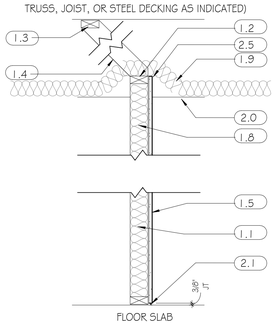
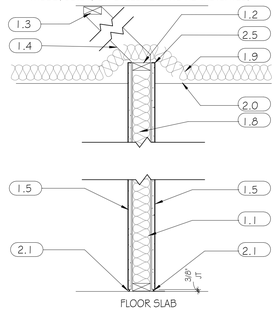


OWG1 — 0 HR. - GYPSUM - 1 SIDED

U.L. #	NA
STC	--

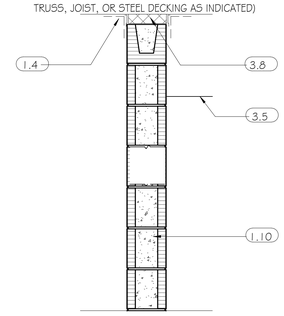
DRAWING MARK	DESCRIPTION



OWG2 — 0 HR. - GYPSUM - 2 SIDED

U.L. #	N/A
STC	52

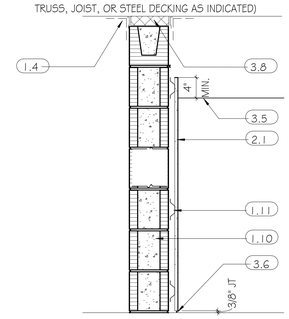
DRAWING MARK	DESCRIPTION



0M — 0 HR. - CMU
1M — 1 HR. - CMU
2M — 2 HR. - CMU — 2M ONLY

U.L. #	U905
STC	50

DRAWING MARK	DESCRIPTION



OMG — 0 HR. - CMU - GYPSUM FURRED
1MG — 1 HR. - CMU - GYPSUM FURRED
2MG — 2 HR. - CMU - GYPSUM FURRED

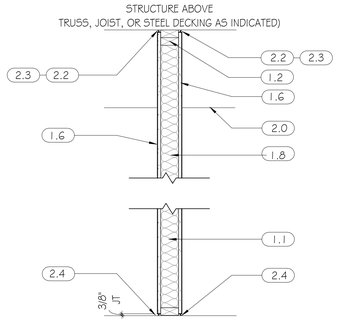
U.L. #	U905
STC	51

DRAWING MARK	DESCRIPTION

PARTITION KEY

TYPE WG WOOD STUDS	OWG 2X4
TYPE 1WG WOOD STUDS	1WG 2X4
TYPE 2WG WOOD STUDS	2WG 2X4
TYPICAL PARTITION (SHOWN THUS)	

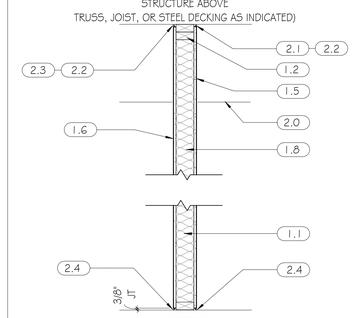
STANDARD FRAMING — WOOD STUDS • PARTITIONS USE STANDARD FRAMING EXCEPT WHERE VARIANT FRAMING SIZE IS INDICATED



1WG — 1 HR. - GYPSUM - WOOD FRAMING

U.L. #	U305
STC	3.5": 33 5.5": 36

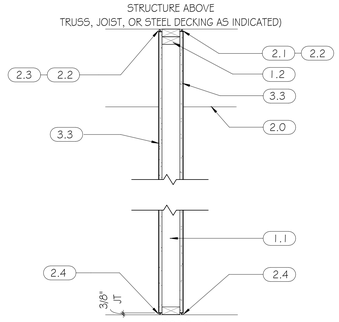
DRAWING MARK	DESCRIPTION



OWG — 0 HR. - GYPSUM - WOOD FRAMING

U.L. #	NA
STC	

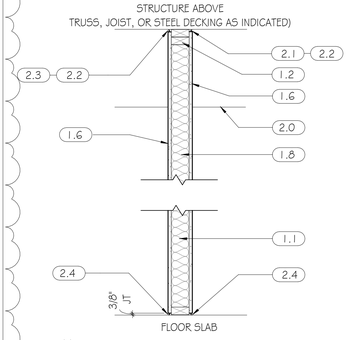
DRAWING MARK	DESCRIPTION



OWGH1 — 0 HR. - GYPSUM - WOOD FRAMING

U.L. #	NA
STC	

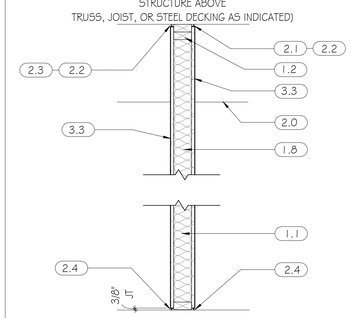
DRAWING MARK	DESCRIPTION



OWGSND — 0 HR. - GYPSUM - WOOD FRAMING

U.L. #	NA
STC	

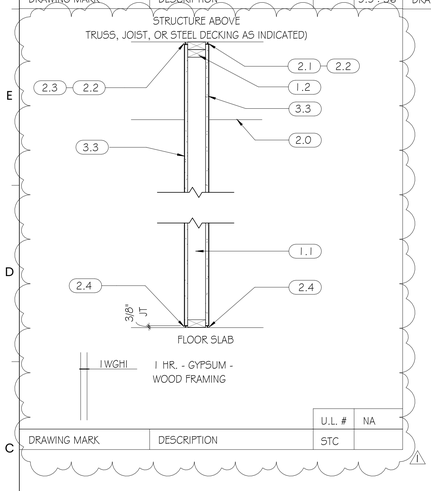
DRAWING MARK	DESCRIPTION



OWGH1SND — 0 HR. - GYPSUM - HIGH IMPACT WOOD FRAMING

U.L. #	NA
STC	

DRAWING MARK	DESCRIPTION



1WGH1 — 1 HR. - GYPSUM - WOOD FRAMING

U.L. #	NA
STC	

DRAWING MARK	DESCRIPTION

NUMBERED NOTES

(NOT ALL NOTES AND CONDITIONS APPLY)

1.1 WOOD STUDS 16" OC DOUBLE-STUD JAMBS FULL HT. AT ALL DOOR OPENINGS

1.2 CONTINUOUS WOOD STUD (NOMINAL THICKNESS)

1.3 2x4 TRACK AS NEEDED TO RECEIVE PARTITION BRACE

1.4 WOOD STUD BRACING MIN. 48 IN. OC (24" OC AT WALL-HUNG CABINETS)

1.5 AT EXTERIOR (PERIMETER) FURRING: 2 IN. METAL Z-FURRING W/ MIN. R-8 BOARD INSUL.

1.6 ONE LAYER 5/8 IN. GYP. BD

1.7 ONE LAYER 5/8 IN. TYPE 'X' GYP. BD

1.8 SOUND ATTENUATION BATT INSULATION. 3.5" THICK

1.9 SOUND ATTENUATION BATT INSULATION. 3.5" THICK. DRAPE OVER & EXTEND 4 FT. EACH SIDE OF PARTITION

2.0 ACOUSTICAL CEILING PANELS. WHERE PANELS W/ COMBINED NRC/CAC RATINGS OF .70/35 (OR BETTER) ARE USED, DRAPED INSULATION MAY BE OMITTED

2.1 ACOUSTICAL SEALANT JOINT. PROVIDE CONT. BEAD UNDER EACH LAYER GYP BD

2.2 ACOUSTICAL SEALANT JOINT. AT WOOD DECKS, COPE GYP. BD, TO UNDERSIDE OF DECK. FILL VOIDS W/ INSULATION. APPLY ACOUSTICAL SEALANT CONT. AT JOINT

2.3 UL LISTED FIRE-RESISTANCE RATED HW (HEAD OF WALL) JOINT (FIRE CAULKING)

2.4 UL LISTED FIRE-RESISTANCE RATED BW (BOTTOM OF WALL) JOINT (FIRE CAULKING)

2.5 EXTEND GYP BOARD TO TOP OF WOOD STUD TO ESTABLISH A DRAFT STOP ASSEMBLY. CONDUIT TURNOUTS AND ELECTRICAL BOXES MUST STAND CLEAR OF WOOD STUDS TO ALLOW FOR APPLICATION OF UNINTERRUPTED GYPSUM MEMBRANE

2.6 1/2" PLYWOOD SHEATHING

2.7 PITCHED OR PARALLEL CHORD WOOD TRUSSES AT 24" OC

2.8 RC-1 CHANNELS: (NO INSULATION) 16" OC; (WITH INSULATION) 12" OC

2.9 5/8" GYPSOM PANELS TYPE C

3.0 WOOD JOIST AT 16" OC

3.1 WOOD STRUCTURAL PANELS, NOMINAL 1"

3.2 FINISH FLOOR OR FLOOR TOPPING MIXTURE

3.3 ONE LAYER 5/8 IN. HIGH IMPACT GYP. BD

GENERAL NOTES - PARTITIONS

1. UL LISTED ASSEMBLIES
A. WHERE UL ASSEMBLY NUMBERS ARE REFERENCED ABOVE, PARTITIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH REQUIREMENTS SET FORTH BY THE UL FIRE RESISTANCE DIRECTORY. NO DEVIATION SHALL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE ARCHITECT AND/OR BUILDING OFFICIAL.

2. FIRE BARRIERS, FIRE PARTITIONS, & SMOKE BARRIERS (FIRE-RATED)
A. ALL PERIMETER JOINTS MUST BE PROTECTED BY UL LISTED FIRE-RESISTANT JOINT SYSTEMS.
B. ALL PENETRATIONS OF RATED ASSEMBLIES MUST BE PROTECTED BY UL LISTED THROUGH-PENETRATION FIRESTOPPING ASSEMBLIES.
C. FIRE DAMPERS MUST PROTECT HVAC DUCT PENETRATIONS.
D. IDENTIFY FIRE WALLS, SMOKE BARRIERS, ETC., IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES, BY STENCILING "X-HOUR FIRE AND /OR SMOKE BARRIER" IN 3-INCH HIGH CONTRASTING LETTERS, 3/8-INCH MINIMUM STROKE. LOCATE WITHIN 15 FEET OF END OF WALL, AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.

3. SMOKE PARTITIONS (NON-RATED)
A. ALL PERIMETER JOINTS MUST BE SEALED WITH AIRTIGHT SEALANT APPLICATION.
B. ALL PIPING, ELECTRICAL, AND DUCT PENETRATIONS MUST BE SEALED WITH AIRTIGHT SEALANT APPLICATION.

4. SOUND INSULATION
A. INSULATION THICKNESS SHALL MATCH CAVITY DEPTH UNLESS NOTED OTHERWISE.
B. INSULATE BEHIND RECESSED ITEMS IN ANY SCHEDULED ACOUSTIC PARTITIONS.
C. INSULATION MAY BE OMITTED AT CHASES NOT EXCEEDING 10 S.F. IN AREA.

5. ACOUSTICAL SEALANT
A. AT ALL GYP BOARD AND WOOD STUD PARTITIONS: REQUIRED AT BOTTOM AND TOP RUNNERS AND AT WALL ANGLES WHERE DISSIMILAR MATERIALS MEET (SEE DETAILS).
B. AT SCHEDULED ACOUSTIC PARTITIONS: AIRTIGHT SEAL IS REQUIRED AT ALL PENETRATIONS.
C. ELECTRICAL AND OTHER BOXES TO BE WRAP-SEALED (SEE DETAILS).

6. PARTITION COORDINATION
A. COMPLY WITH "9.07 PARTITION COORDINATION WITH OTHER TRADES" REQUIREMENTS LOCATED UNDER "GENERAL NOTES" ON PROJECT INFORMATION DRAWING G1.02

GMC

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117 Jefferson Street North
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GMCNETWORK.COM

ISSUE	DATE
100% CONSTRUCTION DOCUMENTS	1/9/2026
1 ADDENDUM 4	2/6/2026

DRAWN BY: Author
CHECKED BY: Checker

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

STATE of ALABAMA
Jay W Purkey
9063
Owens Cross Roads, Alabama
REGISTERED ARCHITECT

01/09/2026

PARTITION TYPES

G1.21

2/6/2026 5:02:58 PM TEMPLATE VERSION: 2025.1

SCHOEL
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HUNTSVILLE
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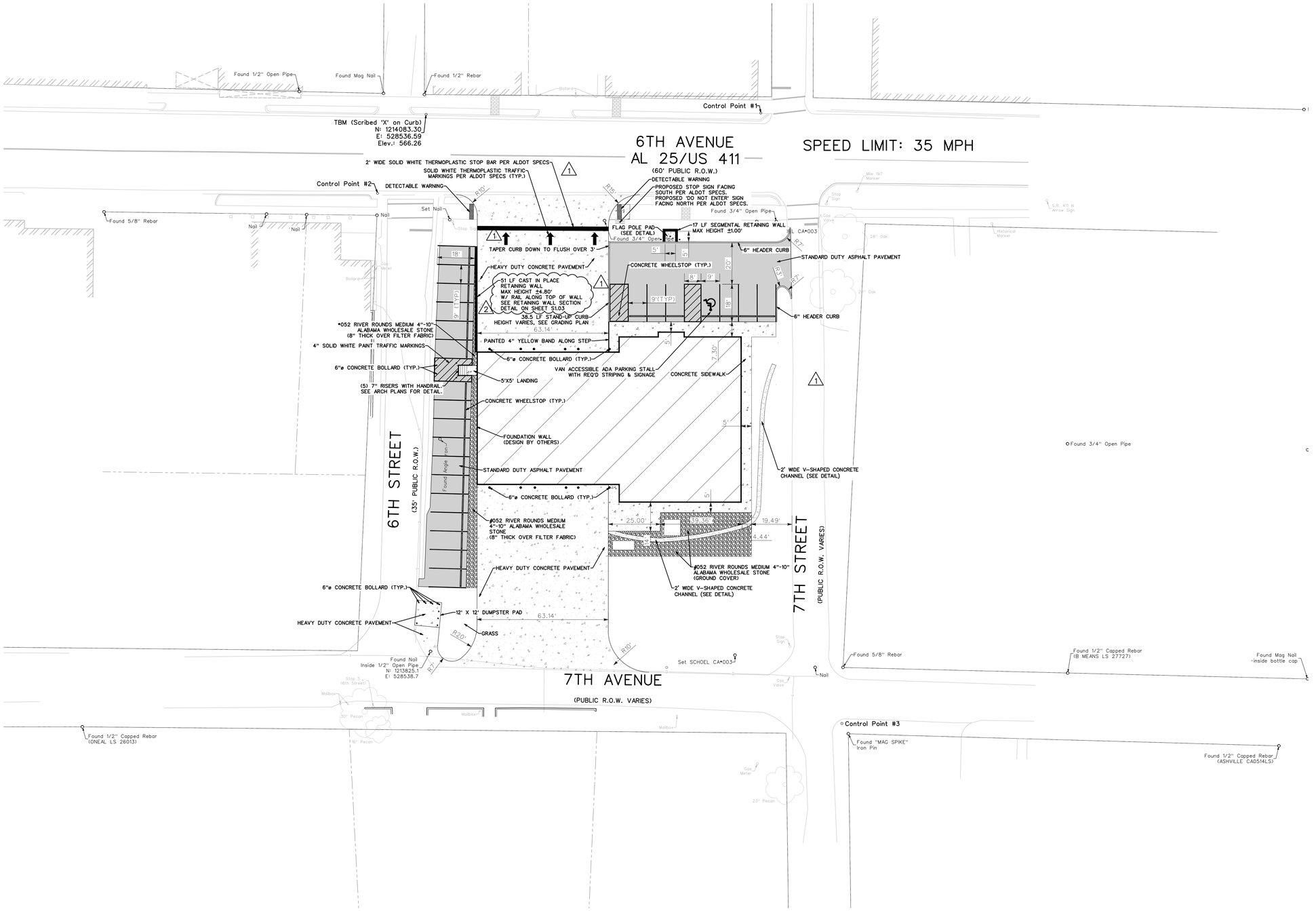
Huntsville, Alabama 35801
256.539.1220
TUSCALOOSA
3600 Watermelon Road, Ste 202
Northport, Alabama 35473
205.323.6166
SCHOEL.COM

PROVIDED PARKING: 24 SPACES
ADA PARKING REQUIRED: 1 SPACE
ADA PARKING PROVIDED: 1 SPACE



UNDERGROUND UTILITIES SHOWN ON THIS MAP ARE FROM LOCAL UTILITY COMPANY RECORDS AND SHOULD BE FIELD VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION.

JOB SAFETY IS NOT THE RESPONSIBILITY OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SITE SAFETY.

SCALE: 1" = 20'
GRAPHIC SCALE
0 20 40 50 75 100

GMC

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GMCNETWORK.COM

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DRAWN BY: J. GARNER
CHECKED BY: B. WISEMAN

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

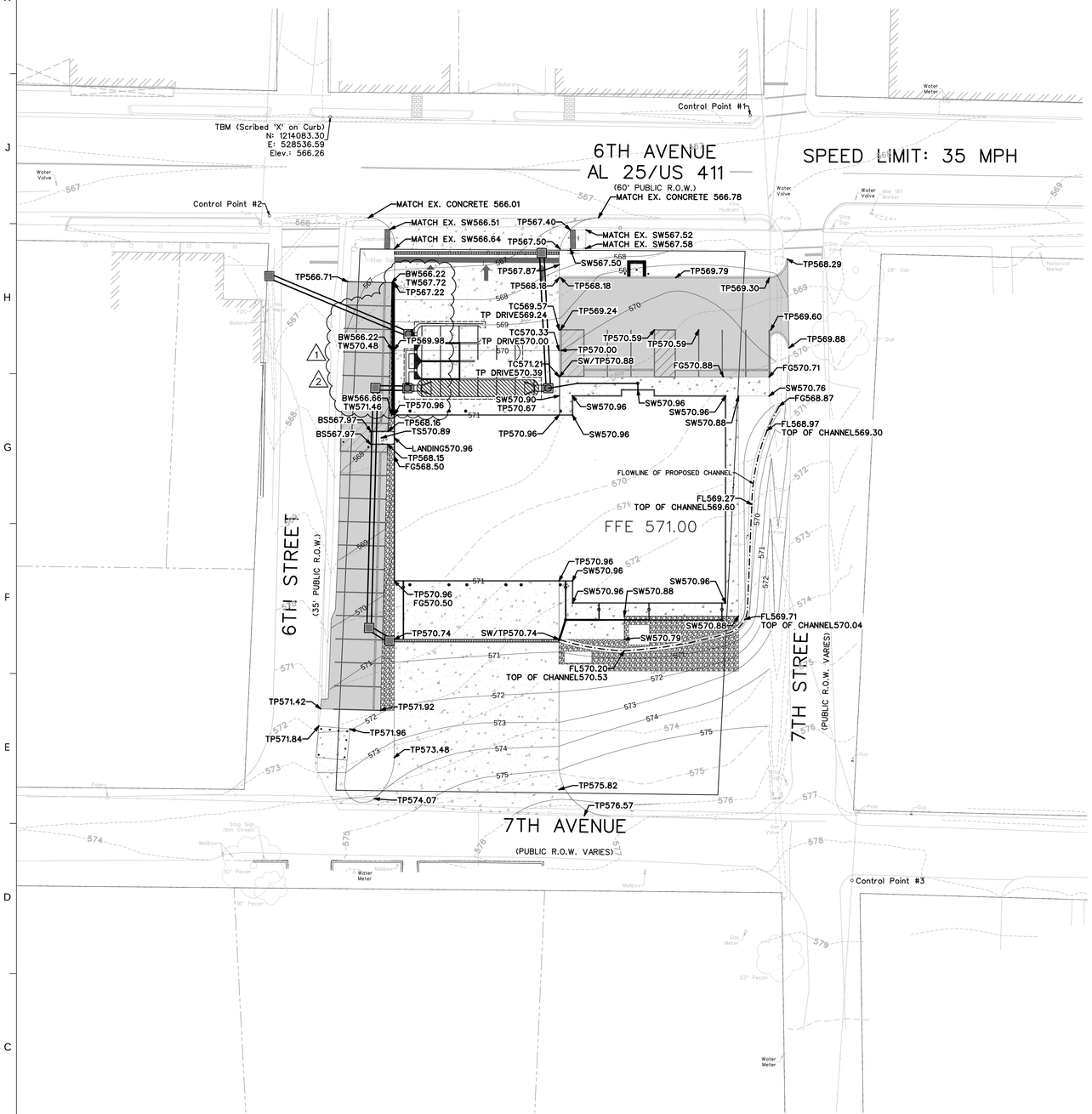
GMC # AHUN250003

BRANDON A. WISEMAN
LICENSED
No. 23333
PROFESSIONAL
2-6-2026
ENGINEER
BRANDON WAYNE WISEMAN

SITE PLAN

C3

GRADING PLAN



SCALE: 1" = 20'
GRAPHIC SCALE
0 20 40 50 75 100

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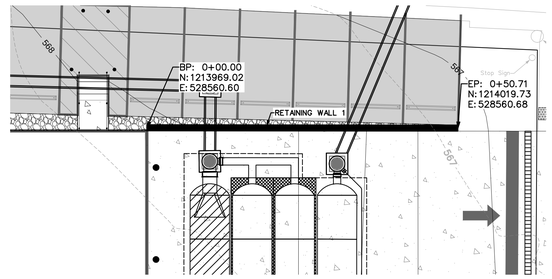
SPOT ELEVATION LEGEND

