

CLASSROOM ADDITION
JR. HIGH SCHOOL

STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

PROJECT INFORMATION

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

OWNER: STUTTGART SCHOOL DISTRICT
FACILITY: CLASSROOM ADDITION JR. HIGH SCHOOL
LOCATION: STUTTGART, ARKANSAS

BY:
DATE:

CONTRACTOR: NABHOLZ
ADDRESS: --
--

BY:
DATE:

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

BY:
DATE:

PROJECT NUMBER: 26015
DRAWINGS AND PROJECT MANUAL DATED: 2026 09-14

DESIGN DATA

GENERAL CODES:

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

SEISMIC: STORM SHELTER

SEISMIC RISK CATEGORY IV	2021 IBC
SEISMIC DESIGN CATEGORY D	
ARKANSAS COUNTY	AFPC REVISIONS

SEISMIC: BUILDING ADDITION

SEISMIC RISK CATEGORY III	2021 IBC
SEISMIC DESIGN CATEGORY C	
ARKANSAS COUNTY	AFPC REVISIONS

ACCESSIBILITY STANDARDS

ADA STANDARDS FOR ACCESSIBLE DESIGN	2010 EDITION

OCCUPANCY CLASSIFICATION:

EDUCATIONAL: GROUP E	IBC 305

TOTAL BUILDING SQUARE FOOTAGE:

MAIN LEVEL	2515 SQ. FT.

FIRE PROTECTION

PORTABLE FIRE EXTINGUISHERS	NFPA 10
AUTOMATIC SPRINKLER SYSTEM	IBC 903

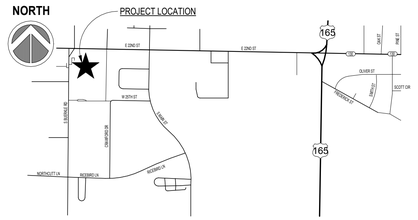
SEE SHEET A2.0 FOR LIFE SAFETY INFORMATION

CERTIFICATION STATEMENT:

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

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

VICINITY MAP



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

SYMBOL LEGEND

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

ABBREVIATIONS

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

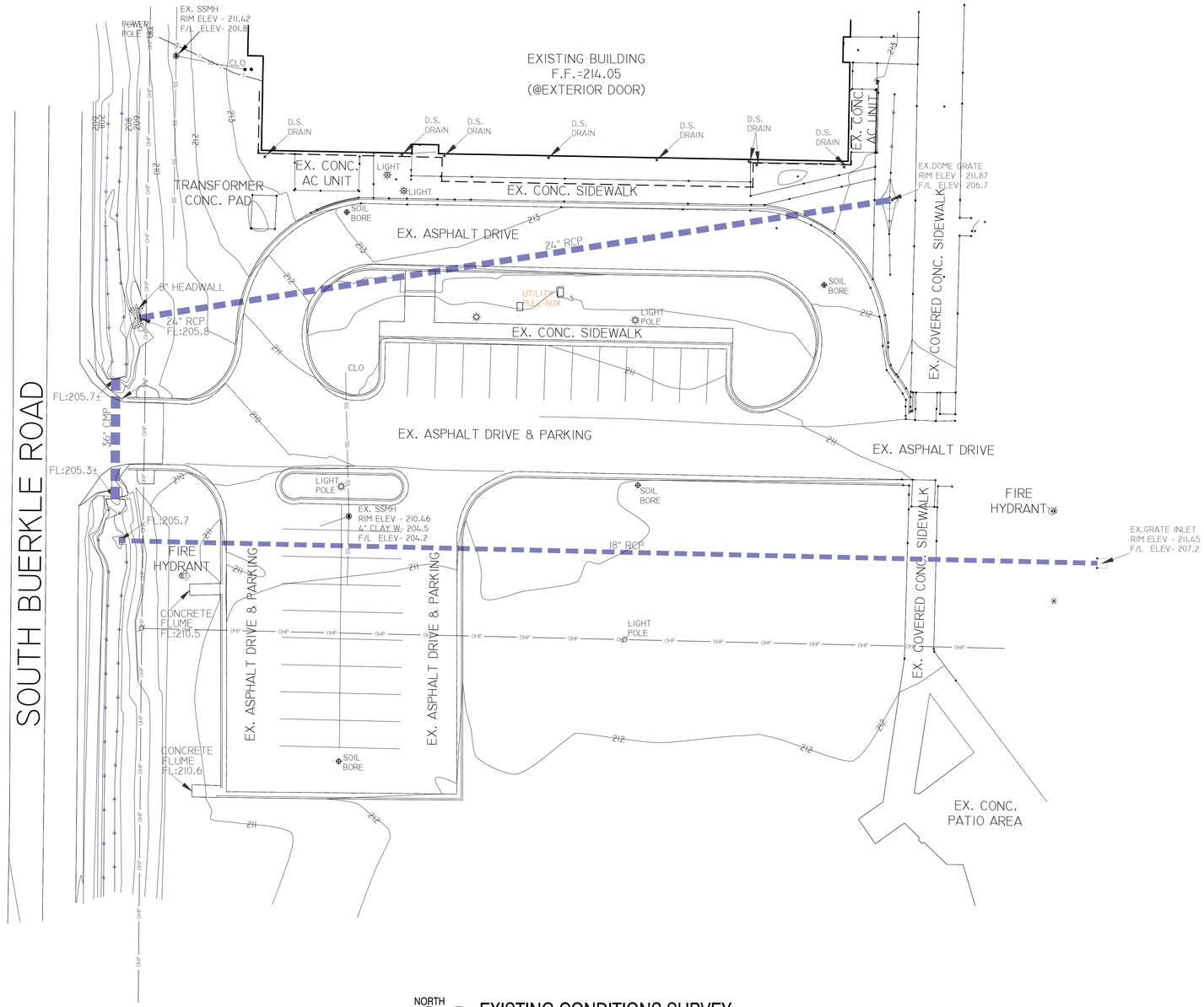
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ARCHITECTS RAGSDALE • WOODWARD • INCORPORATED
ENGINEERS
501 223 9302 • WWW.LEMVRW.COM

CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

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

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: JT
REV:

T1.1
1 OF 1



NORTH

1 / C0.1 EXISTING CONDITIONS SURVEY

SCALE: 1" = 20'

0 20 40

CORNERSTONE SURVEYING & MAPPING
P.O. BOX 1074
GREENBRIER, AR 72058
PHONE (501) 679-1318
survey@cornerstonels.net

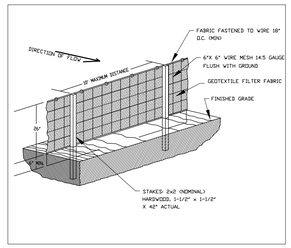
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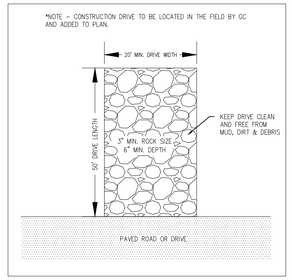
DATE: 2026 09-14
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REVISION:

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

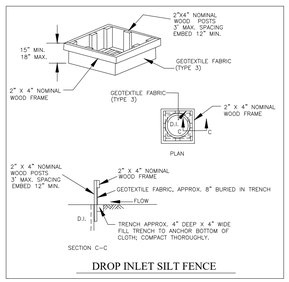
C0.1
1 OF 4



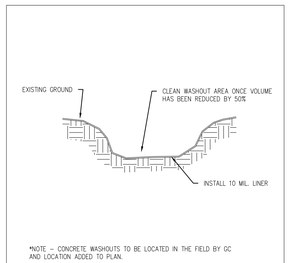
2 C1.0 **SILT FENCE DETAIL**
SCALE: N.T.S.



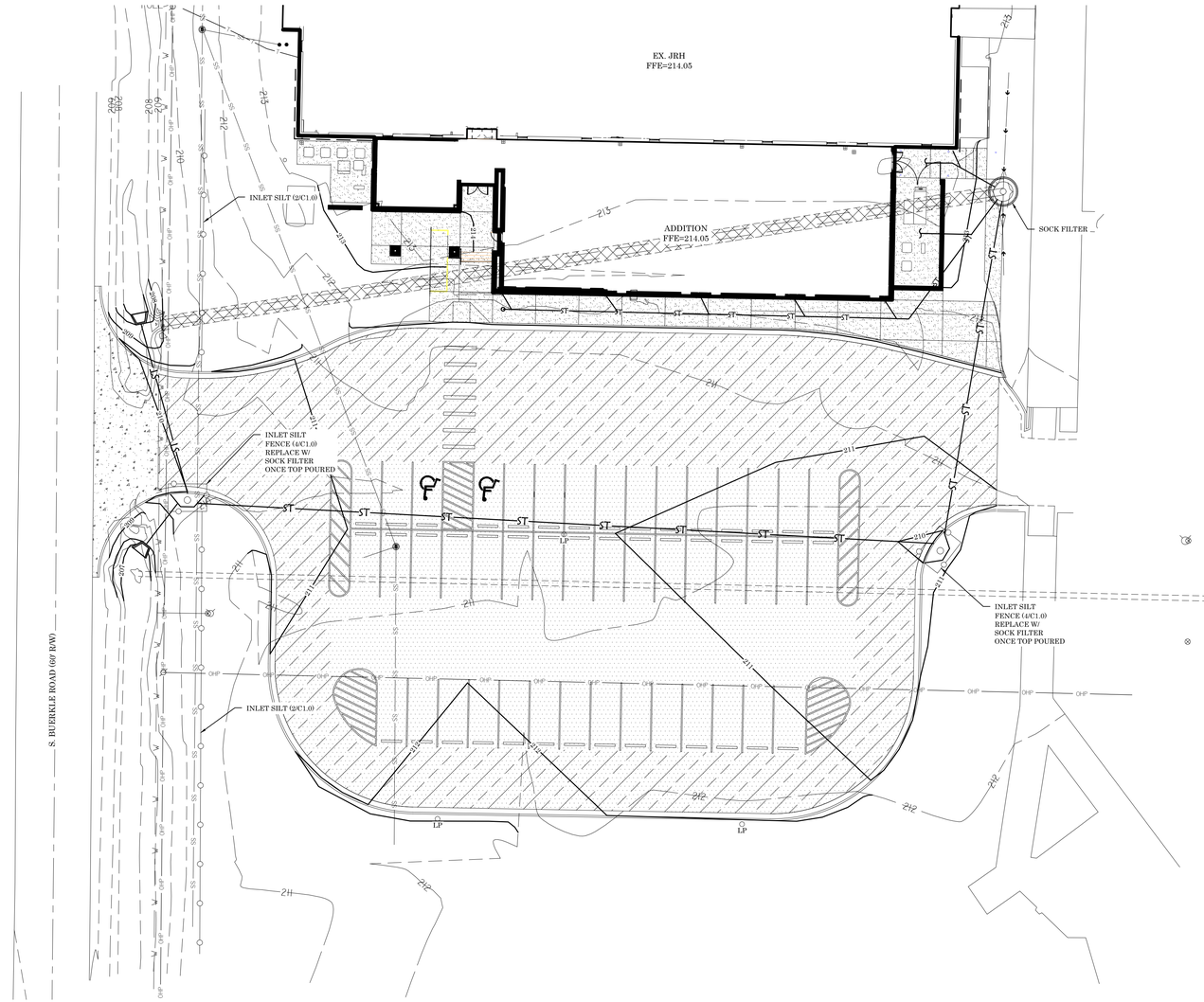
3 C1.0 **CONSTRUCTION DRIVE DETAIL**
SCALE: N.T.S.



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



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



NORTH
1 C1.0 **SITE EROSION CONTROL PLAN**
SCALE: 1" = 20'
0 20 40

GENERAL EROSION CONTROL NOTES:

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

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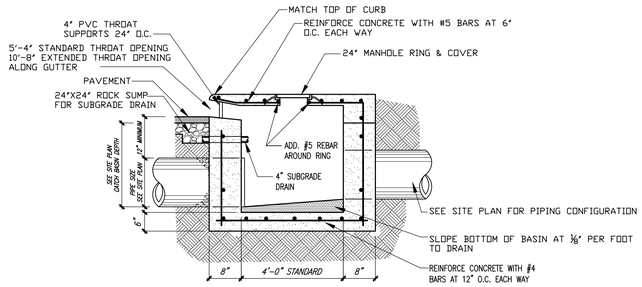
STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12742 JAMES M. WINTON
9/14/26

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

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: JM
REVISION:

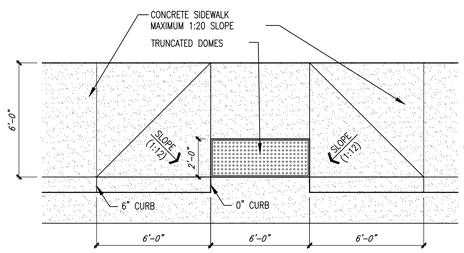
ARKANSAS ONE CALL SYSTEM, INC. 811 DIG SAFE STOP-CALL BEFORE YOU DIG!

C1.0
2 OF 4



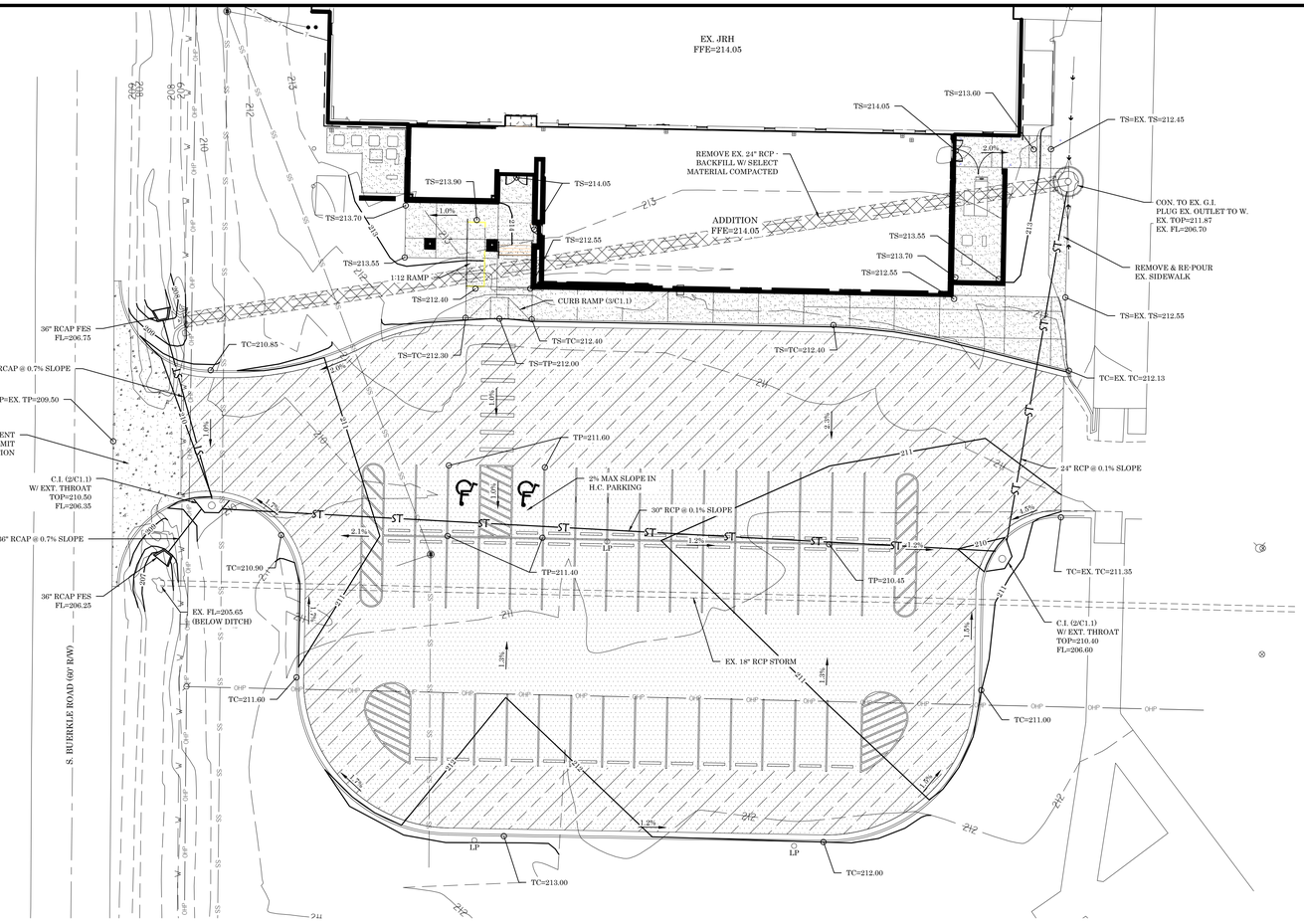
2 C1.1 STORM DRAINAGE CURB INLET (C.I.) DETAIL

NOT TO SCALE



3 C1.1 ACCESSIBLE CURB RAMP DETAIL

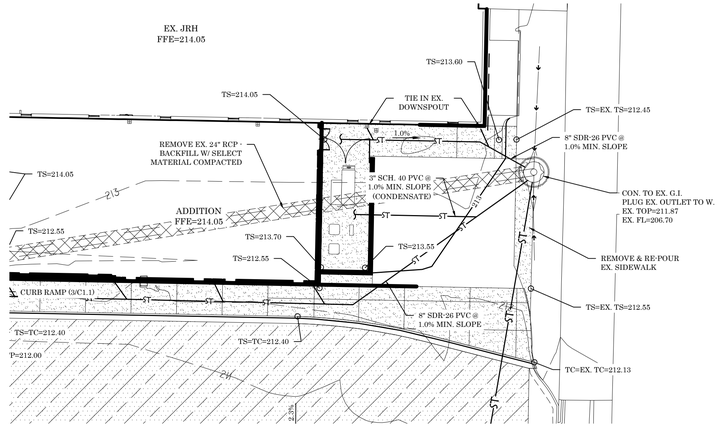
NOT TO SCALE



NORTH 1 C1.1 SITE GRADING & STORM DRAINAGE PLAN

SCALE: 1" = 20'

0 20 40



NORTH 4 C1.1 ALTERNATE PLAN

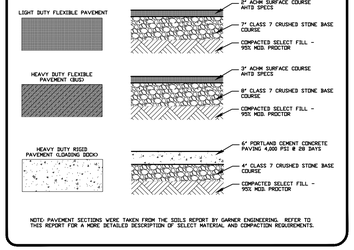
SCALE: 1" = 20'

0 20 40

GENERAL SITE GRADING NOTES:

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

PAVING LEGEND:



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

SITE LEGEND:

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

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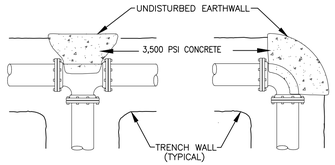
STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12742 JOSHUA M. WINTON
9/14/26

CERTIFICATE OF AUTHORIZATION
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NO. 1564
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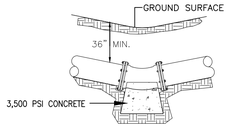
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REVISION:

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

C1.1
3 OF 4



TEE



VERTICAL (CRADLE)

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

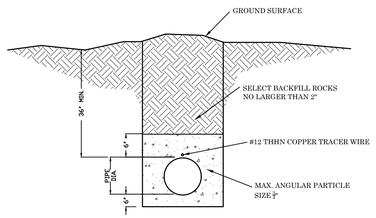
45° BEND
22 1/2° BEND (SIMILAR)
11 1/4° BEND (SIMILAR)

NOTES:

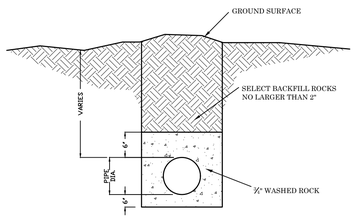
1. All fittings shall be mechanical joint with retainer glands.
2. Do not cover bells or flanges with concrete.
3. Wrap all fittings with visqueen.
4. Back all tees according to size of branch.
5. Backing future line extensions shall be such that later removal is possible.
6. All bends where fittings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

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

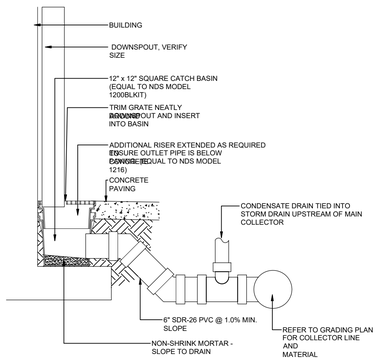
2 / C1.2 WATERLINE BLOCKING DETAIL
NOT TO SCALE



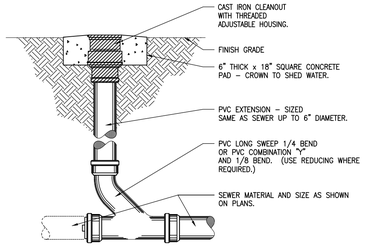
3 / C1.2 WATER BEDDING DETAIL
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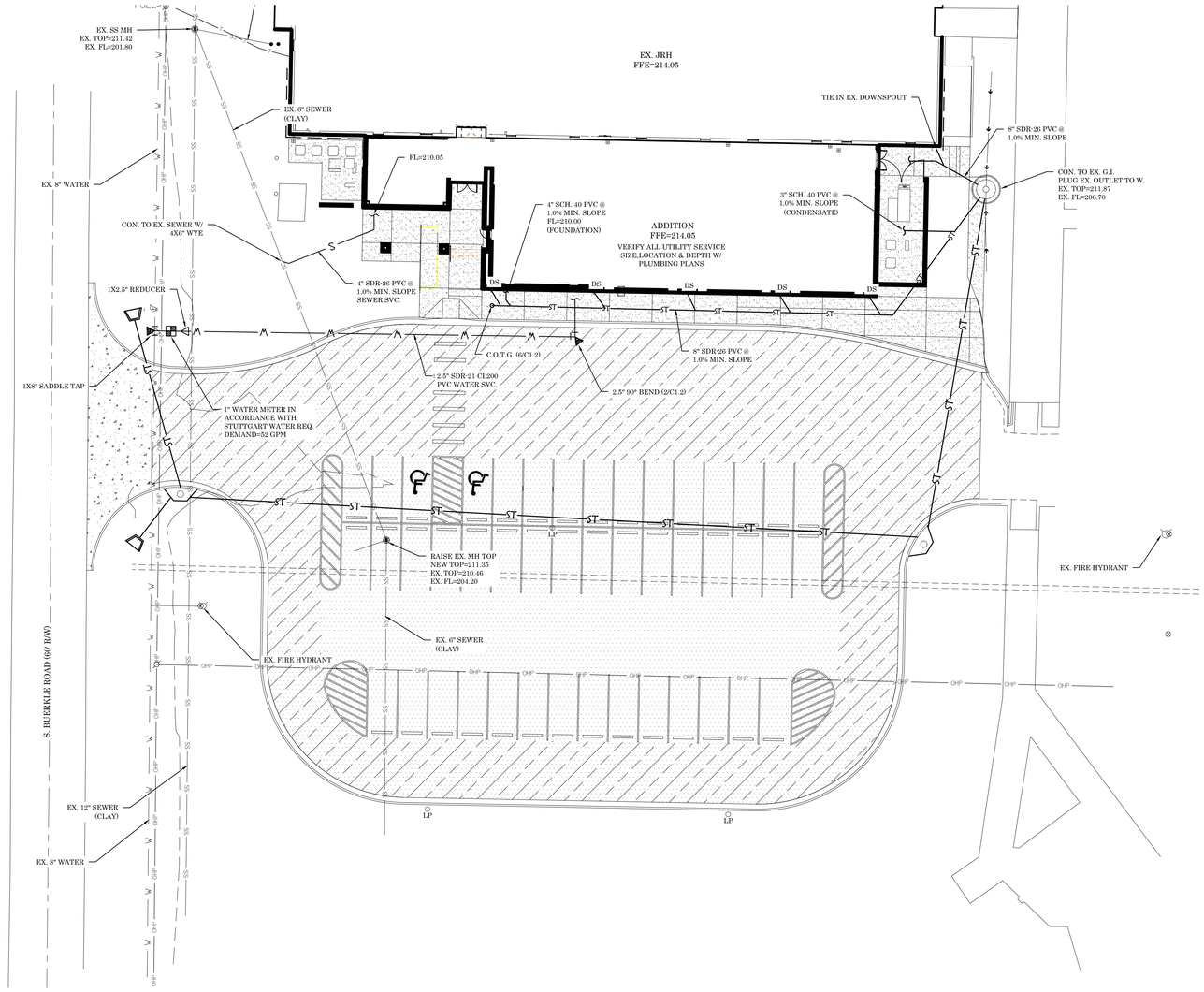
4 / C1.2 SEWER BEDDING DETAIL
NOT TO SCALE



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



6 / C1.2 CLEANOUT TO GRADE (C.O.T.G.) DETAIL
NOT TO SCALE



NORTH

1 / C1.2 SITE UTILITY PLAN
SCALE: 1" = 20'

0 20 40

SITE LEGEND:

100	EX. CONTOUR LINE
PL	PROPERTY LINE
S	EX. SEWER LINE
G	EX. GAS LINE
E	EX. OVERHEAD ELECTRIC
W	EX. WATER LINE
	EX. TREE
100	PR. CONTOUR
W	PR. WATER
S	PR. SEWER
G	PR. GAS
ST	PR. STORM PIPE
	PR. WATERLINE BLOCKING
	PR. CONCRETE
TS	TOP OF SIDEWALK
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C.O.T.G.	CLEAN OUT TO GRADE
EX	EXISTING
PR	PROPOSED

GENERAL UTILITY NOTES:

1. ALL BIDDERS SHALL FIELD VERIFY EXIST SITE CONDITIONS SO AS TO BE FAMILIAR WITH PROJECT PRIOR TO BIDDING WORK INCLUDED IN THIS CONTRACT. ANY DISCREPANCIES SHALL BE ADDRESSED PRIOR TO BIDDING.
2. CONTRACTOR TO VERIFY AND MARK ALL EXISTING UTILITIES PRIOR BEFORE ANY DEMOLITION OR NEW CONSTRUCTION WORK COMMENCES.
3. ALL WORK SHALL CONFORM TO LOCAL & STATE CODES; ELECTRICAL & PLUMBING LINES SHALL BE INSTALLED BY PROFESSIONALS LICENSED BY THE STATE OF ARKANSAS.
4. ALL WORK SHALL CONFORM TO THE SPECIFICATIONS SET FORTH BY THE ARKANSAS DEPARTMENT OF HEALTH AND THE STUTTGART WATER DEPARTMENT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY CONNECTION FEES AND AS-BUILTS REQUIRED.
5. CONTRACTOR TO VERIFY UTILITY CONNECTION LOCATIONS TO THE BUILDING WITH THE PLUMBING SHEETS.
6. ALL WATER AND SEWER LINES SHALL MAINTAIN 10' OF HORIZONTAL SEPERATION AND 18" OF VERTICAL SEPERATION, WATER OVER SEWER. WATERTIGHT CASING WITH SEALED WATERTIGHT ENDS WILL BE REQUIRED IF THESE DIMENSIONS CAN NOT BE ACHIEVED.

GRADATION PLAN NOTE

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

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

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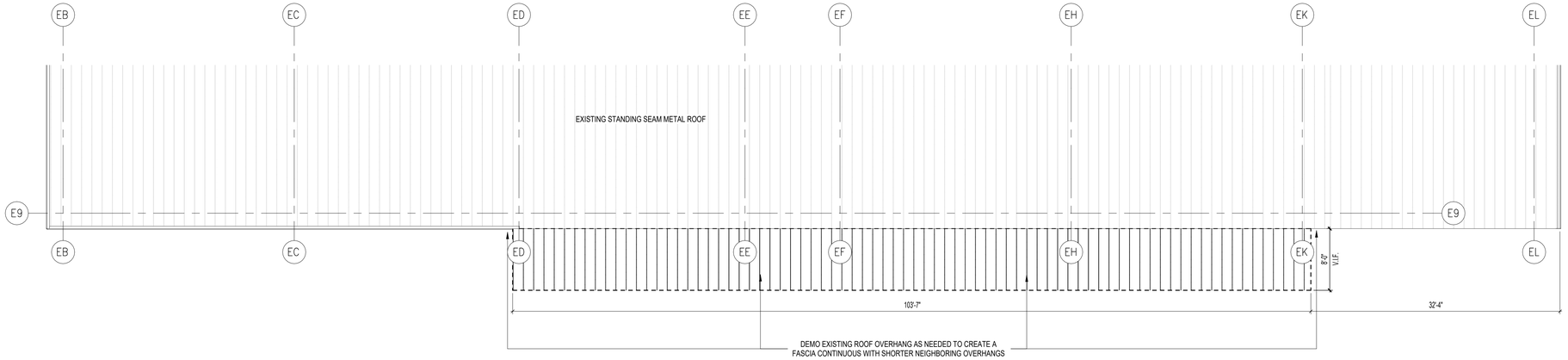
CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

STATE OF ARKANSAS
JAMES M. WINTON
No. 12742
REGISTERED PROFESSIONAL ENGINEER
9/14/26

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

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: JM
REVISION:

C1.2
3 OF 4



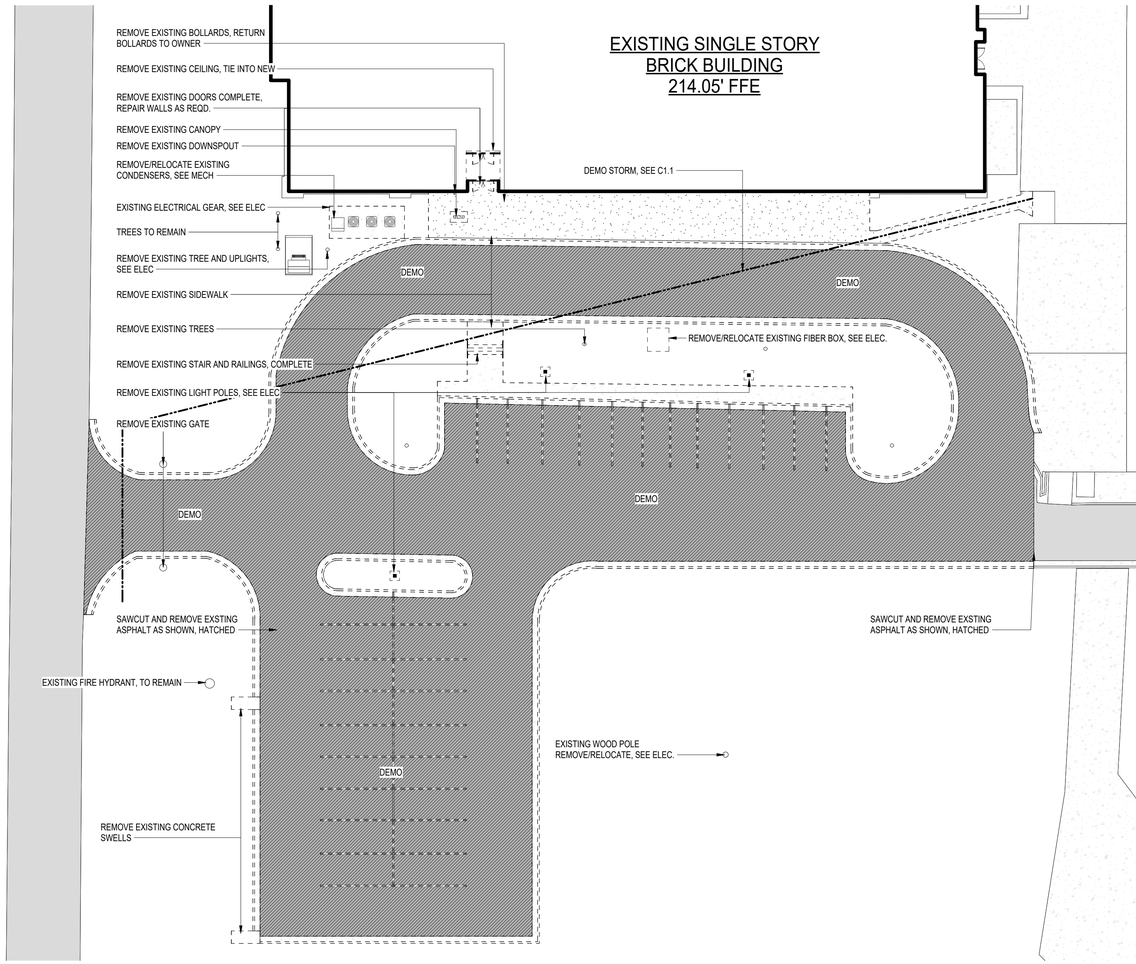
NORTH

2 / A0.1 DEMO ROOF PLAN

1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. SEE ALL OTHER DRAWINGS (PLANS, SECTIONS , STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, ETC.) FOR ADDITIONAL DEMOLITION NOT SHOWN ON DEMOLITION PLAN.
2. WHERE WALLS TO BE REMOVED ADJOIN OR ABUT EXISTING WALLS TO REMAIN, PROTECT WALLS TO REMAIN DURING DEMOLITION. ALL REMAINING WALLS TO BE PATCHED AND REPAIRED AS REQUIRED SO THAT NO EVIDENCE OF REMOVED WALLS REMAIN VISIBLE.
3. NO STRUCTURAL ELEMENTS (BEAMS, COLUMNS, BEARING WALLS, ETC.) SHALL BE REMOVED UNLESS SPECIFICALLY NOTED IN STRUCTURAL DRAWINGS.
4. DEMOLITION OF ANY ITEM (DOOR, WINDOW, WALL, ETC.) SHALL NOT COMPROMISE THE SECURITY OF THE BUILDING AT ANY TIME. BUILDINGS MUST REMAIN LOCKABLE AT NIGHT, ON WEEKENDS, AND ALL OTHER TIMES WORKERS ARE NOT PRESENT.
5. CONTRACTOR IS RESPONSIBLE FOR DISPOSAL (ACCORDING TO ALL LOCAL, STATE AND FEDERAL REGULATIONS) OF ITEMS SHOWN TO BE REMOVED.
6. CONTRACTOR TO VISIT THE SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
7. ANY / ALL PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED / REPLACED, AT THE DISCRETION OF THE ARCHITECT, BY THE CONTRACTOR TO THE SATISFACTION OF THE ARCHITECT.
8. CARE SHALL BE TAKEN DURING DEMOLITION TO PROTECT ALL ELEMENTS OF THE BUILDING.
9. DEMO AND REPAIR EXISTING AS REQUIRED FOR THE INSTALLATION OF ALL NEW CONSTRUCTION (SHOWN OR NOT), SEE STRUCT, MECH, ELECT AND PLUMBING DRAWINGS. PATCH AND REPAIR EXISTING AS REQUIRED BY DEMOLITION OF ALL TRADES
10. SAW-CUT, REMOVE, AND REPLACE EXISITING FLOOR SLAB AS REQUIRED FOR ALL NEW UNDERSLAB UTILITY INSTALLATIONS
11. REMOVE EXISTING CEILINGS AT ALL SPACES WHERE NEW CEILINGS ARE SHOWN AND/OR SCHEDULED
12. REMOVE EXISTING FLOOR FINISHES AT ALL SPACES WHERE NEW FLOOR FINISHES ARE SCHEDULED



NORTH

1 / A0.1 SITE DEMOLITION PLAN

1" = 20'-0"

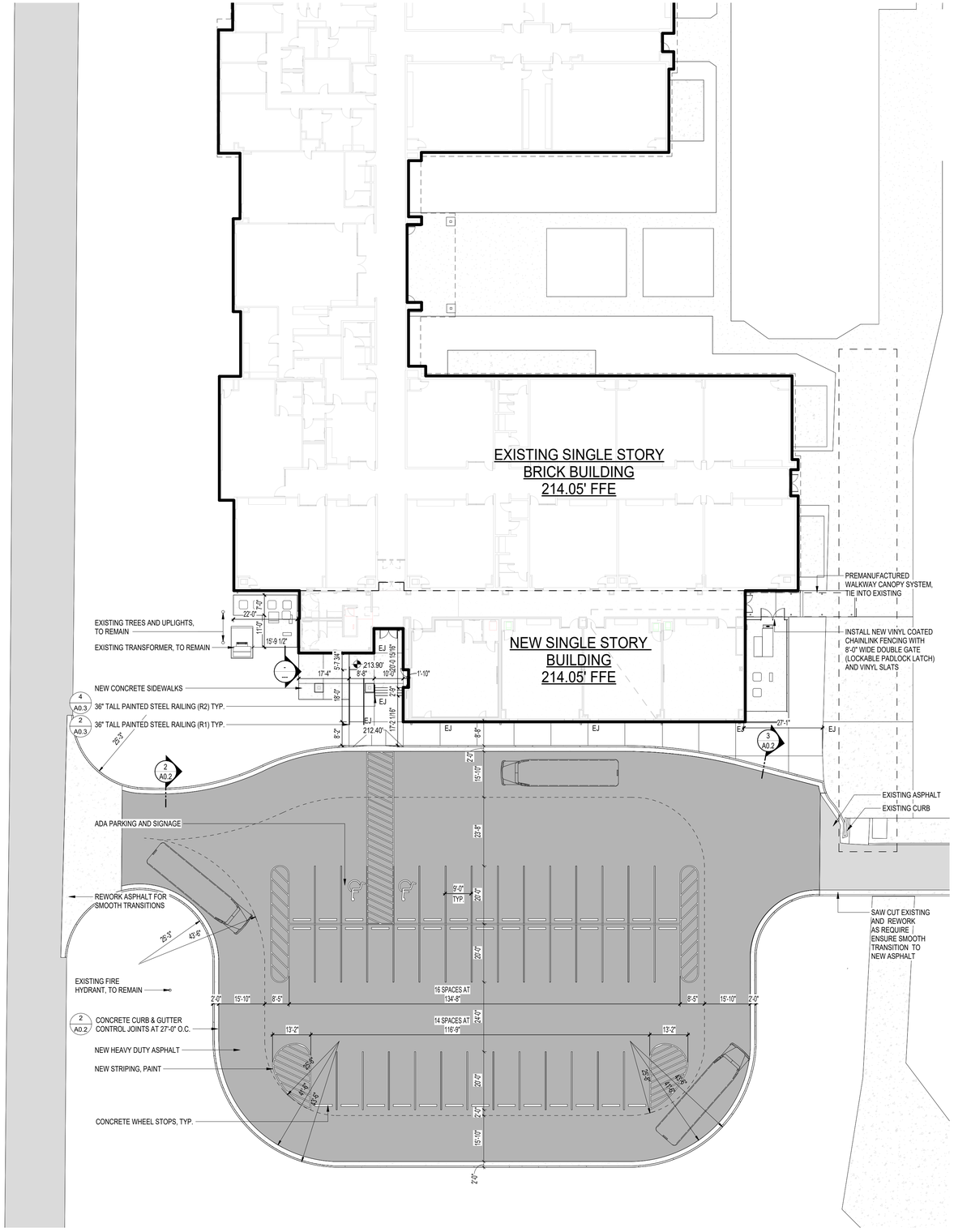
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JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, RAGSDALE, WOODWARD, INC.
NO. C-82
ARKANSAS
9/14/26

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: JT
REV:

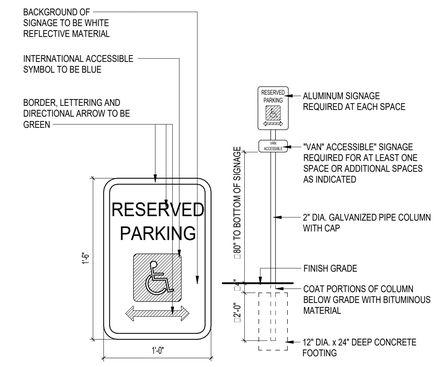
A0.1



NORTH

1 A0.2 SITE PLAN
1" = 20'-0"

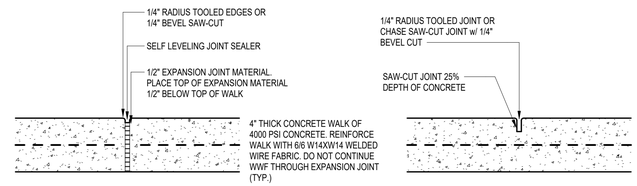
0 10' 20' 40'



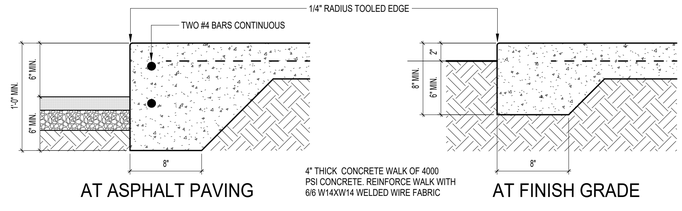
5 A0.2 ADA SIGN DETAIL
1 1/2" = 1'-0"

GENERAL SITE NOTES

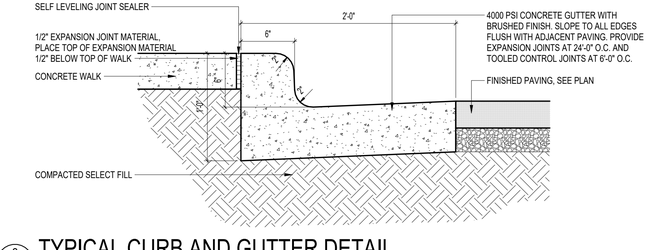
1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE "PROJECT SPECIFICATIONS".
3. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING,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



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



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



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

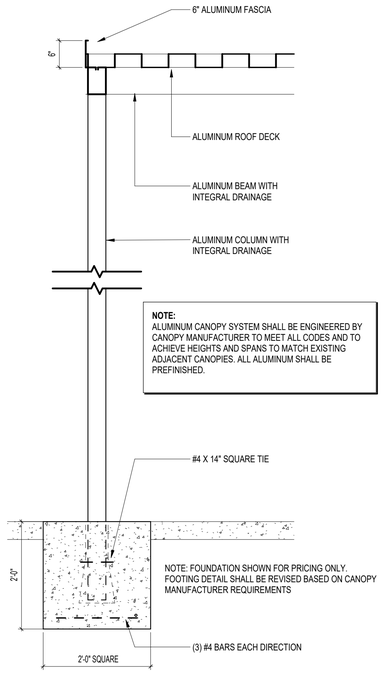
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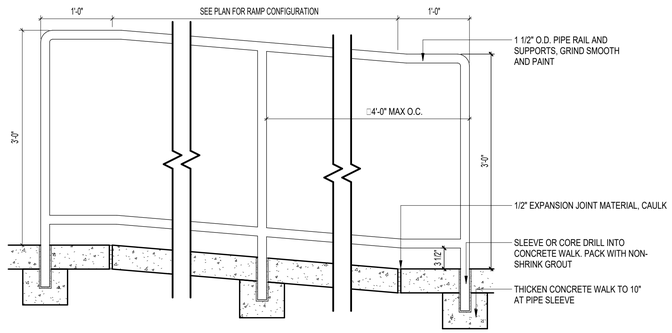
Registered Architect
LEWIS, ELLIOTT, MCMORRAN, RAGSDALE, WOODWARD, INC.
NO. C-82
ARKANSAS
9/14/26

DATE: 2026 09-14
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DRAWN BY: JT
REV:

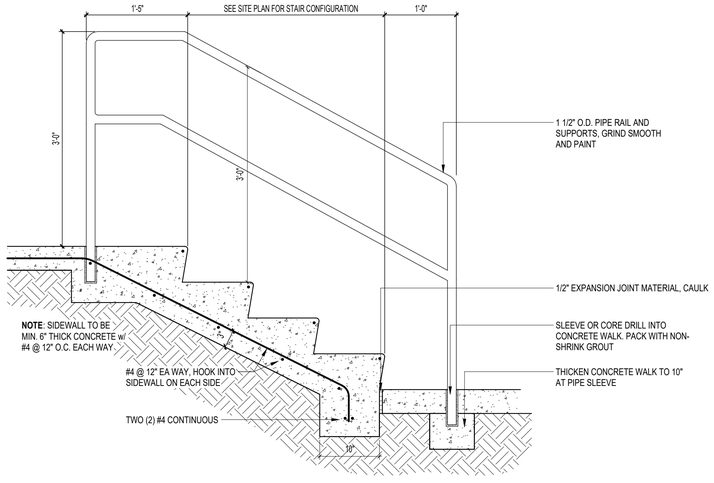
A0.2



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



2 A0.3 PIPE HANDRAIL AT EXTERIOR RAMP (R1)
1" = 1'-0"



4 A0.3 PIPE HANDRAIL AT EXTERIOR STAIR
1" = 1'-0"

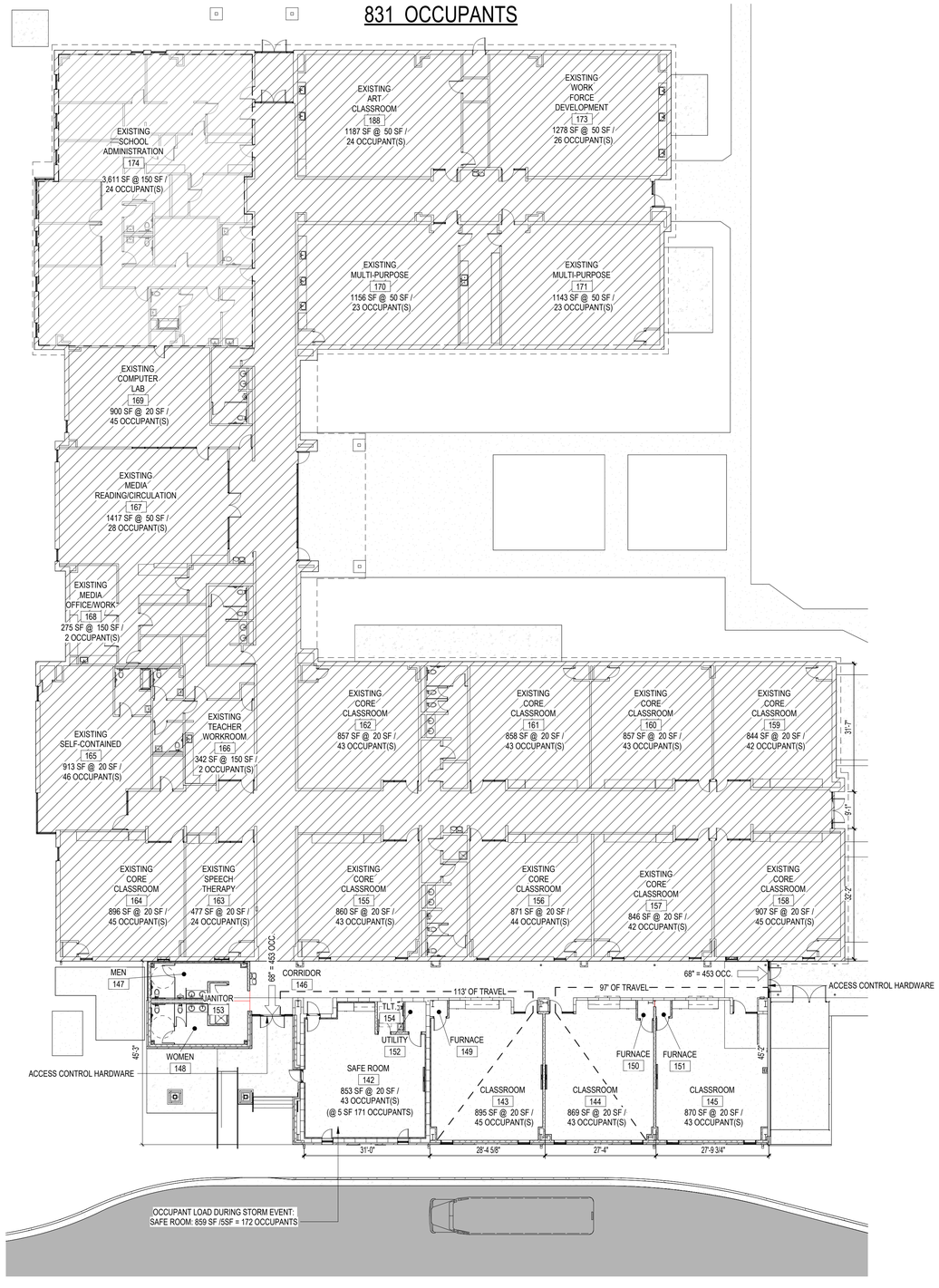
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A0.3



NORTH

1 A1.0 LIFE SAFETY - MAIN LEVEL

1/16" = 1'-0"

LIFE SAFETY INFORMATION

1 - GROUP E, S-I,TYPE II-B

OCCUPANCY CLASSIFICATION:
EDUCATIONAL — IBC 305

CONSTRUCTION TYPE:
TYPE II-B — IBC TBL 601

FIRE PROTECTION
PORTABLE FIRE EXITING — NFPA 10
2HR RATED FIRE PARTITION — IBC 708
AUTOMATIC SPRINKLER SYSTEM — IBC 903

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

ACTUAL AREA (MEASURED WITHIN EXTERIOR WALLS):
5,586 SF NEW ADDITION
29,422 SF EXISTING BUILDING
35,008 SF TOTAL BUILDING

ALLOWABLE HEIGHT (TABLE 504.3):
75 FEET

ACTUAL HEIGHT
22 FEET (ROOF OF ADDITION)

ALLOWABLE STORIES (TABLE 504.4):
THREE STORIES

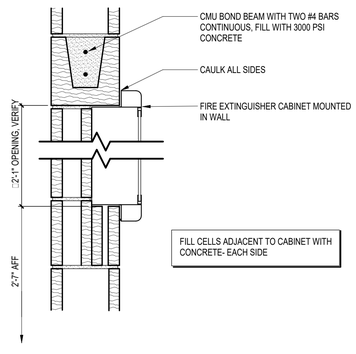
ACTUAL STORIES:
ONE STORY

1 MAIN LEVEL OCCUPANT LOAD:

TOTAL: 175 OCCUPANTS
EXITS REQUIRED: 3 (3 PROVIDED)
EGRESS REQUIRED: 175 OCCUPANTS/3 EXITS = 59 OCCUPANTS PER EXIT

DOORS = 175 OCCUPANTS TRANSLATES TO 26.25" TOTAL.

NO STAIRS EXITING FROM MAIN LEVEL



2 A1.0 FIRE EXTINGUISHER CABINET-CMU

1 1/2" = 1'-0"

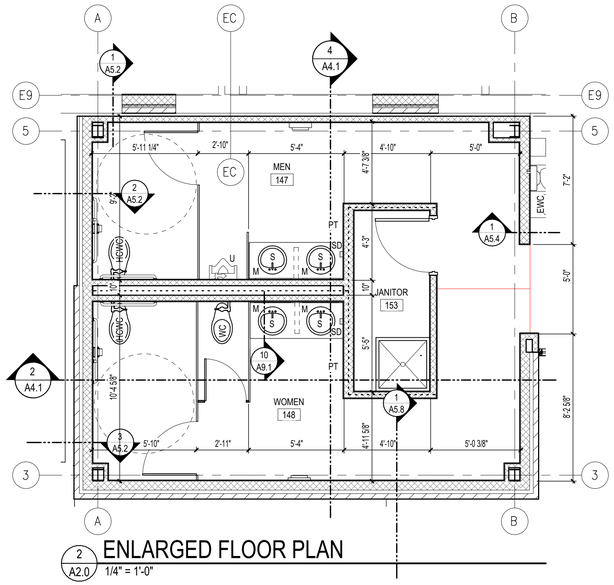
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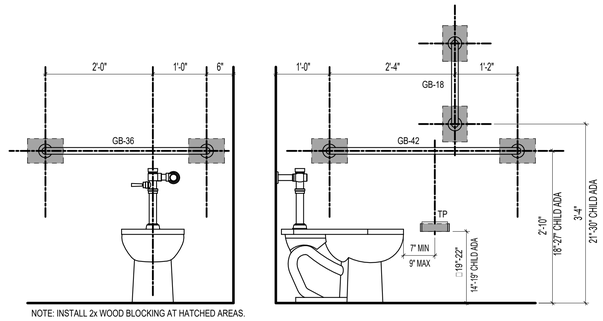
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NO. C-82
ARKANSAS

DATE: 2026 09-14
PROJECT NO: 26015
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A1.0



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



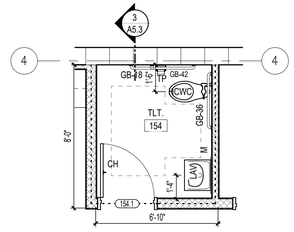
NOTE: INSTALL 2x WOOD BLOCKING AT HATCHED AREAS.

