IN EACH OF (4) 2 1/2" CONDUITS	29A
30	(4) 400MCM & (1) 4/0 GRND IN EACH OF (5) 3" CONDUITS	(3) 400MCM & (1) 4/0 GRND IN EACH OF (5) 2 1/2" CONDUITS	30A
31	(4) 400MCM & (1) 250MCM GRND IN EACH OF (6) 3" CONDUITS	(3) 400MCM & (1) 250MCM GRND IN EACH OF (6) 2 1/2" CONDUITS	31A
32	(4) 500MCM & (1) 350MCM GRND IN EACH OF (7) 3" CONDUITS	(3) 500MCM & (1) 350MCM GRND IN EACH OF (7) 3" CONDUITS	32A
33	(4) 500MCM & (1) 400MCM GRND IN EACH OF (8) 3" CONDUITS	(3) 500MCM & (1) 400MCM GRND IN EACH OF (8) 3" CONDUITS	33A
34	(4) 500MCM & (1) 500MCM GRND IN EACH OF (11) 3" CONDUITS	(3) 500MCM & (1) 500MCM GRND IN EACH OF (11) 3" CONDUITS	34A
G1	(1) #8 GROUNDING ELECTRODE IN 3/4" CONDUIT	(1) 1/0 GROUNDING ELECTRODE IN 1" CONDUIT	G5
G2	(1) #6 GROUNDING ELECTRODE IN 3/4" CONDUIT	(1) 2/0 GROUNDING ELECTRODE IN 1" CONDUIT	G6
G3	(1) #4 GROUNDING ELECTRODE IN 3/4" CONDUIT	(1) 3/0 GROUNDING ELECTRODE IN 1" CONDUIT	G7
G4	(1) #2 GROUNDING ELECTRODE IN 3/4" CONDUIT		

NOTE: ALL CONDUIT SIZES SHOWN ON FEEDER SIZING TABLE HAVE BEEN SIZED FOR THWN CONDUCTORS IN EMT CONDUIT. CONTRACTOR SHALL ADJUST CONDUIT SIZES AS NECESSARY FOR OTHER RACEWAY OR CONDUCTOR INSULATION TYPES. CONDUIT SIZE SHALL NOT EXCEED NEC MANDATED FILL CAPACITIES.

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UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 18928 BRYSON DAVID JONES 8-31-24

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		

DATE: 08/31/2026

TITLE: Electrical One Line Diagram

E3.01

LIGHTING FIXTURE SCHEDULE

Fixture Type	Manufacturers	Catalog Numbers	Description	Lamp Type	Volt	VA	Mounting	Remarks
A	COOPER	24CZSCT3-UNV-L840-CD1	2' X 4' LED RECESSED TROFFER	LED, 4000K	UNV	35.3	RECESSED	COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'AE' FIXTURES.
B	COOPER	24GRSCT3-F1-UNV	2' X 4' LED RECESSED TROFFER	LED, 4000K	UNV	34.2	RECESSED	COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'BE' FIXTURES.
C	NULITE	RXX4-D-STF-05-L40-UNV-D11-WH-X	4" LED LENSED RECESSED LINEAR	LED, 4000K	UNV	4/FT	RECESSED	UNLESS OTHERWISE INDICATED, PROVIDE FIXTURE IN CONTINUOUS RUNS. COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR RUN LENGTHS AND ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'CE' FIXTURES.
D	NULITE	RXX4-D-STF-09-L40-UNV-D11-WH-X	4" LED LENSED RECESSED LINEAR	LED, 4000K	UNV	7/FT	RECESSED	UNLESS OTHERWISE INDICATED, PROVIDE FIXTURE IN CONTINUOUS RUNS. COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR RUN LENGTHS AND ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'DE' FIXTURES.
EXIT	EXITRONIX	S900-SM-R-WH-G2	LED EXIT FIXTURE-THERMO PLASTIC	PROVIDED WITH FIXTURE	UNV	5	UNIVERSAL	PROVIDE SINGLE OR DUAL FACED SIGNS, MOUNTING AND DIRECTIONAL ARROWS AS INDICATED ON PLANS. UNLESS OTHERWISE INDICATED, EXIT SIGNS SHOWN AS WALL MOUNTED SHOULD BE MOUNTED AT 7'-6" AFF OR IF ABOVE DOOR SO THAT BOTTOM OF EXIT SIGN IS 6" ABOVE TOP OF DOOR FRAMES. PROVIDE SELF DIAGNOSTICS AND INTEGRAL BATTERY PACK. COORDINATE FINISH WITH ARCHITECT.
F	NULITE	RXX4-D-STBW-05-L40-UNV-D11-WH	4" LED LENSED RECESSED LINEAR	LED, 4000K	UNV	4/FT	RECESSED	UNLESS OTHERWISE INDICATED, PROVIDE FIXTURE IN CONTINUOUS RUNS. COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR RUN LENGTHS AND ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'FE' FIXTURES.
G	NULITE	RP44-B-STBW-BW-05-03-L40-UNV-D11-WH-12	12'x4' LED DIRECT/INDIRECT LINEAR PENDANT	LED, 4000K	UNV	7/FT	PENDANT	UNLESS OTHERWISE NOTED, MOUNT FIXTURE WITH AIRCRAFT CABLE SO THAT BOTTOM OF FIXTURE IS 28'-0" AFF. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. EMERGENCY BACKUP THROUGH POWER INVERTER FOR TYPE 'GE' FIXTURES.
H6	NULITE	RR11-D-FF-05-L40-UNV-D-XX-XX-WH-SR-XX-6	6' x 2" SURFACE MOUNTED LINEAR STRIP	LED, 4000K	UNV	3.7/FT	SURFACE	PROVIDE NECESSARY COMPONENTS FOR FIXTURE SURFACE MOUNTING. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'HBE' FIXTURES.
H8	NULITE	RR11-D-FF-05-L40-UNV-D-XX-XX-WH-SR-XX-8	8' x 2" SURFACE MOUNTED LINEAR STRIP	LED, 4000K	UNV	3.7/FT	SURFACE	PROVIDE NECESSARY COMPONENTS FOR FIXTURE SURFACE MOUNTING. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION.
J	NULITE	RP44-B-STBW-BW-03-03-L40-UNV-D11-WH-12	12'x4' LED DIRECT/INDIRECT LINEAR PENDANT	LED, 4000K	UNV	5/FT	PENDANT	UNLESS OTHERWISE NOTED, MOUNT FIXTURE WITH AIRCRAFT CABLE SO THAT BOTTOM OF FIXTURE IS 11'-0" AFF. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM.
K	COOPER	HC6-07-D010-HM6-0525-840-61-WD	6" RECESSED DOWNLIGHT WIDE THROW	LED, 4000K	UNV	8.3	RECESSED	COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'KE' FIXTURES.
K1	COOPER	HC6-07-D010-HM6-0525-840-61-MD	6" RECESSED DOWNLIGHT	LED, 4000K	UNV	8.3	RECESSED	COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION.
L	COOPER	HC4-05-D010-HM4-0525-840-41-MD	4" RECESSED DOWNLIGHT	LED, 4000K	UNV	6.5	RECESSED	COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. AS APPLICABLE, PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION.
M	AXIS ALW BARTCO	ARWLED-500-XX-40-S-2-W-UNV-XX-1 FBSMB-S2-LOW-80-4000K-XX-SW-UNV RAD10-2-40-277-ND-L-S1-XX-AW OR ENGINEER/OWNER APPROVE EQUAL	VANITY LIGHT	LED, 4000K	UNV	6.4	SURFACE	PROVIDE ALL COMPONENTS NECESSARY FOR FIXTURE MOUNTING. MOUNT SO THAT BOTTOM OF FIXTURE IS 9" ABOVE MIRROR, FIXTURE CENTERED ABOVE MIRROR. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION.
N	NULITE	RR11-D-FF-05-L40-UNV-WH-XX OR ENGINEER/OWNER APPROVE EQUAL	UNDERCABINET LIGHT	LED, 4000K	UNV	3.7/FT	SURFACE	PROVIDE ALL COMPONENTS NECESSARY FOR FIXTURE MOUNTING. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE FIXTURE LENGTHS REQUIRED FOR COMPATIBLE INSTALLATION WITH CABINETRY PROVIDED. COORDINATE EXACT LENGTH WITH ARCHITECT AND CABINETRY SHOP DRAWINGS. COORDINATE INSTALLATION WITH CABINET SUPPLIER/INSTALLER AND ARCHITECT.
P	COOPER	4SNLED-LD5-48SL-UNV-L840-CD1-U OR ENGINEER/OWNER APPROVE EQUAL	4' LED STRIP	LED, 4000K	UNV	35	PENDANT	CHAIN HANG FIXTURES FROM STRUCTURE SO THAT BOTTOM OF FIXTURE IS 13'-0" AFF, UNLESS OTHERWISE NOTED ON PLAN. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'PE' FIXTURES.
P1	COOPER	4SNLED-LD5-85HL-UNV-L840-CD1-U OR ENGINEER/OWNER APPROVE EQUAL	4' LED STRIP HIGH OUTPUT	LED, 4000K	UNV	62	PENDANT	CHAIN HANG FIXTURES FROM STRUCTURE SO THAT BOTTOM OF FIXTURE IS 13'-0" AFF, UNLESS OTHERWISE NOTED ON PLAN. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'P1E' FIXTURES.
Q	COOPER	4WNLED-LD4-32SL-F-UNV-L840 OR ENGINEER/OWNER APPROVE EQUAL	1'X4 SURFACE	LED, 4000K	UNV	27.8	SURFACE	PROVIDE ALL COMPONENTS NECESSARY TO MOUNT LIGHT FIXTURE TO UNDERSIDE OF STAIR LANDING. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'QE' FIXTURES.
R4	NULITE	RP44-D-STF-09-L40-UNV-D11-WH-XX-4	4'x4" SUSPNEDED LINEAR DIRECT	LED, 4000K	UNV	28.4	PENDANT	UNLESS OTHERWISE NOTED, MOUNT FIXTURE WITH AIRCRAFT CABLE SO THAT BOTTOM OF FIXTURE IS 14'-0" AFF. PROVIDE FIXTURE IN CONTINUOUS RUNS. REFER TO THE LIGHTING PLAN FOR RUN LENGTHS AND ADDITIONAL INFORMATION. PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'R4E' FIXTURES.
R8	NULITE	RP44-D-STF-09-L40-UNV-D11-WH-XX-8	8'x4" SUSPNEDED LINEAR DIRECT	LED, 4000K	UNV	56.8	PENDANT	UNLESS OTHERWISE NOTED, MOUNT FIXTURE WITH AIRCRAFT CABLE SO THAT BOTTOM OF FIXTURE IS 14'-0" AFF (LEVEL 2). PROVIDE FIXTURE IN CONTINUOUS RUNS. REFER TO THE LIGHTING PLAN FOR RUN LENGTHS AND ADDITIONAL INFORMATION. PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP FOR TYPE 'R8E' FIXTURES.
T	COOPER	2VT3-LD5-3-G-UNV-L840-CD1 OR ENGINEER/OWNER APPROVE EQUAL	2' LED ENCLOSED AND GASKETED INDUSTRIAL LIGHT	LED, 4000K	UNV	27	SURFACE	MOUNT ELEVATOR PIT LIGHT 1' 6" AFF. GROUND FIXTURE AND FIXTURE GUARD IN ACCORDANCE WITH CODE REQUIREMENTS. DO NOT CONNECT THE LIGHT FIXTURE TO THE LOAD SIDE OF THE GFI RECEPTACLE. PROVIDE INTEGRAL EMERGENCY BATTERY BACKUP IN EACH FIXTURE (TE).
U	COOPER	ISW-SA1C-740-UNV-T4W-AP-CBP	WALL MOUNTED LED SITE LIGHT FIXTURE	LED, 4000K	UNV	35	WALL	WALL MOUNT FIXTURE AT 10'-0" ABOVE FINISH GRADE UNLESS OTHERWISE INDICATED ON PLANS. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE WITH INTEGRAL COLD WEATHER EMERGENCY BATTERY BACKUP FOR TYPE 'UE' FIXTURES.
V	SPITZER POLE: AV	PTM-100L-U-40K-T3-FR-CI-BK-PM AVPL-RSS-155-PT23-BLK	15' PEDESTRIAN POLE LED SITE FIXTURE	LED, 4000K	UNV	80	POLE	FIXTURE TO BE MOUNTED ON A POLE, POLE TO MATCH FIXTURE COLOR. REFER TO THE ELECTRICAL SITE PLAN AND PEDESTRIAN POLE BASE DETAIL FOR ADDITIONAL INFORMATION. PROVIDE ALL MOUNTING ACCESSORIES REQUIRED TO POLE MOUNT.
W	LIGMAN	ULB-10851-XXX-W40-01-120/277V	LED EXTERIOR BOLLARD	LED, 4000K	UNV	14	GROUND	REFER TO THE ELECTRICAL SITE PLAN FOR ADDITIONAL INFORMATION. REFER TO THE BOLLARD BASE DETAIL FOR ADDITIONAL INFORMATION.
Y	OXYGEN	LUCCI PENDANT: B-20-1550	PENDANT LIGHT	LED, 4000K	120V	23.2	PENDANT	UNLESS OTHERWISE NOTED, MOUNT FIXTURE WITH AIRCRAFT CABLE SO THAT BOTTOM OF FIXTURE IS 6'-6" AFF. VERIFY MOUNTING HEIGHT WITH ARCHITECT. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION. PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM.

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

1. FIXTURES WITH EMERGENCY BATTERY BACKUP OR INVERTER BACKUP SHALL BE PROVIDED WITH TEST SWITCH AS REQUIRED BY CODE. TEST SWITCH SHALL EITHER BE FIXTURE MOUNTED OR LOCATED IN NEARBY ACCESSIBLE LOCATION. FINAL LOCATION SHALL BE COORDINATED WITH OWNER, ARCHITECT AND ENGINEER.
2. EMERGENCY BATTERY BACKUP SHALL BE PROVIDED FOR ENTIRE FIXTURE SHOWN AS EMERGENCY UNLESS OTHERWISE NOTED. MULTIPLE BATTERY PACKS SHALL BE PROVIDED AS NECESSARY TO POWER THE ENTIRE FIXTURE. PROVIDE ALL PARTS NECESSARY FOR A COMPLETE AND CODE COMPLIANT INSTALLATION.
3. FIXTURES WITH EMERGENCY BATTERY BACKUP SHALL BE CAPABLE OF BEING LOCALLY SWITCHED OFF. BATTERY SHALL ENERGIZE FIXTURE ONLY IN A POWER LOSS SITUATION, NOT A SWITCHING EVENT.
4. CONTRACTOR SHALL VERIFY MOUNTING HEIGHTS OF ALL FIXTURES PRIOR TO INSTALLATION.

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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 18928 BRENTON DAVID ADAMS 8-31-26

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Electrical Schedules

E4.01

FLOOR BOX SCHEDULE

MARK	MANUFACTURER	CATALOG NUMBER	QUANTITY OF DUPLEX RECEPTACLES AND FACEPLATES	QUANTITY OF SINGLE GANG TELECOMMUNICATIONS PLATES	QUANTITY OF SINGLE GANG AV OPENINGS	QUANTITY OF 1 1/4" AV CONDUITS	QUANTITY OF 1 1/4" TELECOMUNCATIONS CONDUITS	NOTES
FB1	WIREMOLD	EFB4S-OG WITH EFB45CTCGY COVER	2	0	0	0	0	CONDUITS FOR 120 VOLT POWER ARE IN ADDITION TO THOSE SHOWN ON THE SCHEDULE. COORDINATE ALL INSTALLATION REQUIREMENTS WITH THE CM PRIOR TO INSTALLATION. BUSH ALL CONDUIT ENDS.
FB2	FSR	FSR FL-200P-4 WITH FL-200-SLD-GRY-C COVER	2	1	2	1	1	CONDUITS FOR 120 VOLT POWER ARE IN ADDITION TO THOSE SHOWN ON THE SCHEDULE. COORDINATE ALL INSTALLATION REQUIREMENTS WITH THE CM PRIOR TO INSTALLATION. AV AND TELECOMMUNICATION CONDUIT SHALL BE ROUTED CONCEALED FROM BOX AND STUBBED ABOVE NEAREST ACCESSIBLE CEILING OF THE ROOM BEING SERVED. BUSH ALL CONDUIT ENDS. PROVIDE...
FB3	FSR	FSR FL-500P-4-B WITH FL-500P-SLD-GRY-C COVER	2	1	3	2	1	CONDUITS FOR 120 VOLT POWER ARE IN ADDITION TO THOSE SHOWN ON THE SCHEDULE. COORDINATE ALL INSTALLATION REQUIREMENTS WITH THE CM PRIOR TO INSTALLATION. AV AND TELECOMMUNICATION CONDUIT SHALL BE ROUTED CONCEALED FROM BOX AND STUBBED ABOVE NEAREST ACCESSIBLE CEILING OF THE ROOM BEING SERVED. BUSH ALL CONDUIT ENDS. PROVIDE...
PT1	LEGRAND	6AT WITH 6ATC2PGY COVER	2	0	0	0	0	CONDUITS FOR 120 VOLT POWER ARE IN ADDITION TO THOSE SHOWN ON THE SCHEDULE. COORDINATE ALL INSTALLATION REQUIREMENTS WITH THE CM PRIOR TO INSTALLATION. BUSH ALL CONDUIT ENDS.
PT2	LEGRAND	6AT WITH 6ATC2PGY COVER	2	1	2	1	1	CONDUITS FOR 120 VOLT POWER ARE IN ADDITION TO THOSE SHOWN ON THE SCHEDULE. COORDINATE ALL INSTALLATION REQUIREMENTS WITH THE CM PRIOR TO INSTALLATION. AV AND TELECOMMUNICATION CONDUIT SHALL BE ROUTED CONCEALED FROM BOX AND STUBBED ABOVE NEAREST ACCESSIBLE...

Panel '1H1' Schedule

MAIN BUS: 150 A | LOAD (VA) | LOCATION: MECH/ELEC 118
VOLTAGE: 480Y/277 VOLTS, 3 PHASE, 4 WIRE | LOAD (VA) | MOUNTING: SURFACE
PANEL TYPE: LIGHTING AND APPLIANCE | MINIMUM AIC: 22,000

C	A	P	LOAD SERVED	LTG.	RECP.	MECH.	SPARE	PHASE	LTG.	RECP.	MECH.	SPARE	LOAD SERVED	P	A	C
1	20	1	LTG: FLOOR 1 CORR, CLASSES, MECH, STAIRS	3685				A	1144				LTG: LOBBY	1	20	2
3	20	1	LTG: ELEVATOR	81				B	3287				LTG: SECOND FLOOR LIGHTS	1	20	4
5	20	1	LTG: EXTERIOR WALL PACKS	35				C	422				LTG SITE PEDESTRIAN POLES AND BOLLARDS	1	20	6
7	20	1	LTG: STORAGE 104	34				A			2170		-	-	-	8
9	-	-	-			2833		B			2170		MECH: VAV-115	3	20	10
11	20	3	MECH: VAV-117			2833		C			2170		-	-	-	12
13	-	-	-			2833		A			2170		-	-	-	14
15	-	-	-			2170		B			2170		MECH: VAV-116	3	20	16
17	20	3	MECH: VAV-201C			2170		C			2170		-	-	-	18
19	-	-	-			2170		A			2170		-	-	-	20
21	-	-	-			2170		B			2170		MECH: VAV-201D	3	20	22
23	20	3	MECH: VAV-201E			2170		C			2170		-	-	-	24
25	-	-	-			2170		A			2170		-	-	-	26
27	-	-	-			2500		B			2170		MECH: VAV-201F	3	20	28
29	20	3	MECH: VAV-2014			2500		C			2170		-	-	-	30
31	-	-	-			2500		A				1000	SPARE			32
33			SPARE				1000	B				1000	SPARE			34
35			SPARE				1000	C				1000	SPARE			36
37			SPARE				1000	A				1000	SPARE			38
39			SPARE				1000	B				1000	SPARE			40
41			SPARE				1000	C				1000	SPARE			42
			CONNECTED LOAD	3835	-	29019	5000		4853	-	26040	6000	CONNECTED LOAD			
			% DF	100	100	80	50		100	100	80	50	%DF			
			EMD	3835	-	23215	2500		4853	-	20832	3000	EMD			
			EMD X 1.25 = / SYS. VOLT.	58235 X 1.25 / 480 X 1.73 = 88 Amps					OR MAIN LUG ONLY (MLO): 150 A							

PANEL SCHEDULE NOTES	
KEY NOTE	DESCRIPTION
1	PROVIDE GFI BREAKER OF THE AMPERAGE/POLES INDICATED.