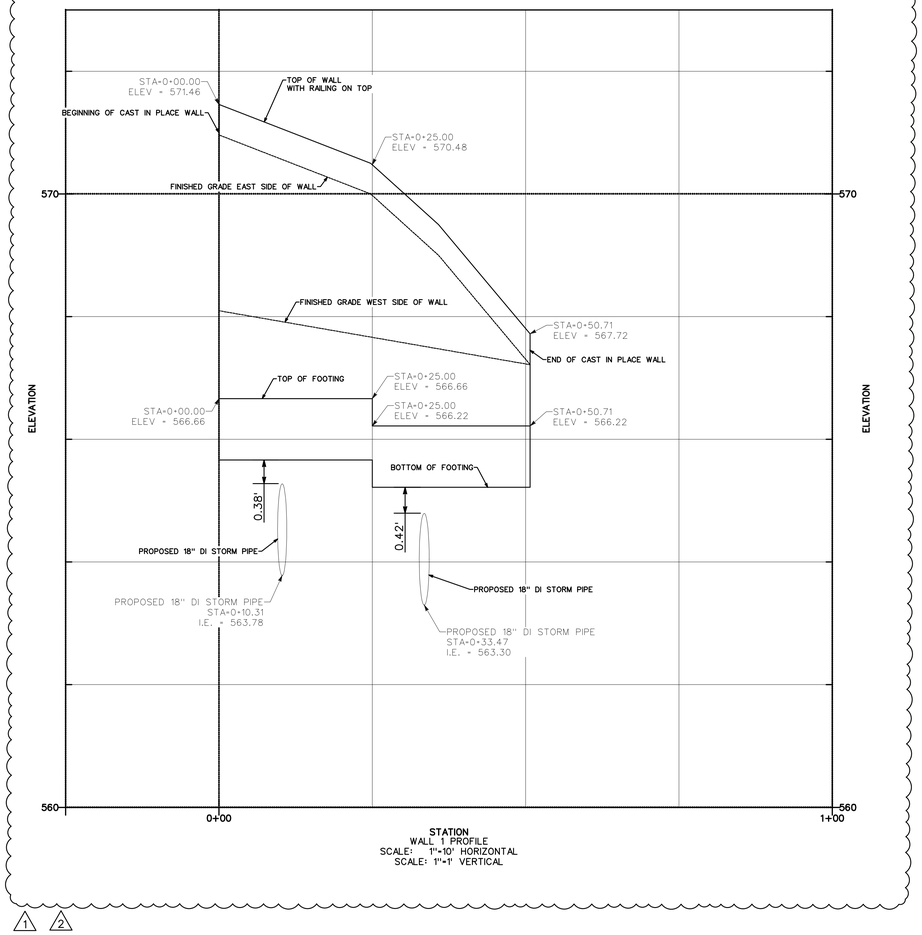
TP - TOP OF PAVEMENT
TC - TOP OF CURB
SW - SIDEWALK
FG - FINISHED GRADE
BS - BOTTOM OF STAIRS
TS - TOP OF STAIRS
TW - TOP OF RETAINING WALL
BW - BOTTOM OF RETAINING WALL (AT TOP OF FOOTING) 2
LP - LOW POINT
HP - HIGH POINT

WALL PLAN & PROFILE



SCALE: 1" = 10'
GRAPHIC SCALE
0 10 20 30 40

NOTE: SEE SITE RETAINING WALL SECTION AND SITE WALL EXPANSION JOINT DETAIL ON STRUCTURAL SHEET S1.03



1 2

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DRAWN BY: J. GARNER
CHECKED BY: B. WISEMAN

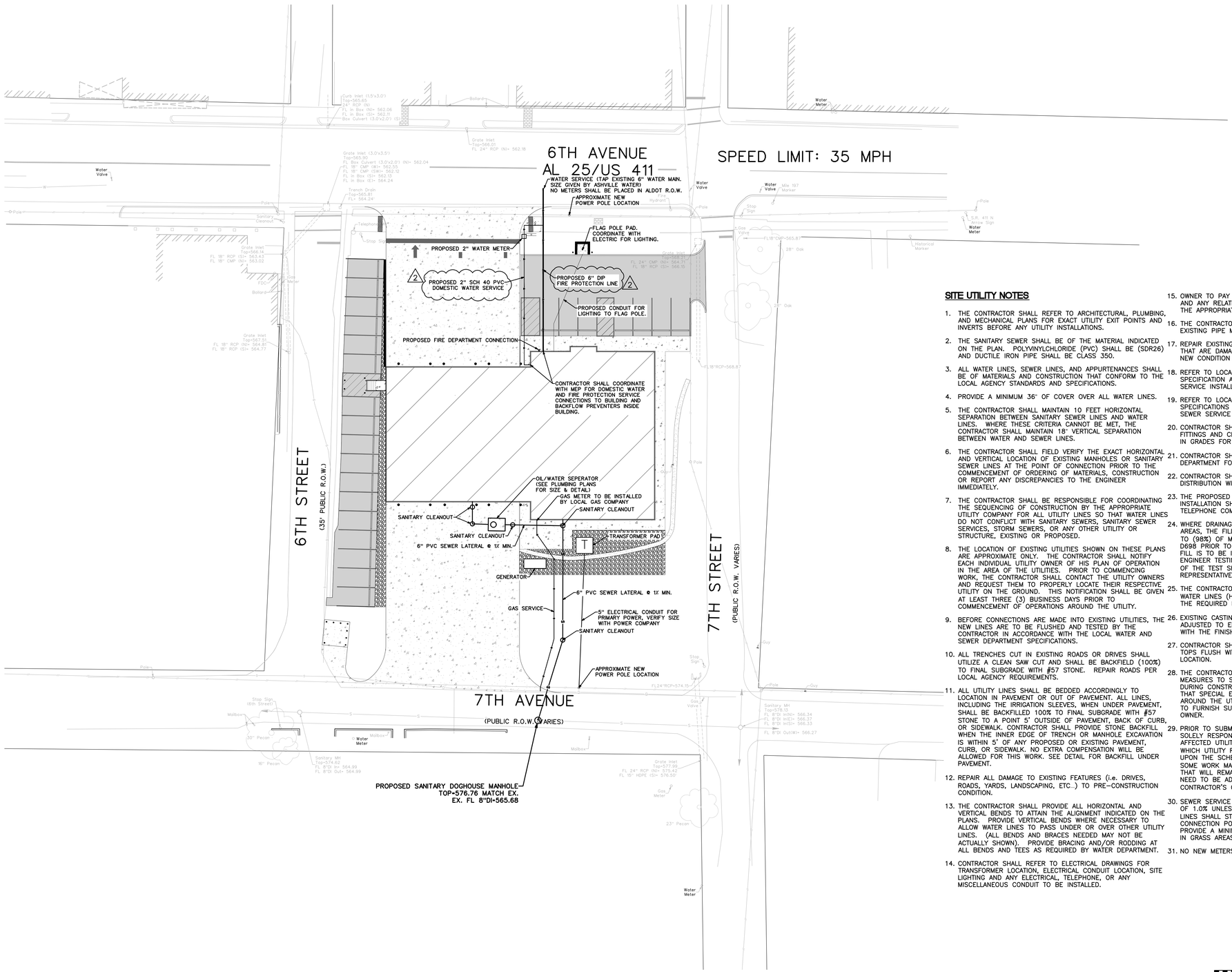
ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

ALABAMA LICENSED PROFESSIONAL ENGINEER
No. 23331
2-6-2026
BRYAN WISEMAN

GRADING PLAN

C4



SITE UTILITY NOTES

1. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL, PLUMBING, AND MECHANICAL PLANS FOR EXACT UTILITY EXIT POINTS AND INVERTS BEFORE ANY UTILITY INSTALLATIONS.
2. THE SANITARY SEWER SHALL BE OF THE MATERIAL INDICATED ON THE PLAN. POLYVINYLCHLORIDE (PVC) SHALL BE (SDR26) AND DUCTILE IRON PIPE SHALL BE CLASS 350.
3. ALL WATER LINES, SEWER LINES, AND APPURTENANCES SHALL BE OF MATERIALS AND CONSTRUCTION THAT CONFORM TO THE LOCAL AGENCY STANDARDS AND SPECIFICATIONS.
4. PROVIDE A MINIMUM 36" OF COVER OVER ALL WATER LINES.
5. THE CONTRACTOR SHALL MAINTAIN 10 FEET HORIZONTAL SEPARATION BETWEEN SANITARY SEWER LINES AND WATER LINES. WHERE THESE CRITERIA CANNOT BE MET, THE CONTRACTOR SHALL MAINTAIN 18" VERTICAL SEPARATION BETWEEN WATER AND SEWER LINES.
6. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT HORIZONTAL AND VERTICAL LOCATION OF EXISTING MANHOLES OR SANITARY SEWER LINES AT THE POINT OF CONNECTION PRIOR TO THE COMMENCEMENT OF ORDERING OF MATERIALS, CONSTRUCTION OR REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION BY THE APPROPRIATE UTILITY COMPANY FOR ALL UTILITY LINES SO THAT WATER LINES DO NOT CONFLICT WITH SANITARY SEWERS, SANITARY SEWER SERVICES, STORM SEWERS, OR ANY OTHER UTILITY OR STRUCTURE, EXISTING OR PROPOSED.
8. THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY.
9. BEFORE CONNECTIONS ARE MADE INTO EXISTING UTILITIES, THE NEW LINES ARE TO BE FLUSHED AND TESTED BY THE CONTRACTOR IN ACCORDANCE WITH THE LOCAL WATER AND SEWER DEPARTMENT SPECIFICATIONS.
10. ALL TRENCHES CUT IN EXISTING ROADS OR DRIVES SHALL UTILIZE A CLEAN SAW CUT AND SHALL BE BACKFIELD (100%) TO FINAL SUBGRADE WITH #57 STONE. REPAIR ROADS PER LOCAL AGENCY REQUIREMENTS.
11. ALL UTILITY LINES SHALL BE BEDDED ACCORDINGLY TO LOCATION IN PAVEMENT OR OUT OF PAVEMENT. ALL LINES, INCLUDING THE IRRIGATION SLEEVES, WHEN UNDER PAVEMENT, SHALL BE BACKFILLED 100% TO FINAL SUBGRADE WITH #57 STONE TO A POINT 5' OUTSIDE OF PAVEMENT, BACK OF CURB, OR SIDEWALK. CONTRACTOR SHALL PROVIDE STONE BACKFILL WHEN THE INNER EDGE OF TRENCH OR MANHOLE EXCAVATION IS WITHIN 5' OF ANY PROPOSED OR EXISTING PAVEMENT, CURB, OR SIDEWALK. NO EXTRA COMPENSATION WILL BE ALLOWED FOR THIS WORK. SEE DETAIL FOR BACKFILL UNDER PAVEMENT.
12. REPAIR ALL DAMAGE TO EXISTING FEATURES (i.e. DRIVES, ROADS, YARDS, LANDSCAPING, ETC..) TO PRE-CONSTRUCTION CONDITION.
13. THE CONTRACTOR SHALL PROVIDE ALL HORIZONTAL AND VERTICAL BENDS TO ATTAIN THE ALIGNMENT INDICATED ON THE PLANS. PROVIDE VERTICAL BENDS WHERE NECESSARY TO ALLOW WATER LINES TO PASS UNDER OR OVER OTHER UTILITY LINES. (ALL BENDS AND BRACES NEEDED MAY NOT BE ACTUALLY SHOWN). PROVIDE BRACING AND/OR RODDING AT ALL BENDS AND TEES AS REQUIRED BY WATER DEPARTMENT.
14. CONTRACTOR SHALL REFER TO ELECTRICAL DRAWINGS FOR TRANSFORMER LOCATION, ELECTRICAL CONDUIT LOCATION, SITE LIGHTING AND ANY ELECTRICAL, TELEPHONE, OR ANY MISCELLANEOUS CONDUIT TO BE INSTALLED.
15. OWNER TO PAY FOR ANY AID-TO-CONSTRUCTION FOR UTILITIES AND ANY RELATED INSPECTION FEES FOR THESE SERVICES TO THE APPROPRIATE UTILITY AUTHORITY.
16. THE CONTRACTOR SHALL VERIFY REQUIRED PIPE LENGTHS. EXISTING PIPE MATERIAL AND SIZES AS SHOWN ON PLANS.
17. REPAIR EXISTING PAVEMENT, CURBS, WALKS, LANDSCAPING, ETC. THAT ARE DAMAGED BY CONSTRUCTION ACTIVITIES TO A LIKE NEW CONDITION AT NO ADDITIONAL COST TO THE OWNER.
18. REFER TO LOCAL AGENCY'S WATER DEPARTMENT FOR SPECIFICATION AND ILLUSTRATIONS OF TYPICAL DOMESTIC WATER SERVICE INSTALLATION.
19. REFER TO LOCAL AGENCY SANITARY SEWER DEPARTMENT FOR SPECIFICATIONS AND ILLUSTRATIONS OF TYPICAL SANITARY SEWER SERVICE INSTALLATION.
20. CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY FITTINGS AND CLEANOUTS AT BENDS, JUNCTIONS, AND CHANGE IN GRADES FOR THE SANITARY SEWER SERVICE LINES.
21. CONTRACTOR SHALL COORDINATE LOCAL AGENCY'S GAS DEPARTMENT FOR GAS SERVICE LINE INSTALLATION.
22. CONTRACTOR SHALL COORDINATE ALL SITE PRIMARY POWER DISTRIBUTION WITH ALABAMA POWER PRIOR TO INSTALLATION.
23. THE PROPOSED TELEPHONE LINE CONSTRUCTION AND INSTALLATION SHALL BE COORDINATED WITH THE LOCAL TELEPHONE COMPANY BY THE CONTRACTOR.
24. WHERE DRAINAGE OR UTILITY LINES OCCUR IN PROPOSED FILL AREAS, THE FILL MATERIAL IS TO BE PLACED AND COMPACTED TO (98%) OF MAXIMUM DRY DENSITY ACCORDING TO ASTM D698 PRIOR TO INSTALLATION OF DRAINAGE OR UTILITY LINES. FILL IS TO BE INSPECTED BY A PROFESSIONAL GEOTECHNICAL ENGINEER TESTING FIRM EMPLOYED BY THE OWNER. RESULTS OF THE TEST SHALL BE FURNISHED TO THE OWNER'S REPRESENTATIVE. CONTRACTOR TO PAY FOR ANY RETESTING.
25. THE CONTRACTOR SHALL ADJUST THE ALIGNMENT OF THE WATER LINES (HORIZONTALLY AND/OR VERTICALLY) TO ALLOW THE REQUIRED BRACING AT BENDS AND TEES.
26. EXISTING CASTINGS LOCATED IN FILL/CUT AREAS SHALL BE ADJUSTED TO ENSURE THAT THE TOP OF CASTING IS FLUSH WITH THE FINISHED GRADE.
27. CONTRACTOR SHALL INSTALL ALL SANITARY SEWER CLEANOUT TOPS FLUSH WITH FINISHED GRADE AT THE CLEANOUT LOCATION.
28. THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.
29. PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS.
30. SEWER SERVICE TO BE 6" DIAMETER PVC AT A MINIMUM SLOPE OF 1.0% UNLESS SHOWN OTHERWISE ON THE DRAWINGS. LINES SHALL START 5' BEYOND THE BUILDINGS. COORDINATE CONNECTION POINTS WITH THE BUILDING PLUMBING DRAWINGS. PROVIDE A MINIMUM 30" OF COVER OVER ALL SEWER SERVICES IN GRASS AREAS AND 36" OF COVER IN PAVED AREAS.
31. NO NEW METERS SHALL BE PLACED IN ALDOT R.O.W. (1)

SCALE: 1" = 20'
GRAPHIC SCALE
0 20 40 50 75 100

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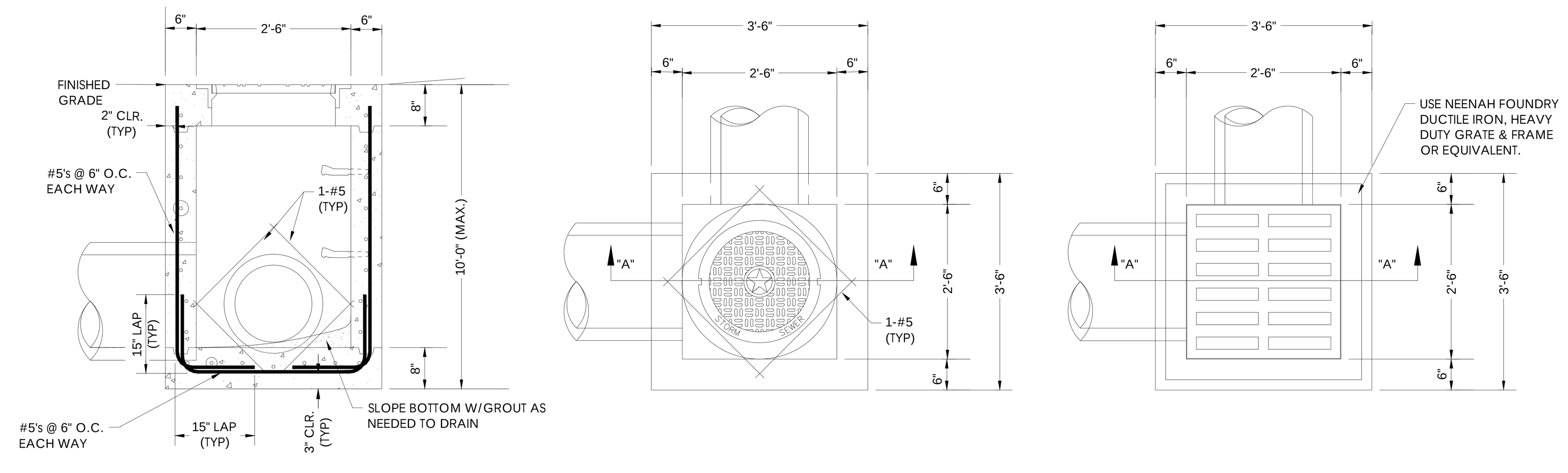
DRAWN BY: J. GARNER
CHECKED BY: B. WISEMAN

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

UTILITY PLAN

C7



SECTION "A"-"A"

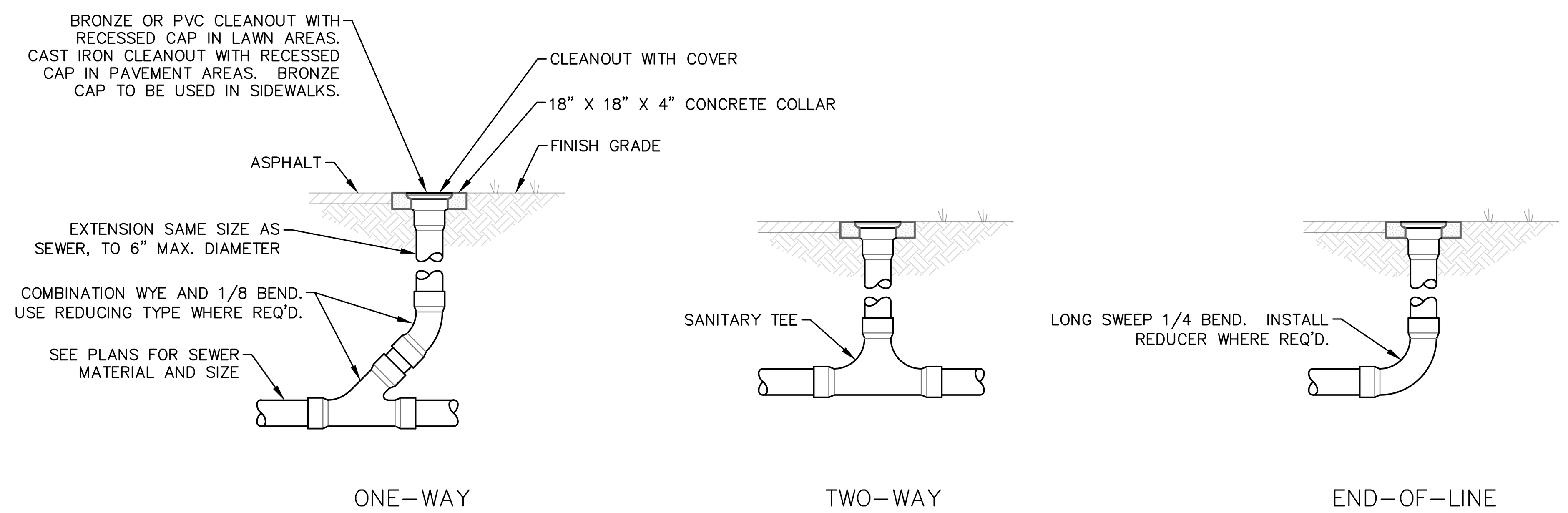
PLAN - JUNCTION BOX

PLAN - AREA INLET

NOTES:
1. ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS (CLASS "A").
2. ALL REINFORCING SHALL BE GRADE 60 DEFORMED BARS, AND SHALL CONFORM TO THE REQ'TS OF THE STANDARD SPECIFICATIONS FOR BILLET STEEL (ASTM A-15), WITH DEFORMATIONS CONFORMING TO ASTM A-305.

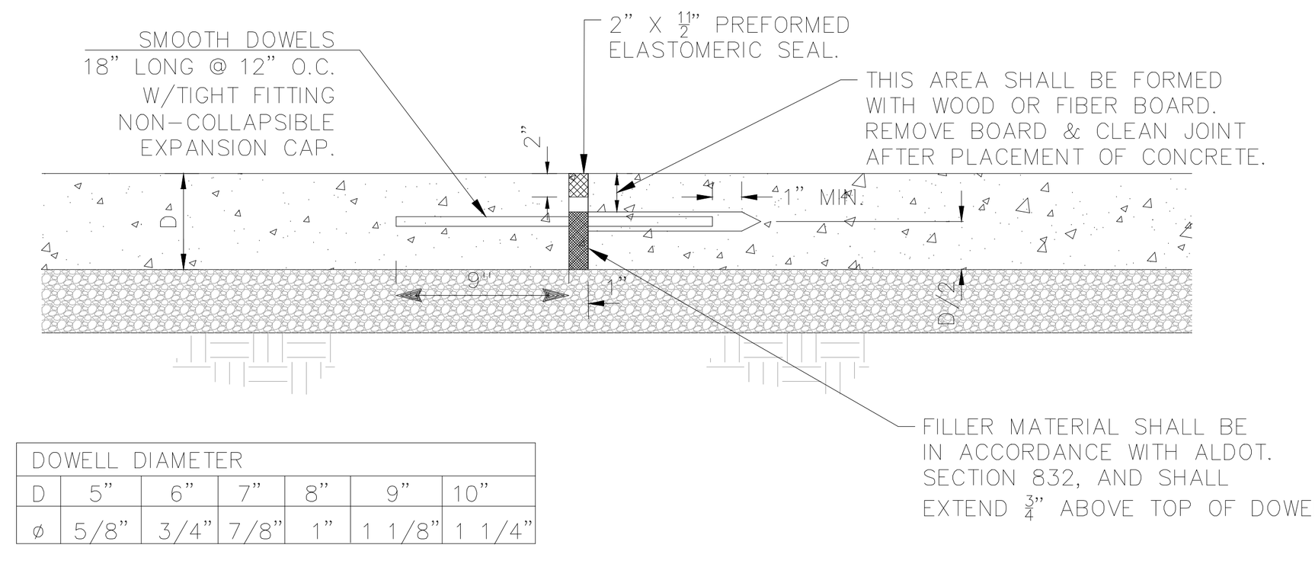
JUNCTION BOX / AREA INLET (15"-24" PIPES)

NOT TO SCALE



CLEANOUTS

NO SCALE

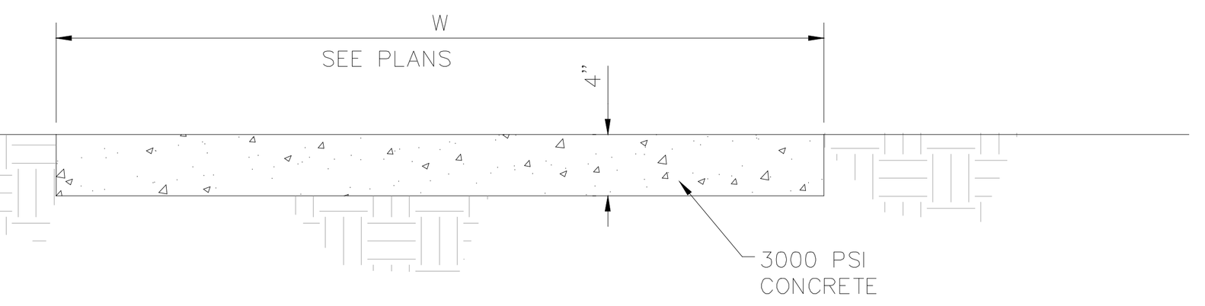


EXPANSION JOINT DETAIL

NOT TO SCALE

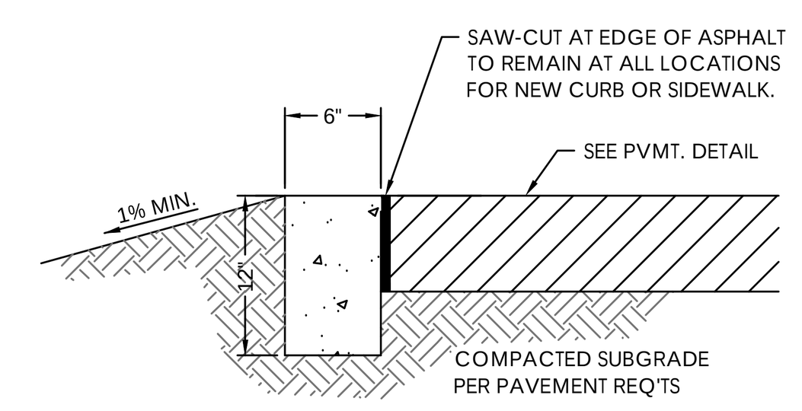
UNLESS EXPLICITLY INDICATED OTHERWISE:
1. CROSS SLOPE ON SIDEWALKS SHALL NOT EXCEED 2%.
2. HAND RAILING IS REQUIRED WHERE THE RUNNING SLOPE EXCEEDS 5%. (SEE ARCHITECTURAL FOR DETAILS)
3. LANDINGS ARE REQUIRED AT THE END OF SECTIONS EQUAL TO OR EXCEEDING 5%. THESE LANDINGS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION.
4. RUNNING SLOPE SHALL NOT EXCEED 5% FOR ACCESSIBLE ROUTES.