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

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MOUNTING HEIGHT
GB-36	GRAB BAR - 36"	34" A.F.F. to CENTERLINE
GB-42	GRAB BAR - 42"	34" A.F.F. to CENTERLINE
GB-18	VERTICAL GRAB BAR - 18"	40" A.F.F. to BASE
S	SINK - COUNTER MOUNTED	
CH	COAT HOOK	54" A.F.F.
M	MIRROR	24"X36" ; 40" A.F.F. to BOTTOM OF REFLECTIVE SURFACE
HCWC	H.C. WATER CLOSET	17" A.F.F. to SEAT
WC	WATER CLOSET	15" A.F.F. to SEAT
U	URINAL	24" A.F.F. to RIM
LAV	LAVATORY - WALL MOUNTED	34" A.F.F. to RIM
EWC	ELECT. WATER COOLER w/ BOTTLE FILLER	42" to SPOUT / 36" to SPOUT @ ADA

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

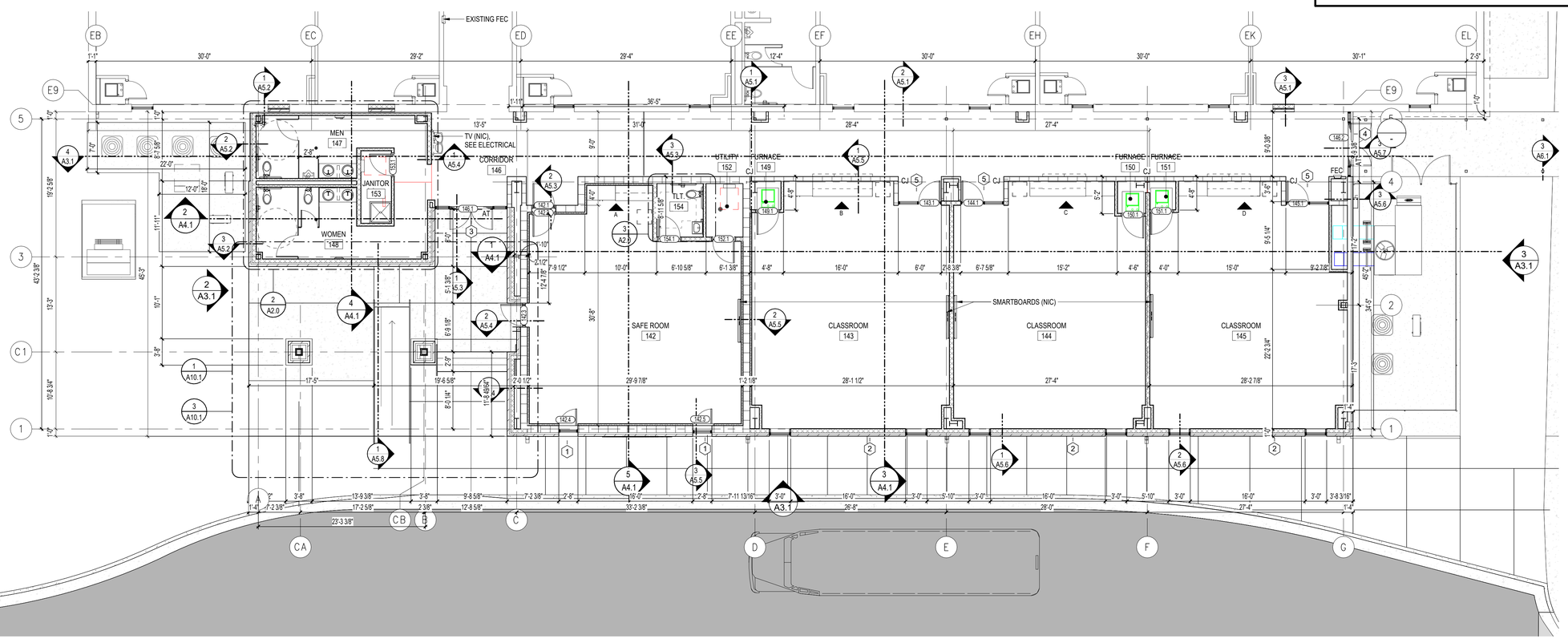


3 A2.0 ENLARGED FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES

1. SEE OVERALL PLAN SHEET A2.0 FOR CODE DATA AND FIRE PROTECTION REQUIRMENTS AND METHODS
2. CONTRACTOR TO VISIT SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING PROJECT. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
3. INTERIOR LIGHT GAUGE METAL STUD WALLS
   1. WALLS SHALL BE FRAMED WITH 3 5/8" OR 6" (SEE PLAN) MEMBERS AT 16" O.C. w/ CONTINUOUS TRACK TOP AND BOTTOM, UNLESS NOTED OTHERWISE.
   2. EXTEND ALL WALLS 8" MIN. ABOVE CEILING.
   3. WALLS IN SAFE ROOM SHALL EXTEND TO CONCRETE CAP ON STEEL DECK ABOVE
   4. LIGHT GAUGE FRAMING NOT SUFFICIENTLY BRACED BY INTERSECTING FRAMING OR REQUIRED BY HEIGHT OF FRAMING SHALL BE BRACED TO STRUCTURE WITH METAL STUD KICKERS (APPROXIMATELY 45 DEGREES) AT 48" ON CENTER MAXIMUM.
4. INTERIOR CONCRETE BLOCK WALLS
   1. WALLS SHALL BE 8" CMU (4" CMU AT CHASE WALLS, TOILET PARTITIONS, AND COLUMN WRAPS)
   2. WALL SHALL EXTEND TO 8" ABOVE HIGHEST ADJACENT CEILIING
   3. WALLS WITHOUT AN ADJACENT FINISHED CEILING SHALL EXTEND TO 10'-8" AFF AND EXTEND TO DECK WITH METAL STUD FRAMING WITH 5/8" GYPSUM (EXPOSED SIDE(S)
   4. SEE STRUCTURAL DRAWINGS FOR REINFORCING AND SAFE ROOM CONSTRUCTION.
1. PRIVACY WALLS (BLOCK OR STUD) SHALL EXTEND TO FLOOR DECK OR 5'-0" ABOVE HIGHEST ADJACENT CEILING WITH L.G. METAL FRAMING AND 5/8" GYPSUM BOARD ON AT LEAST ONE SIDE. PRIVACY WALLS SHALL BE MARKED THUS:

2. INTERIOR DOORS NOT DIMENSIONS SHALL BE LOCATED AS FOLLOWS:
   1. HINGE SIDE ADJACENT TO INTERSECTING WALL (CMU)
   2. LATCH SIDE 1'-4" OFF INTERSECTING WALL (STUD/CMU)
   3. CENTERED BETWEEN INTERSECTING WALLS (STUD/CMU)
3. PROVIDE HOUSEKEEPING PADS FOR ELECTRICAL AND MECHANICAL EQUIPMENT. VERIFY SIZE AND LOCATION WITH ELECTRICAL, PLUMBING, AND HVAC INSTALLERS AND MANUFACTURERS.
4. FOR SOUND TRANSFER CONTROL, FILL STUD WALLS WITH SOUND ATTENUATION BLANKETS. INSTALL BATT INSULATION ON ALL CEILING AROUND PERIMETER OF ROOMS EXTENDING 2'-0" FROM ALL INTERIOR WALLS UNLESS NOTED OTHERWISE IN REFLECTED CEILING PLAN NOTES.
5. GYPSUM BOARD EXPANSION JOINTS SHALL BE LOCATED 30'-0" O.C. MAXIMUM. VERIFY LOCATIONS WITH ARCHITECT. LOCATE ABOVE DOOR HEADS WHERE POSSIBLE.
6. FIELD VERIFY ALL DIMENSIONS FOR HANDRAILS, EQUIPMENT, ETC. PRIOR TO FABRICATION AND INSTALLATION
7. PROVIDE WOOD FOR BLOCKING WHERE BLOCKING IS REQUIRED. WHERE BLOCKING CONTACTS METAL FRAME, STUDS, ETC. SEPARATE WITH BUILDING FELT TO AVOID REACTIONS BETWEEN WOOD AND METALS.
8. ALL FIRE WALLS AND BARRIERS SHALL BE MARKED WITH SIGNAGE READING, "FIRE AND/OR SMOKE BARRIER- PROTECT ALL OPENINGS" ACCORDING TO 2021 ARKANSAS FIRE PREVENTION CODE SECTION 703.7. ALL PENETRATIONS SHALL BE PROTECTED BY AN APPROVED THROUGH-PENETRATION FIRESTOP SYSTEM IN ACCORDANCE WITH UL 1479



NORTH

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

GROSS SQUARE FOOTAGE: 5,586 SQ FT

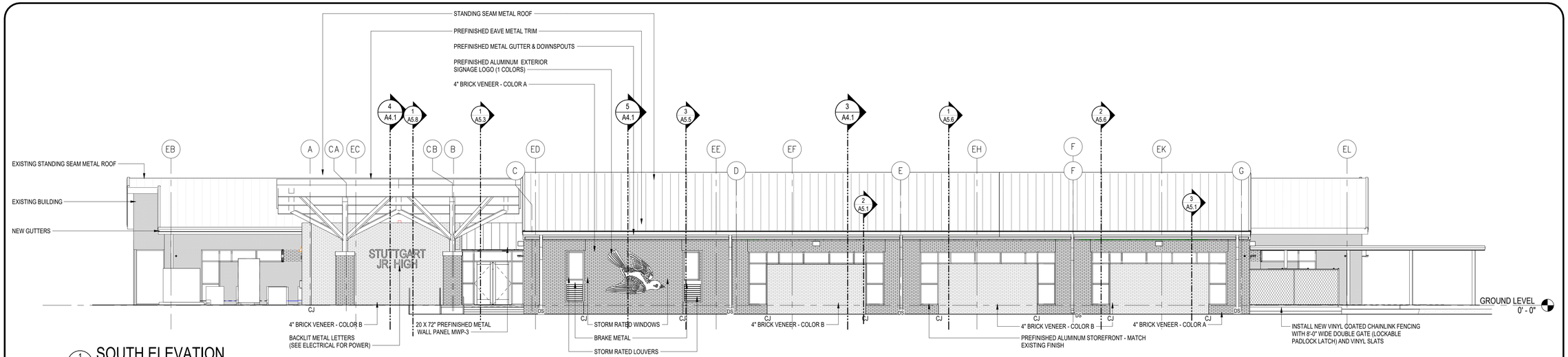
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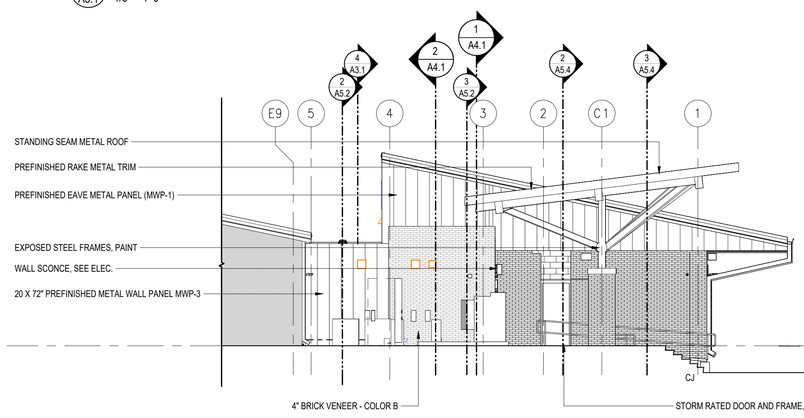
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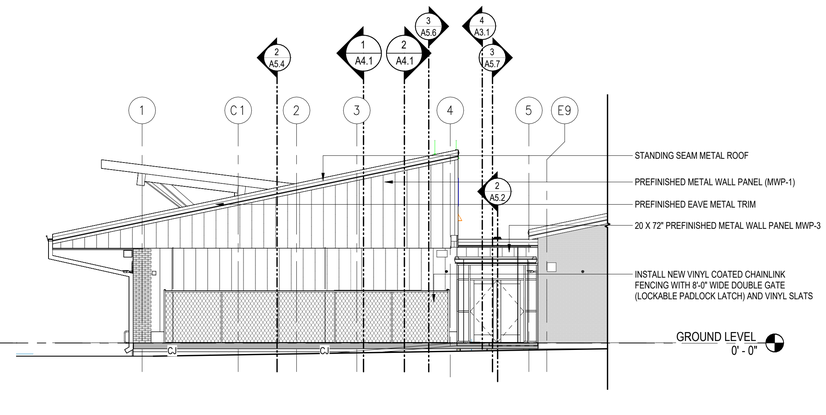
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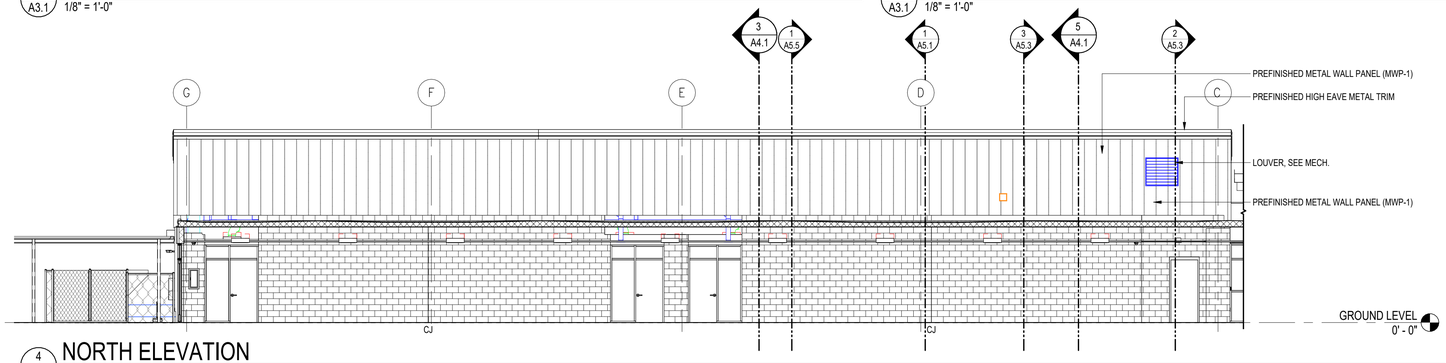
1 A3.1 SOUTH ELEVATION
1/8" = 1'-0"



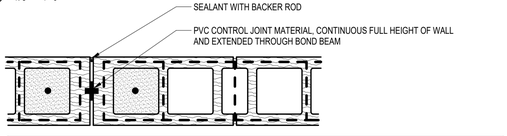
2 A3.1 WEST ELEVATION
1/8" = 1'-0"



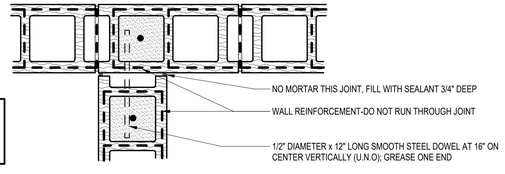
3 A3.1 EAST ELEVATION
1/8" = 1'-0"



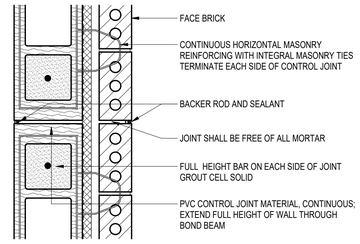
4 A3.1 NORTH ELEVATION
1/8" = 1'-0"



NOTE: TYPICALLY ALL WALL CONTROL JOINTS EXTEND CONTROL JOINT MATERIAL THROUGH BOND BEAMS. INSTALL SMOOTH, 3/4" DIAMETER X 24" LONG DOWELS, ONE END WRAPPED, THROUGH JOINT. ONE DOWEL REQUIRED FOR EACH CONTINUOUS BAR IN BOND BEAMS. STOP CONTINUOUS BAR IN BOND BEAMS ONE INCH FROM EACH SIDE OF CONTROL JOINT MATERIAL. DO NOT RUN REINFORCING THROUGH JOINTS. INTERIOR BLOCK CONTROL JOINTS OCCUR AT ALL INTERIOR BLOCK WALL INTERSECTIONS AND ELSEWHERE AS NOTED ON PLANS.



6 A3.1 INTERIOR MASONRY CONTROL JOINT - CMU
1 1/2" = 1'-0"



TYPICAL AT AL EXTERIOR WALL CONTROL JOINTS. EXTEND CONTROL JOINT MATERIAL THROUGH BOND BEAMS. CONTINUOUS BARS IN BOND BEAMS SHALL TERMINATE 1" FROM CONTROL JOINT, EACH SIDE. INSTALL SMOOTH, ROUND 3/4" ø x 24" LONG DOWEL ACROSS CONTROL JOINT ADJACENT TO BARS IN BOND BEAM. ON EACH DOWEL, GREASE ONE END OF WRAP IN BUILDING FELT TO PREVENT BOND WITH CONCRETE OF BEAM. DO NOT RUN MASONRY REINFORCING THROUGH JOINTS.

5 A3.1 EXTERIOR MASONRY CONTROL JOINT DETAIL
1 1/2" = 1'-0"

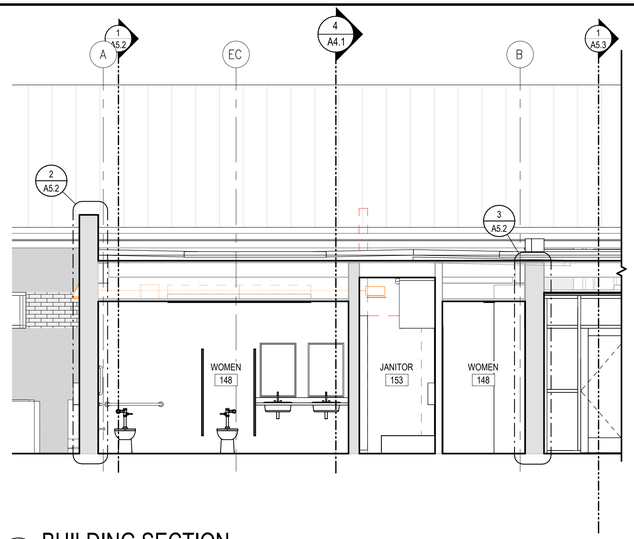
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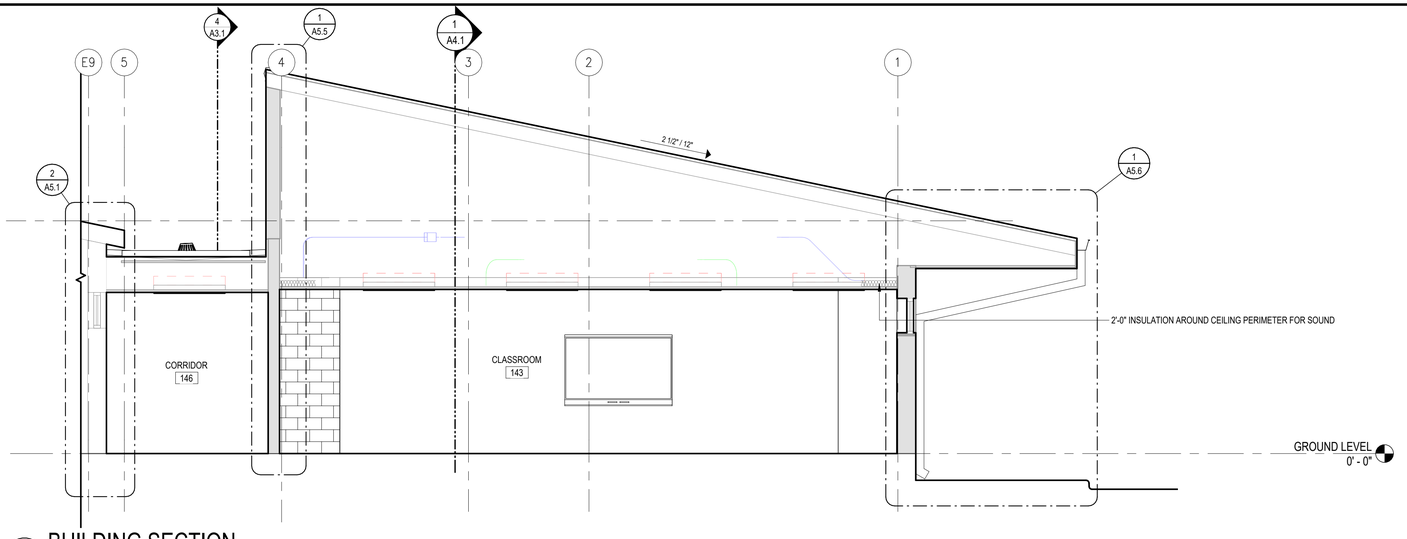
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9/14/26

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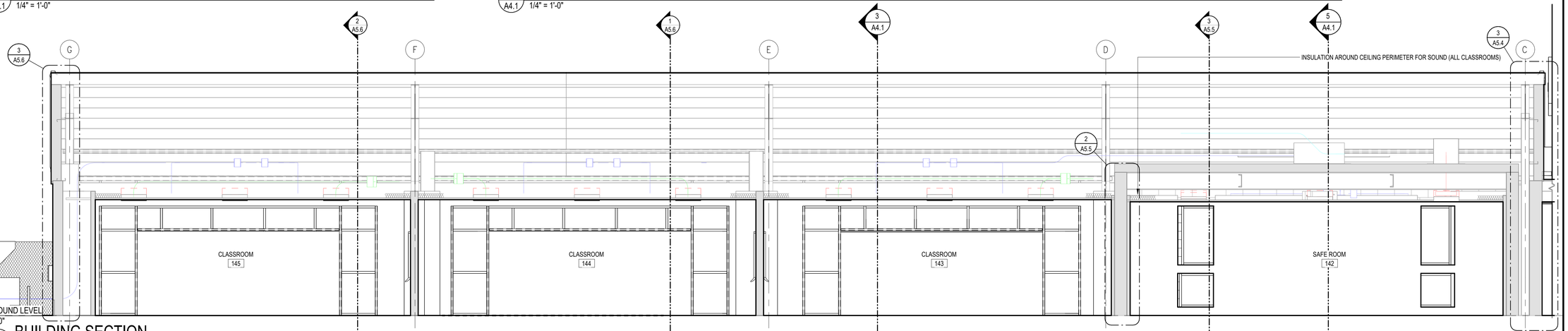
A3.1
1 OF 5



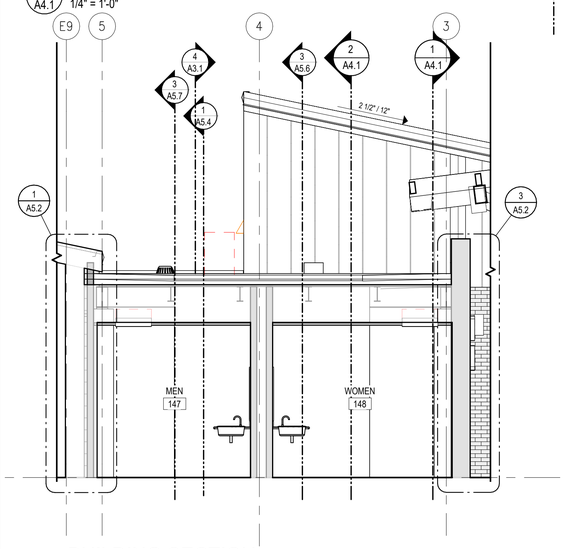
2 A4.1 BUILDING SECTION
1/4" = 1'-0"



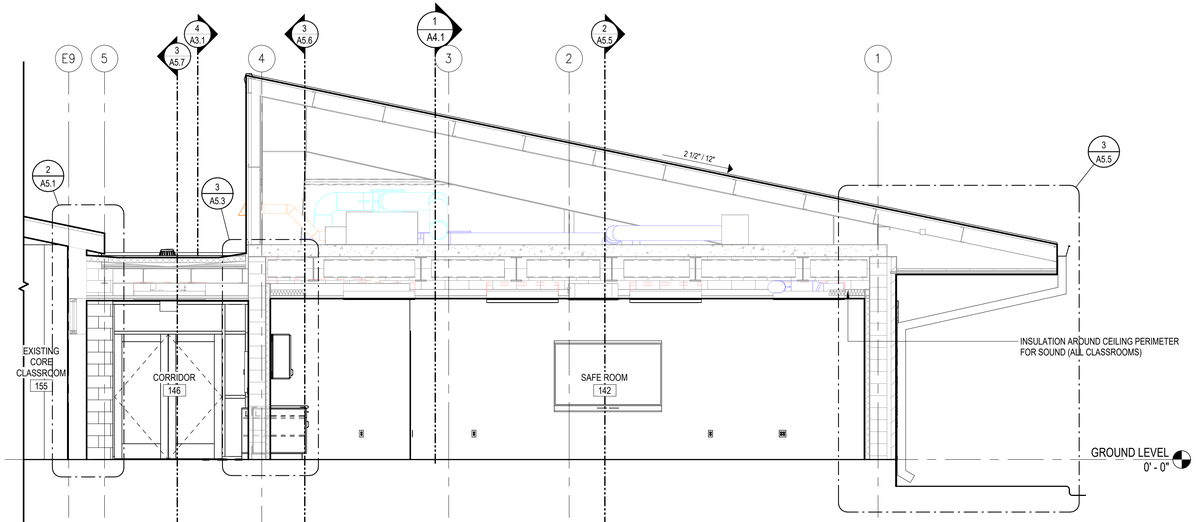
3 A4.1 BUILDING SECTION
1/4" = 1'-0"



1 A4.1 BUILDING SECTION
1/4" = 1'-0"



4 A4.1 BUILDING SECTION
1/4" = 1'-0"



5 A4.1 BUILDING SECTION
1/4" = 1'-0"

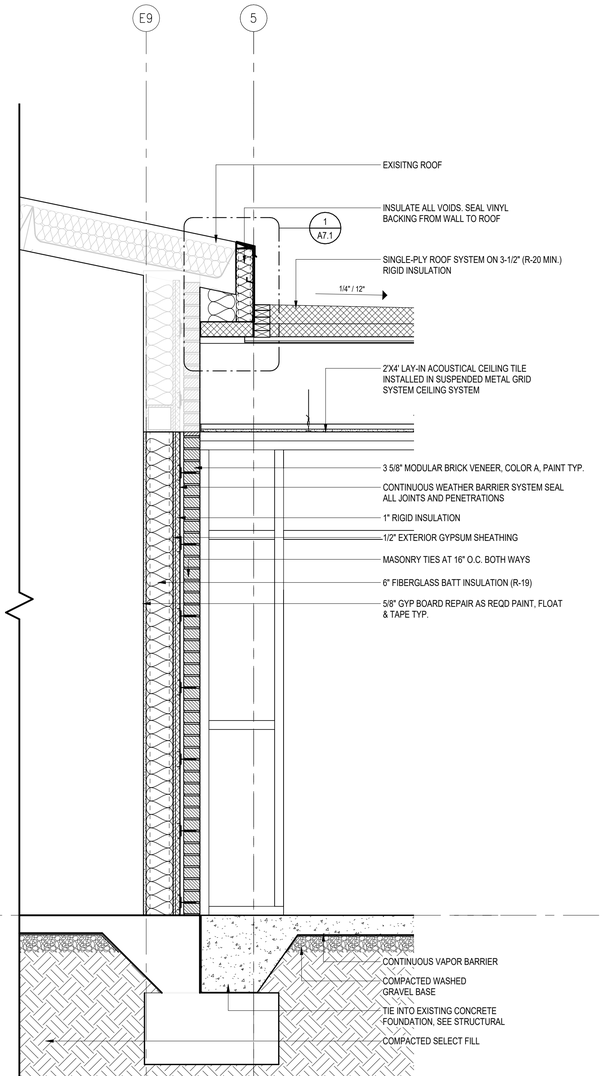
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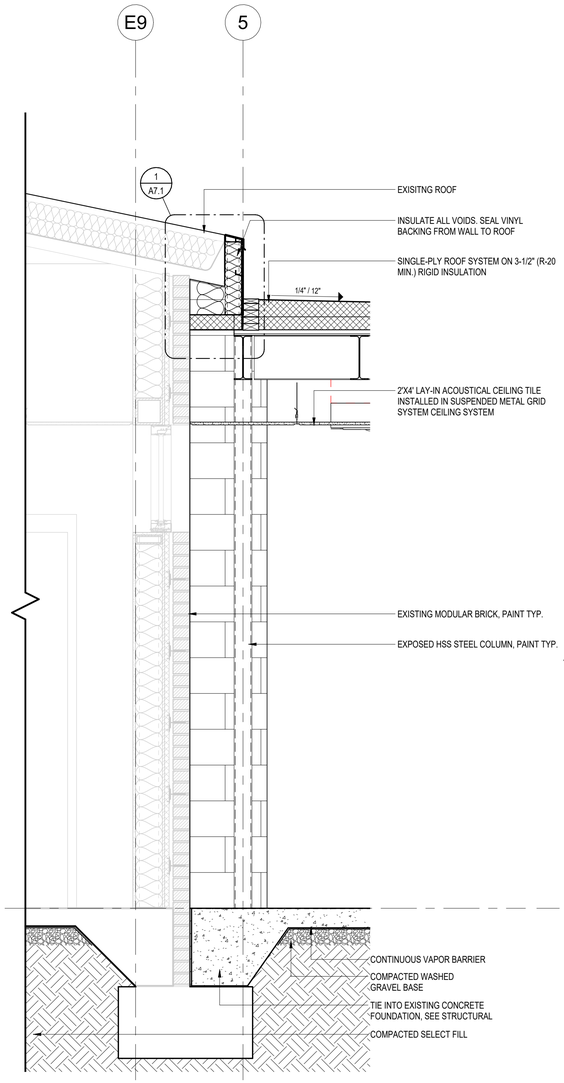
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JACKSON
MISSISSIPPI
ARKANSAS
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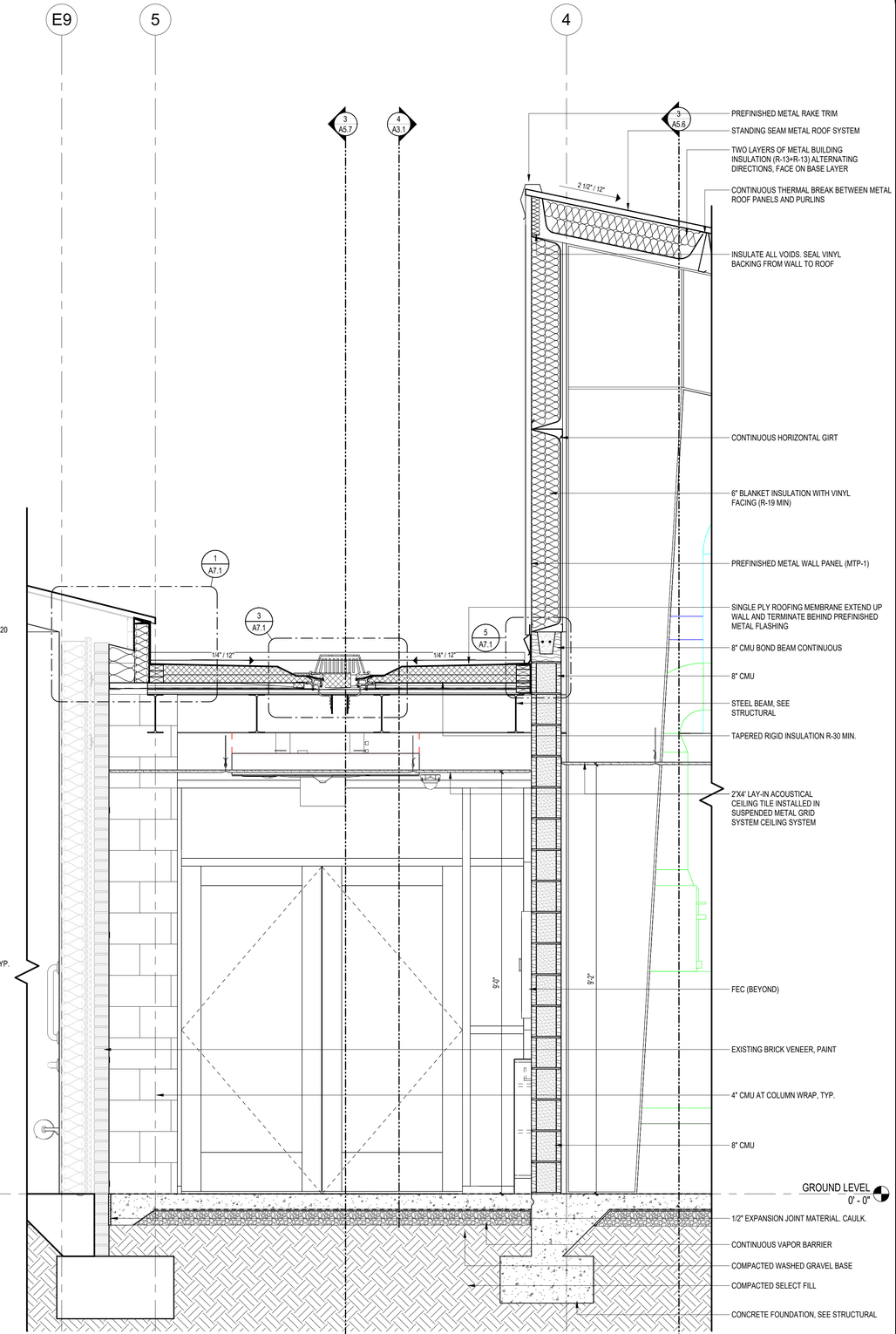
A4.1
2 OF 4



3 A5.1 WALL SECTION
3/4" = 1'-0"



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



1 A5.1 WALL SECTION
3/4" = 1'-0"

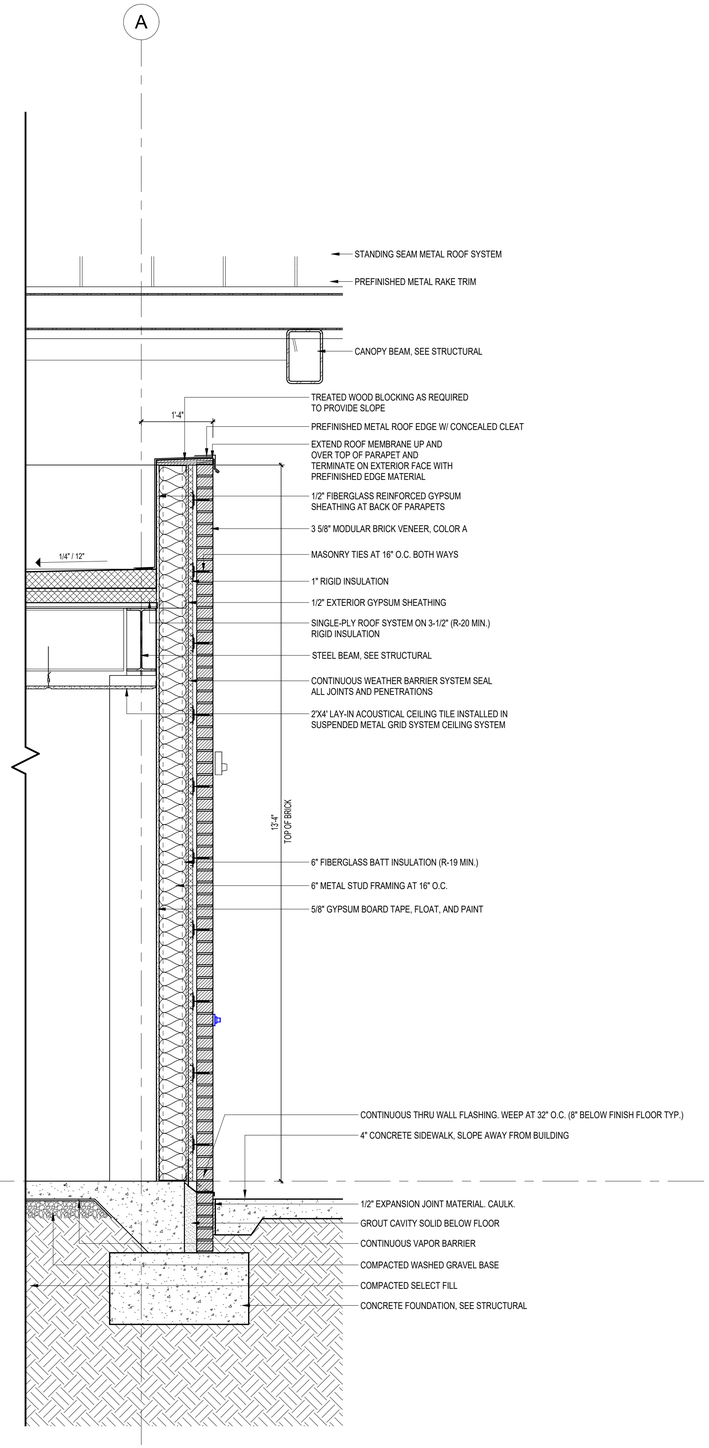
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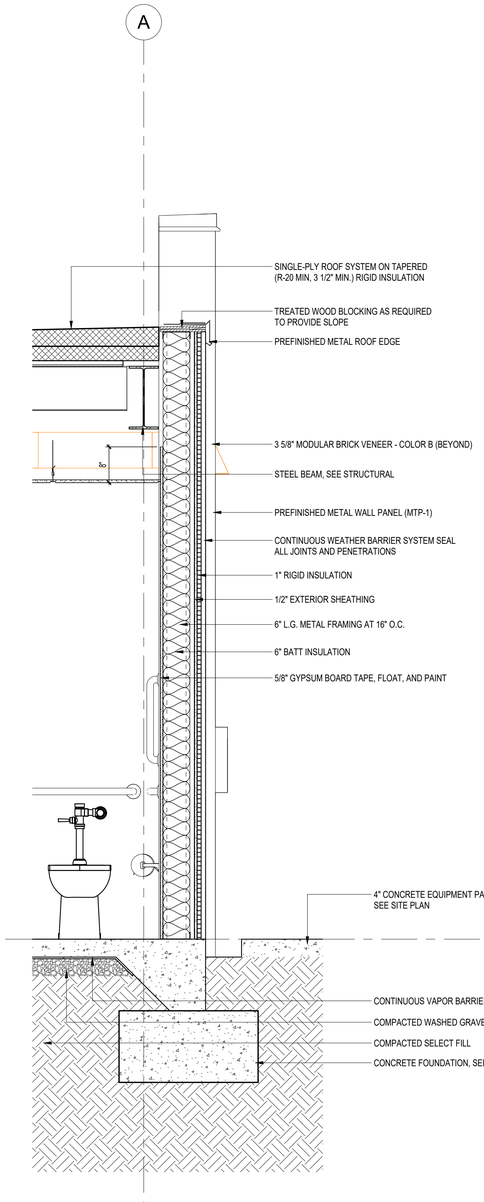
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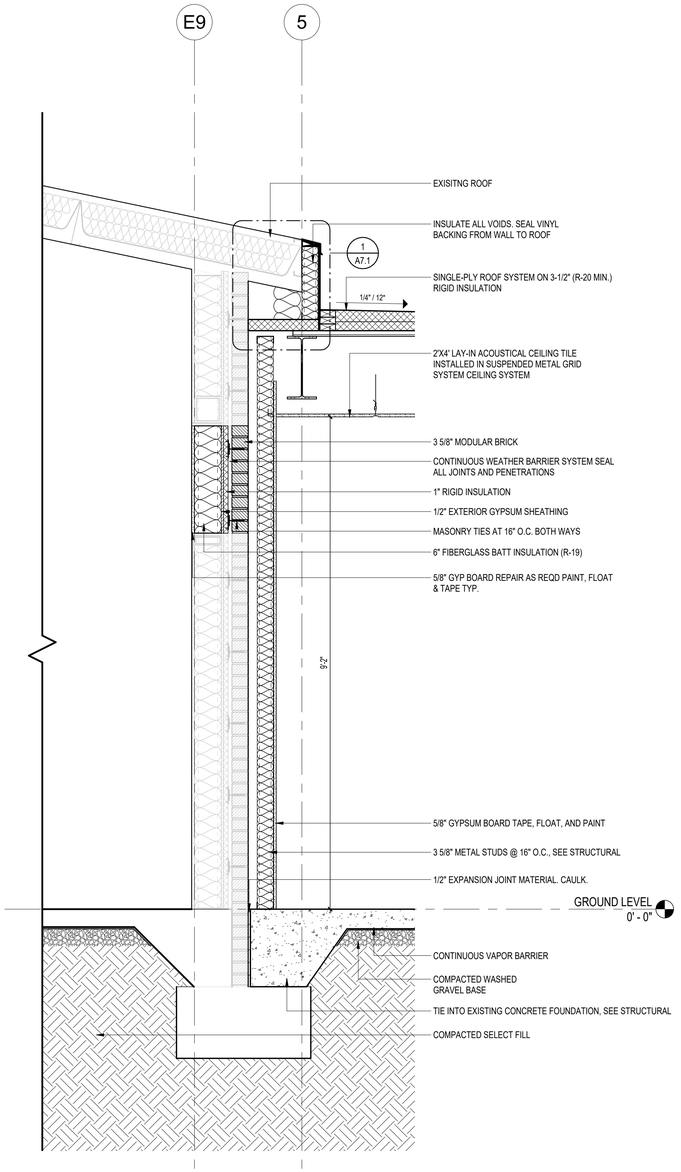
A5.1
2 OF 4



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



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



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

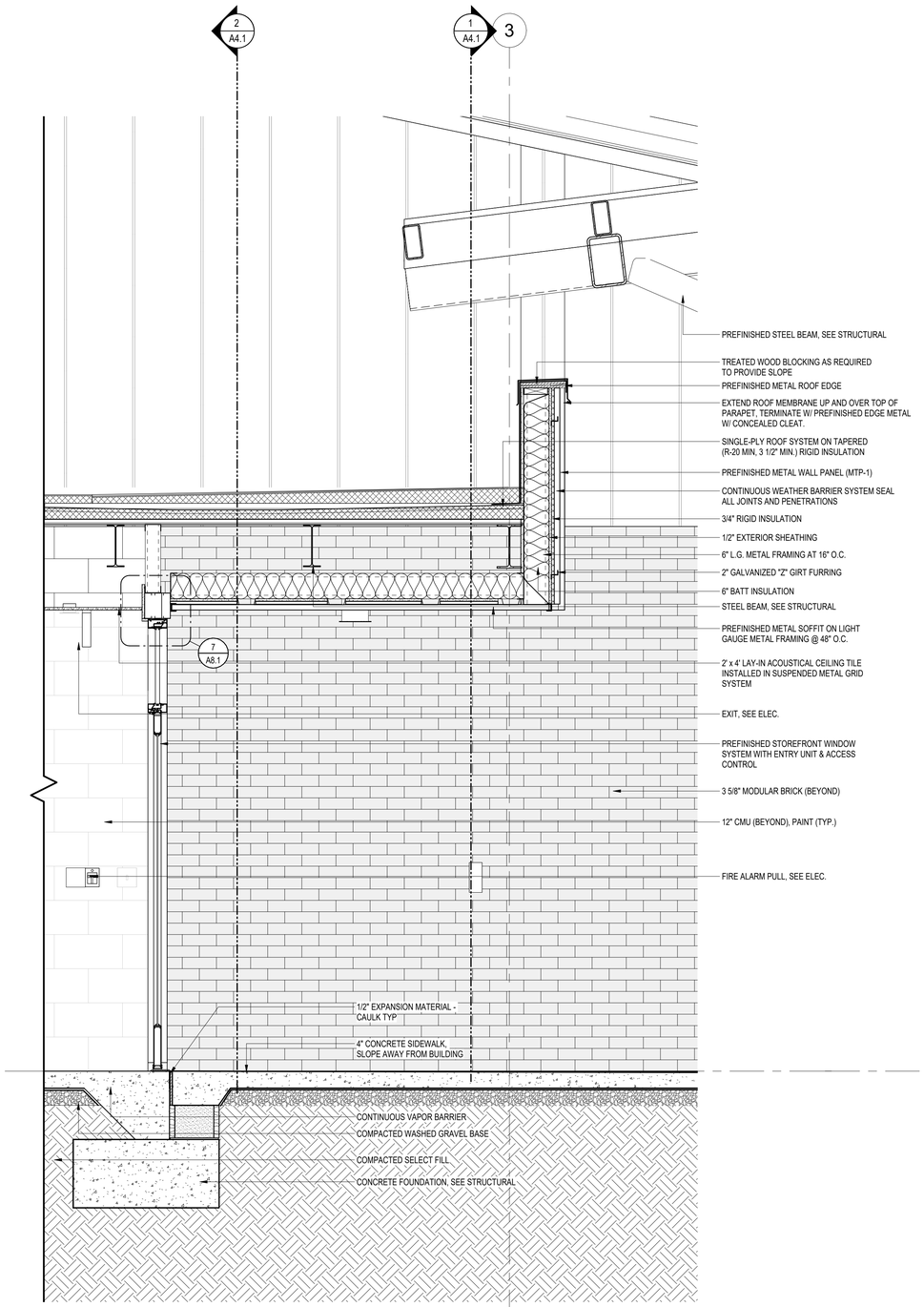
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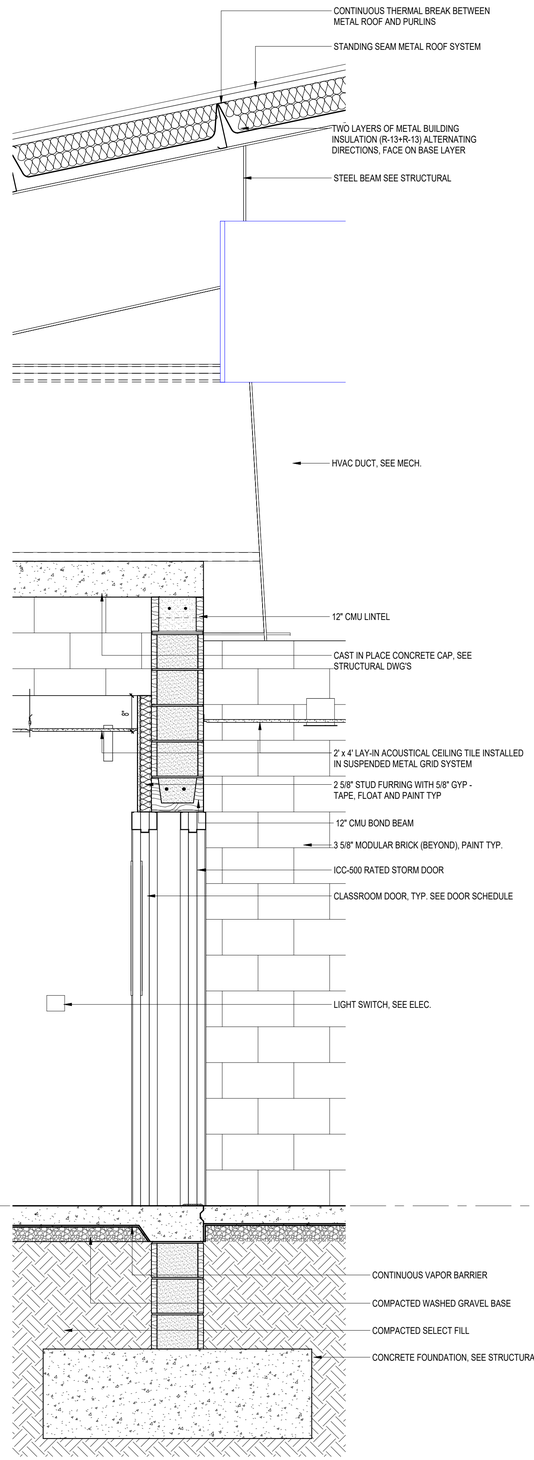
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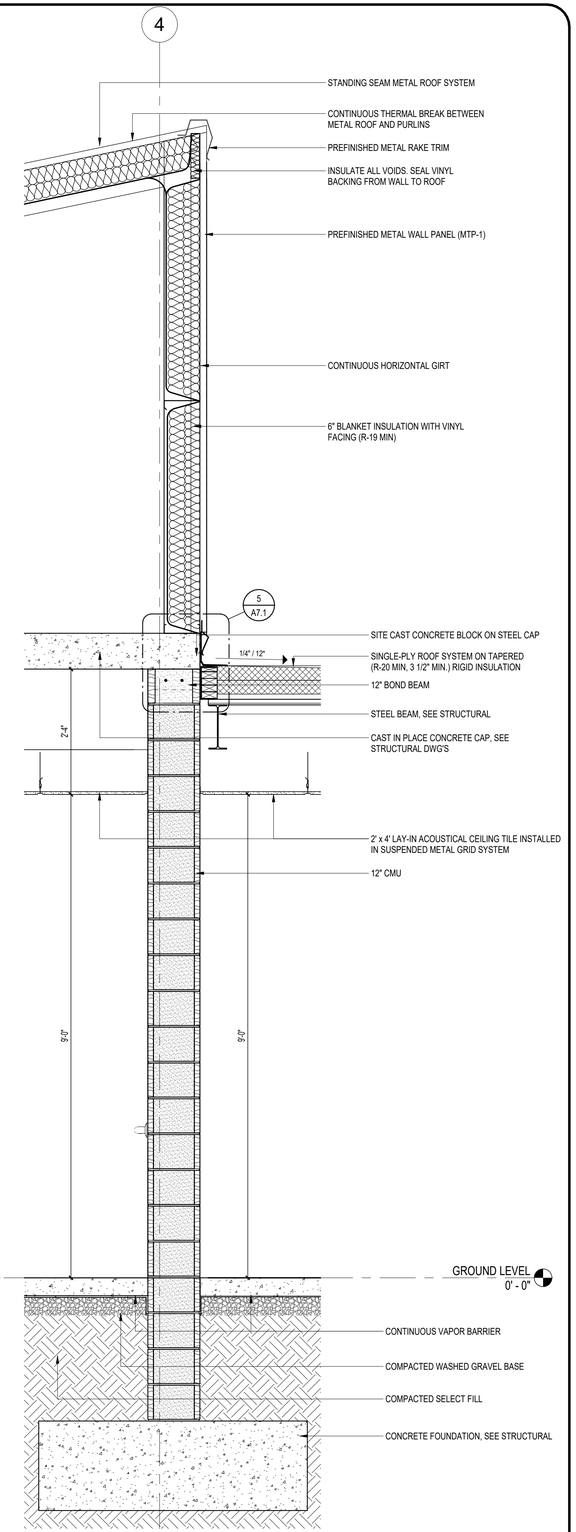
A5.2
2 OF 4



1 A5.3 WALL SECTION
3/4" = 1'-0"



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



3 A5.3 WALL SECTION
3/4" = 1'-0"

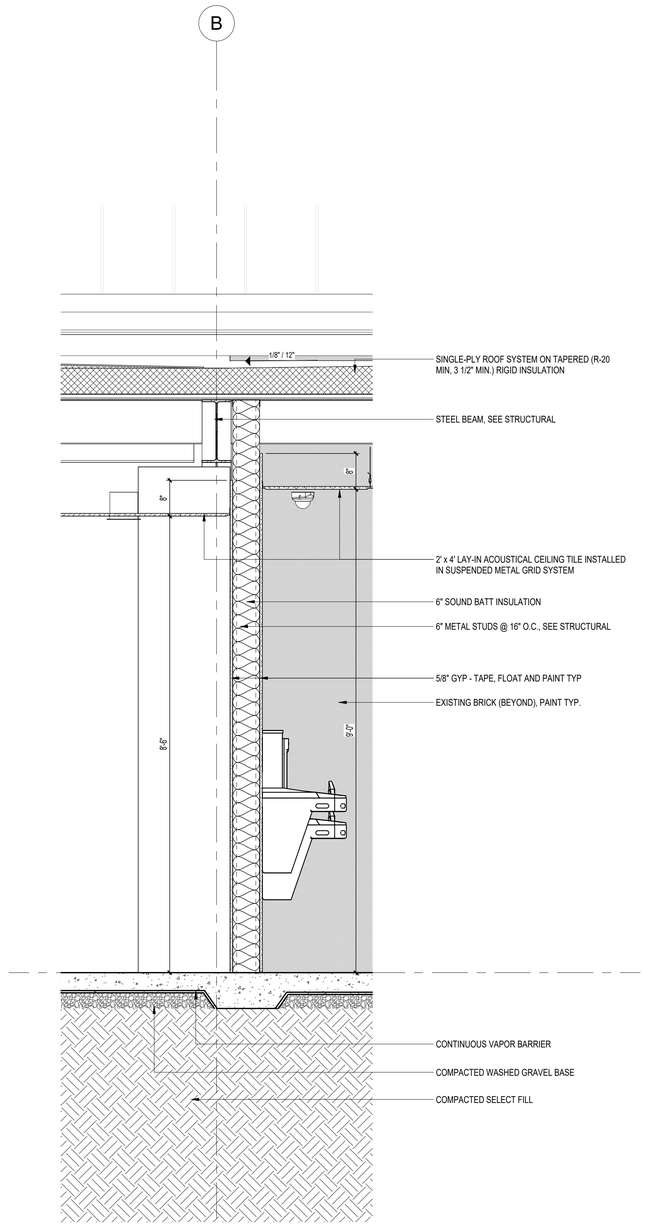
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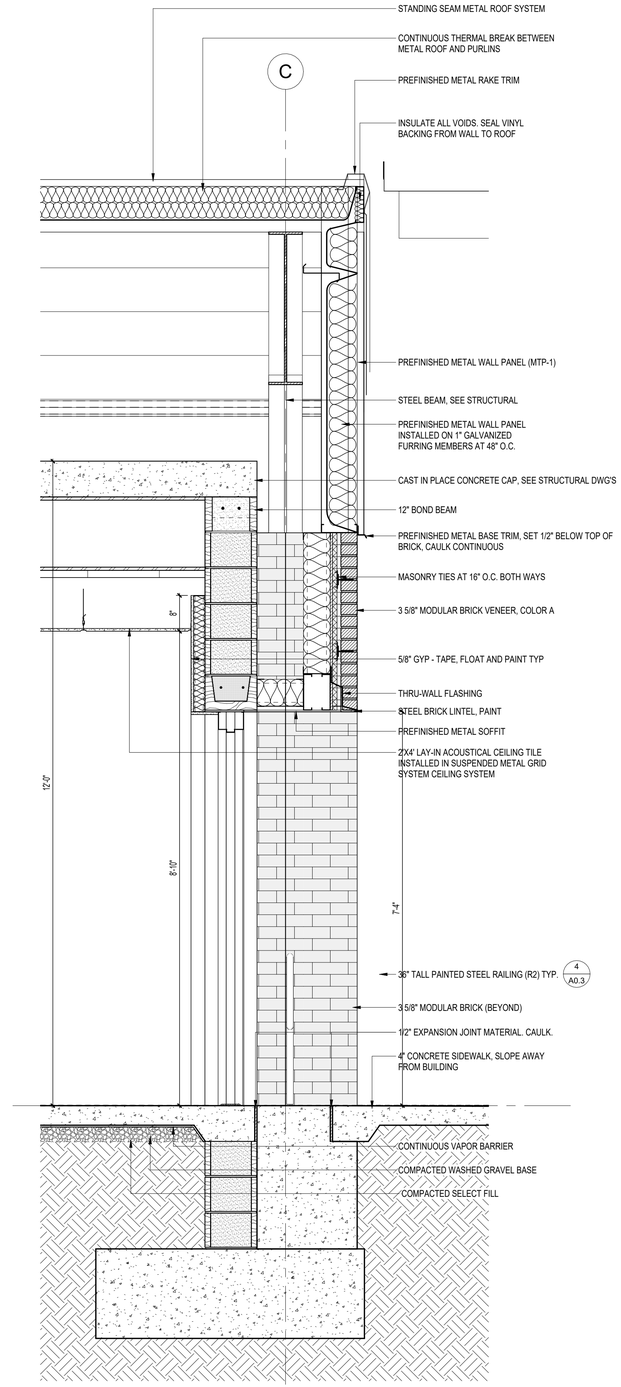
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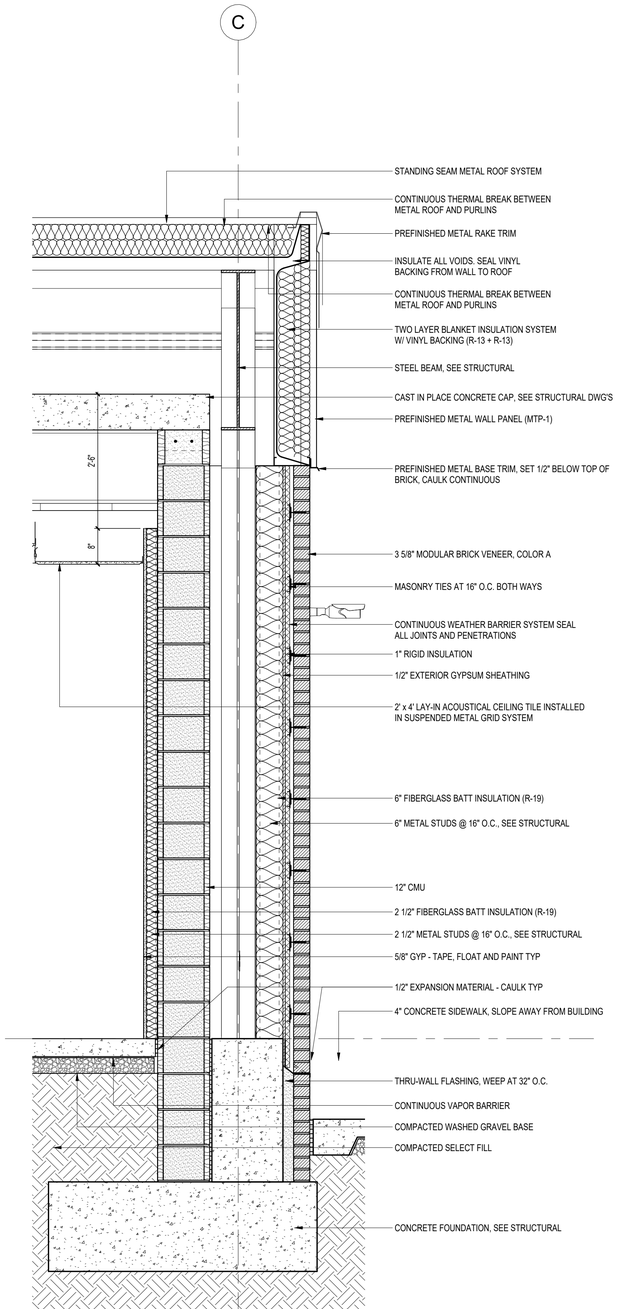
A5.3