Panel '1L1' Schedule

MAIN BUS: 225 A | LOAD (VA) | LOCATION: MECH/ELEC 118
VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE | LOAD (VA) | MOUNTING: SURFACE
PANEL TYPE: LIGHTING AND APPLIANCE | MINIMUM AIC: 22,000

C	A	P	LOAD SERVED	LTG.	RECP.	MECH.	SPARE	PHASE	LTG.	RECP.	MECH.	SPARE	LOAD SERVED	P	A	C
1	20	1	RECP: MECH/ELEC 118		1000			A		600			RECP: EXTERIOR EAST	1	20	2
3	20	1	RECP: MECH/ELEC 118		600			B			270		MECH: HWCP-1	1	20	4
5	20	1	RECP: BAS PANEL		600			C		400			RECP: TELECOM 119	1	20	6
7	20	1	RECP: WATER HEATER CONTROL PANEL		400			A		800			RECP: CLASSROOM 117	1	20	8
9	20	1	RECP: WATER SOFTENER		600			B		800			RECP: CLASSRM 117 FLOORBOX, MONITOR	1	20	10
11	20	1	RECP: CORRIDOR 101A,C VESTIBULE 120		1200			C		1000			RECP: CLASSROOM 117	1	20	12
(1) 13	20	1	RECP: ELECTRIC WATER COOLER		600			A		1200			RECP: CLASSROOM 117	1	20	14
15	20	1	RECP: CONF 114		1000			B		1000			RECP: KINESIOLOGY LAB 103 RCPTS, FLRBX	1	20	16
17	20	1	RECP: CONF 114 RCPT, FLOORBOX		1000			C		1600			RECP: KINE LAB TREADMILL	1	20	18
19	20	1	RECP: OFFICE 108		1200			A		1600			RECP: KINE LAB TREADMILL	1	20	20
21	20	1	RECP: OFFICE 113		1200			B		1600			RECP: KINE LAB TREADMILL	1	20	22
23	20	1	RECP: STUDY 107		800			C		600			RECP: BREAK 112	1	20	24
25	20	1	RECP: STUDY 106		800			A		1200			RECP: VENDING	1	20	26 (1)
27	25	2	MECH: CUH-3			1500		B		1200			RECP: VENDING	1	20	28 (1)
29	-	-	-			1500		C		1200			RECP: REFRIGERATOR	1	20	30 (1)
31	20	1	RECP: TOILET, HALL, TUB		800			A		1400			RECP: MICROWAVE	1	20	32
33	20	1	RECP: KINE LAB 103		1000			B		800			RECP: BREAKROOM COUNTER	1	20	34
35	20	1	RECP: KINE LAB COUNTER		600			C		1200			RECP: BREAKROOM COUNTER	1	20	36
37	20	1	RECP: KINE LAB 103		800			A		2000			RECP: TELECOM RACK	1	30	38
39	20	1	RECP: KINE LAB 103		600			B		600			RECP: CARD ACCESS CONTROL PANEL	1	20	40
41	20	1	RECP: KINE LAB SCALE		400			C		600			RECP: TWO-WAY COMMUNICATION PANEL	1	20	42
43	20	1	RECP: ICE MACHINE		1200			A			1000		MECH: VAV-101A	1	20	44
45	20	1	MECH: TMV-1			400		B			1000		MECH: VAV-108	1	20	46
47	20	1	MECH: AD-1			600		C			1667		-	-	-	48
49	20	2	MECH: VAV-118			1250		A			1667		MECH: VAV-103	3	25	50
51	-	-	-			1250		B			1667		-	-	-	52
53	20	1	RECP: FIRE ALARM CONTROL PANEL		600			C			1000		MECH: VAV-101B	1	20	54
55	20	1	MECH: VAV-106			1500		A			1333		-	-	-	56
57	20	1	MECH: VAV-101A			1000		B			1333		MECH: VAV-102D	3	20	58
59	20	1	RECP: MECH CONTROL XFMRS		600			C			1333		-	-	-	60
61	20	1	RECP: TUB TURBINE		800			A		800			RECP: TUB TURBINE	1	20	62
63	20	1	SPARE				1000	B				1000	SPARE	1	20	64
65	20	1	SPARE				1000	C				1000	SPARE	1	20	66
67	20	1	SPARE				1000	A				1000	SPARE	1	20	68
69	20	1	SPARE				1000	B				1000	SPARE	1	20	70
71	20	1	SPARE				1000	C				1000	SPARE	1	20	72
73			SPACE					A					SPACE			74
75			SPACE					B					SPACE			76
77			SPACE					C					SPACE			78
79			SPACE					A					SPACE			80
81			SPACE					B					SPACE			82
83			SPACE					C					SPACE			84
			CONNECTED LOAD	-	18400	9000	5000		-	22200	12270	5000	CONNECTED LOAD			
			% DF	100	62	80	50		100	62	80	50	%DF			
			EMD	-	11466	7200	2500		-	13834	9816	2500	EMD			
			EMD X 1.25 = / SYS. VOLT.	47316 X 1.25 / 208 X 1.73 = 164 Amps					OR MAIN LUG ONLY (MLO): 225 A							

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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRYSON DAVID DOWNS — 8-31-24

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		Electrical Schedules

E4.02

Panel '1L2' Schedule

MAIN BUS: 200 A				LOAD (VA)					LOAD (VA)				LOCATION: JANITOR 109			
VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE													MOUNTING: SURFACE			
PANEL TYPE: LIGHTING AND APPLIANCE													MINIMUM AIC: 22,000			
C	A	P	LOAD SERVED	LTG.	RECP.	MECH.	SPARE	PHASE	LTG.	RECP.	MECH.	SPARE	LOAD SERVED	P	A	C
1	20	1	RECP: STORAGE 104, JAN 109 CORR		1000			A		1000			RECP: MEN, WOMEN, RESTROOM	1	20	2
3	20	1	RECP: ELEVATOR PIT		400			B		600			RECP: LOBBY 101 RCPT, FLOORBOX	1	20	4
5	20	1	MECH: ELEVATOR SUMP PUMP			1000		C		600			RECP: LOBBY 110 RCPT, FLOORBOX	1	20	6
7	20	1	RECP: AUTOMATIC DOOR OPERATOR		1200			A		800			RECP: CORR 101B	1	20	8
9	20	1	RECP: CLASSROOM 115		600			B		600			RECP: CLASSROOM 116	1	20	10
11	20	1	RECP: CLASSROOM 115 MONITOR, FLOORBOX		600			C		600			RECP: CLASSROOM 116 MONITOR, FLOORBOX	1	20	12
13	20	1	RECP: CLASSROOM 115		1000			A		1000			RECP: CLASSROOM 116	1	20	14
15	20	1	RECP: MEN, WOMEN, RESTROOM		400			B		1000			RECP: LOBBY 110 RCPT, FLOORBOX	1	20	16
17	20	1	RECP: PT LAB		600			C		600			RECP: PT LAB	1	20	18
19	20	1	RECP: PT LAB		600			A		800			RECP: PT LAB	1	20	20
21	20	1	RECP: PT LAB		600			B		1600			RECP: TREADMILL	1	20	22
23	20	1	RECP: TREATMENT 102A		600			C		400			RECP: PT LAB ISLAND COUNTER	1	20	24
25	20	1	RECP: TREATMENT 102A COUNTER		600			A		400			RECP: PT LAB ISLAND COUNTER	1	20	26
27	20	1	RECP: HYDROCULATOR		1500			B		400			RECP: PT LAB ISLAND COUNTER	1	20	28
29	20	1	RECP: PT LAB		1000			C			2500		MECH: CUH-1	2	35	30
31	20	1	RECP: PT LAB		800			A			2500		-	-	-	32
33	20	1	RECP: EXTERIOR WEST		400			B		400			RECP: TWO-WAY COMMUNICATION CALLBOX	1	20	34
35	20	1	RECP: FIRE SMOKE DAMPERS		300			C			1500		MECH: VAV-104	2	20	36
37	20	1	MECH: VAV-101			1500		A			1500		-	-	-	38
39	20	1	RECP: SUMP PUMP PANEL		600			B			1466		MECH: PR-2	1	20	40
41	20	1	MECH: PR-1			1466		C	400				LTG: ELEVATOR LIGHTING	1	20	42
43	20	1	RECP: ELEVATOR HOISTWAY		400			A				1000	SPARE	1	20	44
45	20	1	SPARE				1000	B				1000	SPARE	1	20	46
47	20	1	SPARE				1000	C				1000	SPARE	1	20	48
49	20	1	SPARE				1000	A				1000	SPARE	1	20	50
51	20	1	SPARE				1000	B				1000	SPARE	1	20	52
53			SPACE					C					SPACE			54
55			SPACE					A					SPACE			56
57			SPACE					B					SPACE			58
59			SPACE					C					SPACE			60
			CONNECTED LOAD	-	13200	3966	4000		400	10800	9466	5000	CONNECTED LOAD			
			% DF	100	71	80	50		100	71	80	50	%DF			
			EMD	-	9350	3173	2000		400	7650	7573	2500	EMD			
			EMD X 1.25 =	32646 X 1.25 = 113 Amps					MAIN BREAKER SIZE: 200 A							
			SYS. VOLT.	208 X 1.73												

Panel '2L2' Schedule

MAIN BUS: 200 A				LOAD (VA)					LOAD (VA)				LOCATION: JAN 219			
VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE													MOUNTING: SURFACE			
PANEL TYPE: LIGHTING AND APPLIANCE													MINIMUM AIC: 22,000			
C	A	P	LOAD SERVED	LTG.	RECP.	MECH.	SPARE	PHASE	LTG.	RECP.	MECH.	SPARE	LOAD SERVED	P	A	C
1	20	1	RECP: CORR 201A,B, JAN 219		800			A		1000			RECP: MEN, WOMEN, RESTROOM	1	20	2
3	20	1	RECP: ELECTRIC WATER COOLER		600			B		1000			RECP: LOUNGE 202, CORR 203	1	20	4
5	20	1	RECP: LANDING DESK		1200			C		1200			RECP: CORRIDOR 201A, STORAGE 215	1	20	6
7	20	1	RECP: WIGGLE ROOM		1000			A		1200			RECP: OFFICE 218	1	20	8
9	20	1	RECP: WIGGLE ROOM		1000			B		1200			RECP: OFFICE 217	1	20	10
11	20	1	RECP: EXAM 204		600			C		1200			RECP: OFFICE 216	1	20	12
13	20	1	RECP: EXAM 204 COUNTER		600			A		400			RECP: STORAGE 207	1	20	14
15	20	1	RECP: EXAM 206		600			B		600			RECP: LAUNDRY 205	1	20	16
17	20	1	RECP: EXAM 206 COUNTER		600			C			1500		MECH: VAV-216	1	20	18
19	20	1	RECP: DEBRIEF 208		800			A		200			RECP: FAUCET, FLUSH SENSORS	1	20	20
21	20	1	RECP: DEBRIEF 208 RCPTS, FLOORBOX		800			B			1180		MECH: EF-1	1	20	22
23	20	1	RECP: ROOF RCPTS		400			C		400			RECP: RTU INTEGRAL RCPT	1	20	24
25	20	1	RECP: LAUNDRY WASHER		1600			A			2910		MECH: LAUNDRY DRYER	2	30	26
27	20	1	MECH: VAV-208			1000		B			2910		-	-	-	28
29	20	1	RECP: LOUNGE 202 FLOORBOX		400			C		400			RECP: TWO-WAY COMMUNICATION CALLBOX	1	20	30
31	35	2	MECH: CU-201C			2400		A	70				LTG: 2ND FLOOR LANDING - DESK PENDANTS	1	20	32
33	-	-	-			2400		B		1600			RECP: MOTORIZED SHADES	1	20	34
35	20	2	MECH:VAV-201A			1000		C			1250		MECH: VAV-221	2	20	36
37	-	-	-			1000		A			1250		-	-	-	38
39	20	2	MECH: VAV-201B			1000		B			1000		MECH: VAV-205	2	20	40
41	-	-	-			1000		C			1000		-	-	-	42
43	20	1	MECH: VAV-206			1500		A				1000	SPARE	1	20	44
45	20	1	SPARE				1000	B				1000	SPARE	1	20	46
47	20	1	SPARE				1000	C				1000	SPARE	1	20	48
49	20	1	SPARE				1000	A				1000	SPARE	1	20	50
51	20	1	SPARE				1000	B				1000	SPARE	1	20	52
53	20	1	SPARE				1000	C					SPACE			54
55			SPACE					A					SPACE			56
57			SPACE					B					SPACE			58
59			SPACE					C					SPACE			60
			CONNECTED LOAD	-	11000	11300	5000		70	10400	13000	5000	CONNECTED LOAD			
			% DF	100	73	80	50		100	73	80	50	%DF			
			EMD	-	8070	9040	2500		70	7630	10400	2500	EMD			
			EMD X 1.25 =	40210 X 1.25 = 140 Amps					MAIN BREAKER SIZE: 200 A							
			SYS. VOLT.	208 X 1.73												

1

Panel '2L1' Schedule

MAIN BUS: 200 A				LOAD (VA)					LOAD (VA)				LOCATION: CORRIDOR 214B			
VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE													MOUNTING: RECESSED			
PANEL TYPE: LIGHTING AND APPLIANCE													MINIMUM AIC: 22,000			
C	A	P	LOAD SERVED	LTG.	RECP.	MECH.	SPARE	PHASE	LTG.	RECP.	MECH.	SPARE	LOAD SERVED	P	A	C
1	20	1	RECP: CORR, CONTROL, SIM LAB		800			A		400			RECP: SIM TLT 212A	1	20	2
3	20	1	RECP: SIM LAB 213 HEADWALL		600			B		600			RECP: SIM LAB 212 HEADWALL	1	20	4
5	20	1	RECP: SIM LAB 213		800			C		1000			RECP: SIM LAB 212	1	20	6
7	20	1	RECP: SIM LAB 213 COUNTER		600			A		800			RECP: SIM LAB 212 COUNTER	1	20	8
9	20	1	RECP: AV RACK		1400			B		800			RECP: DEBRIEF 210	1	20	10
11	20	1	RECP: CONTROL 211		600			C		1000			RECP: DEBRIEF 210 FLOORBOX	1	20	12
13	20	1	RECP: CONTROL 211		800			A		600			RECP: DEBRIEF 210	1	20	14
15	20	1	RECP: CONTROL 211		800			B		600			RECP: SKILLS LAB 214	1	20	16
17	20	1	RECP: CONTROL 211		600			C		400			RECP: SKILLS LAB 214 FLOORBOX	1	20	18
19	20	1	RECP: SKILLS LAB 214		800			A		800			RECP: SKILLS LAB 214 FLOORBOX	1	20	20
21	20	1	RECP: SKILLS LAB HEADWALL		600			B		800			RECP: SKILLS LAB 214	1	20	22
23	20	1	RECP: SKILLS LAB 214		800			C		600			RECP: SKILLS LAB MEDSTATION	1	20	24
25	20	1	RECP: SKILLS LAB HEADWALL		600			A		1000			RECP: SKILLS LAB WORKSTATION	1	20	26
27	20	1	RECP: SKILLS LAB 214		800			B		600			RECP: SKILLS LAB 214 COUNTER	1	20	28
29	20	1	RECP: SKILLS LAB HEADWALL		600			C		600			RECP: SKILLS LAB 214 COUNTER	1	20	30
31	20	1	RECP: SKILLS LAB 214		800			A		600			RECP: SIM LAB 209 COUNTER	1	20	32
33	20	1	RECP: SKILLS LAB HEADWALL		600			B		800			RECP: SIM LAB 209	1	20	34
35	20	1	RECP: SKILLS LAB 214		800			C		600			RECP: SIM LAB HEADWALL	1	20	36
37	20	1	RECP: SKILLS LAB HEADWALL		600			A			2400		MECH: CU-119	2	35	38
39	20	1	RECP: SKILLS LAB 214		800			B			2400		-	-	-	40
41	20	1	RECP: SKILLS LAB HEADWALL		600			C		300			RECP: FIRE SMOKE DAMPER	1	20	42
43	35	2	MECH: CU-S2			2400		A			1500		MECH: VAV-210	1	20	44
45	-	-	-			2400		B			1500		MECH: VAV-211	1	20	46
47	20	2	MECH: VAV-209			1000		C			1500		MECH: VAV-213	1	20	48
49	-	-	-			1000		A			1000		MECH: VAV-212	2	20	50
51	20	1	RECP: PYXIS		1000			B			1000		-	-	-	52
53	20	1	RECP: MECH CONTROL XFMRS		600			C				1000	SPARE	1	20	54
55	20	1	SPARE				1000	A				1000	SPARE	1	20	56
57	20	1	SPARE				1000	B				1000	SPARE	1	20	58
59	20	1	SPARE				1000	C				1000	SPARE	1	20	60
61	20	1	SPARE				1000	A				1000	SPARE	1	20	62
63	20	1	SPARE				1000	B					SPACE			64
65			SPACE					C					SPACE			66
67			SPACE					A					SPACE			68
69			SPACE					B					SPACE			70
71			SPACE					C					SPACE			72
			CONNECTED LOAD	-	17000	6800	5000		-	12900	11300	5000	CONNECTED LOAD			
			% DF	100	67	80	50		100	67	80	50	%DF			
			EMD	-	11343	5440	2500		-	8607	9040	2500	EMD			
			EMD X 1.25 =	39430 X 1.25 = 137 Amps					MAIN BREAKER SIZE: 200 A							
			SYS. VOLT.	208 X 1.73												

PANEL SCHEDULE NOTES

KEY NOTE	DESCRIPTION
1	PROVIDE GFI BREAKER OF THE AMPERAGE/POLES INDICATED.

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STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRENTON DAVID JONES — 8-31-24

#	DATE	DESCRIPTION
REVISIONS HISTORY		

ISSUE FOR REVIEW:

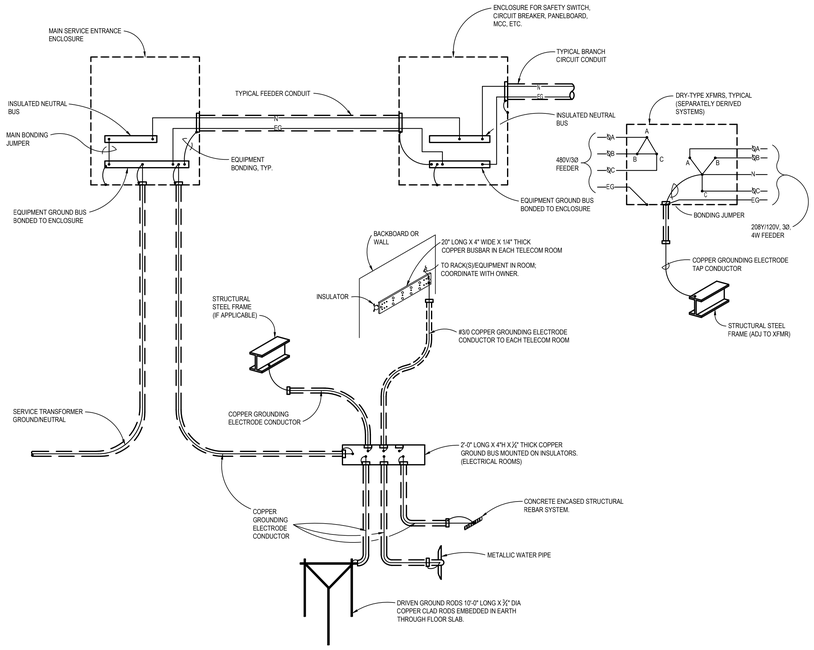
ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Electrical Schedules

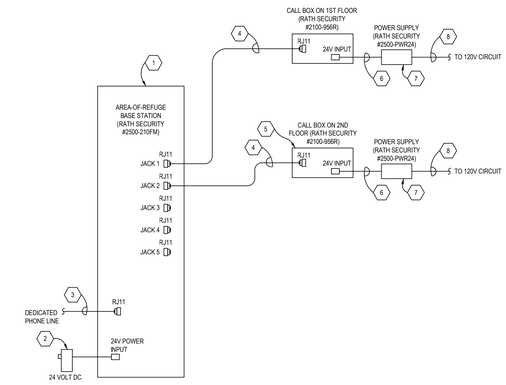
E4.03



1 GROUND CONNECTIONS DETAIL

NO SCALE

NOTE: SEE ONE LINE DIAGRAM FOR GROUNDING ELECTRODE CONDUCTOR SIZES.



2 TWO-WAY COMMUNICATION SYSTEM RISER DIAGRAM

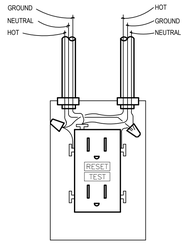
NO SCALE

TWO-WAY COMMUNICATION SYSTEM RISER DIAGRAM DETAIL NOTES:

1. RATH SECURITY BASE STATION, CATALOG NUMBER: 2500-206B. INSTALL AT THE LOCATION INDICATED ON THE POWER AND AUXILIARY SYSTEMS PLAN.
2. BASE STATION WITH A 24VAC/DC TO 120V POWER TRANSFORMER FOR CONNECTION TO A DEDICATED RECEPTACLE. CONNECT TO THE RECEPTACLE SHOWN NEXT TO THE BASE STATION ON THE POWER AND AUXILIARY SYSTEMS PLAN.
3. CONTRACTOR TO PROVIDE A DEDICATED PHONE LINE TO THE BASE STATION. PROVIDE A RATH IP INTERFACE AS REQUIRED FOR INTERCONNECTION TO OWNER'S IP NETWORK. COORDINATE EXACT CONNECTION FROM THE BASE STATION TO THE IP INTERFACE/PHONE SWITCH/210 BLOCKS WITH THE OWNER AND THE TELECOM CONTRACTOR (IF APPLICABLE), FOR A COMPLETE AND FUNCTIONAL CODE REQUIRED SYSTEM.
4. CONTRACTOR TO ROUTE A 4 PAIR CATEGORY 5E CABLE BETWEEN THE BASE STATION AND THE CALL BOX LOCATION AS INDICATED ON THE POWER AND AUXILIARY SYSTEMS PLANS. ONLY TWO PAIR WILL BE UTILIZED FOR CONNECTION TO THE RJ11 JACK PORTS AT EACH LOCATION. TERMINATE ON RJ11 JACKS AT BOTH ENDS.
5. RATH SECURITY CALL BOX, CATALOG NUMBER: 2100-956R. INSTALL AT THE LOCATION INDICATED ON THE POWER AND AUXILIARY SYSTEMS PLAN.
6. CONTRACTOR TO ROUTE A 1 PAIR 18AWG WIRE BETWEEN THE CALL BOX AND THE POWER SUPPLY. TERMINATE AT BOTH LOCATIONS AS REQUIRED BY THE MANUFACTURER.
7. RATH SECURITY POWER SUPPLY, CATALOG NUMBER: 2500-PWR24. INSTALL ONE POWER SUPPLY FOR EACH CALL BOX AS INDICATED ON THE POWER AND AUXILIARY SYSTEMS PLAN.
8. CONNECT THE POWER SUPPLY TO THE INDICATED CIRCUIT AS SHOWN ON THE POWER AND AUXILIARY SYSTEMS PLAN.