NOTE: CONTRACTION JOINTS SHALL BE SPACED AT "W" (MAX) CENTER TO CENTER, AND SHALL BE FORMED USING PLASTIC OR HARDBOARD PREFORMED STRIPS (1/3 DEPTH OF SLAB) PLACED IN THE SIDEWALK AND CURB AT THE TIME OF CONSTRUCTION, OR BY SAWCUTTING THE SIDEWALK AND CURB TO 1/3 DEPTH WITHIN 12 HOURS AFTER CONSTRUCTION.



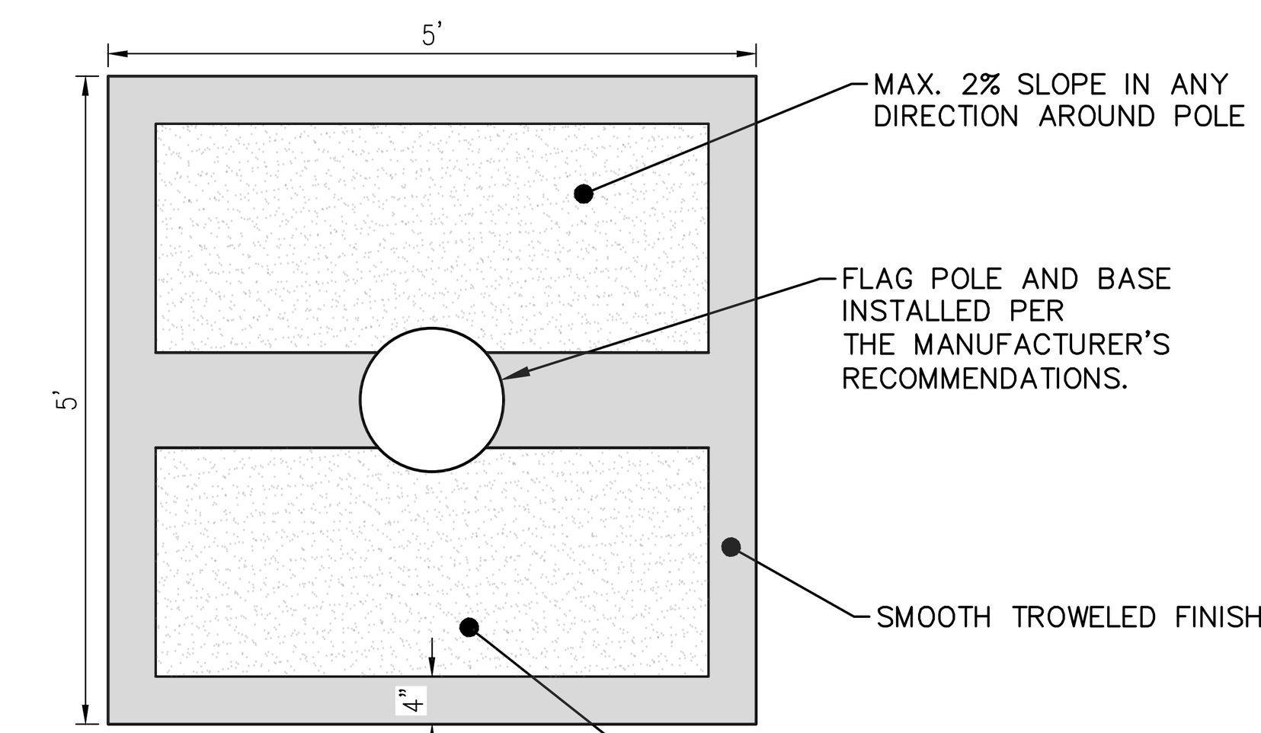
SIDEWALK DETAIL

NOT TO SCALE



HEADER CURB (6 X 12)"

NOT TO SCALE

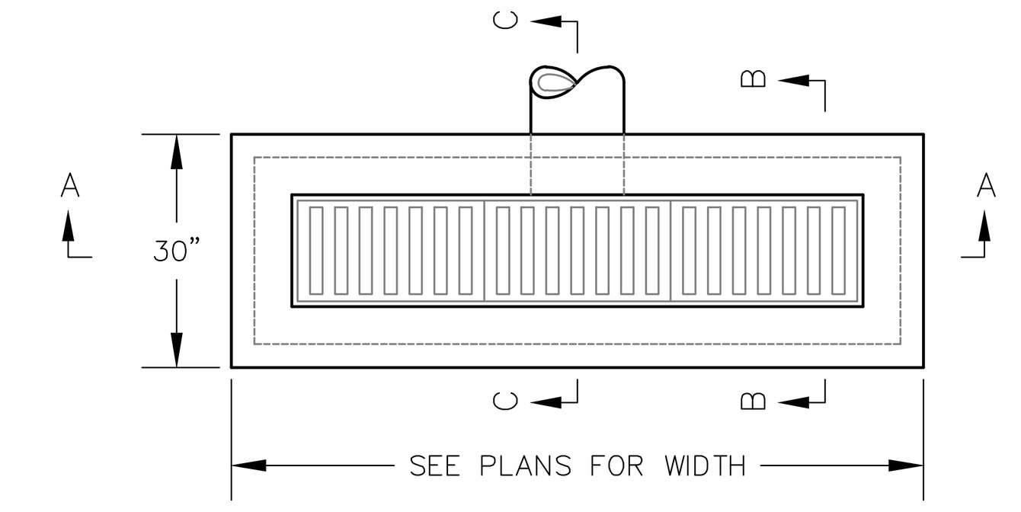


NOTE:

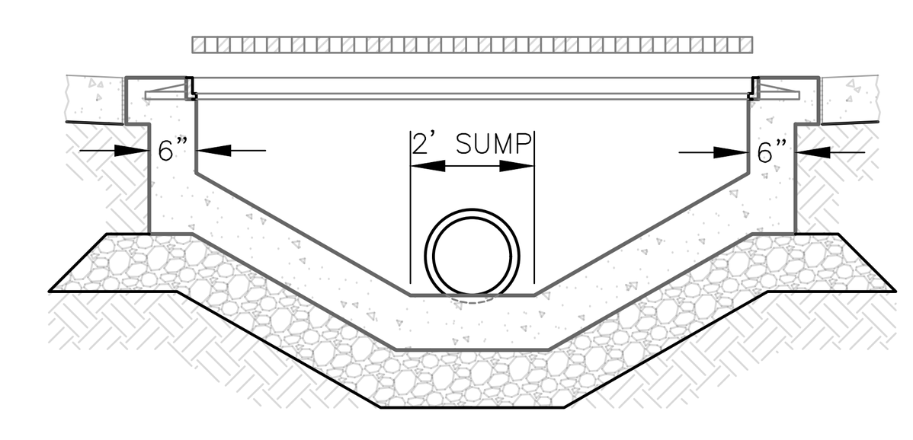
FLAGPOLE PAD CONSTRUCTION SHALL BE SIMILAR TO CONCRETE SIDEWALK DETAILED ELSEWHERE.

FLAG POLE PAD

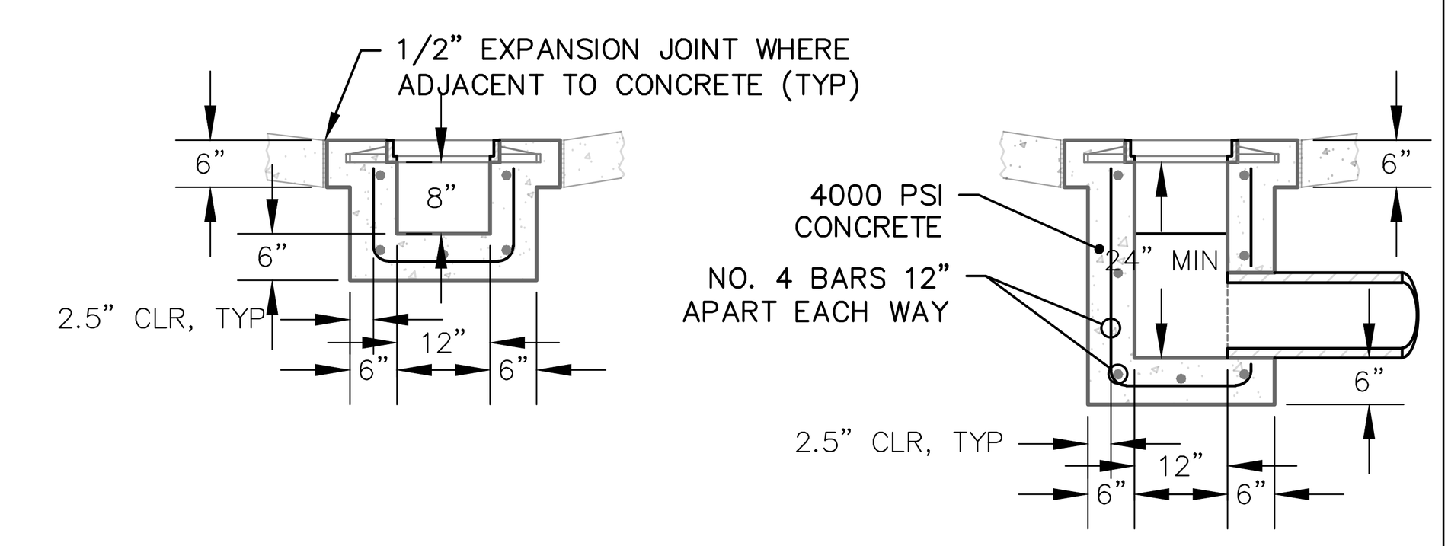
NO SCALE



PLAN



SECTION "A-A"



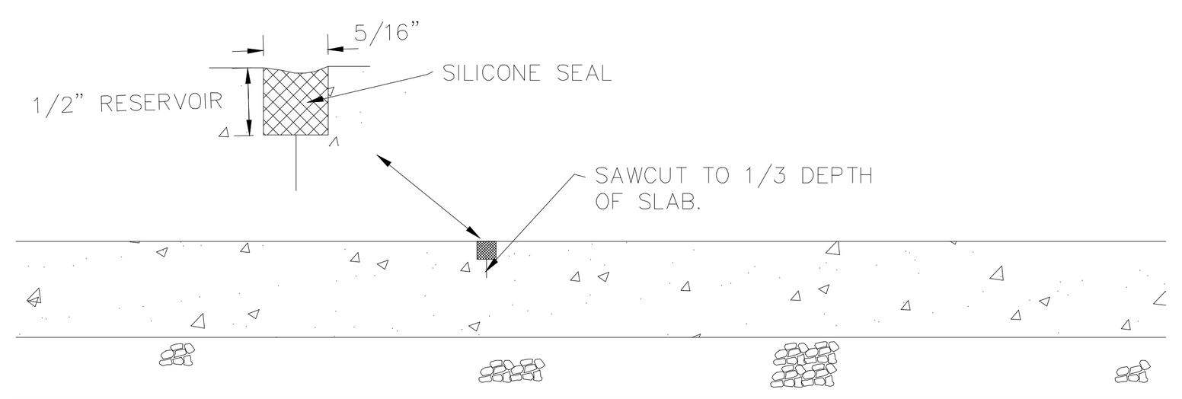
SECTION "B-B"

SECTION "C-C"

NOTES:
1. SEE PLANS FOR CASTING AND INVERT ELEVATIONS.
2. COVER AND RAILS SHALL BE JOHN BOUCHARD No. 5849, TYPE "A" WITH No. 2 RAILS, OR APPROVED EQUAL.

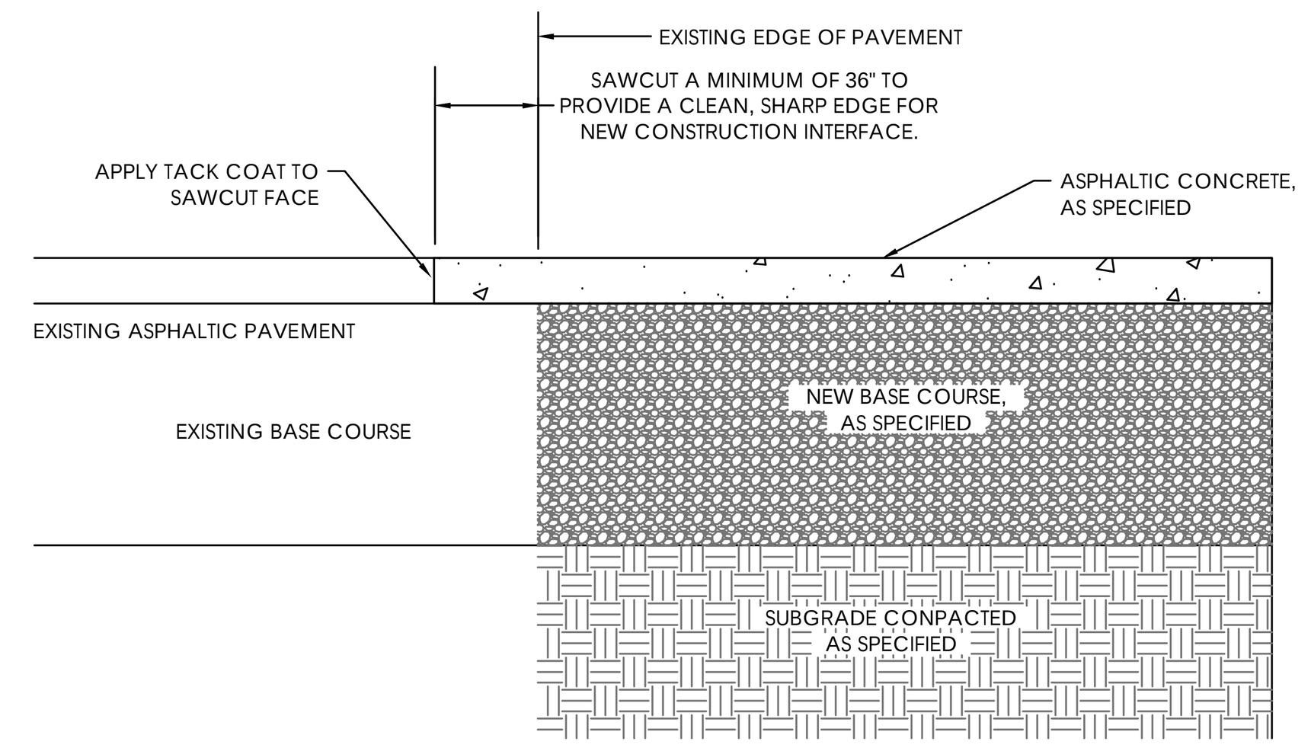
TRENCH DRAIN

NO SCALE



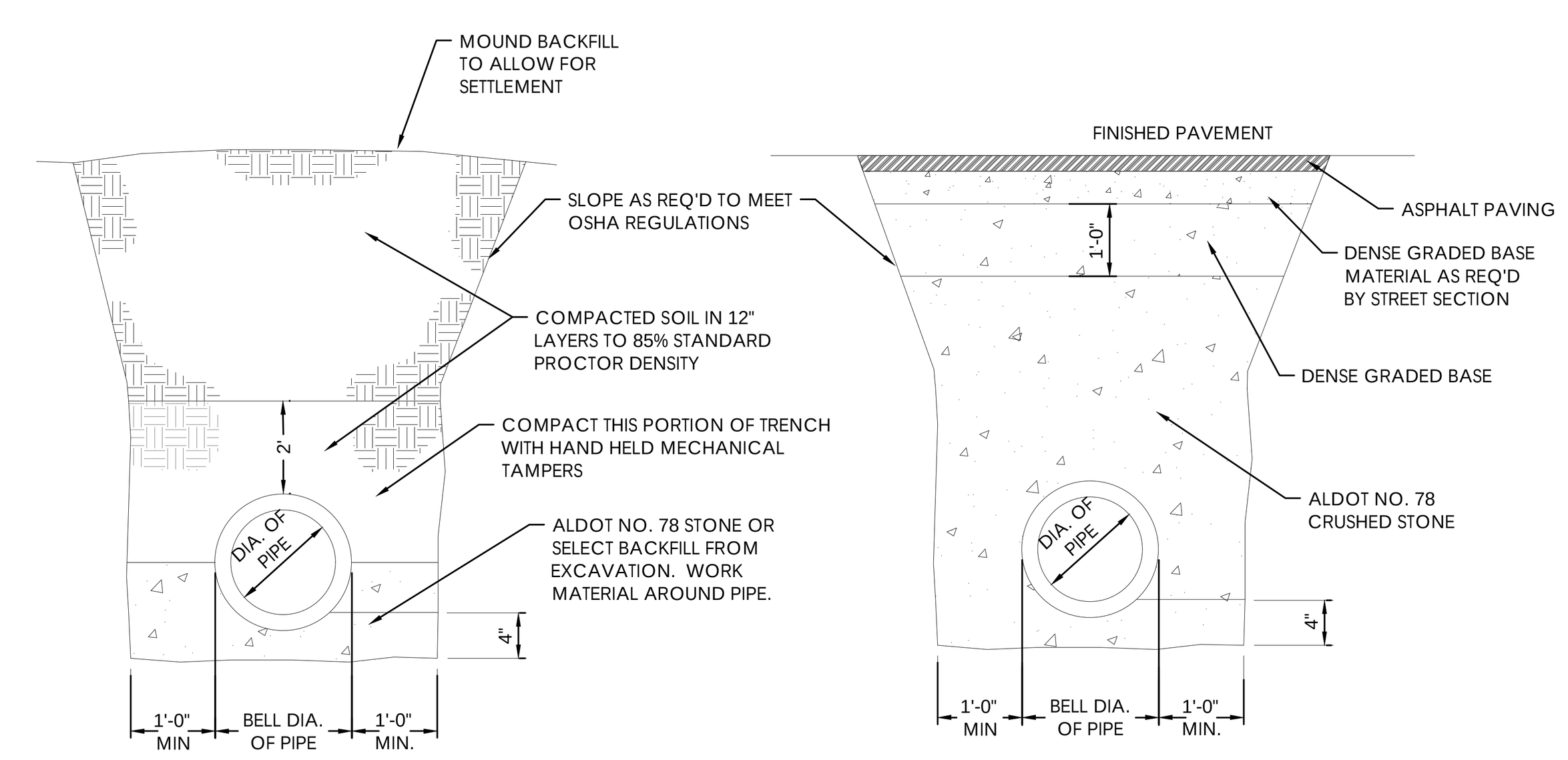
CONTRACTION JOINT DETAIL

NOT TO SCALE



NEW TO EXISTING INTERFACE

NOT TO SCALE

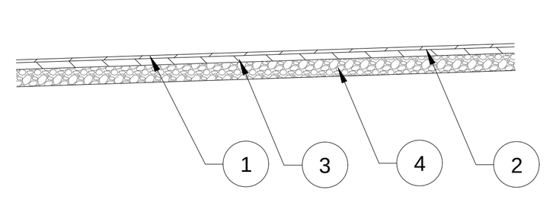


STORM SEWER "NON TRAFFIC AREAS"

METHOD "B" STORM SEWERS IN PROPOSED TRAFFIC ARES OR WITHIN STREET RIGHTS-OF-WAY

STORM SEWER PIPE BEDDING

NOT TO SCALE

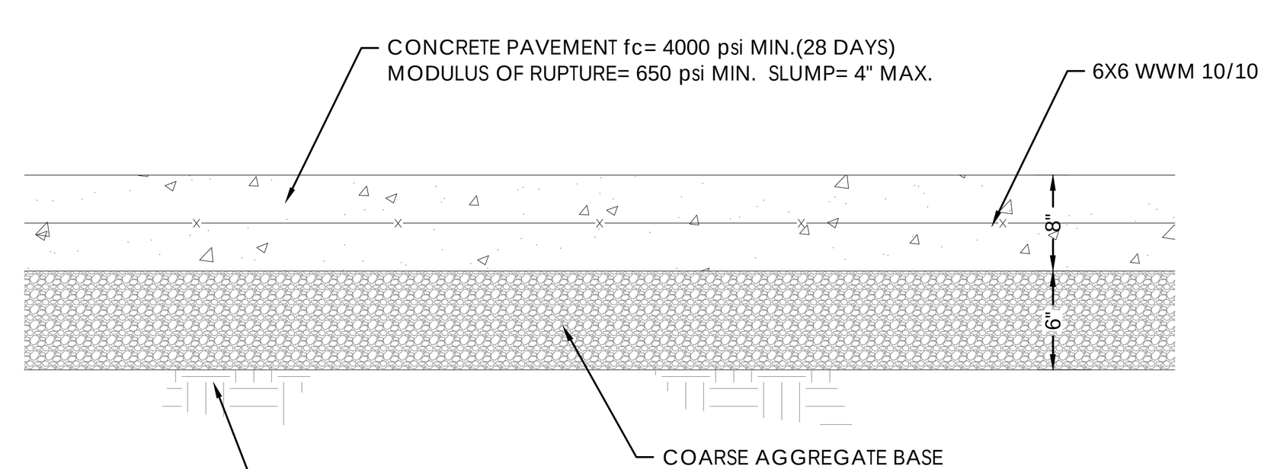


1. 112 LBS./S.Y. (1") HOT BITUMINOUS CONCRETE WEARING COURSE, ALDOT, REF. 424-A OF THE SPECIFICATIONS.
2. TACK COAT (ALDOT SECTION 405)
3. 224 LBS./S.Y. (2") HOT BITUMINOUS CONCRETE BINDER COURSE, ALDOT, REF. 424-B OF SPECIFICATIONS.
4. 6" LAYER OF DENSE GRADED LIMESTONE BASE COURSE ALDOT REF. 301 OF SPECIFICATIONS. ALL MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 825, TYPE "B", COMPACTION TO 100% PROCTOR DENSITY.