1 A5.4 WALL SECTION
3/4" = 1'-0"



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



3 A5.4 WALL SECTION
3/4" = 1'-0"

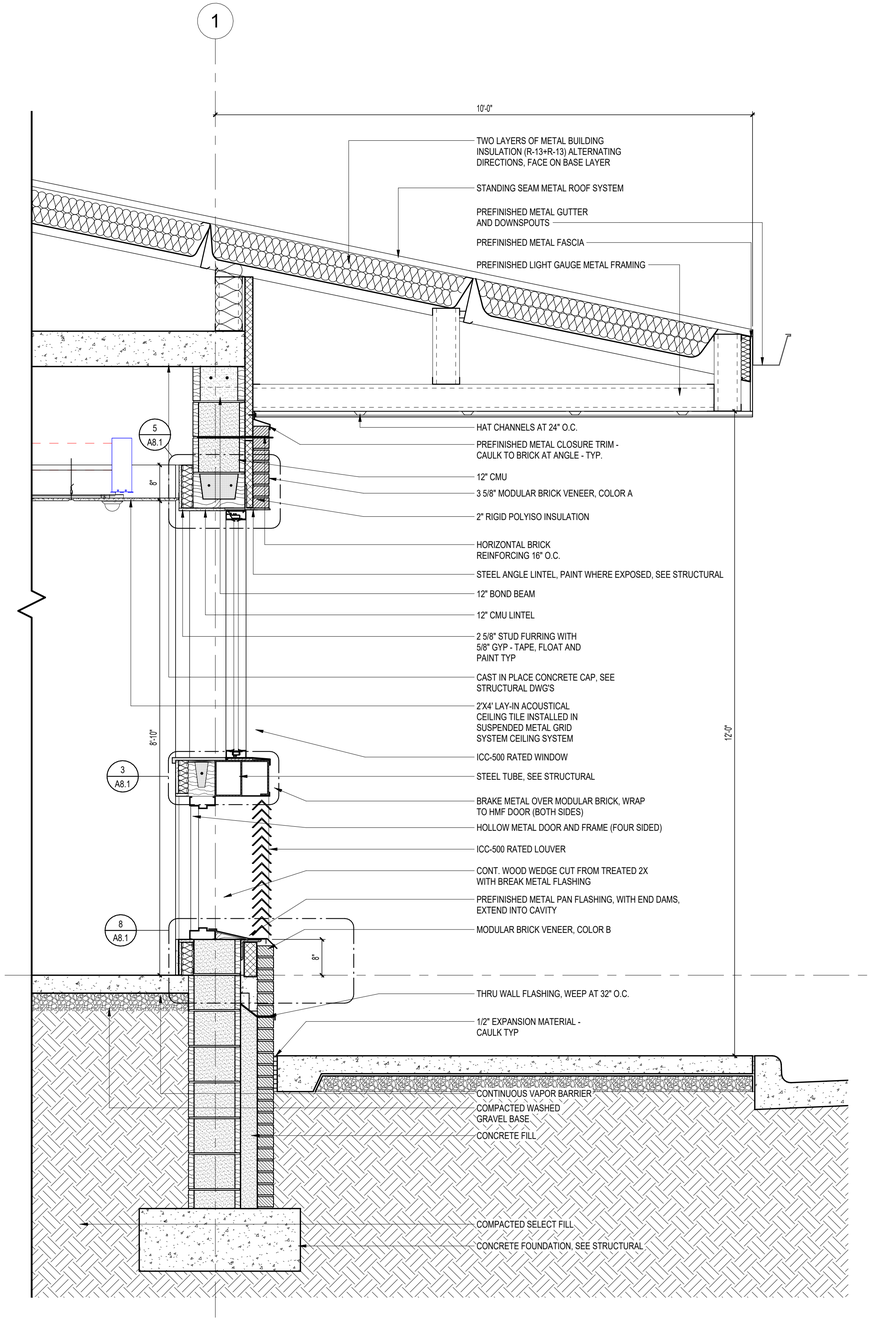
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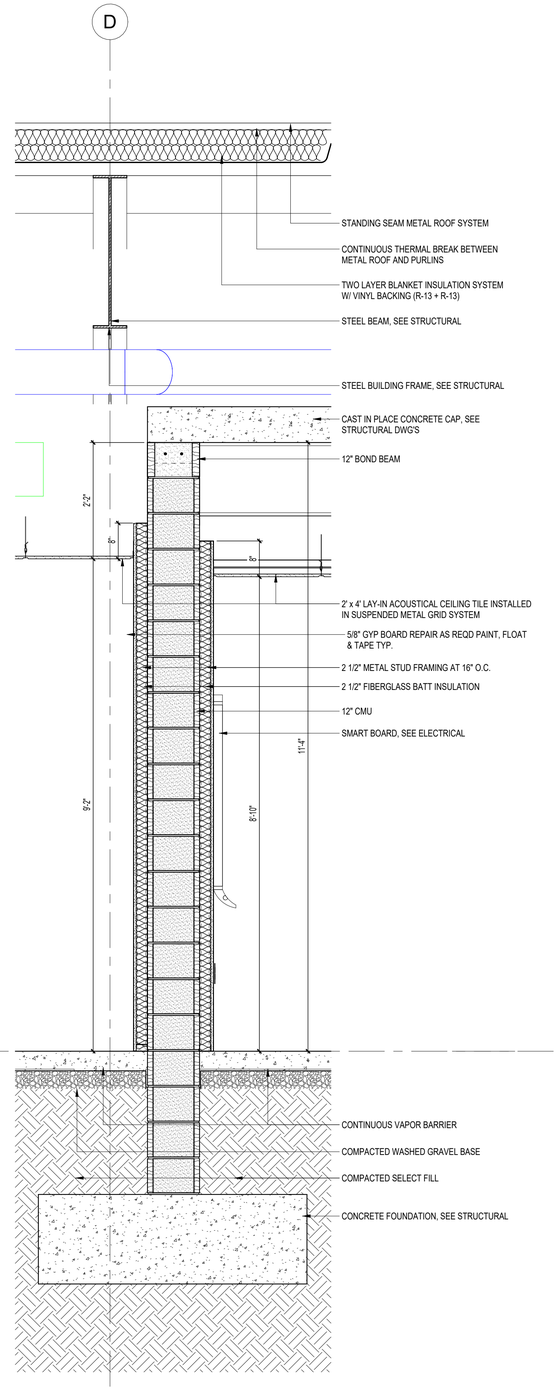
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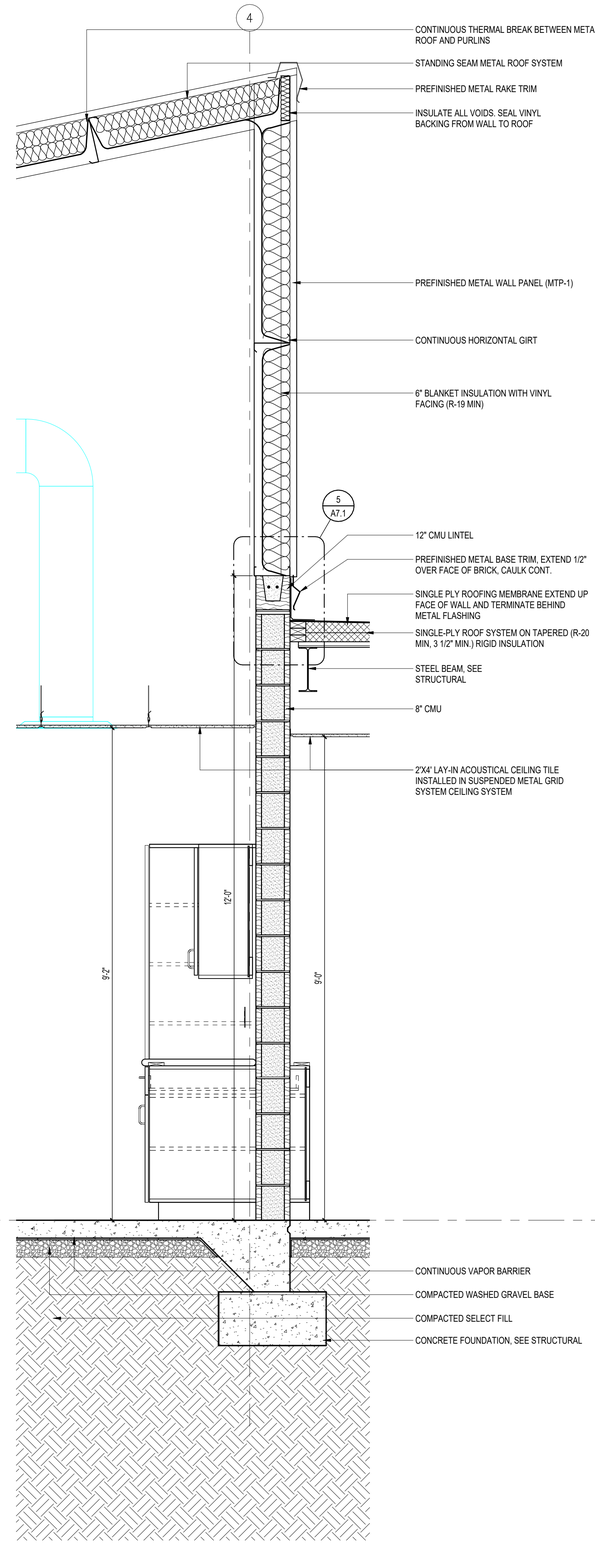
A5.4
2 OF 4



3 A5.5 WALL SECTION
3/4" = 1'-0"



2 A5.5 WALL SECTION
3/4" = 1'-0"



1 A5.5 WALL SECTION
3/4" = 1'-0"

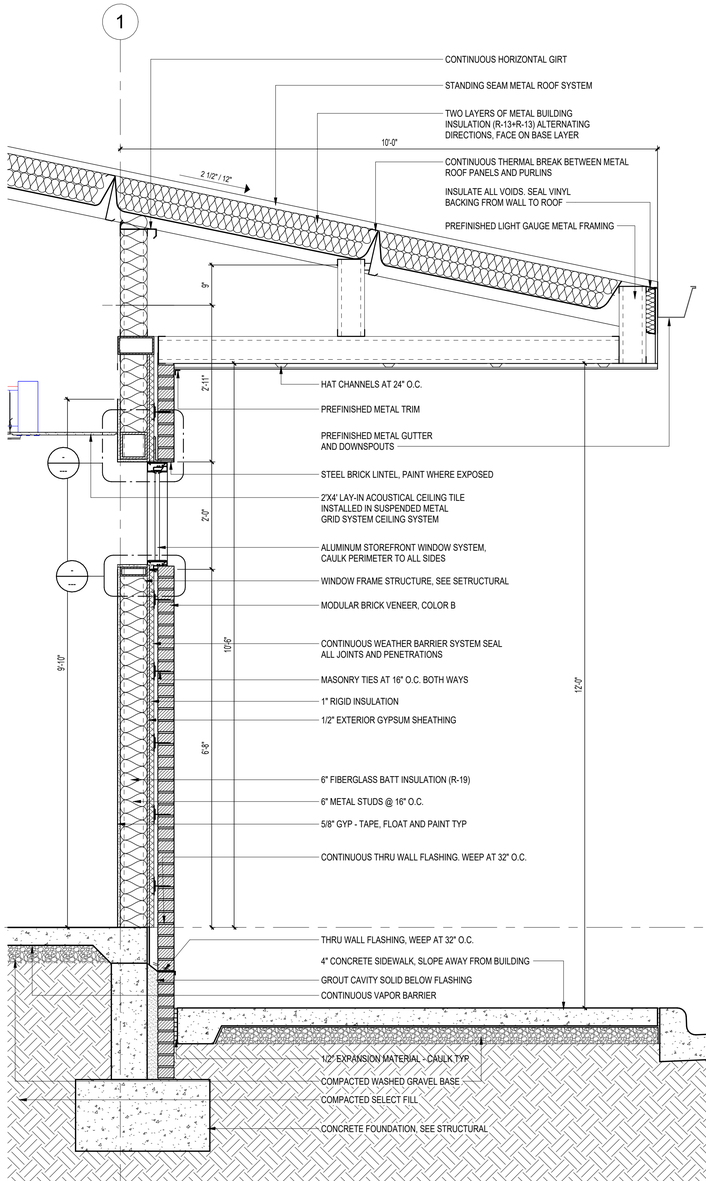
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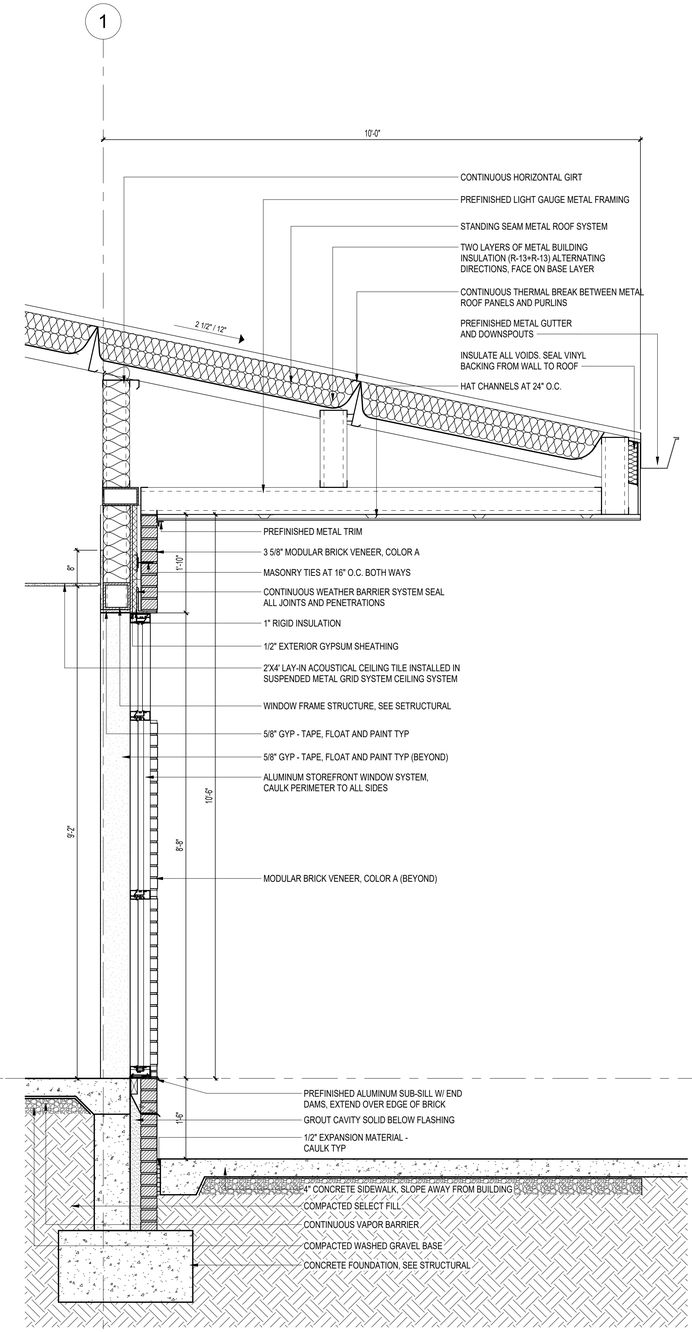
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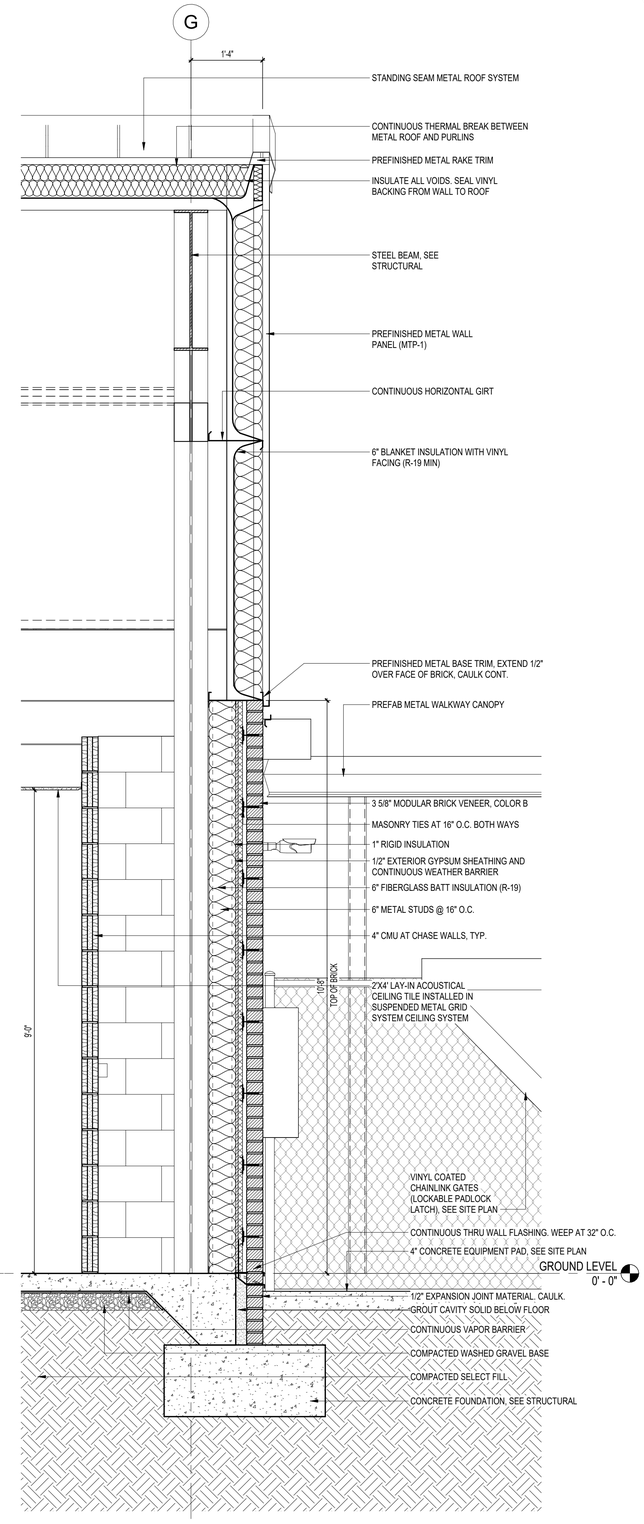
A5.5



1 A5.6 WALL SECTION
3/4" = 1'-0"



2 A5.6 WALL SECTION
3/4" = 1'-0"



3 A5.6 WALL SECTION
3/4" = 1'-0"

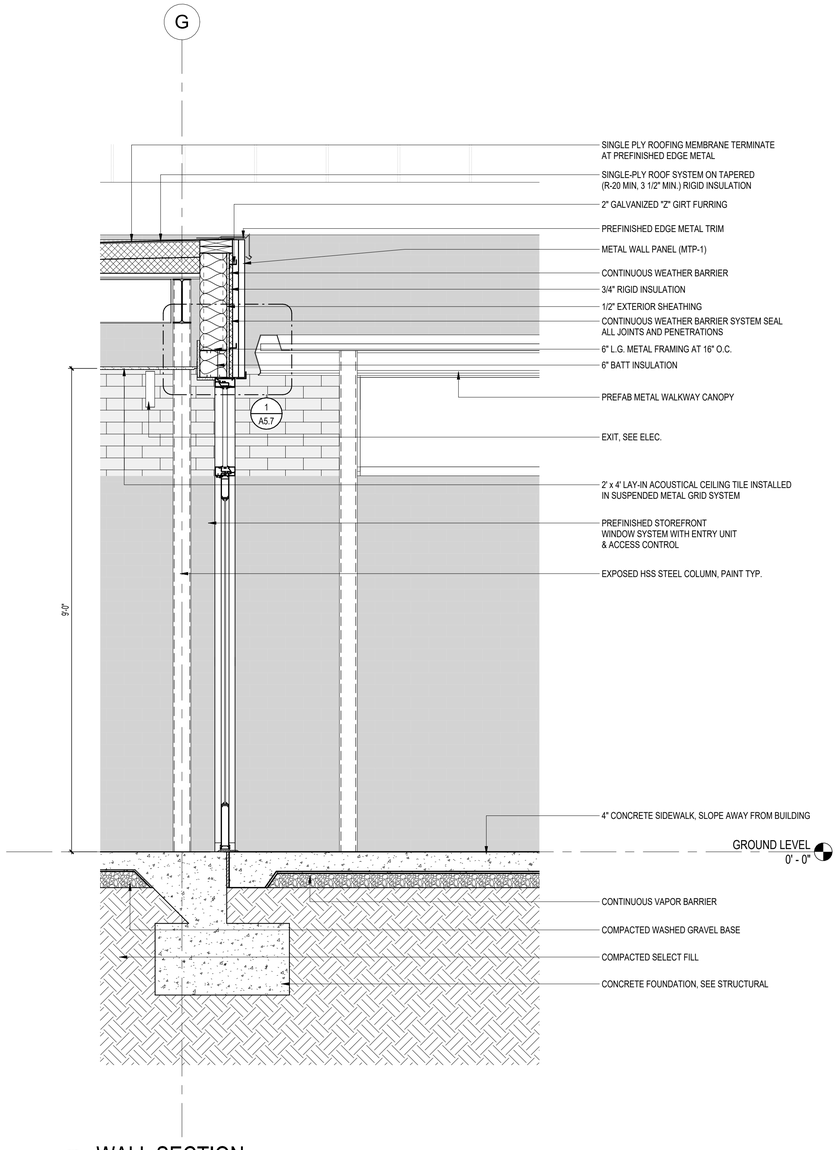
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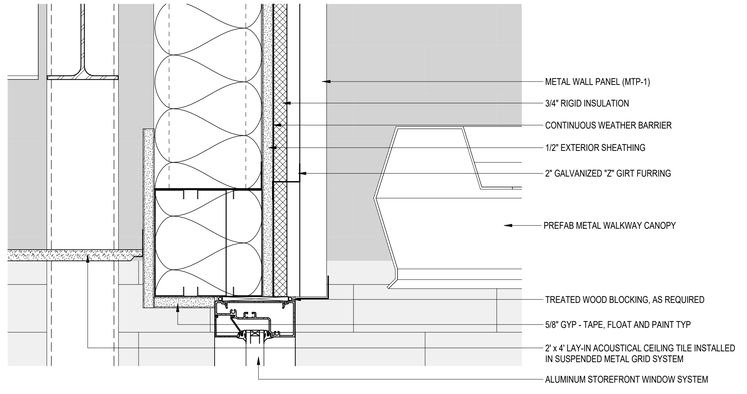
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A5.6
2 OF 4



3 A5.7 WALL SECTION
3/4" = 1'-0"



1 A5.7 EXTERIOR ALUMINUM STOREFRONT
3" = 1'-0"

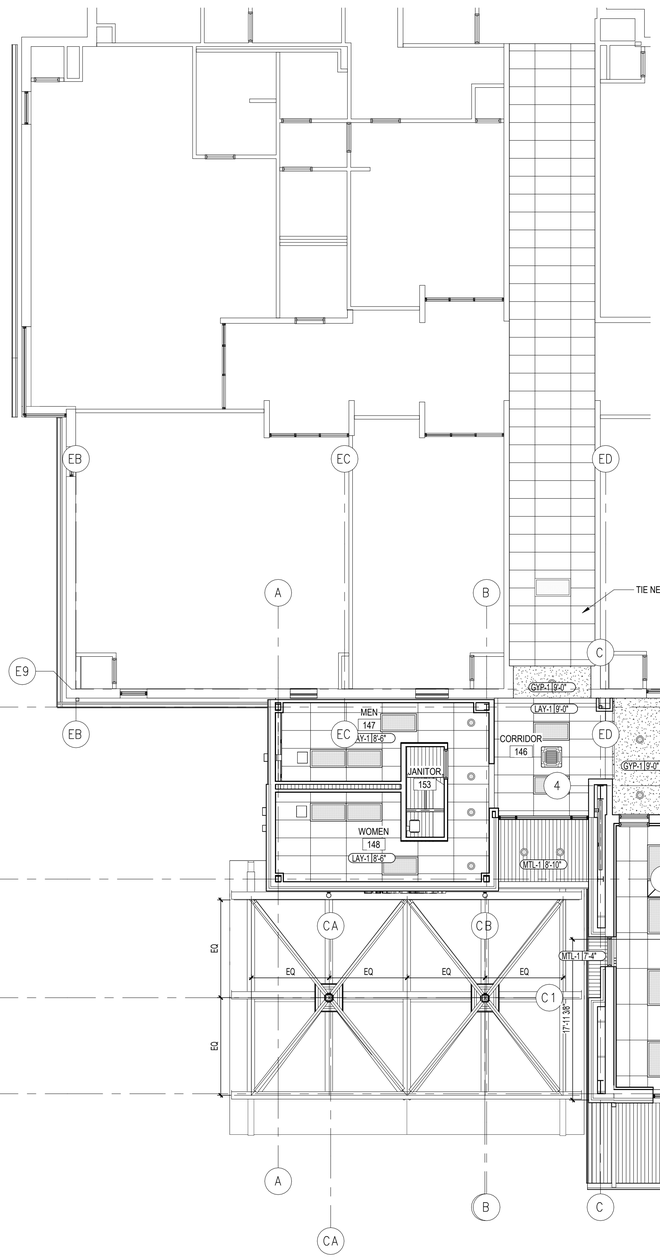
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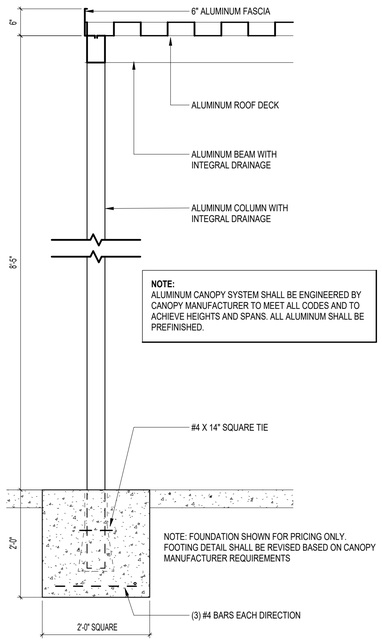
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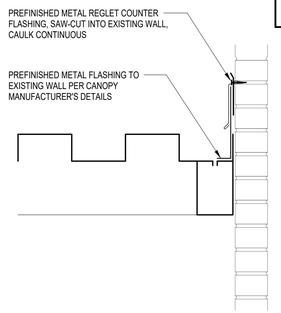


NORTH

1 A6.1 REFLECTED CEILING PLAN - LOWER LEVEL
1/8" = 1'-0"



3 A6.1 CANOPY TO WALL FLASHING DETAIL
3/4" = 1'-0"

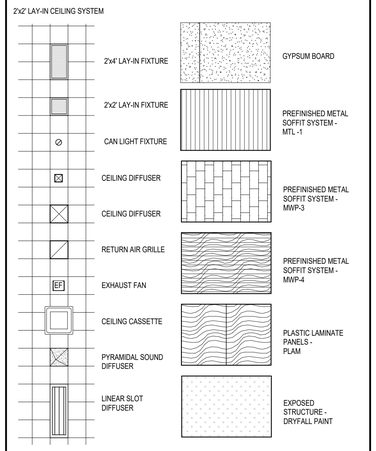


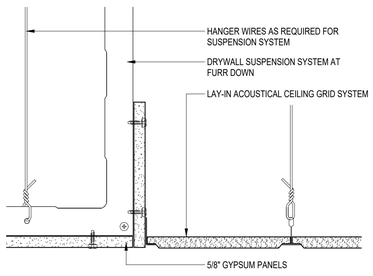
2 A6.1 CANOPY TO EXISTING BRICK WALL FLASHING DETAIL
1 1/2" = 1'-0"

GENERAL CEILING NOTES

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

REFLECTED CEILING LEGEND





5 A6.1 FURR DOWN - GYP SUSPENSION SYSTEM
3" = 1'-0"

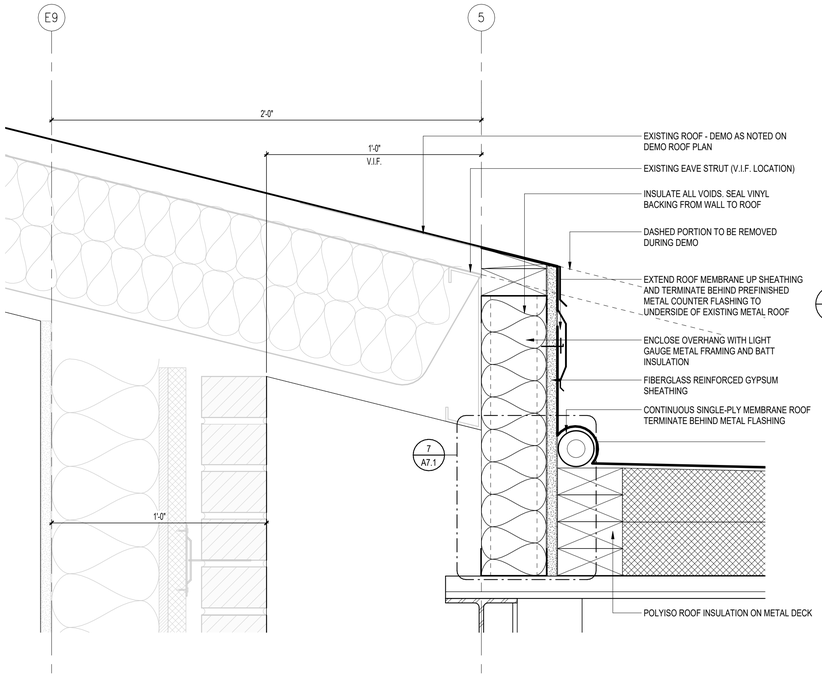
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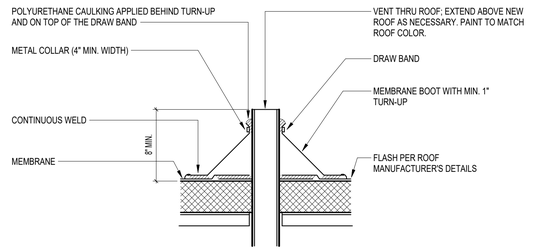
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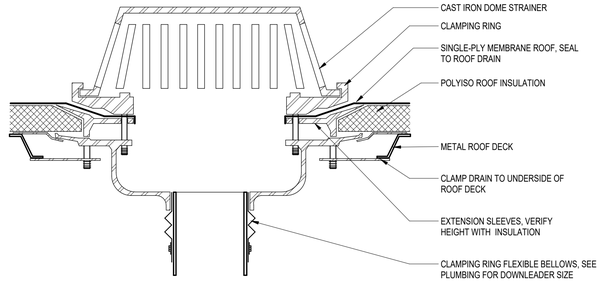
A6.1
3 OF 4



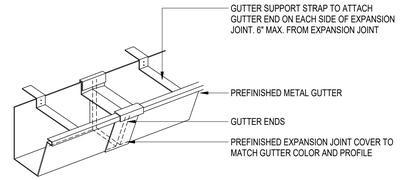
1 A7.1 EXISTING ROOF CONNECTION DETAIL
3" = 1'-0"



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

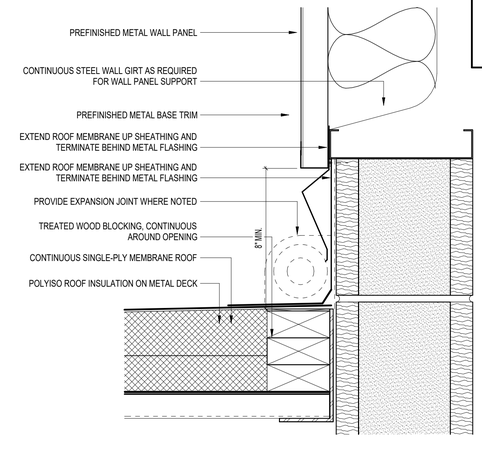


3 A7.1 ROOF DRAIN DETAIL
3" = 1'-0"



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

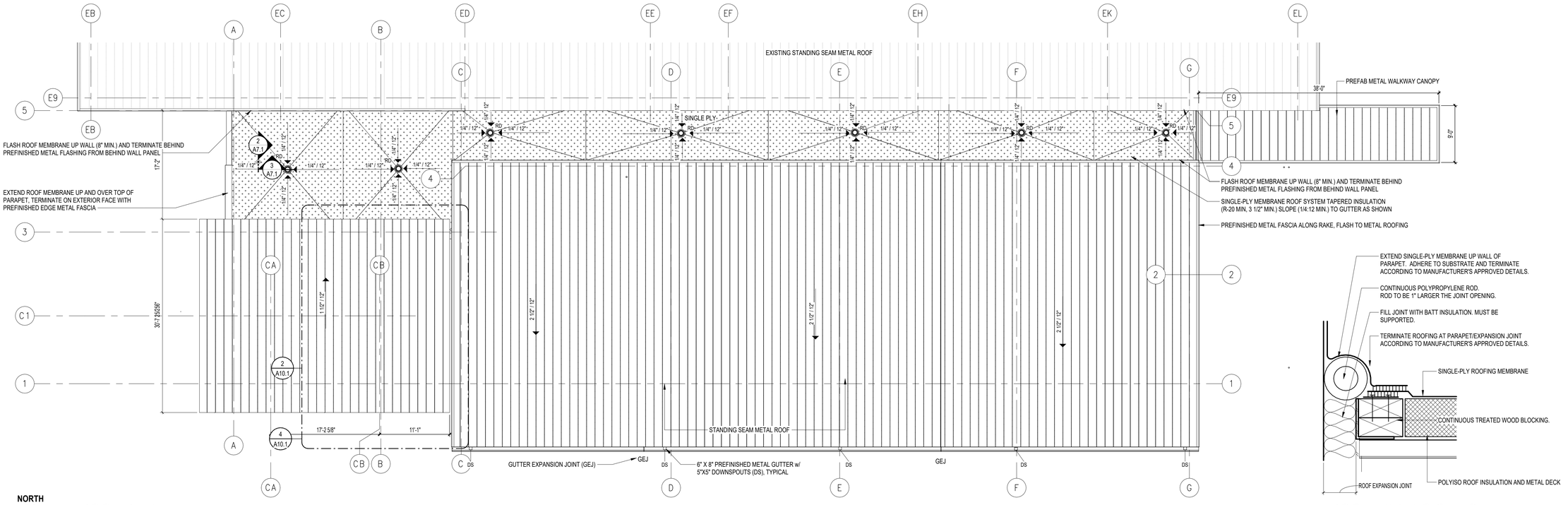
4 A7.1 GUTTER EXPANSION JOINT
1 1/2" = 1'-0"



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

GENERAL ROOF NOTES

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



NORTH

6 A7.1 ROOF PLAN
1/8" = 1'-0"

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

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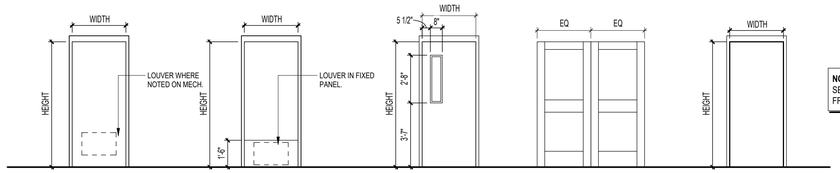


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A7.1
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DOOR SCHEDULE

MARK	HW SET	PANEL						FRAME				COMMENTS
		TYPE	WIDTH	HEIGHT	THICK.	MATERIAL	FINISH	MATERIAL	FINISH	DEPTH	HEAD	
142.1	106	F-500	3'-0"	7'-0"	1 3/4"	INSUL. METAL	PAINT	HMF	PAINT	5 3/4"	4"	ICC-500 RATED
142.2	106	N-8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	ICC-500 RATED
142.3	106	F-500	3'-0"	7'-0"	1 3/4"	INSUL. METAL	PAINT	HMF	PAINT	5 3/4"	4"	ICC-500 RATED
142.4	106	F	2'-6"	2'-4"	1 3/4"	INSUL. METAL	PAINT	METAL	PAINT	5 3/4"	4"	
142.5	106	F	2'-6"	2'-4"	1 3/4"	INSUL. METAL	PAINT	METAL	PAINT	5 3/4"	4"	
143.1	102	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	ALUM.	SEE SPEC.	4 1/2"	2"	
144.1	102	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	ALUM.	SEE SPEC.	4 1/2"	2"	
145.1	102	N8	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	ALUM.	SEE SPEC.	4 1/2"	2"	
146.1	101	AL2-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROL
146.2	101	AL2-P	6'-0"	7'-0"	1 3/4"	ALUM.	SEE SPEC.	ALUM.	SEE SPEC.	4 1/2"	2"	ACCESS CONTROL
149.1	103	F-L	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
150.1	103	F-L	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
151.1	103	F-L	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	4"	
152.1	102	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	8 1/4"	2"	
153.1	104	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	5 3/4"	2"	
154.1	105	F	3'-0"	7'-0"	1 3/4"	WOOD	PRE-FINISH	HMF	PAINT	8 1/4"	2"	



FLUSH PANEL SINGLE DOOR

FLUSH PANEL SINGLE DOOR

NARROW VISION LITE (8") W/ SECURITY FILM (RATED WHERE NOTED)

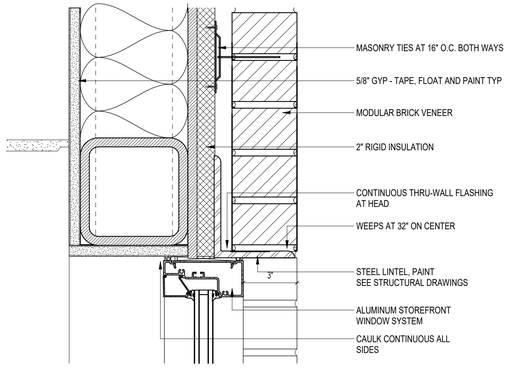
ALUMINUM ENTRANCE UNIT, DOUBLE DOOR

FLUSH PANEL SINGLE DOOR ICC-500 RATED

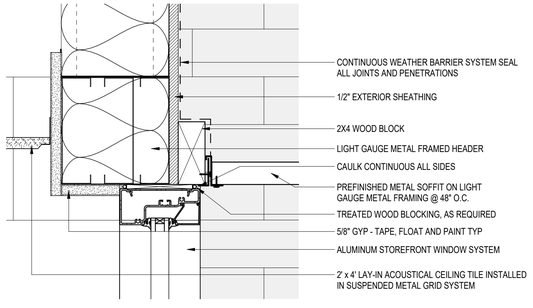
NOTE:
SEE DOOR SCHEDULE FOR ALL PANEL AND FRAME DIMENSIONS

2 A8.1 DOOR ELEVATIONS
1/4" = 1'-0"

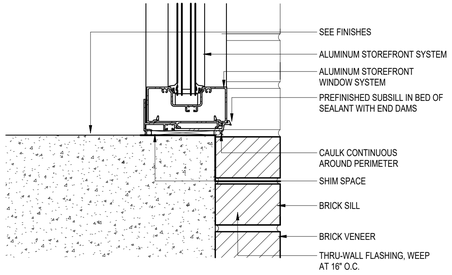
2 A8.1 EXTERIOR ALUMINUM STOREFRONT
3" = 1'-0"



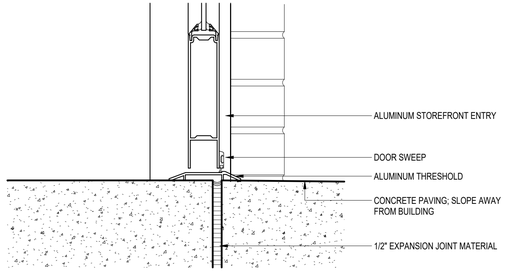
7 A8.1 EXTERIOR ALUMINUM STOREFRONT
3" = 1'-0"

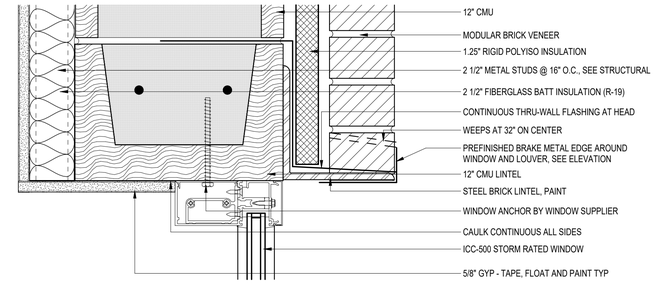


6 A8.1 EXTERIOR ALUMINUM STOREFRONT SILL AT BRICK
3" = 1'-0"

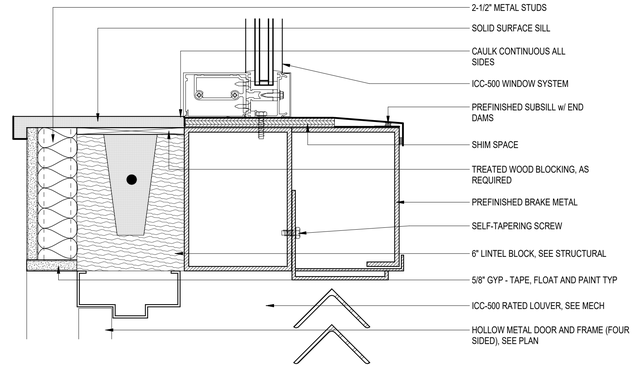


1 A8.1 EXTERIOR ALUMINUM THRESHOLD
3" = 1'-0"

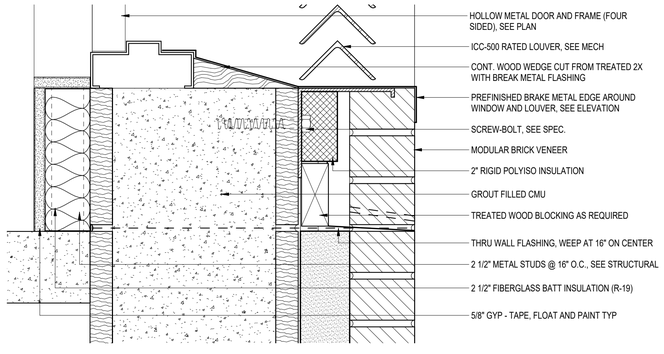




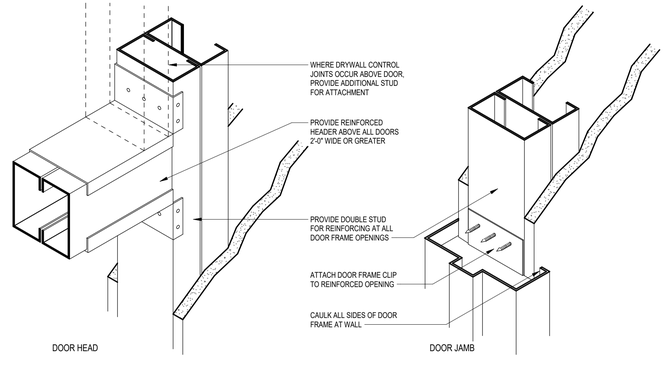
5 A8.1 EXTERIOR STORM WINDOW SILL
3" = 1'-0"



3 A8.1 EXTERIOR STORM WINDOW SILL
3" = 1'-0"



8 A8.1 DETAIL SECTION
3" = 1'-0"



4 A8.1 INTERIOR HOLLLOW METAL FRAME HEAD & JAMB
3" = 1'-0"

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ARKANSAS
9/14/26

DATE: 2026 09-14
PROJECT NO: 26015
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A8.1
4 OF 4

CASEWORK SCHEDULE

MARK	DESCRIPTION	DEPTH
B2	BASE CABINET - SINGLE DOOR WITH ONE (1) ADJUSTABLE SHELF AND 6" TALL DRAWER	24"
B4	BASE CABINET - DOUBLE DOOR WITH ONE (1) ADJUSTABLE SHELF AND TWO (2) 6" TALL DRAWERS	36"
T2	WARDROBE CABINET - OFF CENTER VERTICAL DIVIDER, FIXED SHELF AND CLOSET ROD ON LEFT, ONE FIXED SHELF, TWO ADJUSTABLE AND TWO FILE DRAWERS ON RIGHT. MIRROR/PIN TRAY ON LEFT DOOR	24"
W1	WALL CABINET - SINGLE DOOR WITH TWO (2) ADJUSTABLE SHELVES	12"
W3	WALL CABINET - DOUBLE DOOR WITH TWO (2) ADJUSTABLE SHELVES	12"

INTERIOR FINISH SCHEDULE

ROOM IDENTIFCATION							
NAME	#	FLOOR	BASE	WALL	CEILING	WINDOW SHADES	REMARKS
SAFE ROOM	142	LVT-1	RB-1	P-1	LAY-1	MWS-1	1
CLASSROOM	143	LVT-1	RB-1	P-1	LAY-1	MWS-1	1
CLASSROOM	144	LVT-1	RB-1	P-1	LAY-1	MWS-1	1
CLASSROOM	145	LVT-1	RB-1	P-1	LAY-1	MWS-1	1
CORRIDOR	146	LVT-1/CPT-1	RB-1	P-1	LAY-1/GYP-1	NONE	1
MEN	147	EPX-1	EPXB-1	P-2	LAY-2	NONE	
WOMEN	148	EPX-1	EPXB-1	P-2	LAY-2	NONE	
FURNACE	149	SC-1	NONE	NONE	GYP-2	NONE	
FURNACE	150	SC-1	NONE	NONE	GYP-2	NONE	
FURNACE	151	SC-1	NONE	NONE	GYP-2	NONE	
UTILITY	152	SC-1	RB-1	P-1	LAY-1	NONE	
JANITOR	153	SC-1	RB-1	P-2	LAY-1	NONE	
TLT.	154	EPX-1	EPXB-1	PT-1/P-2	LAY-1	NONE	

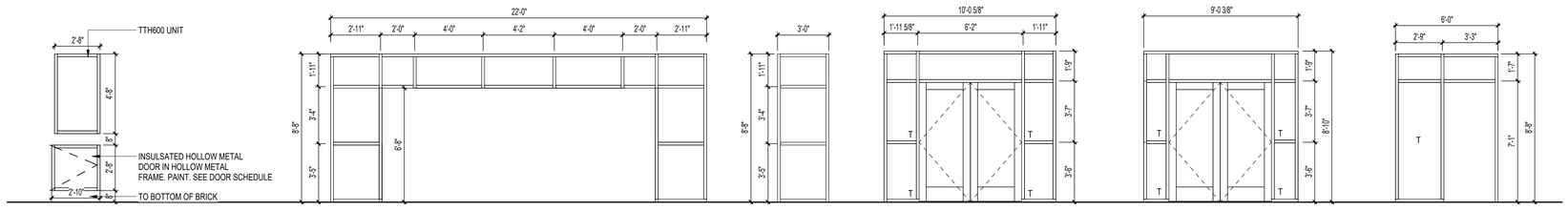
MATERIAL KEY

	MARK	DESCRIPTION
FLOOR	SC-1	SEALED CONCRETE
	LVT-1	LUXURY VINYL TILE
	EPX-1	EPOXY RESINOUS FLOORING
	CPT-1	WALK OFF CARPET
BASE	RB-1	RUBBER BASE
	EPXB-1	EPOXY RESINOUS BASE
	NONE	NO BASE
WINDOW SHADE	MWS-1	MANUAL WINDOW SHADE
	NONE	NO WINDOW SHADE

	MARK	DESCRIPTION
WALL	P-1	PAINT - SEMI GLOSS
	P-2	PAINT - EPOXY
	NONE	NO WALL FINISH
CEILING	LAY-1	ACOUSTICAL TILES
	GYP-1	GYPSUM BOARD - PAINT FLAT
	GYP-2	GYPSUM BOARD - TAPE & FLOAT

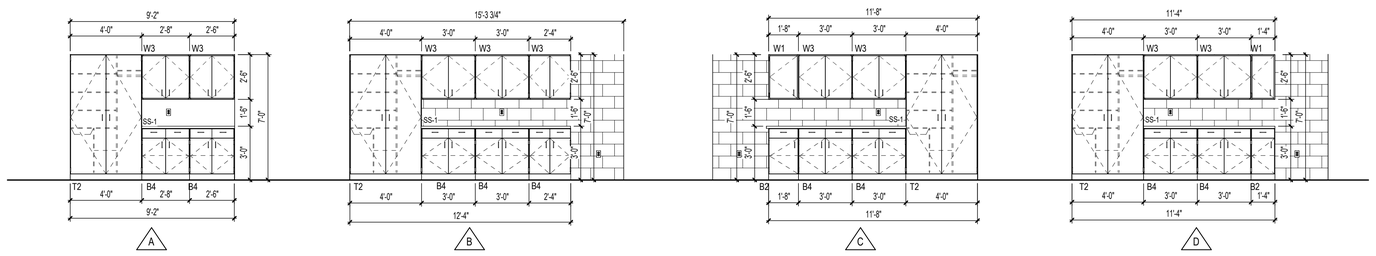
REMARKS

1. ALLOW FOR TWO (2) LVT COLORS, ONE (1) FIELD COLOR AND ONE (1) ACCENT COLOR. REFER TO A9.2 FOR FLOOR PATTERN.



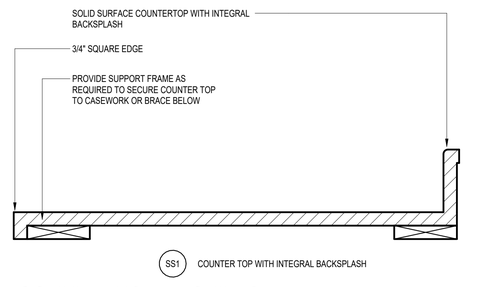
1 A8.1 WINDOW ELEVATIONS

1/4" = 1'-0"



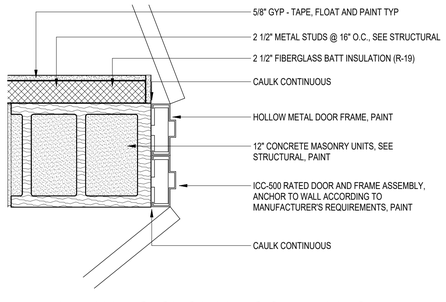
7 A9.1 MILLWORK ELEVATIONS

3" = 1'-0"



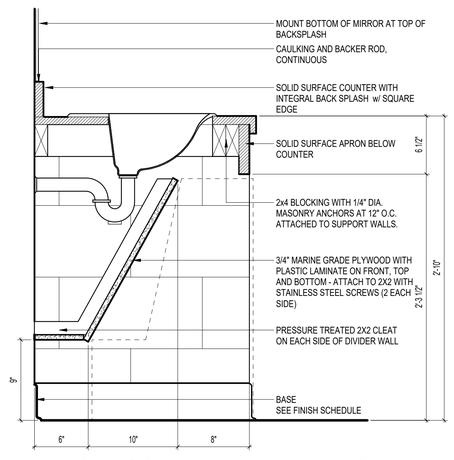
6 A9.1 COUNTERTOP PROFILES

3" = 1'-0"



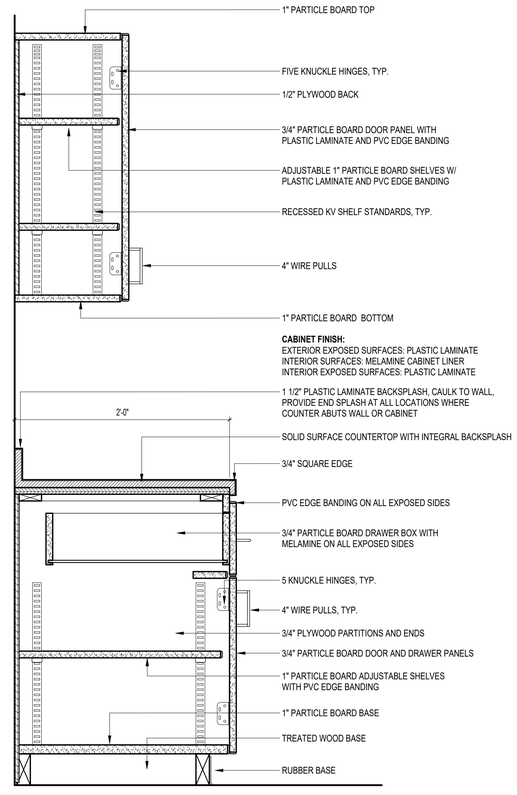
8 A9.1 DETAIL @ STORM DOOR JAMBS

1 1/2" = 1'-0"



10 A9.1 LAVATORY COUNTER DETAIL, TYPICAL

1 1/2" = 1'-0"



9 A9.1 MILLWORK DETAIL

1 1/2" = 1'-0"

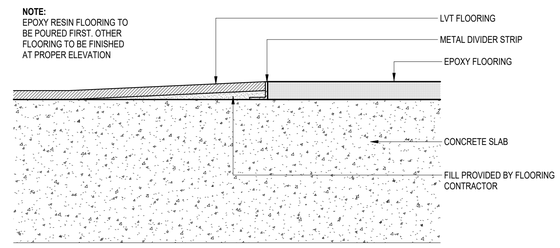
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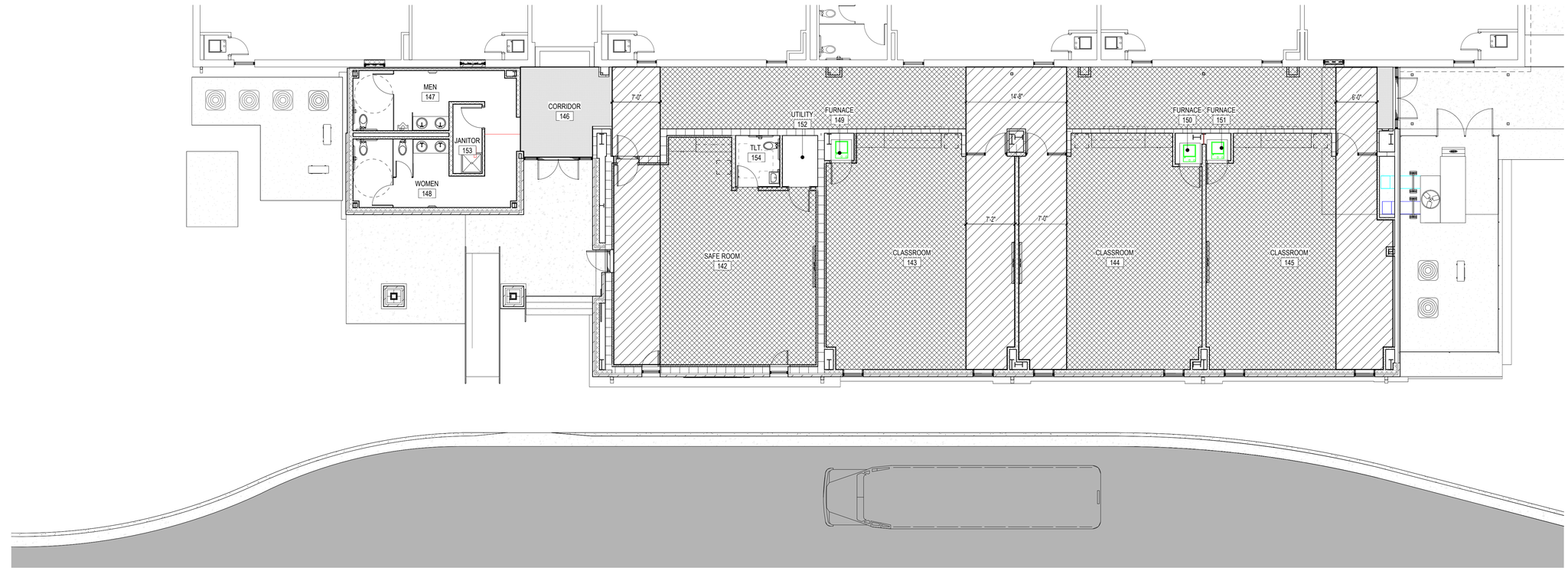
2 A9.2 LVT TO EPOXY TRANSITION
6" = 1'-0"

FINISH LEGEND

FLOORING

- LVT-1 - FIELD
- LVT-1 - ACCENT
- CPT-1 - WALK OFF CARPET

GENERAL NOTE:
IF A ROOM DOES NOT SHOW A HATCH PATTERN AS ABOVE, REFER TO THE FINISH SCHEDULE FOR FLOORING MATERIAL.