GENERAL TWO-WAY COMMUNICATION SYSTEM NOTES:

1. TWO-WAY COMMUNICATION SYSTEM SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY COMPONENTS AND CONNECTIONS FOR A FULLY FUNCTIONING CODE COMPLIANT SYSTEM.
2. ALL CABLING SHALL BE SUPPORTED PER OWNER'S TELECOMMUNICATIONS CABLING REQUIREMENTS.
3. RISER DIAGRAM IS FOR REFERENCE ONLY. ALL CABLE AND EQUIPMENT SHALL BE PROVIDED AS REQUIRED FOR A COMPLETE, OPERATIONAL SYSTEM.
4. ANY SIGNAGE LOCATED AT CALLBOXES SHALL BE ENTITLED "RESCUE ASSISTANCE STATION".

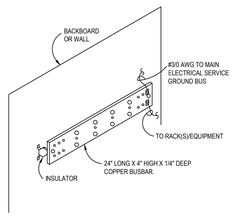


3 GFI RECEPTACLE WIRING DIAGRAM

NO SCALE

GFI RECEPTACLE WIRING DIAGRAM DETAIL NOTES:

1. WIRE GFI DEVICE SUCH THAT THE DOWNSTREAM DEVICES ARE NOT AFFECTED BY GROUND FAULT INTERRUPTION. IE. NON FEED THRU. EACH GFI DEVICE SHALL BE SELF PROTECTING ONLY.



4 GROUNDING BUSBAR DETAIL

NO SCALE

GROUNDING BUSBAR DETAIL NOTES:

1. GROUND BUSBARS SHALL BE MOUNTED 24" AFF UNLESS OTHERWISE INDICATED.
2. BUSBAR SHALL BE MOUNTED ON INSULATORS FASTENED TO WALL.

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UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — PRESTON DAVID ADAMS — 8-31-24

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

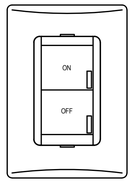
ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Electrical Details

E5.01

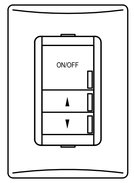


1 LOW VOLTAGE LIGHT SWITCH 'N' DETAIL

NO SCALE

LOW VOLTAGE LIGHT SWITCH 'N' DETAIL NOTES:

1. SEE LIGHTING PLANS FOR SWITCH GROUPS.
2. LABEL EACH BUTTON. COORDINATE EXACT LABELS WITH OWNER.
3. SEE THE LOW VOLTAGE SWITCH SCHEDULE FOR ADDITIONAL INFORMATION.

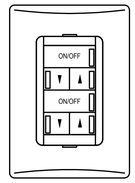


2 LOW VOLTAGE LIGHT SWITCH 'ND' DETAIL

NO SCALE

LOW VOLTAGE LIGHT SWITCH 'ND' DETAIL NOTES:

1. SEE LIGHTING PLANS FOR SWITCH GROUPS.
2. LABEL EACH BUTTON. COORDINATE EXACT LABELS WITH OWNER.
3. SEE THE LOW VOLTAGE SWITCH SCHEDULE FOR ADDITIONAL INFORMATION.

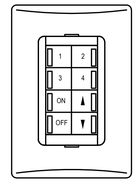


3 LOW VOLTAGE LIGHT SWITCH 'ND2' DETAIL

NO SCALE

LOW VOLTAGE LIGHT SWITCH 'ND2' DETAIL NOTES:

1. SEE LIGHTING PLANS FOR SWITCH GROUPS.
2. LABEL EACH BUTTON. COORDINATE EXACT LABELS WITH OWNER.
3. SEE THE LOW VOLTAGE SWITCH SCHEDULE FOR ADDITIONAL INFORMATION.

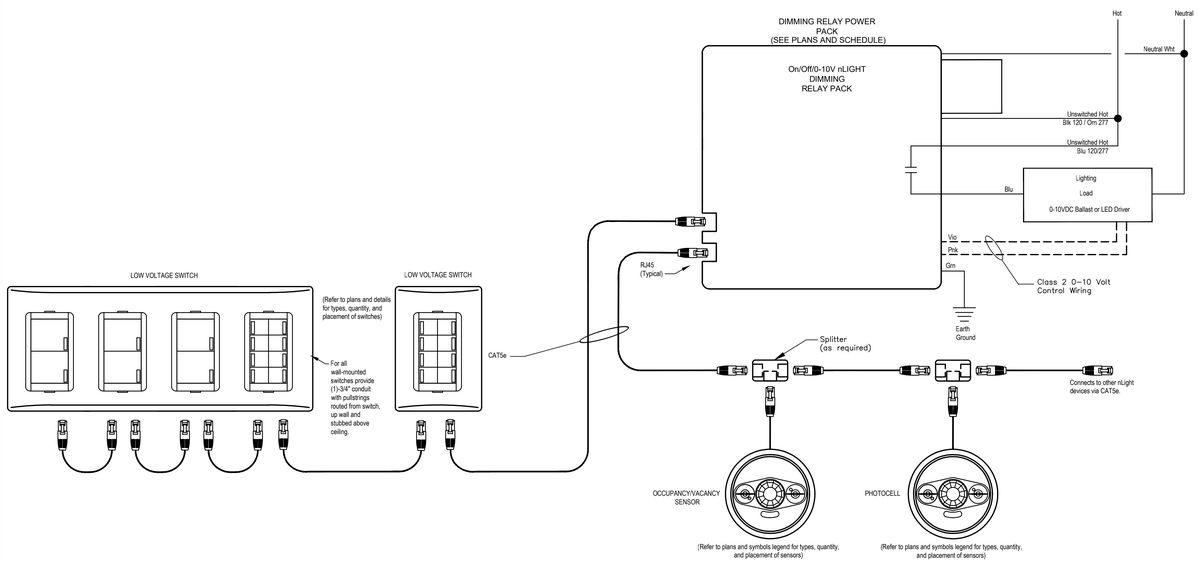


4 LOW VOLTAGE LIGHT SWITCH 'ND4' DETAIL

NO SCALE

LOW VOLTAGE LIGHT SWITCH 'ND4' DETAIL NOTES:

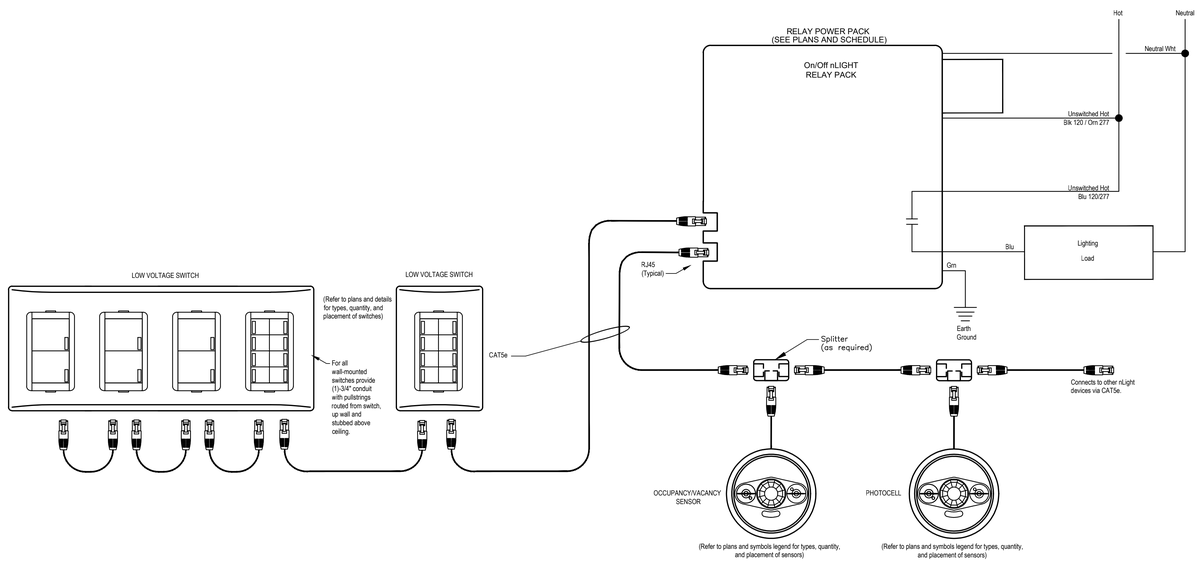
1. SEE LIGHTING PLANS FOR SWITCH GROUPS.
2. LABEL EACH BUTTON. COORDINATE EXACT LABELS WITH OWNER.
3. SEE THE LOW VOLTAGE SWITCH SCHEDULE FOR ADDITIONAL INFORMATION.



5 DIMMING/ON/OFF RELAY/LOAD LIGHTING CONTROL SYSTEM WIRING DIAGRAM

NO SCALE

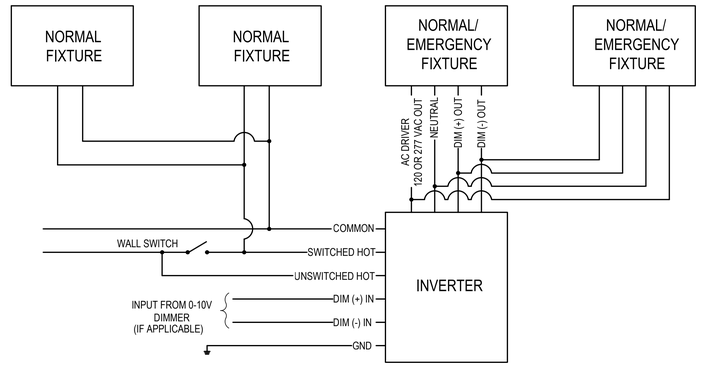
NOTE: PROVIDE ALL NECESSARY CONNECTIONS AND DEVICES FOR COMMUNICATING OCCUPIED/UNOCCUPIED SIGNALS WITH MECHANICAL SYSTEMS. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR.



6 ON/OFF RELAY/LOAD LIGHTING CONTROL SYSTEM WIRING DIAGRAM

NO SCALE

NOTE: PROVIDE ALL NECESSARY CONNECTIONS AND DEVICES FOR COMMUNICATING OCCUPIED/UNOCCUPIED SIGNALS WITH MECHANICAL SYSTEMS. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR.



7 LIGHTING INVERTER WIRING DIAGRAM

NO SCALE

LIGHTING INVERTER WIRING DIAGRAM NOTES:

1. THE ABOVE DETAIL IS BASED OFF OF BODINE ELI SERIES INVERTERS AND IS FOR REFERENCE ONLY. WIRING DIAGRAMS SHALL BE OBTAINED FROM THE INVERTER MANUFACTURER PRIOR TO INSTALLATION.
2. SEE THE LIGHTING PLANS FOR ADDITIONAL INFORMATION.

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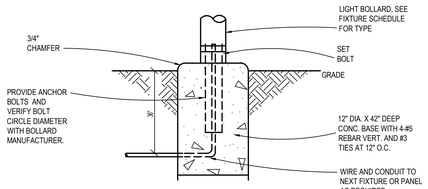
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UAPB HEALTH & ALLIED SCIENCES BUILDING
UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 18928
BRENTON DAVID JONES
8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		Electrical Details

E5.02

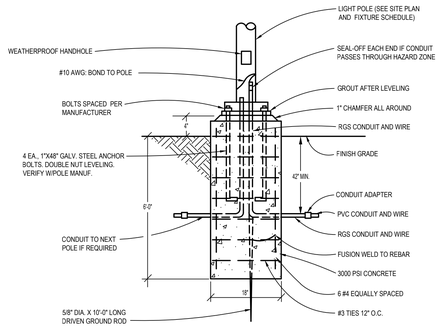


1 BOLLARD BASE DETAIL

NO SCALE

BASE DETAIL NOTES:

1. FULLY COORDINATE INSTALLATION DETAILS WITH BOLLARD MANUFACTURER.

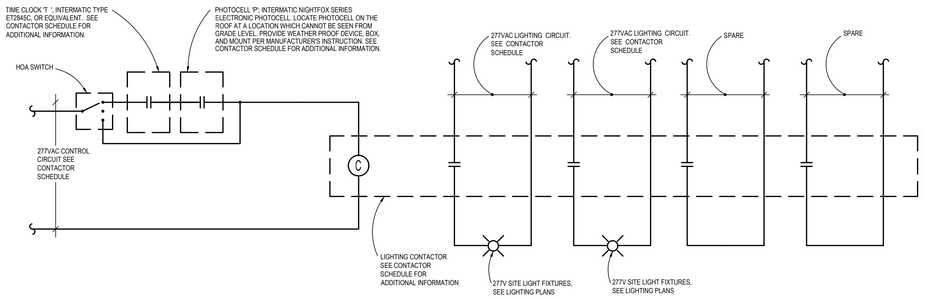


2 PEDESTRIAN SCALE POLE BASE DETAIL

NO SCALE

POLE BASE DETAIL NOTES:

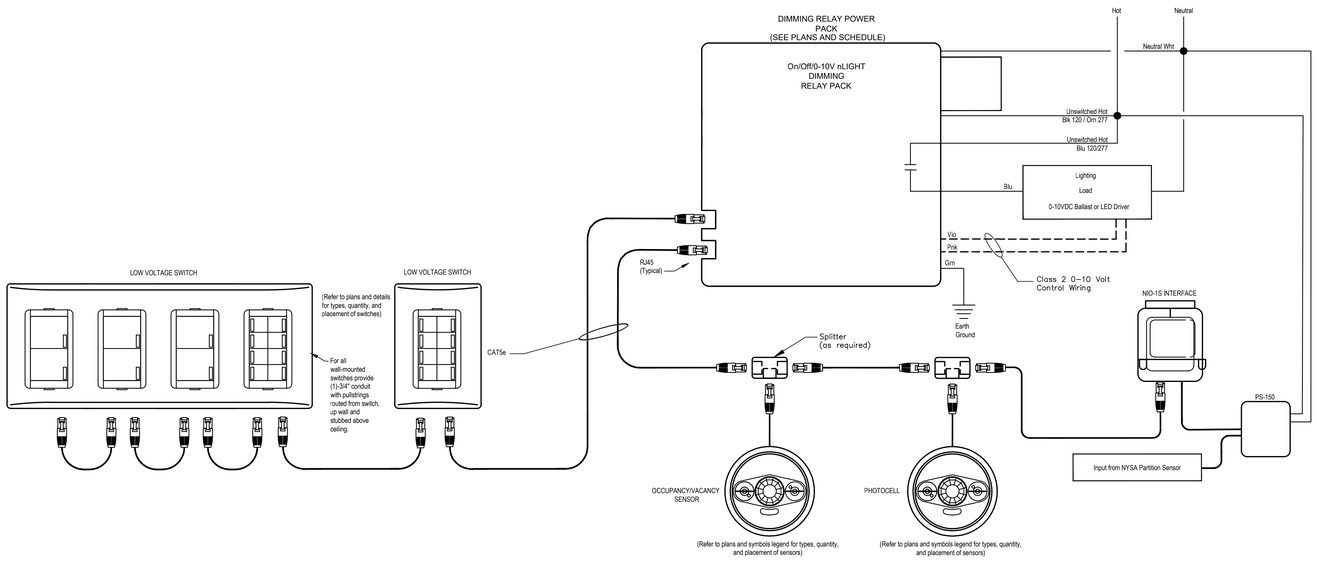
1. FULLY COORDINATE INSTALLATION DETAILS WITH POLE MANUFACTURER.



3 EXTERIOR LIGHTING CONTROL DIAGRAM

NO SCALE

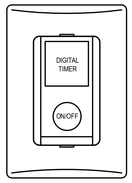
CONTACTOR SCHEDULE									
DESIGNATION	LOCATION	SERVES	CIRCUITS	NO. OF POLES	CONTACT RATING	COIL VOLTAGE	CONTROL CIRCUIT	CONTROLLED BY	REMARKS
C-1	MECH/ELEC 118	EXTERIOR LIGHTING	1H1-5 1H1-6	4	30A	277V	1H1-6	PHOTOCELL AND TIMECLOCK	PROVIDE MECHANICALLY HELD CONTACTOR RATED FOR CONTINUOUS DUTY OPERATION. SEE EXTERIOR LIGHTING CONTROL DIAGRAM FOR ADDITIONAL INFORMATION.



4 DIMMING/ON/OFF RELAY/LOAD LIGHTING CONTROL SYSTEM WIRING DIAGRAM WITH PARTITION SENSOR

NO SCALE

NOTE: PROVIDE ALL NECESSARY CONNECTIONS AND DEVICES FOR COMMUNICATING OCCUPIED/UNOCCUPIED SIGNALS WITH MECHANICAL SYSTEMS. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR.

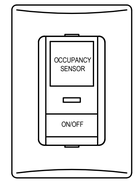


5 LOW VOLTAGE TIMER SWITCH 'T' DETAIL

NO SCALE

LOW VOLTAGE LIGHT SWITCH 'T' DETAIL NOTES:

1. SEE LIGHTING PLANS FOR SWITCH GROUPS.
2. SEE THE LOW VOLTAGE SWITCH SCHEDULE FOR ADDITIONAL INFORMATION.

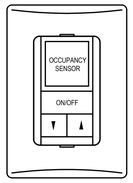


6 LOW VOLTAGE LIGHT SWITCH 'O' DETAIL

NO SCALE

LOW VOLTAGE LIGHT SWITCH 'O' DETAIL NOTES:

1. SEE LIGHTING PLANS FOR SWITCH GROUPS.
2. SEE THE LOW VOLTAGE SWITCH SCHEDULE FOR ADDITIONAL INFORMATION.



7 LOW VOLTAGE LIGHT SWITCH 'OD' DETAIL

NO SCALE

LOW VOLTAGE LIGHT SWITCH 'OD' DETAIL NOTES:

1. SEE LIGHTING PLANS FOR SWITCH GROUPS.
2. SEE THE LOW VOLTAGE SWITCH SCHEDULE FOR ADDITIONAL INFORMATION.

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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 18928 BRADLEY DAVID DAVIS 8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
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ISSUE FOR CONSTRUCTION:		

DATE: 08/31/2026

TITLE: Electrical Details

E5.03

AUDIOVISUAL, TELECOM, SECURITY & FIRE ALARM SYSTEMS SYMBOLS LEGEND

GENERAL SYMBOLS

# T-000 RISER	CONDUIT RISER DETAIL # / SHEET #
1 T0.00 1	ELEVATION SYMBOL DETAIL # / SHEET #

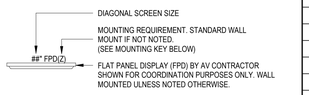
TECHNOLOGY J-BOX SYMBOLS

	TELECOM WALL OUTLET
J	JUNCTION WALL BOX
	FLOOR BOX / FLOOR POKE THRU DEVICE / FLOOR CONDUIT STUB
J	JUNCTION CEILING BOX
	TELECOM CEILING BOX

AUDIOVISUAL SYMBOLS

CS #	CEILING LOUDSPEAKER BY AV CONTRACTOR - SHOWN FOR COORDINATION PURPOSES ONLY. EXACT LOCATION TO BE COORDINATED WITH AV CONTRACTOR AND AV DESIGNER. SUBSCRIPT NUMBER DESIGNATES THE SPEAKER ZONE. PROVIDE DOUBLE GANG BOX W/ FLAT COVER ABOVE CEILING.
CC	CEILING AV CAMERA (CC) BY AV CONTRACTOR - SHOWN FOR COORDINATION PURPOSES ONLY. EXACT LOCATION TO BE COORDINATED WITH AV CONTRACTOR AND AV DESIGNER. PROVIDE DOUBLE GANG BOX W/ FLAT COVER ABOVE CEILING.
CM	CEILING MICROPHONE BY AV CONTRACTOR - SHOWN FOR COORDINATION PURPOSES ONLY. EXACT LOCATION TO BE COORDINATED WITH AV CONTRACTOR AND AV DESIGNER. PROVIDE DOUBLE GANG BOX W/ FLAT COVER ABOVE CEILING.

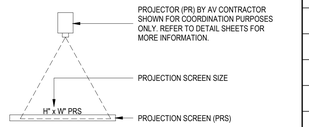
AUDIOVISUAL SYMBOLS



MOUNTING KEY:
FPD(C) - CEILING MOUNT
FPD(F) - FURNITURE MOUNT
FPD(P) - PORTRAIT ORIENTED WALL MOUNT

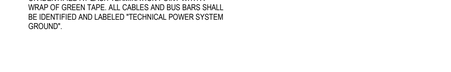


EQUIPMENT RACK BY AV CONTRACTOR SHOWN FOR COORDINATION PURPOSES ONLY.



REFER TO THE PROJECTION SCREEN SCUEDULE FOR MORE INFORMATION.