TOP 6" OF SUBGRADE IS TO BE COMPACTED TO 100% PROCTOR DENSITY. BELOW TOP 6" IS TO BE COMPACTED TO 95% PROCTOR DENSITY AS DETERMINED BY AASHTO T-99 COMPACTION TEST. SEE PAVEMENT NOTES FOR ADDITIONAL INFORMATION.

STANDARD PAVEMENT SECTION

NOT TO SCALE

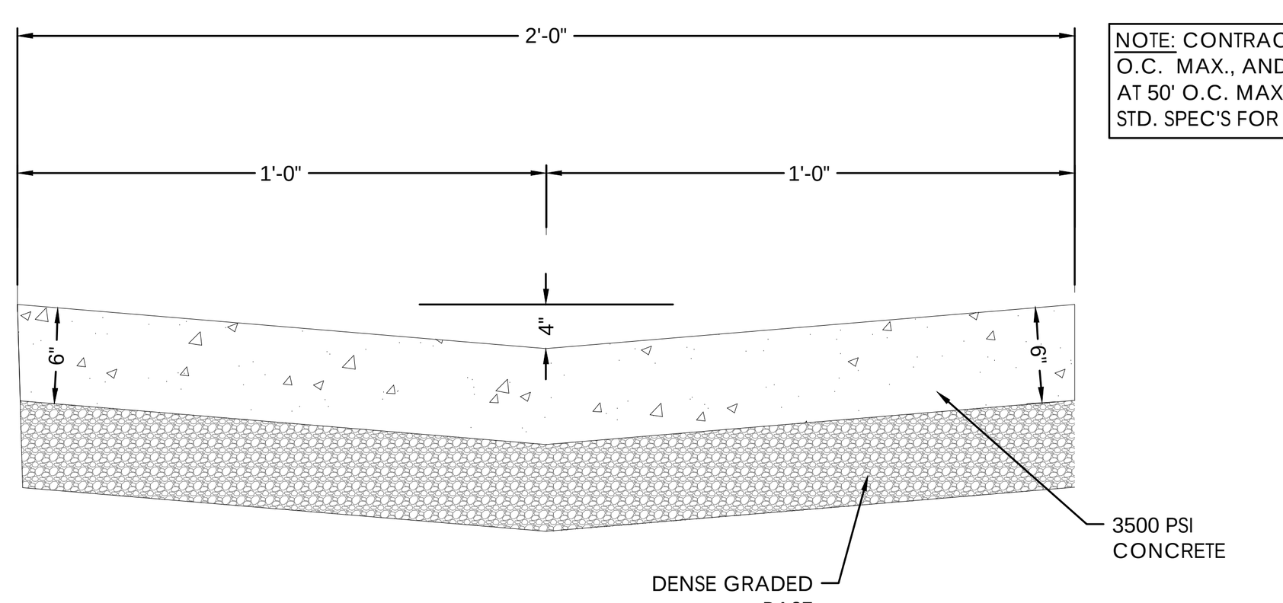


NOTES:
1. 10' MAXIMUM CONTRACTION SPACING.
2. 40' MAXIMUM EXPANSION JOINT SPACING.

HEAVY-DUTY CONCRETE PAVEMENT DETAIL

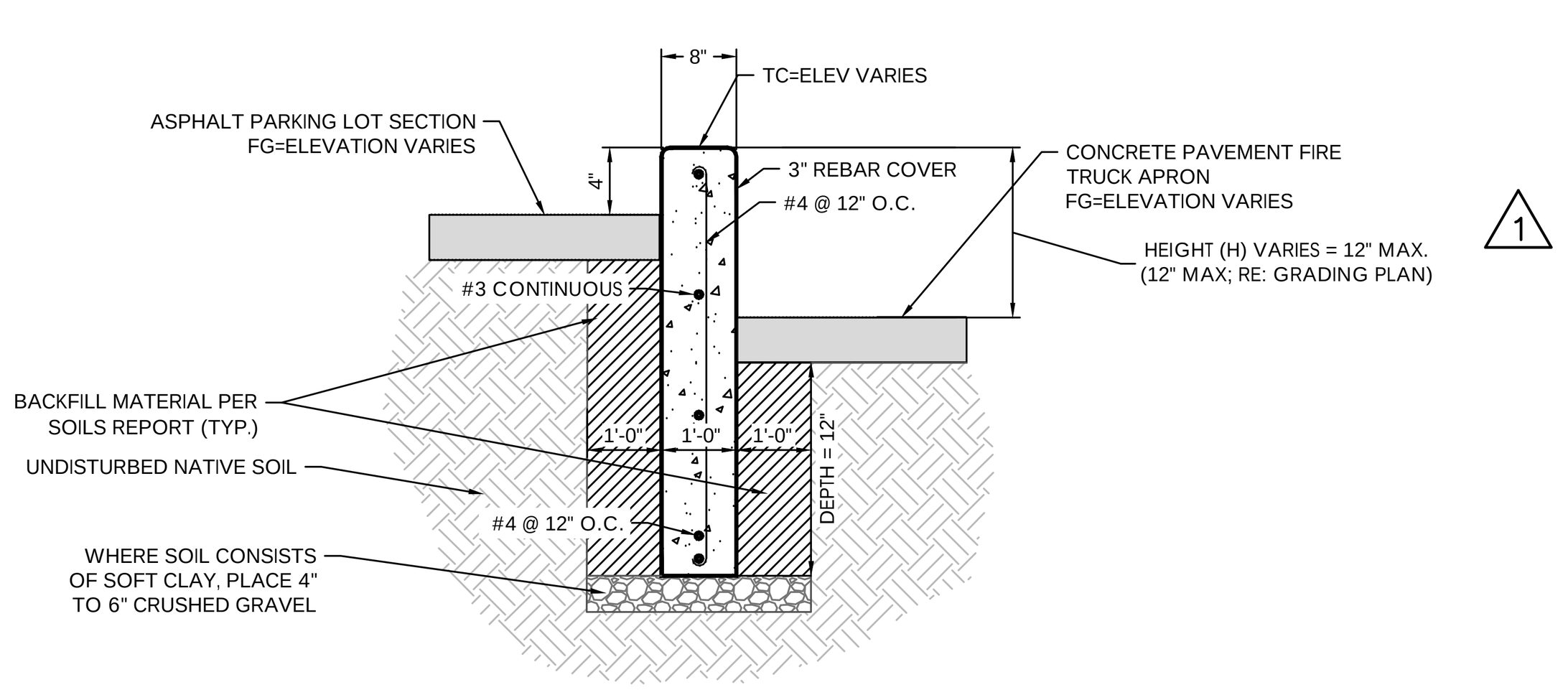
NOT TO SCALE

NOTE: CONTRACTION JOINTS REQ'D AT 10' O.C. MAX., AND 1/2" EXP. JOINTS REQ'D AT 50' O.C. MAX. (PER CITY OF HUNTSVILLE STD. SPEC'S FOR CONSTR. PROJECTS)



OPEN V-SHAPED CONCRETE CHANNEL

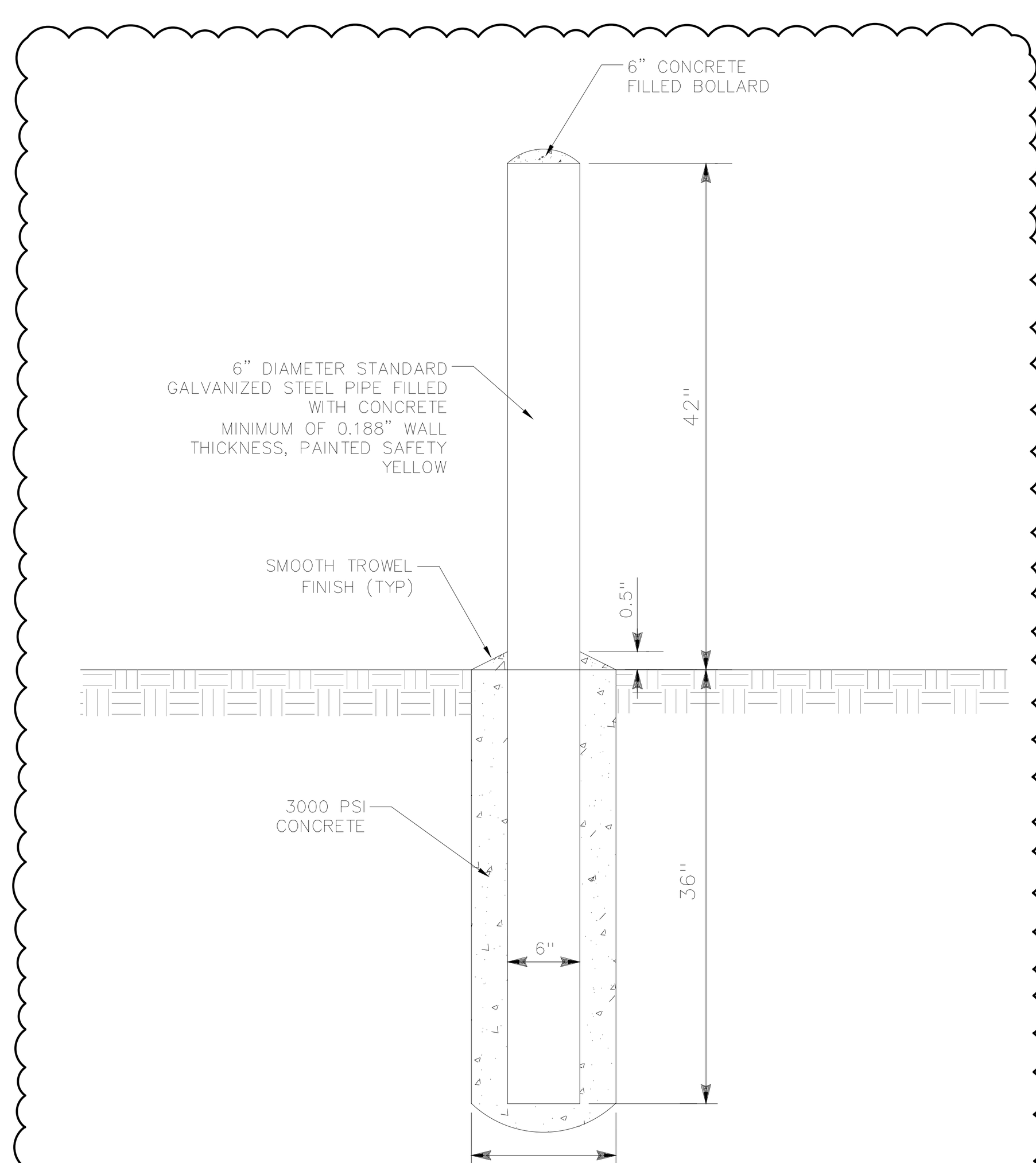
NOT TO SCALE



1. THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3,500 PSI AND SHALL COMPLY WITH ACI 318.
2. REINFORCING STEEL SHALL COMPLY WITH ASTM A615 AND SHALL HAVE A YIELD STRENGTH OF 60,000 PSI.
3. BACKFILLING AGAINST REINFORCED TALL CURB SHALL NOT BE PERMITTED UNTIL CONCRETE HAS REACHED ITS 28 DAY STRENGTH. CARE SHALL BE TAKEN TO AVOID EXERTING LARGE IMPACT FORCES ON THE TALL CURB.

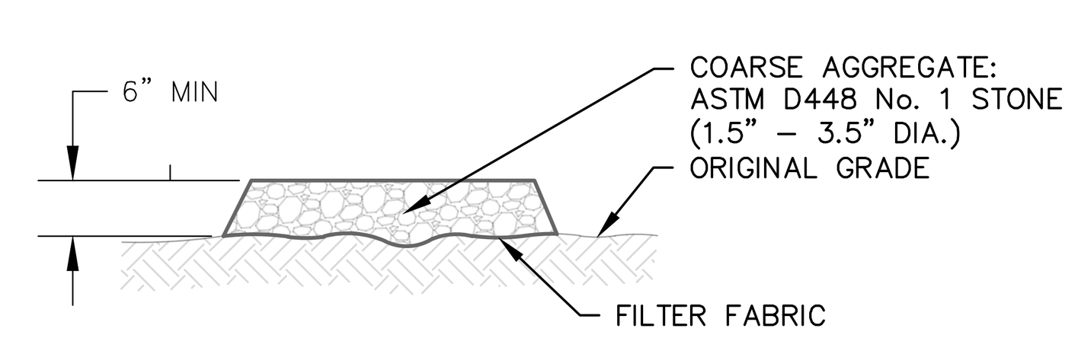
STAND UP CURB

NOT TO SCALE

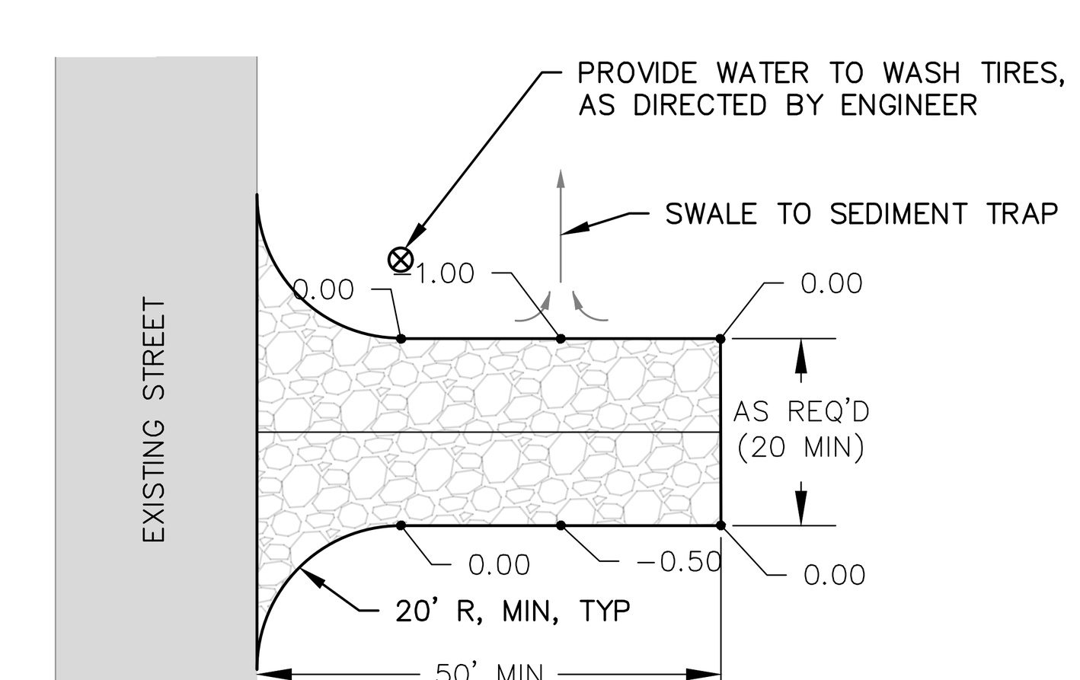


STANDARD BOLLARD DETAIL

NOT TO SCALE



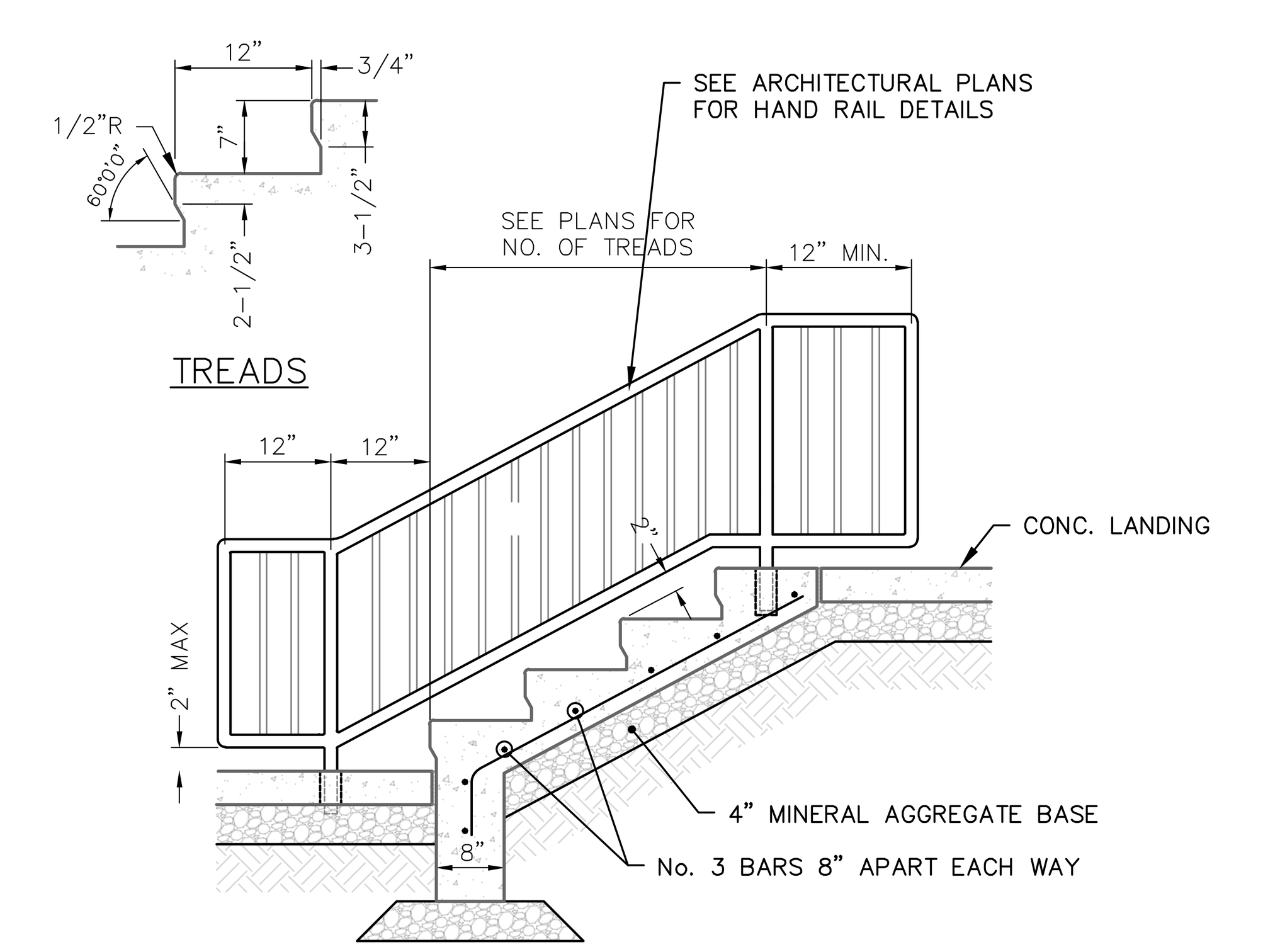
SECTION



PLAN VIEW

TEMPORARY CONSTRUCTION ENTRANCE

NO SCALE



NOTES:
1. THIS DETAIL IS TYPICALLY FOR SLAB ON GRADE CONDITION ONLY. SEE STRUCTURAL FOR KNEE WALL AND FOOTING DETAILS WHERE REQUIRED.
2. SLOPE STEPS 1/8" TO FRONT FOR DRAINAGE.
3. USE 3500 PSI CONCRETE AND ASTM GRADE 60 STEEL.
4. CONCRETE SHALL BE RUBBED FINISHED.