1 A9.2 FINISH PLAN
1/8" = 1'-0"

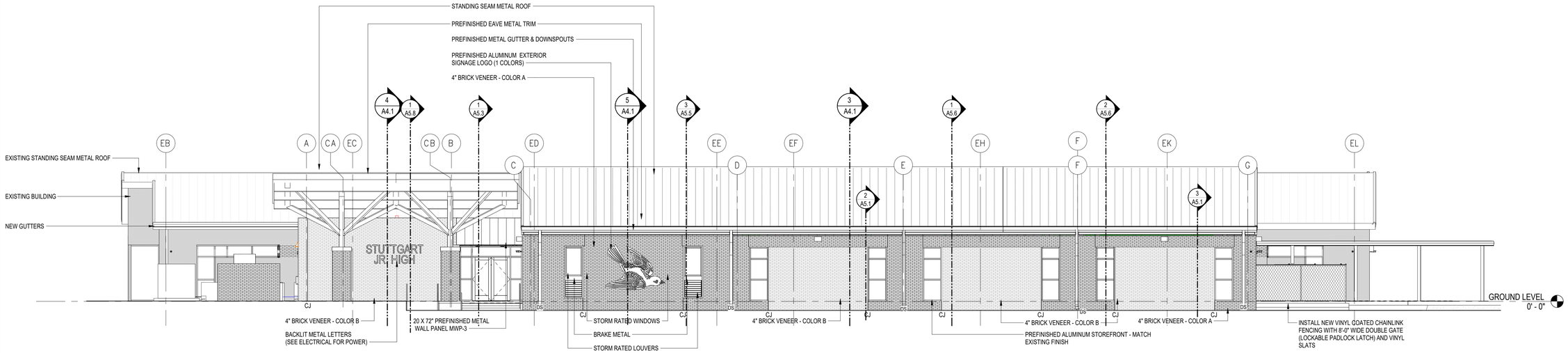
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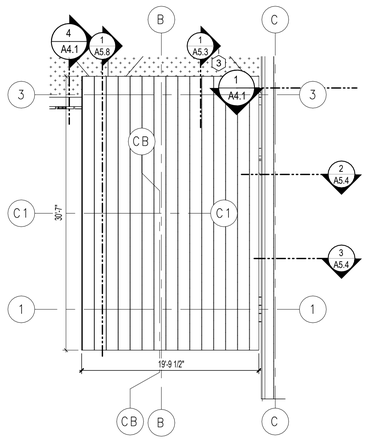
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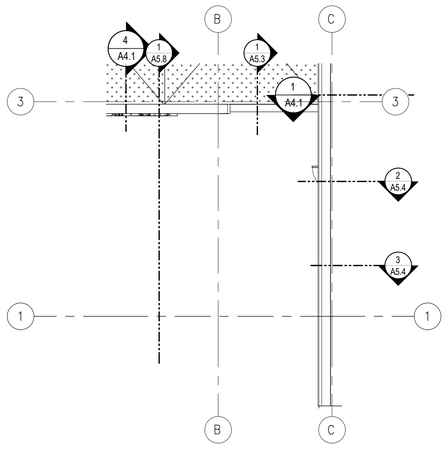
A9.2



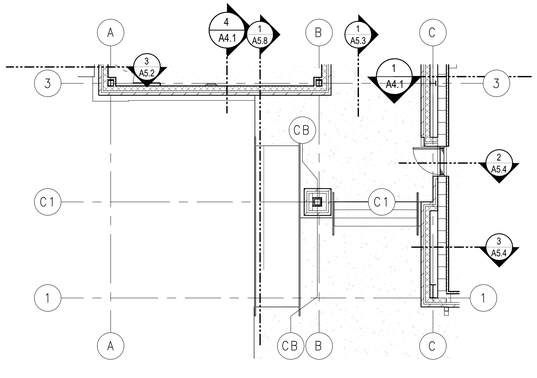
5 A10.1 SOUTH ELEVATION - DEDUCTIVE ALTERNATE #1
1/8" = 1'-0"



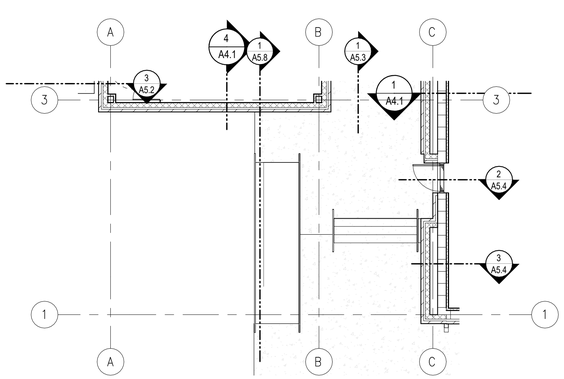
2 A10.1 ENLARGED ROOF PLAN - DEDUCTIVE ALTERNATE #2A
1/8" = 1'-0"



4 A10.1 ENLARGED ROOF PLAN - DEDUCTIVE ALTERNATE #2B
1/8" = 1'-0"



1 A10.1 ENLARGED PLAN - DEDUCTIVE ALTERNATE #2A
1/8" = 1'-0"



3 A10.1 ENLARGED PLAN - DEDUCTIVE ALTERNATE #2B
1/8" = 1'-0"

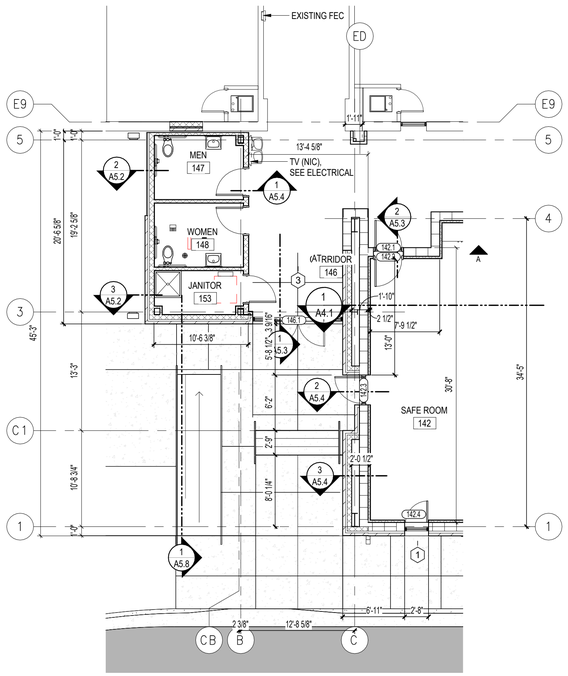
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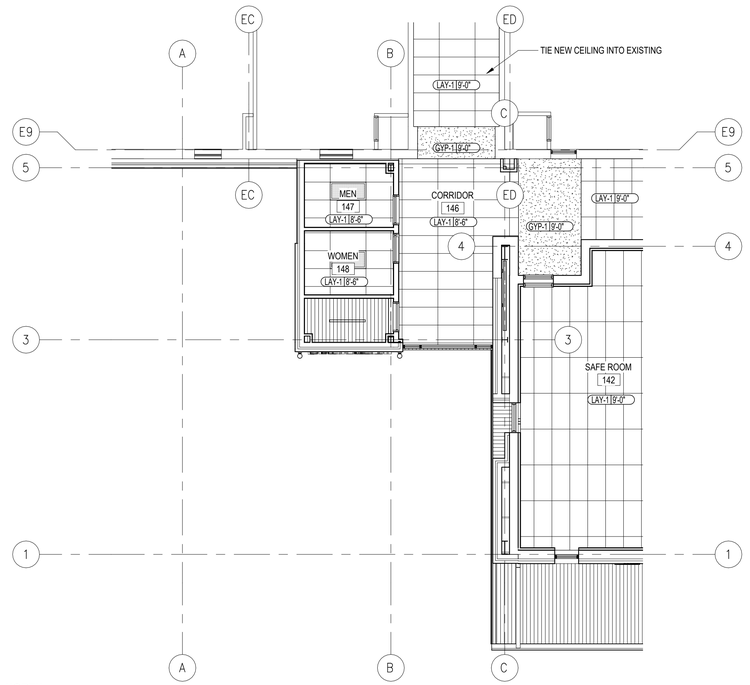
A10.1
0 OF 4



NORTH

1 A10.2 1/8" = 1'-0"

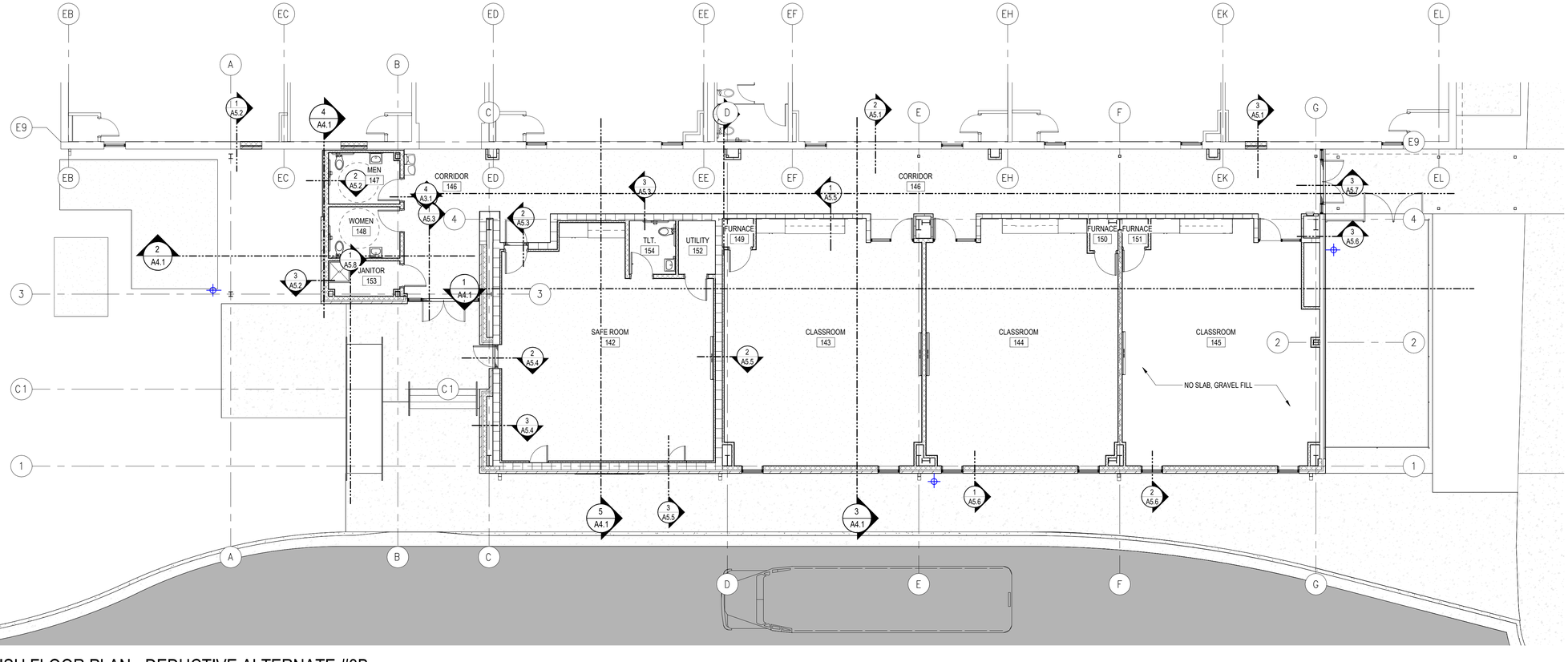
MAIN LEVEL - DEDUCTIVE ALTERNATE #3A



NORTH

2 A10.2 1/8" = 1'-0"

REFLECTED CEILING PLAN - DEDUCTIVE ALTERNATE #3A



NORTH

3 A10.2 1/8" = 1'-0"

FINISH FLOOR PLAN - DEDUCTIVE ALTERNATE #3B

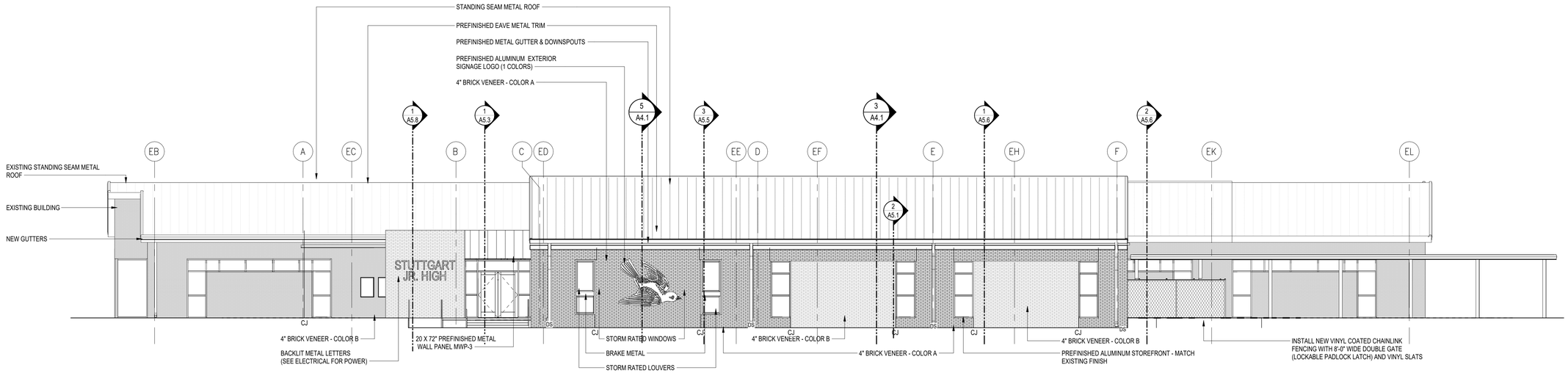
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STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

REGISTERED ARCHITECT
LEWIS, ELLIOTT, MCMORRAN, RAGSDALE & WOODWARD, INC.
NO. C-82
ARKANSAS
9/14/26

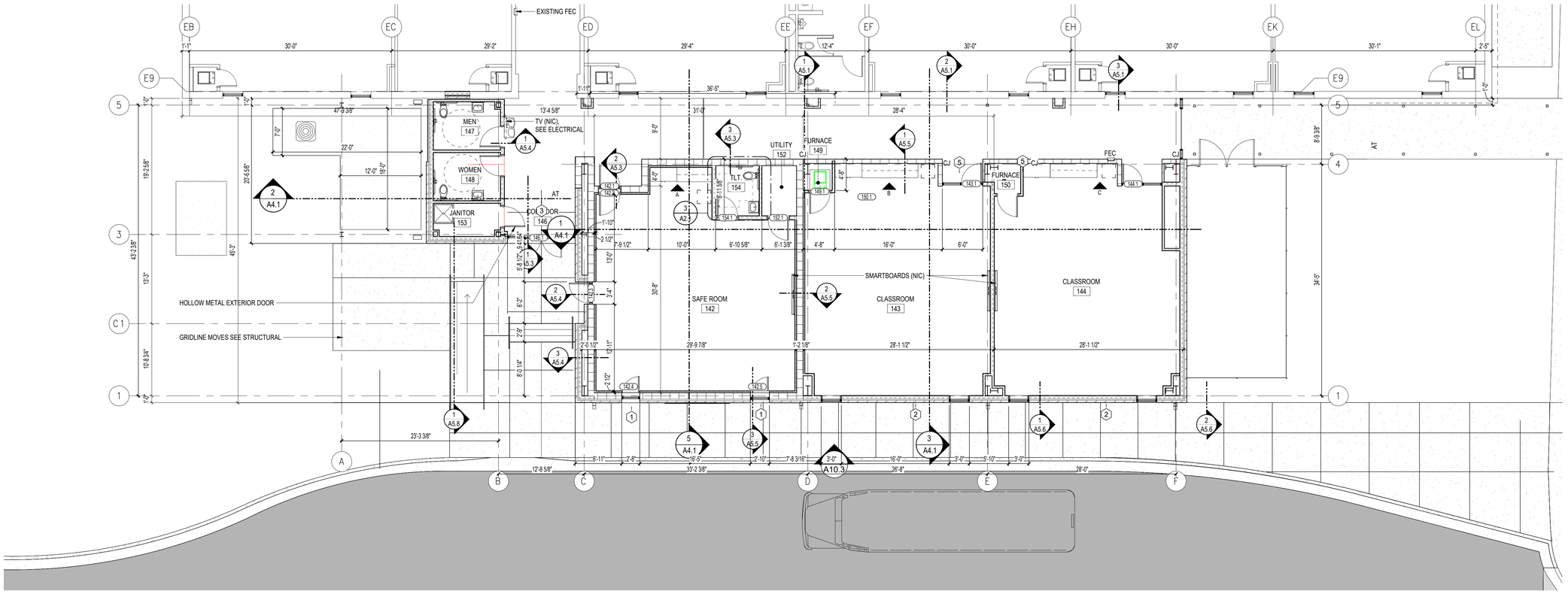
DATE: 2026 06-30
PROJECT NO: 26015
DRAWN BY: JT
REV:

A10.2
0 OF 4



1 A10.3 SOUTH ELEVATION - DEDUCTIVE ALTERNATE #3C

1/8" = 1'-0"



NORTH

2 A10.3 MAIN LEVEL - DEDUCTIVE ALTERNATE #3C

1/8" = 1'-0"

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
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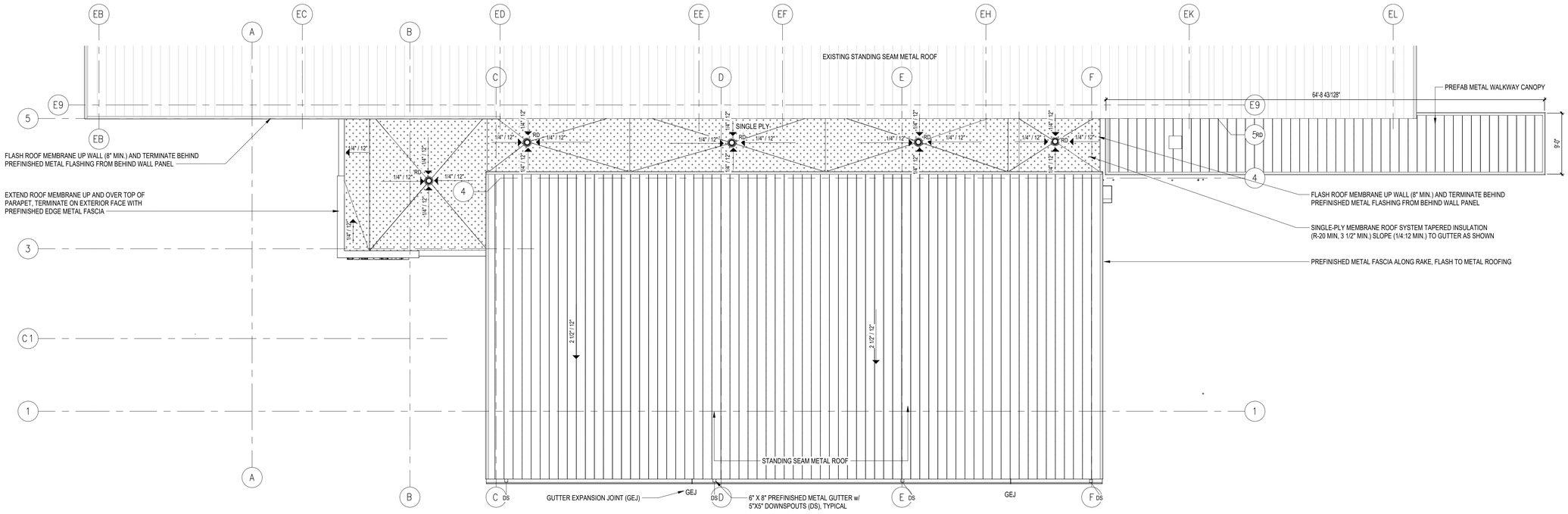
CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
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A10.3

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NORTH

1 / A10.4 1/8" = 1'-0"

ROOF PLAN - DEDUCTIVE ALTERNATE #3C

CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

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REV:

A10.4

GENERAL STRUCTURAL NOTES:

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

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

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

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

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

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

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

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

GENERAL CONCRETE NOTES:

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

CONCRETE PLACEMENT SCHEDULE

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

FOUNDATION NOTES:

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

LIGHT GAGE FRAMING NOTES

1. LIGHT GAGE STRUCTURAL FRAMING NOTED AS "SEE LIGHT GAGE FRAMING NOTES" INCLUDING STUDS, JOISTS CONNECTIONS, CLIPS, ACCESSORIES, ETC. SHALL BE DESIGNED TO MEET THE LOADS NOTED IN THE BUILDING DESIGN LOADS ON THIS SHEET AND THE REQUIREMENTS OF INTERNATIONAL BUILDING CODE 2021 WITH ARKANSAS AMENDMENTS. LIGHT GAGE FRAMING SHALL BE DESIGNED BY AN ENGINEERED LICENSED TO PRACTICE IN ARKANSAS (SEE SPECIFICATIONS REGARDING SUBMITTALS)
2. LIGHT GAGE STRUCTURAL STUD FRAMING SHALL MEET THE STANDARDS OF THE AMERICAN IRON AND STEEL INSTITUTE'S "Design of Cold Formed Structural Members" AS WELL AS THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
3. REFER TO DRAWINGS (ARCHITECTURAL AND STRUCTURAL) FOR BOTTOM AND TOP OF WALL ELEVATIONS, DEFLECTION TRACK/CLIP LOCATIONS, WINDOW AND DOOR LOCATIONS, WALL PENETRATIONS FOR MECHANICAL EQUIPMENT, ETC.
4. ALL OPENINGS SHALL HAVE BOX HEADER OR SIMILAR CONSTRUCTION AND JAMBS AS DICTATED BY THE OPENING SIZE AND WALL HEIGHT.
5. EXTERIOR STUDS SHALL BE 6" STUDS. MINIMUM THICKNESS AT EXTERIOR STUDS IS 43 MIL. EXTERIOR STUDS SHALL BE DESIGNED TO MEET THE FOLLOWING DEFLECTION LIMITS:
   H/600 FOR STUDS BACKING BRICK
   H/240 FOR STUDS BACKING COMPOSITE WALL PANEL, OR GYPBOARD
6. DEFLECTION CONNECTIONS TO ROOF IN STRUCTURAL STEEL FRAMED AREAS SHALL ACCOMMODATE ¾" OF VERTICAL MOVEMENT OF THE STRUCTURE WITHOUT TRANSFERRING VERTICAL LOADS IN TO THE STUD FRAMING SYSTEM. UNO ON DETAILS
7. DESIGN AND PROVIDE STRUCTURAL BRIDGING, BLOCKING, STRAPPING, ETC. IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
8. DESIGN AND PROVIDE CONNECTIONS TO STEEL BEAMS, EDGE ANGLES, CONCRETE, ETC. USING SCREWS, BOLTS, POWDER ACTUATED FASTENERS, ETC. AS APPROPRIATE TO THE MATERIAL BEING ATTACHED.
9. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

GENERAL FRAMING NOTES:

1. BRACE AND GUY UNTIL ALL FINAL CONNECTIONS ARE MADE.
2. ALL STRUCTURAL STEEL MEMBERS SHALL MEET THE FOLLOWING CRITERIA:
   A. WIDE FLANGE SHAPES - Fy=50 ksi. CONFORM TO ASTM A-992.
   B. ANGLES, CHANNELS & ROUND BARS - Fy=50 ksi. CONFORM TO ASTM-A572
   C. PLATES LESS THAN ½" THICK-Fy=36 ksi. CONFORM TO ASTM A-36.
   D. PLATES 1/2" THICK & GREATER & BARS - Fy=50 ksi. CONFORM TO ASTM A-572.
   E. HSS TUBING - Fy=50 ksi. CONFORM TO ASTM A-500 GRADE C
   F. HSS ROUND PIPE - Fy=46 ksi. CONFORM TO ASTM A-500 GRADE C.
3. AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS SHALL GOVERN ALL PHASES OF STEEL CONSTRUCTION.
4. ALL WELDING IN ACCORDANCE WITH A.W.S REQUIREMENTS FOR E70XX ELECTRODES.
5. ALL BOLTS SHALL BE ¾" DIA. A325N, UNO.
6. BEAR STEEL ANGLE LINTELS 8" EACH SIDE OF OPENING UNO.
7. WHEN WELDING OR USING A TORCH IN OR AROUND EXISTING BUILDINGS OR FINISHED AREAS, (FINISHED ROOMS, ATTICS, ON ROOFS, ETC.) PROVIDE FIRE BLANKETS, FIRE WATCHES, ETC. TO PREVENT FIRES OR FIRE DAMAGE
8. PRE-ENGINEERED METAL BUILDING SHALL BE DESIGNED FOR BUILDING DESIGN LOADS SHOWN ON THIS SHEET AND SHALL MEET THE FOLLOWING:
   A. REFER TO ARCHITECTURAL PLANS FOR EAVE HEIGHTS, ROOF SLOPES, TOP OF FRAME ELEVATIONS, AND CLEARANCES BENEATH FRAMES. COLUMNS, FRAMES, AND RAFTER SHALL NOT INTERFERE WITH ARCHITECTURAL FINISHES.
   B. PROVIDE SECONDARY FRAMING TO SUPPORT ITEMS SHOWN ON THE FRAMING PLANS INCLUDING MECHANICAL UNITS, EXHAUST FANS, LOUVERS, MASONRY, ETC. VERIFY SIZE, WEIGHT, AND LOCATION WITH MECH. AND ARCHITECTURAL DRAWINGS AND RESPECTIVE SUPPLIERS.
   C. PROVIDE FRAMING FOR ALL OPENINGS IN STANDING SEAM METAL ROOFS AND PROVIDE FRAMED OPENINGS AT METAL WALL PANEL THAT IS FRAMED WITH GIRTS.
   D. MBM TO DESIGN AND PROVIDE ALL GIRTS NOT SIZED ON THE DRAWING AND THEIR CONNECTION TO THE COLUMNS. INCLUDING (HG) FOR APPLICABLE WIND AND SEISMIC LOADS NOTED IN BUILDING DESIGN NOTES. GIRT TO COLUMN CONNECTIONS SHALL BE SLOTTED AT EACH END OF GIRT TO ALLOW ¾" MOVEMENT ALONG AXIS OF GIRT. SEE SPECIFICATIONS FOR DEFLECTION REQUIREMENTS.
   E. METAL BUILDING COLUMNS THAT HAVE STRUCTURAL STEEL BEAMS FRAMING INTO THEM SHALL HAVE A MINIMUM OF $^{3}/_{16}$" THICK WEBS AND FLANGES FOR CONNECTIONS.
   F. REFER TO THE DRAWINGS AND SPECIFICATION FOR ADDITIONAL REQUIREMENTS REGARDING THE DESIGN, SUBMITTALS, DEFLECTION REQUIREMENTS, ETC. FOR THE METAL BUILDING SYSTEM.

BLOCK REINFORCING NOTES:

GENERAL NOTES:

1. MASONRY SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION FOR MASONRY STRUCTURES - TMS 402/606-16.
2. ALL MASONRY SHALL BE INSPECTED AS PER THE LEVEL 2 QUALITY OF ASSURANCE EXCEPT THE 12" BLOCK @ SHELTER SHALL BE LEVEL 3 QUALITY OF ASSURANCE (FULL INSPECTION) AS SET FORTH IN TMS 402/606-16.
3. GROUTING OF VERTICAL CELLS SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION FOR MASONRY STRUCTURES AS SET FORTH IN TMS 402/606-16.
4. COMPRESSIVE STRENGTH FOR MASONRY (F'M) SHALL BE 2,000 PSI. ALL MASONRY SHALL BE RUNNING BOND WITH TYPE 'S' MORTAR.
5. SEE SHELTER DETAILS FOR SPLICES IN SHELTER WALLS. OTHERWISE VERTICAL REINFORCING MAY BE SPLICED IF REQUIRED WITH MINIMUM LAP AS FOLLOWS:
   #4 VERTS - 16", #5 VERTS - 24",
6. ALL VERTICAL CELLS WITH REINFORCING AND BOND BEAMS SHALL BE FILLED WITH MASONRY GROUT WITH A COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
7. SEE DETAIL 1/S1.2 FOR TYPICAL OPENING IN MASONRY WALL. REFER TO SHELTER DETAILS FOR OPENING REINFORCING IN SHELTER WALLS
8. SEE S1.2 FOR MASONRY LINTEL SCHEDULE. COORD. LOCATION, SIZE, & QUANTITY OF LINTELS REQ'D W/ ARCH. & MECH. DRAWINGS.
9. SEE ARCH. DWGS FOR CONTROL JOINTS IN MASONRY WALLS.
10. PERIMETER WALLS OF STORM SHELTER SHALL BE GROUTED SOLID. (NO CONTROL JOINTS)

VERTICAL REINFORCING:

1. ALL BLOCK WALLS SHALL HAVE ONE FULL HEIGHT REBAR, SIZED AND LOCATED AS FOLLOWS:
   A. REFER TO DETAILS FOR STORM SHELTER PERIMETER WALL REINFORCING
   B. INTERIOR 8" BLOCK NON-BRG WALLS (12'-8" MAX. HEIGHT) - #4 @ 40" O.C.

2. IN ADDITION, ALL BLOCK WALLS SHALL HAVE ONE VERTICAL BAR (SIZE AS INDICATED ABOVE) AT THE FOLLOWING LOCATIONS:
   A. AT ENDS OF WALLS.
   B. AT CORNERS OF WALLS.
   C. AT WALL INTERSECTIONS.
   D. AT EACH SIDE OF ALL WALL CONTROL JOINTS.
   E. AT EACH SIDE OF ALL OPENINGS GREATER THAN 16" WIDE.
   F. AS INDICATED BENEATH BEAM BEARINGS.

HORIZONTAL REINFORCING:

1. ALL 8" BLOCK WALLS SHALL HAVE AN 8" DEEP x 8" WIDE NOMINAL BOND BEAM AT THE TOP OF THE WALL. ALL 12" BLOCK WALLS SHALL HAVE A 8" DEEP x12" WIDE BOND BEAM AT THE TOP OF THE WALL. REINFORCE BOND BEAM WITH (2) #4 REBAR (UNO)
2. HORIZONTAL JOINT REINFORCING SHALL BE CONTINUOUS AND SPACED AT 16" ON CENTER VERTICALLY. MINIMUM LAP IS 12".
3. REFER TO THE LINTEL SCHEDULE FOR MASONRY LINTELS.
4. STORM SHELTER WALLS SHALL HAVE REINFORCED HORIZONTAL BOND BEAMS AS NOTED ON THE DETAILS.

STRUCTURAL LEGEND:

AA	ADHESIVE ANCHOR - SEE SPECS.
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISH FLOOR
BOD	BOTTOM OF DECK
BOF	BACK OF FRAME
BOP	BOTTOM OF PURLIN
BOS	BOTTOM OF STEEL
BRG.	BEARING
CJ	KEYED CONTROL JOINT - SEE 3/S3.1
CLR.	CLEAR
CSRF	CLEAR SPAN RIGID FRAME BY MBM
CSEWF	CLEAR SPAN ENDWALL FRAME BY MBM
DBA	DEFORMED BAR ANCHOR
EF	EACH FACE
EJ	EXPANSION JOINT
ES	EAVE STRUT BY MBM
EQ	EQUAL
EW	EACH WAY
FD	FLOOR DRAIN (24"Ø WALLOW, SLOPE SLAB ½" TO DRAIN)
FDL	FOUNDATION DRAIN LINE
FF	FINISHED FLOOR
FG	FINISHED GRADE
FOB	FACE OF BRICK OR BLOCK
FOC	FACE OF CONCRETE
FOS	FACE OF STUD
FS	FLOOR SINK - SEE 5/S3.1
H	HIGH
HD	HEADER- SEE 2/S1.2
HG	HORIZONTAL GIRT
HRB	HORIZONTAL ROD BRACE BY MBM
HP	HAIRPIN
HS	HEADED STUD
L	LOW
LG	LONG
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LINTEL - SEE SCHEDULE ON S1.2
MBM	METAL BUILDING MANUFACTURER
MWP	METAL WALL PANEL
O.C.	ON CENTER
O.H.	OPPOSITE HAND
PAF	POWDER ACTUATED FASTENER - SEE SPECS.
PF	PORTAL FRAME BY MBM
SB	SECONDARY BEAM BY MBM
SCJ	SAWN CONTROL JOINT - SEE 2/S3.1
SF	STEP IN FOOTING - SEE 6/S3.1
SIM	SIMILAR
SSMR	STANDING SEAM METAL ROOF
TB	TIE BEAM - SEE 10/S3.1
TOF	TOP OF FOOTING
TOM	TOP OF MASONRY
TOP	TOP OF PURLIN
TOS	TOP OF STEEL
TOW	TOP OF WALL
UNO	UNLESS NOTED OTHERWISE
V	VERTICAL
VIF	VERIFY IN FIELD
WCJ	WALL CONTROL JOINT - SEE 9/S3.1
WWF	WELDED WIRE FABRIC
— — — —	DENOTES SAWN CONTROL JOINT
— — —	DENOTES SLAB CORNER BAR

BUILDING DESIGN LOADS:

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

1. GRAVITY LOADS:
   a. METAL BUILDING:
      - UNIFORM DEAD = SELF WEIGHT OF FRAMES, BEAMS, PURLINS, ROOF DECK, INSULATION
      - UNIFORM LIVE
         i. SLOPED ROOFS = 20 PSF (4 PSF MAX. REDUCTION FOR FRAMES)
         ii. FLAT ROOFS = 20 PSF (NO REDUCTION) - SEE BELOW FOR SNOW
      - UNIFORM COLLATERAL
         i. SLOPED ROOFS = 8.5 PSF
         ii. FRAMING ABOVE SHELTER = 3 PSF
         iii. FLAT ROOFS = 12.5 PSF
      - CONCENTRATED LOADS WHERE NOTED ON DRAWINGS.
   b. CANOPY ROOF:
      - UNIFORM DEAD = 12 PSF
      - UNIFORM LIVE = 20 PSF
2. WIND LOADS:
   - ULTIMATE WIND SPEED (V) = 113 MPH
   - WIND IMPORTANCE FACTOR (I) = 1.0
   - RISK CATEGORY = III
   - INTERNAL PRESSURE COEFFICIENTS (GCpi) = ±.18
   - EXPOSURE CATEGORY = C
3. SNOW LOAD CRITERIA:
   - GROUND SNOW LOAD (PG) = 10 PSF
   - SNOW EXPOSURE FACTOR (CE) = 1.0
   - IMPORTANCE FACTOR (I) = 1.10
   - THERMAL FACTOR (CT) = 1.0
   - UNIFORM SNOW LOAD AT FLAT ROOFS - 35 PSF (INCLUDES DRIFT)
4. SEISMIC LOAD CRITERIA:
   - RISK CATEGORY = III
   - IMPORTANCE FACTOR = 1.25
   - SPECTRAL RESPONSE COEFFICIENTS
      I. Ss = 0.405
      II. S1 = 0.17
      III. SDs = 0.35
      IV. SD1 = 0.17
   - SITE CLASS = C (PER SOILS ENGINEER)
   - SEISMIC DESIGN CATEGORY = C
   - BASIC SEISMIC RESISTING SYSTEM
     STEEL SYSTEMS NOT SPECIFICALLY DETAIL FOR SEISMIC, R=3.0
5. CONSTRUCTION LOADS (SCISSORS LIFTS, FORKLIFTS, ETC.) SUPPORTED BY SLABS-ON-GRADE AND STRUCTURAL SLABS SHALL BE ANALYZED BY AN INDEPENDENT STRUCTURAL ENGINEER. THE COST OF THE ANALYSIS SHALL BE PAID FOR BY THE CONTRACTOR. THE ANALYSIS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL. HOWEVER, ENGINEER OF RECORD IS NOT RESPONSIBLE SHOULD DAMAGE TO THE SLAB OR STRUCTURE OCCUR.

STORM SHELTER DESIGN LOADS:

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

1. GRAVITY LOADS:
   - UNIFORM DEAD = 120 PSF
   - UNIFORM LIVE = 100 PSF
   - ADDITIONAL DEBRIS LOAD = 50 PSF
2. WIND LOAD CRITERIA:
   - BASIC WIND SPEED (V) = 250 MPH
   - WIND IMPORTANCE FACTOR (I) = 1.0
   - DIRECTIONALITY FACTOR (KD) = 1.0
   - INTERNAL PRESSURE COEFFICIENTS (GCPI) = ±.55
   - EXPOSURE CATEGORY = C
   - VELOCITY PRESSURE (Q) = 136 PSF
   - DESIGNED TO MEET THE REQUIREMENTS OF 2020 ICC 500 - "STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS" INCLUDING EXTREME WIND LOADS AND MISSILE IMPACT CRITERIA FOR TORNADOS.
3. SNOW LOAD CRITERIA:
   - GROUND SNOW LOAD (PG) = 10 PSF
   - SNOW EXPOSURE FACTOR (CE) = 1.0
   - IMPORTANCE FACTOR (I) = 1.2
   - THERMAL FACTOR CT = 1.0
4. SEISMIC LOAD CRITERIA:
   - RISK CATEGORY = IV
   - IMPORTANCE FACTOR = 1.5
   - SPECTRAL RESPONSE COEFFICIENTS
      I. Ss = 0.405
      II. S1 = 0.17
      III. SDs = 0.35
      IV. SD1 = 0.17
   - SITE CLASS = C (PER SOILS ENGINEER)
   - SEISMIC DESIGN CATEGORY = D
   - BASIC SEISMIC RESISTING SYSTEM
     SPECIAL REINFORCED MASONRY SHEAR WALLS R=5
5. SEE "BUILDING DESIGN LOADS" FOR NOTE ABOUT CONSTRUCTION LOADS.

SPECIAL INSPECTIONS:

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

REFER TO THE PROJECT SPECIFICATIONS FOR:
1. STATEMENT OF SPECIAL INSPECTIONS.
2. STATEMENT OF SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
3. STATEMENT OF SPECIAL INSPECTIONS FOR TORNADO RESISTANCE.
4. SCHEDULE OF SPECIAL INSPECTIONS

SEISMIC NOTE:

I HEREBY CERTIFY THAT THE FOUNDATION & FRAMING PLANS AS WELL AS THE DETAILS & SPECIFICATIONS HAVE BEEN PREPARED BY ME OR UNDER MY SUPERVISION.
I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THE PLANS AND SPECIFICATIONS ARE AS REQUIRED AND IN COMPLIANCE WITH ACT 1100 (SEISMIC LAW).
REFER TO THE BUILDING DESIGN LOADS ON THIS SHEET FOR SEISMIC DESIGN CRITERIA.
DATE: SEPTEMBER 14, 2026

RANDY L GANGLUFF, P.E., AR #11242

GREESON GATLIN GANGLUFF & ASSOCIATES
ENGINEERS PA
Phone: 501.224.7070

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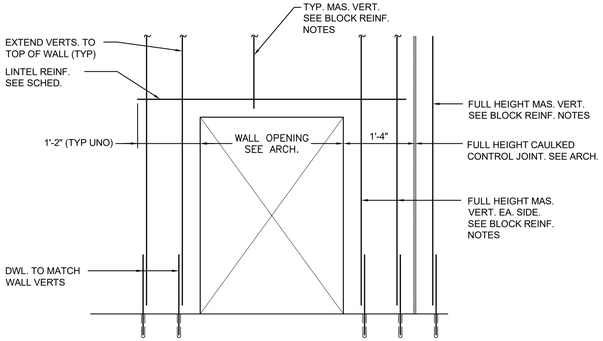
CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

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

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.11242
RANDY L GANGLUFF
09–14–2026

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: GGGAE
REV:

S1.1

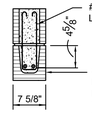


SILL NOTES:
1. IF OPENING DOES NOT GO TO THE FLOOR, PROVIDE HORIZ. BARS BELOW OPENING SAME SIZE AS LINTEL.
2. PROVIDE MAS. VERTS./DWLS. PER BLOCK REINF. NOTES BELOW OPENING. IF OPENING IS GREATER THAN 8'-0" WIDE, PROVIDE MAS. VERTS./DWLS. @ MAX. 24" O.C. MAX. BELOW SILL

ELEVATION AT OPENING

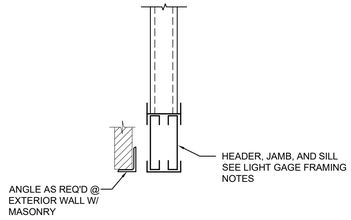
1/S1.2 TYPICAL MASONRY OPENING NON-SHELTER WALLS
NTS

LINTEL SCHEDULE

LT-1	

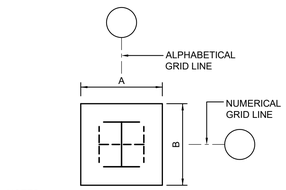
LINTEL FOR INTERIOR NON-LOAD BEARING WALL OPENINGS 4'-1" TO 6'-8" UNO ON PLAN.

SEE STORM SHELTER DETAILS FOR LINTEL REINF. @ STORM SHELTER MASONRY OPEN'GS



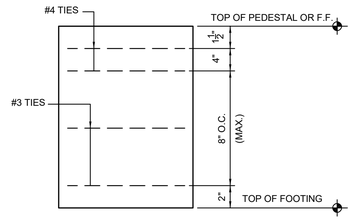
OPENING WIDTH	LINTEL ANGLE
UP TO 4'-0"	∠3½x3½x5/16
4'-1" TO 6'-8"	∠6x3½x5/16 LLV

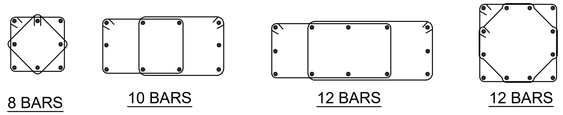
2/S1.2 EXTERIOR LT. GA. HEADER (HD)
NTS



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

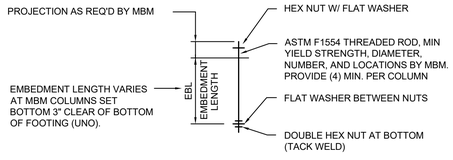
A/S1.2 COLUMN PEDESTAL ORIENTATION
NTS





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

B/S1.2 PEDESTAL TIE CONFIGURATION
NTS



C/S1.2 TYPICAL ANCHOR BOLT FOR MBM COLS
NTS

COLUMN MARK, FOOTING MARK, MAXIMUM REACTIONS, PEDESTAL SIZE and REINFORCING SCHEDULE

GRID	① COLUMN MARK	② FOOTING MARK	③ MAX. COL. REACTION (KIPS) Pd	Pu	H	④ PEDESTAL SIZE 'A' x 'B'	⑤ PEDESTAL REINFORCING	REFERENCE DETAIL
A-3	B	40	7	2	2	1'-8" x 1'-8"	(8) #5	6/S3.3
A-5	B	SEE DETAIL	7	2	2	SEE DETAIL		2/S3.2
B-3	B	40	7	2	2	1'-8" x 1'-8"	(8) #5	6/S3.3
B-5	B	SEE DETAIL	11	2	2	SEE DETAIL		2/S3.2
C-1	A	SEE DETAIL	19	5	8	SEE DETAIL		3/S3.3
C-3	D	-	4	2	3	SEE DETAIL		4/S3.3
C-4	A	SEE DETAIL	20	4	8	2'-8" x 4'-0"	(12) #7	5/S3.3
C-5	C	SEE DETAIL	7	2	2	SEE DETAIL		3/S3.2
D-1	A	SEE DETAIL	30	9	11	1'-8" x 2'-8"	(8) #6	7/S3.3
D-4	A	SEE DETAIL	27	6	11	1'-8" x 2'-8"	(8) #6	2/S3.3
D-5	C	SEE DETAIL	9	2	2	SEE DETAIL		1/S3.2
E-1	A	50	30	9	11	2'-8" x 2'-8"	(12) #6	1/S3.3 & 5A/S3.2
E-4	A	50	27	6	11	2'-8" x 2'-8"	(12) #6	4/S3.2 & 5/S3.2
E-5	C	SEE DETAIL	8	2	2	SEE DETAIL		1/S3.2
F-1	A	50	30	9	11	2'-8" x 2'-8"	(12) #6	1/S3.3 & 5A/S3.2
F-4	A	50	27	6	11	2'-8" x 2'-8"	(12) #6	4/S3.2 & 5/S3.2
F-5	C	SEE DETAIL	8	2	2	SEE DETAIL		1/S3.2
G-1	A	46	19	5	8	1'-10" x 2'-8"	(8) #6	1/S3.3
G-2	E	-	0	0	3	1'-10" x 1'-8"	(8) #5	6/S3.2
G-4	A	46	20	4	8	1'-10" x 2'-8"	(8) #6	4/S3.2
G-5	C	SEE DETAIL	4	2	2	SEE DETAIL		1/S3.2

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

MAXIMUM ALLOWABLE REACTION NOTE:

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

MBM COLUMN SCHEDULE

MARK	COLUMN DESCRIPTION
A	* TAPERED LEG FRAME COLUMN BY MBM
B	STRAIGHT LEG FRAME COLUMN BY MBM (MAX. DEPTH = 8")
C	INTERIOR TUBE BRG. COL. BY MBM (8" SQ. MAX)
D	**LOW ROOF BEARING COLUMN BY MBM (MAX. DEPTH = 8")
E	NON-LOAD BEARING WIND COLUMN BY MBM (MAX. DEPTH = 8")

* SEE ARCH. DRAWINGS FOR MAXIMUM DEPTH RESTRICTIONS. COLUMNS SHALL NOT ENCROACH ON FINISHED SPACES.

** COLUMN TO EXTEND TO UPPER ROOF TO BRACE GIRTS @ ENDWALL, BUT DOES NOT SUPPORT RAFTER.

FOOTING SCHEDULE

MARK	FOOTING SIZE	FOOTING REINFORCING
40	4'-0" SQ. x 16" THICK	(4) #5 EACH WAY TOP & BOTT.
46	4'-6" SQ. x 16" THICK	(4) #6 EACH WAY TOP & BOTT.
50	5'-0" SQ. x 16" THICK	(4) #6 EACH WAY TOP & BOTT.

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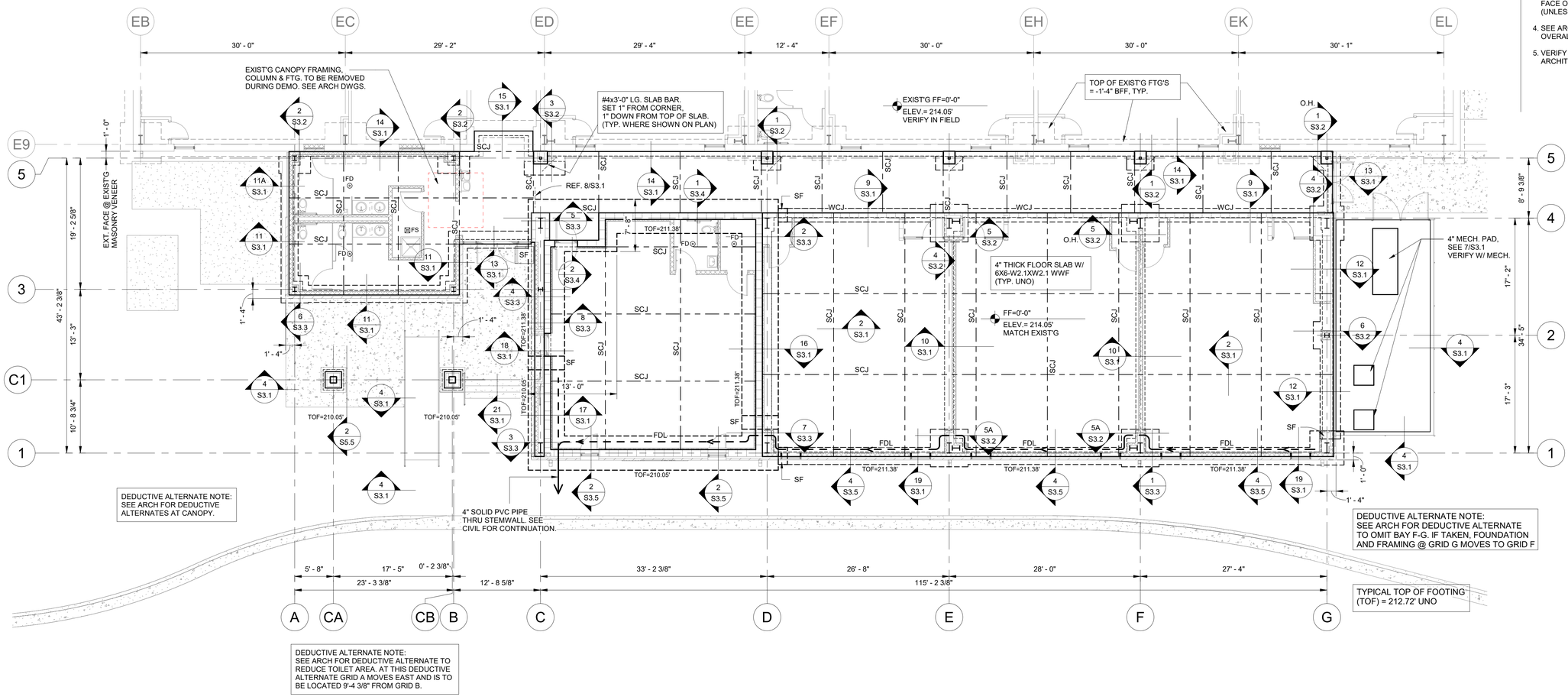
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S1.2

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. GENERAL CONCRETE NOTES
   c. FOUNDATION NOTES
   d. LT. GA. FRAMING NOTES
   e. GENERAL FRAMING NOTES
   f. BLOCK REINFORCING NOTES
   g. STRUCTURAL LEGEND
2. SEE S1.2 FOR:
   a. TYP. DETAILS
   b. LT. GA. HEADER DETAIL
   c. LINTEL SCHEDULE
   d. COLUMN SCHEDULE
3. EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY VENEER (UNLESS NOTED OTHERWISE)
4. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
5. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS



NORTH

1 / S2.1 FOUNDATION PLAN

1/8" = 1'-0"

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 214.05'

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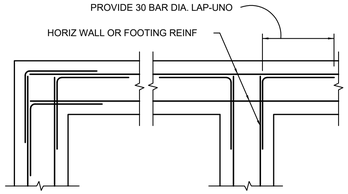
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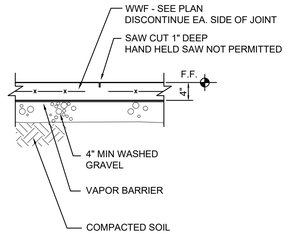
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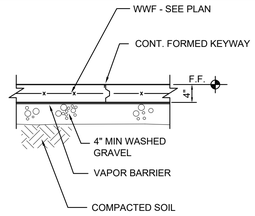
S2.1



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

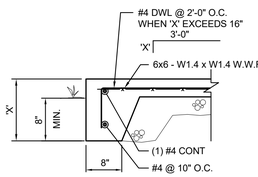


2 S3.1 TYP. SAWN CONTROL JOINT (SCJ)
3/4"=1'-0"

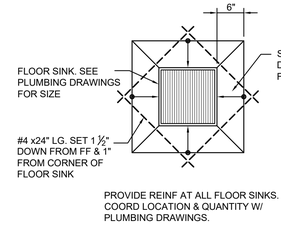


NOTE: PROVIDE CONTROL JOINT AT ENDS OF ALL POURS.

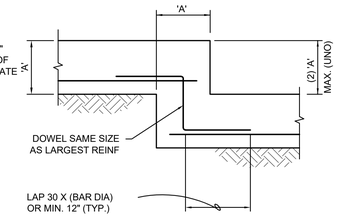
3 S3.1 TYP.CONSTRUCTION JOINT (CJ)
3/4"=1'-0"



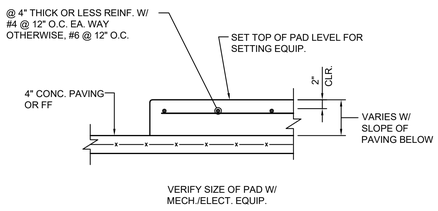
4 S3.1 TYP. EDGE OF CONC. PADS @ RAMP & SIDEWALKS
3/4"=1'-0"



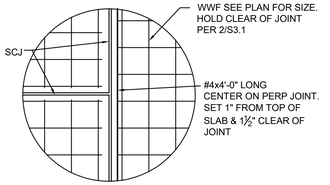
5 S3.1 TYP. FLOOR SINK PLAN DETAIL
3/4"=1'-0"



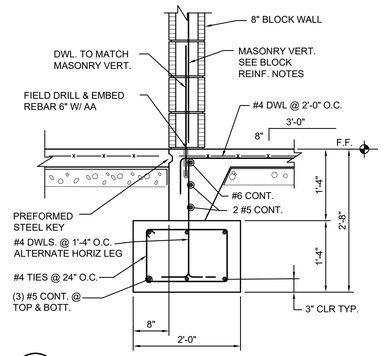
6 S3.1 TYP. STEP IN FOOTING (SF) DETAIL
N.T.S.