JUNCTION/TELECOM BOX KEY



SECURITY DEVICE SYMBOLS

ACP	ACCESS CONTROL PANEL
BP	CODE BLUE PHONE
SM	SURVEILLANCE MONITOR AND OUTLET
CR	SECURITY SYSTEM CARD READER AND OUTLET BOX
RO	SECURITY SYSTEM CARD READER - ROUGH IN ONLY
DC	DOOR CONTACT
EL	ELECTRIC DOOR LOCK
ICM	INTERCOM - MASTER
ICV	INTERCOM W / VIDEO
MAG	MAGNETIC DOOR LOCK
PB	PANIC BUTTON
REX	REQUEST TO EXIT PIR SENSOR

SECURITY CAMERA SYMBOLS

	FIXED CAMERA
	PTZ CAMERA
	90° DUO CAMERA
	180° DUO CAMERA
	180° CAMERA
	270° CAMERA
	360° CAMERA
	360° PTZ CAMERA

SECURITY SYMBOL KEY



FIRE ALARM SYMBOLS

F	FIRE ALARM MANUAL PULL STATION
F	FIRE ALARM BELL
F	FIRE ALARM COMBINATION BELL AND FLASHING LIGHT
F	MAGNETIC DOOR HOLD OPEN DEVICE
F 15"	FIRE ALARM HORN/STROBE UNIT (*FIELD ADJUSTABLE TO INDICATED CANDELA RATING)
P 15"	FIRE ALARM FLASHING STROBE LIGHT (*FIELD ADJUSTABLE TO INDICATED CANDELA RATING) - WALL MOUNT
P 15"	FIRE ALARM FLASHING STROBE LIGHT (*FIELD ADJUSTABLE TO INDICATED CANDELA RATING) - CEILING MOUNT
F VP	POST SUPERVISORY VALVE CONTACTS
F VS	SUPERVISORY VALVE CONTACTS
R	FIRE ALARM RELAY
FS	WATER FLOW SWITCH. COORDINATE EXACT LOCATION WITH FIRE PROTECTION SUPPLIER INSTALLER.
TS	TAMPER SWITCH. COORDINATE EXACT LOCATION WITH FIRE PROTECTION SUPPLIER INSTALLER.
	SMOKE DETECTOR
H	HEAT DETECTOR - COMBINATION RATE OF RISE AND FIXED TEMPERATURE
D	DUCT SMOKE DETECTOR
R	ELEVATOR RECALL SMOKE DETECTOR
FACP	FIRE ALARM CONTROL PANEL
FAA	FIRE ALARM ANNUNCIATOR PANEL
FASP	FIRE ALARM SUPPLY PANEL

MISC. LOW-VOLTAGE SYMBOLS

C	CLOCK AND CLOCK HANGER OUTLET
EC	ELAPSED TIME INDICATOR CLOCK
CMC	CLOCK MASTER CONTROL
CS	CLOCK SYSTEM SIGNAL GENERATOR
S	INTERCOM/PUBLIC ADDRESS SPEAKER - SURFACE MOUNTED
S	INTERCOM/PUBLIC ADDRESS SPEAKER - WALL MOUNTED
S	INTERCOM/PUBLIC ADDRESS SPEAKER - RECESSED
PA	PUBLIC ADDRESS TRUMPET

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISH GRADE
C	SUBSCRIPT 'C' ADJACENT TO ANY DEVICE INDICATES CEILING.
(E)	SUBSCRIPT 'E' ADJACENT TO ANY DEVICE INDICATES EXISTING.
FRT	FIRE RETARDANT TREATED
(R)	SUBSCRIPT 'R' ADJACENT TO ANY DEVICE INDICATES THE RELOCATED POSITION OF AN EXISTING DEVICE.
RO	ROUGH IN ONLY
SB	SOUNDBAR
SBVC	SOUNDBAR WITH VIDEO CONFERENCING
QTY	QUANTITY
WP	WEATHER PROOF

NURSE CALL SYMBOLS

NP	NURSE CALL SINGLE BED STATION WITH PILLOW SPEAKER AND CALL CORD (2P INDICATES DUAL PATIENT STATION)
NS	NURSE CALL STAFF EMERGENCY STATION
NCB	NURSE CALL CODE BLUE STATION
NT	NURSE CALL STATION (WATER RESISTANT IN WET AREAS)
NC	NURSE CALL MASTER - WALL MOUNTED
NC	NURSE CALL MASTER DESK TYPE
ND	NURSE CALL DUTY STATION
	NURSE CALL CORRIDOR DOME LIGHT - (WALL MOUNTED)
	NURSE CALL CORRIDOR DOME LIGHT - (CEILING MOUNTED)
T	NURSE CALL TRACER SENSOR

PROJECT GENERAL TECHNOLOGY, & FIRE ALARM SYSTEMS NOTES

GENERAL TECHNOLOGY NOTES:

SPECIFICATIONS:
THESE DRAWINGS MUST BE USED IN CONJUNCTION WITH DIVISION 27 SPECIFICATIONS.

DRAWINGS:
NOTIFY THE DESIGNER OF ANY DISCREPANCIES BETWEEN THESE CONTRACT DRAWINGS AND FIELD CONDITIONS.

INSTALLATION:
INSTALL ALL COMPONENTS AS PER MANUFACTURERS RECOMMENDATIONS AND PER ALL APPLICABLE CODES.

SUBSTITUTIONS:
THE MAKE AND MODEL OF LOW VOLTAGE INFRASTRUCTURE DEVICES IN THE TECHNOLOGY LEGENDS HAVE BEEN LISTED TO ESTABLISH THE DESIRED LEVEL OF QUALITY AND PERFORMANCE FOR EACH DEVICE. UNLESS OTHERWISE INDICATED, THE INSTALLING CONTRACTOR MAY SUBSTITUTE THESE DEVICES WITH EQUIVALENT APPROVED PRODUCT BY OTHER MANUFACTURERS.

DEVICE MOUNTING:
DEVICE SPECIFIED MOUNTING ELEVATIONS ARE "ON CENTER" UNLESS OTHERWISE NOTED. ALL DEVICE HEIGHTS SHALL COMPLY WITH ANSI 117.1 CHAPTER 3, SECTION 307, PROTRUDING OBJECTS AND CHAPTER 3, SECTION 308, REACH RANGES. IF ANY DEVICE OR BOX SPECIFIED WITHIN IS FOUND TO BE IN CONFLICT WITH ABOVE SECTIONS A CONFIRMING RFI SHOULD BE PLACED PRIOR TO RELOCATING.

FLOOR BOX, JUNCTION BOX, AND PULL BOX COVERS:
UNLESS OTHERWISE DIRECTED, ALL FLOOR BOXES, JUNCTION BOXES, AND PULL BOXES MUST BE PROVIDED WITH A COVER. WHERE SINGLE OR MULTI-DEVICE RAISED DEVICE COVERS ARE SPECIFIED IN THE SCHEDULE, MATCH THE RAISED COVER DEPTH TO THE WALL THICKNESS. PROVIDE ALL FLOOR BOXES, JUNCTION BOXES, AND PULL BOXES WITH APPROPRIATE KNOCKOUTS TO MATCH CONDUIT REQUIREMENTS. WHERE JUNCTION BOXES AND PULL BOXES ARE MOUNTED AT OR ABOVE FINISHED CEILING HEIGHT, INSTALL BOXES WITH OPEN SIDE FACING DOWN.

FIRE STOPPING:
THE FIRE STOP SYSTEM SHALL COMPLY WITH THE IBC, NEC AND WITH NFPA 101-LIFE SAFETY CODE (LATEST EDITION) AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE LOCAL INSPECTION AUTHORITIES PRIOR TO CABLE SYSTEM ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING
THE FIRE RATING OF ALL WALLS AND FLOORS HAVING PENETRATIONS. COORDINATE SEALANT INSTALLATION WITH WORK OF OTHER TRADES. REFERTO GENERAL AND / OR ELECTRICAL SPECIFICATION SECTIONS FOR FURTHER MATERIAL AND INSTALLATION PARAMETERS.

GROUNDING:
GROUND COMMUNICATIONS SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH THE ANSI/TIA-607-C GROUNDING STANDARD AND APPLICABLE NEC REQUIREMENTS EXCEPT WHERE THE DRAWINGS OR SPECIFICATIONS EXCEED NEC REQUIREMENTS. ALL RACKS, METALLIC BACKBOARDS, CABLE SHEATHS, METALLIC STRENGTH MEMBERS, SPLICE CASES, CABLE TRAYS, ETC. ENTERING OR RESIDING IN TECHNICAL EQUIPMENT SPACES SHALL BE GROUNDED TO THEIR RESPECTIVE GROUND SYSTEM USING A MINIMUM #6 AWG STRANDED COPPER BONDING CONDUCTOR AND COMPRESSION CONNECTORS. ALL WIRES
USED FOR TECHNICAL POWER SYSTEMS GROUNDING PURPOSES SHALL BE IDENTIFIED WITH GREEN INSULATION OR IDENTIFIED AT EACH TERMINATION POINT WITH A WRAP OF GREEN TAPE. ALL CABLES AND BUS BARS SHALL BE IDENTIFIED AND LABELED "TECHNICAL POWER SYSTEM GROUND".

GENERAL FIRE ALARM SYSTEM NOTES:

1. PROVIDE A NEW CODE COMPLIANT FIRE ALARM SYSTEM. REFER TO THE ELECTRICAL POWER AND AUXILIARY SYSTEMS PLAN AND THE SPECIFICATION FOR ADDITIONAL DETAILS. PROVIDE ALL NECESSARY DEVICES, NEW EQUIPMENT, WIRE, CONDUIT, PROGRAMMING AND CONNECTIONS TO ENSURE A COMPLETE, CODE COMPLIANT FIRE ALARM SYSTEM INSTALLATION.
2. INSTALL ALL FIRE ALARM SYSTEM WORK IN CONDUIT.
3. FULLY COORDINATE ALL FIRE ALARM SYSTEM DETAILS WITH THE MECHANICAL AND CONTROLS CONTRACTORS. PROVIDE NECESSARY CONNECTIONS TO AIR HANDLING UNIT CONTROLS TO ALLOW FOR SHUTDOWN OF APPROPRIATE AIR HANDLING EQUIPMENT UPON ALARM CONDITIONS.
4. PROVIDE ALL NECESSARY DUCT SMOKE DETECTORS AS REQUIRED, PROVIDE ALL NECESSARY CONNECTIONS AND POWER SUPPLY CIRCUITS (FED FROM THE NEAREST PANELBOARD OF APPROPRIATE VOLTAGE AND SOURCE) TO SMOKE DAMPERS AND SMOKE/FIRE DAMPERS SO THAT UPON FIRE ALARM CONDITIONS OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPERS CLOSE. COORDINATE DAMPER AND CONTROL LOCATIONS WITH THE MECHANICAL AND CONTROLS CONTRACTORS. REFER TO THE MECHANICAL DRAWINGS.
5. SEAL AROUND ALL CONDUIT AND CABLE PENETRATIONS THROUGH FIRE AND/OR SMOKE RATED WALLS, CEILINGS, AND FLOORS TO ENSURE THAT CODE REQUIRED RATINGS ARE MAINTAINED.
6. STUB 2-1" EMPTY CONDUITS, INTO CEILING SPACE ABOVE PANEL AND BUSH CONDUIT ENDS.
7. PROVIDE NECESSARY CONNECTIONS TO ELEVATOR EQUIPMENT TO ALLOW FOR CODE REQUIRED ELEVATOR RECALL FUNCTION. FULLY COORDINATE ALL REQUIREMENTS WITH THE ELEVATOR SUPPLIER/INSTALLER.
8. ALL FIRE ALARM WIRING SHALL BE INSTALLED, TESTED AND CERTIFIED PER NFPA 72 AND NFPA 70, ARTICLE 760.
9. FIRE ALARM SHOP DRAWINGS SHALL INCLUDE ALL CALCULATIONS, WIRING DIAGRAMS, FIRE ALARM CIRCUITING, UPDATED FLOOR PLANS SHOWING DEVICE TYPE AND LOCATIONS, SYSTEMDEVICE CUTSHEETS, AND ALL OTHER NECESSARY DETAILS IN ORDER TO VERIFY A CODE COMPLIANT DESIGN AND INSTALLATION IS PROVIDED BY THE FIRE ALARM CONTRACTOR. THIS SHALL INCLUDE STAMPED APPROVAL BY THE AUTHORITY HAVING JURISDICTION. SUBMIT ALL NECESSARY INFORMATION AND DRAWINGS TO THE AHJ AS REQUIRED.
10. PROVIDE AS-BUILT DRAWINGS WITH UPDATED CONDITIONS BASED ON ACTUAL INSTALLATION CONDITION. SUBMIT PDF AND AUTOCAD FILES FOR AS-BUILT DRAWINGS.

PROJECT GENERAL SECURITY NOTES

GENERAL NOTES:

1. THESE DRAWINGS MUST BE USED IN CONJUNCTION WITH THE SECURITY SYSTEM AND ELECTRICAL SPECIFICATIONS.
2. FURNISH AND INSTALL FIRE STOP TO ALL SLAB AND WALL PENETRATIONS PROVIDED FOR THE INSTALLATION OF SECURITY CABLE AS REQUIRED TO MAINTAIN FIRE RATING OF SLAB OR WALL.
3. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THESE CONTRACT DRAWINGS AND FIELD CONDITIONS.
4. INSTALL ALL COMPONENTS AS PER MANUFACTURERS RECOMMENDATIONS AND PER ALL APPLICABLE CODES.
5. INDICATE ALL MOUNTING REQUIREMENTS IN THE LEGEND UNLESS OTHERWISE NOTED.
6. VERIFY AND COORDINATE THE EXACT MOUNTING LOCATION OF ALL DEVICES PRIOR TO INSTALLATION.
7. THE MOUNTING HEIGHTS ARE TO THE CENTERLINE OF THE DEVICE UNLESS OTHERWISE NOTED.
8. RESTORE CEILINGS AND WALLS AND ANY OTHER SURFACES AFFECTED BY THIS WORK WITH LIKE MATERIALS TO MATCH EXISTING CONSTRUCTION UPON COMPLETION OF THE SECURITY WORK.

ELECTRICAL COORDINATION:

1. COORDINATE WALL BOX LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL AND ELECTRICAL DRAWINGS.
2. COORDINATE WITH ELECTRICAL DRAWINGS FOR LOCATION OF ALL SECURITY EQUIPMENT.

CABLE:

1. FURNISH AND INSTALL EACH CABLE SET INDICATED BY THE SYMBOLS LIST FROM THE OUTLET LOCATION BACK TO THE IDF/MDF.
2. ALL CABLES SHALL BE PLENUM RATED WHERE REQUIRED.
3. WIRE SHEATH SHALL BE MAINTAINED TO FINAL TERMINATION. ALL TERMINATIONS SHALL MAINTAIN TWIST OF INDIVIDUAL PAIRS TO WITHIN 0.5" OR LESS OF FINAL TERMINATION.

LABELING:

1. PROVIDE IDENTIFICATION LABELS FOR ALL TELECOM CABLES AT BOTH ENDS.
2. PROVIDE DESIGNATION LABELS FOR ALL TERMINATION BLOCKS, PATCH PANELS, AND WORKSTATION OUTLET FACEPLATES.
3. PRIOR TO SYSTEM ACCEPTANCE, SUBMIT A LABEL REPORT LISTING THE ROOM NUMBERS AND CABLE LENGTHS FOR EACH OF THE INSTALLED CABLES.
4. PROVIDE WHITE LABEL WITH TYPEWRITTEN LEGIBLE CHARACTERS PRINTED WITH NON-SMEAR TYPE INK. HANDWRITTEN LABELS ARE NOT PERMITTED. PROVIDE LABELS FOR CABLES WITH PROTECTIVE WRAP AROUND PLASTIC TRANSPARENT COVER WHICH WILL SERVE TO PROTECT THE INK FROM SMEARING AND SECURE THE LABEL TO THE CABLE. PROVIDE LABELS FOR CABLES WIDE ENOUGH FOR 24 CHARACTERS IN A SINGLE ROW.
5. ALL WIRES SHALL BE LABELED WITHIN 6.5" OF FINAL TERMINATION.

CONDUIT:

1. COORDINATE CONDUIT AND LADDER RACK FOR SECURITY WIRING TO MAINTAIN A MINIMUM OF 5" SEPARATION FROM LIGHTING FIXTURES.
2. COORDINATE INSTALLATION OF CONDUITS AND CABLE BASKETS WITH OTHER COMPONENTS INSTALLED WITHIN THE CEILING. PREPARE ALL SHOP DRAWINGS TO DEMONSTRATE AND ENSURE PROPER INSTALLATION OF ALL COMPONENTS.
3. MAINTAIN MINIMUM BEND RADIUS OF 10 X O.D. FOR SECURITY CONDUITS EQUAL TO OR LESS THAN 2" DIAMETER.
4. PROVIDE PULL BOXES, ELBOWS IN LIEU OF A BEND.
5. REAM AND BUSH THE ENDS OF ALL CONDUITS.
6. PROVIDE AND LEAVE IN PLACE A PULL STRING IN EACH CONDUIT. PULL STRINGS SHALL ALSO BE INSTALLED IN ALL SPARE/EMPTY CONDUITS.
7. STUB UP CONDUIT SLEEVES THROUGH SLABS 6" ABOVE FINISHED FLOORS.
8. PROVIDE HANGERS, ANCHORS, MOUNTING HARDWARE, GROUND LUGS, AND STRAPS AS REQUIRED TO ENSURE PROPER INSTALLATION OF PATHWAY COMPONENTS.
9. PROVIDE ALL LADDER RACK AND CABLE BASKET LOCATIONS: RUNWAY, DROP-OFFS, SPICE HARDWARE, GROUND STRAPS, THERMAL EXPANSION PLATES, TERMINATION KITS, END SUPPORT KITS, AND CEILING SUPPORT HARDWARE.
10. WHERE CABLE IS RUN ABOVE NON-ACCESSIBLE (I.E., GYPSUM BOARD) CEILING CONSTRUCTION, CONDUITS, AND PULL BOXES MUST BE INSTALLED TO PROPERLY ROUTE CABLE.
11. PROVIDE J-HOOKS AND CABLE STRAPS TO SUPPORT CABLE ABOVE ACCESSIBLE CEILING CONSTRUCTION EXCEPT IN AREAS WHERE CABLE BASKET OR CONDUIT IS INDICATED ON THE DRAWINGS.
12. ALL CONDUIT SHALL BE A MINIMUM OF 1" EMT UNLESS OTHERWISE NOTED.
13. ALL CONDUIT SHALL BE ROUTED ABOVE CEILING, BELOW FLOORS, OR WITHIN WALLS IN THE FINISHED AREAS. NO CONDUIT SHALL BE EXPOSED IN THE FINISHED AREAS UNLESS APPROVED BY DESIGNER.
14. ALL CONDUITS SHALL HAVE PLASTIC BUSHINGS INSTALLED AT OPEN ENDS PRIOR TO PULLING WIRE.
15. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
16. ALL BACK BOXES MOUNTED WITHIN FIRE RATED PARTITIONS SHALL MEET THE FIRE RATING OF THE PARTITION AS REQUIRED BY CODE.
17. COORDINATE THE EXACT LOCATION OF ALL PULL BOXES WITH ARCHITECTURAL, ELECTRICAL, AND HEATING/VENTILATION DRAWINGS.
18. ALL JUNCTION AND PULL BOXES SHALL BE PROVIDED WITH ACCOMPANYING BLANK COVER PLATE.
19. JUNCTION BOXES LOCATED ABOVE DOORS WITH NO ACCESSIBLE CEILING SHALL BE SECURED WITH TAMPER PROOF SCREWS.
20. PROVIDE WATERTIGHT SEALING ASSEMBLIES WITH PRESSURE BUSHING AS REQUIRED FOR EXTERIOR PENETRATIONS.
21. JUNCTION AND PULL BOXES IN EXTERIOR LOCATIONS SHALL BE WATERPROOF.
22. JUNCTION AND PULL BOXES IN ROOM AREAS UTILIZING FM200 (SEE FIRE PROTECTION DRAWINGS) SHALL BE VAPOR TIGHT.
23. ALL CONDUIT ROUTING SHOWN IS SCHEMATIC AND DOES NOT REPRESENT INSTALLED PATHS OR DISTANCES. ACTUAL ROUTING AND BOX LOCATIONS SHALL BE FIELD VERIFIED AND COORDINATED WITH OTHER WORK OF THE CONTRACT.

CAMERAS:

1. THE CONTRACTOR SHALL PROVIDE THE MEANS FOR OPTIMUM CAMERA LOCATION, LENS SELECTION AND VIEW. THE CONTRACTOR SHALL PROVIDE A FIXED CAMERA WITH A SERIES OF VARI-FOCAL LENSES FOR THE PURPOSE OF ACQUIRING FIELD OF VIDEO AND VIDEO PICTURE FROM EACH INTENDED CAMERA LOCATION. TO SHOW VARYING FIELD OF VIEWS AND QUALITY OF CAMERA PICTURE. THE CONTRACTOR SHALL OBTAIN CONCURRENCES OF THE SELECTED CAMERA PLACEMENT, LENS SELECTION FIELD OF VIEW, AND PROVIDE IMAGES TO THE ENGINEER FOR ACCEPTED FIELD OF VIEW.
2. UPON COMPLETION OF INSTALLATION, DOCUMENT THAT THE CAMERA LOCATIONS AND LENSES CHOSEN/UTILIZED ARE AS SELECTED IN THE INITIAL PROCEDURE AND SUBMIT THE FIELD OF VIEWS PROVIDED BY THE COMPLETED INSTALLATION FOR APPROVAL BY THE DESIGNER THAT THEY ARE COMPARABLE TO THOSE OBTAINED IN THE INITIAL SELECTION PROCEDURE.