STEPS WITH HAND RAIL

NO SCALE

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ISSUE	DATE
100% CONSTRUCTION DOCUMENTS	1/9/2026
ADDENDUM 3	1/23/2026
ADDENDUM 4	2/6/2026

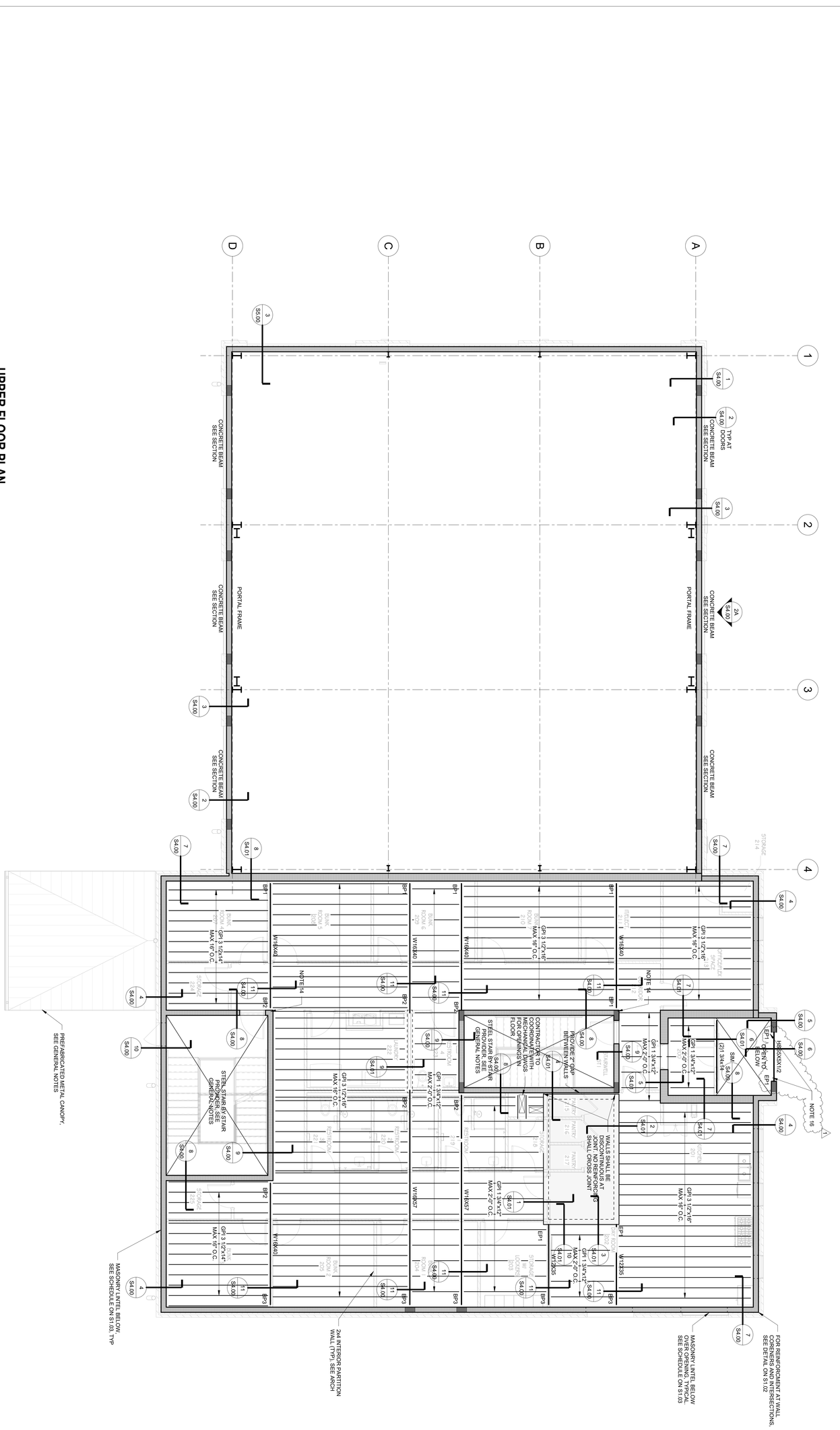
DRAWN BY: J. GARNER
CHECKED BY: B. WISEMAN

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

CONSTRUCTION DETAILS

C9.0



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Job Number **25-085**

UPPER FLOOR PLAN

3/16" = 1'-0"

1. FINISH FLOOR (TOP OF SLAB) ELEVATION 13'-4", UNLESS NOTED.
2. TOP OF STEEL ELEVATION -3 1/4" BFF, UNLESS NOTED.
3. FLOOR SYSTEM:
    WOOD FLOORING: 3/4" PLYWOOD SHEATHING WITH 1" GYPCRETE TOPPING ON WOOD I-JOISTS. GLUE FLOOR TO JOISTS AND ANCHOR WITH 16d NAILS AT 6" AT ALL FOUR PANEL EDGES AND 12" AT INTERMEDIATE SUPPORTS. SEE GENERAL NOTES
    SAFE ROOM ROOF: 12" THICK FORMED CAST-IN PLACE CONCRETE. REINFORCE WITH #5 AT 8" TOP AND BOTTOM, EACH WAY ON CENTER.
4. SPACE WOOD I-JOISTS EQUALLY BETWEEN FACE OF WALLS OR STEEL, UNLESS NOTED.
5. "BP" INDICATES BEARING PLATE. REFER TO TYPICAL DETAIL ON S1.03 FOR ADDITIONAL INFORMATION. OFFSET BEARING PLATE AS REQUIRED.
6. "EP" INDICATES EMBED PLATE WITH HEADED ANCHOR RODS. PROVIDE FULL DEPTH CLIP ANGLE TO EMBED WITH MAXIMUM (2) 3/4"ø BOLTS. SEE DETAIL FOR ADDITIONAL INFORMATION.
7. PROVIDE 8" BOND BEAM @48" O.C FOR FULL HEIGHT OF WALL. REINFORCE W/ 2#4 CONT, UNLESS NOTED.
8. HANGER LOCATION FOR PIPING LARGER THAN 3 INCHES IN DIAMETER MUST BE COORDINATED BY GENERAL CONTRACTOR WITH WOOD I-JOIST PROVIDER.
9. METAL BUILDING MANUFACTURER TO USE FRAME LINES AS INDICATED. WHERE THIS IS NOT FEASABLE, THE METAL BUILDING SHOP DRAWINGS SHOULD CLEARLY DESIGNATE ANY DEVIATIONS. ARCHITECT MUST APPROVE ANY CHANGES MADE TO THE FRAME LAYOUTS PRIOR TO FABRICATION.
10. LOCATIONS OF THE PORTAL FRAMES AND BRACED FRAMES FOR LATERAL STABILITY OF THE STRUCTURE TO BE AS DIRECTED BY THE METAL BUILDING MANUFACTURER. EVERY EFFORT SHOULD BE MADE TO COORDINATE FRAMES WITH ARCHITECTURAL CONTRACT DOCUMENTS. LOCATIONS AND SIZE OF FRAME ELEMENTS SHOULD BE CLEARLY DEFINED ON SHOP DRAWINGS SUBMITTED FOR APPROVAL.
11. METAL BUILDING PROVIDER TO LIMIT THE DEPTH OF PORTAL FRAME MEMBERS AS TO AVOID OPENINGS. SEE ARCH DRAWINGS FOR ADDITIONAL INFORMATION.
12. SHADED REGION INDICATES CONCRETE ROOF/FLOOR SYSTEM. SEE PLAN, SECTIONS, AND GENERAL NOTES.
13. WHERE MASONRY COLUMNS ARE SHOWN ON PLAN, REINFORCING TO CONTINUE TO ROOF LEVEL. IF MASONRY COLUMNS ARE NOT SHOWN, TERMINATE MASONRY COLUMN AT TOP OF MASONRY LINTEL.
14. PROVIDE HOOK IN MASONRY LINTEL BELOW AT MASONRY COLUMN. FOR ADDITIONAL INFORMATION, SEE SCHEDULE ON 1.02.
15. PROVIDE BLOCKING BETWEEN EACH WOOD I-JOIST AT BEARING. SEE SECTIONS FOR ADDITIONAL INFORMATION.
16. PROVIDE 7 1/2"x7 1/2"x1/2" PLATE WITH (2) 3/4"øx6" ANCHOR AT EACH END OF BEAMS. INSTALL PLATE FLUSH TO FACE OF MASONRY COLUMNS. CHIP MASONRY AS NECESSARY. WELD HSS BEAMS TO EMBEDS WITH 3/16" WELD ALL AROUND.

1

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CONSTRUCTION DOCUMENTS	01/09/26
1 ADDENDUM 4	02/06/26
DRAWN BY:	TRM
CHECKED BY:	HCW

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

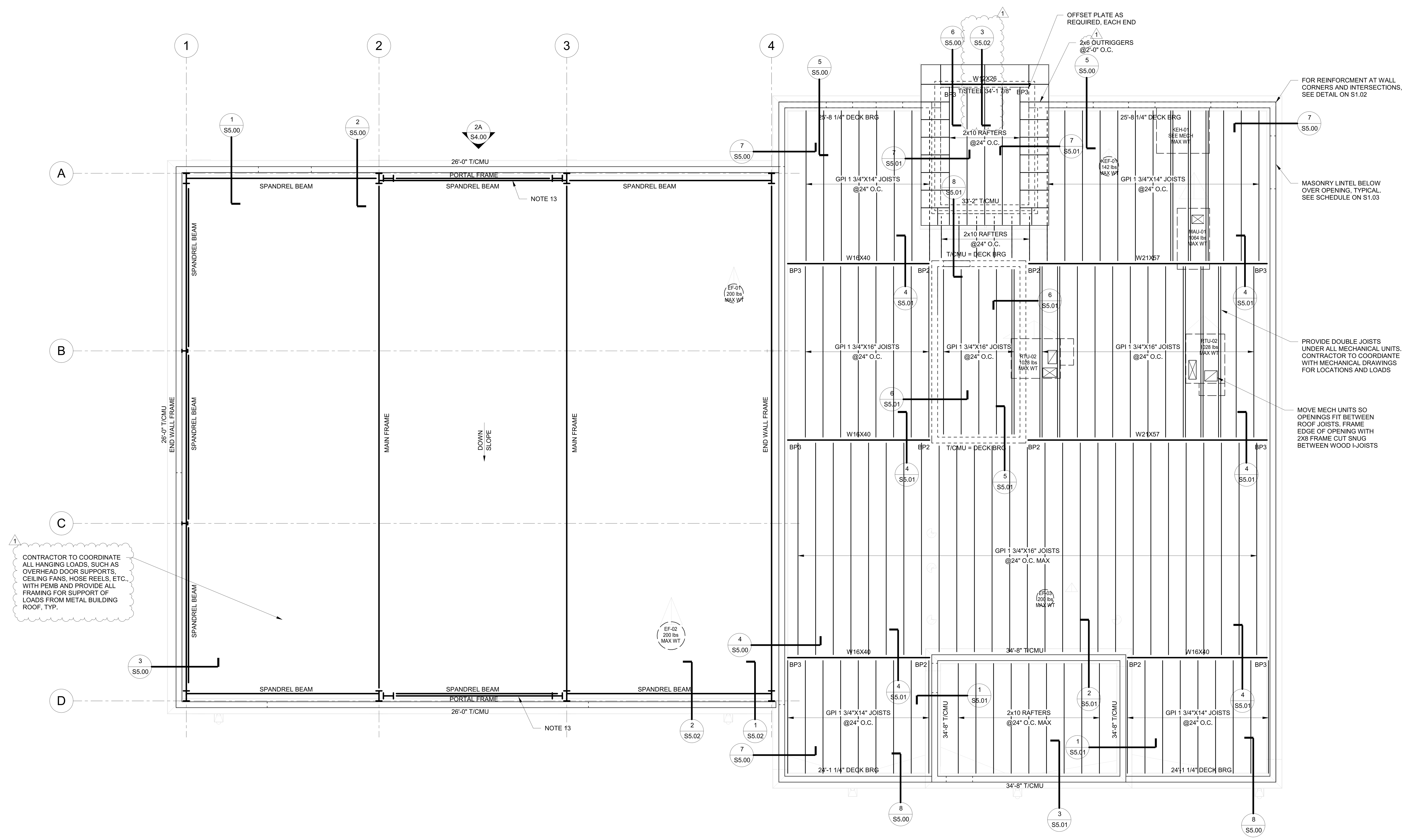
GMC # AHUN250003

No. 22596
H. Craig Winn, P.E.
01/09/2026

UPPER FLOOR PLAN

S2.01

2/4/2026 1:43:33 PM
TEMPLATE VERSION: 2025.1



ROOF PLAN

3/16" = 1'-0"

1. TOP OF CMU ELEVATION 29'-4", UNLESS NOTED.
2. TOP OF WOOD I-JOISTS VARIES, SEE PLAN.
3. DECK BEARING VARIES AND SLOPES, SEE PLAN.
4. ROOF SYSTEM:
   PREFABRICATED METAL BUILDING: PREFABRICATED METAL BUILDING FRAMES WITH PURLINS SUPPORTING STANDING SEAM METAL ROOFING.
   WOOD ROOF: 3/4" PLYWOOD SHEATHING ON WOOD I-JOISTS. GLUE ROOF TO JOISTS AND ANCHOR WITH 16d NAILS AT 6" AT ALL FOUR PANEL EDGES AND 12" AT INTERMEDIATE SUPPORTS. SEE GENERAL NOTES.
5. TOP OF STEEL VARIES. STEEL IS LOCATED 3" BELOW T/DECK. SEE SECTIONS FOR ADDITIONAL INFORMATION.
6. SPACE WOOD I-JOISTS BETWEEN FACE OF WALLS AS INDICATED ON PLAN.
7. HANGER LOCATION FOR PIPING LARGER THAN 3 INCHES IN DIAMETER MUST BE COORDINATED BY GENERAL CONTRACTOR WITH THE WOOD I-JOIST PROVIDER AND METAL BUILDING MANUFACTURER. FOR PIPING WEIGHTS, SEE TYPICAL DETAIL ON S1.03.
8. PROVIDE SLOPED HANGERS AT ALL WOOD I-JOISTS CONNECTIONS TO BEAMS.
9. PROVIDE 8" BOND BEAM @48" O.C FOR FULL HEIGHT OF WALL. REINFORCE W/ 2#4 CONT, UNLESS NOTED.
10. AT SPANDREL BEAMS, SEE PLAN. METAL BUILDING PROVIDER TO PROVIDE FRAMING FOR THE CONNECTION OF THE SPANDREL BEAMS TO THE METAL BUILDING COLUMNS. METAL BUILDING PROVIDER TO DESIGN SPANDREL BEAM FOR 600 PLF (SERVICE WIND LOAD) AND LIMIT DEFLECTION THE LESSER OF L/600, H/600, OR 0.3 INCHES.
11. EQUIPMENT LOCATIONS AND WEIGHTS SHOWN ARE APPROXIMATE. THE GENERAL CONTRACTOR SHALL COORDINATE AND VERIFY THE SIZE, WEIGHT, AND LOCATION OF ALL MECHANICAL UNITS WITH THE I-JOIST PROVIDER. CONTRACTOR TO PROVIDE ROOF EQUIPMENT FRAMING AT ALL MECHANICAL UNITS.
12. METAL BUILDING MANUFACTURER TO USE FRAME LINES AS INDICATED. WHERE THIS IS NOT FEASABLE, THE METAL BUILDING SHOP DRAWINGS SHOULD CLEARLY DESIGNATE ANY DEVIATIONS. ARCHITECT MUST APPROVE ANY CHANGES MADE TO THE FRAME LAYOUTS PRIOR TO FABRICATION.
13. LOCATIONS OF THE PORTAL FRAMES AND BRACED FRAMES FOR LATERAL STABILITY OF THE STRUCTURE TO BE AS DIRECTED BY THE METAL BUILDING MANUFACTURER. EVERY EFFORT SHOULD BE MADE TO COORDINATE FRAMES WITH ARCHITECTURAL CONTRACT DOCUMENTS. LOCATIONS AND SIZE OF FRAME ELEMENTS SHOULD BE CLEARLY DEFINED ON SHOP DRAWINGS SUBMITTED FOR APPROVAL.
14. METAL BUILDING PROVIDER TO LIMIT THE DEPTH OF PORTAL FRAME MEMBERS AS TO AVOID OPENINGS. SEE ARCH DRAWINGS FOR ADDITIONAL INFORMATION.
15. WHERE ROOF SUPPORTED/SUSPENDED MECHANICAL UNITS ARE LOCATED, THE CONTRACTOR SHALL COORDINATE ALL LOADING, CURB SUPPORTS, OPENING FRAMING, AND ANY ADDITIONAL SUPPORT REQUIREMENTS WITH THE METAL BUILDING PROVIDER. THE METAL BUILDING PROVIDER SHALL PROVIDE ALL FRAMING AS REQUIRED TO SUPPORT THE MECHANICAL UNITS, CURBS, AND ADDITIONAL MECHANICAL LOADS.

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Ashville, AL 35953

GMC # AHUN250003

ALABAMA REGISTERED PROFESSIONAL No. 22596 CRAIG WINN P.E.

01/09/2026

ROOF FRAMING PLAN

S2.02

2/4/2026 1:43:33 PM

TEMPLATE VERSION: 2025.1

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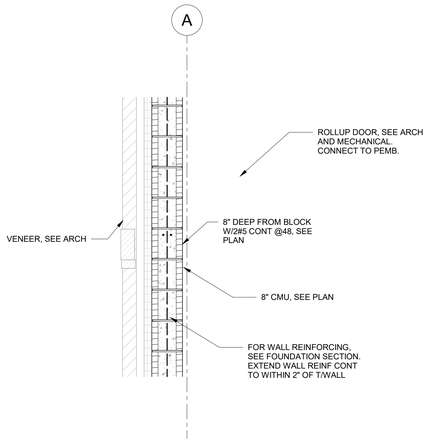
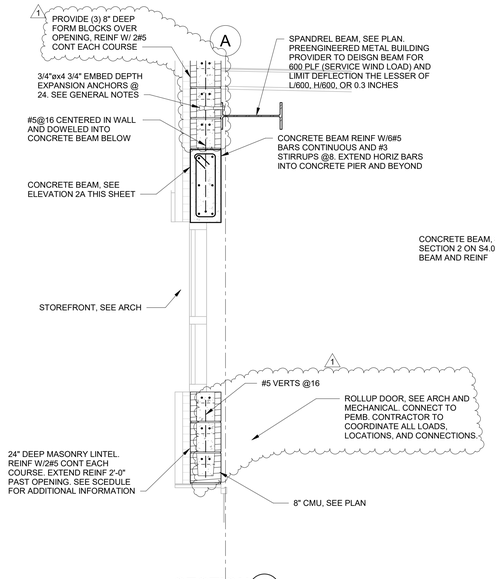


SECTION 1/S4.00
3/4" = 1'-0"



SECTION 2/S4.00
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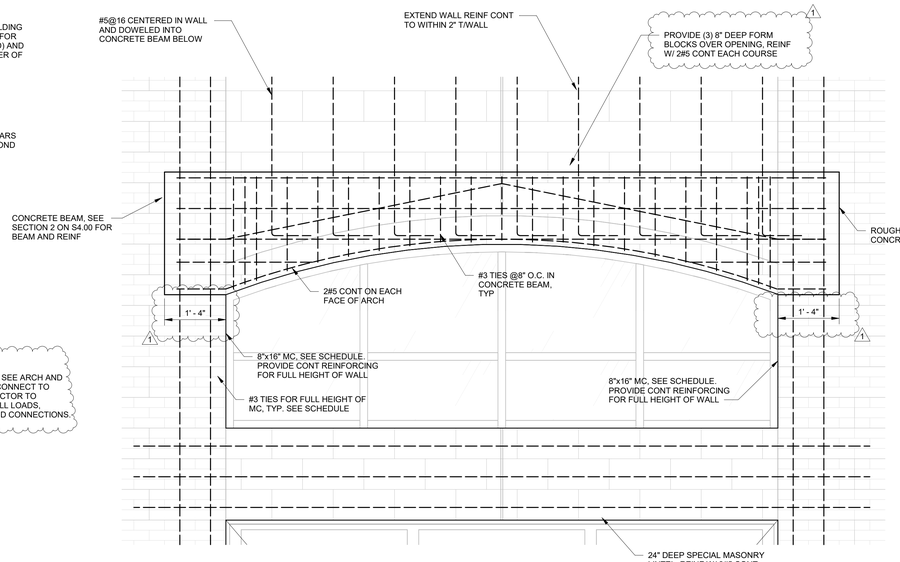
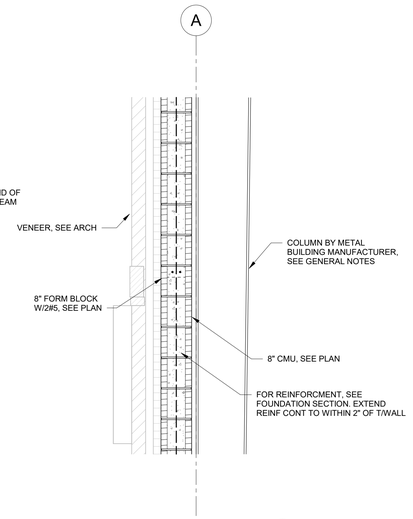


ELEVATION 2A/S4.00
3/4" = 1'-0"



SECTION 3/S4.00
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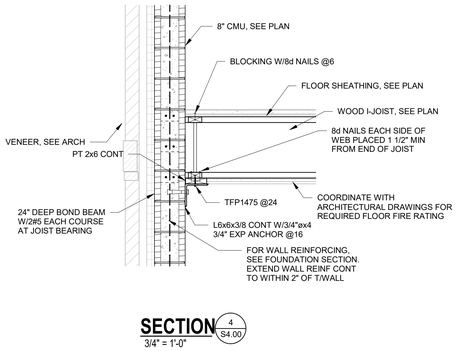

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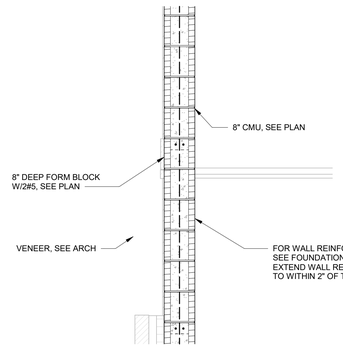

SECTION 5/S4.00
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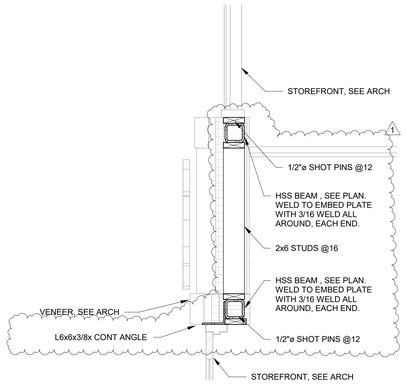

SECTION 6/S4.00
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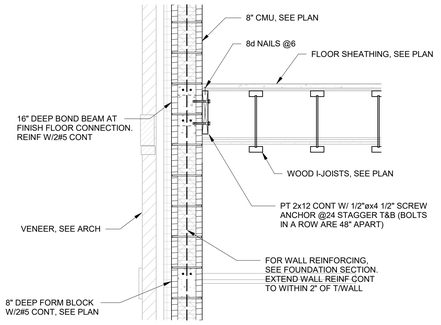

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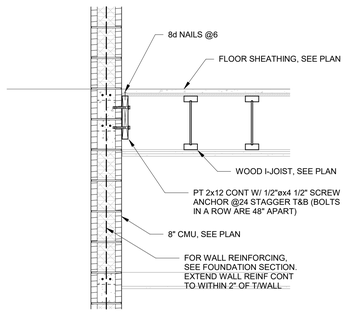

SECTION 8/S4.00
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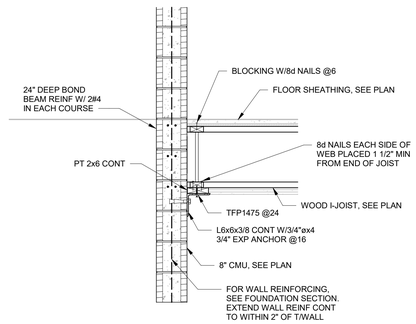

SECTION 9/S4.00
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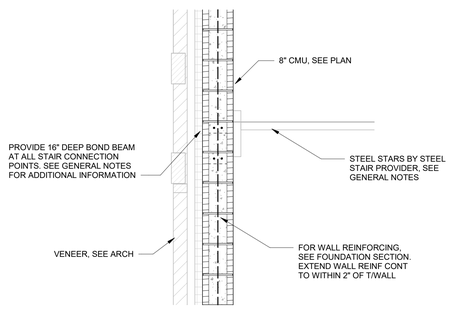

SECTION 10/S4.00
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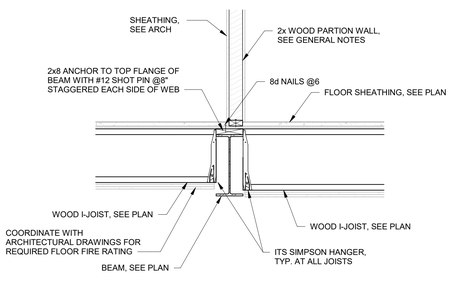

SECTION 11/S4.00
3/4" = 1'-0"