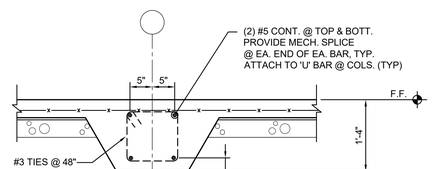
7 S3.1 (TYP.) CONC. PAD @ EQUIPMENT
3/4"=1'-0"



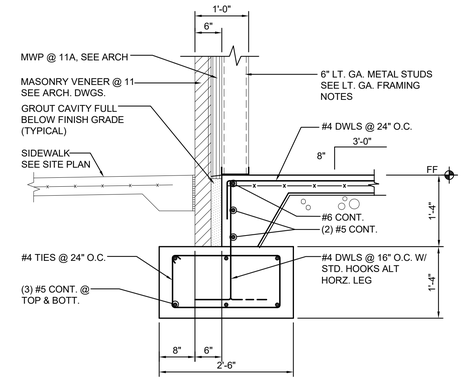
8 S3.1 REBAR @ PERP. SLAB JOINT (TYP.)
3/4"=1'-0"



9 S3.1 INTERIOR WALL WITH FOOTING
3/4"=1'-0"

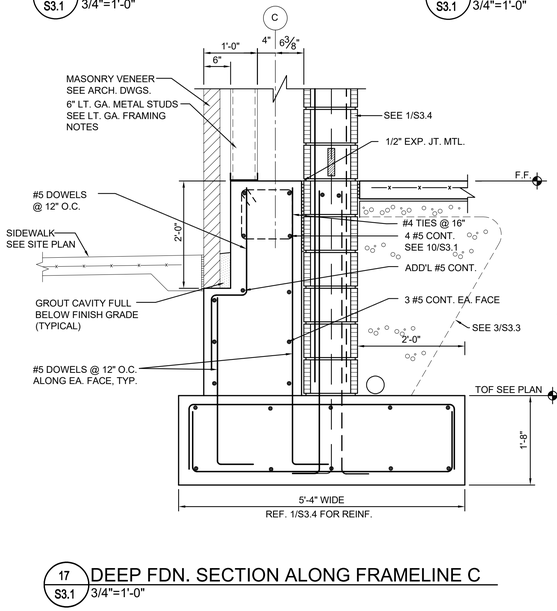


10 S3.1 SLAB TIE BEAM REINF.
3/4"=1'-0"

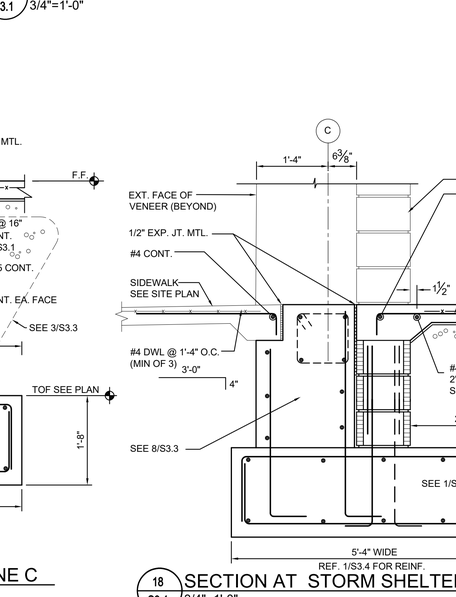


11 S3.1 TYP. FDN. SECTION @ STUD WALL W/ VENEER
3/4"=1'-0"

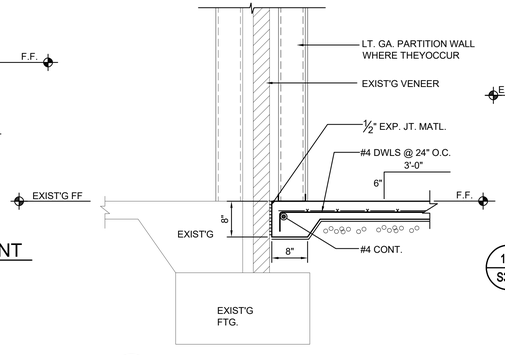
11A S3.1 FDN. SECTION @ STUD WALL W/ MWP
3/4"=1'-0"



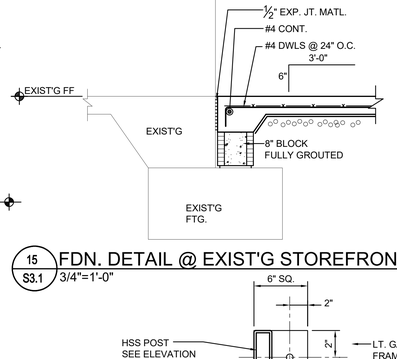
12 S3.1 FDN. SECTION ALONG FRAMLINE G
3/4"=1'-0"



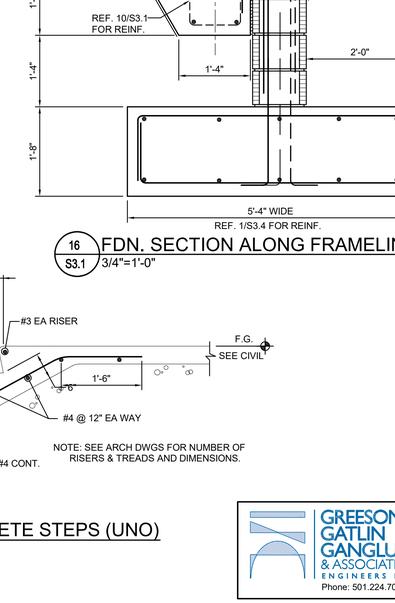
13 S3.1 TYP. FDN SECTION @ EXT. STOREFRONT
3/4"=1'-0"



14 S3.1 TYP. SLAB EDGE ALONG EXIST'G (UNO)
3/4"=1'-0"



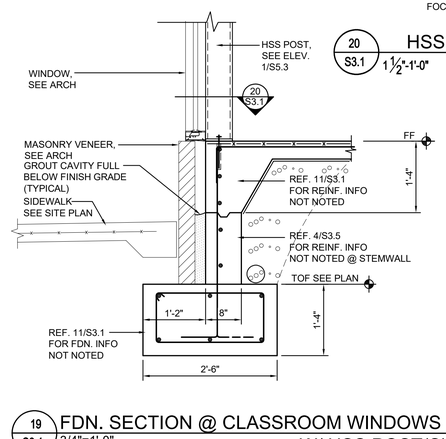
15 S3.1 FDN. DETAIL @ EXIST'G STOREFRONT
3/4"=1'-0"



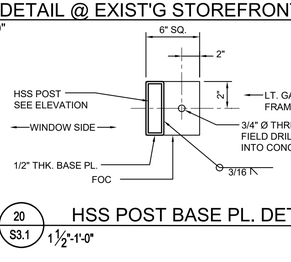
16 S3.1 FDN. SECTION ALONG FRAMELINE D
3/4"=1'-0"

17 S3.1 DEEP FDN. SECTION ALONG FRAMELINE C
3/4"=1'-0"

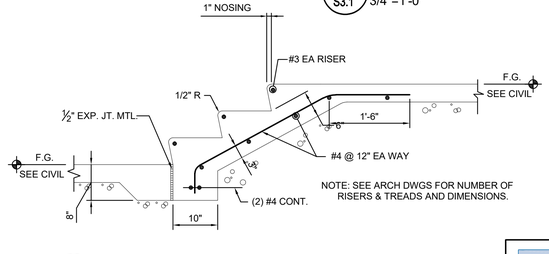
18 S3.1 SECTION AT STORM SHELTER EXT. DOOR
3/4"=1'-0"



19 S3.1 FDN. SECTION @ CLASSROOM WINDOWS W/ HSS POST(S)
3/4"=1'-0"



20 S3.1 HSS POST BASE PL. DETAIL
1½"-1'-0"



21 S3.1 TYP. EXT. CONCRETE STEPS (UNO)
3/4"=1'-0"

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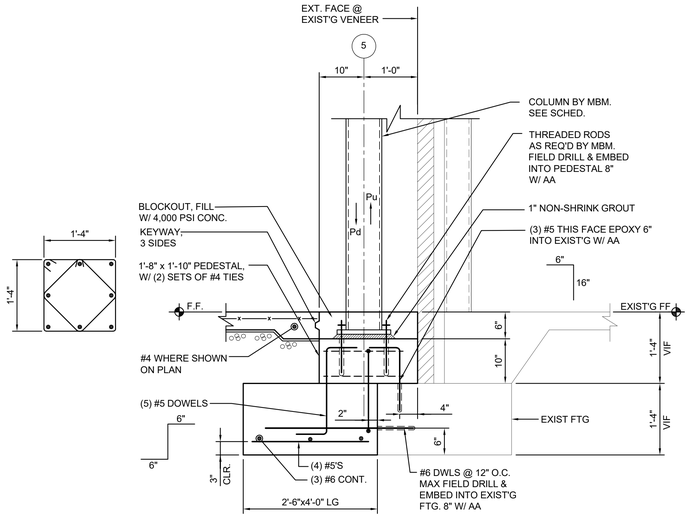
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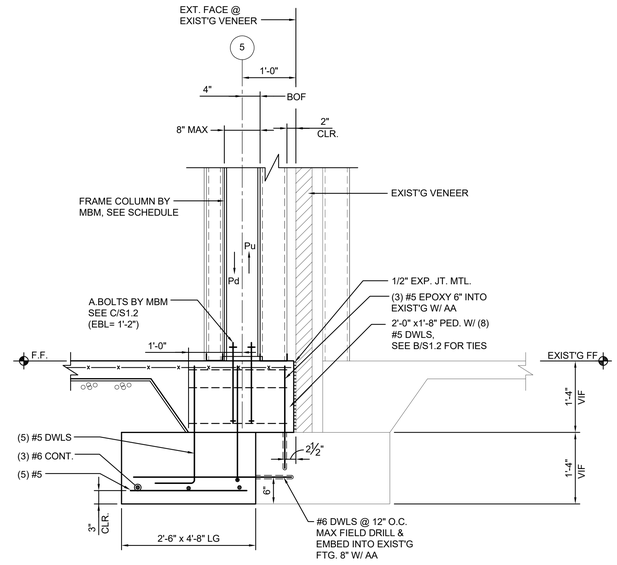
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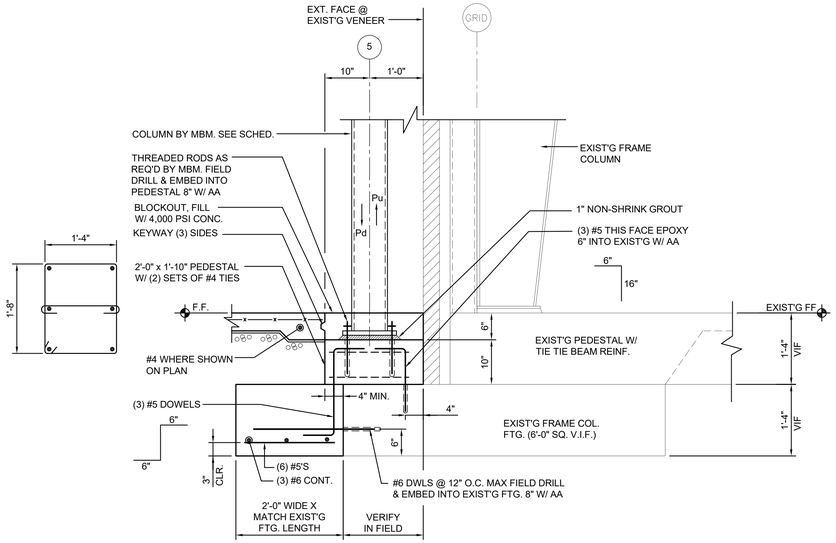
S3.1



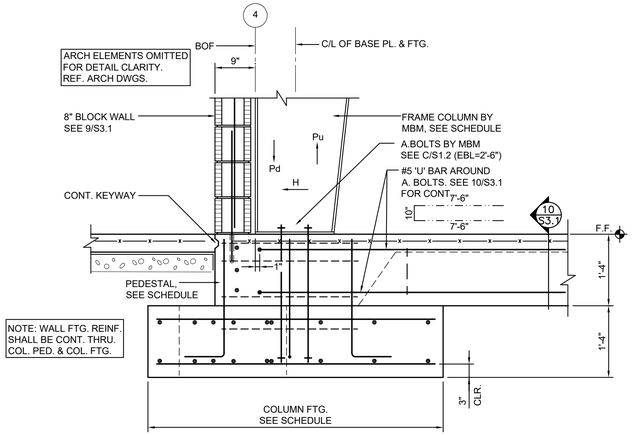
1 S3.2 TYP. COL. FDN. SECTION ALONG GRID 5 (UNO)
3/4"=1'-0"



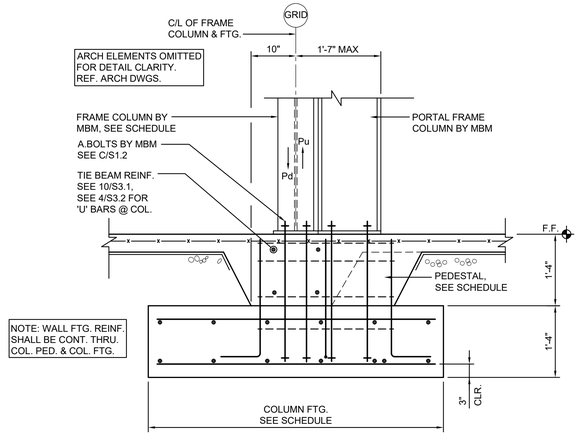
2 S3.2 FDN. SECTION @ FRAME COLUMNS A-5 & B-5
3/4"=1'-0"



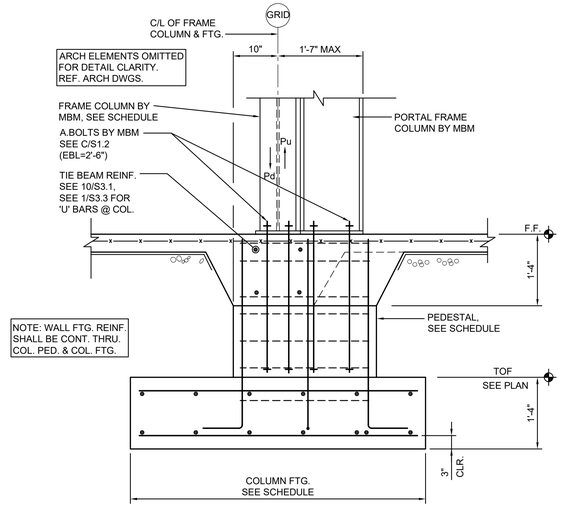
3 S3.2 FDN. SECTION @ FRAME COLUMN C-5
3/4"=1'-0"



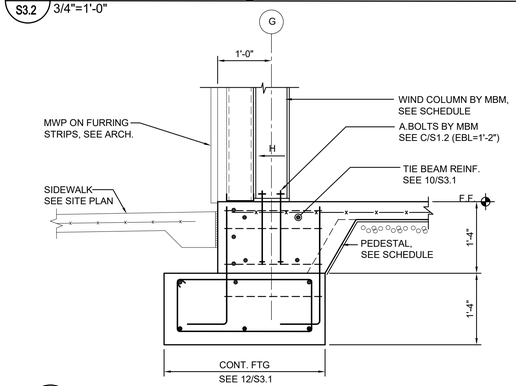
4 S3.2 TYP. FDN. SECTION @ FRAME COL'S ALONG GRIDLINE 4 (UNO)
3/4"=1'-0"



5 S3.2 FDN. SECTION @ PORTAL FRAME GRID 4
3/4"=1'-0"



5A S3.2 FDN. SECTION @ PORTAL FRAME GRID 1
3/4"=1'-0"



6 S3.2 FDN. SECTION @ ENDWALL FRAME COL. G-2
3/4"=1'-0"

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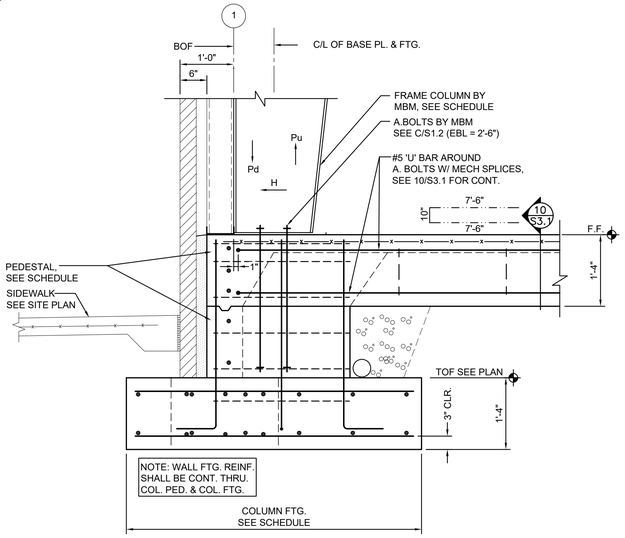
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ENGINEER
No. 11242
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09-14-2026

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PROJECT NO:	26015
DRAWN BY:	GGGAE
REV:	

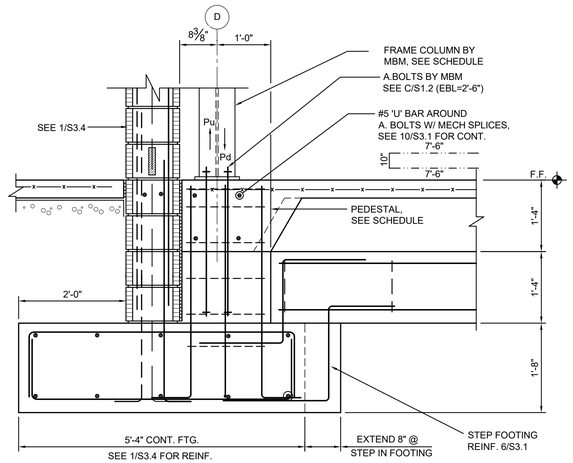
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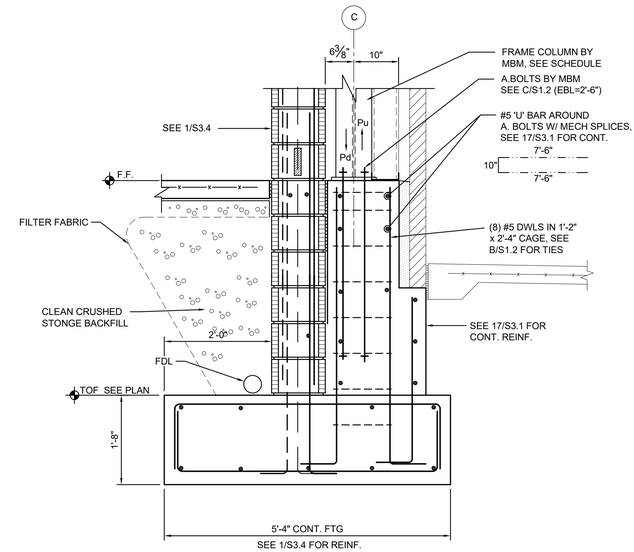
S3.2



1 S3.3 TYP. FDN. SECTION @ FRAME COL'S ALONG GRIDLINE 1 (UNO)
3/4"=1'-0"



2 S3.3 FDN. SECTION @ FRAME COLUMN D-4
3/4"=1'-0"

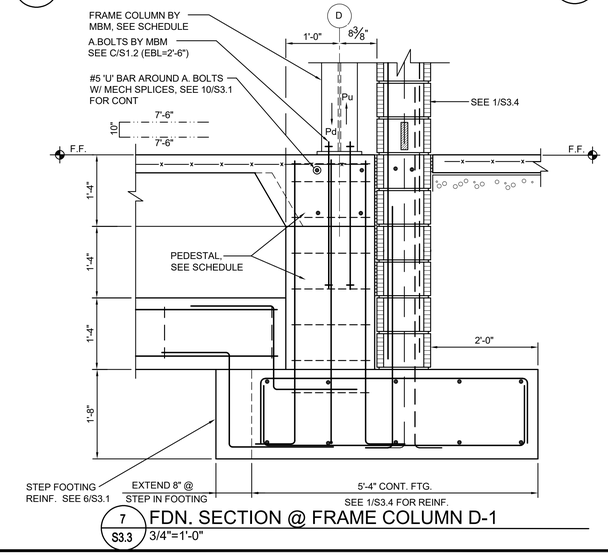


3 S3.3 FDN. SECTION @ FRAME COL. C-1
3/4"=1'-0"

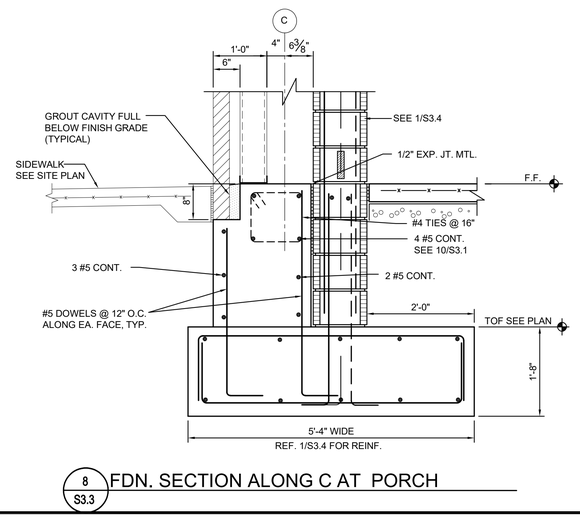
4 S3.3 FDN. SECTION @ ENDWALL FRAME COL. C-3
3/4"=1'-0"

5 S3.3 SECTION @ FRAME COLUMN C-4 (LOOKING NORTH)
3/4"=1'-0"

6 S3.3 FDN. SECTION @ FRAME COL.'S A-3 & B-3
3/4"=1'-0"



7 S3.3 FDN. SECTION @ FRAME COLUMN D-1
3/4"=1'-0"



8 S3.3 FDN. SECTION ALONG C AT PORCH

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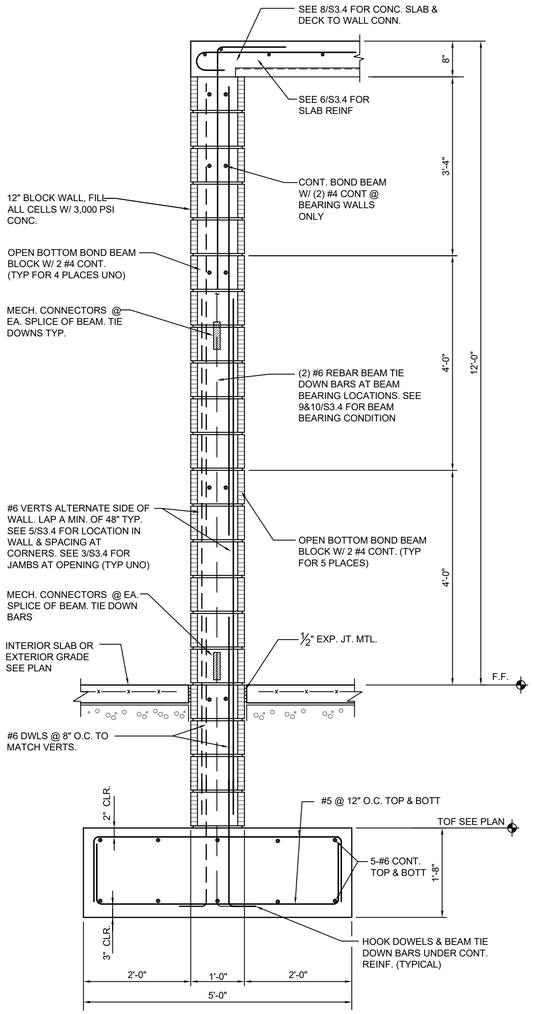
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DRAWN BY: GGGAE
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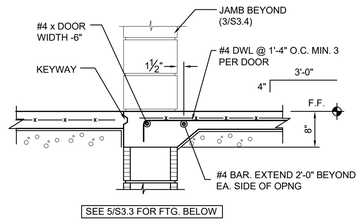
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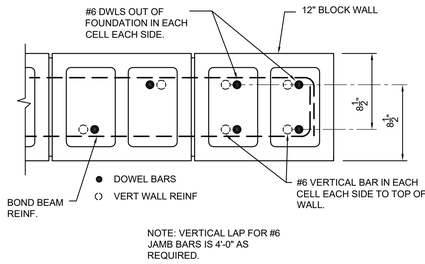
S3.3



1 S3.4 TYP. 12" BLOCK SHELTER WALL REINF. & FOOTING (UNO)
3/4"=1'-0"

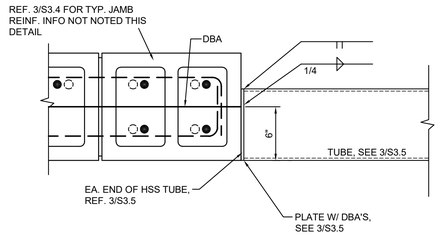


2 S3.4 SLAB EDGE @ INTERIOR DOOR
3/4"=1'-0"

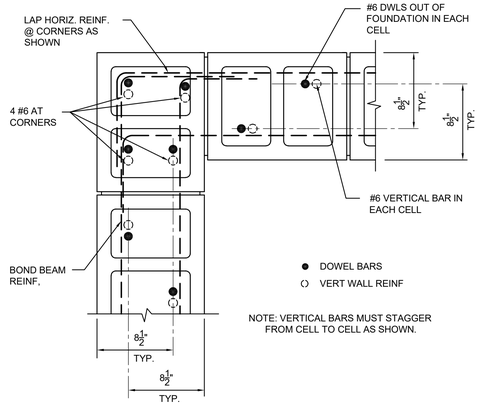


NOTE: VERTICAL LAP FOR #6 JAMB BARS IS 4'-0" AS REQUIRED.

3 S3.4 TYPICAL JAMB REINF AT 12" BLOCK WALLS (UNO)
NTS

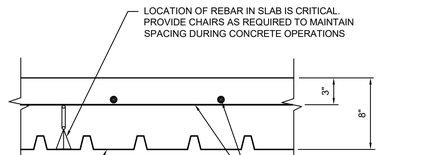


4 S3.4 JAMB REINF. W/ HSS TUBE @ MECH. LOUVER
NTS

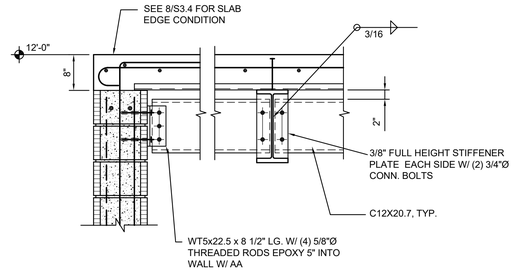


NOTE: VERTICAL BARS MUST STAGGER FROM CELL TO CELL AS SHOWN.

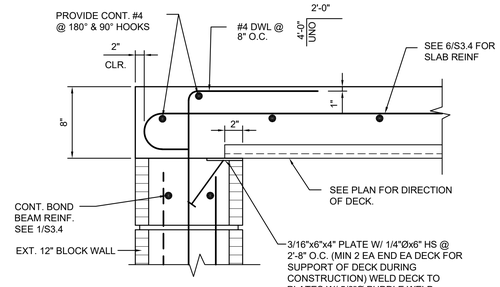
5 S3.4 TYP. WALL REINF. PLAN @ CORNERS OF 12" BLOCK WALLS
NTS



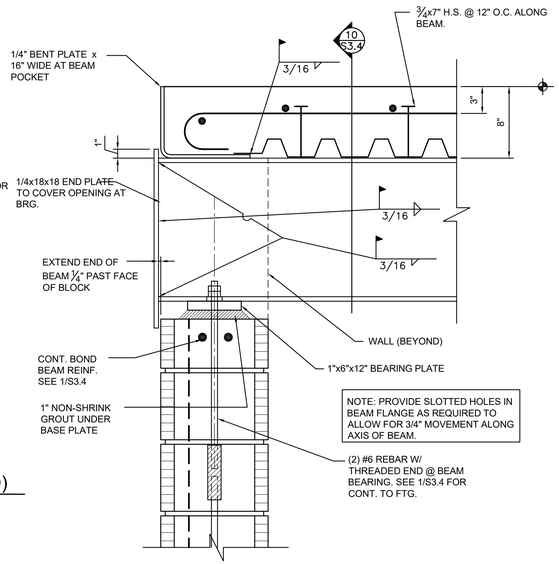
6 S3.4 TYP. SLAB REINF. PLACEMENT
1½"-1'-0"



7 S3.4 BRACE CONN'X TO WALL & BEAM
3/4"=1'-0"

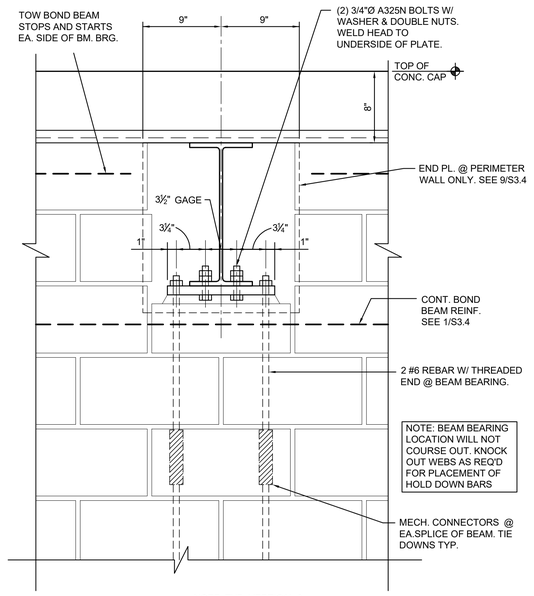


8 S3.4 TYP. SHELTER ROOF EDGE CONDITION (UNO)
1½"-1'-0"



NOTE: PROVIDE SLOTTED HOLES IN BEAM FLANGE AS REQUIRED TO ALLOW FOR 3/4" MOVEMENT ALONG AXIS OF BEAM.

9 S3.4 TYP. BM. BRG. @ STORM SHELTER PERIMETER
1½"-1'-0"



NOTE: TYP. VERTICAL & HORIZONTAL REINFORCING NOT SHOWN FOR CLARITY. (UNO)

10 S3.4 N.T.S. TYP. STORM SHELTER BEAM BRG. ELEVATION @ 12" BLOCK WALL

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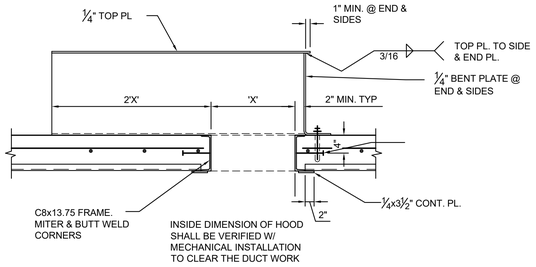
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09–14–2026

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REV:	

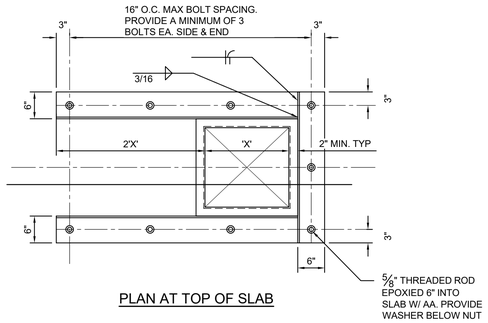
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S3.4



SECTION

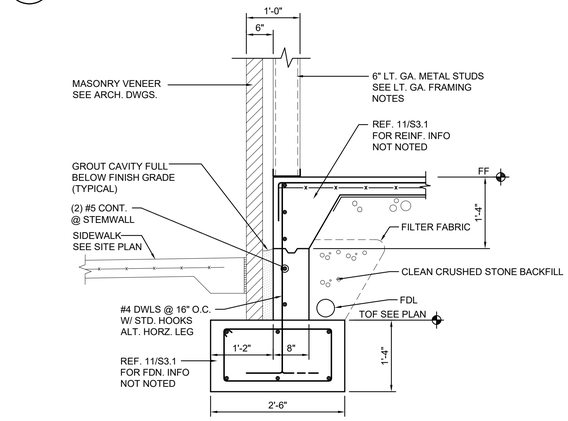


PLAN AT TOP OF SLAB

LOCATION OF PENETRATION SHALL BE AT LEAST 5'-0" FROM ROOF SLAB EDGE

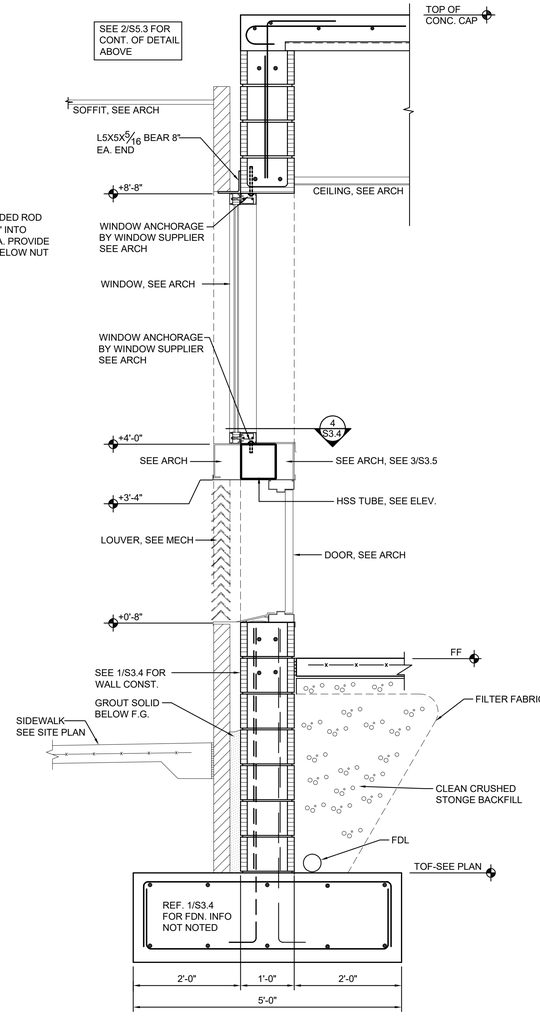
1 / S3.5 TYP. SHELTER ROOF DUCT PENETRATION DETAILS

N.T.S.



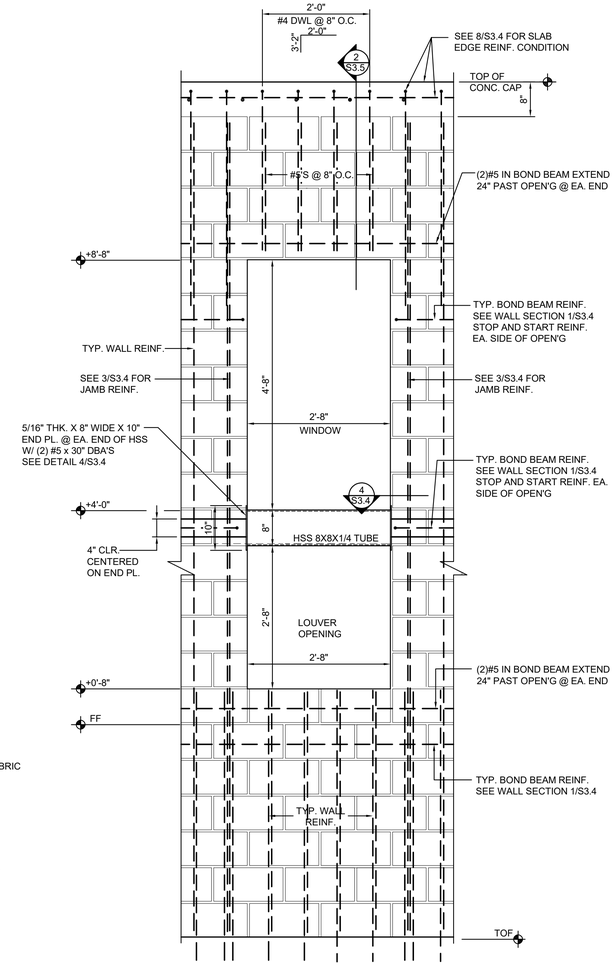
4 / S3.5 FDN. SECTION @ STUD WALL W/ DEEP FTG.

3/4"=1'-0"



2 / S3.5 12" BLOCK SHELTER WALL REINF. @ WINDOWS W/ LOUVERS

3/4"=1'-0"



3 / S3.5 SHELTER WALL REINF. ELEV. @ EXT. OPENG'S

3/4"=1'-0"

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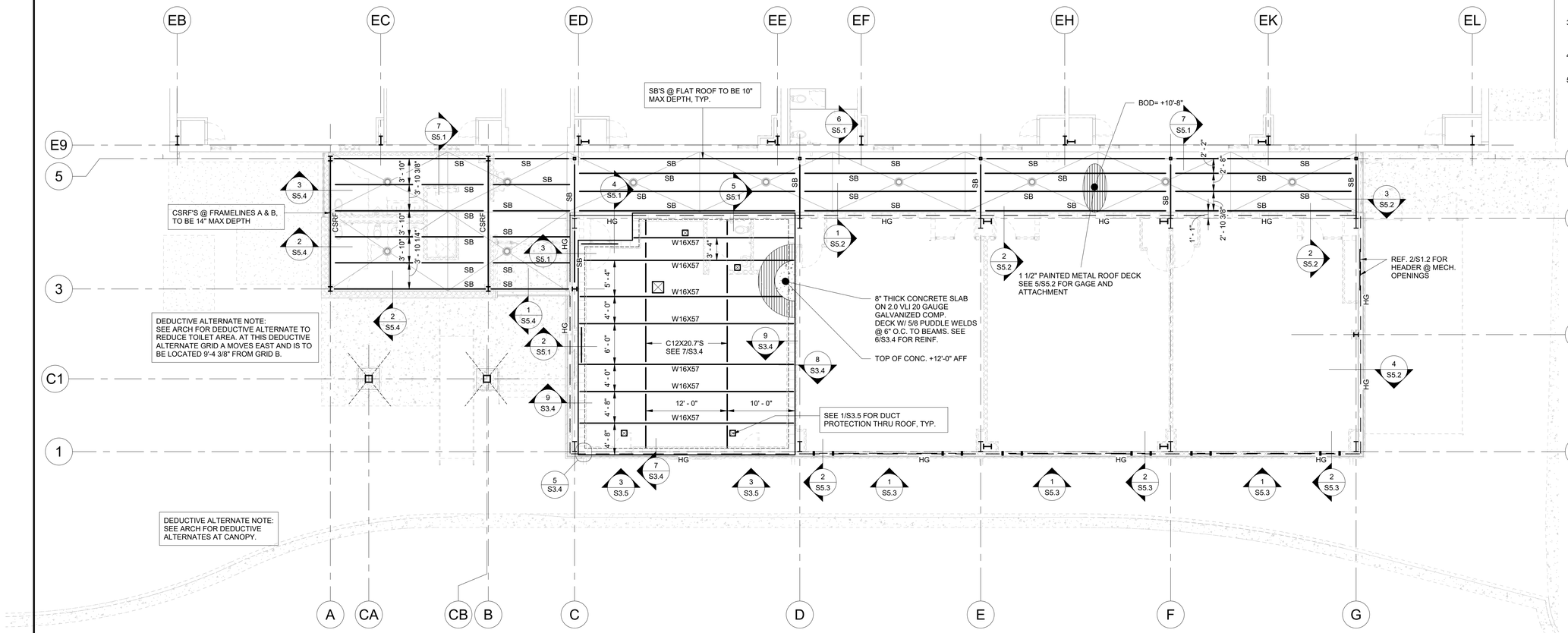
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S3.5

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. GENERAL CONCRETE NOTES
   c. FOUNDATION NOTES
   d. LT. GA. FRAMING NOTES
   e. GENERAL FRAMING NOTES
   f. BLOCK REINFORCING NOTES
   g. STRUCTURAL LEGEND
2. SEE S1.2 FOR:
   a. TYP. DETAILS
   b. LT. GA. HEADER DETAIL
   c. LINTEL SCHEDULE
   d. COLUMN SCHEDULE
3. EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY VENEER (UNLESS NOTED OTHERWISE)
4. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
5. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS



DEDUCTIVE ALTERNATE NOTE: SEE ARCH FOR DEDUCTIVE ALTERNATE TO OMIT BAY F-G. IF TAKEN, FOUNDATION AND FRAMING @ GRID G MOVES TO GRID F

NORTH

1/S4.1 INTERMEDIATE FRAMING PLAN

1/8" = 1'-0"

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 214.05'

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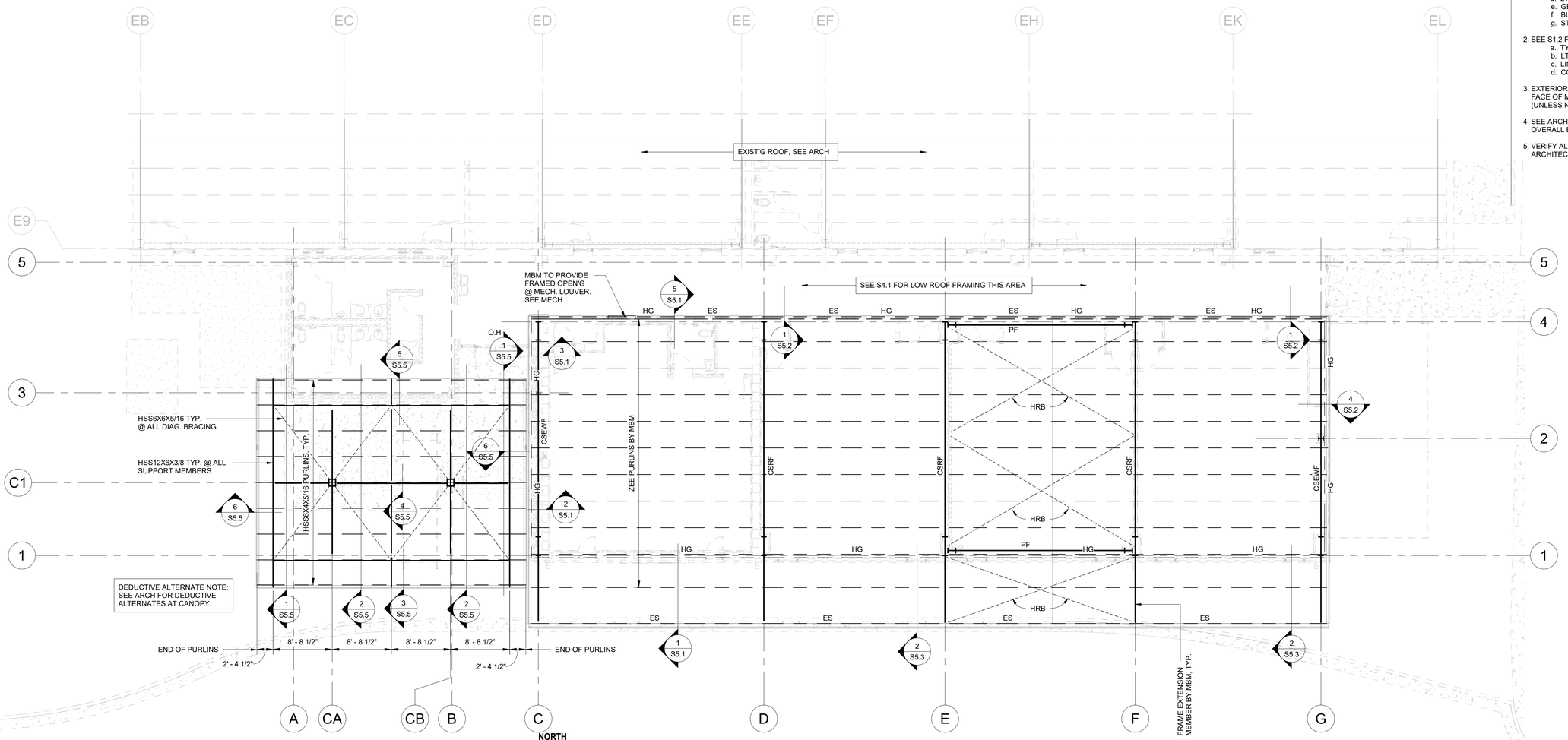
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S4.1

PLAN NOTES

1. SEE S1.1 FOR:
   a. GENERAL STRUCTURAL NOTES
   b. GENERAL CONCRETE NOTES
   c. FOUNDATION NOTES
   d. LT. GA. FRAMING NOTES
   e. GENERAL FRAMING NOTES
   f. BLOCK REINFORCING NOTES
   g. STRUCTURAL LEGEND
2. SEE S1.2 FOR:
   a. TYP. DETAILS
   b. LT. GA. HEADER DETAIL
   c. LINTEL SCHEDULE
   d. COLUMN SCHEDULE
3. EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY VENEER (UNLESS NOTED OTHERWISE)
4. SEE ARCHITECTURAL DRAWINGS FOR OVERALL BUILDING LAYOUT DIMENSIONS
5. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

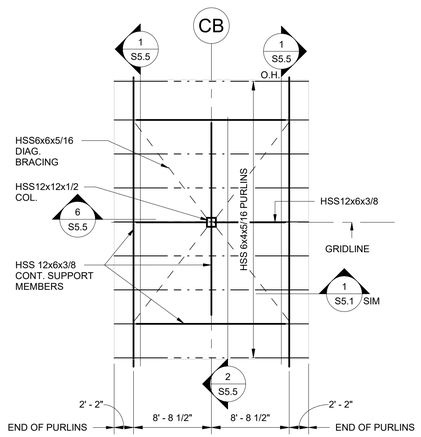


1 S4.2 1/8" = 1'-0"

ROOF FRAMING PLAN

DEDUCTIVE ALTERNATE NOTE:
SEE ARCH FOR DEDUCTIVE ALTERNATE TO OMIT BAY F-G. IF TAKEN, FOUNDATION AND FRAMING @ GRID G MOVES TO GRID F

DATUM NOTE
FIN. FLR. = 0'-0"
ELEV. = 214.05'



NORTH

2 S4.2 1/8" = 1'-0"

ROOF FRAMING PLAN -DEDUCTIVE ALTERNATE CANOPY

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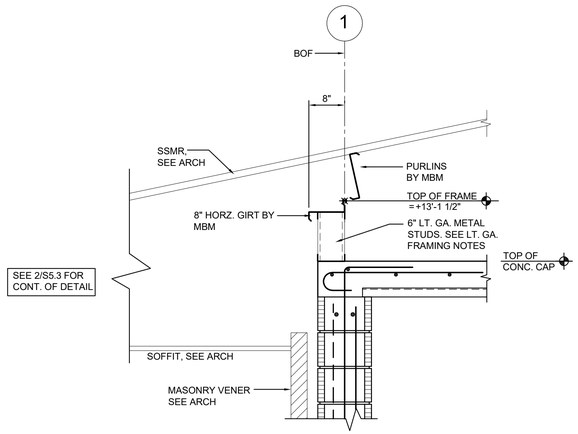
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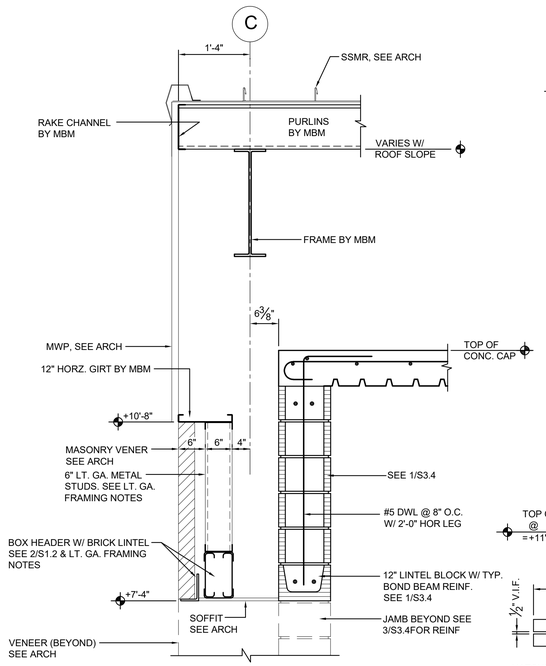
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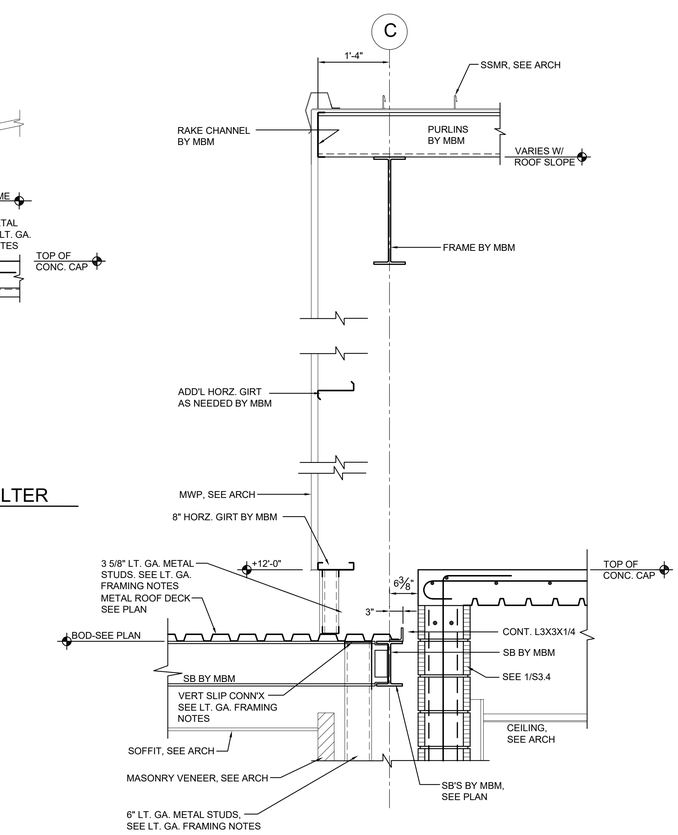
S4.2



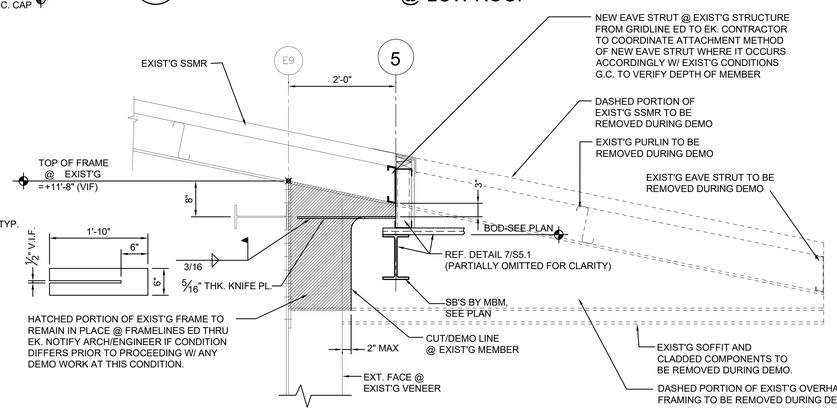
1 S5.1 LOW EAVE ROOF SECTION ALONG STORM SHELTER
3/4"=1'-0"



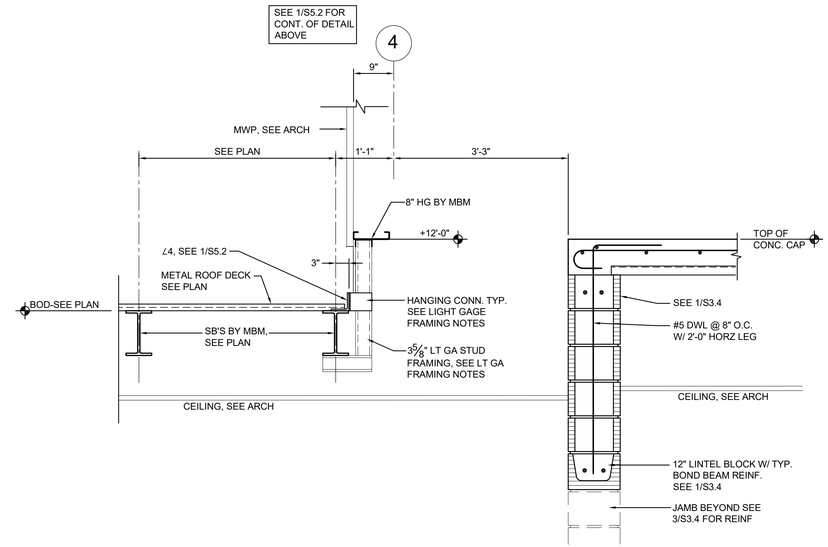
2 S5.1 RAKE SECTION ALONG FRAMELINE C @ SAFEROOM EXT. DOOR
3/4"=1'-0"



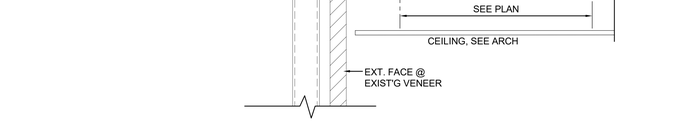
3 S5.1 RAKE SECTION ALONG FRAMELINE C @ LOW ROOF
3/4"=1'-0"



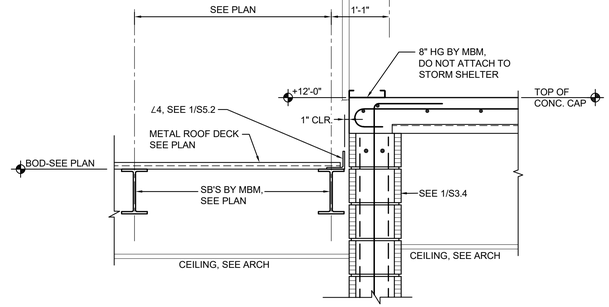
6 S5.1 EXIST'G EAVE SECTION FROM GRIDLINE ED THRU EK
3/4"=1'-0"



4 S5.1 LOW ROOF SECTION ALONG RECESSED ENTRY @ STORM SHELTER
3/4"=1'-0"



5 S5.1 LOW ROOF SECTION ALONG STORM SHELTER
3/4"=1'-0"



7 S5.1 TYP. ROOF SECTION ALONG EXIST'G EAVE (UNO)
3/4"=1'-0"

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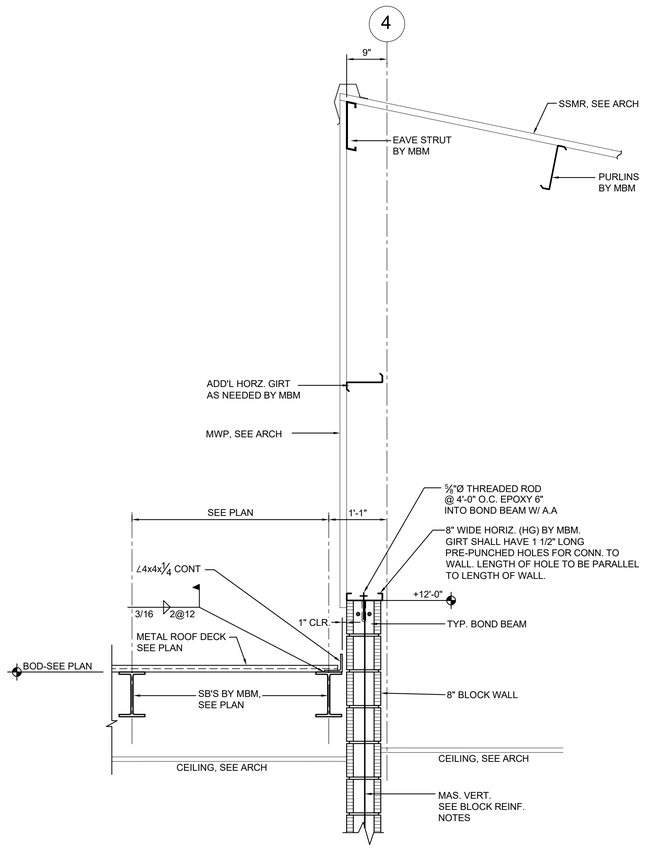
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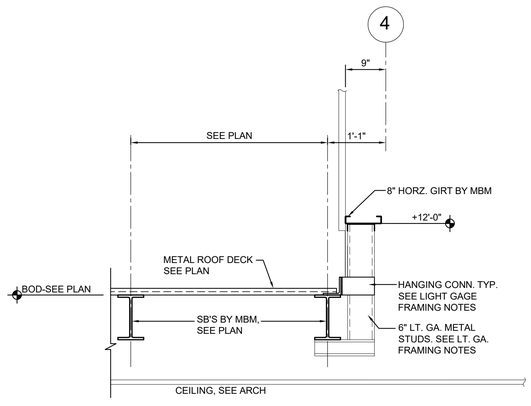
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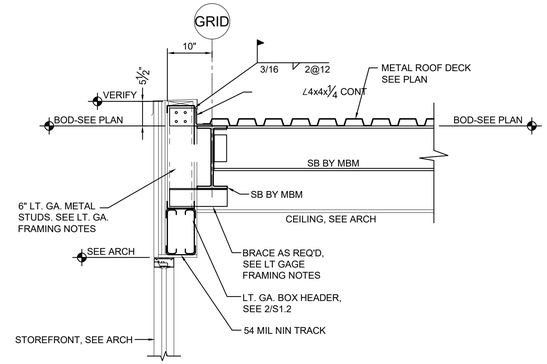
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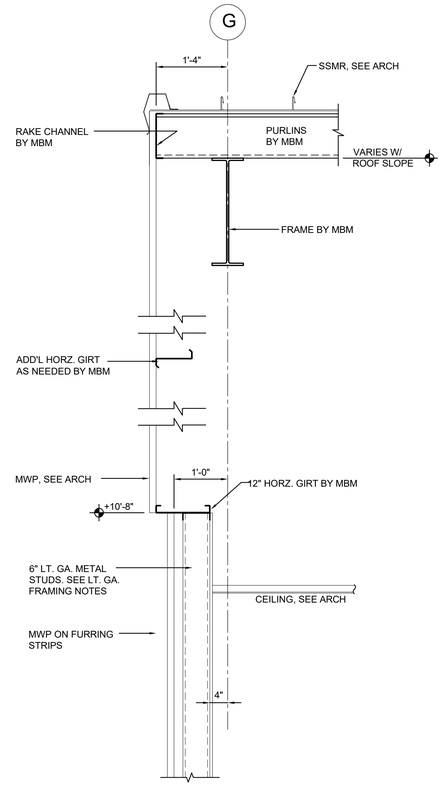
1 S5.2 TYP. HIGH EAVE ROOF SECTION ALONG CLASSROOMS (UNO)
3/4"=1'-0"



2 S5.2 CLASSROOM LOW ROOF SECTION @ RECESSED INT. OPEN'GS
3/4"=1'-0"

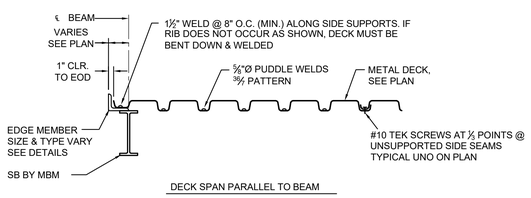


3 S5.2 LOW ROOF SECTION @ EAST EXT. ENTRY
3/4"=1'-0"

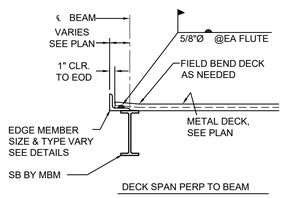


4 S5.2 RAKE SECTION @ CLASSROOM ALONG FRAMELINE G
3/4"=1'-0"

NOTE: PROVIDE ⅝"Ø PUDDLE WELDS @ 6" O.C. @ END LAPS (MIN 2" LAP) & AT ENDS OF EACH RUN



DECK SPAN PARALLEL TO BEAM



DECK SPAN PERP TO BEAM

A. DECKING SHALL BE 1½" TYPE B, 22 GAUGE PAINTED STEEL DECK UNO ON PLANS
B. ALL DECK WELDS TO SB'S BY MBM SHALL BE 5/8"Ø PUDDLE WELDS.
C. ALL DECK MUST BE MINIMUM 3 SPAN CONDITION (U.N.O.).
D. ERECTOR MAY SUBSTITUTE A DECK FASTENING SYSTEM BY HILTI (OR EQUAL) CAPABLE OF MEETING OR EXCEEDING THE CAPACITY OF THE SPECIFIED CONNECTIONS ABOVE AND DIAPHRAGM STRENGTH. SYSTEM MUST BE SUBMITTED FOR APPROVAL PRIOR TO USE.