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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — PRESTON DAVID ADAMS — 8-31-24

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:
ISSUE FOR PRICING:
ISSUE FOR CONSTRUCTION:
DATE: 08/31/2026
TITLE: Low Voltage Symbols Legend & General Notes

T0.00

TECHNOLOGY JUNCTION BOX SCHEDULE

TYPE		FUNCTION	BOX DIMENSIONS			BOX DESCRIPTION	MODEL	MOUNTING INSTRUCTIONS	CONDUIT (UNO)		DETAIL REFERENCE	LEGEND NOTES
LABEL	STYLE		HEIGHT	WIDTH	DEPTH				IT	AV		
FB2	FLOOR	FLOOR BOX W / AV AND POWER	8 3/4"	6 1/8"	4 1/16"	FLOOR BOX	FSR FL-200P-4	FLUSH WITH FINISHED FLOOR	1"	1-1/4"	1/T7.11	A
FB3	FLOOR	FLOOR BOX W / AV TELECOM AND POWER	12 3/16"	10"	4 1/16"	FLOOR BOX	FSR FL-500P-4-B	FLUSH WITH FINISHED FLOOR	1"	(2) 1-1/4"	2/T7.11	A
PT2	FLOOR	FLOOR RECESS POKE-THRU W / AV TELECOM AND POWER	6"	6"	16 1/4"	POKE-THRU DEVICE	WIREMOLD 6AT	FLUSH WITH FINISHED FLOOR	1"	1-1/4"	3/T7.11	B
CA	WALL	AV CAMERA - WALL MOUNT	4 11/16"	4 11/16"	3 1/4"	PULL BOX W/ RAISED TWO-DEVICE COVER - DEEP	RACO 260	84" AFF - FLUSH (UNO)	-	1"	-	-
D2	WALL	AV DISPLAY BOX W/AV TELECOM AND POWER	7 1/8"	14 1/4"	4"	DISPLAY BOX	FSR PWB-250	FLUSH (UNO) - REFER TO ROOM ELEVATIONS	1"	1-1/4"	4.5/T7.11	C
D3	WALL	AV DISPLAY BOX W/AV TELECOM AND POWER	17"	14 3/16"	3 3/4"	DISPLAY BOX	FSR PWB-450	FLUSH (UNO) - REFER TO ROOM ELEVATIONS	1-1/4"	1-1/4"	6,7/T7.11	D
NA	WALL	NETWORK OUTLET - ABOVE COUNTER	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED ONE-DEVICE COVER	RACO 258 259 OR 265	PROJECT ABOVE COUNTER OUTLET HEIGHT - FLUSH (UNO)	1-1/4"	-	1,2/T7.01	-
NS	WALL	NETWORK OUTLET - STANDARD	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED ONE-DEVICE COVER	RACO 258 259 OR 265	PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO)	1-1/4"	-	1,2/T7.01	-
SR	WALL	SIMULATION RECORDING BUTTON	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ RAISED ONE-DEVICE COVER	RACO 258 259 OR 265	PROJECT STANDARD SWITCH HEIGHT	-	1"	-	-
W1	WALL	AV WALL PLATE	4 11/16"	4 11/16"	3 1/4"	PULL BOX W/ RAISED TWO-DEVICE COVER - DEEP	RACO 260	PROJECT STANDARD OUTLET HEIGHT - FLUSH (UNO)	-	1-1/4"	-	-
AP-C	CEILING	NETWORK OUTLET - WIRELESS ACCESS POINT	4 11/16"	4 11/16"	2 1/8"	PULL BOX W/ BLANK COVER	RACO 258 259 OR 265	18" ABOVE ACCESSIBLE CEILING	1"	-	-	E

TECHNOLOGY LEGEND NOTES:

A. FLOOR BOX WITH FINISHED COVER. VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: INTERNAL BRACKETS, CENTER DIVIDERS, AND LEVELING FEET. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, BOTTOM BRACKETS, INTERNAL BRACKETS, POUR PAN, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.

B. POKE-THRU DEVICE WITH FINISHED COVER. VERIFY COVER STYLE AND FINISH WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: TEMPORARY CONSTRUCTION COVER, 5PTHA 1/2-GANG PASS-THRU HOUSING, 1PTHA 1-GANG PASS-THRU HOUSING ASSEMBLY, AND 575CHA 1/2-GANG ¾" CONDUIT HOUSING ASSEMBLY. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, CENTER MOUNT DEVICE PLATES, SIDE MOUNT DEVICE PLATES, BOTTOM FEED ASSEMBLIES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.

C. FSR PWB-250 FLAT PANEL DISPLAY WALL BOX. VERIFY COVER COLOR WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: ONE AC OUTLET BACK BOX, AND TWO PASS-THRU GROMMETS. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, IPS INSERT PLATES, LOW VOLTAGE ENTRY BOXES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS.

D. FSR PWB-450 FLAT PANEL DISPLAY WALL BOX. VERIFY COVER COLOR WITH ARCHITECT PRIOR TO ORDERING. INCLUDED COMPONENTS: FOUR (4) PRE-WIRED AC OUTLETS, THREE (3) DECORA ACCESSORY PLATES, AND ONE (1) IPS ACCESSORY PLATE. PROVIDE AS REQUIRED: POWER RECEPTACLES, COMMUNICATION JACKS, IPS INSERT PLATES, LOW VOLTAGE ENTRY BOXES, AND OTHER ACCESSORIES AS NEEDED. CONFIGURE BOX ACCORDING TO DETAILS.

E. WHERE CEILINGS ARE ACCESSIBLE, MOUNT JUNCTION BOXES 18" ABOVE ACCESSIBLE CEILING. WHERE CEILINGS ARE HARD / INACCESSIBLE, SUSPEND JUNCTION BOXES FROM STRUCTURE AND MOUNT FLUSH WITH FINISHED CEILING. WHERE NO FINISHED CEILING EXISTS, SURFACE MOUNT JUNCTION BOXES TO STRUCTURE ABOVE.

SECURITY CAMERA SCHEDULE

LEVEL	DEVICE NUMBER	DEVICE TYPE	MAKE/MODEL	TERMINATION POINT	REFERENCE DETAIL	NOTES
LEVEL 1	C.EXT.1	180	-	TELECOM 119	3/T7.21	-
LEVEL 1	C.EXT.4	180	-	TELECOM 119	5/T7.21	MOUNT @ 120" AFG.
LEVEL 1	C.101.3	180	-	TELECOM 119	7/T7.21	-
LEVEL 1	C.101B	180	-	TELECOM 119	6/T7.21	-
LEVEL 1	C.EXT.2	270	-	TELECOM 119	4/T7.21	MOUNT @ 144" AFG.
LEVEL 1	C.EXT.3	270	-	TELECOM 119	4/T7.21	MOUNT @ 144" AFG.
LEVEL 1	C.EXT.5	270	-	TELECOM 119	4/T7.21	MOUNT @ 144" AFG.
LEVEL 1	C.EXT.6	270	-	TELECOM 119	4/T7.21	MOUNT @ 144" AFG.
LEVEL 1	C.101.1	DUO - 90	-	TELECOM 119	7/T7.21	-
LEVEL 1	C.101.4	DUO - 90	-	TELECOM 119	8/T7.21	MOUNT @ 120" AFF.
LEVEL 1	C.101.2	DUO - 180	-	TELECOM 119	7/T7.21	-
LEVEL 1	C.101A	FIX	-	TELECOM 119	6/T7.21	-
LEVEL 1	C.S2-1	FIX	-	TELECOM 119	8/T7.21	MOUNT @ 84" AFF.
LEVEL 1: 13						
LEVEL 2	C.201A	180	-	TELECOM 119	7/T7.21	-
LEVEL 2	C.201	360	-	TELECOM 119	7/T7.21	-
LEVEL 2	C.202	DUO - 90	-	TELECOM 119	7/T7.21	-
LEVEL 2	C.S2-2	DUO - 90	-	TELECOM 119	8/T7.21	MOUNT @ 120" AFF.
LEVEL 2: 4						

SECURITY DOOR SCHEDULE

LEVEL	DOOR NUMBER	DEVICE TYPE	REFERENCE DETAIL	NOTES
LEVEL 1	118	CR	1/T7.21	-
LEVEL 1	119	CR	2/T7.21	-
LEVEL 1	E100	CR	2/T7.21	-
LEVEL 1	E118	CR	1/T7.21	-
LEVEL 1	E120	CR	1/T7.21	-
LEVEL 1	S2-1	CR	1/T7.21	-
LEVEL 1: 6				
LEVEL 2	203-1	CR	1/T7.21	-
LEVEL 2	205-1	CR	1/T7.21	-
LEVEL 2	205-2	CR	1/T7.21	-
LEVEL 2	214	CR	1/T7.21	-
LEVEL 2: 4				

SECURITY DOOR SCHEDULE NOTES:

REFER TO THE ARCHITECTURAL SCHEDULE FOR MORE INFORMATION AND EQUIPMENT PER DOOR TYPE.
NOT ALL DOOR HARDWARE IS SHOWN ON THE SECURITY PLANS.

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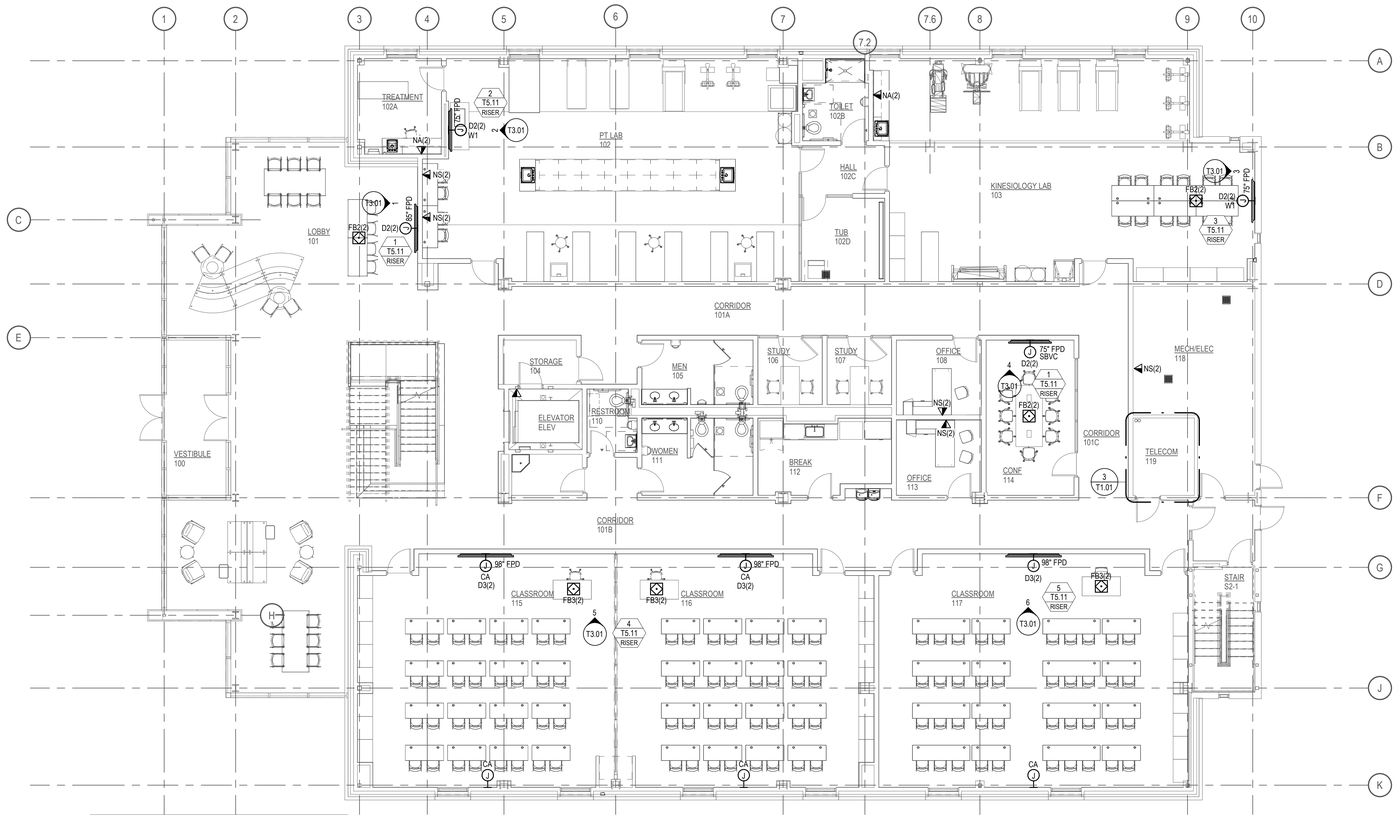
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UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 18928
BRYSON DAVID ADAMS
8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY:		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		Technology Schedules & Notes

T0.01

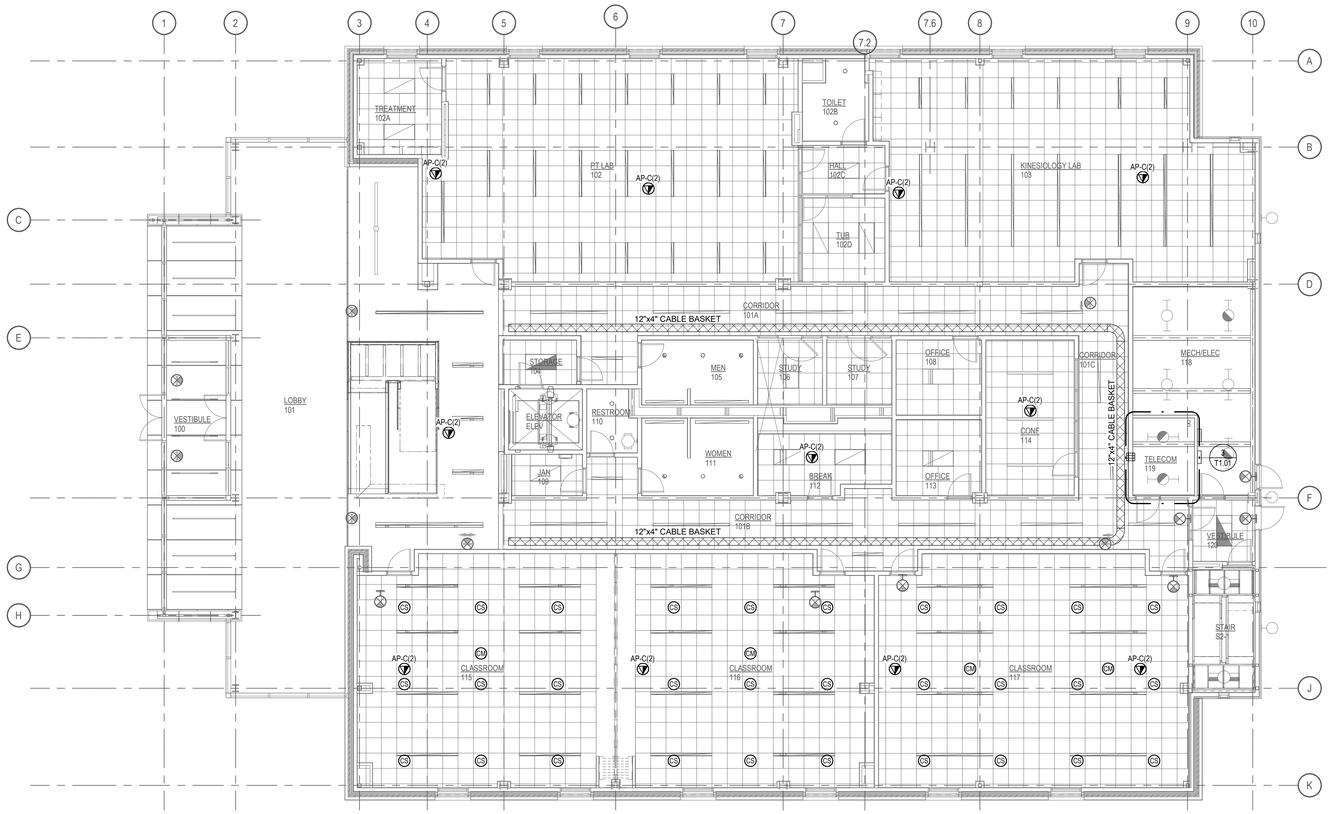


1 FIRST FLOOR TELECOMMUNICATIONS & AUDIOVISUAL PLAN

SCALE: 1/8" = 1'-0"

True North

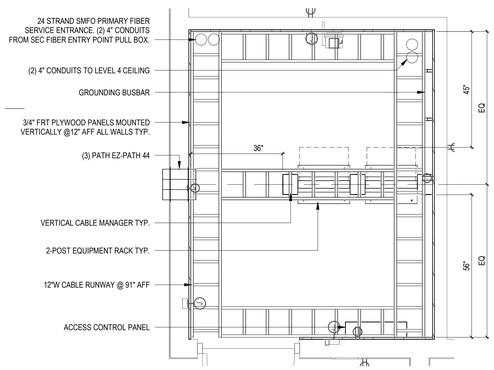
ALL NETWORK CABLING INDICATED ON THIS SHEET SHALL BE ROUTED TO TELECOMMUNICATIONS ROOM 119 UNLESS NOTED OTHERWISE. PROVIDE COMPLETE CABLE ROUTING SYSTEMS, INCLUDING REQUIRED CONDUIT, CABLE TRAY, CONDUIT SLEEVES, WALL/FLOOR PENETRATIONS, AND FIRESTOPPING FOR ALL TELECOMMUNICATIONS AND OTHER LOW-VOLTAGE CABLING. SIZE ALL CONDUITS, SLEEVES, AND PENETRATIONS TO SUPPORT THE REQUIRED CABLE QUANTITY WHILE MAINTAINING CABLE TRAY CAPACITY, CONDUIT FILL REQUIREMENTS, AND ALLOWING FOR FUTURE EXPANSION. COORDINATE ALL ROUTING, PENETRATION LOCATIONS, AND INSTALLATION WITH STRUCTURAL, MECHANICAL, ELECTRICAL, ARCHITECTURAL, AND OTHER TRADES TO AVOID CONFLICTS. REFER TO SHEET T7.01 FOR ADDITIONAL CABLE ROUTING REQUIREMENTS AND INSTALLATION DETAILS.



2 FIRST FLOOR TELECOMMUNICATIONS & AUDIOVISUAL RCP

SCALE: 1/8" = 1'-0"

True North



3 TELECOM 119

SCALE: 1/2" = 1'-0"

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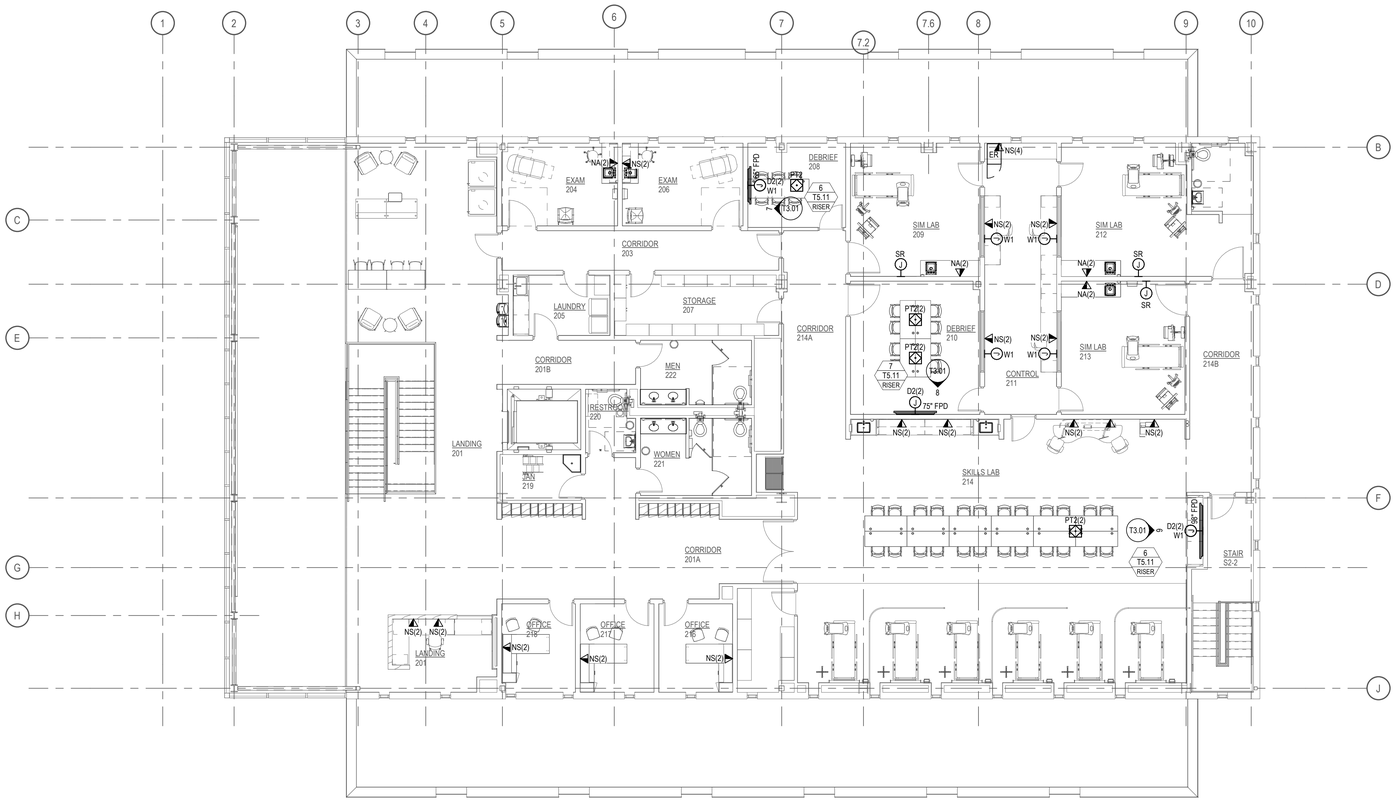
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STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRYSON DAVID SIMS — 8-31-26

#	DATE	DESCRIPTION
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ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		First Floor Telecom & Audiovisual Plans