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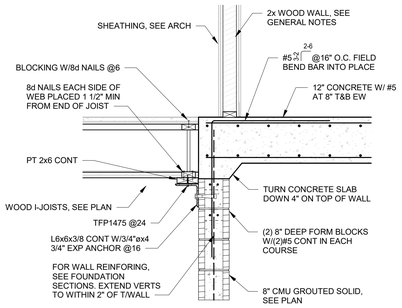
ALABAMA REGISTERED No. 22596 PROFESSIONAL CRAIG WINN
Craig Winn, P.E.
01/09/2026

SECTIONS AND DETAILS

S4.00

2/4/2026 1:43:37 PM TEMPLATE VERSION: 2025.1

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5280
Job Number **25-085**



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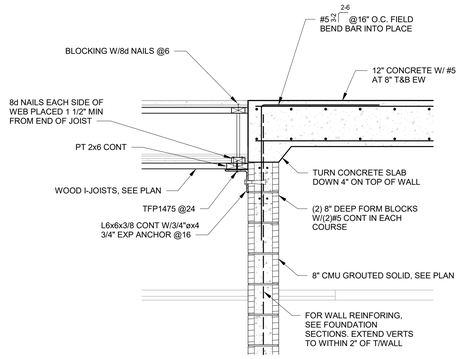
3/4" = 1'-0"



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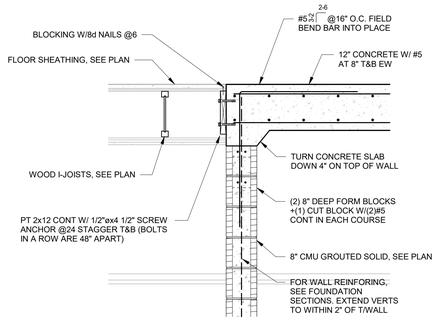

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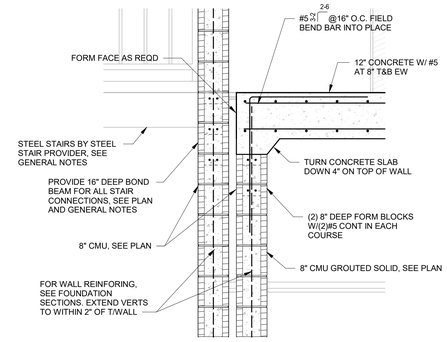

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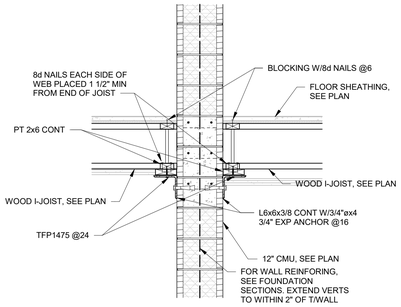

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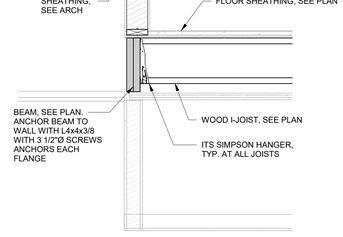

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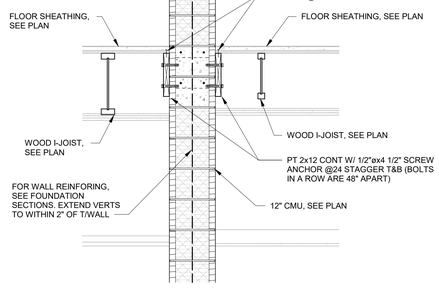

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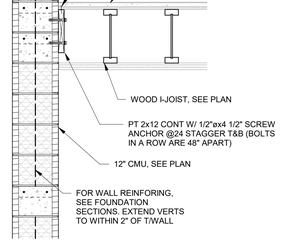

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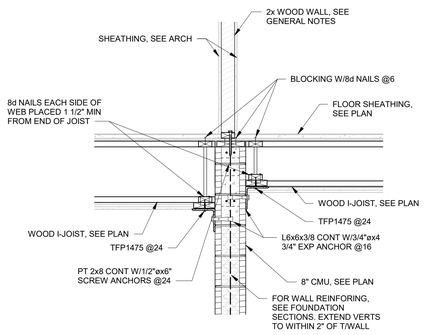

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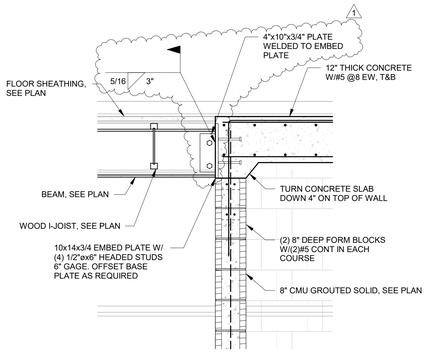

SECTION 10 S4.01
3/4" = 1'-0"

GMC

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117 Jefferson Street North
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1	

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ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

01/09/2026

SECTIONS AND DETAILS

S4.01

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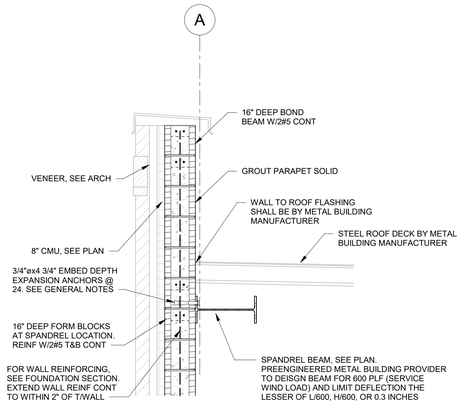

SECTION 1/S5.00
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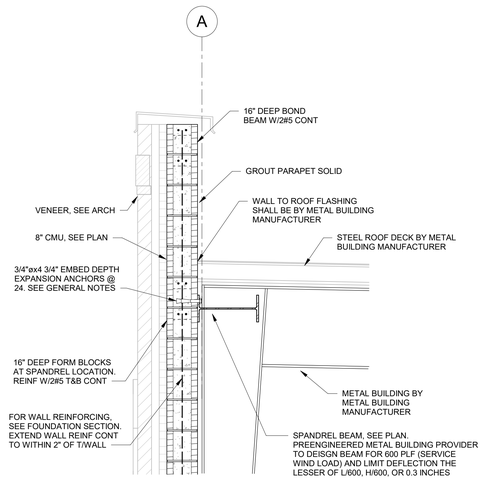

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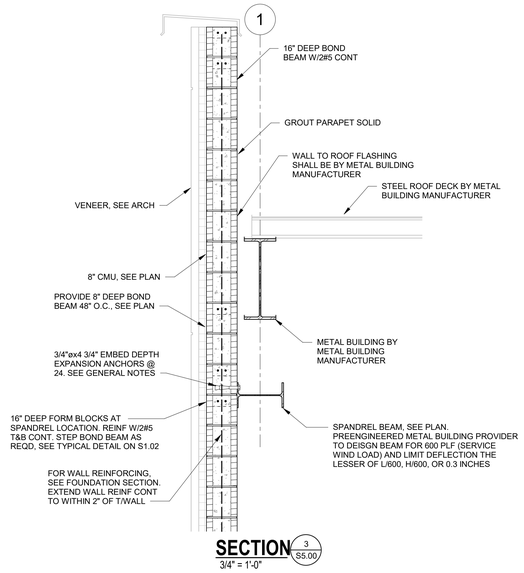

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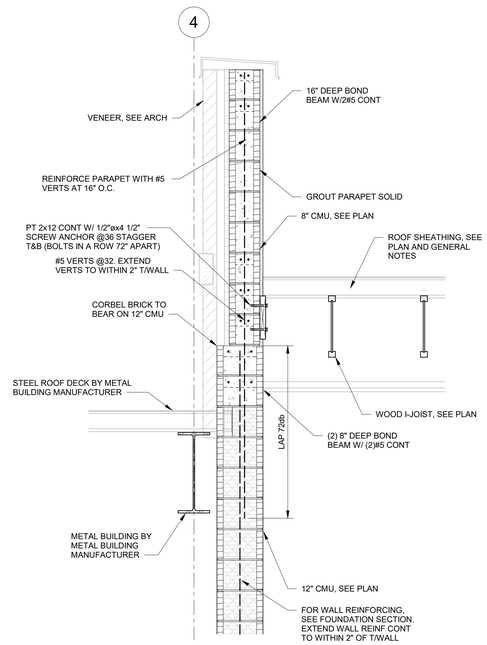

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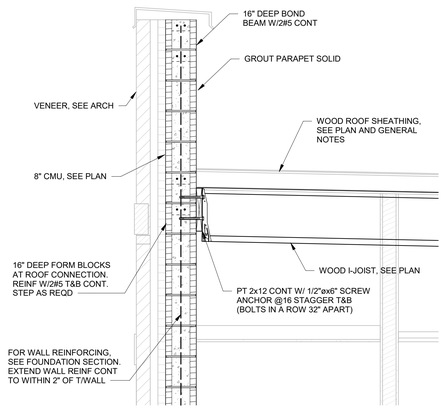

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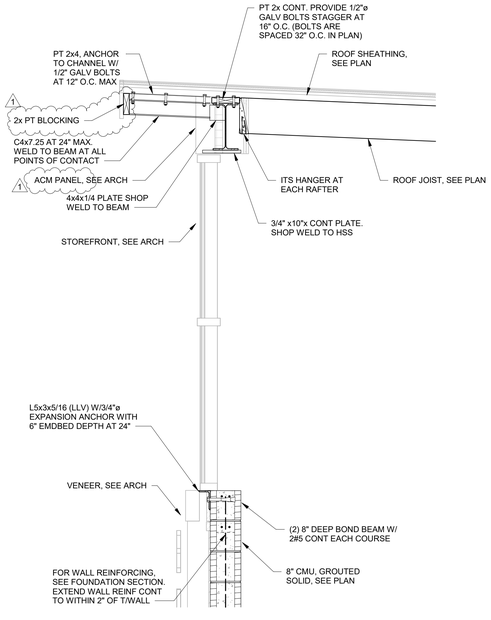

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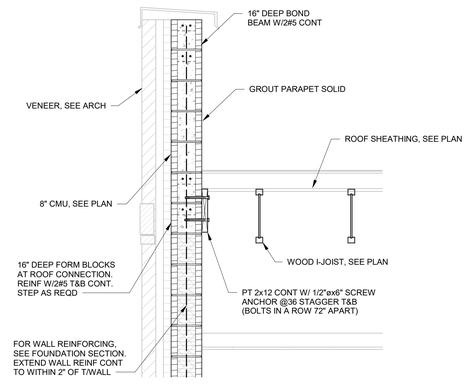
3/4" = 1'-0"



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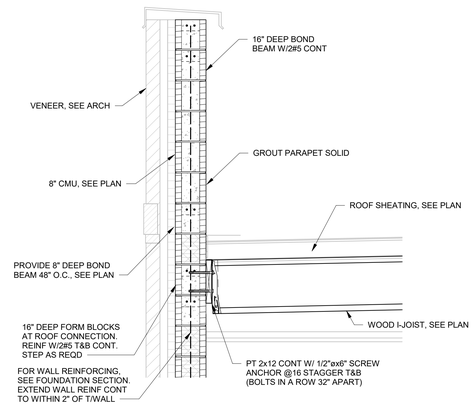

SECTION 8/S5.00
3/4" = 1'-0"

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ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

ALABAMA REGISTERED No. 22596 PROFESSIONAL ENGINEER CRAIG WILLIAMS
H. Craig Williams P.E.
01/09/2026

SECTIONS AND DETAILS

S5.00

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STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
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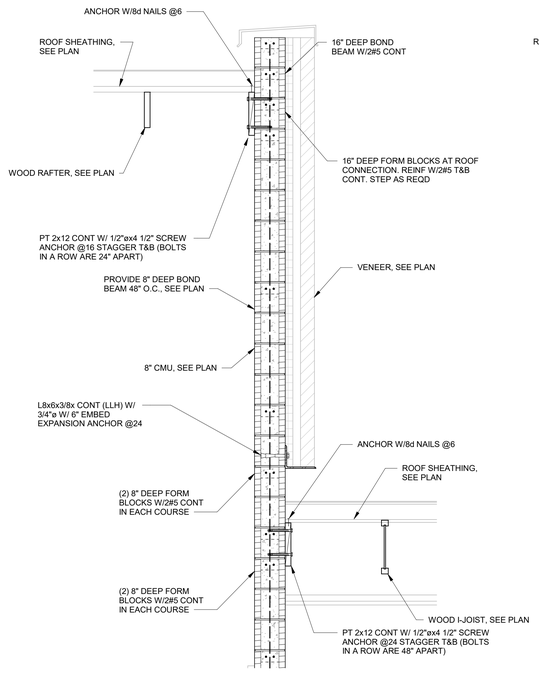
Job Number **25-085**



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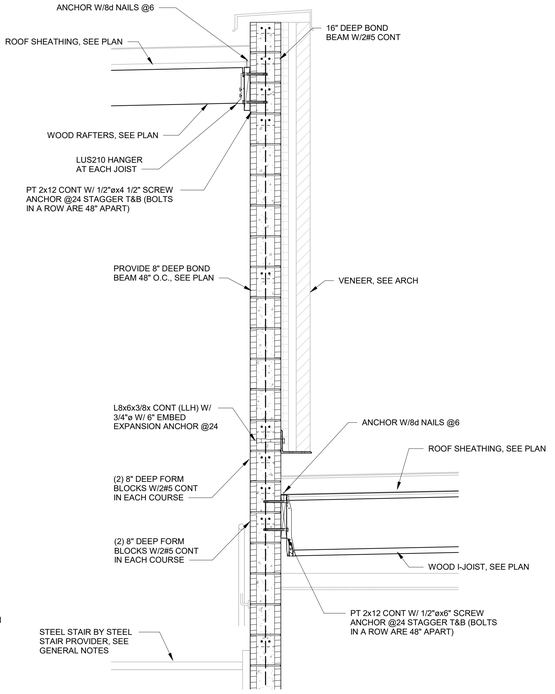

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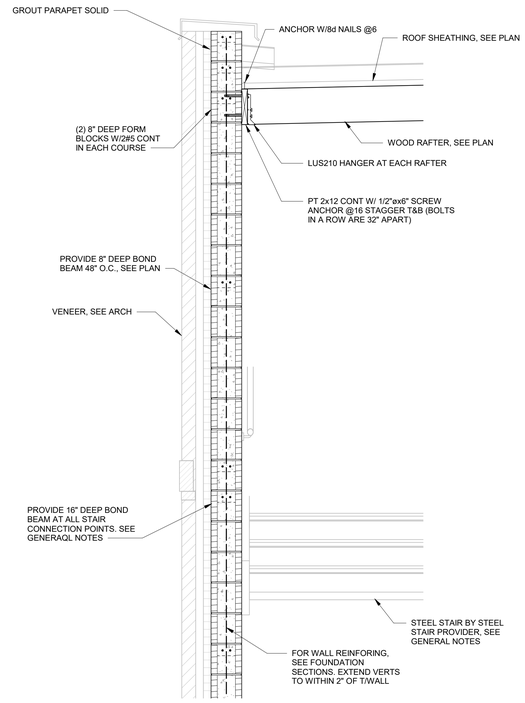

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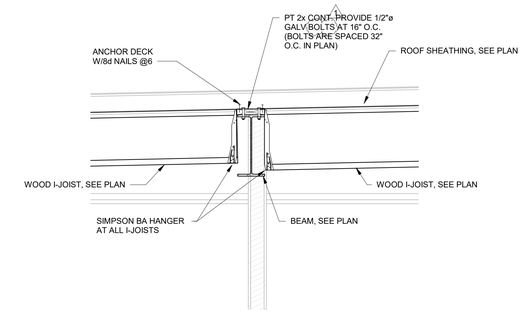

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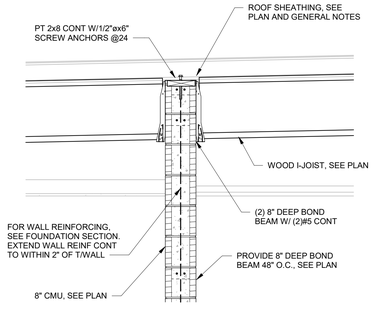

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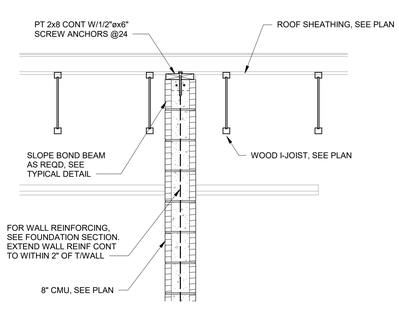

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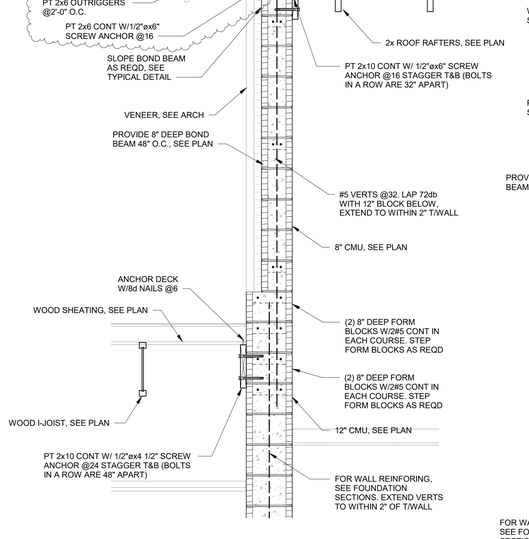

SECTION 7 S5.01
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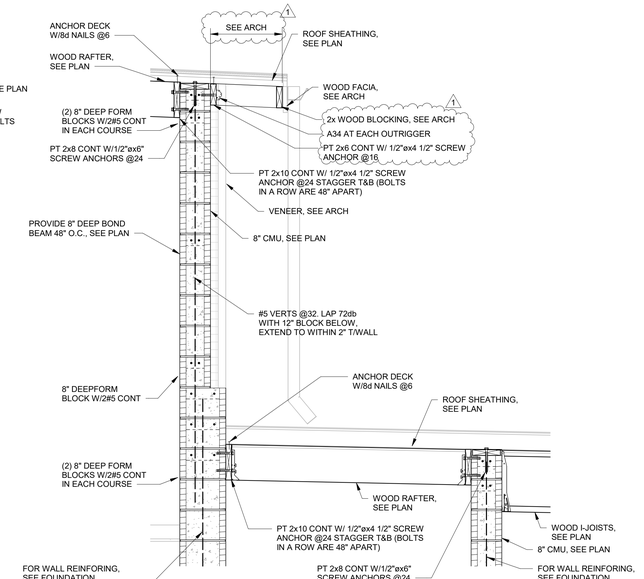

SECTION 8 S5.01
3/4" = 1'-0"

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ASHVILLE FIRE STATION #2
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Ashville, AL 35953

GMC # AHUN250003

ALABAMA REGISTERED No. 22596 PROFESSIONAL ENGINEER CRAIG WILSON
Craig Wilson P.E.
01/09/2026

SECTIONS AND DETAILS

S5.01

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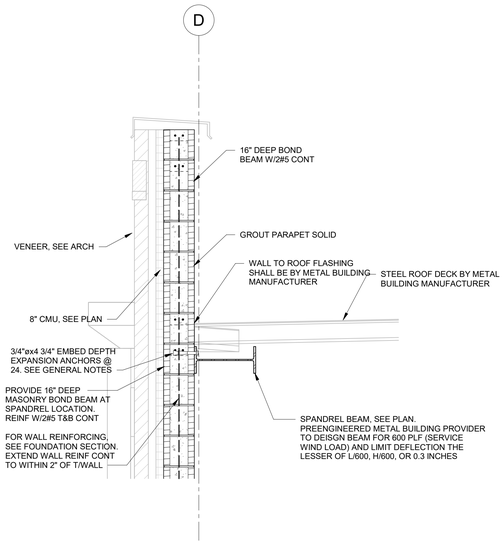

SECTION 1 / S5.02
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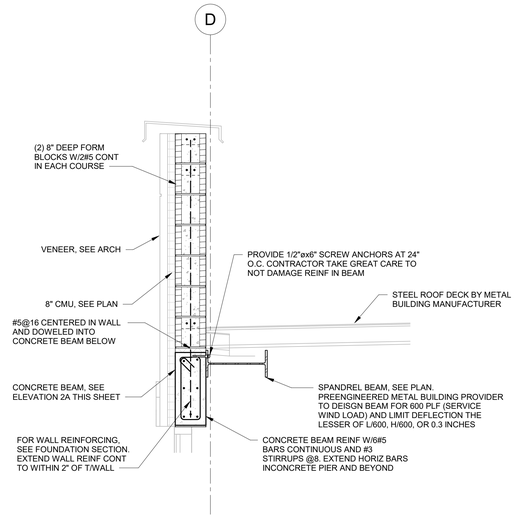

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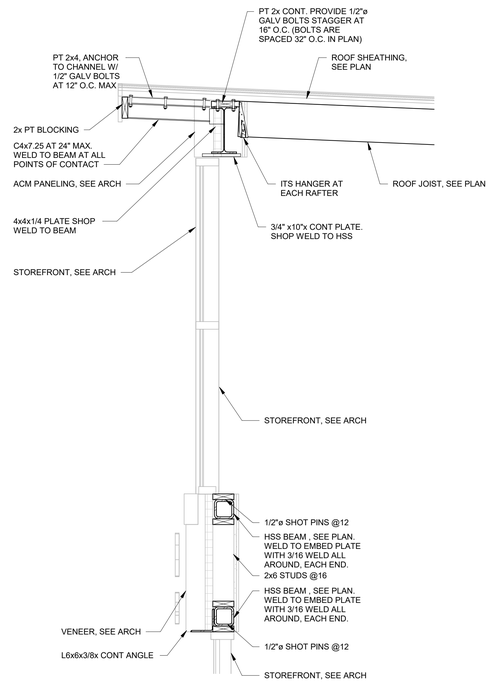

SECTION 3 / S5.02
3/4" = 1'-0"

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
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tel 205-824-5200
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Job Number **25-085**

GMC

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ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