5 S5.2 TYP. ROOF DECKING DETAIL @ LOW ROOF (UNO)
N.T.S.

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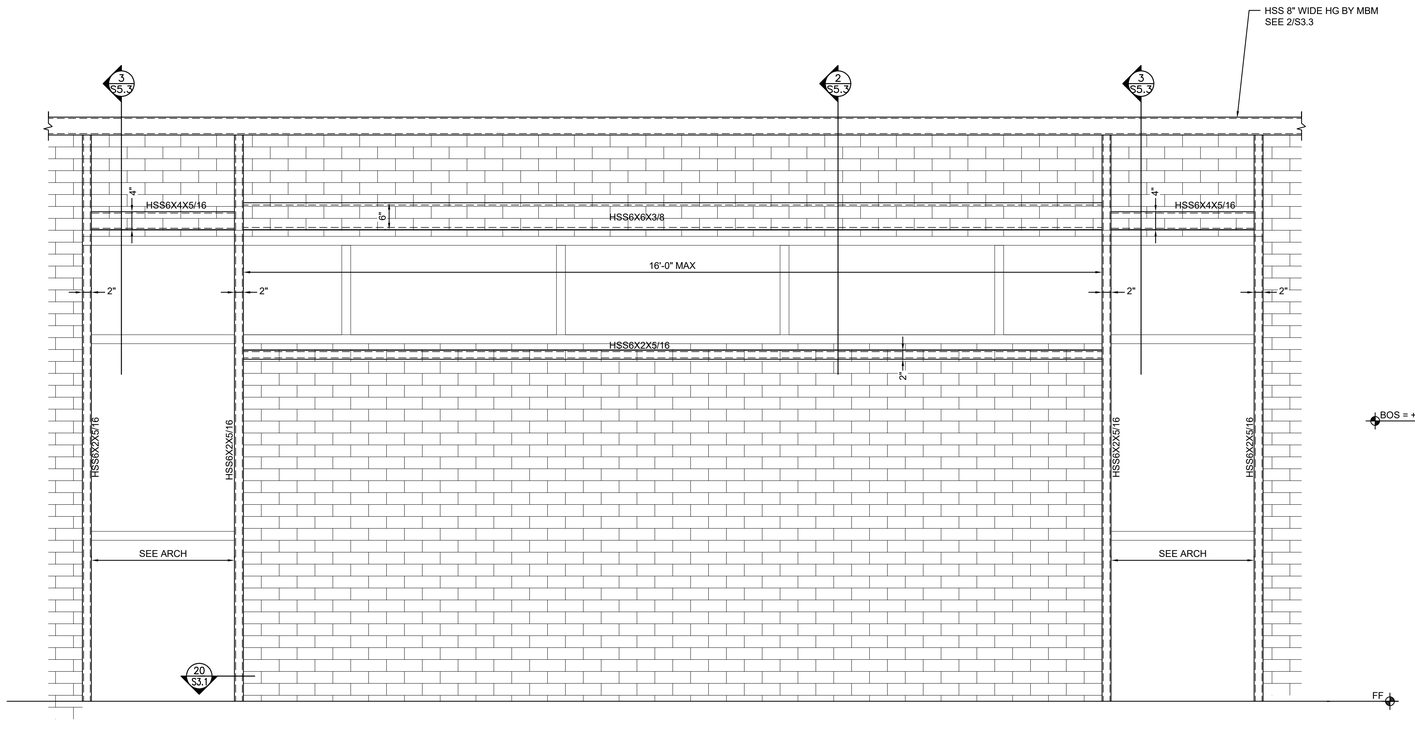
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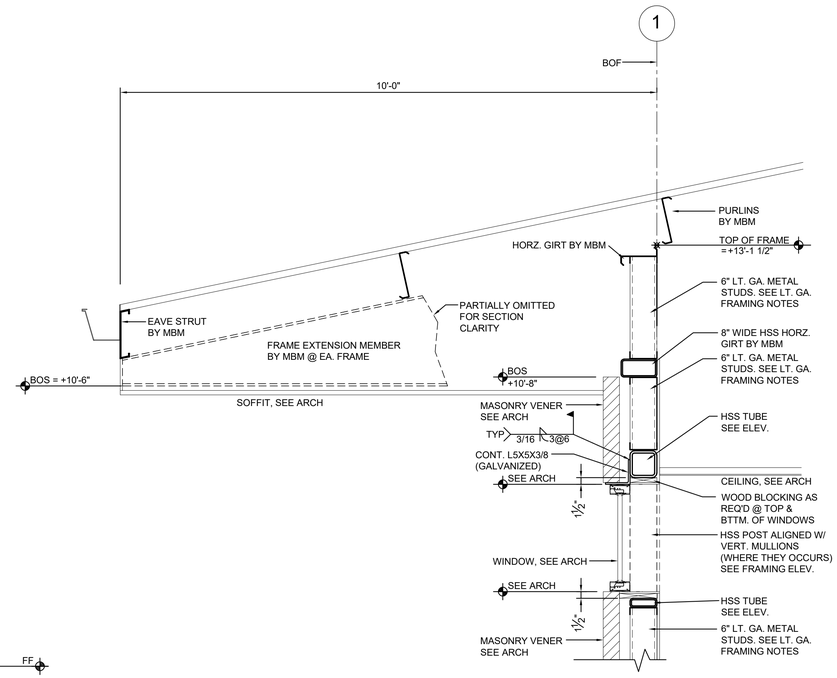
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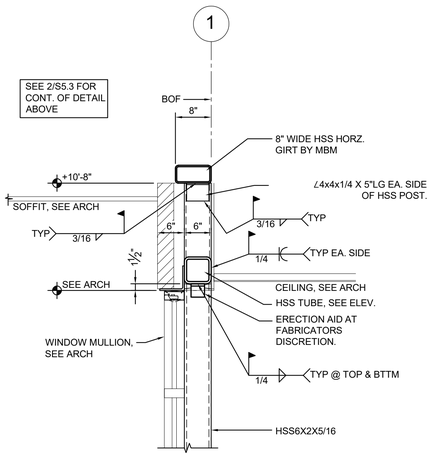


1 S5.3 TYP.FRAMING ELEVATION @ CLASSROOM WINDOWS
3/4"=1'-0"



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

DEDUCTIVE ALTERNATE @
CLASSROOM WINDOWS:
OMIT DETAIL 1/S5.3 IN ITS ENTIRETY
AND REFER TO LT GA. HEADER
DETAIL 2/S1.2 FOR LIGHT GAGE
FRAMING & BRICK LINTELS @
WINDOWS



3 S5.3 CONN'X DETAIL @ HSS POSTS ALONG CLASSROOM WINDOWS
3/4"=1'-0"

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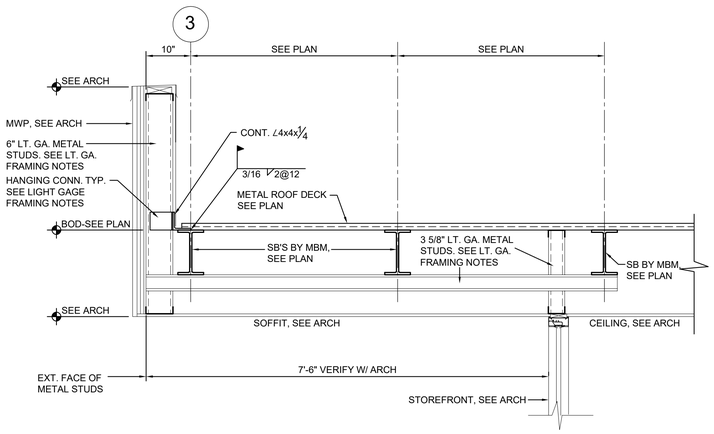
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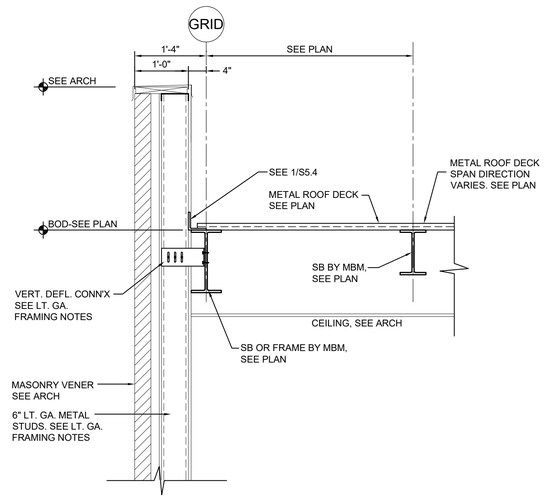
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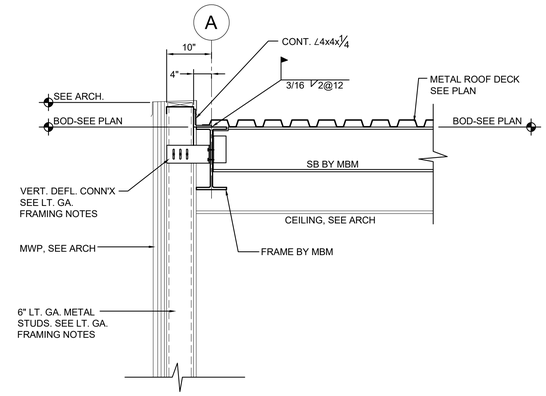
S5.3



1 S5.4 LOW ROOF SECTION ALONG GRIDLINE 3 W/ STOREFRONT
3/4"=1'-0"



2 S5.4 LOW ROOF SECTION ALONG PARAPET (TYP. UNO)
3/4"=1'-0"



3 S5.4 LOW ROOF SECTION @ EXT. WALL W/ MWP ALONG GRIDLINE A
3/4"=1'-0"

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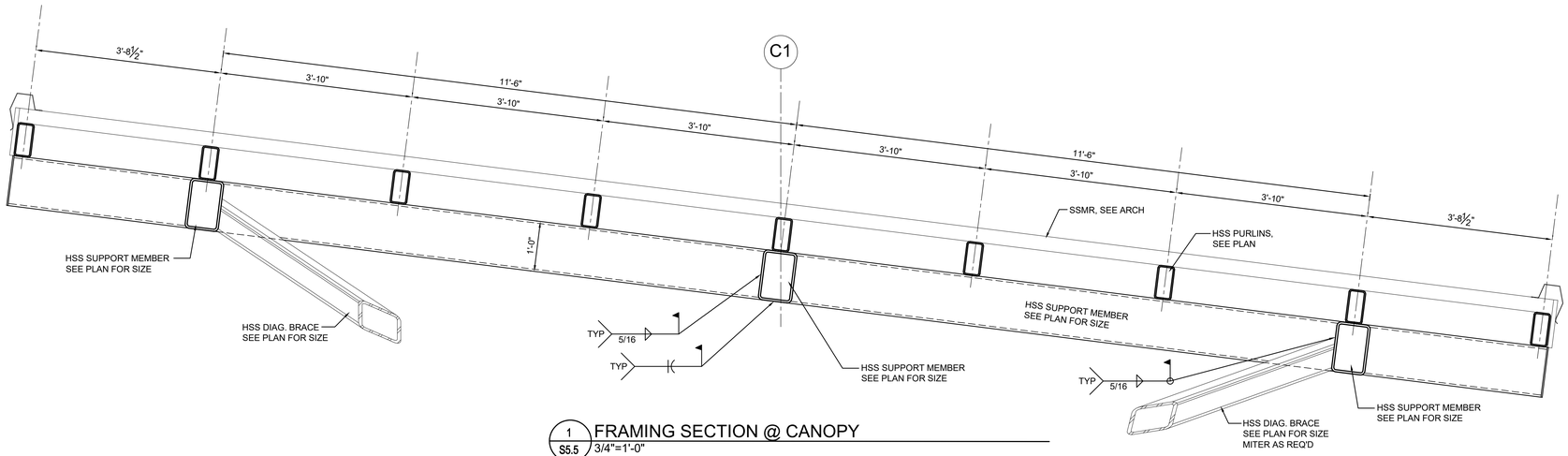
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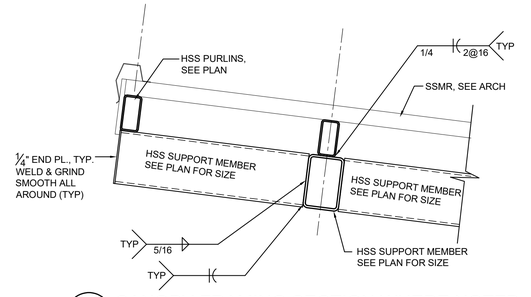
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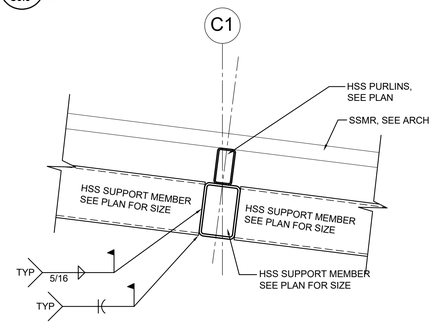
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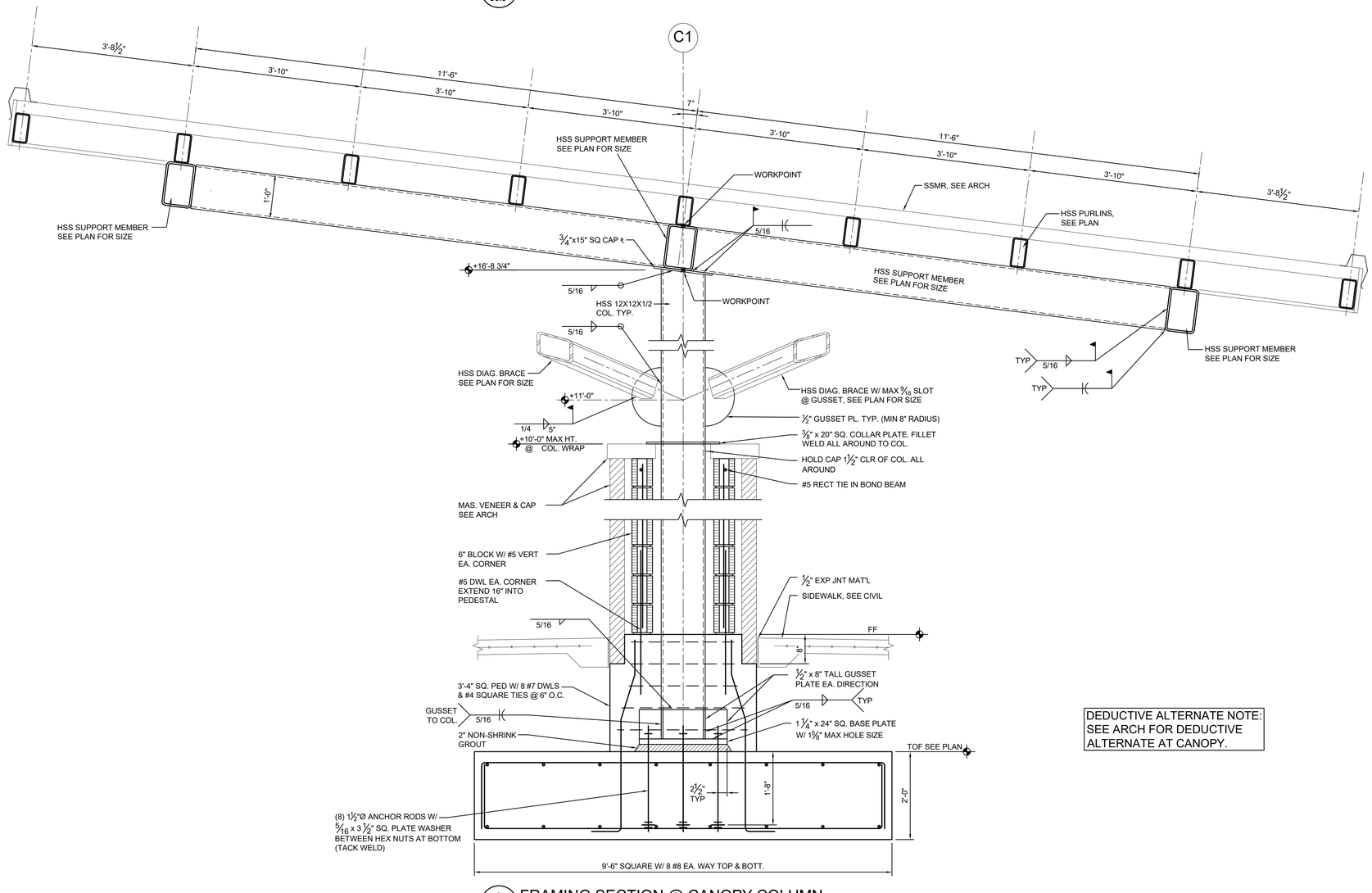
1 S5.5 FRAMING SECTION @ CANOPY
3/4"=1'-0"



3 S5.5 CANOPY FRAMING SECTION WHERE NOTED
3/4"=1'-0"

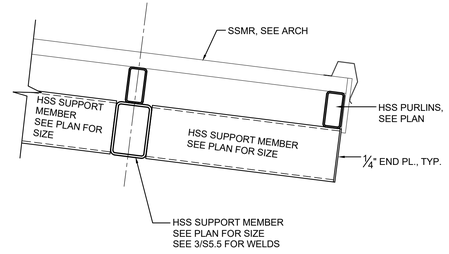


4 S5.5 CANOPY FRAMING SECTION WHERE NOTED
3/4"=1'-0"

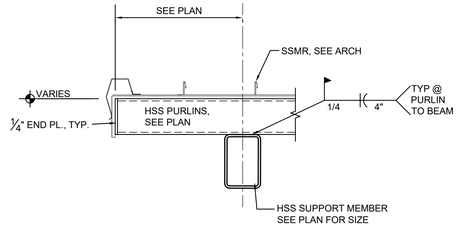


2 S5.5 FRAMING SECTION @ CANOPY COLUMN
3/4"=1'-0"

DEDUCTIVE ALTERNATE NOTE:
SEE ARCH FOR DEDUCTIVE ALTERNATE AT CANOPY.



5 S5.5 CANOPY FRAMING SECTION WHERE NOTED
3/4"=1'-0"



6 S5.5 CANOPY FRAMING SECTION WHERE NOTED
3/4"=1'-0"

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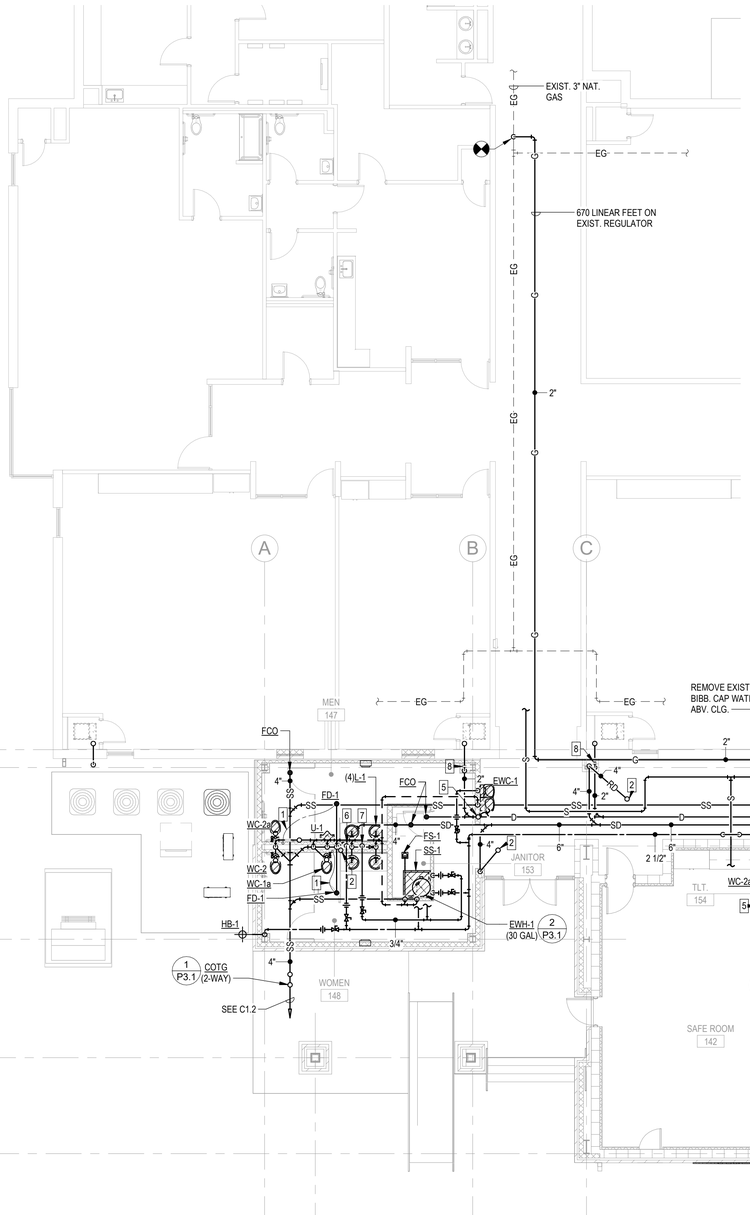
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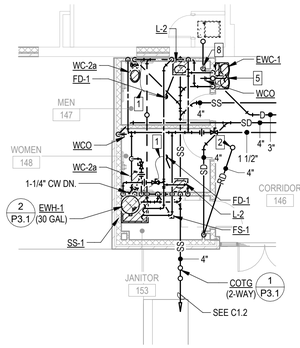
S5.5

KEYED NOTES:

1. 1/2" TYPE K COPPER TRAP PRIMER BELOW SLAB
2. 4" ROOF DRAIN PIPING FROM 4" RD-1 ABV.
3. 1" GAS DN. TO FURNACE. CONNECT TO FURNACE WITH GAS VALVE, UNION, & DIRT LEG
4. 2" SCH 40 PVC COND. RISER. PROVIDE AAV ON TOP OF RISER IN ACCESSIBLE LOCATION. STUB OUT 1-1/4" PVC AT 0'-1" ABV. PLENUM FOR CONNECTION TO HVAC CONDENSATE. COORDINATE WITH HVAC.
5. 2" SCH 40 PVC COND. RISER. PROVIDE AAV ON TOP OF RISER IN ACCESSIBLE LOCATION. STUB OUT 1-1/4" PVC ABV. CLG. FOR CONNECTION TO HVAC CONDENSATE. COORDINATE WITH HVAC.
6. 2-1/2" CW DN. TO 2-1/2" CW HEADER IN CHASE
7. 3/4" HW DN. TO 3/4" HW HEADER IN CHASE
8. CONNECT TO EXIST. 1" PVC CONDENSATE DRAIN



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



NORTH 2 P1.1 FLOOR PLAN - DED. ALT. 3A - PLUMBING
1/8" = 1'-0" 0 4' 8' 16'

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PLUMBING GENERAL NOTES

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

PLUMBING LEGEND

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

ABBREVIATIONS

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

PLUMBING SEISMIC NOTES

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

EXCEPTIONS:

a. GAS PIPING 2" AND SMALLER WHICH IS PROTECTED FROM IMPACT OF OTHER PIPING OR EQUIPMENT.

b. PIPING SUPPORTED BY ROD HANGERS WHICH ARE 12" OR LESS IN LENGTH FROM TOP OF PIPES TO STRUCTURE. THE HANGERS MUST BE RIGID CONSTRUCTION WHICH WILL NOT BE SUBJECT TO BENDING.

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

PLUMBING SEISMIC NOTES

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

EXCEPTIONS:

a. GAS PIPING 1" AND SMALLER WHICH IS PROTECTED FROM IMPACT OF OTHER PIPING OR EQUIPMENT.

b. PIPING SUPPORTED BY ROD HANGERS WHICH ARE 12" OR LESS IN LENGTH FROM TOP OF PIPES TO STRUCTURE. THE HANGERS MUST BE RIGID CONSTRUCTION WHICH WILL NOT BE SUBJECT TO BENDING.

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

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE	H.W.	C.W.	REMARKS
WC-1	WATER CLOSET	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE
WC-1a	WATER CLOSET	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE, TRAP PRIMER
WC-2	WATER CLOSET, BARRIER FREE	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE
WC-2a	WATER CLOSET, BARRIER FREE	4"	---	1"	FLOOR MOUNTED SENSOR FLUSH VALVE, TRAP PRIMER
U-1	URINAL, BARRIER FREE	2"	---	3/4"	17" AFF TOP OF RIM. SENSOR FLUSH VALVE
L-1	LAVATORY, BARRIER FREE	2"	1/2"	1/2"	OVAL, COUNTER MOUNTED WITH TEMPERING VALVE
L-2	LAVATORY, BARRIER FREE	2"	1/2"	1/2"	WALL MOUNTED, PROVIDE WITH TEMPERING VALVE, 34" AFF TOP OF APRON.
SS-1	SERVICE SINK, CORNER STYLE MOP BASIN	3"	3/4"	3/4"	FLOOR MOUNTED, 36" x 36" x 12" FULLY SQUARE TYPE.
EWC-1	ELECTRIC WATER COOLER	2"	---	1/2"	SPLIT-LEVEL, BARRIER FREE W/BOTTLE FILLER
EWH-1	ELECTRIC WATER HEATER	---	3/4"	3/4"	208V., 4.5kW, 30 GALLON CAPACITY
ET-1	EXPANSION TANK	---	---	---	2.3 GALLON ACCEPTANCE, CHARGE TO MATCH SYSTEM PRESSURE
TWH-1	ELECTRIC TANKLESS WATER HEATER	---	1/2"	1/2"	208V., 3kW, W/0.5 GPM FLOW RESTRICTOR
FD-1	FLOOR DRAIN, 2" DEEP-SEAL P-TRAP	2"	---	---	6" NICKEL BRONZE STRAINER, W/TRAP PRIMER
FD-2	FLOOR DRAIN, 4" DEEP-SEAL P-TRAP	4"	---	---	6" NICKEL BRONZE STRAINER, W/TRAP GUARD DEVICE
FS-1	FLOOR SINK, 2" DEEP-SEAL P-TRAP	2"	---	---	8" x 8", WITH FULL HINGED GRATE
HB-1	EXTERIOR HOSE BIBB	---	---	3/4"	18" ABOVE FINISH GRADE (AFG.)
RD-1	ROOF DRAIN	---	---	---	SIZE AS INDICATED ON PLANS
RPZ-1	REDUCED PRESSURE BACKFLOW PREVENTER	---	---	2"	INSTALL PER DETAIL, PIPE DRAIN FROM AIR GAP TO FD-2

NOTES:

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

GRADATION PLAN NOTE:

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

PLUMBING SPECIFICATIONS

WC-1 WATER CLOSET - AMERICAN STANDARD "MADERA" #2234.001 1.6GPF SIPHON JET, ELONGATED BOWL, 1-1/2" TOP SPUD, BOLT CAPS, CHURCH #9400SSC SEAT WITH CHECK HINGE, SELF-SUSTAIN FEATURE AND STAINLESS STEEL HINGE POSTS, WITH SLOAN REGAL 111 SFSM-1.6-TMO, 1.6 GPF BATTERY-OPERATED SIDE MOUNT SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE BUTTON. TOP OF RIM AT 15" AFF. TOTAL HEIGHT IS 16-1/4" AFF. WITH SEAT

WC-1a WATER CLOSET - SAME AS WC-1 EXCEPT WITH TP-1 #VBF-72-A VACUUM BREAKER TRAP PRIMER ACCESSORY TO THE FLUSH VALVE. (SEE PLUMBING DRAWINGS FOR ROUTING OF WATER SUPPLY TO FLOOR DRAIN TRAP).

WC-2 WATER CLOSET (BARRIER FREE) - AMERICAN STANDARD "MADERA" #3043.001 1.6GPF SIPHON JET, ELONGATED BOWL, 1-1/2" TOP SPUD, BOLT CAPS, CHURCH #9400SSC SEAT WITH CHECK HINGE, SELF-SUSTAIN FEATURE AND STAINLESS STEEL HINGE POSTS, WITH SLOAN REGAL 111 SFSM-1.6-TMO, 1.6 GPF BATTERY-OPERATED SIDE MOUNT SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE BUTTON. TOP OF RIM AT 16-1/2" AFF. TOTAL HEIGHT IS 17-3/4" AFF. WITH SEAT

WC-2a WATER CLOSET (BARRIER FREE) - SAME AS WC-2 EXCEPT WITH TP-1 #VBF-72-A VACUUM BREAKER TRAP PRIMER ACCESSORY TO THE FLUSH VALVE. (SEE PLUMBING DRAWINGS FOR ROUTING OF WATER SUPPLY TO FLOOR DRAIN TRAP).

U-1 URINAL, BARRIER FREE - AMERICAN STANDARD "WASHBROOK" 6590.001 1.0GPF WASHOUT, 2" IPS OUTLET, 3/4" TOP SPUD, WALL HANGER WITH WALL BOLTS & BOLT CAPS, SLOAN REGAL 186 SFSM-1.0-TMO, 1.0 GPF BATTERY-OPERATED SIDE MOUNT SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE BUTTON. MOUNT LIP AT 17" AFF. (RECOMMENDED BARRIER FREE MOUNTING HEIGHT FOR GRADES 'K' THRU '12' AND THRU ADULT.)

L-1 LAVATORY, BARRIER FREE - AMERICAN STANDARD "AQUALYN" #0476.028 OVAL BOWL, MCGUIRE #155WC OFFSET OPEN GRID DRAIN, #2165LK 1/2"I.P.S. x 3/8"O.D. LOOSE KEY STOPS WITH 3/8" O.D. CHROME PLATED RISERS (NOTE: DO NOT USE FLEXIBLE BRAIDED SUPPLY LINES), T & S #B-2711-AM LAVATORY FAUCET WITH SINGLE LEVER ANTI-MICROBIAL HANDLE AND MCGUIRE #8872 - 1-1/4" 17 GA. CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT. NOTE: PROTECTIVE UNDER-COUNTER SHIELD SHALL BE PROVIDED BY GENERAL CONTRACTOR. VERIFY COUNTER MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS. PROVIDE LEONARD #170-LF ASSE 1070 TEMPERED WATER MIXING VALVE MOUNTED ADJACENT TO SUPPLY STOPS. REFER TO DETAIL ON PLUMBING DRAWINGS.

L-2 LAVATORY, BARRIER FREE - AMERICAN STANDARD "LUCERNE" #0355.012M, 20" X 18" WALL HUNG, MCGUIRE # 155WC OFFSET OPEN GRID DRAIN, #2165LK 1/2"I.P.S. x 3/8"O.D. LOOSE KEY STOPS WITH 3/8" O.D. C.P. RISERS (NOTE: DO NOT USE FLEXIBLE BRAIDED SUPPLY LINES), T & S #B-2711-AM LAVATORY FAUCET WITH SINGLE LEVER ANTI-MICROBIAL HANDLE AND MCGUIRE #8872 - 1-1/4" CAST BRASS P-TRAP WITH CLEAN OUT. PROVIDE WADE #W-510-NR LAVATORY CARRIER AT STUD WALLS. TOP OF SINK APRON AT 34" AFF. PROVIDE LEONARD #170-LF ASSE 1070 TEMPERED WATER MIXING VALVE MOUNTED ADJACENT TO SUPPLY STOPS. REFER TO DETAIL ON PLUMBING DRAWINGS. INSULATE WASTE AND SUPPLIES PER SPECIFICATIONS MANUAL.

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

EWC-1 ELECTRIC WATER COOLER, SPLIT-LEVEL WITH BOTTLE FILLING STATION (LEFT HAND LOW SIDE) - ELKAY LZSTL8WSKEZH20, 7.8 GPH OF 50°F FILTERED WATER AT 80°F, 1/5 HP, 120V. INSTALL WITH ONE (1) BUBBLER MTD. AT 36" AFF. AND ONE (1) AT 42" AFF., STAINLESS STEEL FINISH, "FLEX GUARD' STYLE PLASTIC BUBBLERS, MCGUIRE #2165 WHEEL HANDLE STOP, 3/8" FLEXIBLE WATER SUPPLY TUBE AND #8872 - 1-1/4" CAST BRASS P-TRAP WITH CLEANOUT.

EWH-1 ELECTRIC WATER HEATER - A.O. SMITH #DEL-30, 30 GALLON CAPACITY, 4.5 KW, 208V, 1∅, 18 GALLONS PER HOUR (GPH) RECOVERY AT 100°F RISE, 3 YEAR LIMITED TANK WARRANTY, 125 PSI RATED RELIEF VALVE, WITH OATEY # 34084 - 2" DEEP X 26"DIA. ALUMINUM DRAIN PAN. REFER TO DETAIL ON PLUMBING DRAWINGS. INSTALL W/ET-1, EXP. TANK.

ET-1 EXPANSION TANK - WATTS DETA 5, 3.5 GALLON EXPANSION TANK WITH PRECHARGED (ASME) FIXED BLADDER SUITABLE FOR DOMESTIC POTABLE WATER SYSTEMS, 2.3 GALLONS ACCEPTANCE VOLUME, TOP 3/4" NPT STAINLESS STEEL SYSTEM CONNECTION, 0.301"-32 CHARGING VALVE CONNECTION, 240°F MAXIMUM WORKING TEMPERATURE AND 150 PSIG MAXIMUM WORKING PRESSURE.

TH-1 THERMOMETER - TRERICE Bx91403, 9" ADJUSTABLE ANGLE INDUSTRIAL THERMOMETER (STEM SHALL BE SUBMERGED IN FLUID)

TWH-1 TANKLESS ELECTRIC WATER HEATER - EEMAX #SPEX3208, ELECTRIC TANKLESS WATER HEATER, 208V., 3.0kW, 14.6 AMPS, 3/8" INLET/OUTLET CONNECTIONS, 0.5 GPM FLOW RESTRICTOR, REPLACEABLE CARTRIDGE ELEMENT. REFER TO DETAIL ON PLANS.

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

FD-2 FLOOR DRAIN - WADE #W-1104-A8-1-VP 4" TRAP SIZE, CAST IRON FLOOR DRAIN WITH 8" DIAMETER NICKEL BRONZE STRAINER, FLANGE, INTEGRAL REVERSIBLE CLAMPING COLLAR, SEEPAGE OPENINGS, VANDAL PROOF SCREWS, 1/2" PRIMER TAP AND 2" DEEP-SEAL TRAP. PROVIDE WITH PRO-SET "TRAP GUARD" #TG44-WADE TRAP SEAL PROTECTOR IN LIEU OF TRAP PRIMER.

FS-1 FLOOR SINK - WADE #W-9110-1-14-26-6-48 2" TRAP SIZE, CAST IRON FLOOR SINK WITH FULL HINGED GRATE, ACID RESISTANT ENAMEL INTERIOR, ALUMINUM DOME STRAINER, SEEPAGE FLANGE, CLAMP DEVICE, 1/2" TRAP PRIMER TAPPED/PLUGGED AND 2" DEEP-SEAL P-TRAP. 8" x 8" TOP FLUSH WITH FINISH FLOOR.

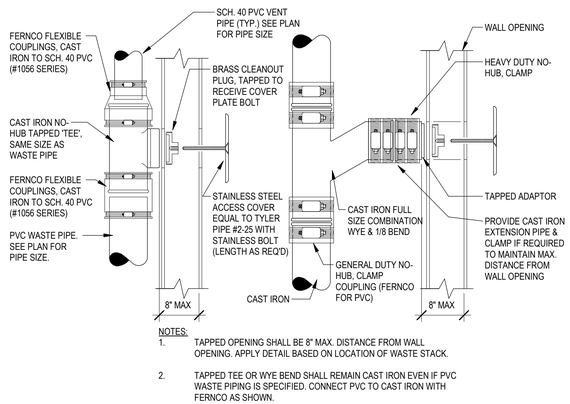
HB-1 HOSE BIBB, EXTERIOR - WOODFORD #65EP FREEZELESS WALL HYDRANT WITH VACUUM BREAKER, UNION ELBOW AND WALL CLAMP, 12" WALL THICKNESS.

RD-1 ROOF DRAIN - J.R. SMITH #1025Y-C-CID CAST IRON ROOF DRAIN WITH CAST IRON DOME AND SIDE OUTLET ELBOW, THREADED ADJUSTABLE EXTENSION, SECONDARY CLAMPING COLLAR, UNDER DECK CLAMP, AND NO HUB OUTLET

WHA WATER HAMMER ARRESTOR - PRECISION PLUMBING PRODUCT (PPP) SC SERIES, TYPE K HARD COPPER WITH THREADED BRASS CONNECTION. SIZE TO MATCH INSTALLING LINE SIZE.

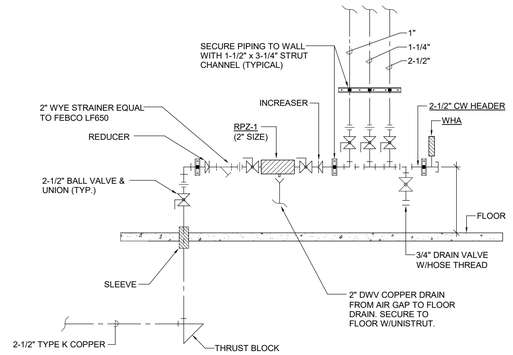
AAV AIR ADMITTANCE VALVE - STUDOR NO.20301 "MINI VENT" VENT TERMINAL, 1-1/2" SIZE ABS CONSTRUCTION WITH PVC CONNECTOR, POLYSTYRENE COVER. LOCATE ABOVE CEILING, IN ACCESSIBLE LOCATION. INSTALL IN ACCORDANCE WITH ARKANSAS STATE PLUMBING CODE. ONLY INSTALL AS DIRECTED BY PLANS OR ENGINEER.

RPZ-1 REDUCED PRESSURE BACKFLOW ASSEMBLY- FEBCO LEAD FREE #LF825Y CAST BRONZE BODY 2" SIZE, WITH FULL-PORT Q-TURN BALL VALVES #650A, BRONZE 'Y' TYPE STRAINER, AIR GAP FITTING, THREADED END CONNECTIONS. INSTALL IN HORIZONTAL POSITION, 36" AFF., WITH FULL SIZE DRAIN CONNECTED TO RELIEF DISCHARGE AIR GAP FITTING, & PIPE THRU EXTERIOR WALL, 12"AFF.



NOTES:
1. TAPPED OPENING SHALL BE 8" MAX. DISTANCE FROM WALL OPENING. APPLY DETAIL BASED ON LOCATION OF WASTE STACK.
2. TAPPED TEE OR WYE BEND SHALL REMAIN CAST IRON EVEN IF PVC WASTE PIPING IS SPECIFIED. CONNECT PVC TO CAST IRON WITH FERNCO AS SHOWN.

2 / P2.1 WALL CLEANOUT DETAIL
NOT TO SCALE



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

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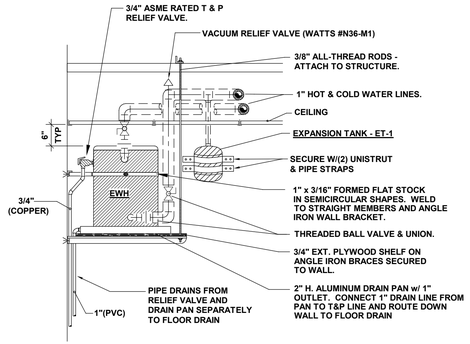
CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

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

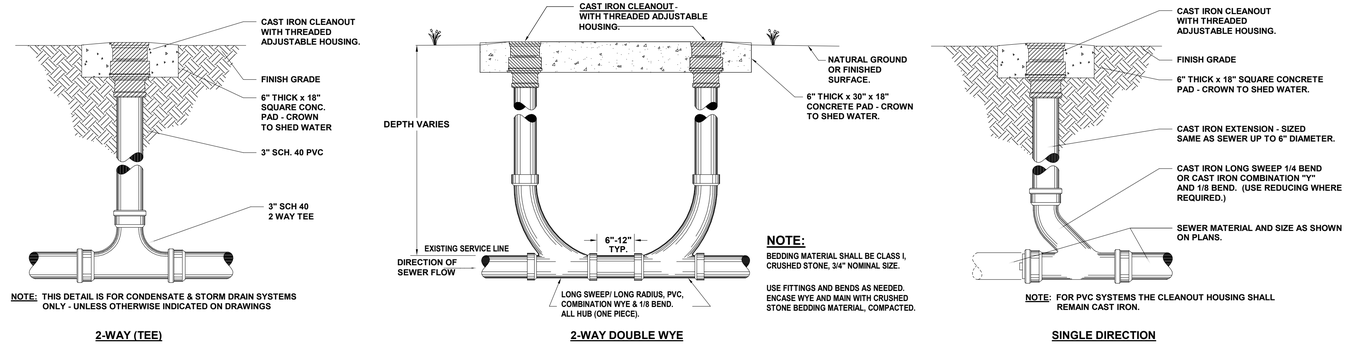
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DRAWN BY: KS
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P2.1
2 OF 3



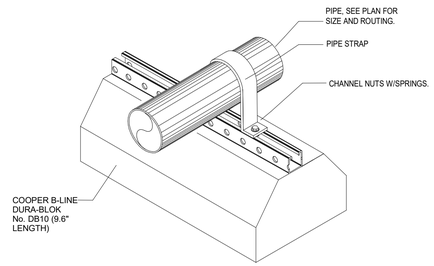
2 P3.1 ELECTRIC WATER HEATER DETAIL

NOT TO SCALE



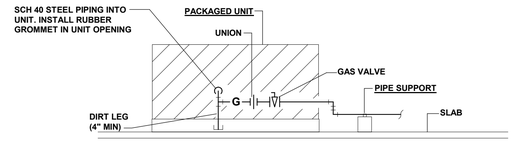
1 P3.1 CLEANOUT TO GRADE DETAIL

NOT TO SCALE



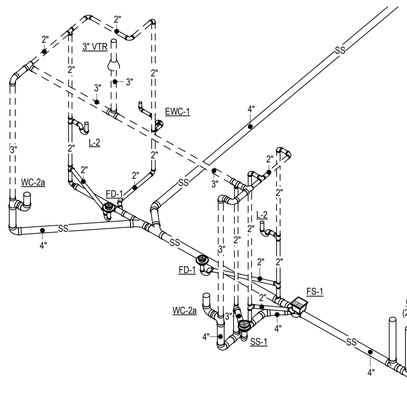
4 P3.1 PIPE SUPPORT DETAIL

NOT TO SCALE

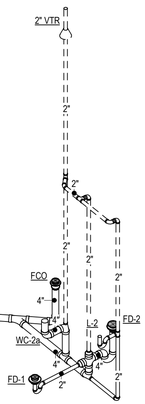


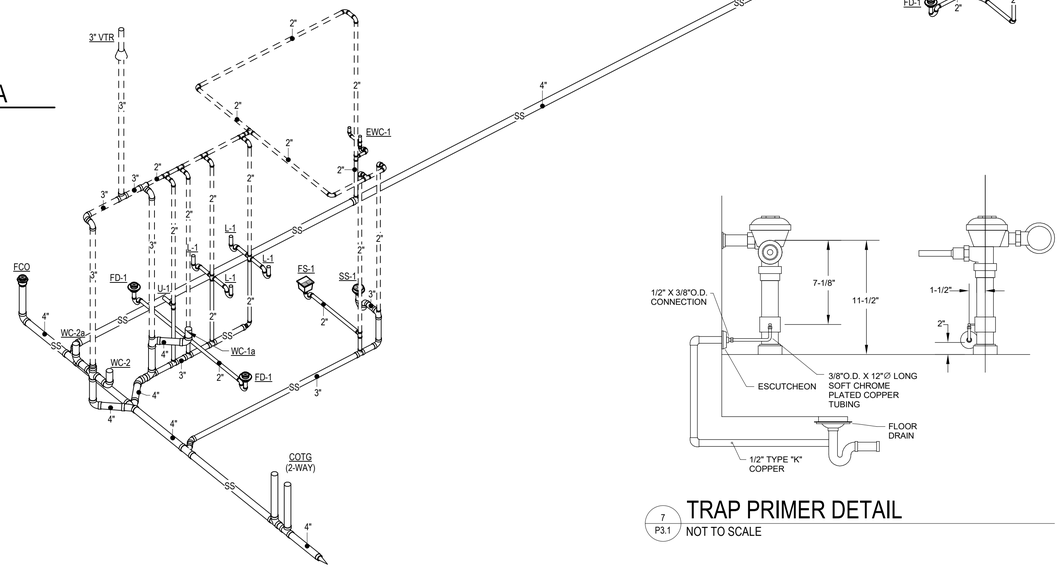
3 P3.1 PACKAGED UNIT GAS CONNECTION DETAIL

NOT TO SCALE



9 P3.1 WASTE AND VENT RISER DIAGRAM - DED. ALT. 3A





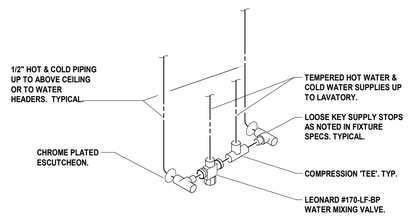
8 P3.1 WASTE AND VENT RISER DIAGRAM - BASE BID

7 P3.1 TRAP PRIMER DETAIL

NOT TO SCALE

5 P3.1 TANKLESS WATER HEATER DETAIL

NOT TO SCALE



6 P3.1 TEMPERING VALVE DETAIL

NOT TO SCALE

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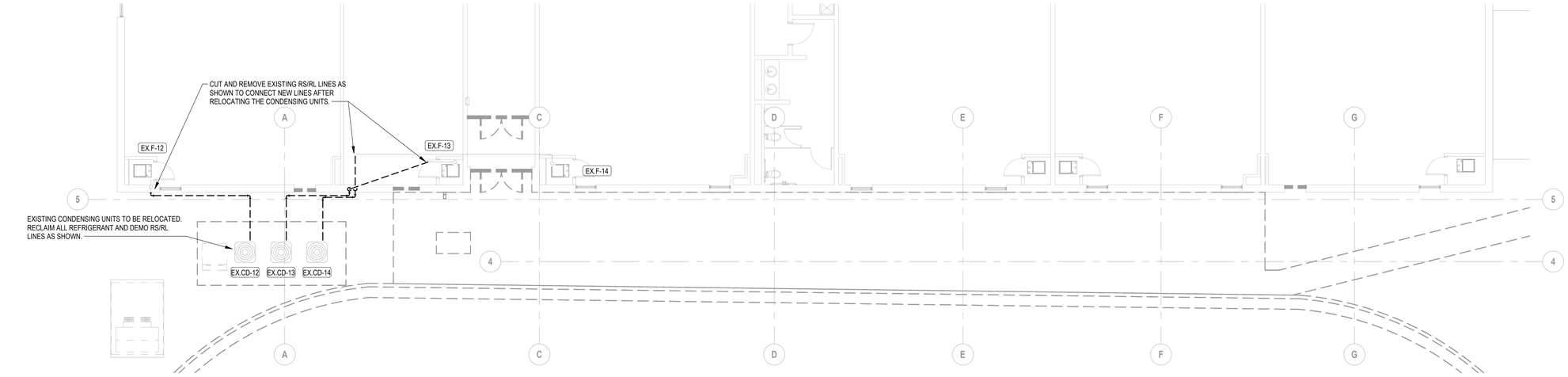
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ARKANSAS ENGINEER

STATE OF ARKANSAS
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No.7612
RANDALL M. RAGSDALE

DATE: 2026 09-14
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DRAWN BY: KS
REV:

P3.1



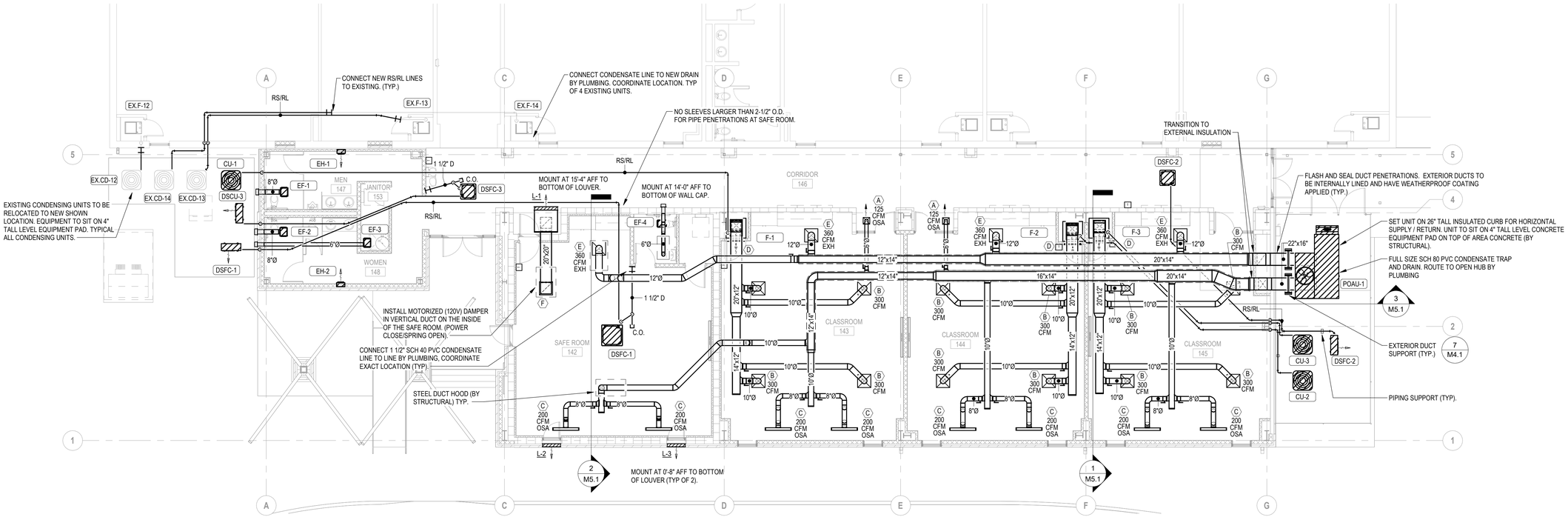
NORTH

2 M1.1

DEMO PLAN - HVAC

1/8" = 1'-0"

0 4' 8' 16'



NORTH

1 M1.1

FLOOR PLAN - HVAC

1/8" = 1'-0"

0 4' 8' 16'

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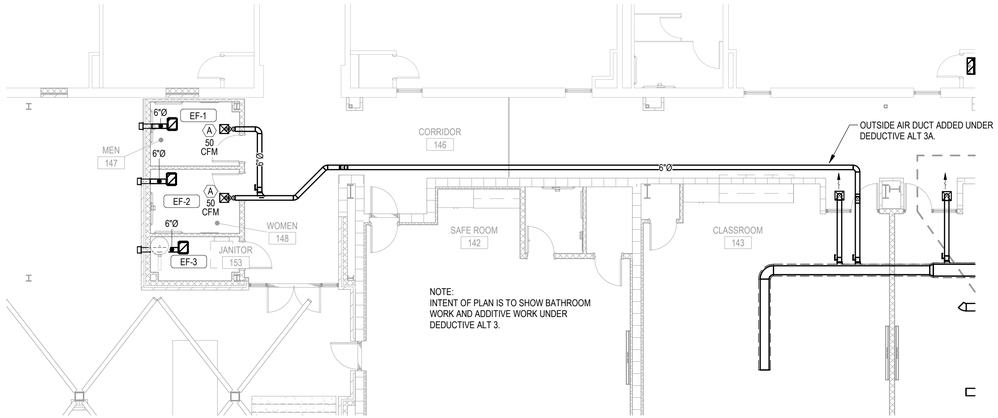
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No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 16924
WADE ALLEN MOSES

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: WAM
REV:

M1.1



UNDER DEDUCTIVE ALTERNATE 3A:
SEE ASSOCIATED FLOOR PLAN FOR ADDITIONAL DUCTWORK.
POAU-1 SHALL BE SELECTED AT NEW SUPPLY AIR CFM OF 1950.
EF-1 & 2 SHALL BE CHANGED TO SAME FAN AS EF-3.

UNDER DEDUCTIVE ALTERNATE 3C:
OMIT F-3/CU-3.
POAU-1 SHALL BE SELECTED AT NEW SUPPLY AIR CFM OF 1550, EXHAUST AIR CFM OF 1080.
UNIT WILL BE MOVED TO NEW MECHANICAL COURTYARD SHOWN ON ARCHITECTURAL PLANS.

NORTH

M1.2

FLOOR PLAN - HVAC DEDUCTIVE ALTERNATE

1/8" = 1'-0"

0 4' 8' 16'

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CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 16924
WADE ALLEN MOSES

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: WAM
REV:

M1.2

MECHANICAL GENERAL NOTES

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

MECHANICAL LEGEND

- TURNING VANES
- RECTANGULAR TO ROUND DUCT TAKE-OFF (SEE DETAIL)
- MANUAL DAMPER
- FULL RADIUS ELBOW
- DETAIL NUMBER - (1 / M-2) TOP NUMBER INDICATES DETAIL NUMBER, BOTTOM NUMBER INDICATES SHEET NUMBER
- (X) GRILLE OR DIFFUSER DESIGNATION - SEE SCHEDULE
- —RS/RL— REFRIGERANT PIPING (SUCTION AND LIQUID)
- ——D—— CONDENSATE DRAIN LINE (SCH 40 PVC INTERIOR, SCH 80 PVC EXTERIOR)
- (T) T-STAT — SENSORS MOUNTED AT 48" A.F.F. TO TOP OF BOX (UNLESS OTHERWISE NOTED)

HVAC ABBREVIATIONS

(SEE SHT T-1 FOR GENERAL ABBREVIATIONS)

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

HVAC SEISMIC NOTES

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

HVAC SEISMIC NOTES

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

ELECTRIC HEATER SCHEDULE

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

ACCESSORIES & NOTES:
1. PROVIDE W/ INTEGRAL T-STAT / DISCONNECT.
2. PROVIDE WALL BOX FOR SEMI-RECESSED INSTALLATION.

AIR DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	MODULAR SIZE	NECK SIZE	FINISH	ACCESSORIES	NOTES
A	PRICE	PDS	LOUVER CEILING SUPPLY	12" X 12"	6"Ø	WHITE	VCR8E	1 WAY DISCHARGE PATTERN
B	PRICE	AMD	LOUVER CEILING SUPPLY	24" X 24"	12" X 12"/ 10"Ø	WHITE	SR8E	LAY IN
C	PRICE	TBDI3100	LINEAR SLOT LAY-IN CEILING SUPPLY	-	(2) 1" SLOTS 4'-0" LENGTH	WHITE	INSULATED PLENUM W/ 8" INLET	LAY IN
D	PRICE	93	HEAVY DUTY SIDEWALL RETURN	-	30"W X 12"H	WHITE	1/2" SPACING 45 DEG. DEFLECTION	14 GAUGE BLADES PARALLEL TO LONG DIMENSION
E	PRICE	80	CUBE CORE CEILING RETURN	24" X 24"	22" X 22"/ 12"Ø	WHITE	SR2	LAY IN
F	PRICE	80	CUBE CORE CEILING RETURN	24" X 24"	20" X 20"	WHITE	-	LAY IN
L-1	GREENHECK	ESD-635	EXHAUST / INTAKE LOUVER	-	42"W X 36"H	NOTE 4	-	4.75 FT2 FREE AREA
L-2, 3	GREENHECK	AFL-501	FEMA LOUVER	-	32"W X 32"H	NOTE 4	NOTE 5	3.1 FT2 FREE AREA

ACCESSORIES & NOTES:
1. PROVIDE INSULATION BACKING FOR ALL SUPPLY DIFFUSERS.
2. PROVIDE DUCT MOUNTED OPPOSED BLADE DAMPER TO BALANCE RETURN AIR DUCTWORK.
3. CONTRACTOR TO VERIFY MOUNTING TYPE FOR ALL GRILLES WITH ARCH. CEILING PLANS PRIOR TO BID.
4. ALL LOUVERS TO HAVE 2 COAT 70% KYNAR FINISH. PROVIDE WITH BIRD SCREEN. COLOR BY ARCHITECT.
5. PROVIDE FEMA LOUVER WITH FLANGES (4 SIDES) EXTERIOR CANTILEVER MOUNTED, BIRD SCREEN, COLOR AS SELECTED BY ARCHITECT.

EXHAUST FANS SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	CFM	E.S.P. (IN W.G.)	VOLTAGE / PHASE	FAN HP (HP OR WATTS)	SONES	WEIGHT (LBS)	CONTROL POINT	NOTES
EF-1	GREENHECK	SP-A200	CEILING	150	0.3	120/1	30.0	1.5	27	LIGHTS	1, 2, 3
EF-2	GREENHECK	SP-A200	CEILING	150	0.3	120/1	30.0	1.5	27	LIGHTS	1, 2, 3
EF-3	GREENHECK	SP-B150	CEILING	100	0.3	120/1	41.0	1.1	13	SWITCH	1, 2, 3
EF-4	GREENHECK	SP-B110	CEILING	75	0.3	120/1	40.0	0.6	13	SWITCH	1, 2, 3

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

CONDENSING UNIT AND COOLING COIL SCHEDULE

MARK	MANUFACTURER	MODEL	COOLING COIL	NOMINAL TONNAGE	COOLING CAPACITY TOTAL / SENSIBLE (MBH)	COOLING STAGES	SEER	VOLTAGE / PHASE	MCA / MOCP
CU-1	LENNOX	ML17KC2-036-230	CK40CT-36B	3	39.1 / 30.4	2	16.0	208 / 1	19 / 30
CU-2	LENNOX	ML17KC2-036-230	CK40CT-36B	3	39.1 / 30.4	2	16.0	208 / 1	19 / 30
CU-3	LENNOX	ML17KC2-036-230	CK40CT-36B	3	39.1 / 30.4	2	16.0	208 / 1	19 / 30

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

FURNACE UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	NOMINAL TONNAGE	CFM	HEATING INPUT / OUTPUT (MBH)	HEATING STAGES	VOLTAGE / PHASE	MOCP
F-1	LENNOX	ML296UH070XV36B	3	1200	66 / 62	2	120 / 1	15
F-2	LENNOX	ML296UH070XV36B	3	1200	66 / 62	2	120 / 1	15
F-3	LENNOX	ML296UH070XV36B	3	1200	66 / 62	2	120 / 1	15

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

MINI SPLIT OUTDOOR UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	SEER	VOLTAGE / PHASE	MCA / MOCP	MATCH WITH	WEIGHT (LBS)
DSCU-1	DAIKIN	RZA36AAJU	36.0	40.0	20	208/1	34.6 / 35	DSFC-1	234
DSCU-2	DAIKIN	RZA18AAJU	18.0	20.0	19.5	208/1	19.8 / 20	DSFC-2	234
DSCU-3	DAIKIN	RZA18AAJU	18.0	20.0	19.5	208/1	19.8 / 20	DSFC-3	234

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

MINI SPLIT INDOOR UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	CFM	VOLTAGE / PHASE	MCA / MOCP	MATCH WITH	WEIGHT (LBS)
DSFC-1	DAIKIN	FCS36AAJU	CEILING CASSETTE	671 - 1253	208/1	1.6 / 15	DSCU-1	58
DSFC-2	DAIKIN	FCA18AAJU	CEILING CASSETTE	477 - 742	208/1	-	DSCU-2	51
DSFC-3	DAIKIN	FCA18AAJU	CEILING CASSETTE	477 - 742	208/1	-	DSCU-3	51

ACCESSORIES & NOTES:
1. INDOOR UNIT POWERED FROM OUTDOOR UNIT UNLESS NOTED.
2. PROVIDE INTEGRAL CONDENSATE PUMP.
3. PROVIDE 24V TSTAT INTERFACE KIT FOR UNIT TO BE CONTROLLED BY DDC.