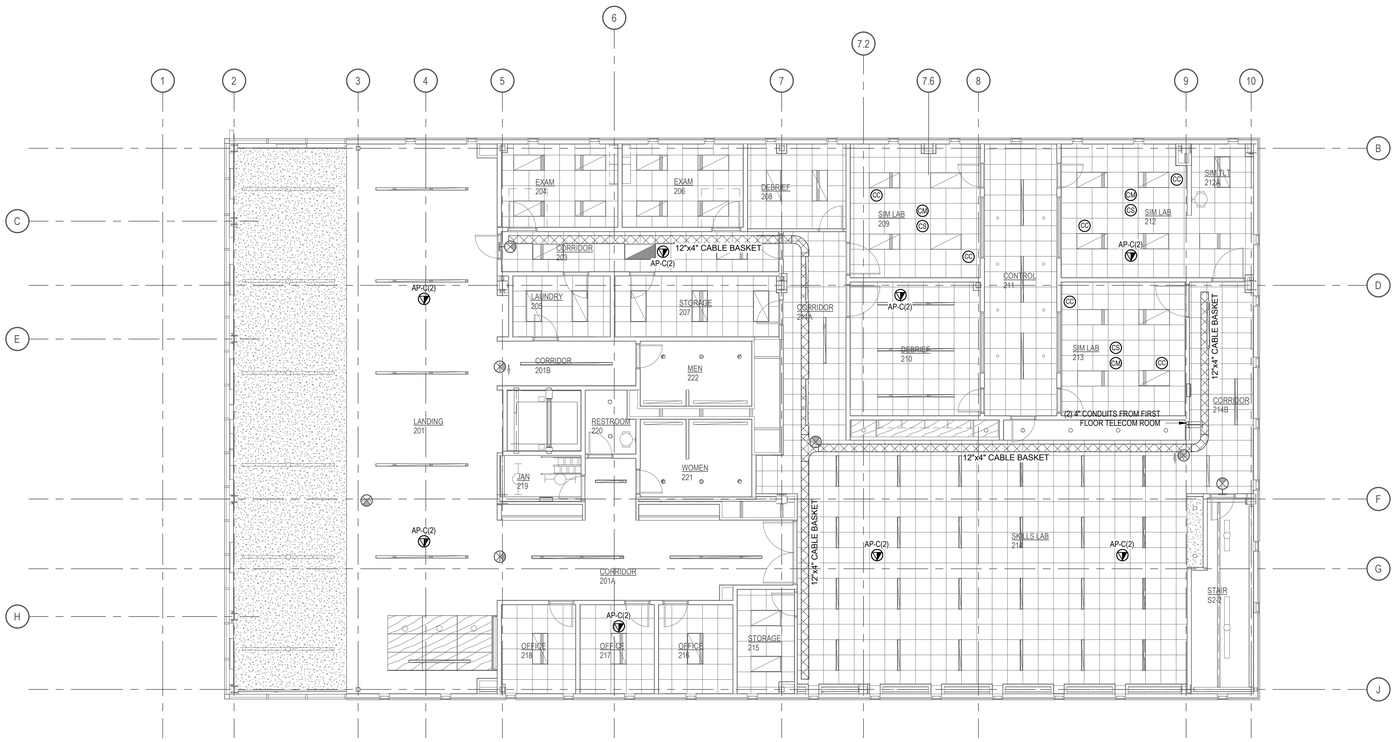
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SECOND FLOOR TELECOMMUNICATIONS & AUDIOVISUAL PLAN

SCALE: 1/8" = 1'-0"

ALL NETWORK CABLING INDICATED ON THIS SHEET SHALL BE ROUTED TO TELECOMMUNICATIONS ROOM 119 UNLESS NOTED OTHERWISE. PROVIDE COMPLETE CABLE ROUTING SYSTEMS, INCLUDING REQUIRED CONDUIT, CABLE TRAY, CONDUIT SLEEVES, WALL/FLOOR PENETRATIONS, AND FIRESTOPPING FOR ALL TELECOMMUNICATIONS AND OTHER LOW-VOLTAGE CABLING. SIZE ALL CONDUITS, SLEEVES, AND PENETRATIONS TO SUPPORT THE REQUIRED CABLE QUANTITY WHILE MAINTAINING CABLE TRAY CAPACITY, CONDUIT FILL REQUIREMENTS, AND ALLOWING FOR FUTURE EXPANSION. COORDINATE ALL ROUTING, PENETRATION LOCATIONS, AND INSTALLATION WITH STRUCTURAL, MECHANICAL, ELECTRICAL, ARCHITECTURAL, AND OTHER TRADES TO AVOID CONFLICTS. REFER TO SHEET T7.01 FOR ADDITIONAL CABLE ROUTING REQUIREMENTS AND INSTALLATION DETAILS.



SECOND FLOOR TELECOMMUNICATIONS & AUDIOVISUAL RCP

SCALE: 1/8" = 1'-0"

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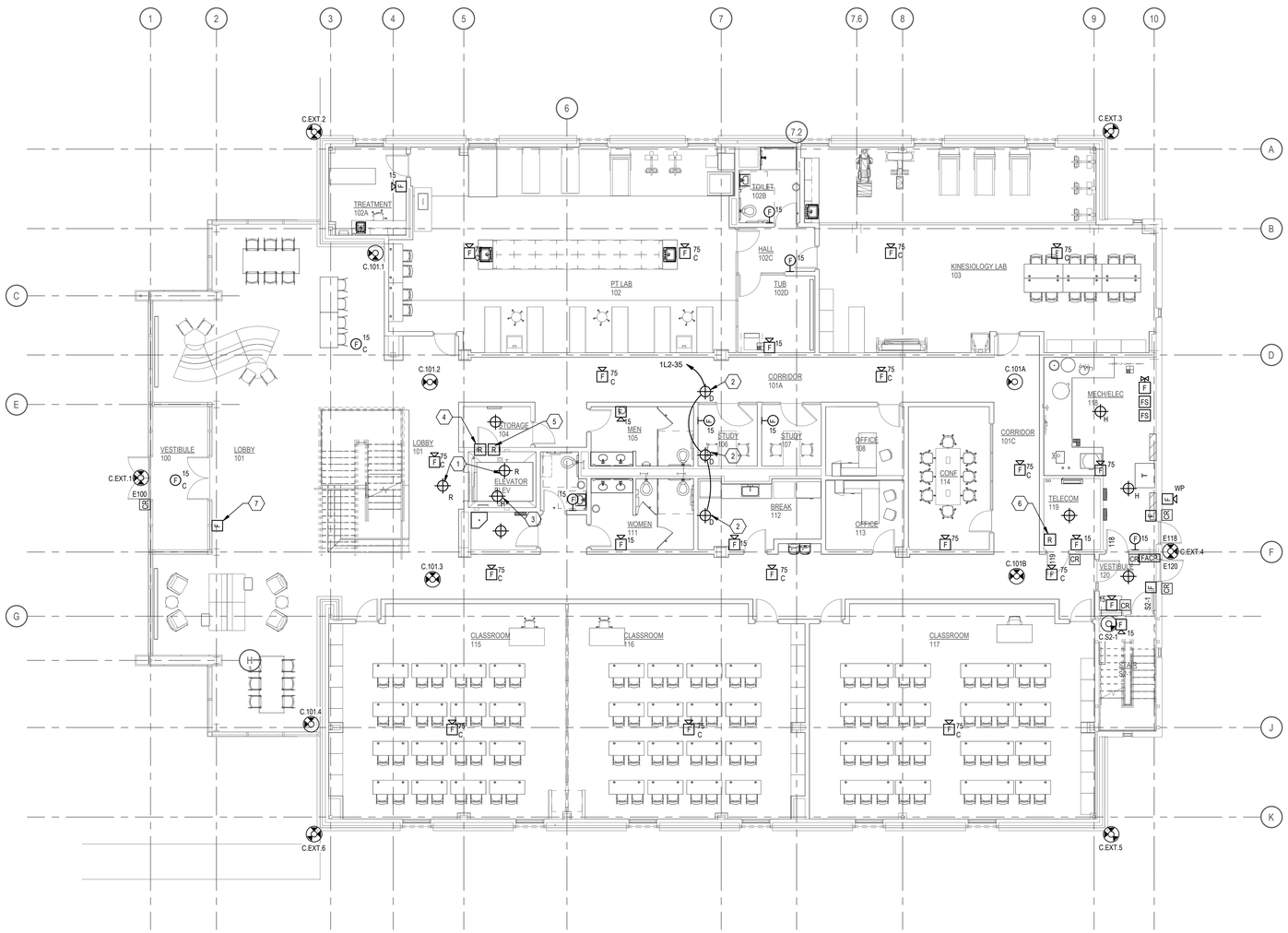
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STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRYSON DAVID ADAMS — 8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		Second Floor Telecom & Audiovisual Plans

T1.02



FIRST FLOOR SECURITY & FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

SECURITY & FIRE ALARM PLAN NOTES	
KEY NOTE	DESCRIPTION
1	PROVIDE SMOKE DETECTOR AT THIS LOCATION. PROVIDE ALL NECESSARY RELAYS AND CONNECTIONS TO THE ELEVATOR CONTROLLER FOR CODE REQUIRED ELEVATOR RECALL. COORDINATE CONNECTIONS WITH THE ELEVATOR SUPPLIER/INSTALLER.
2	120V ELECTRICAL CONNECTION TO SMOKE DAMPER/COMBINATION FIRE SMOKE DAMPER. PROVIDE ALL NECESSARY CONNECTIONS TO DAMPER SO THAT UPON FIRE ALARM CONDITION OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPERS CLOSE. COORDINATE EXACT CONNECTION REQUIREMENTS AND LOCATION WITH MECHANICAL CONTRACTOR.
3	LOCATE A HEAT DETECTOR WITHIN 2'-0" OF EACH SPRINKLER HEAD IN THE ELEVATOR EQUIPMENT ROOM. COORDINATE THE NUMBER AND LOCATION OF SPRINKLER HEADS WITH THE MECHANICAL CONTRACTOR. PROVIDE CONNECTIONS BETWEEN THE FIRE ALARM SYSTEM AND THE SHUNT TRIP MECHANISM ON THE DISCONNECT SWITCH FEEDING THE ELEVATOR CONTROLLER SO THAT UPON ACTIVATION OF ANY ROOM HEAT DETECTOR, THE SHUNT TRIP MECHANISM TRIPS TO THE OPEN POSITION.
4	FIRE ALARM SYSTEM RELAYS FOR ELEVATOR RECALL AND FIREMEN HAT FUNCTIONS. PROVIDE THE REQUIRED NUMBER OF RELAYS FOR A COMPLETE CODE REQUIRED AND FUNCTIONING SYSTEM. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
5	PROVIDE ALL INTERCONNECTIONS BETWEEN FIRE ALARM SYSTEM AND COOPER BUSSMAN, ALL-IN-ONE, ELEVATOR DISCONNECT SWITCH FOR SHUNT TRIP OPERATION. SEE POWER & AUXILIARY SYSTEMS PLANS FOR ADDITIONAL INFORMATION.
6	FIRE ALARM RELAY DEVICE. SEE THE FIRE ALARM SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE ALL NECESSARY INTERCONNECTIONS BETWEEN FIRE ALARM RELAY AND ACCESS CONTROL SYSTEM DOOR CONTROLLER SO AS TO OPERATE THE DOOR LOCKING MECHANISMS IN THE EVENT OF A FIRE ALARM CONDITION. ADDITIONAL RELAY LOCATIONS MAY BE NECESSARY IN ORDER TO SATISFY ALL DOOR HARDWARE SEQUENCE OF OPERATION REQUIREMENTS. EXACT QUANTITY AND LOCATION SHALL BE COORDINATED WITH OWNER'S SECURITY REPRESENTATIVES AND DOOR HARDWARE PROVIDER/INSTALLER. CONTRACTOR SHALL COORDINATE WITH OWNER AND DOOR HARDWARE PROVIDER ON WHETHER DOOR SHOULD BE 'FAIL-SAFE' OR 'FAIL SECURE'.
7	INSTALL FIRE ALARM PULLSTATION ON MULLION AT LOCATION INDICATED.

PROVIDE (1) PoE CAT6A CABLE AT EACH SECURITY CAMERA LOCATION. INSTALL ACCORDING TO DETAILS. REFERENCE SECURITY CAMERA SCHEDULE FOR MORE INFORMATION.

PROVIDE ALL NECESSARY DUCT SMOKE DETECTORS AS REQUIRED. PROVIDE ALL NECESSARY CONNECTIONS AND POWER SUPPLY CIRCUITS (FED FROM THE NEAREST PANELBOARD OF APPROPRIATE VOLTAGE AND SOURCE) TO SMOKE DAMPERS AND SMOKE/FIRE DAMPERS SO THAT UPON FIRE ALARM CONDITIONS OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPERS CLOSE. COORDINATE DAMPER AND CONTROL LOCATIONS WITH THE MECHANICAL AND CONTROLS CONTRACTORS. REFER TO THE MECHANICAL DRAWINGS.

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UAPB HEALTH & ALLIED SCIENCES BUILDING

UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRENTON DAVID ADAMS — 8-31-24

#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		First Floor Security & Fire Alarm Plan

T2.01

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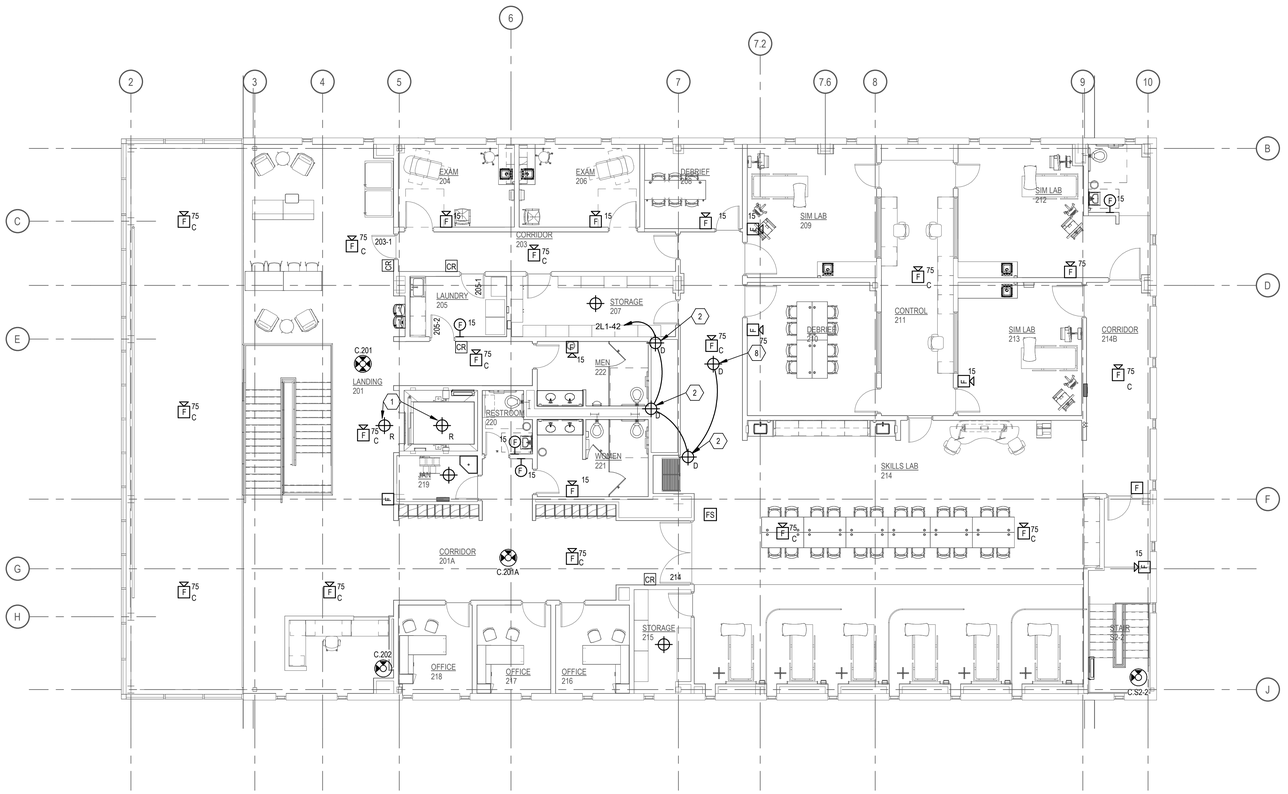
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SECURITY & FIRE ALARM PLAN NOTES	
KEY NOTE	DESCRIPTION
1	PROVIDE SMOKE DETECTOR AT THIS LOCATION. PROVIDE ALL NECESSARY RELAYS AND CONNECTIONS TO THE ELEVATOR CONTROLLER FOR CODE REQUIRED ELEVATOR RECALL. COORDINATE CONNECTIONS WITH THE ELEVATOR SUPPLIER/INSTALLER.
2	120V ELECTRICAL CONNECTION TO SMOKE DAMPER/COMBINATION FIRE SMOKE DAMPER. PROVIDE ALL NECESSARY CONNECTIONS TO DAMPER SO THAT UPON FIRE ALARM CONDITION OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPERS CLOSE. COORDINATE EXACT CONNECTION REQUIREMENTS AND LOCATION WITH MECHANICAL CONTRACTOR.
8	INSTALL DUCT DETECTOR WITH DRY CONTACTS FOR INTERCONNECTION WITH MECHANICAL BMS SYSTEM IN DUCT NEAR THIS LOCATION. PROVIDE REMOTE TEST SWITCH MOUNTED AT 60" AFF ADJACENT TO THE DETECTOR. LABEL THE DETECTOR WITH THE NAME OF THE UNIT BEING SERVED AND THE AIR FLOW DIRECTION. COORDINATE INSTALLATION AND LOCATION WITH THE MECHANICAL CONTRACTOR.



SECOND FLOOR SECURITY & FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

PROVIDE (1) PoE CAT6A CABLE AT EACH SECURITY CAMERA LOCATION. INSTALL ACCORDING TO DETAILS. REFERENCE SECURITY CAMERA SCHEDULE FOR MORE INFORMATION.

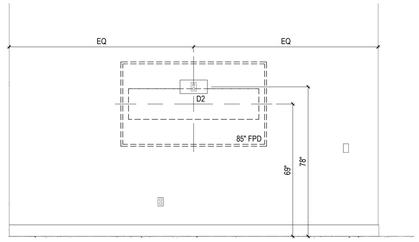
PROVIDE ALL NECESSARY DUCT SMOKE DETECTORS AS REQUIRED. PROVIDE ALL NECESSARY CONNECTIONS AND POWER SUPPLY CIRCUITS (FED FROM THE NEAREST PANELBOARD OF APPROPRIATE VOLTAGE AND SOURCE) TO SMOKE DAMPERS AND SMOKE/FIRE DAMPERS SO THAT UPON FIRE ALARM CONDITIONS OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPERS CLOSE. COORDINATE DAMPER AND CONTROL LOCATIONS WITH THE MECHANICAL AND CONTROLS CONTRACTORS. REFER TO THE MECHANICAL DRAWINGS.