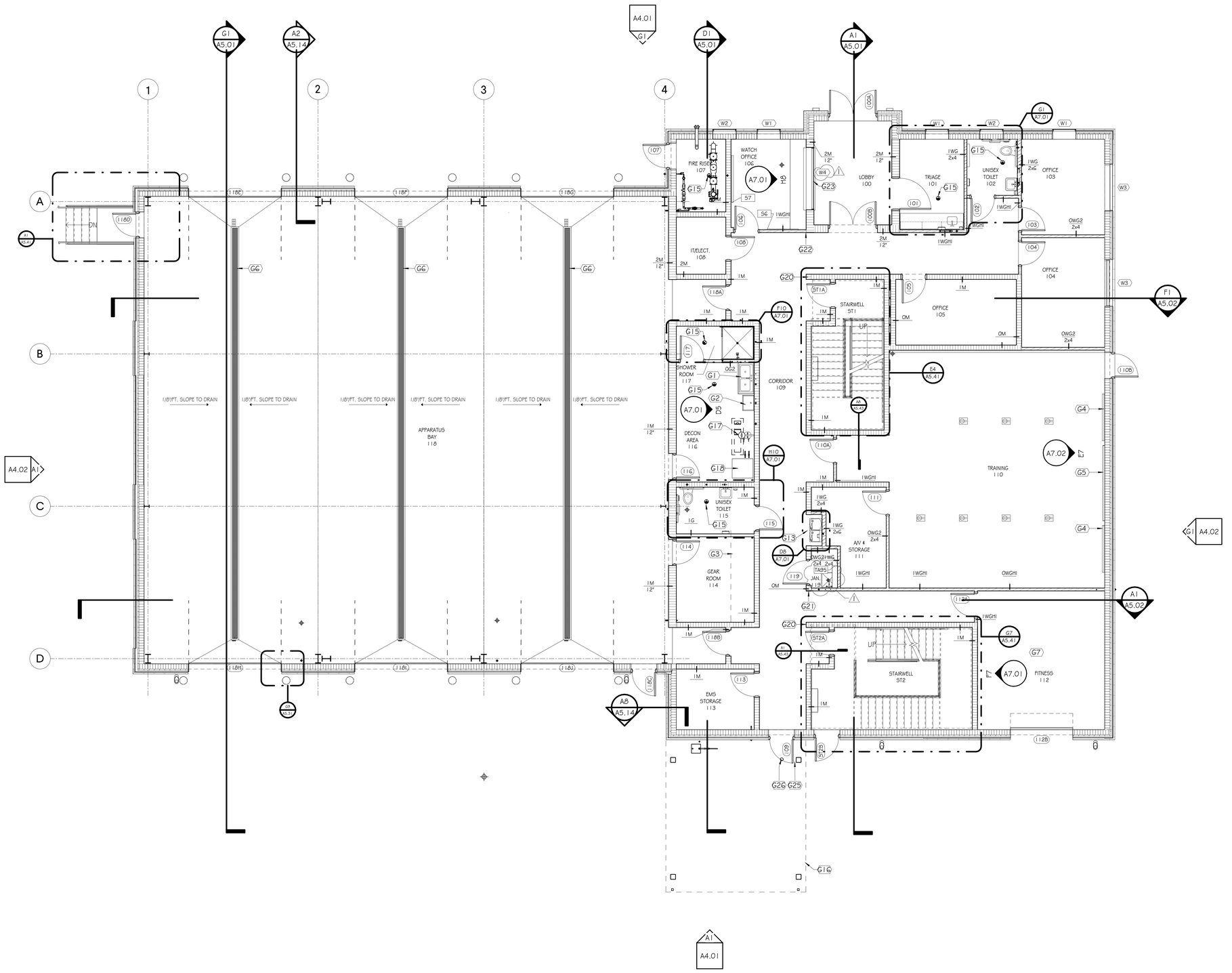
ALABAMA REGISTERED No. 22506 PROFESSIONAL ENGINEER HUGH CRAIG WINN
H. Craig Winn P.E.
01/09/2026

GMC # AHUN250003

SECTIONS AND DETAILS

S5.02

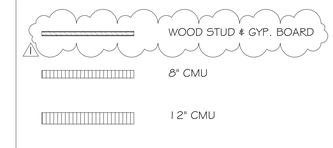
2/4/2026 1:43:40 PM TEMPLATE VERSION: 2025.1



KEY NOTES - GENERAL CONSTRUCTION

KEY	KEYNOTE
G1	2 COMPARTMENT SINK. SEE PLUMBING.
G2	UTILITY SINK. SEE PLUMBING.
G3	GEAR STORAGE UNIT. N.I.C O.F.O.I
G4	MARKER BOARD. SEE INTERIORS.
G5	MOTORIZED DROP SCREEN.
G6	TRENCH DRAIN. SEE PLUMBING.
G7	COORDINATE WITH ELECTRICAL FOR DEDICATED CIRCUITS FOR EXERCISE EQUIPMENT.
G8	REFRIGERATOR O.F.C.I. COORDINATE WITH PLUMBING FOR UNDERLINE AND ELECTRICAL FOR POWER.
G9	GAS RANGE AND HOOD. SEE MECHANICAL. O.F.C.I.
G10	ADJUSTABLE SHELVING. SEE DETAIL B7 ON A7.11.
G11	DBL BOWL 9.5. SINK. SEE PLUMBING.
G12	WASHER AND DRYER BY OTHERS. COORDINATE WITH MECHANICAL AND ELECTRICAL FOR POWER, HOT AND COLD WATER HOOKUP AND DRYER VENT
G13	DRINKING FOUNTAIN WITH BOTTLE FILLER.
G15	AREA FLOOR DRAIN. SEE PLUMBING.
G16	PREFABRICATED COVERED PATIO CANOPY. SEE DETAILS.
G17	EYE WASH STATION.
G18	INDUSTRIAL TURNOUT GEAR WASHER EXTRACTOR. SEE SPECIFICATIONS.
G19	30" X 30" FIRE RATED ACCESS PANEL. SEE SPECS. SILL HEIGHT WITH ARCHITECT,INCLUDE INTERIOR SIGNAGE. SEE SHEET A9.01.
G20	END CMU SPECIAL SHAPE
G21	END CMU SPECIAL SHAPE. ALIGN AND FLUSH GYP WITH CMU FACE
G22	ALIGN FLUSH ITH CAULK JOINT
G23	RATED PASS THROUGH WINDOW. SEE SPECS.
G24	24" X 24" ACCESS PANEL. SEE SPECS. COORDINATE SILL HEIGHT WITH ARCHITECT.
G25	PROVIDE DOOR STOP MOUNTED INTO SLAB
G26	CLEANOUT FLUSH WITH CONCRETE. SEE PLUMNBING.

WALL LEGEND



GENERAL NOTES - FLOOR PLAN

1.

PLAN NORTH / TRUE NORTH

A2 FLOOR PLAN - LEVEL 1

SCALE: 3/16" = 1'-0"

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ASHVILLE FIRE STATION #2
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Ashville, AL 35953

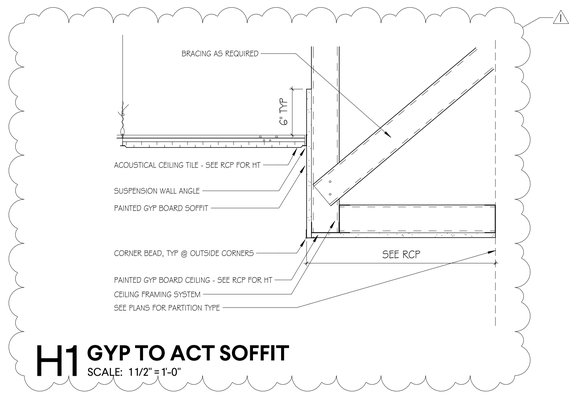
GMC # AHUN250003

01/09/2026

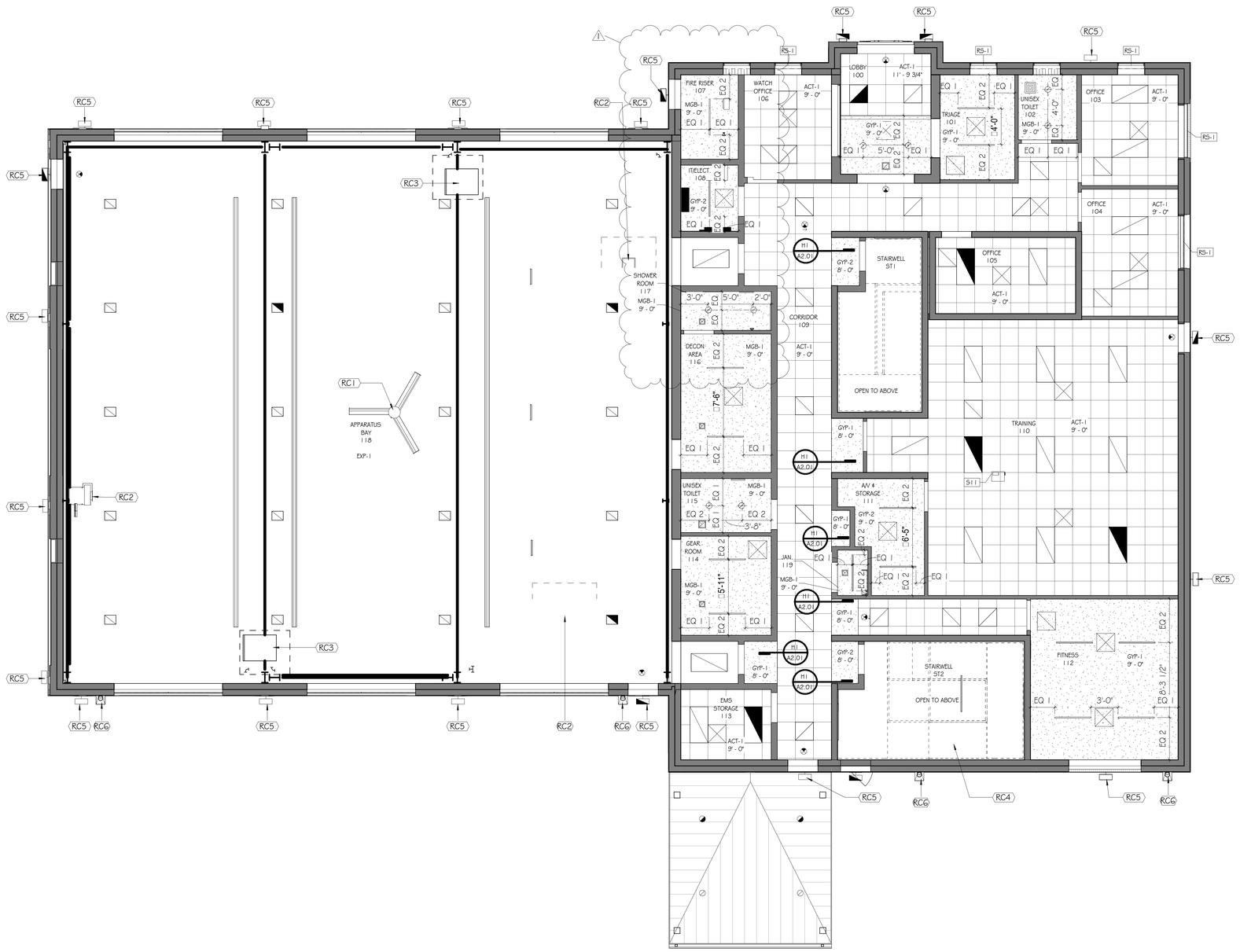
FLOOR PLAN - LEVEL 1

A1.10

2/6/2026 4:35:24 PM TEMPLATE VERSION: 2025.1



H1 GYP TO ACT SOFFIT
SCALE: 1 1/2" = 1'-0"



A2 REFLECTED CEILING PLAN - LEVEL 1
SCALE: 3/16" = 1'-0"

PLAN NORTH / TRUE NORTH

REFLECTED CEILING PLAN LEGEND

CEILING FINISHES:
- LAY-IN ACOUSTICAL CEILING SYSTEM - 2X2'
- LAY-IN ACOUSTICAL CEILING SYSTEM - 2X4'
- GYP BOARD - INTERIOR. EIFS SOFFIT - EXTERIOR
- EXPOSED STRUCTURE
- 2X2 LAY-IN METAL CEILING SYSTEM
- 2X2 LAY-IN WOOD CEILING SYSTEM
- RECESSED LIGHT POCKET

MECHANICAL:
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN

LIGHTING:
- 2X2 LAY-IN FIXTURE
- 2X4 LAY-IN FIXTURE
- LINEAR SUSPENDED FIXTURE
- LINEAR RECESSED FIXTURE
- LINEAR WALL MT. FIXTURE
- CIRCULAR SURF. MT. FIXTURE
- CIRCULAR PENDANT FIXTURE
- CIRCULAR RECESSED FIXTURE
- CIRCULAR WALL MT.FIXTURE
- EXIT LIGHT

CEILING FINISH LEGEND

NUMBER	TYPE	DETAIL DESCRIPTION
ACT-1	ACOUSTICAL CEILING TILE SYSTEM	MANUFACTURER: ARMSTRONG CEILINGS STYLE: ULTIMA HIGH NRC - SQUARE LAY-IN 15/16" 1940 COLOR: WHITE SIZE: 24" X 24" X 7/8" SUSPENSION SYSTEM: 15/16" PRELUDE - WHITE
GYP-1	GYP BOARD CEILING	PAINTED GYP BOARD CEILING COLOR: PNT-3 (U.N.O. ON RCP)
GYP-2	GYP BOARD CEILING	TYPE X GYP BOARD CEILING - 1 HOUR FIRE RATED COLOR: PNT-3 (U.N.O. ON RCP)
MGB-1	MOISTURE RESISTANT GYP BOARD CEILING	PAINTED GYP BOARD CEILING - MOISTURE RESISTANT COLOR: PNT-3 (U.N.O. ON RCP)
EXP-1	EXPOSED TO STRUCTURE	EXPOSED TO STRUCTURE - WITH NO FINISH

KEY NOTES - REFLECTED CEILING PLAN

KEY	KEYNOTE
RC1	SEE ELECTRICAL AND SPEC. FOR FAN
RC2	EXHAUST FAN SEE MECH.
RC3	GAS FIRED HEATER, SEE MECHANICAL AND ELECTRICAL
RC4	SEE ELECTRICAL FOR LIGHTING IN STAIRWELL
RC5	EXTERIOR WALL SCONCE, TYP. SEE ELECTRICAL
RC6	PREFINISHED SCUPPER BOX & DOWN SPOUT.
RC7	LOCATION OF ACCESS PANEL TO BE COORDINATED IN FIELD.

GENERAL NOTES - REFLECTED CEILING PLAN

1. CEILING HEIGHTS SHALL BE AS NOTED ON REFLECTED CEILING PLANS.
2. WHEREVER POSSIBLE NO CEILING TILE SHOULD BE LESS THAN 6" IN ANY DIRECTION.
3. SEE ELECTRICAL FOR ALL LIGHT FIXTURE TYPES AND SIZES.
4. SEE MECHANICAL FOR ALL DIFFUSER TYPES AND SIZES.
5. SEE INTERIOR ELEVATIONS FOR WALL MOUNTED LIGHT FIXTURE HEIGHT AND LOCATIONS.
6. COORDINATE LOCATIONS OF ALL LIGHTS, DIFFUSERS, AND DEVICES BETWEEN THIS RCP AND MECHANICAL, FIRE PROTECTION, AND ELECTRICAL. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND BEFORE PROCEEDING.
7. WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER FIXTURE OVER DOOR BUT MAINTAIN MINIMUM OVERHEAD CLEARANCE.
8. ALL SPRINKLER HEADS IN ACOUSTIC CEILINGS SHALL BE CENTERED IN CEILING TILE.
9. ALL BULKHEADS TO BE 4" BELOW ADJACENT ACT CEILING UNLESS NOTED OTHERWISE.
10. SEE ELECTRICAL FOR EMERGENCY LIGHTS.
11. PROVIDE CEILING ACCESS PANEL IN ALL RESTROOMS. COORDINATE LOCATION IN FIELD TO BEST ACCESS ABOVE CEILING MECHANICAL EQUIPMENT.

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DRAWN BY: Author
CHECKED BY: Checker

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

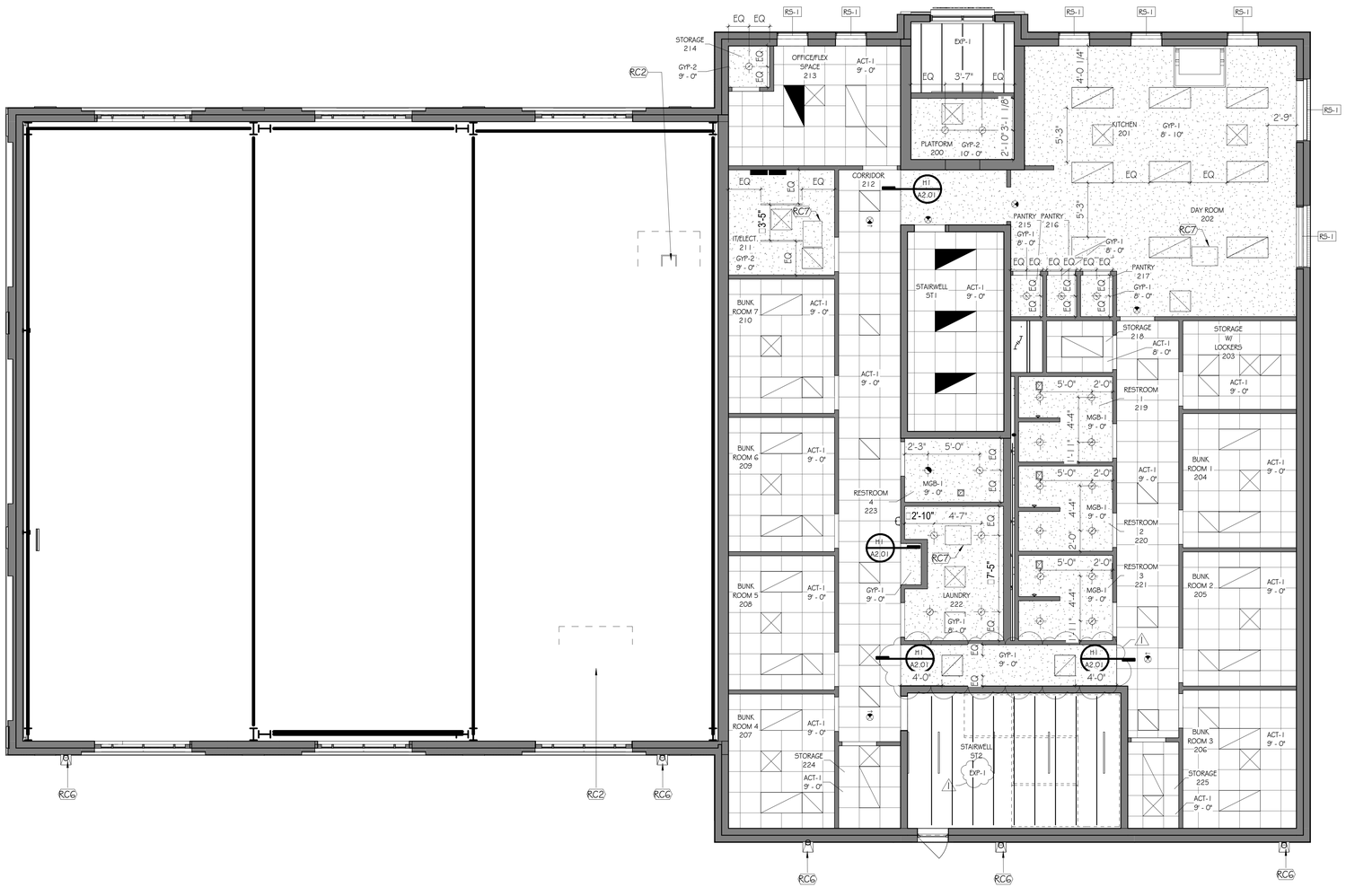
STATE of ALABAMA
Jay W Purkey
9063
Owens Cross Roads
Alabama
REGISTERED ARCHITECT

01/09/2026

REFLECTED CEILING PLAN - LEVEL 1

A2.01

TEMPLATE VERSION: 2025.1
2/6/2026 4:35:27 PM



A1 REFLECTED CEILING PLAN - LEVEL 2

SCALE: 3/16" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING FINISHES:

- LAY-IN ACOUSTICAL CEILING SYSTEM - 2X2'
- LAY-IN ACOUSTICAL CEILING SYSTEM - 2X4'
- GYP BOARD - INTERIOR EIFS SOFFIT - EXTERIOR
- EXPOSED STRUCTURE
- 2X2 LAY-IN METAL CEILING SYSTEM
- 2X2 LAY-IN WOOD CEILING SYSTEM
- RECESSED LIGHT POCKET

MECHANICAL:

- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN

LIGHTING:

- 2X2 LAY-IN FIXTURE
- 2X4 LAY-IN FIXTURE
- LINEAR SUSPENDED FIXTURE
- LINEAR RECESSED FIXTURE
- LINEAR WALL MT. FIXTURE
- CIRCULAR SURF. MT. FIXTURE
- CIRCULAR PENDANT FIXTURE
- CIRCULAR RECESSED FIXTURE
- CIRCULAR WALL MT.FIXTURE
- EXIT LIGHT

CEILING FINISH LEGEND

NUMBER	TYPE	DETAIL DESCRIPTION
ACT-1	ACOUSTICAL CEILING TILE SYSTEM	MANUFACTURER: ARMSTRONG CEILINGS STYLE: ULTIMA HIGH NRC - SQUARE LAY-IN 15/16" 1940 COLOR: WHITE SIZE: 24" X 24" X 7/8" SUSPENSION SYSTEM: 15/16" PRELUDE - WHITE
GYP-1	GYP BOARD CEILING	PAINTED GYP BOARD CEILING COLOR: PNT-3 (U.N.O. ON RCP)
GYP-2	GYP BOARD CEILING	TYPE X GYP BOARD CEILING - 1 HOUR FIRE RATED COLOR: PNT-3 (U.N.O. ON RCP)
MGB-1	MOISTURE RESISTANT GYP BOARD CEILING	PAINTED GYP BOARD CEILING - MOISTURE RESISTANT COLOR: PNT-3 (U.N.O. ON RCP)
EXP-1	EXPOSED TO STRUCTURE	EXPOSED TO STRUCTURE - WITH NO FINISH

KEY NOTES - REFLECTED CEILING PLAN

KEY	KEYNOTE
RC1	SEE ELECTRICAL AND SPEC. FOR FAN
RC2	EXHAUST FAN SEE MECH.
RC3	GAS FIRED HEATER, SEE MECHANICAL AND ELECTRICAL
RC4	SEE ELECTRICAL FOR LIGHTING IN STAIRWELL
RC5	EXTERIOR WALL SCONCE, TYP. SEE ELECTRICAL
RC6	PREFINISHED SCUPPER BOX & DOWN SPOUT.
RC7	LOCATION OF ACCESS PANEL TO BE COORDINATED IN FIELD.

GENERAL NOTES - REFLECTED CEILING PLAN

1. CEILING HEIGHTS SHALL BE AS NOTED ON REFLECTED CEILING PLANS.
2. WHEREVER POSSIBLE NO CEILING TILE SHOULD BE LESS THAN 6" IN ANY DIRECTION.
3. SEE ELECTRICAL FOR ALL LIGHT FIXTURE TYPES AND SIZES.
4. SEE MECHANICAL FOR ALL DIFFUSER TYPES AND SIZES.
5. SEE INTERIOR ELEVATIONS FOR WALL MOUNTED LIGHT FIXTURE HEIGHT AND LOCATIONS.
6. COORDINATE LOCATIONS OF ALL LIGHTS, DIFFUSERS, AND DEVICES BETWEEN THIS RCP AND MECHANICAL, FIRE PROTECTION, AND ELECTRICAL. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND BEFORE PROCEEDING.
7. WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER FIXTURE OVER DOOR BUT MAINTAIN MINIMUM OVERHEAD CLEARANCE.
8. ALL SPRINKLER HEADS IN ACOUSTIC CEILINGS SHALL BE CENTERED IN CEILING TILE.
9. ALL BULKHEADS TO BE 4" BELOW ADJACENT ACT CEILING UNLESS NOTED OTHERWISE.
10. SEE ELECTRICAL FOR EMERGENCY LIGHTS.
11. PROVIDE CEILING ACCESS PANEL IN ALL RESTROOMS. COORDINATE LOCATION IN FIELD TO BEST ACCESS ABOVE CEILING MECHANICAL EQUIPMENT.