PACKAGED OUTSIDE AIR UNITS

TAG	POAU-1
MANUFACTURER	AAON
MODEL	RNA-010-A-A-8-GAB0A-CB2L0
EQUIVALENT TOTAL CAPACITY (MBH)	172.4
TOTAL CAPACITY (MBH)	107.7
SENSIBLE CAPACITY (MBH)	66.2
EER AT OP. CONDITIONS	16
WEIGHT (LBS)	1,746
SUPPLY AIR CFM	1,850
RETURN AIR CFM	1,440
EXHAUST AIR CFM	1,440
ESP (IN. WG)	1.25
SUPPLY FAN:	
BHP	1.66
MOTOR (HP)	3
EXHAUST FAN:	
BHP	0.8
MOTOR (HP)	2
DESIGN CONDITIONS:	
SUMMER:	
OUTDOOR (DB°F / WB°F)	97.1 / 78.3
INDOOR (DB°F / RH%)	75 / 50
WINTER:	
OUTDOOR (DB°F / WB°F)	10 / 8
INDOOR (DB°F / RH%)	70 / 50
COIL CONDITIONS:	
EAT (DB°F / WB°F)	83.0 / 69.0
LAT (DB°F / WB°F)	49.0 / 48.9
ENERGY WHEEL:	
SUMMER:	
EAT (DB°F / WB°F)	97.1 / 78.3
LAT (DB°F / WB°F)	83.0 / 69.0
TOTAL CAPACITY (MBH)	64.8
SENSIBLE CAPACITY (MBH)	25.4
WINTER:	
EAT (DB°F / WB°F)	10 / 8
LAT (DB°F / WB°F)	44.3 / 37.5
TOTAL CAPACITY (MBH)	91.6
SENSIBLE CAPACITY (MBH)	69.2
HOT GAS REHEAT COIL:	
EAT (DB°F / WB°F)	49.0 / 48.9
LAT (DB°F / RH%)	75.0 / 39
CAPACITY (MBH)	49.1
HEATING:	
TYPE	NATURAL GAS
INPUT / OUTPUT (MBH)	150 / 121.5
EAT (DB°F / WB°F)	44.3 / 37.5
LAT (DB°F / WB°F)	106.9 / 64.2
TURNDOWN	8 : 1
ELECTRICAL:	
VOLTAGE / PHASE	208V / 3
MCA	56
MOCP	90

ACCESSORIES & NOTES:
1. 4" PLEATED FILTERS MERV 8
2. 5 YEAR COMPRESSOR WARRANTY, 2 YEAR UNIT PARTS WARRANTY
3. MODULATING HOT GAS REHEAT DEHUMIDIFICATION CYCLE
4. FACTORY MTD. BACNET COMPATIBLE UNIT CONTROLS (ACCESSIBLE FROM OUTSIDE ...
5. VARIABLE CAPACITY COMPRESSOR
6. STAINLESS STEEL DRAIN PANS WITH CONDENSATE OVERFLOW SWITCH
7. STAINLESS STEEL HEAT EXCHANGER W/ MODULATING GAS TEMP CONTROL
8. METAL MESH OSA PRE-FILTER
9. DIRTY FILTER SWITCH AND MAGNEHELIC GUAGE
10. ECM CONDENSER FAN HEAD PRESSURE CONTROL
11. COMPRESSOR ISOLATION VALVES AND SIGHT GLASSES
12. SUPPLY / RETURN AIRFLOW MEASURING STATION
13. POAU-1 TO HAVE 26" TALL CUSTOM DISCHARGE CURB

OSA REQUIREMENTS

POAU-1

UNIT No.	ROOM NAME	ROOM #	OCCUPANTS	CFM / OCCUPANT	AREA	CFM/FT2	FRESH AIR DESIGN (CFM) SUPPLY	FRESH AIR DESIGN (CFM) EXHAUST
-	CLASSROOM	145	28	10	850	0.12	400	360
-	CLASSROOM	144	28	10	850	0.12	400	360
-	CORRIDOR	146	-	5	447	0.06	125	-
-	CORRIDOR	146	-	5	447	0.06	125	-
-	CLASSROOM	143	28	10	850	0.12	400	360
-	SAFE ROOM	142	28	10	850	0.12	400	360
TOTAL AIRFLOW FOR POAU-1							1,850	1,440

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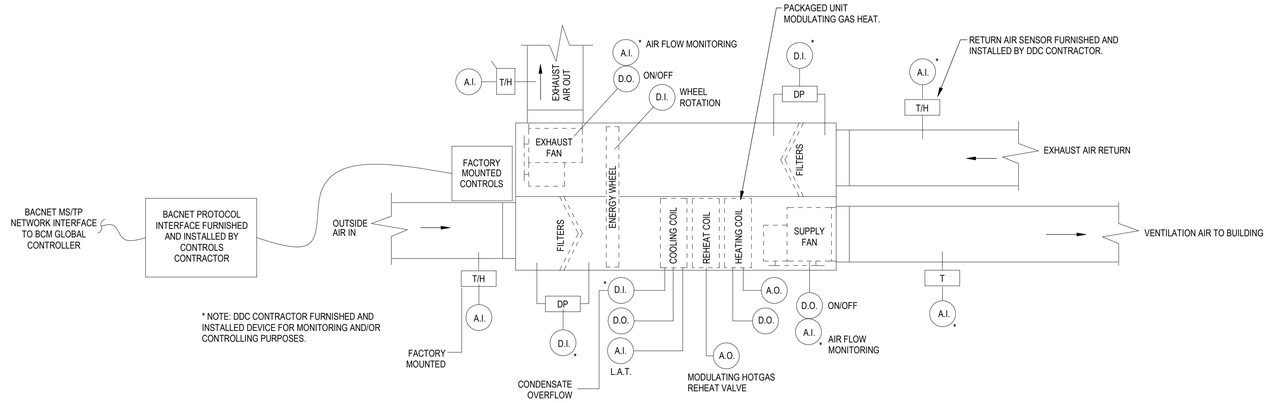
CLASSROOM ADDITION
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No. 186
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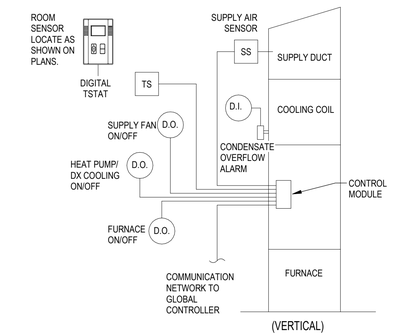
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10924
BRUCE ALLEN MOORE

DATE: 2026 09-14
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REV:

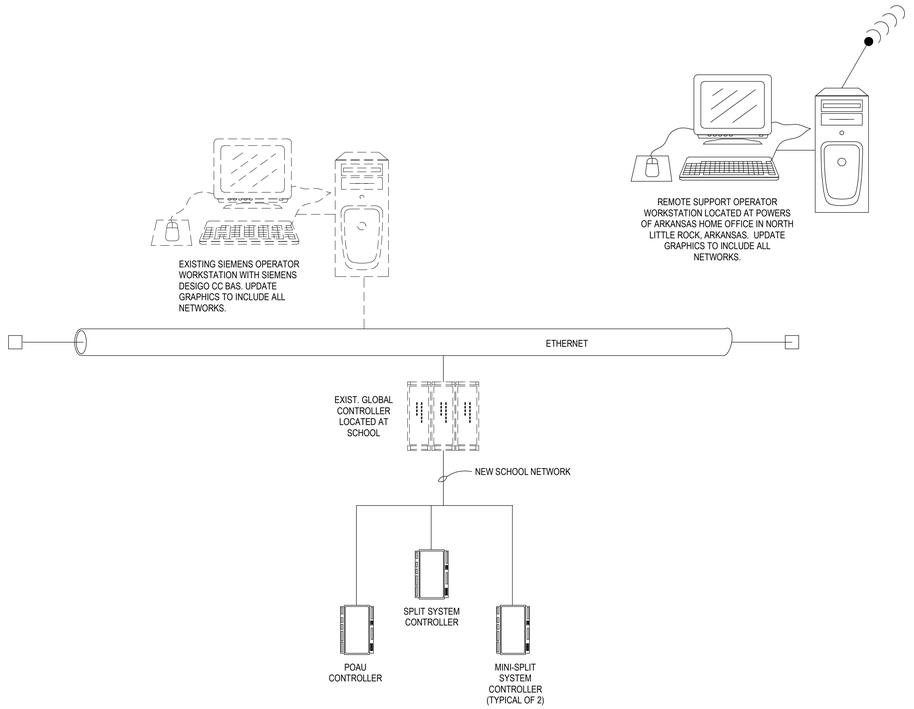
M2.1



3 M3.1 CONTROLS - POAU
NOT TO SCALE



2 M3.1 CONTROLS - FURNACE
NOT TO SCALE



1 M3.1 CONTROLS RISER
NOT TO SCALE

SEQUENCE OF OPERATION

REFER TO SECTION 23 09 23

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

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

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

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

5. FANS (EF's)
   A. EF-1, 2, 4
      SHALL BE ACTIVATED BY LIGHT SWITCH IN CORRESPONDING SPACE.
   B. EF-3
      SHALL BE CONTROLLED BY WALL MOUNTED MANUAL MOTOR STARTER. SWITCH FURNISHED BY ELECTRICAL CONTRACTOR.

CONTROLS LEGEND

A.O.	ANALOG OUTPUT	TS	TEMPERATURE SENSOR
A.I.	ANALOG INPUT	T/H	TEMPERATURE/HUMIDITY SENSOR
D.O.	DIGITAL OUTPUT	DP	DIFFERIENTIAL PRESSURE SENSOR
D.I.	DIGITAL INPUT	RT	ROOM THERMOSTAT
		H	HUMIDITY SENSOR
		CO_2	CO_2 SENSOR

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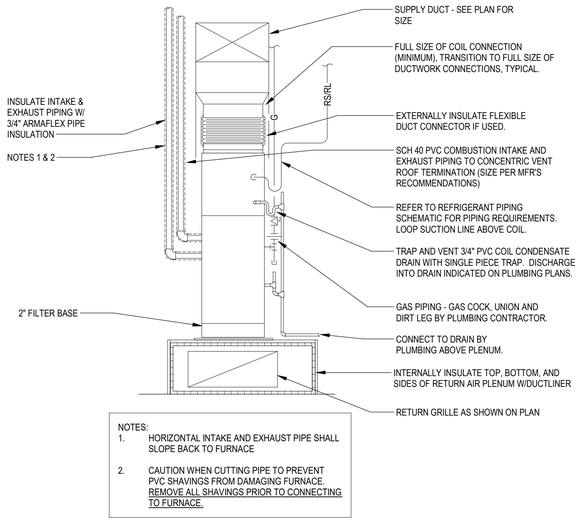
CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 16924
WADE ALLEN MOORE

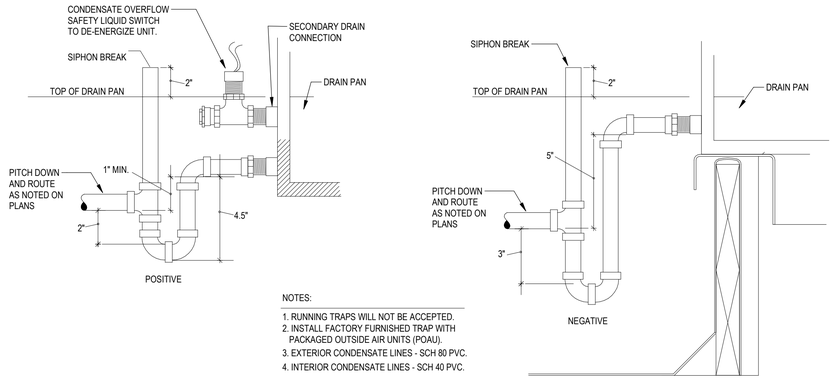
DATE: 2026 09-14
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M3.1



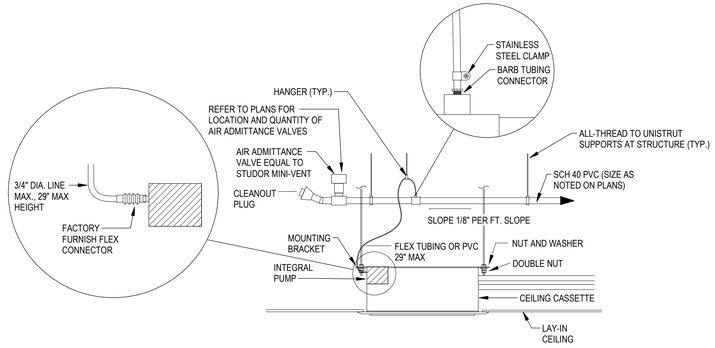
NOTES:
1. HORIZONTAL INTAKE AND EXHAUST PIPE SHALL SLOPE BACK TO FURNACE
2. CAUTION WHEN CUTTING PIPE TO PREVENT PVC SHAVINGS FROM DAMAGING FURNACE. REMOVE ALL SHAVINGS PRIOR TO CONNECTING TO FURNACE.

1 M4.1 FURNACE ELEVATION
NOT TO SCALE

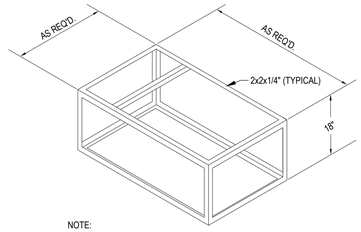


NOTES:
1. RUNNING TRAPS WILL NOT BE ACCEPTED.
2. INSTALL FACTORY FURNISHED TRAP WITH PACKAGED OUTSIDE AIR UNITS (POAU).
3. EXTERIOR CONDENSATE LINES - SCH 80 PVC.
4. INTERIOR CONDENSATE LINES - SCH 40 PVC.

2 M4.1 CONDENSATE TRAP DETAIL
NOT TO SCALE

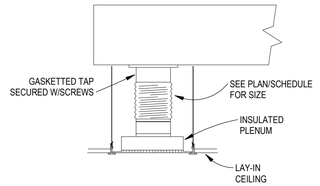


3 M4.1 CEILING CASSETTE
NOT TO SCALE

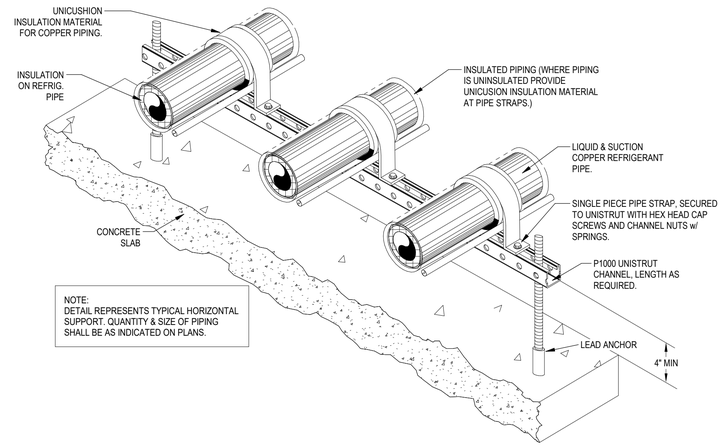


NOTE:
1. COVER TOP, BOTTOM AND EXPOSED SIDES WITH 20 GA. SHEET METAL. SEAL ALL JOINTS AIR TIGHT
2. COVER ALL INTERIOR SURFACES OF PLENUM WITH 1" 3# DENSITY COATED FIBERGLASS LINER.
3. IF THERE ARE MULTIPLE FURNACE PLENUMS IN AN AREA PROVIDE DIVIDER PIECE FOR EACH PLENUM.

4 M4.1 FURNACE PLATFORM
NOT TO SCALE

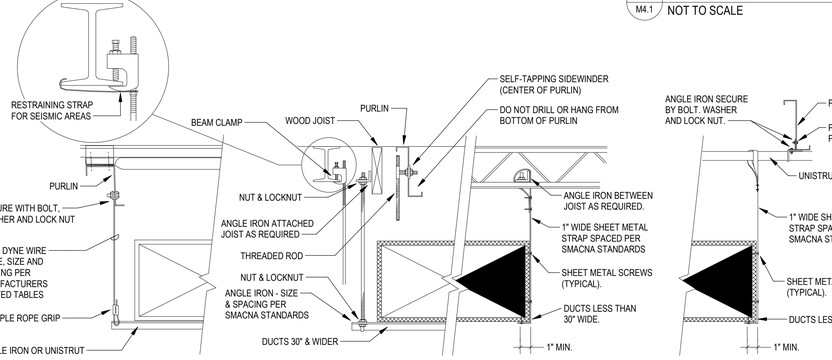


5 M4.1 CEILING RETURN/EXHAUST
NOT TO SCALE

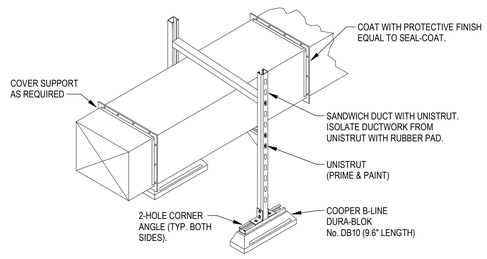


NOTE:
DETAIL REPRESENTS TYPICAL HORIZONTAL SUPPORT. QUANTITY & SIZE OF PIPING SHALL BE AS INDICATED ON PLANS.

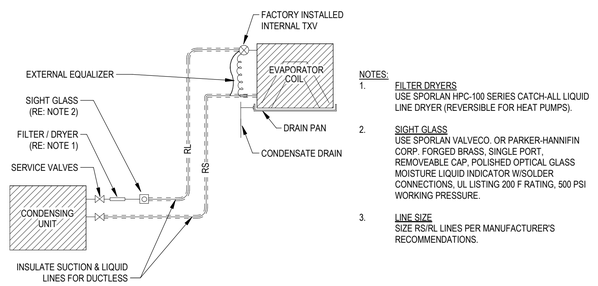
8 M4.1 PIPING SUPPORT - MULTI REFRIGERANT
NOT TO SCALE



6 M4.1 DUCT SUPPORT DETAIL
NOT TO SCALE

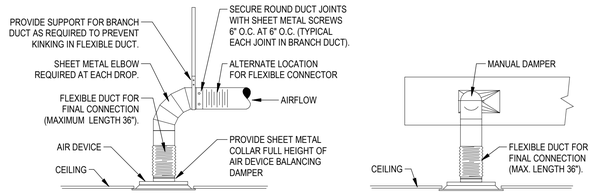


7 M4.1 EXTERIOR DUCT SUPPORT DETAIL
NOT TO SCALE

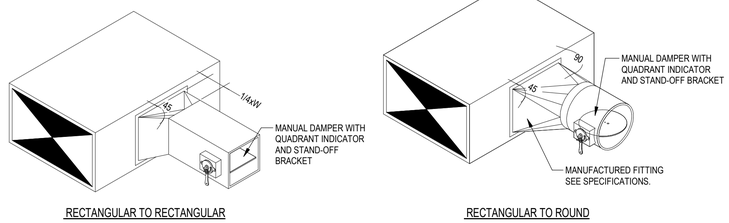


NOTES:
1. FILTER DRYERS
USE SPORLAN HPC-100 SERIES CATCH-ALL LIQUID LINE DRYER (REVERSIBLE FOR HEAT PUMPS).
2. SIGHT GLASS
USE SPORLAN VALVECO. OR PARKER-HANNIFIN CORP. FORGED BRASS, SINGLE PORT, REMOVEABLE CAP. POLISHED OPTICAL GLASS MOISTURE LIQUID INDICATOR W/SOLDER CONNECTIONS, UL LISTING 200 F RATING,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

9 M4.1 REFRIGERANT PIPING SCHEMATIC
NOT TO SCALE



10 M4.1 DIFFUSER CONNECTION DETAIL
NOT TO SCALE



11 M4.1 DUCT TAKE-OFF DETAIL
NOT TO SCALE

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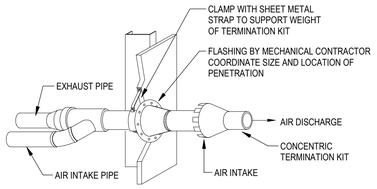
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JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

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LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

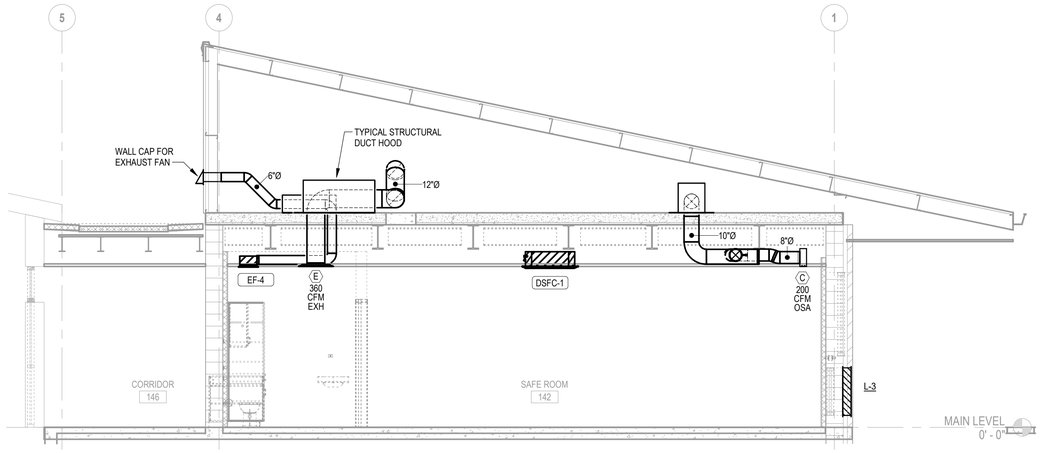
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 18924
WADE ALLEN MORRIS

DATE:	2026 09-14
PROJECT NO:	26015
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REV:	

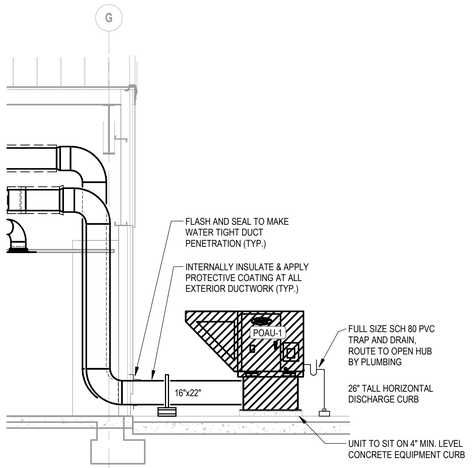
M4.1



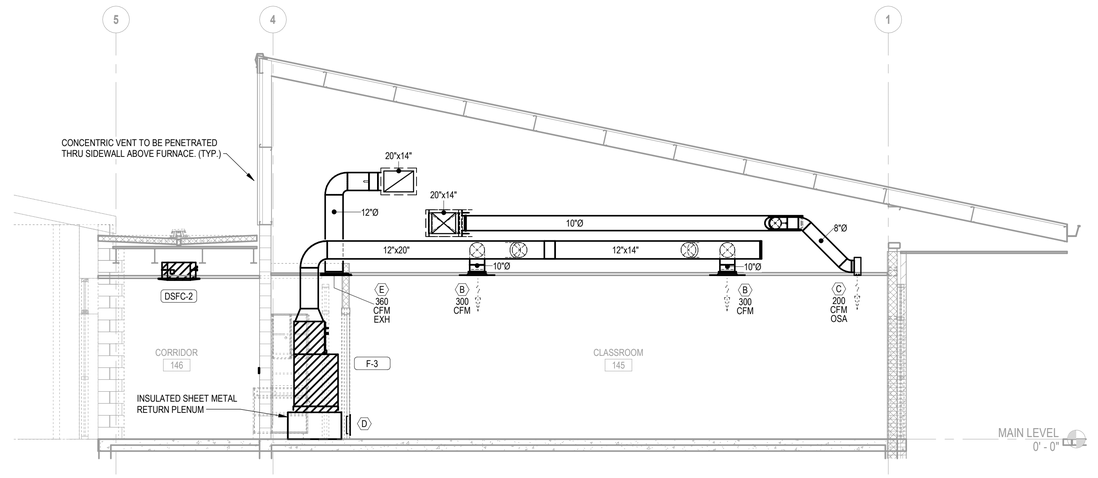
4 M5.1 CONCENTRIC VENT THRU WALL
NOT TO SCALE



2 M5.1 SAFE ROOM SECTION
1/4" = 1'-0"



3 M5.1 POAU-1 SECTION
1/4" = 1'-0"



1 M5.1 TYPICAL BUILDING SECTION
1/4" = 1'-0"

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REV:

M5.1

GENERAL ELECTRICAL DEMOLITION NOTES

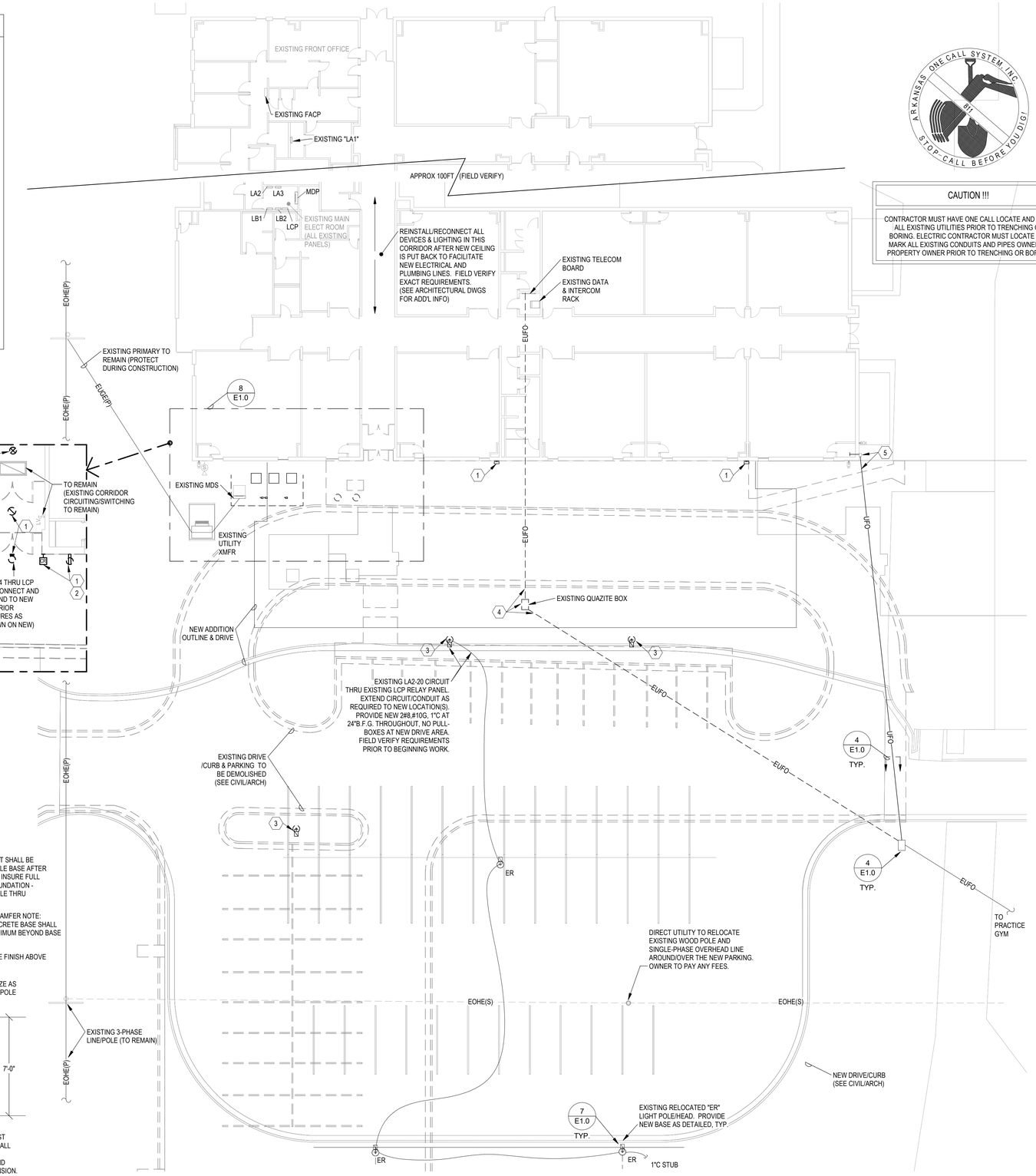
1. ALL SALVAGEABLE ITEMS SUCH AS LIGHT FIXTURES, ETC THAT ARE NOT TO BE REUSED SHALL BE TURNED OVER TO THE OWNER.
2. REFER TO ARCHITECTURAL PLANS FOR GENERAL DEMOLITION ITEMS SUCH AS CEILINGS,WALLS, ETC.
3. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AS TO CONSTRUCTION SCHEDULING, SERVICE, INTERRUPTIONS, AND ACCESS TO WORK AREAS.
4. ALL EXISTING BRANCH CIRCUITS NOT USED SHALL BE REMOVED BACK TO PANEL. THE CIRCUIT BREAKERS SHALL BE LABELED AS SPARE, AND EXISTING CONDUIT SHALL REMAIN FROM PANEL TO ABOVE ACCESSIBLE CEILING SPACE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION IN AREAS OF RENOVATION. ALL WIRING DEVICES, LIGHT FIXTURES, WIRE, AND CONDUIT THAT IS TO BE REMOVED SHALL BE STORED, AS DIRECTED BY THE OWNER, OR RELOCATED AS SHOWN ON THE NEW FLOOR PLAN. APPROPRIATE MEASURES SHALL BE TAKEN TO ASSURE CONTINUITY OF EXISTING CIRCUITS WHERE REQUIRED, AND ALL OUTAGES WHICH MAY RESULT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE WORK.
6. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING SCHEDULES IN ALL ELECTRICAL PANELS THAT ARE AFFECTED BY THIS WORK. UPDATED SCHEDULES ARE TO BE TYPEWRITTEN.

KEYED ELECTRICAL NOTES:

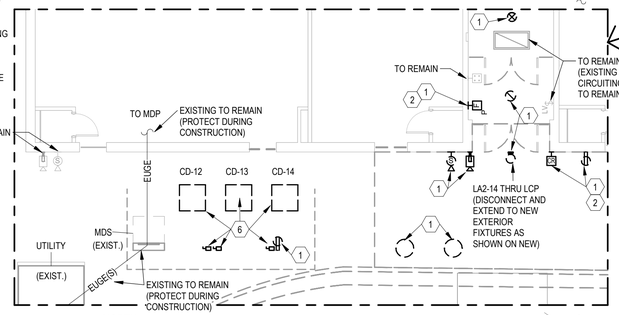
1. REMOVE EXISTING WIRING DEVICE(S), LIGHT FIXTURES, WIRE AND CONDUIT. ABANDON OR RE-USE EXISTING CONDUIT IN EXISTING WALLS THAT ARE TO REMAIN AS SHOWN NEW FLOOR PLAN.
2. PATCH EXISTING WALL TO MATCH NEW OR EXISTING WALL FINISH AS DIRECTED BY THE ARCHITECT.
3. REMOVE & RELOCATE EXISTING LIGHT/POLE. EXTEND CONDUIT AS NOTED AND PULL NEW WIRE THROUGHOUT.
4. EXISTING FIBER QUAZITE BOX WITH (2) 2"C AND FIBER TO PRACTICE GYM. OWNER TO REMOVE EXISTING FIBER PRIOR TO BEGINNING WORK. CONTRACTOR SHALL PROVIDE NEW CONDUITS FROM BUILDING AS SHOWN AND INTERCEPT EXISTING CONDUITS AS SHOWN. OWNER TO RE-INSTALL FIBER AFTER NEW CONDUITS ARE IN PLACE. COORDINATE PHASING WITH CM. CONTRACTOR SHALL REMOVE UNUSED CONDUIT IN THE WAY OF NEW CONSTRUCTION. TURN OVER BOX TO OWNER.
5. PROVIDE HOFFMAN NEMA 3R PULL-BOX (MINIMUM SIZE 18"Hx18"Wx8"D) AT ABOVE ADJACENT CEILING HEIGHT AT STUB (2) 2" CONDUITS INTO BUILDING WEATHER-TIGHT. PROVIDE (2) 2"C UNDERGROUND TO QUAZITE BOX AS SHOWN TO INTERCEPT EXISTING CONDUITS TO PRACTICE GYM. FIELD VERIFY EXACT LOCATION PRIOR TO BEGINNING WORK. EXPOSED CONDUITS SHALL BE RIGID RMC TYPE.
6. CONTRACTOR SHALL REMOVE EXISTING CIRCUITS/WIRING TO EXISTING UNITS BEING RELOCATED. CONTRACTOR SHALL RELOCATE DISCONNECT SWITCHES AND RE-INSTALL CIRCUITS TO PANELS AS NOTED ON NEW PLANS.

SITE ELECTRICAL LEGEND

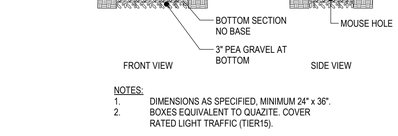
EOHE	EXISTING OVERHEAD ELECTRICAL
EUGE	EXISTING UNDERGROUND ELECTRICAL
EUT	EXISTING UNDERGROUND TELEPHONE
EUTV	EXISTING UNDERGROUND CABLE (TELEVISION)
EUFO	EXISTING UNDERGROUND FIBER OPTIC
EUC	EXISTING UNDERGROUND SYSTEMS CONDUIT
OHE	OVERHEAD ELECTRICAL
UGE	UNDERGROUND ELECTRICAL
UT	UNDERGROUND TELEPHONE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



NORTH 1 E1.0 — ELECTRICAL SITE PLAN & DEMOLITION
1/16" = 1'-0"

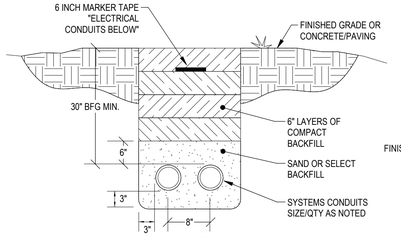


NORTH 8 E1.0 — ENLARGED DEMOLITION
1/8" = 1'-0"



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

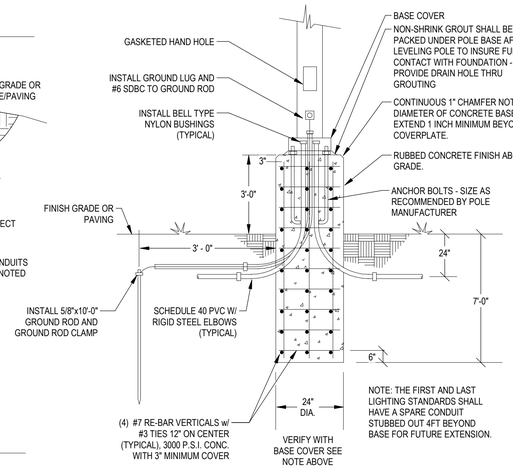
4 E1.0 — QUAZITE BOX
NOT TO SCALE



TYPICAL SECTION

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

3 E1.0 — TRENCH DETAIL - CONDUIT
NOT TO SCALE



7 E1.0 — LIGHT POLE BASE DETAIL
NOT TO SCALE

CAUTION !!!

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

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

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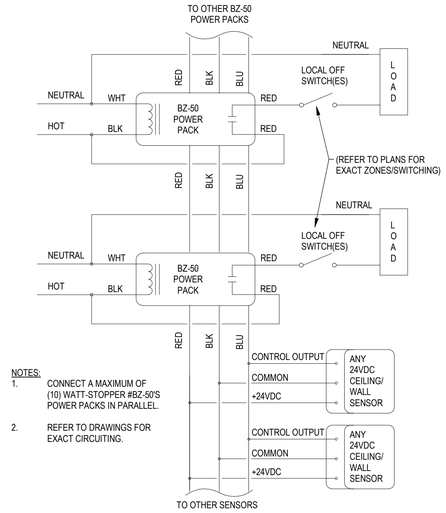
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STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

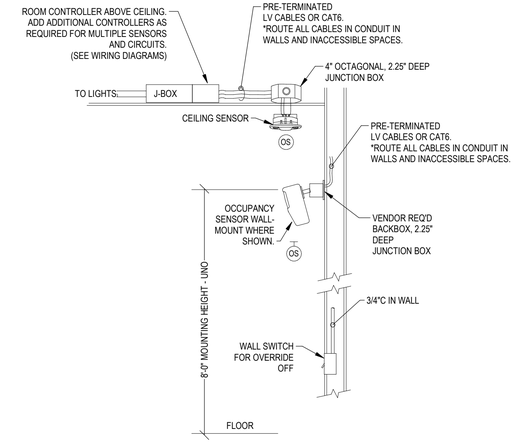
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11659
9/14/2026
SCOTT P. WOODWARD

DATE:	2026 09-14
PROJECT NO:	26015
DRAWN BY:	SPW
REV:	

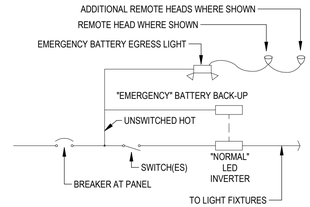
E1.0



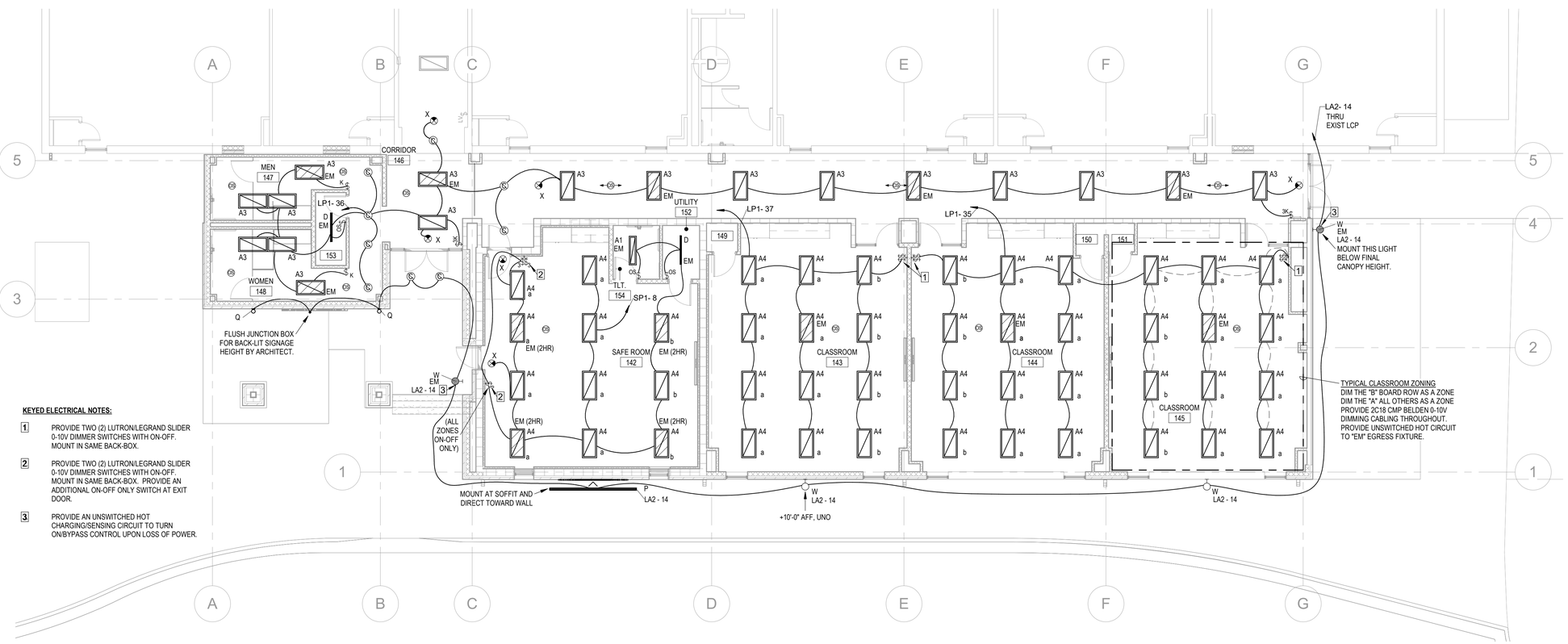
3 E1.1 OCC SENSOR DETAIL
NOT TO SCALE



4 E1.1 OCC SENSOR MOUNT GENERAL
NOT TO SCALE



2 E1.1 EMERGENCY LIGHTING DIAGRAM
NOT TO SCALE



KEYED ELECTRICAL NOTES:

1. PROVIDE TWO (2) LUTRON/LEGRAND SLIDER 0-10V DIMMER SWITCHES WITH ON-OFF. MOUNT IN SAME BACK-BOX.
2. PROVIDE TWO (2) LUTRON/LEGRAND SLIDER 0-10V DIMMER SWITCHES WITH ON-OFF. MOUNT IN SAME BACK-BOX. PROVIDE AN ADDITIONAL ON-OFF ONLY SWITCH AT EXIT DOOR.
3. PROVIDE AN UNSWITCHED HOT CHARGING/SENSING CIRCUIT TO TURN ON/BYPASS CONTROL UPON LOSS OF POWER.

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

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ARKANSAS ENGINEER

STATE OF ARKANSAS
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No. 11659
9/14/26
SCOTT P. WOODWARD

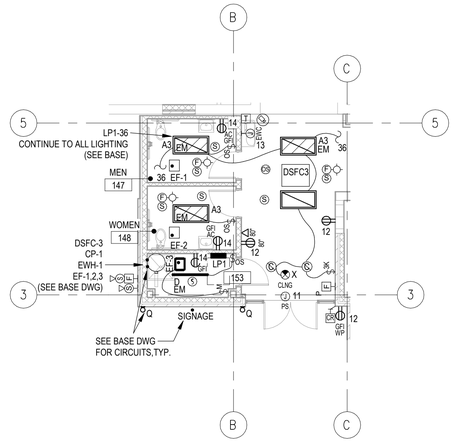
DATE: 2026 09-14
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REV:

E1.1

MINIMUM WIRING NOTES

WHETHER SHOWN OR NOT - THE CONTRACTOR SHALL PROVIDE THE MINIMUM WIRE NOTED BELOW FOR ALL EQUIPMENT CONNECTIONS:

MOCP/BREAKER:	WIRE:
20A	#12AWG
25A-30A	#10AWG
35A-40A	# 8AWG
45A-55A	# 6AWG
55A-70A	# 4AWG
70A-85A	# 3AWG
85A-100A	# 2AWG

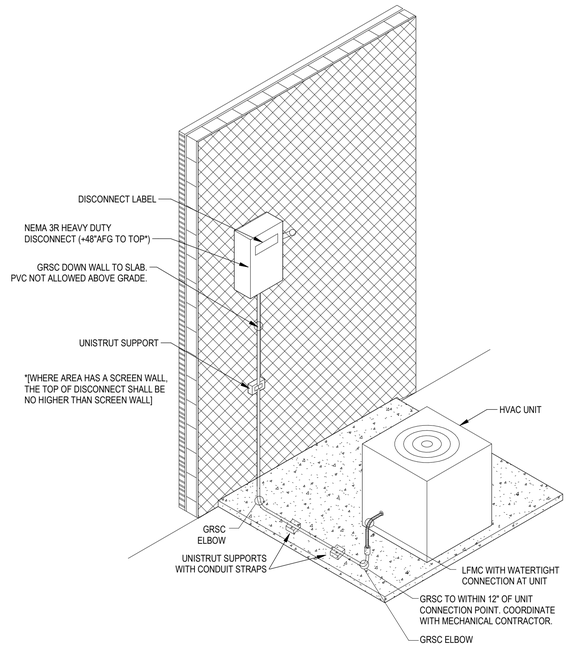


REFER TO ARCHITECTURAL PLANS AND BID FORM FOR ALL DEDUCTIVE ALTERNATES AND PROVIDED ELECTRICAL DEDUCTS ACCORDINGLY.

NORTH

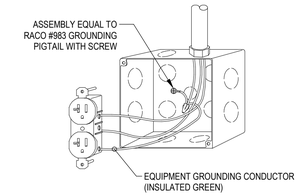
6 E2.1 ALTERNATE FLOOR PLAN - ELECTRICAL

1/8" = 1'-0"



5 E2.1 EXTERIOR HVAC DISCONNECT

NOT TO SCALE



2 E2.1 RECEPTACLE GROUND DETAIL

NOT TO SCALE

PANEL A
225A, 208Y120, 3 ϕ ,4W

TYPICAL PANEL NAMEPLATE

CU-1
FED FROM PANEL E

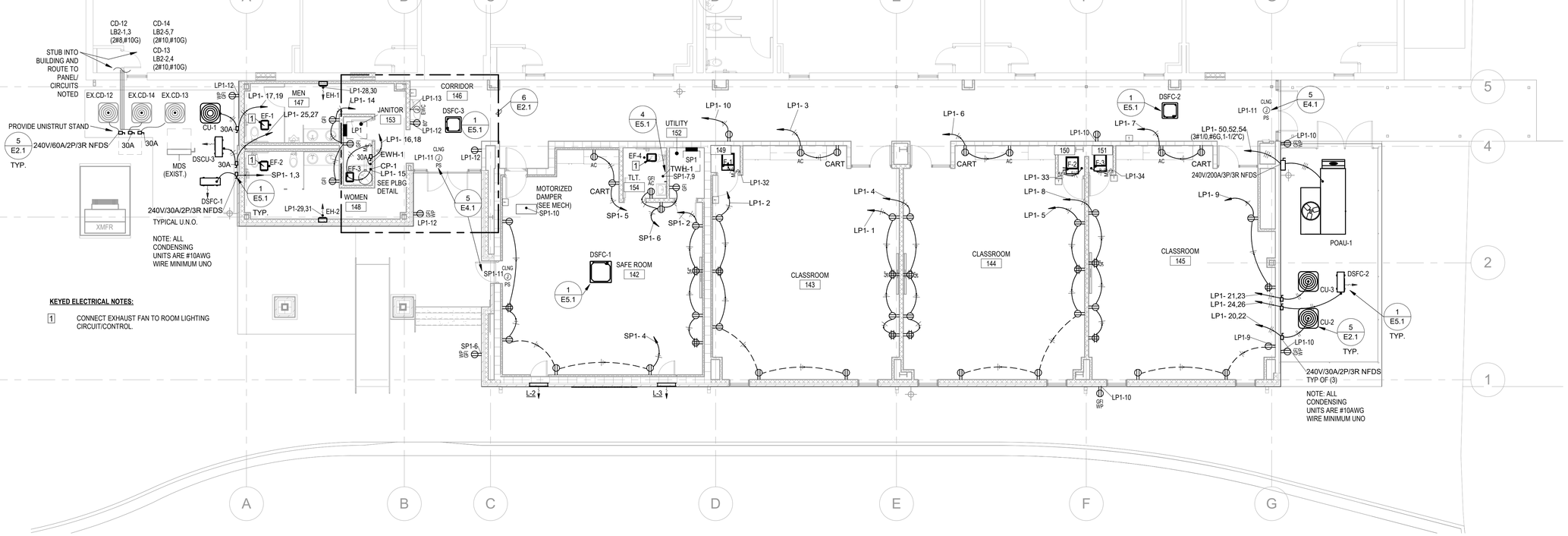
TYPICAL EQUIPMENT NAMEPLATE

3 E2.1 EQUIPMENT TAG DETAIL

NOT TO SCALE

NAMEPLATE NOTES

1. ALL ELECTRICAL EQUIPMENT, TIMER SWITCHES, SAFETY SWITCHES, STARTERS, PANELS, AND TRANSFORMERS SHALL HAVE LAMINATED BAKELITE NAMEPLATES SECURELY FASTENED TO DEVICE.
2. NAMEPLATE SIZE SHALL BE 1-1/2" x 4" WITH BEVELED EDGES AND 1/4" LETTERS.
3. NAMEPLATE SHALL INCLUDE PANEL OR EQUIPMENT DESIGNATION. INCLUDE AMPERAGE, VOLTAGE, PHASE, AND WIRE FOR THE PANELS. INCLUDE "PANEL FED FROM" FOR THE EQUIPMENT.
4. NAMEPLATES SHALL BE INSTALLED IN PANELS, CABINETS, SWITCHES, ETC. WITH RIVETS OR STAINLESS STEEL SCREWS. PLATES ATTACHED TO DRYWALL OR BLOCK ON INTERIOR MAY BE ADHESIVE BACK.
5. NAMEPLATES FOR NORMAL EQUIPMENT SHALL BE BLACK, EMERGENCY EQUIPMENT SHALL BE RED. LETTERS SHALL BE WHITE.
6. EMBOSSED STICK BACK WILL NOT BE ALLOWED.
7. NAMEPLATES FOR SWITCHES MAY BE OMITTED FOR FURNACES WHEN THE EQUIPMENT WHICH IS SERVED IS OBVIOUS TO SERVICE TECHNICIAN.
8. WHERE EQUIPMENT DISCONNECT IS A BREAKER IN A PANEL, SECURE NAMEPLATE (WITH UNIT DESIGNATION AND "FED FROM PANEL") TO THE ACTUAL EQUIPMENT.



NORTH

1 E2.1 FLOOR PLAN - POWER

1/8" = 1'-0"

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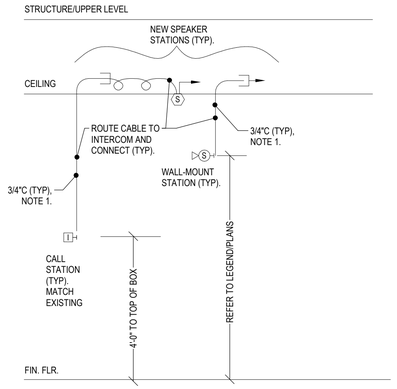
CLASSROOM ADDITION
JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11659
0/14/26
SCOTT P. WOODWARD

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: SPW
REV:

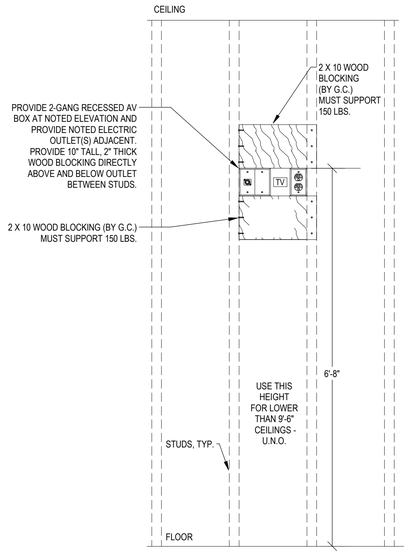
E2.1



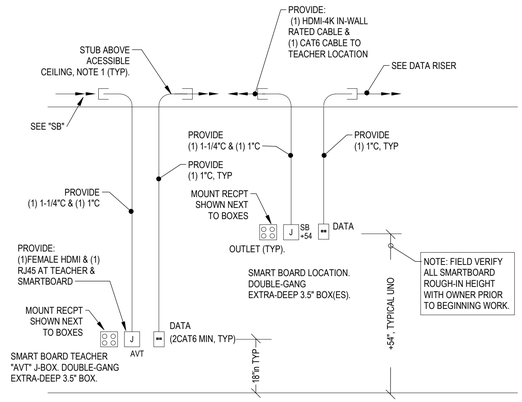
GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. INTERCOM COMMUNICATION SYSTEMS: CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACK-BOXES, SLEEVES, PATCH PANELS, AMPS/SPEAKERS, TESTING, ETC. TO EXPAND THE EXISTING VALCOM MULTI-PATH SYSTEM. ALL NEW DEVICES SHALL MATCH EXISTING TYPE/MANUFACTURER.
3. REFER TO DIVISION 27 FOR ADDITIONAL REQUIREMENTS. CABLE AND JACK COLORING, TYPES SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. PROVIDE SHIELDED CABLING FOR SPEAKER WIRING AS RECOMMENDED BY MANUFACTURER.

5 E3.1 RISER DIAGRAM - INTERCOM
NOT TO SCALE



2 E3.1 TV/MONITOR BLOCKING DETAIL
NOT TO SCALE



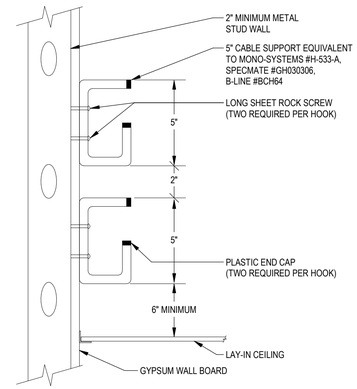
SMARTBOARD "SB" / PROJECTOR LOCATIONS

(SEE PLANS & TYPICAL ELEVATION FOR ADDITIONAL REQUIREMENTS)

GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACK-BOXES, ETC TO FACILITATE A COMPLETE SYSTEM - UNO.
3. REFER TO DIVISION 27 FOR ADDITIONAL REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. ALL FACEPLATE FINISHES SHALL MATCH OTHER PROJECT DEVICE FACEPLATES IN THE AREA IN WHICH THEY ARE INSTALLED.

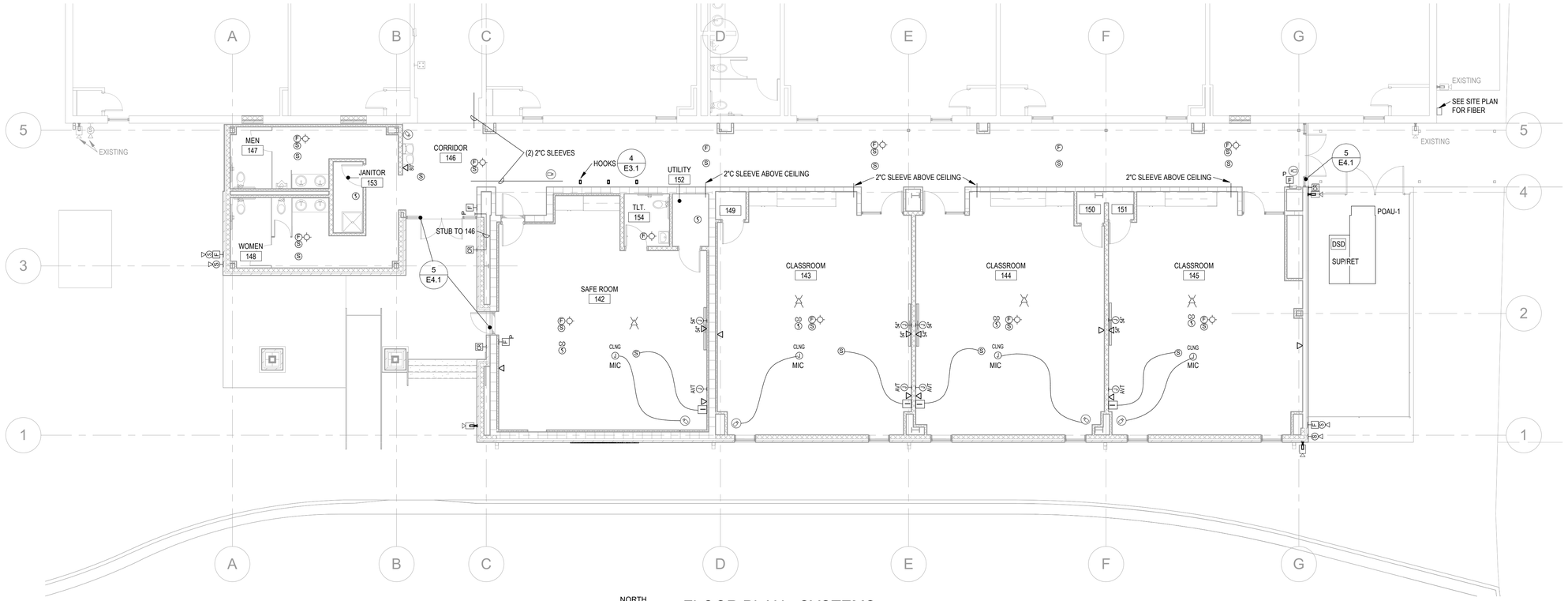
3 E3.1 RISER DIAGRAM - SMARTBOARD
NOT TO SCALE



NOTES:

1. MOUNT CABLE SUPPORTS AS FOLLOWS:
   A. PROVIDE HOOKS MOUNTED ON BOTH SIDES OF ALL ACCESSIBLE CORRIDOR CEILINGS.
   B. PROVIDE HOOKS, ABOVE ACCESSIBLE CEILINGS, AROUND THE PERIMETER OF ALL LARGE ROOMS/SPACES (>1000 SQ FT).
   C. IN GENERAL, PROVIDE HOOKS AS REQUIRED TO SUPPORT ALL LOW-VOLTAGE WIRING. NO LOW-VOLTAGE WIRING SHALL LAY ON CEILING TILES. LOW-VOLTAGE WIRING SUPPORTS SHALL BE INDEPENDENT OF ANY CEILING SUPPORTS AND MARKED ACCORDING TO NEC.
2. INSTALL HOOKS AT 4'-0" ON CENTER.
3. HOOKS MAY BE OMITTED IN CORRIDORS WHERE CABLE-TRAY IS SHOWN ON PLANS.
4. IN AREAS WHERE NO CEILINGS/EXPOSED, SUCH AS A GYMNASIUM, MECHANICAL ROOM, LOBBY ETC, ALL LOW-VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT/RACEWAY.
5. IN AREAS WITH HARD (INACCESSIBLE) CEILINGS, SUCH AS GYPSUM, ALL LOW-VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT/RACEWAY.
6. ALL EXTERIOR LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT/RACEWAY.