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRENTON DAVID ADAMS — 8-31-26

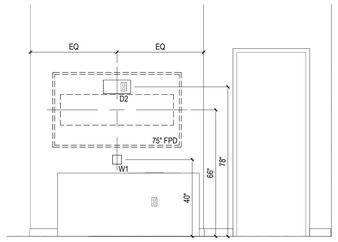
#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026

TITLE: Second Floor Security & Fire Alarm Plan

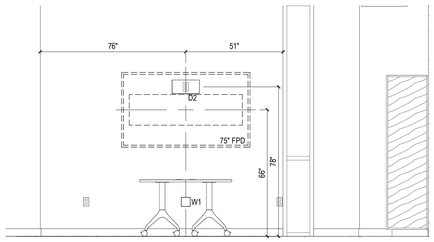
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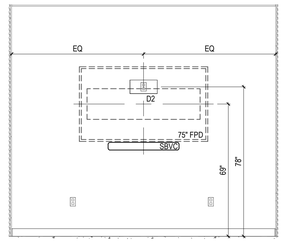
1 101 LOBBY
SCALE: 3/8" = 1'-0"



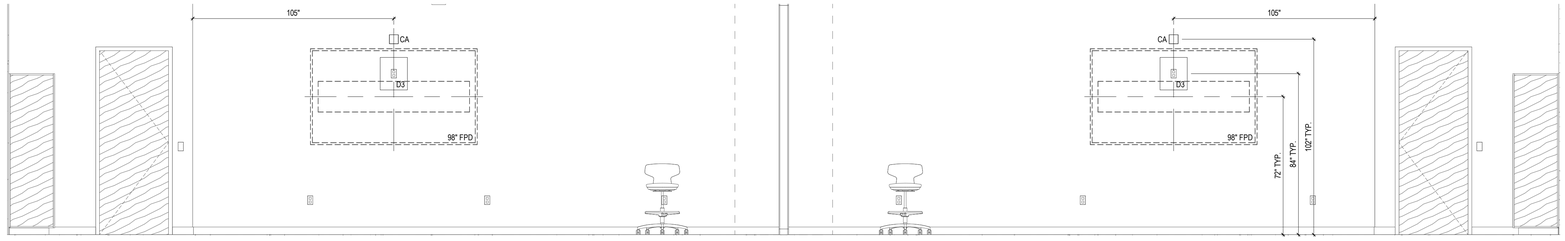
2 102 PT LAB
SCALE: 3/8" = 1'-0"



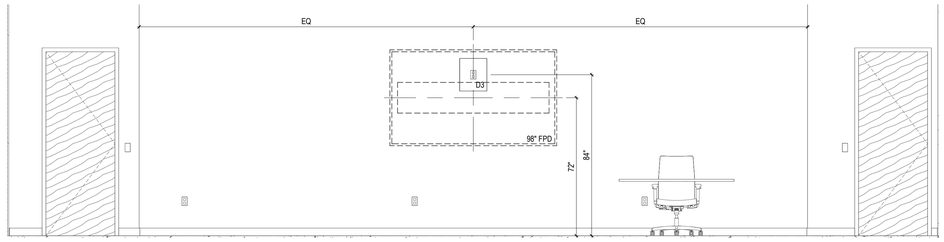
3 103 KINESIOLOGY LAB
SCALE: 3/8" = 1'-0"



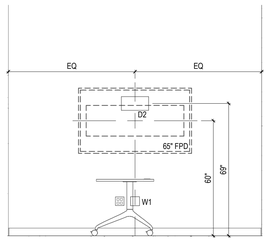
4 114 CONF
SCALE: 3/8" = 1'-0"



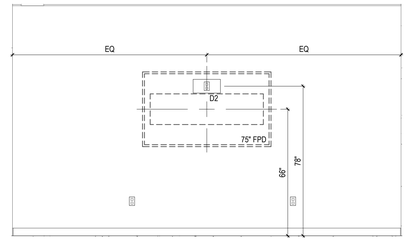
5 115 & 116 CLASSROOM
SCALE: 3/8" = 1'-0"



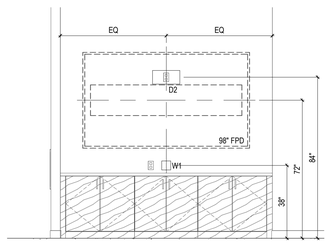
6 117 CLASSROOM
SCALE: 3/8" = 1'-0"



7 208 DEBRIEF
SCALE: 3/8" = 1'-0"



8 210 DEBRIEF
SCALE: 3/8" = 1'-0"



9 214 SKILLS LAB
SCALE: 3/8" = 1'-0"

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STATE OF ARKANSAS
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BRENDON DAVID ANS
8-31-26

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

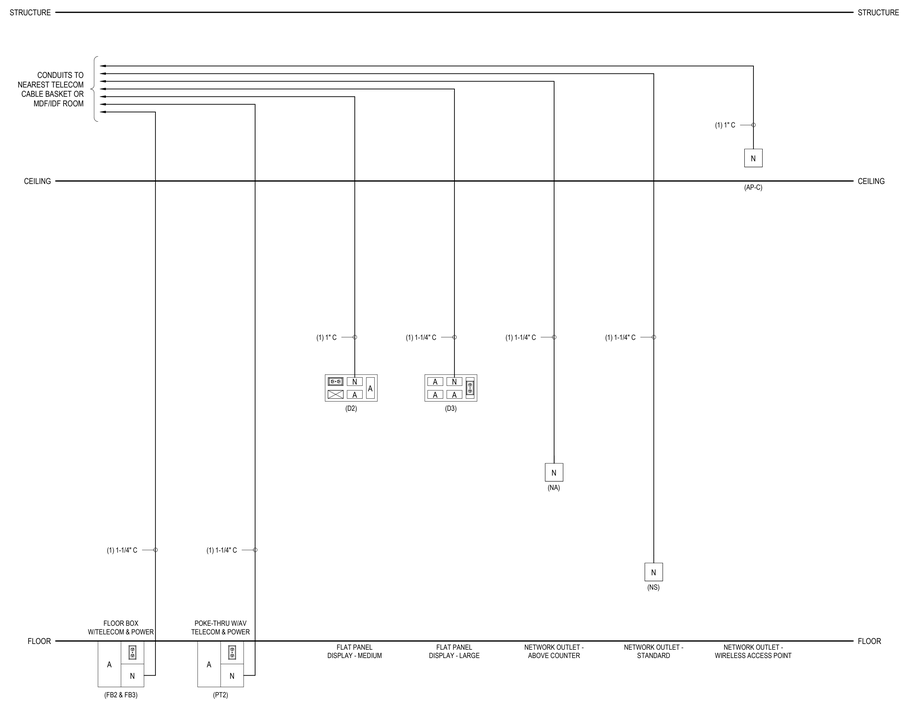
ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Audiovisual Elevations

T3.01



1 TELECOM TYPICAL CONDUIT RISER (Conduit)

RISER SYMBOLS LEGEND

- AN AUDIOVISUAL DEVICE WHICH CONTAINS A POWER RECEPTACLE AND A TELECOM OUTLET
- AUDIOVISUAL JUNCTION BOX
- TELECOM JUNCTION BOX
- POWER DESIGNATIONS
- CONDUIT STUB
- FLEXIBLE CONDUIT RUN
- CABLE BASKET - SEE PLANS FOR SIZE

RISER GENERAL NOTES

RISER DRAWINGS AND CONDUIT ROUTING
THE RISER DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONDUIT PATHS SHOWN ON THE RISERS ARE INTENDED TO CONVEY REQUIRED DEVICE INTERCONNECTION AND SIZES ONLY. ACTUAL CONDUIT ROUTING IN THE FIELD MAY BE REQUIRED TO FOLLOW ROUTING CONTRARY TO THAT IMPLIED BY THE RISER. IN ALL CASES, CONDUIT ROUTES SHALL FOLLOW THE SHORTEST PATH POSSIBLE WHILE COMPLYING WITH INDUSTRY STANDARDS AND BEST PRACTICES.

CONDUIT AND PULL BOXES
ALL CONDUIT RUNS SHALL BE STEEL, THIN-WALL ELECTRICAL METALLIC TUBING (EMT), UNLESS OTHERWISE INDICATED. CONDUIT SIZES AND INTERCONNECTIONS SHALL BE AS INDICATED ON THE RISER DRAWINGS. THE CONTRACTOR SHALL PROVIDE A PULL BOX IMMEDIATELY BEFORE AND AFTER ANY CONDUIT RUN SECTION CONTAINING TWO NINETY-DEGREE TURNS OR ANY SINGLE RUN EXCEEDING FIFTY FEET IN LENGTH REGARDLESS OF WHETHER PULL BOXES ARE SHOWN ON THE DRAWINGS OR NOT.

CONDUIT STUBS
TERMINATE CONDUIT STUBS INTO CLEAR SPACE 18 INCHES ABOVE ACCESSIBLE CEILING IN ROOM INDICATED.

NYLON BUSHINGS
PROVIDE A NYLON BUSHING ON ALL CONDUIT STUBS AND NON-TERMINATING CONDUIT ENDS TO PROTECT WIRE PULLS.

PULL STRINGS
ALL CONDUIT RUNS SHALL BE PROVIDED WITH A PULL STRING.

POWER DESIGNATORS AND RECEPTACLES
POWER DESIGNATORS AND RECEPTACLES WHICH APPEAR ON THE RISER DRAWINGS ARE SHOWN TO INDICATE THEIR ASSOCIATION WITH AND REQUIRED ADJACENCY TO AUDIOVISUAL COMPONENTS. REFER TO THE TECHNOLOGY INFRASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR ADDITIONAL GUIDANCE REGARDING TECHNOLOGY POWER LOCATIONS. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS.

TELECOM OUTLETS
SOME TELECOM OUTLETS ON THE TELECOM TYPICAL CONDUIT RISER DRAWING ARE SHOWN TO INDICATE THEIR ASSOCIATION WITH AND REQUIRED ADJACENCY TO AUDIOVISUAL COMPONENTS. REFER TO THE AUDIOVISUAL & TELECOM PLANS, ELEVATIONS AND DETAILS FOR A COMPLETE LAYOUT OF TELECOM JUNCTION BOXES FOR EACH SPACE.

CONDUIT SHOWN ON THE TELECOM TYPICAL CONDUIT RISER SUPPORT TELECOM CABLING SYSTEMS ONLY. SEE THE "AUDIOVISUAL RISERS" SHEETS FOR ADDITIONAL CONDUIT REQUIREMENTS FOR EACH AUDIOVISUAL JUNCTION BOX TYPE.

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STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 18928 BRYSON DAVID ALLEN 8-31-26

#	DATE	DESCRIPTION

REVISIONS HISTORY

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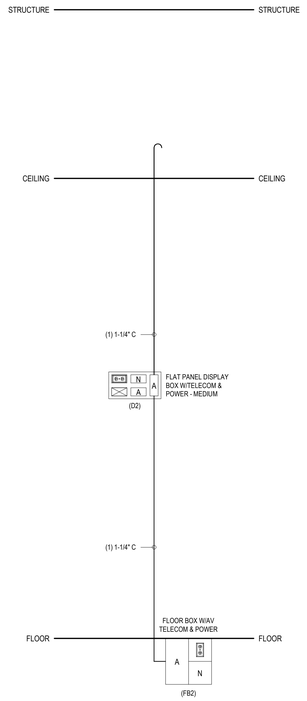
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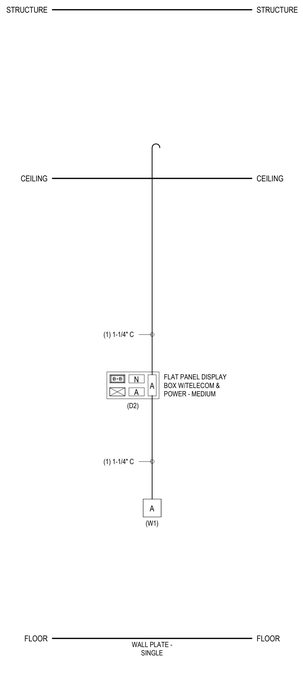
DATE: 08/31/2026

TITLE: Telecommunications Riser Diagrams

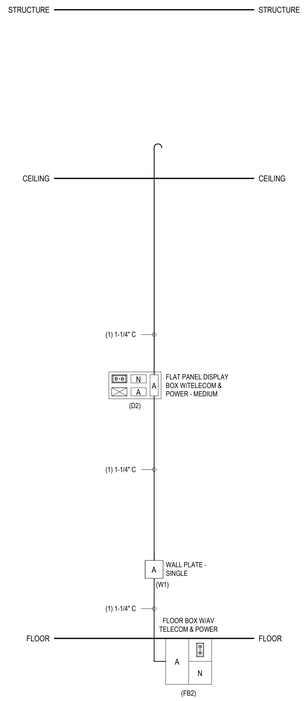
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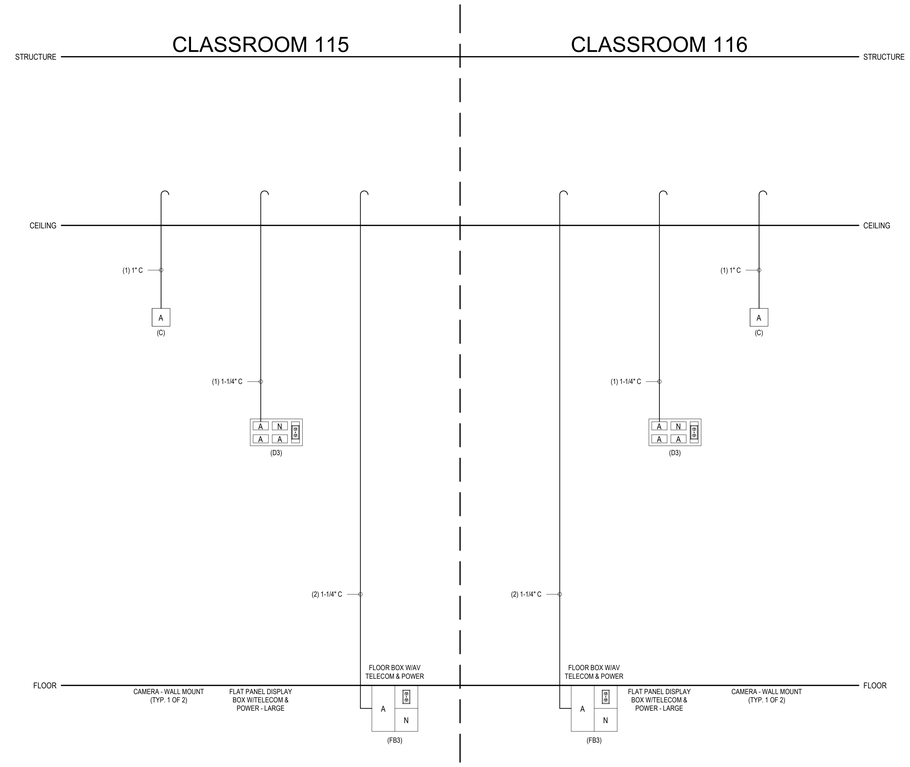
1 LOBBY 101, CONF 114



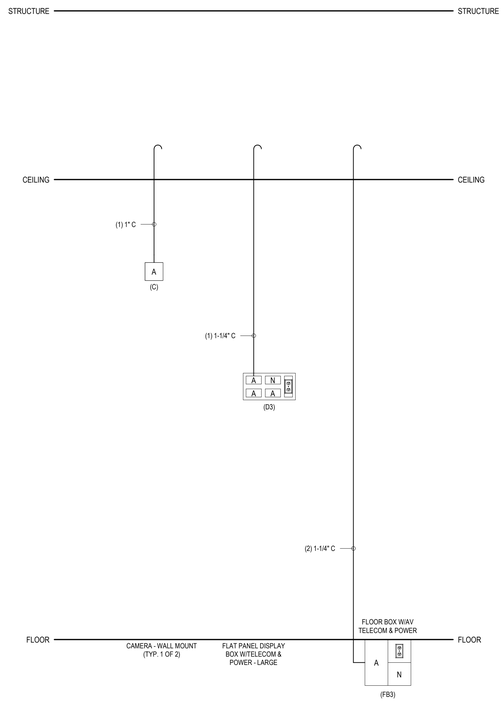
2 PT LAB 102



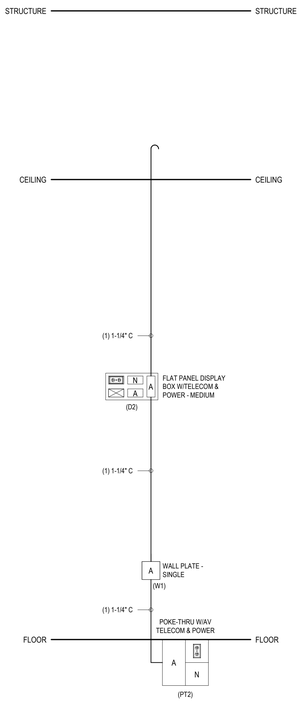
3 KINESIOLOGY LAB 103



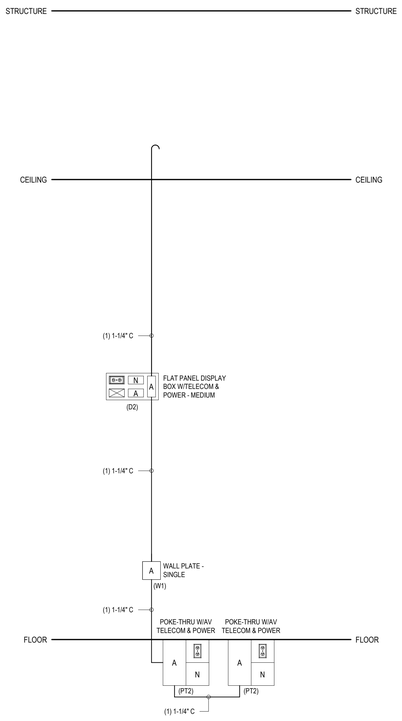
4 CLASSROOM 115 / CLASSROOM 116



5 CLASSROOM 117



6 DEBRIEF 208, SKILLS LAB 214



7 DEBRIEF 210

RISER SYMBOLS LEGEND

- AN AUDIOVISUAL DEVICE WHICH CONTAINS A POWER RECEPTACLE AND A TELECOM OUTLET
- AUDIOVISUAL JUNCTION BOX
- TELECOM JUNCTION BOX
- POWER DESIGNATIONS
- CONDUIT STUB
- FLEXIBLE CONDUIT RUN
- CABLE BASKET - SEE PLANS FOR SIZE

RISER GENERAL NOTES

RISER DRAWINGS AND CONDUIT ROUTING
THE RISER DRAWINGS ARE DIAGRAMMATIC IN NATURE. CONDUIT PATHS SHOWN ON THE RISERS ARE INTENDED TO CONVEY REQUIRED DEVICE INTERCONNECTION AND SIZES ONLY. ACTUAL CONDUIT ROUTING IN THE FIELD MAY BE REQUIRED TO FOLLOW ROUTING CONTRARY TO THAT IMPLIED BY THE RISER. IN ALL CASES, CONDUIT ROUTES SHALL FOLLOW THE SHORTEST PATH POSSIBLE WHILE COMPLYING WITH INDUSTRY STANDARDS AND BEST PRACTICES.

CONDUIT AND PULL BOXES
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CONDUIT STUBS
TERMINATE CONDUIT STUBS INTO CLEAR SPACE 18 INCHES ABOVE ACCESSIBLE CEILING IN ROOM INDICATED.

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PROVIDE A NYLON BUSHING ON ALL CONDUIT STUBS AND NON-TERMINATING CONDUIT ENDS TO PROTECT WIRE PULLS.

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POWER DESIGNATORS AND RECEPTACLES
POWER DESIGNATORS AND RECEPTACLES WHICH APPEAR ON THE RISER DRAWINGS ARE SHOWN TO INDICATE THEIR ASSOCIATION WITH AND REQUIRED ADJACENCY TO AUDIOVISUAL COMPONENTS. NOTE THAT NOT ALL POWER RECEPTACLES REQUIRED TO SUPPORT THE AUDIOVISUAL SYSTEMS ARE SHOWN ON THE RISER DIAGRAMS; ONLY THOSE THAT ARE PART OF OR INTERFACE WITH THE AUDIOVISUAL JUNCTION BOXES ARE SHOWN. REFER TO THE TECHNOLOGY INFRASTRUCTURE PLANS, ELEVATIONS AND DETAILS FOR ADDITIONAL GUIDANCE REGARDING AUDIOVISUAL POWER LOCATIONS. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS.

TELECOM OUTLETS
JUNCTION BOXES FOR TELECOM OUTLETS WHICH APPEAR ON THE RISER DRAWINGS ARE SHOWN TO INDICATE THEIR ASSOCIATION WITH AND REQUIRED ADJACENCY TO AUDIOVISUAL COMPONENTS. NOTE THAT NOT ALL TELECOM OUTLETS REQUIRED TO SUPPORT THE AUDIOVISUAL SYSTEMS ARE SHOWN ON THE RISER DIAGRAMS; ONLY THOSE THAT ARE PART OF OR INTERFACE WITH AUDIOVISUAL JUNCTION BOXES ARE SHOWN. REFER TO THE AUDIOVISUAL & TELECOM PLANS, ELEVATIONS AND DETAILS FOR A COMPLETE LAYOUT OF TELECOM JUNCTION BOXES FOR EACH SPACE.

CONDUIT SHOWN ON THIS SHEET SUPPORT AUDIOVISUAL SYSTEMS ONLY. SEE THE "TELECOM TYPICAL CONDUIT RISER" FOR CONDUIT REQUIREMENTS FOR EACH TELECOM JUNCTION BOX TYPE. CONDUITS SHOWS FOR AV SHALL NOT BE USED FOR TELECOM CABLES.

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STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 18928
BRYSON DAVID ADAMS
8-31-26

#	DATE	DESCRIPTION

REVISIONS HISTORY

ISSUE FOR REVIEW:

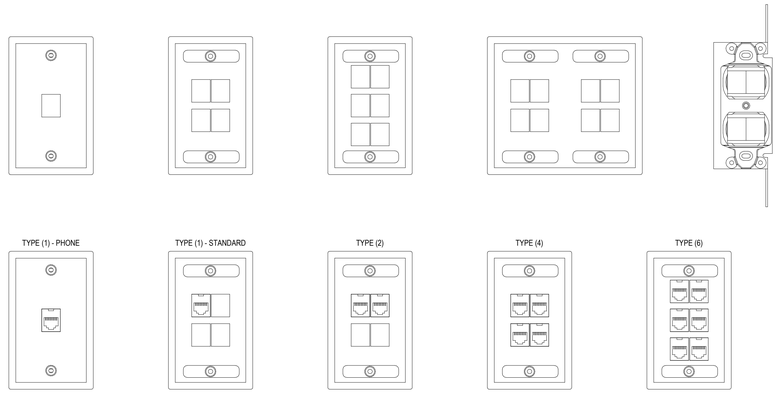
ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

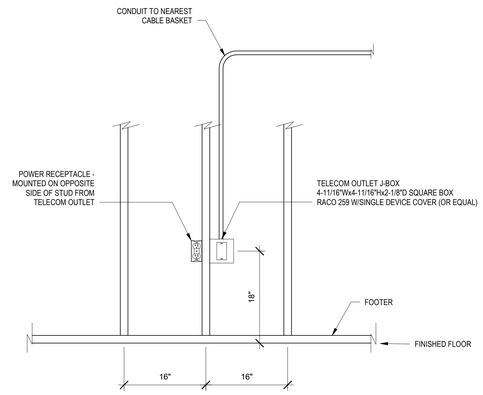
DATE: 08/31/2026

TITLE: Audiovisual Riser Diagrams

T5.11



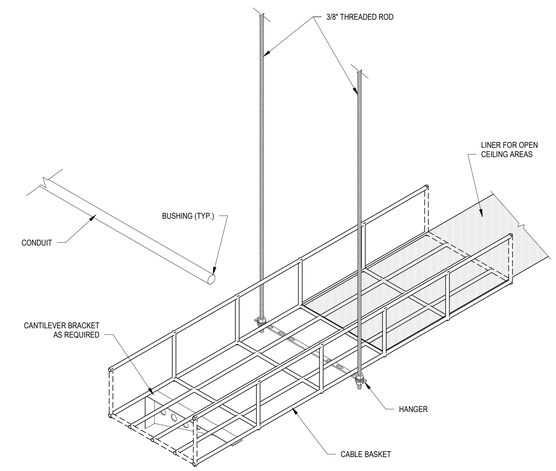
1 TELECOM FACEPLATES
SCALE: 6" = 1'-0"



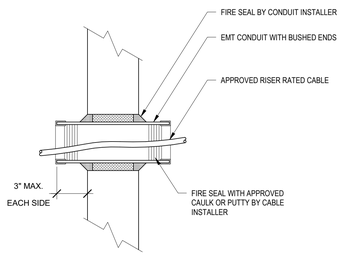
NOTES:

1. LOCATE POWER RECEPTACLE ON SIDE OF STUD CLOSEST TO ROOM ENTRANCE.
2. POWER RECEPTACLE TO BE LOCATED WITHIN 36" OF THE TELECOM WALL OUTLET.
3. SEE THE "TELECOM TYPICAL CONDUIT RISER" FOR CONDUIT REQUIREMENTS BY TELECOM JUNCTION BOX TYPE.