4 E3.1 CABLE HOOK DETAIL
NOT TO SCALE



NORTH

1 E3.1 FLOOR PLAN - SYSTEMS
1/8" = 1'-0"

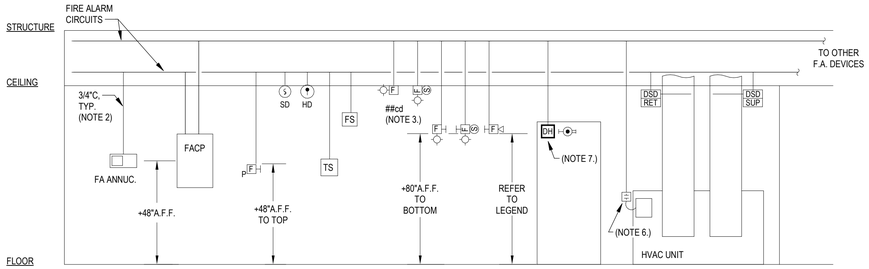
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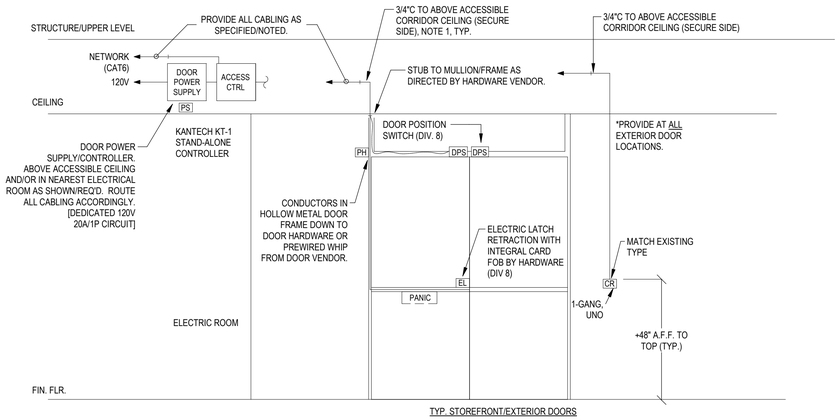
E3.1



SCOPE OF WORK - CONTRACTOR SHALL PROVIDE THE FOLLOWING:

1. PROVIDE EXPAND EXISTING NOTIFIER NFW2-100 FACP & NFC-50/100 VOICE EVAC PANEL.
2. ALL WIRING SHALL BE INSTALLED IN EMT CONDUIT IN EXPOSED AREAS SUCH AS GYMNASIUMS, MECH/ELECT, BOILER ROOMS, EXTERIOR, ETC. ELSEWHERE, CONDUIT WILL BE INSTALLED IN WALLS FROM DEVICE LOCATIONS STUBBED TO ABOVE ACCESSIBLE CEILING WITH FPLP CABLE AND SUPPORTS PER NEC 760.
3. PROVIDE VISUAL NOTIFICATION DEVICES ("STROBES") IN ALL RESTROOMS, CLASSROOMS, AND ALL PUBLIC AND COMMON SPACES PER NFPA AND ADA. (COMBINE WITH AUDIO NOTIFICATION DEVICES WHERE SHOWN).
4. PROVIDE AUDIO NOTIFICATION DEVICES ("SPEAKERS") THROUGHOUT TO PROVIDE AUDIBLE NOTIFICATION PER NFPA AND ADA REQUIREMENTS. RE-ENTRANT HORNS WILL SHALL BE INSTALLED AT ENTRANCE/EXIT LOCATIONS.
5. SMOKE DETECTORS SHALL BE INSTALLED IN UNOCCUPIED AREAS, SUCH AS STORAGE, TELECOM AND ELECTRICAL CLOSETS WITH HEAT DETECTORS INSTALLED IN JANITOR CLOSETS AND MECHANICAL ROOMS. SMOKE DETECTORS SHALL BE MOUNTED AT LEAST 3'-0" OF UNIT CONTROL). "CO" INDICATES COMBINATION SMOKE AND CARBON MONOXIDE TYPE DETECTOR.
6. PROVIDE DUCT SMOKE DETECTORS PER NFPA 90A, INTERNATIONAL BUILDING AND MECHANICAL CODES WITH ALL INTERLOCK RELAYS FOR FAN SHUTDOWN UPON SMOKE DETECTION. (ONE RELAY FOR EACH HVAC UNIT SHOWN WITH DUCT DETECTOR - MOUNTED WITHIN 3'-0" OF UNIT CONTROL).
7. PROVIDE ALL MANUAL PULL STATIONS AT ALL EXITS AND LOCATIONS/SPACING PER NFPA REQUIREMENTS.
8. PROVIDE ALL INTERLOCK RELAYS TO RELEASE DOORS AND SECURITY LOCKS/POWER SUPPLIES UPON ALARM.
9. CONNECT ALL FIRE SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES TO THE FIRE ALARM SYSTEM FOR MONITORING.
10. ALL 120V POWER CIRCUITS FOR THE FIRE ALARM SYSTEM SHALL BE DEDICATED AND MARKED AS SUCH IN THE PANEL. PROVIDE "LOCK-ON" HANDLE FOR BREAKER(S).
11. PROVIDE WIREMOLD RACEWAY & BOXES EQUAL TO WIREMOLD V2000 SERIES IN EXISTING BUILDING WHERE CONDUIT CANNOT BE CONCEALED, SUCH AS IN BLOCK, BRICK AND CONCRETE WALLS.
12. CONTRACTOR SHALL REMOVE DEVICES AS SHOWN ON PLANS AND RE-USE/ABANDON EXISTING CONDUITS. PROVIDE A BLANK COVER-PLATE FOR WALL DEVICES. (ALL UNUSED WIRING SHALL BE REMOVED).
13. ANY NEW DEVICES SHALL MATCH EXISTING TYPE/MANUFACTURER.

3 E4.1 FIRE ALARM SCOPE OF WORK
NOT TO SCALE

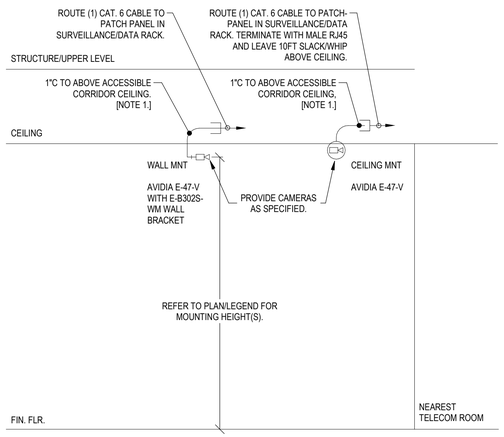


TYP. STOREFRONT/EXTERIOR DOORS

GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ANY CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. PROVIDE ALL CONDUIT, BACK-BOXES AND 120V POWER AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE ALL REQUIREMENTS AND LOCATIONS WITH DIVISION 8 HARDWARE AND CONSTRUCTION MANAGER, PRIOR TO BEGINNING WORK.
3. PROVIDE ALL CABLING AS REQUIRED TO FORM A COMPLETE AND OPERATIONAL SYSTEM. REFER TO DIVISION 27 FOR ADDITIONAL CABLING REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS.
4. PROVIDE ALL EQUIPMENT & ACCESS CONTROLLERS/SYSTEMS AS REQUIRED AND SPECIFIED TO MATCH EXISTING KANTECH KT-1 SYSTEMS ON SITE. PROVIDE ALL LICENSING REQUIRED FOR SYSTEM TO REGISTER HARDWARE LOCKS/DEVICES.
5. PROVIDE WIEGAND/HID CARD READER WITH FINISH SHALL BE SELECTED BY ARCHITECT.

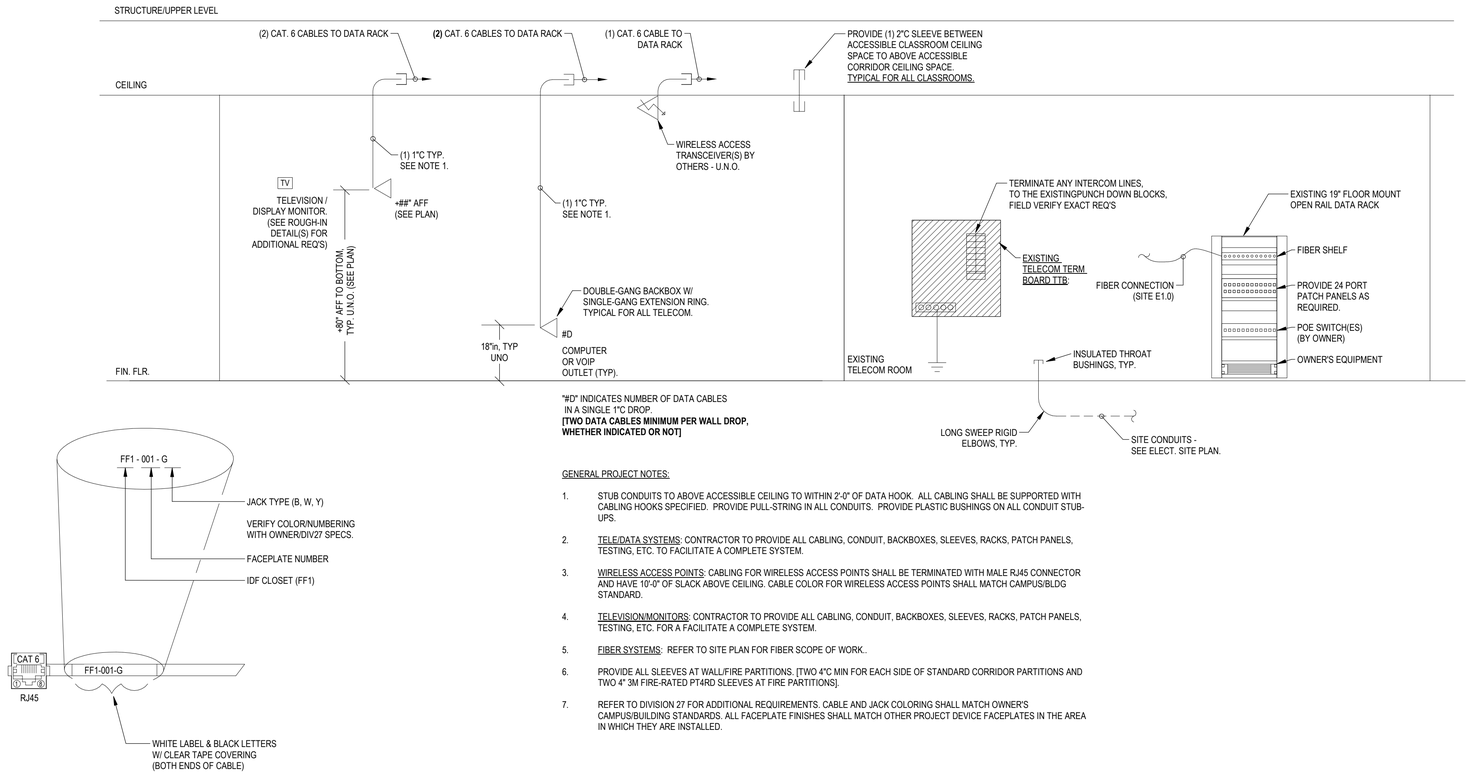
5 E4.1 RISER DIAGRAM - ACCESS CONTROL
NOT TO SCALE



GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ANY CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. PROVIDE ALL CONDUIT, BACK-BOXES AND 120V POWER AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE ALL REQUIREMENTS AND LOCATIONS WITH CONSTRUCTION MANAGER/GENERAL CONTRACTOR PRIOR TO BEGINNING WORK.
3. PROVIDE ALL CABLING AS REQUIRED TO FORM A COMPLETE AND OPERATIONAL SYSTEM. REFER TO DIVISION 27 FOR ADDITIONAL CABLING REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. ALL FACEPLATE FINISHES SHALL MATCH OTHER PROJECT DEVICE FACEPLATES IN THE ARE IN WHICH THEY ARE INSTALLED.
4. PROVIDE ALL EQUIPMENT/VIDEO MANAGEMENT AS REQUIRED TO MATCH EXISTING SYSTEM. PROVIDE ALL LICENSING REQUIRED FOR SYSTEM AND DEVICES.

2 E4.1 RISER DIAGRAM - VIDEO SURVEILLANCE
NOT TO SCALE



"#D" INDICATES NUMBER OF DATA CABLES IN A SINGLE 1"C DROP.
[TWO DATA CABLES MINIMUM PER WALL DROP, WHETHER INDICATED OR NOT]

GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. TELE/DATA SYSTEMS: CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACKBOXES, SLEEVES, RACKS, PATCH PANELS, TESTING, ETC. TO FACILITATE A COMPLETE SYSTEM.
3. WIRELESS ACCESS POINTS: CABLING FOR WIRELESS ACCESS POINTS SHALL BE TERMINATED WITH MALE RJ45 CONNECTOR AND HAVE 10'-0" OF SLACK ABOVE CEILING. CABLE COLOR FOR WIRELESS ACCESS POINTS SHALL MATCH CAMPUS/BLDG STANDARD.
4. TELEVISION/MONITORS: CONTRACTOR TO PROVIDE ALL CABLING, CONDUIT, BACKBOXES, SLEEVES, RACKS, PATCH PANELS, TESTING, ETC. FOR A FACILITATE A COMPLETE SYSTEM.
5. FIBER SYSTEMS: REFER TO SITE PLAN FOR FIBER SCOPE OF WORK..
6. PROVIDE ALL SLEEVES AT WALL/FIRE PARTITIONS. [TWO 4"C MIN FOR EACH SIDE OF STANDARD CORRIDOR PARTITIONS AND TWO 4" 3M FIRE-RATED PT4RD SLEEVES AT FIRE PARTITIONS].
7. REFER TO DIVISION 27 FOR ADDITIONAL REQUIREMENTS. CABLE AND JACK COLORING SHALL MATCH OWNER'S CAMPUS/BUILDING STANDARDS. ALL FACEPLATE FINISHES SHALL MATCH OTHER PROJECT DEVICE FACEPLATES IN THE AREA IN WHICH THEY ARE INSTALLED.

4 E4.1 RISER DIAGRAM - TELECOM
NOT TO SCALE

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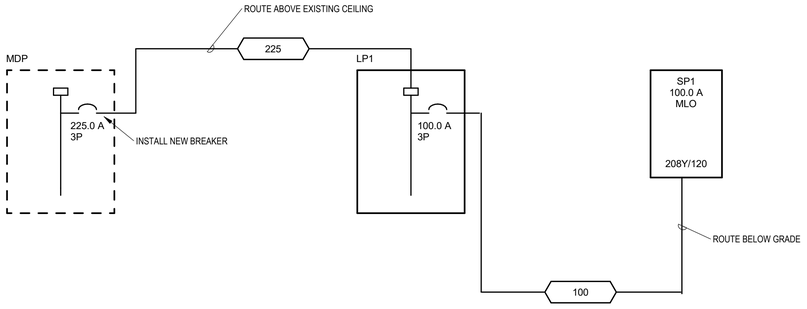
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SCOTT P. WOODWARD

DATE: 2026 09-14
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DRAWN BY: SPW
REV:

E4.1



FEEDER SCHEDULE		
100	CU	1-1/2"C, 3#1, #1N, #8G
225	CU	2-1/2"C, 3-4/0, 4/0N, #4G
*ALT 225	XHHW-2	3"C, 3#300kcmil, #300kcmil N, #2G
*CONTRACTOR MAY PROVIDE ALUMINUM FEEDER FOR LP1		

PANELBOARD: LP1

LOCATION: JANITOR 153 **VOLTAGE:** 208Y/120 V. 3 φ 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 22,000 AMPS SYMMETRICAL
MAIN DEVICE: 225.0 A MLO **SPECIAL:**
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
RCPT CLASSROOM 143	20 A	1	1	0.7	1.1					2	1	20 A	RCPT CLASSROOM 143
RCPT CLASSROOM 143	20 A	1	3			0.4	0.7			4	1	20 A	RCPT CLASSROOM 144
RCPT CLASSROOM 144	20 A	1	5					1.1	0.4	6	1	20 A	RCPT CLASSROOM 144
RCPT CLASSROOM 145	20 A	1	7	0.4	0.7					8	1	20 A	RCPT CLASSROOM 145
RCPT CLASSROOM 145	20 A	1	9			1.1	0.9			10	1	20 A	RCPT CORRIDOR
ACCESS PS	20 A	1	11					0.0	0.5	12	1	20 A	RCPT EXT
EWC GFCI	20 A	1	13	0.0	0.5					14	1	20 A	RCPT TLTS
CIRC PUMP EXH FAN	20 A	1	15			0.2	1.5			16	2	20 A	EWH-1
CU-1	30 A	2	17					1.5	1.5	18			
			19	1.5	1.5					20			
CU-3	30 A	2	21			1.5	1.5			22	2	30 A	CU-2
			23					1.5	1.5	24			
DSCU-3	20 A	2	25	1.5	1.5					26	2	20 A	DSCU-2
			27			1.5	1.5			28			
EH-2	20 A	2	29					1.5	1.5	30			EH-1
			31	1.5	1.2					32	1	20 A	FURNACE 149
FURNACE 150	20 A	1	33			1.2	1.2			34	1	20 A	FURNACE 151
LITES Room 144, 145	20 A	1	35					1.0	0.8	36	1	20 A	LITES Room 352, 148, 147...
LITES CLASSROOM 143	20 A	1	37	0.5	0.0					38	1	20 A	SPARE
SPARE	20 A	1	39			0.0	0.0			40	1	20 A	SPARE
SPARE	20 A	1	41					0.0	0.0	42	1	20 A	SPARE
SPARE	20 A	1	43	0.0	0.0					44	1	20 A	SPARE
SPARE	20 A	1	45			0.0	0.0			46	1	20 A	SPARE
SPARE	20 A	1	47					0.0	0.0	48	1	20 A	SPARE
			49	5.2	6.7					50			
SP1	100 A	3	51			5.4	6.7			52	3	150 A	POAU-1 (SUB-FEED)
			53					0.9	6.7	54			
	TOTAL LOAD:			24 kVA		25 kVA		20 kVA					
	TOTAL AMPS:			209 A		214.9 A		170 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	19900 VA	100.00%	19900 VA		
Other	0 VA	0.00%	0 VA	CONNECTED LOAD:	69951 VA
RCPT	11160 VA	94.80%	10580 VA	ESTIMATED DEMAND:	70069 VA
LITES	2792 VA	125.00%	3490 VA	CONNECTED CURRENT:	194.2 A
SPEC	30068 VA	100.00%	30068 VA	EST. DEMAND CURRENT:	194.5 A
HEAT	6000 VA	100.00%	6000 VA		
Lighting	70 VA	100.00%	70 VA		

NOTES:
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PANELBOARD: SP1

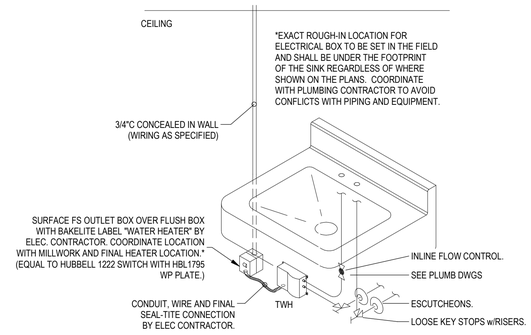
LOCATION: UTILITY 152 **VOLTAGE:** 208Y/120 V. 3 φ 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 100.0 A MAIN CB **SPECIAL:**
BUS AMPS: 100 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
DSCU-1	35 A	2	1	2.5	0.7					2	1	20 A	RCPT SAFE ROOM 142
			3			2.5	1.1			4	1	20 A	RCPT SAFE ROOM 142
RCPT SAFE ROOM 142	20 A	1	5					0.4	0.5	6	1	20 A	RCPT Room 142, 152, 154
TWH-1	20 A	2	7	1.5	0.5					8	1	20 A	LTS Room 142, 154, 152
			9			1.5	0.4			10	1	20 A	LOUVER SAFE ROOM 142
PS SAFE ROOM 142	20 A	1	11					0.0	0.0	12	1	20 A	SPARE
SPARE	20 A	1	13	0.0	0.0					14	1	20 A	SPARE
SPARE	20 A	1	15			0.0	0.0			16	1	20 A	SPARE
SPARE	20 A	1	17					0.0	0.0	18	1	20 A	SPARE
SPARE	20 A	1	19	0.0	0.0					20	1	20 A	SPARE
SPARE	20 A	1	21			0.0	0.0			22	1	20 A	SPARE
SPARE	20 A	1	23					0.0	0.0	24	1	20 A	SPARE
SPARE	20 A	1	25	0.0	0.0					26	1	20 A	SPARE
SPARE	20 A	1	27			0.0	0.0			28	1	20 A	SPARE
SPARE	20 A	1	29					0.0	0.0	30	1	20 A	SPARE
	TOTAL LOAD:			5 kVA		5 kVA		1 kVA					
	TOTAL AMPS:			49 A		50.4 A		8 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	4900 VA	100.00%	4900 VA		
Other	0 VA	0.00%	0 VA	CONNECTED LOAD:	11483 VA
RCPT	2700 VA	100.00%	2700 VA	ESTIMATED DEMAND:	11610 VA
LITES	507 VA	125.00%	634 VA	CONNECTED CURRENT:	31.9 A
SPEC	3360 VA	100.00%	3360 VA	EST. DEMAND CURRENT:	32.2 A
Lighting	35 VA	100.00%	35 VA		

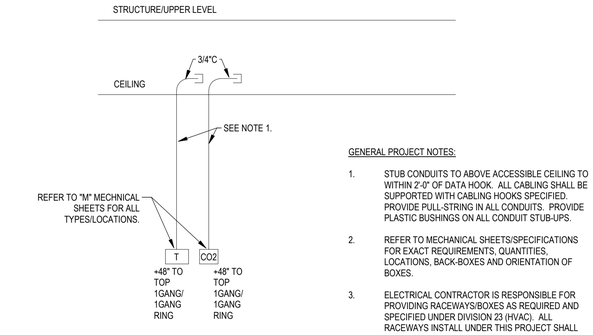
NOTES:
SQUARE D NQOD

2 E5.1 ONE-LINE
NOT TO SCALE



NOTE:
WALL MOUNTED LAVATORY SHOWN.
INSTALLATION IS TYPICAL FOR ALL TANKLESS WATER HEATER LOCATIONS.

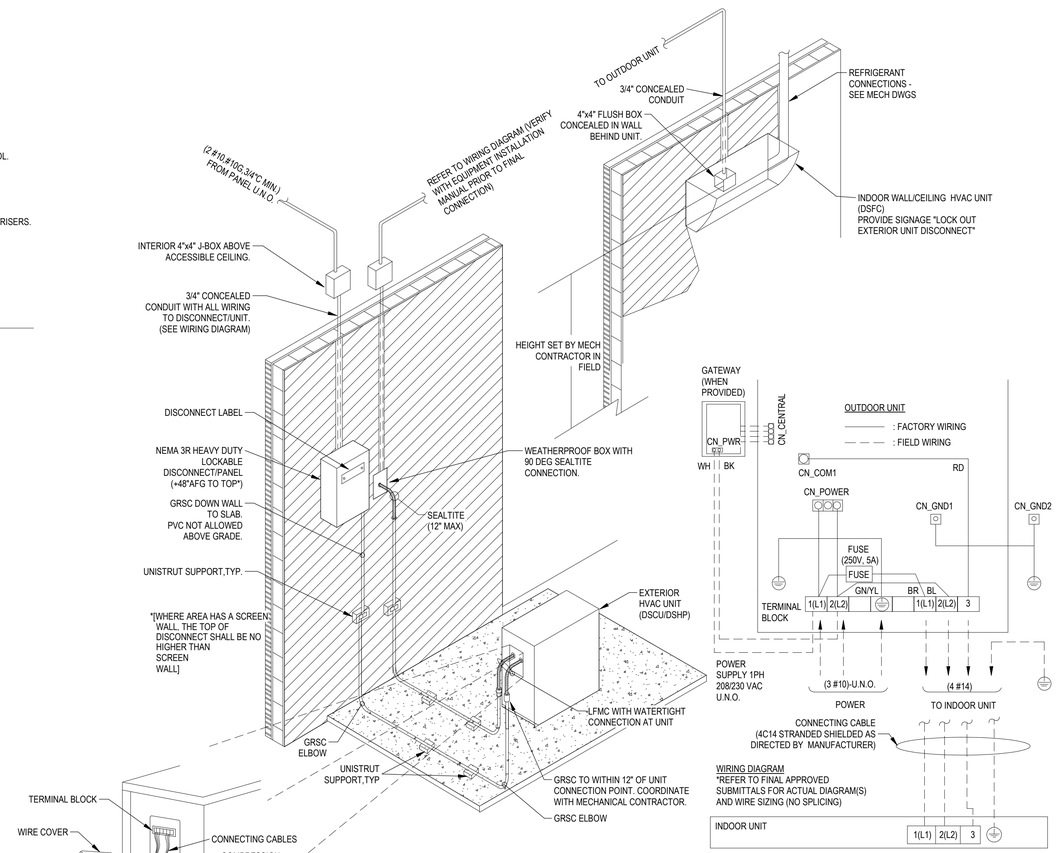
4 E5.1 TWH CONNECTION
NOT TO SCALE



GENERAL PROJECT NOTES:

1. STUB CONDUITS TO ABOVE ACCESSIBLE CEILING TO WITHIN 2'-0" OF DATA HOOK. ALL CABLING SHALL BE SUPPORTED WITH CABLING HOOKS SPECIFIED. PROVIDE PULL-STRING IN ALL CONDUITS. PROVIDE PLASTIC BUSHINGS ON ALL CONDUIT STUB-UPS.
2. REFER TO MECHANICAL SHEETS/SPECIFICATIONS FOR EXACT REQUIREMENTS, QUANTITIES, LOCATIONS, BACK-BOXES AND ORIENTATION OF BOXES.
3. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING RACEWAYS/BOXES AS REQUIRED AND SPECIFIED UNDER DIVISION 23 (HVAC). ALL RACEWAYS INSTALL UNDER THIS PROJECT SHALL MEET THE INSTALLATION/TYPE REQUIREMENTS LISTED UNDER DIVISION 26.

3 E5.1 HVAC CONTROL RISER & NOTES
NOT TO SCALE



NOTES:
1. NO WIRE SHOULD BE ALLOWED TO TOUCH THE REFRIGERANT TUBING, COMPRESSOR OR ANY MOVING PARTS.
2. DISCONNECTING MEANS MUST BE PROVIDED AND SHALL BE LOCATED WITHIN SIGHT AND READILY ACCESSIBLE FROM AIR CONDITIONER.
3. CONNECTING CABLE WITH CONDUIT SHALL BE ROUTED THROUGH HOLE IN THE CONDUIT PANEL.
4. AN APPROVED AND LISTED FITTING MUST BE USED TO SECURELY AFFIX CONDUIT IN ACCORDANCE WITH NEC AND LOCAL CODES.

1 E5.1 MINI-SPLIT HVAC CONNECTION
NOT TO SCALE

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JR. HIGH SCHOOL
STUTTGART SCHOOL DISTRICT
STUTTGART, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

ARKANSAS REGISTERED PROFESSIONAL ENGINEER
No. 11659
9/14/26
SCOTT P. WOODWARD

DATE: 2026 09-14
PROJECT NO: 26015
DRAWN BY: SPW
REV:

E5.1

ELECTRICAL GENERAL NOTES

1. DUE TO THE SMALL SCALE OF THE PLANS AND THE DIAGRAMMATIC NATURE OF ELECTRICAL PLANS IN GENERAL IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, JUNCTION BOXES, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING HIS WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.

2. PROVIDE LAMINATED NAMEPLATES ON ALL ELECTRICAL GEAR PER THE SPECIFICATIONS. SCREW OR POP RIVET TO COVERS. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY, NON-FUSED, 240V OR 600V, SOLID NEUTRAL, NEMA 3R AS APPLIES UNLESS NOTED OTHERWISE.

3. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS NOTED OTHERWISE. SLEEVE ALL RACEWAYS ROUTED THRU FOOTINGS OR GRADE BEAMS. CONTRACTOR SHALL FIRESTOP PER SPECIFICATIONS ALL CONDUIT PENETRATIONS THRU RATED WALLS. VERIFY FIRE RATED WALL LOCATIONS WITH ARCHITECTURAL PLANS. CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR AND AVOID ANY WATER CARRYING PIPE INSTALLATION ABOVE ELECTRICAL GEAR AND/OR APPARATUS. SET SCREW AND INDENTER TYPE CONDUIT FITTINGS ARE NOT ALLOWED. ALL INTERIOR EXPOSED RACEWAY SHALL BE PAINTED AS DIRECTED BY ARCHITECT.

4. ALL CONDUIT, JUNCTION AND OUTLET BOXES, AND RELATED ROUGH-IN MATERIAL ARE TO BE CONCEALED UNDER FLOORS, IN WALLS AND ABOVE FINISHED CEILINGS WHERE POSSIBLE UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS OR ON THE DRAWINGS. ALL CONDUIT SHALL BE ROUTED OVERHEAD UNLESS NOTED OTHERWISE OR SHOWN AS BELOW GRADE TO A DEVICE.

5. ALL CONDUCTORS SHALL BE COPPER WITH A MINIMUM SIZE CONDUCTOR OF #12 A.W.G. PROVIDE SOLID TYPE 'THW' OR 'THHN' FOR #12 A.W.G. AND #10 A.W.G. ALL FEEDER AND MOTOR/EQUIPMENT CONDUCTORS SHALL BE COPPER TYPE 'THHN' OR 'THWN'.

6. ALL EQUIPMENT SHALL BE BRACED FOR EARTHQUAKE. LIGHT FIXTURES TO HAVE EARTHQUAKE CLIPS AND INDEPENDENT SUPPORT WIRES AT OPPOSITE CORNERS. ALL CEILING MOUNTED EQUIPMENT SUCH AS LIGHT FIXTURES SHALL BE SECURED TO THE STRUCTURE WITH #12 GA STEEL WIRE ON TWO(2) SIDES. IN ADDITION, LIGHT FIXTURES SHALL BE SECURED TO THE CEILING WITH FACTORY UL LISTED EARTHQUAKE CLIPS.

7. AT LOCATIONS WHERE TRENCHES ARE BELOW BOTTOM OF FOOTING ELEVATION AND WITHIN SIX FEET OF THE EDGE OF THE FOOTING, TRENCHES SHALL BE BACKFILLED IN LIFTS, COMPACTED AND TESTED. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION NOTES FOR BACKFILL PROCEDURES. PROVIDE PULLSTRINGS FOR ALL CONDUIT STUBS/SLEEVES

8. PROVIDE A MIN. OF (2) 4"C ON BOTH SIDES OF CORRIDOR PARTITIONS. PROVIDE (2) 3M# PT4RD FIRE-RATED SEALS AT FIRE-RATED PARTITIONS. PROVIDE SPEC-SEAL FIRESTOP PILLOWS IN ALL OTHER SLEEVES AND PENETRATIONS AT FIRE-RATED WALLS.

9. ALL CIRCUITS, LIGHTING AND POWER, SHALL HAVE DEDICATED NEUTRAL CONDUCTORS WITH ONE PER EACH HOT CONDUCTOR-(NO SHARING OF NEUTRALS). ONLY 3 "HOT" CIRCUITS ALLOWED PER HOMERUN - U.N.O.

10. ALL OF THE FOLLOWING RECEPTACLES SHALL BE GFCI TYPE:
    a.) RECEPTACLES/BREAKERS FOR ELECTRIC WATER COOLERS.
    b.) RECEPTACLES IN BATHROOMS/LOCKERS OR WITHIN 6'-0 OF A SINK.
    c.) NEMA 5-20R RECEPTACLES FOR A KITCHEN OR CONCESSION AREA.
    d.) EXTERIOR RECEPTACLES SHALL BE GFCI AND WEATHER RESISTANT "WR" TYPE.
    Note: FEED THROUGH PROTECTION OF GFCI OUTLETS ARE NOT ALLOWED.

11. MOUNT EXTERIOR DISCONNECTS FOR HVAC/MECHANICAL EQUIPMENT AT +48"A.F.G. TO TOP OF DISCONNECT OR, WHERE APPLICABLE, TOP OF DISCONNECT AT TOP OF ADJACENT SURROUNDING SCREEN WALL; WHICHEVER IS LOWER COORDINATE LOCATIONS OF ALL DISCONNECTS WITH FINAL EQUIPMENT LOCATIONS PRIOR TO BEGINNING WORK AS NOT TO IMPEDE ANY EQUIPMENT ACCESS OR VIOLATE ANY NEC CLEARANCES REQUIREMENTS.

12. THE FINAL TYPEWRITTEN ELECTRICAL PANEL SCHEDULES SHALL REFLECT THE ACTUAL ROOM DESCRIPTIONS AND NUMBERS DEPICTED ON FINAL INSTALLED ROOM SIGNAGE. (FIELD VERIFY FOR ACCURACY).

13. LOW-VOLTAGE, AUDIO/VISUAL AND INTERACTIVE DISPLAY BOARD CONDUITS ARE SIZED IN ACCORDANCE WITH VENDORS INSTALLING/UTILIZING "RAPIDRUN" OR "EZ-PULL" TYPE CABLES TO EQUIPMENT. CONTRACTORS PROVIDING AUDIO/VISUAL CABLING UNDER THIS PROJECT/CONTRACT SHALL UTILIZE THESE TYPES OF CABLES.

14. LIGHT FIXTURES SUBMITTED/PROVIDED SHALL MEET THE REQUIREMENTS OF THE DESIGNLIGHTS CONSORTIUM AND/OR BE ENERGYSTAR CERTIFIED.

15. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SUBMITTING ALL POWER PACKS, RELAYS, SENSORS, CABLING, ETC AS REQUIRED TO PROVIDE COMPLETE AND OPERATIONAL OCCUPANCY CONTROLS IN COMPLIANCE WITH THE LATEST ENERGY CODES.

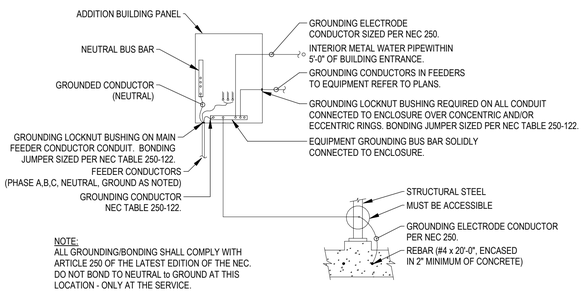
16. ALL CONDUITS ENTERING THE BUILDING FROM BELOW GRADE SHALL BE SEALED OFF FROM WATER INFILTRATION WITH CONDUIT SEALANT SYSTEM EQUAL TO POLY-WATER FST SYSTEM. ALL EMPTY STUBBED UP CONDUITS SHALL ALSO BE PROVIDED WITH THREADED CAP FOR COVER.

17. PROVIDE HANDLE-LOCK-OFF TYPE BREAKERS FOR ALL CIRCUITS FEEDING ELECTRIC RESISTIVE HEATERS (EH-#, CH-#, EDH-# FOR EXAMPLE).

18. PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES IN ALL LOCATIONS AS REQUIRED BY NEC 406.12

TAMPER RESISTANT:
ALL 120V 5-20R RECEPTACLES FOR THIS FACILITY SHALL BE LISTED AS TAMPER-RESISTANT TYPE WITH EXCEPTION OF THE FOLLOWING: (SEE NEC NFPA 70 406)

- OUTLETS HIGHER THAN 5-1/2 FT A.F.F.
- OUTLETS THAT ARE PART OF A LUMINAIRE/APPLIANCE.
- OUTLETS FOR TWO APPLIANCES LOCATED WITHIN DEDICATED SPACE FOR EACH APPLIANCE WHERE APPLIANCE IS NOT EASILY MOVED.
- OUTLETS LOCATED IN TELECOM AND/OR ELECT ROOMS.
- OUTLETS LOCATED IN JANITOR AND MECHANICAL SPACES.
- OUTLETS LOCATED ON ROOF.



NOTE:
ALL GROUNDING/BONDING SHALL COMPLY WITH ARTICLE 250 OF THE LATEST EDITION OF THE NEC. DO NOT BOND TO NEUTRAL to GROUND AT THIS LOCATION - ONLY AT THE SERVICE.

4 / E6.1 SUPPLEMENTAL GROUND
NOT TO SCALE

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	LIGHT FIXTURE - REFER TO SCHEDULE, TYPICAL
	INDICATES EMERGENCY EGRESS FIXTURE ["EM"]
	LIGHT STRIP/COVE FIXTURE - REFER TO SCHEDULE
	CEILING MOUNTED LIGHT FIXTURE - REFER TO SCHEDULE
	WALL MOUNTED LIGHT FIXTURE - REFER TO SCHEDULE
	EXIT LIGHT - CHEVRONS AS NOTED (BRACKET INDICATES WALL MOUNT)
	EMERGENCY BATTERY LIGHT (TYPE DENOTED)
	CEILING FAN WITH T-BAR SUPPORT (REFER TO DETAIL/SCHEDULE)
	POLE/WALL MOUNTED LIGHT (TYPE DENOTED)
	TRACK AND TRACK LIGHT (TYPES DENOTED)
	LIGHTING CHANNEL WIRE (TYPE DENOTED)
OS	OCCUPANCY SENSOR - CEILING MOUNT 360DEG DUAL TECH TYPE
OS	OCC SENSOR - CEILING MOUNT CORRIDOR ULTRASONIC TYPE (AIM DOWN CORRIDOR)
OS	OCC SENSOR - CEILING MOUNT 360DEG DUAL-TECHNOLOGY TYPE
OS	OCCUPANCY SENSOR - DIRECTIONAL DUAL-TECHNOLOGY TYPE
OS	OCC SENSOR - WALL MOUNT +8'-0"AFF UNO - SEE DETAIL
$OS	OCC SENSOR - FLUSH WALL SWITCH @ +48"AFF TO TOP OF SWITCH
LS	LIGHT LEVEL SENSOR - TYPE DENOTED
	PHOTOCELL "PEC"
$T	DIGITAL TIMER SWITCH - FLUSH MOUNT @ +48"AFF TO TOP OF SWITCH
$	SWITCH - SINGLE POLE, 4'-0" A.F.F.
$2	TWO-POLE TOGGLE DISC. SWITCH-MTD AS NOTED
$3	SWITCH - THREE WAY, 4'-0" A.F.F.
$4	SWITCH - FOUR WAY, 4'-0" A.F.F.
$a $b $c	a,b,c INDICATES ZONE CONTROLLED, TYP.
$D	DIMMER - 4'-0" A.F.F. - TYPE AS NOTED/REQUIRED BY MANU' OF FIXTURE BEING CONTROLLED - SUBMIT WITH LIGHTING PACKAGE.
$LV	LOW VOLTAGE SWITCH - TYPE AS NOTED/SPECIFIED MOUNT BACKBOX AS REQ'D AT 4'-0" A.F.F. TO TOPWITH 3/4"C MIN. TO ABOVE ACCESSIBLE CEILING. [LVM - INDICATES "MASTER]
$K	INDICATES KEYED SWITCH
$F	VARIABLE SPEED CONTROLLER FOR CEILING FAN - 4'-0" A.F.F. REFER TO CEILING FAN SPECIFICATION FOR MODEL NUMBER.
	SW. W/PILOT
R	LIGHTING RELAY / LOW VOLTAGE CONTROL PACK
	HEIGHT: [+48"AFF, IN REGARDS TO ALL LIGHTING SWITCHES, IS TO THE TOP OF BOX]

SYMBOL	DESCRIPTION
	RECEPTACLE, TAMPER-RESISTANT DUPLEX - 18" A.F.F. UNO
	RECEPT ON EMERGENCY CKT (DUPLEX SHOWN)
	RECEPTACLE, DUPLEX "SPLIT-WIRED" AT 18"A.F.F. - U.N.O.
	ISOLATED GROUND RECEPT (DUPLEX SHOWN)
	RECEPTACLE, DUPLEX - CEILING FLUSH MOUNT. PROVIDE 6FT WHIP FROM J-BOX ABOVE CEILING TO RECEPTACLE LOCATION.
	SPECIAL PURPOSE OUTLET
	CONDUIT COUPLING - CONNECT TO EQUIPMENT AS REQUIRED.
	INDICATES ABOVE COUNTER [TYPICALLY, +6" TO BOTTOM OF BOX FROM COUNTERTOP HEIGHT - U.N.O.]
	RECEPTACLE (DOUBLE DUPLEX) - 18" A.F.F. - U.N.O.
	SPECIAL RECEPTACLE, NEMA STYLE AS NOTED - VERIFY SIZE WITH EQUIPMENT [TYPICALLY, +18" AFF - U.N.O.]
	DUPLEX/QUAD RECPT IN FLUSH MOUNTED FLOORBOX, SEE PLANS FOR COORD WITH SYSTEMS FLOOR BOX(ES) [MULTI-GANG WALKER RFB6-OG SERIES - U.N.O.]
	RECEPT ON DROP CORD (DUPLEX SHOWN)
	RECEPT ON CORD REEL (DUPLEX SHOWN)
	240 VOLT RECEPT (TYPE AS NOTED)
	HEIGHT: [+18", IN REGARDS TO RECEPTACLES, IS TO THE CENTERLINE OF BOX]
$M	MANUAL MOTOR STARTER, SQUARE 'D' TYPE FG w/ OVERLOAD PROTECTION IN ALL PHASES. MOUNT AT 4'-0" A.F.F. TO TOP AND MARK WITH BAKELITE LABEL AS DETAILED.
	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH W/HOA SWITCH, RUN PILOT LIGHT AND AUX. CONTACTS
	FUSED DISCONNECT - w/GROUNDING LUG, SIZE/FUSE AS NOTED ON PLANS
	DISCONNECT SWITCH - w/GROUNDING LUG, SIZE AS NOTED ON PLANS
	ENCLOSED CIRCUIT BREAKER
	ELECTRIC ELEMENT - SIZE AS NOTED (MAKE ALL FINAL CONNECTIONS)
	EQUIPMENT - SIZE AS NOTED ON PLANS (MAKE ALL FINAL CONNECTIONS)
	MOTOR - SIZE AS NOTED ON PLANS (MAKE ALL FINAL CONNECTIONS)
	SURFACE MOUNTED PANEL BOARD
	FLUSH MOUNTED PANEL BOARD
	PUSHBUTTON - TYPE AS INDICATED ON PLANS.
	METER SOCKET - AS REQ'D BY UTILITY
	GROUND ROD
	GROUND ROD (PLAN VIEW)
	ANTENNA
	POWER POLE
T	TELEPHONE PEDESTAL
	LIGHTNING PROTECTION AIR TERMINAL

SYMBOL	DESCRIPTION
F	INTERIOR: FIRE ALARM HORN/SPKR - MTD. AT 80" A.F.F. TO BOTTOM - U.N.O. EXTERIOR: RE-ENTRANT HORN/SPKR - 24" BELOW ROOF LINE, U.N.O. (11'-6" MAX. HGT.).
F	FIRE ALARM, STROBE ONLY, 80" A.F.F.
F	FIRE ALARM, SPKR / STROBE COMBINATION, 80" A.F.F.
F	FIRE ALARM STATION - PULL STATION, 4'-0" A.F.F.
TS /	WATER SUPERVISORY TAMPER SWITCH
DH /	MAGNETIC DOOR HOLD OPEN - TYPE AS NOTED IN FIRE ALARM GENERAL NOTES/SPECIFICATIONS.
S or SD	SD - SMOKE DETECTOR - AUTOMATIC, ADDRESSABLE, CEILING MOUNTED
	HD - HEAT DETECTOR - AUTOMATIC, ADDRESSABLE, CEILING MOUNTED
S	'DSD' DENOTES DUCT SMOKE DETECTOR (SUP=SUPPLY/RET=RETURN)
F	FIRE ALARM, STROBE ONLY, CEILING MOUNT FA NOTES: "cd"= CANDELA RATING
FA	FA, CEILING SPKR / STROBE COMBINATION
F / FA	FA, CEILING SPEAKER ONLY
FS /	WATER SUPERVISORY FLOW SWITCH
	REMOTE TEST/STATUS STATION
FR /	INDICATES FA ADDRESSABLE RELAY
	HEIGHT: [+48", IN REGARDS TO FIRE ALARM, IS TO THE TOP OF BOX] [+80", IN REGARDS TO FIRE ALARM, IS TO THE BOTTOM OF BOX]
	CATV COAX OUTLET - MOUNT AT HEIGHT NOTED (F-CONNECTOR)
	VOICE/TELEPHONE JACK OUTLET @ 18" A.F.F.
	DATA/COMPUTER JACK OUTLET @ 18" A.F.F.
	COMPUTER/TELE. COMBO OUTLET @ 18" A.F.F.
	WIRELESS ACCESS POINT - CEILING
	FLUSH MOUNTED FLOOR BOX, SEE PLANS FOR COORD WITH POWER FLOOR BOX(ES) TELE/DATA OR COMBO AS INDICATED (MULTI-GANG WALKER RFB6-OG - U.N.O.)
TV	COMBINATION RECEPTACLE AND LOW-VOLTAGE "AV" CABLING IN MULTI-GANG BOX MOUNT AT HEIGHT NOTED/DETAILED ON RISER
	TELECOM TERMINAL BOARD: 4'FTx8'FTx3/4" FIRE-RATED PLYWOOD - U.N.O.
	CABLE TRAY - TYPE AND MOUNTING AS DETAILED
	HEIGHT:[IN REGARDS TO TELECOM, MATCH RECEPTACLE HEIGHTS: +18"AFF / "AC" IS +6" COUNTERTOP]

SYMBOL	DESCRIPTION
	BELL - MTD. AT 12" BELOW CEILING INTERIOR, 24" BELOW ROOFLINE EXTERIOR(11'-6" MAX. HGT.).
	DOOR BUZZER
	DIGITAL CLOCK-MTD. AT 12" BELOW CEILING INTERIOR, (11'-6" MAX. HGT.) PROVIDE DOUBLE-FACE U.N.O. / "(S") INDICATES SINGLE-FACE
I / IC	INTERCOM CALL-SWITCH, 4'-0" A.F.F. TO TOP OF BOX
IC	INTERCOM TWO-WAY TELEPHONE HANDSET. MOUNT 4'-0" A.F.F. TO TOP OF BOX WHERE SHOWN AS WALL-MOUNT. ("ADMIN" INDICATES ADMINISTRATIVE TELEPHONE)
S / S	SPEAKER - CEILING MOUNTED 8" ROUND / 2x2 AS SPEC'D INTERCOMPAGING U.N.O. [RN INDICATES SOUND REINFORCE, FA - FIRE, AV- AUDIO/VISUAL]
S	SPEAKER - WALL MOUNTED 12" BELOW CEILING INTERIOR, (11'-6" MAX. HGT.) ARCHITECTURAL GRADE
S	LOUDSPEAKER/HORN - MOUNT AT HEIGHT NOTED (11'-6" MAX UNO)
	VOLUME CONTROL
MIC / M	MICROPHONE OUTLET
	HEIGHT: [+48", IN REGARDS TO INTERCOM, IS TO THE TOP OF BOX]
K /	KEYPAD - INTRUS.
D / MC	MAGNETIC CONTACT(SECURITY)
EM	ELECTROMAGNETIC LOCK - ACCESS CONTROL
PIR	PIR SENSOR FOR DOOR RELEASE
PS	SECURITY/DOOR POWER SUPPLY
PH	ELECT POWER TRANSFER HINGE
PANIC	PANIC HARDWARE DOOR RELEASE
CR	CARD READER - ACCESS
EX	EXIT REQUEST BUTTON - ACCESS CONTROL
RC	READER CONTROLLER
PB	DOOR RELEASE PB / TWO-WAY INTERCOM
MD / GB	MOTION DETECTOR / GLASS BREAK
ES	ELECTRIC DOOR STRIKE /
EL	ELECTRIC LATCH
	CEILING CAMERA - CCTV
	WALL CAMERA - CCTV
	HEIGHT: [IN REGARDS TO SECURITY, +48"AFF IS TO TOP OF BOX - UNO]

SYMBOL	DESCRIPTION
TS / T	THERMOSTAT/TEMP SENSOR - PROVIDE BOX AS REQ'D BY MECHANICAL AT 4'-0" A.F.F. TO TOP WITH 34°C MIN. TO ABOVE ACCESSIBLE CEILING. [SEE MECH PLANS FOR LOCATIONS]
	MULTIOUTLET ASSEMBLY (TYPE DENOTED)
	SOLENOID VALVE
J	JUNCTION BOX - FINAL CONNECTION TO EQUIPMENT AS REQUIRED
J	EQUIPMENT J-BOX - TYPE AS SHOWN/NOTED - CONNECT TO EQUIPMENT AS REQUIRED
	WIRE DESIGNATIONS - HOT, SWITCH, NEUTRAL, GROUND, ISOLATED GROUND, RESPECTIVELY.
	WIRE IN CONDUIT-CEILING OR WALL
	HOMERUN TO PANEL
	CONDUIT STUB/SLEEVE
	WEATHERHEAD - SIZE AS NOTED ON PLANS
	WIRE IN CONDUIT - UNDERFLOOR. (SEE REQ'S IN SPECS)

ABBREVIATIONS:
WP - WEATHERPROOF (3R)
NS - NON-SWITCHED
EM - INDICATES EMERGENCY EGRESS FIXTURE
TC - TIME CLOCK
LC - LIGHTING CONTACTOR
FA - FIRE ALARM
EWC - ELECTRIC WATER COOLER(GFI BREAKER)
U.N.O. - UNLESS NOTED OTHERWISE
ER - EXISTING RELOCATED
WG - WIRE PROTECTIVE GUARD
1G/1G - SINGLE GANG BOX / SINGLE GANG RING
"- DASHED INDICATES EXISTING OR BELOW GRADE AS NOTED
AC - ABOVE COUNTER
HP - HORSEPOWER
C - CONDUIT ("EMT" OR "RIGID" AS SPECIFIED)
PVC - ELECT GRADE PVC CONDUIT (SCH. AS NOTED)
WM - SURFACE MOUNTED RACEWAY (WIREMOLD)
AV - INDICATES AUDIO/VISUAL DEVICE
SB - INDICATES INTERACTIVE DISPLAY BOARD
A.F.F. - INDICATES ABOVE FINISHED FLOOR
A.F.G. - INDICATES ABOVE FINISHED GRADE
B.F.G. - INDICATES BELOW FINISHED GRADE
F.D.S. - FUSIBLE DISCONNECT SWITCH
N.F.D.S. - NON-FUSIBLE DISCONNECT SWITCH
R.I.O. - ROUGH-IN ONLY

RECEPTACLES:
GFCI INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE
CLG INDICATES CEILING
T INDICATES TAMPER-RESISTANT TYPE
U INDICATES DUPLEX POWER WITH "USB" OUTLETS
IG INDICATES ISOLATED GROUND TYPE
(PROVIDE SEPARATE NEUTRALS/GROUNDS ON ALL "IG" CIRCUITS)

——EOHE——	EXISTING OVERHEAD ELECTRICAL
— — —UGE— — —	EXISTING UNDERGROUND ELECTRICAL
——OHE——	OVERHEAD ELECTRICAL
— — —UGE— — —	UNDERGROUND ELECTRICAL
— — —UGT— — —	UNDERGROUND TELEPHONE
— — —UTV— — —	UNDERGROUND CABLE (TELEVISION)
— — —UFO— — —	UNDERGROUND FIBER OPTIC
— — —UC— — —	UNDERGROUND SYSTEMS CONDUIT
—X—X—X—	INDICATES UTILITY TO BE REMOVED
(P) - (S)	(P-INDICATES PRIMARY; S-INDICATES SECONDARY)

LIGHT FIXTURE SCHEDULE

MARK	DESCRIPTION	*MANUFACTURER	MODEL	WATTAGE	VOLTAGE	NOTES
A3	2 x 4 RECESSED TROFFER	WILLIAMS	50-G-S-2X4-L33-8/40-F-AF12125-DIM-UNV	28	UNV	-
A3(EM)	2 x 4 RECESSED TROFFER W/EGRESS	WILLIAMS	50-G-S-2X4-L33-8/40-F-AF12125-DIM-UNV-EM/10W	28	UNV	SAME AS "A3" WITH BODINE/IOTA LED EM DRIVER
A4	2 x 4 RECESSED ARCHITECTURAL TROFFER	WILLIAMS	PT-24-L61-8/40-RA-DIM-UNV	44	UNV	-
A4(EM)	2 x 4 RECESSED ARCHITECTURAL TROFFER W/EGRESS	WILLIAMS	PT-24-L61-8/40-RA-DIM-UNV-EM/10W	44	UNV	SAME AS "A4" WITH BODINE/IOTA LED EM DRIVER (2HR WHERE SHOWN)
C	6" RECESSED ARCHITECTURAL ROUND DOWNLIGHT	PRESCOLITE	LC6SLDM1-6LCSL-18L40K8	22.2	UNV	-
D (EM)	LINEAR UTILITY STRIP FIXTURE W/EGRESS	COLUMBIA	MPS4-40-VW-FW-EDU-ELL14	26.5	UNV	SURFACE MOUNT TO GRID (BODINE/IOTA LED EM DRIVER)
P	EXTERIOR ADJUSTABLE ASYMMETRIC SURFACE LINEAR	KIM	RN-D-LENGTH-8'-LUMENS-40K8-DIST.-DL-UNV-FINISH-MOUNTING	40	UNV	MOUNT TO SOFFIT AIMED TOWARD SIGNAGE
Q	WALL MOUNT EXTERIOR SCONCE	KIM	CY1-25-40K8-2-4-3-UNV-FINISH-T-FINISH	16	UNV	REFER TO ARCH ELEVATIONS FOR MOUNTING HEIGHT(S)
W	EXTERIOR WALL MOUNT ARCHITECTURAL AREA LIGHT	CURRENT	WGH1-50-LSCS-UNVC [EM*]	61.8	UNV	REFER TO ARCH ELEVATIONS FOR MOUNTING HEIGHT(S) *w/Egress Battery where Shown
X	EMERGENCY EXIT LIGHT	CURRENT	CELUNE	2	UNV	WALL MOUNT AT +8'-0" AFF WHERE SHOWN AS SUCH.

***CONTACTOR MAY SUBMIT EQUIVALENT LIGHT FIXTURES FROM ACUITY, COOPER, DAY-BRITE MANUFACTURERS.**

COMMENTS:
1. ALL HEIGHTS ARE IN REGARDS TO THE CENTERLINE OF FIXTURE - UNO.
2. ALL EXIT SIGNS SHALL BE PROVIDED WITH THE PROPER FACES/CHEVRONS AS REQUIRED. ALL EXIT SIGNS ARE TO BE NON-SWITCHED.
3. CONTRACTOR SHALL PROVIDE/SUBMIT COMPATIBLE LOW-VOLTAGE DIMMER SWITCHES WITH THE FINAL SELECTED FIXTURE SUBMITTALS.
4. PROVIDE EMERGENCY LED DRIVERS EQUAL TO BODINE/IOTA FOR ALL FIXTURES NOTED/SHOWN AS SUCH. IN ADDITION TO THE NORMAL SWITCHING/CIRCUITING SHOWN, ALL EGRESS FIXTURES SHALL BE PROVIDED WITH AN UNSWITCHED HOT CHARGING/SENSING CIRCUIT.

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

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