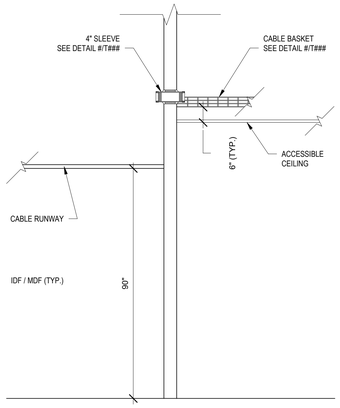
2 TELECOM OUTLET LOCATION WITH POWER RECEPTACLE
SCALE: 1" = 1'-0"



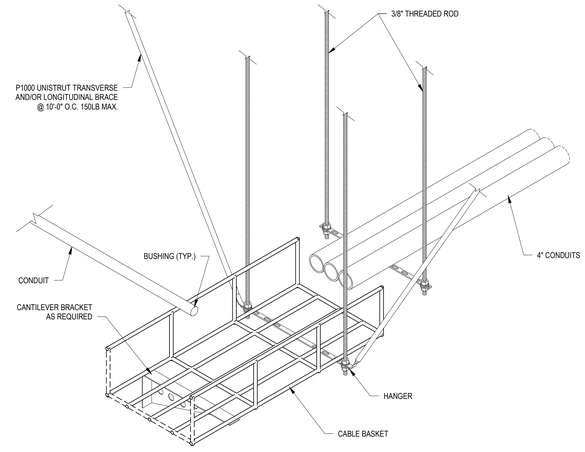
3 SUPPORT - SINGLE CABLE BASKET
SCALE: 1" = 1'-0"



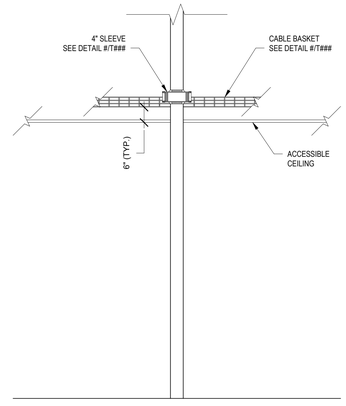
4 CONDUIT SECTION - THRU FIRE RATED WALL
SCALE: 2" = 1'-0"



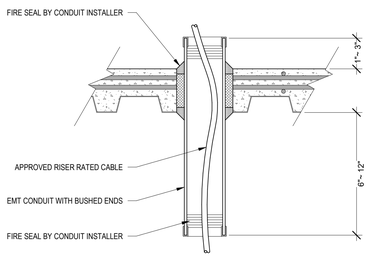
5 THRU WALL SECTION (CABLE RUNWAY / CABLE BASKET)
SCALE: 1/2" = 1'-0"



6 TRANSITION - CABLE BASKET TO CONDUIT
SCALE: 1" = 1'-0"

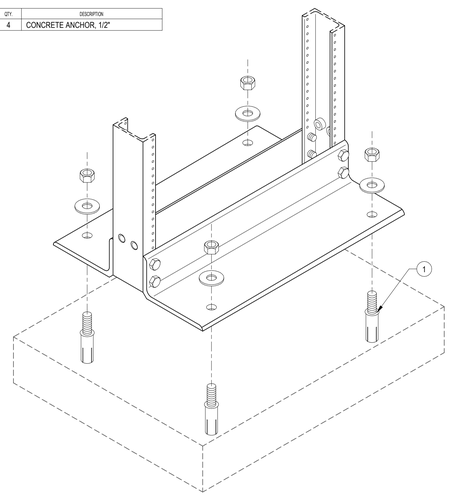


7 THRU WALL SECTION (CABLE BASKET / CABLE BASKET)
SCALE: 1/2" = 1'-0"



8 CONDUIT SLEEVE SECTION - THRU FLOOR SLAB
SCALE: 2" = 1'-0"

ITEM	QTY.	DESCRIPTION
1	4	CONCRETE ANCHOR, 1/2"



9 FLOOR STANDING RACK MOUNT ASSEMBLY (2-POST)
SCALE: 1" = 1'-0"

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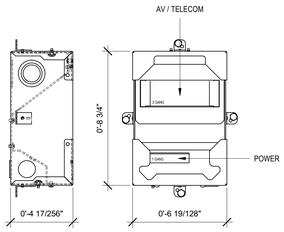
UAPB HEALTH & ALLIED SCIENCES BUILDING
UNIVERSITY OF ARKANSAS AT PINE BLUFF

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 18928 — BRENDON DAVID ADAMS — 8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY		

ISSUE FOR REVIEW:
ISSUE FOR PRICING:
ISSUE FOR CONSTRUCTION:
DATE: 08/31/2026
TITLE: Telecom Details

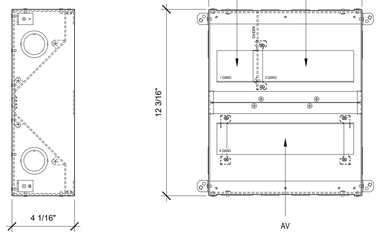
T7.01



KNOCKOUT CHART		
K.O. TRADE SIZE	LOCATION	QTY.
3/4", 1", 1-1/4"	FRONT & BACK	2
3/4"	FRONT & BACK	1
3/4", 1", 1-1/4"	BOTTOM	2
3/4"	BOTTOM	1
3/4", 1", 1-1/4"	SIDES	2
3/4"	SIDES	2

1 FSR FL-200-4 3-GANG FLOOR BOX

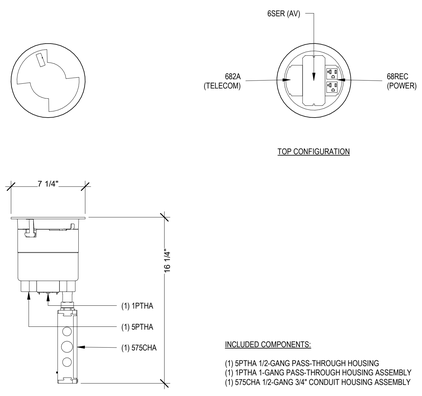
SCALE: 3" = 1'-0"



KNOCKOUT CHART		
K.O. TRADE SIZE	LOCATION	QTY.
1", 1-1/4", 1-1/2"	FRONT & BACK	4
3/4"	FRONT & BACK	4
1", 1-1/4", 1-1/2"	BOTTOM	4
3/4"	BOTTOM	4
1", 1-1/4"	SIDES	4

2 FSR FL-500P-4 8-GANG FLOOR BOX

SCALE: 3" = 1'-0"



INCLUDED COMPONENTS:

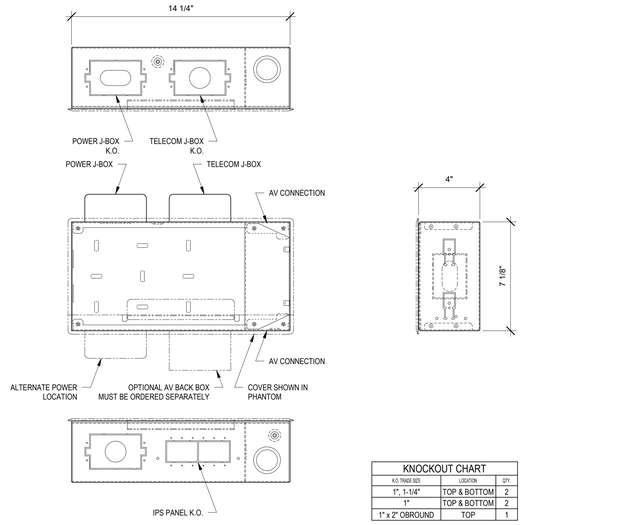
(1) 5PTHA 1/2-GANG PASS-THROUGH HOUSING
(1) 1PTHA 1-GANG PASS-THROUGH HOUSING ASSEMBLY
(1) 575CHA 1/2-GANG 3/4" CONDUIT HOUSING ASSEMBLY

NOTES:

1. NO DEVICE PLATES ARE INCLUDED WITH THE POKE-THRU. DEVICE PLATES SHALL BE ORDERED AS NECESSARY TO MEET THE TOP CONFIGURATION REQUIREMENTS.
2. BOTTOM FEED MOUNT ASSEMBLIES SHOWN ARE INCLUDED. ADDITIONAL BOTTOM FEED MOUNT ASSEMBLIES SHALL BE ORDERED TO MEET THE CONDUIT REQUIREMENTS FROM THE AUDIOVISUAL INFRASTRUCTURE ROOM RISERS AND THE TELECOM TYPICAL CONDUIT RISER.

3 WIREMOLD-LEGRAND 6AT (6ATC2 / 6AT2) 6" POKE-THRU

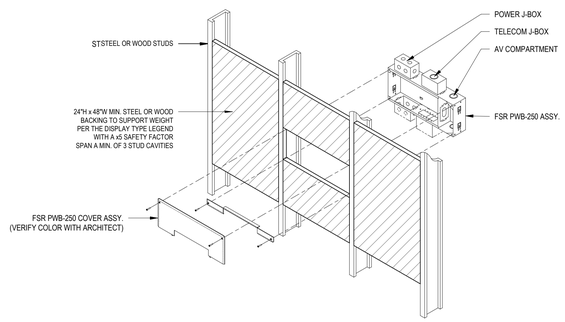
SCALE: 2" = 1'-0"



KNOCKOUT CHART		
K.O. TRADE SIZE	LOCATION	QTY.
1", 1-1/4"	TOP & BOTTOM	2
1"	TOP & BOTTOM	2
1" x 2" OBROUND	TOP	1

4 FSR PWB-250 FLAT PANEL DISPLAY WALL BOX

SCALE: 3" = 1'-0"

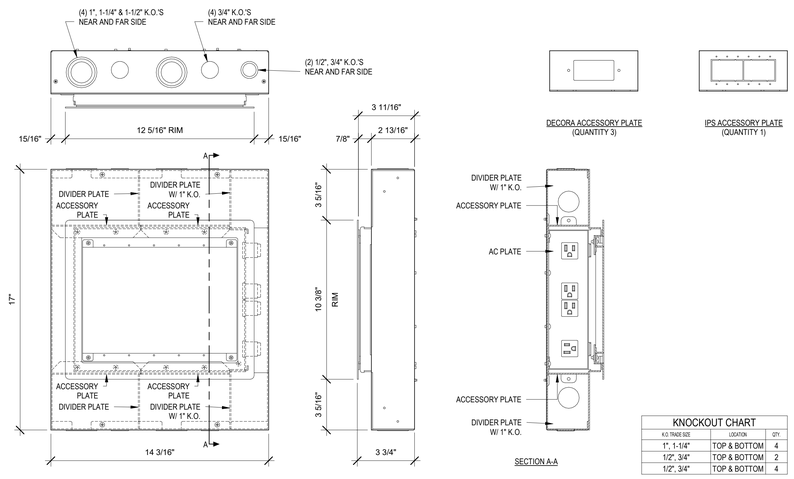


NOTES:

1. BACKING CENTERED AT LOCATION OF FLAT PANEL DISPLAY.
2. BACKING MUST BE 24"H x 48"W MIN.
3. ALWAYS SPAN BETWEEN AT LEAST THREE STUD CAVITIES.
4. SEE PARTITION TYPES FOR STUD SIZE AND MATERIAL.
5. VERIFY LOCATIONS OF BACKING WITH PLANS & ROOM ELEVATIONS.
6. PROVIDE PWB-250-SLD ABANDONMENT COVER AT LOCATIONS MARKED "FUTURE". VERIFY COLOR WITH ARCHITECT.
7. FLAT PANEL DISPLAYS AND MOUNTING BRACKETS BY AV CONTRACTOR.

5 FSR PWB-250 FLAT PANEL DISPLAY AND WALL BOX BACKING

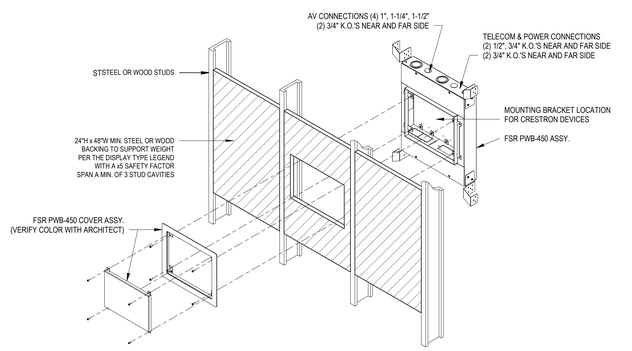
SCALE: 1" = 1'-0"



KNOCKOUT CHART		
K.O. TRADE SIZE	LOCATION	QTY.
1", 1-1/4"	TOP & BOTTOM	4
1/2", 3/4"	TOP & BOTTOM	2
1/2", 3/4"	TOP & BOTTOM	4

6 FSR PWB-450 FLAT PANEL DISPLAY WALL BOX

SCALE: 3" = 1'-0"



NOTES:

1. BACKING AND J-BOX FOR WALL MOUNTED FLAT PANEL DISPLAY.
2. BACKING MUST BE 24"H x 48"W MIN. WITH J-BOX CENTERED AT LOCATION.
3. ALWAYS SPAN BETWEEN AT LEAST THREE STUDS.
4. SEE PARTITION TYPES FOR STUD SIZE AND GAUGE.
5. VERIFY LOCATIONS OF BACKING PLATES WITH PLANS & ROOM ELEVATIONS.
6. PROVIDE PWB-450-SLD ABANDONMENT COVER AT LOCATIONS MARKED "FUTURE". VERIFY COLOR WITH ARCHITECT.
7. FLAT PANEL DISPLAYS AND MOUNTING BRACKETS BY AV CONTRACTOR.

7 FSR PWB-450 FLAT PANEL DISPLAY AND WALL BOX BACKING

SCALE: 1" = 1'-0"

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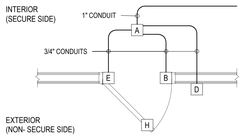
VERIFY SCALE
0 1"

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PRESTON DAVID ADAMS
8-31-26

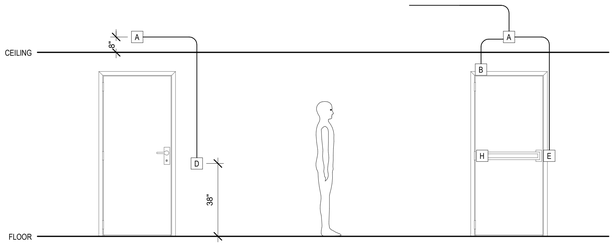
#	DATE	DESCRIPTION
REVISIONS HISTORY		
ISSUE FOR REVIEW:		
ISSUE FOR PRICING:		
ISSUE FOR CONSTRUCTION:		
DATE:		08/31/2026
TITLE:		Audivisual Details

T7.11



SYMBOL	EQUIPMENT DESCRIPTION	QTY.	INFRASTRUCTURE
A	JUNCTION BOX	1	8" x 8" x 4" BOX
B	RECESSED DOOR CONTACT	1	MOUNTED IN DOOR JAM
D	CARD READER	1	MOUNT TO WALL PER ARCHITECT'S INSTRUCTIONS
E	ELECTRIFIED HINGE	1	BY DOOR HARDWARE
H	CRASH BAR	1	BY DOOR HARDWARE

PLAN VIEW

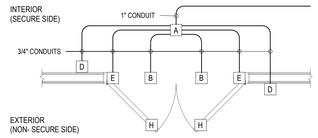


EXTERIOR ELEVATION (NON-SECURE SIDE)
SINGLE DOOR

INTERIOR ELEVATION (SECURE SIDE)
SINGLE DOOR

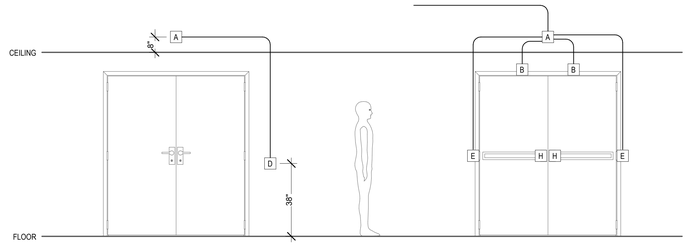
1 SINGLE DOOR - DC CR EH CB

SCALE: 3/8" = 1'-0"



SYMBOL	EQUIPMENT DESCRIPTION	QTY.	INFRASTRUCTURE
A	JUNCTION BOX	1	8" x 8" x 4" BOX
B	RECESSED DOOR CONTACT	2	MOUNTED IN DOOR JAM
D	CARD READER	1	MOUNT TO WALL PER ARCHITECT'S INSTRUCTIONS
E	ELECTRIFIED HINGE	2	BY DOOR HARDWARE
H	CRASH BAR	2	BY DOOR HARDWARE

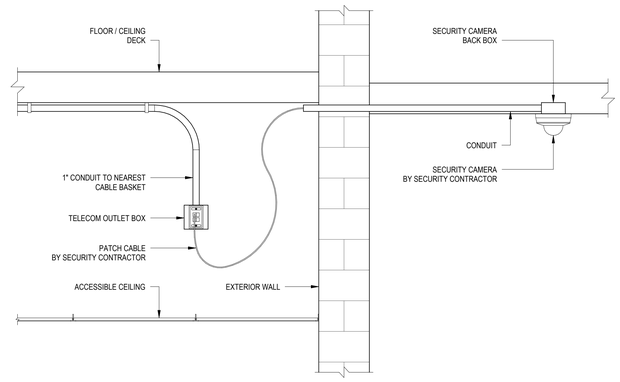
PLAN VIEW



EXTERIOR ELEVATION (NON-SECURE SIDE)
DOUBLE DOOR

INTERIOR ELEVATION (SECURE SIDE)
DOUBLE DOOR

2 DOUBLE DOORS - DC CR EH CB



NOTES:

1. UNLESS OTHERWISE INDICATED GENERAL CONTRACTOR TO PROVIDE ALL ELEMENTS SHOWN.
2. SEE THE TELECOM TYPICAL CONDUIT RISER FOR CONDUIT REQUIREMENTS.

3 EXTERIOR CEILING SURFACE MOUNT CAMERA

SCALE: 1" = 1'-0"

NOTES:

1. UNLESS OTHERWISE INDICATED GENERAL CONTRACTOR TO PROVIDE ALL ELEMENTS SHOWN.
2. SEE THE TELECOM TYPICAL CONDUIT RISER FOR CONDUIT REQUIREMENTS.

4 EXTERIOR WALL CORNER ARM MOUNT CAMERA

SCALE: 1" = 1'-0"

NOTES:

1. UNLESS OTHERWISE INDICATED GENERAL CONTRACTOR TO PROVIDE ALL ELEMENTS SHOWN.
2. SEE THE TELECOM TYPICAL CONDUIT RISER FOR CONDUIT REQUIREMENTS.

5 EXTERIOR WALL FLUSH MOUNT CAMERA

SCALE: 1" = 1'-0"

NOTES:

1. UNLESS OTHERWISE INDICATED GENERAL CONTRACTOR TO PROVIDE ALL ELEMENTS SHOWN.
2. SEE THE TELECOM TYPICAL CONDUIT RISER FOR CONDUIT REQUIREMENTS.

6 ACCESSIBLE CEILING FLUSH MOUNT CAMERA

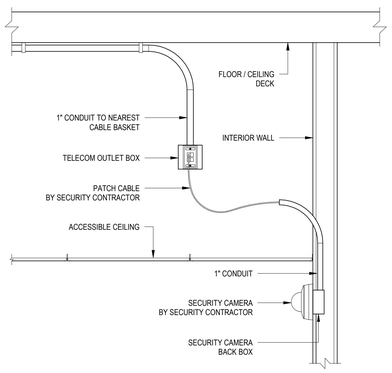
SCALE: 1" = 1'-0"

NOTES:

1. UNLESS OTHERWISE INDICATED GENERAL CONTRACTOR TO PROVIDE ALL ELEMENTS SHOWN.
2. SEE THE TELECOM TYPICAL CONDUIT RISER FOR CONDUIT REQUIREMENTS.

7 NON-ACCESSIBLE CEILING FLUSH MOUNT CAMERA

SCALE: 1" = 1'-0"



NOTES:

1. UNLESS OTHERWISE INDICATED GENERAL CONTRACTOR TO PROVIDE ALL ELEMENTS SHOWN.
2. SEE THE TELECOM TYPICAL CONDUIT RISER FOR CONDUIT REQUIREMENTS.

8 INTERIOR WALL FLUSH MOUNT CAMERA

SCALE: 1" = 1'-0"

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No. 18928
BRYSON DAVID SIMS
8-31-26

#	DATE	DESCRIPTION
REVISIONS HISTORY		

ISSUE FOR REVIEW:

ISSUE FOR PRICING:

ISSUE FOR CONSTRUCTION:

DATE: 08/31/2026

TITLE: Security Details

T7.21