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ASHVILLE FIRE STATION #2
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Ashville, AL 35953

GMC # AHUN250003

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REFLECTED CEILING PLAN - LEVEL 2

A2.02

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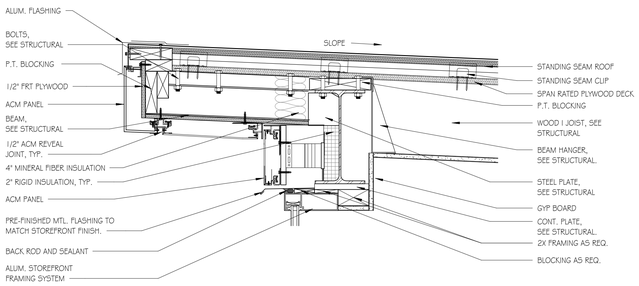
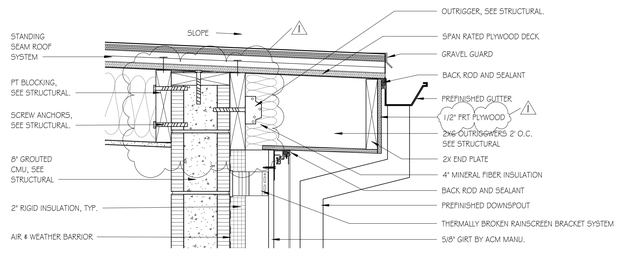
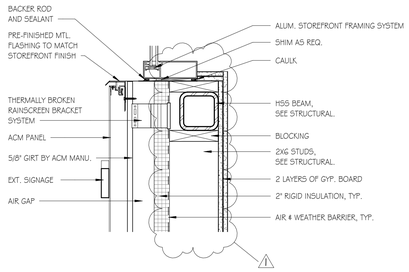


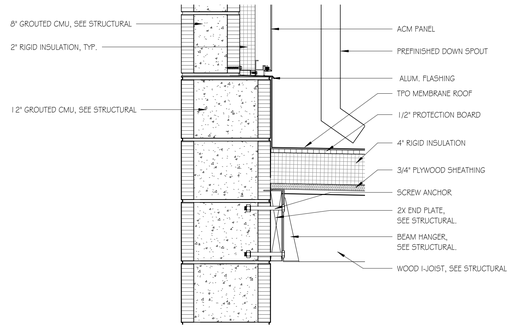
H1 DETAIL - FRONT TOWER ROOF
SCALE: 1 1/2" = 1'-0"



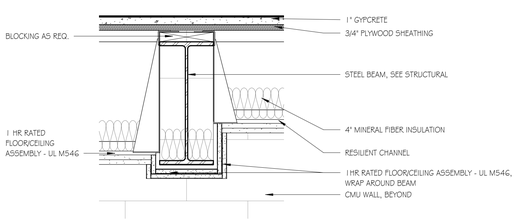
H5 DETAIL - BACK TOWER ROOF
SCALE: 1 1/2" = 1'-0"



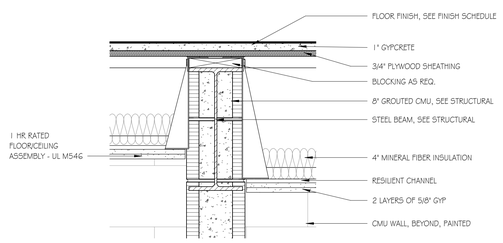
E1 DETAIL - TOWER STOREFRONT CONNECTION
SCALE: 1 1/2" = 1'-0"



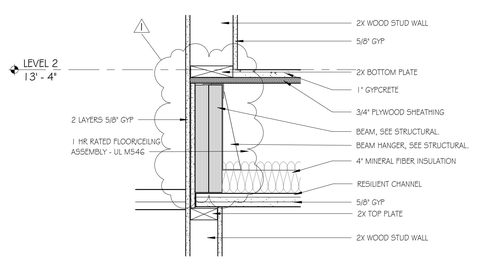
E5 DETAIL - TOWER TO ROOF CONNECTION
SCALE: 1 1/2" = 1'-0"



A1 DETAIL - STEEL BEAM
SCALE: 1 1/2" = 1'-0"



A4 DETAIL - AT CMU & STEEL BEAM
SCALE: 1 1/2" = 1'-0"



A7 DETAIL - AT STUD WALL & WOOD JOIST
SCALE: 1 1/2" = 1'-0"

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BUILDING SECTION DETAILS

A5.03

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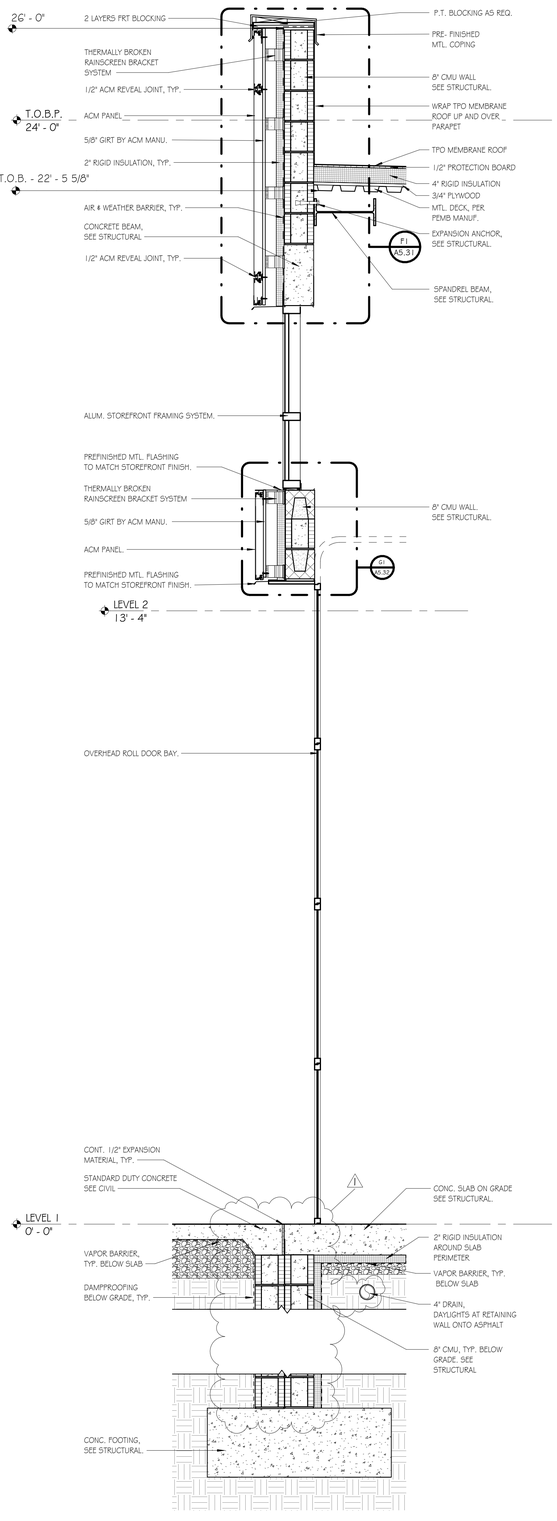

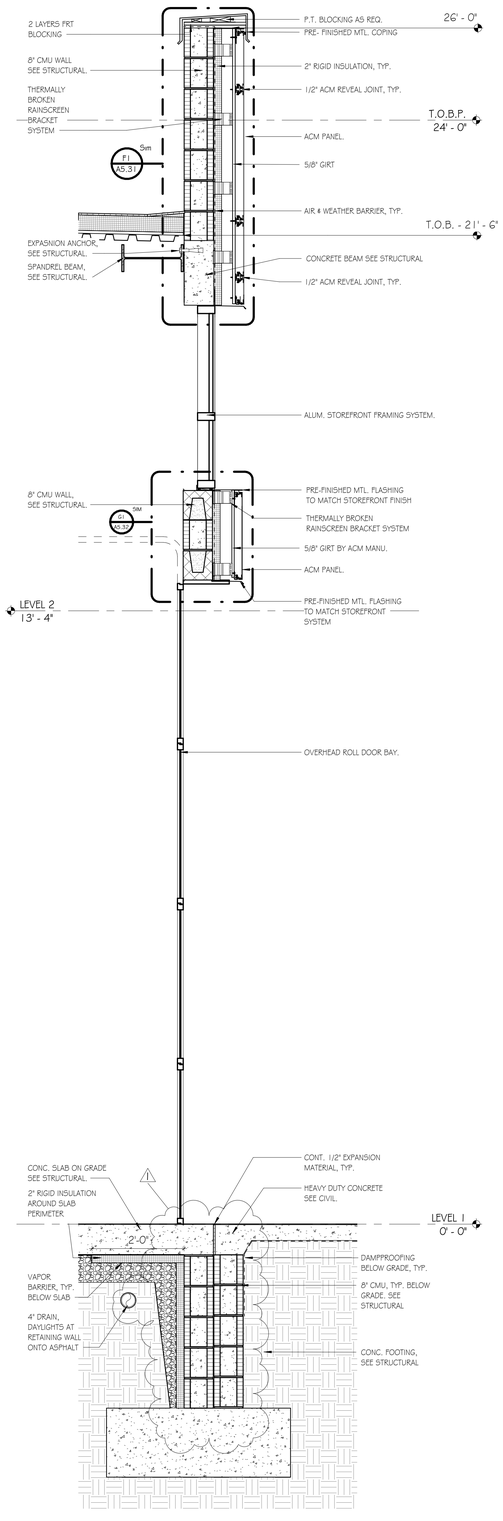

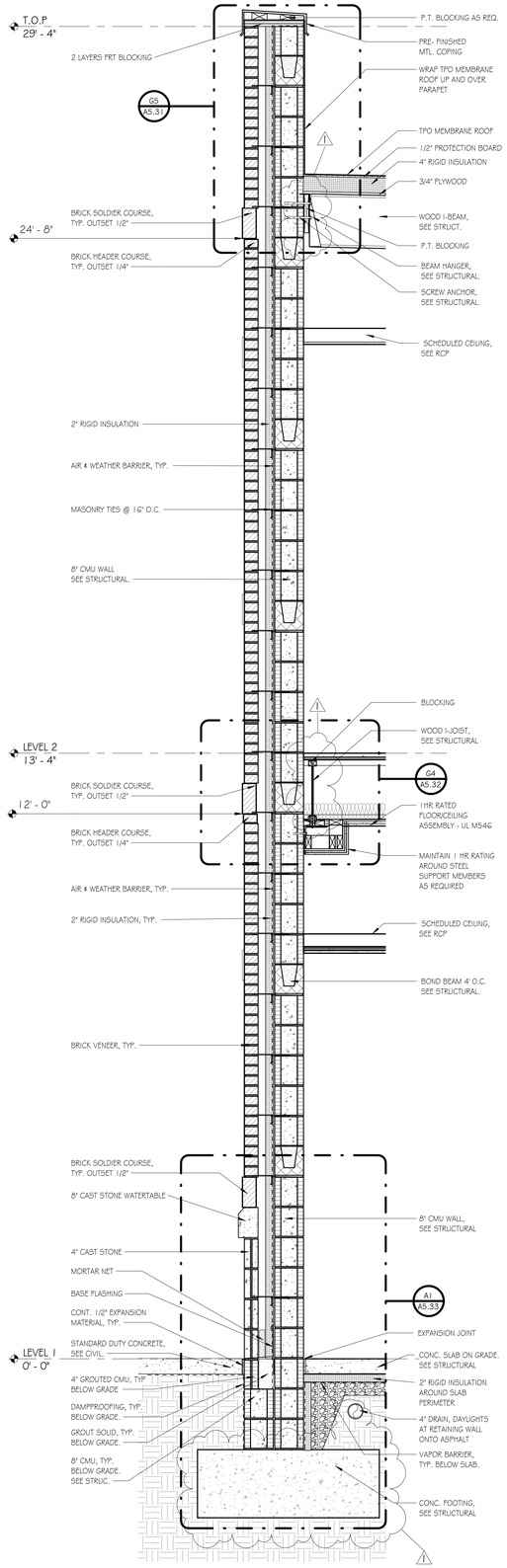

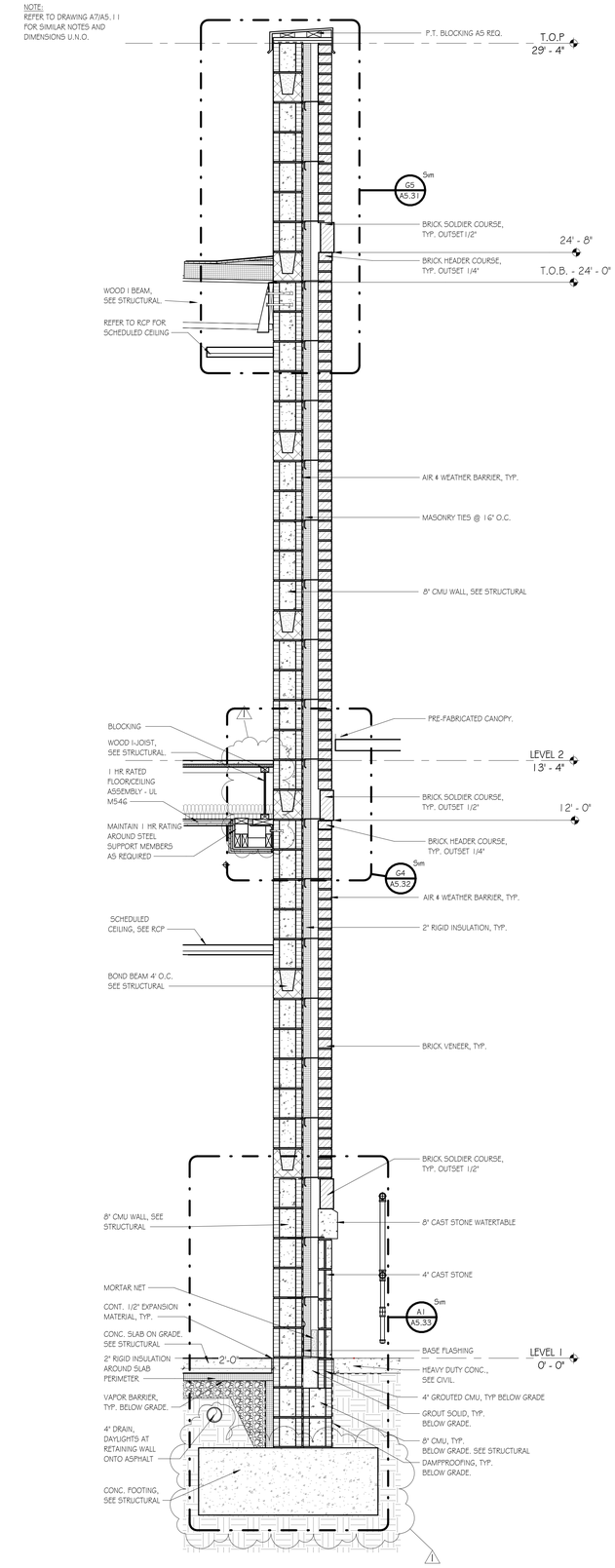

A1 APPARATUS BAY DOORS NORTH
SCALE: 3/4" = 1'-0"

A4 APPARATUS BAY DOORS SOUTH
SCALE: 3/4" = 1'-0"

A7 FIRE RISER- NORTH WALL
SCALE: 3/4" = 1'-0"

A10 EMS STORAGE - SOUTH WALL
SCALE: 3/4" = 1'-0"

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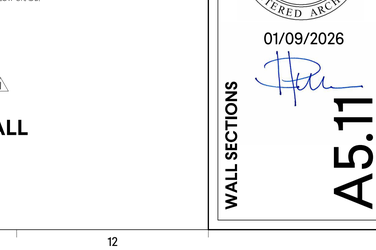

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WALL SECTIONS

A5.11

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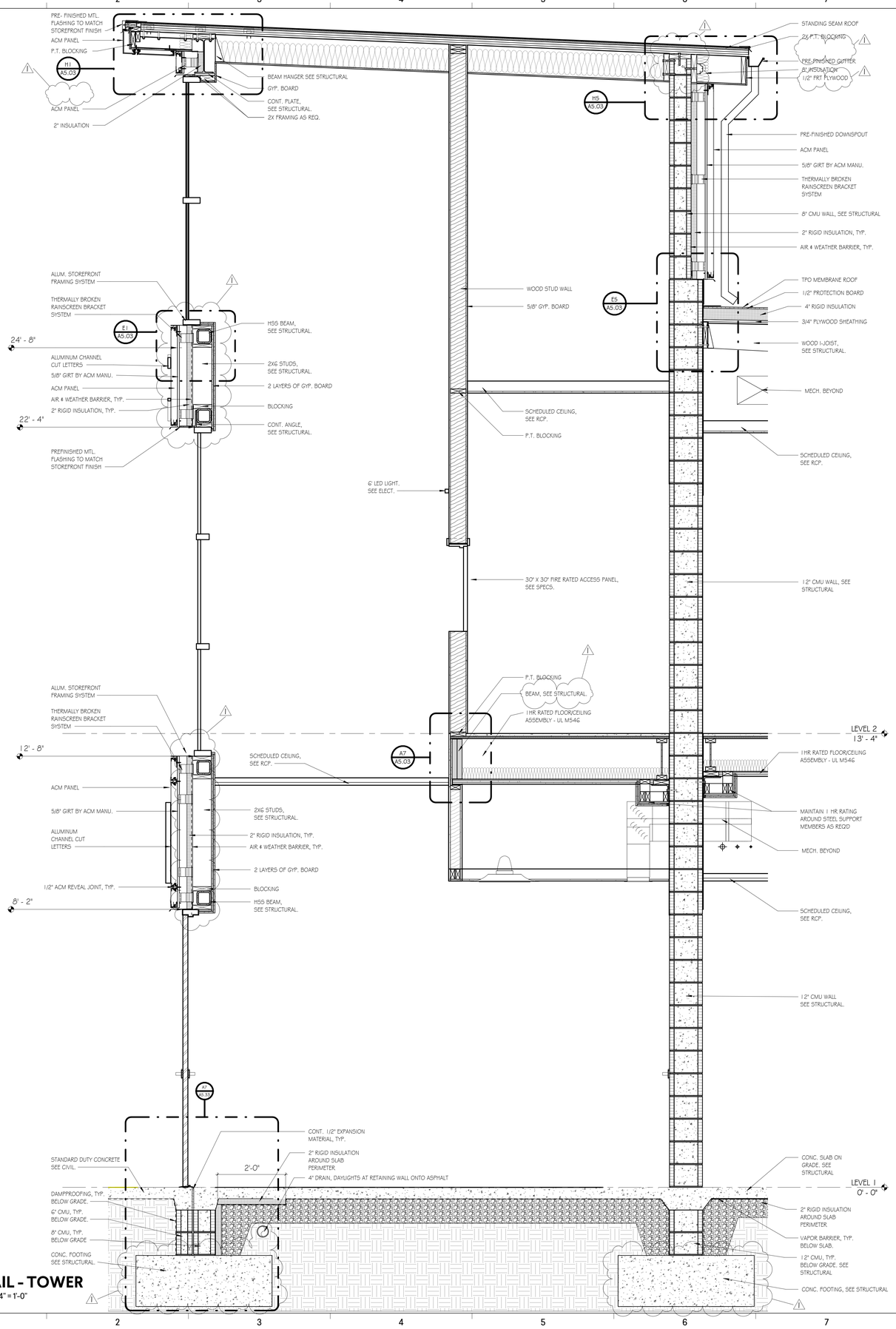
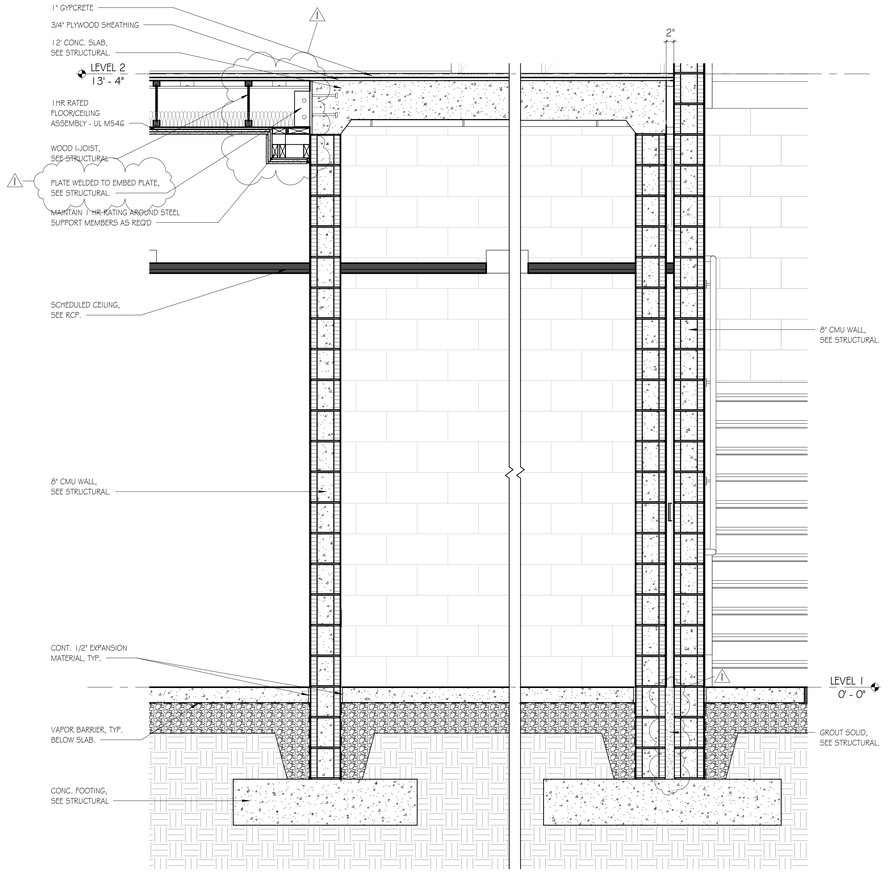


A1 DETAIL - TOWER
SCALE: 3/4" = 1'-0"



A8 DETAIL - OFFICE
SCALE: 3/4" = 1'-0"

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WALL SECTIONS

A5.12

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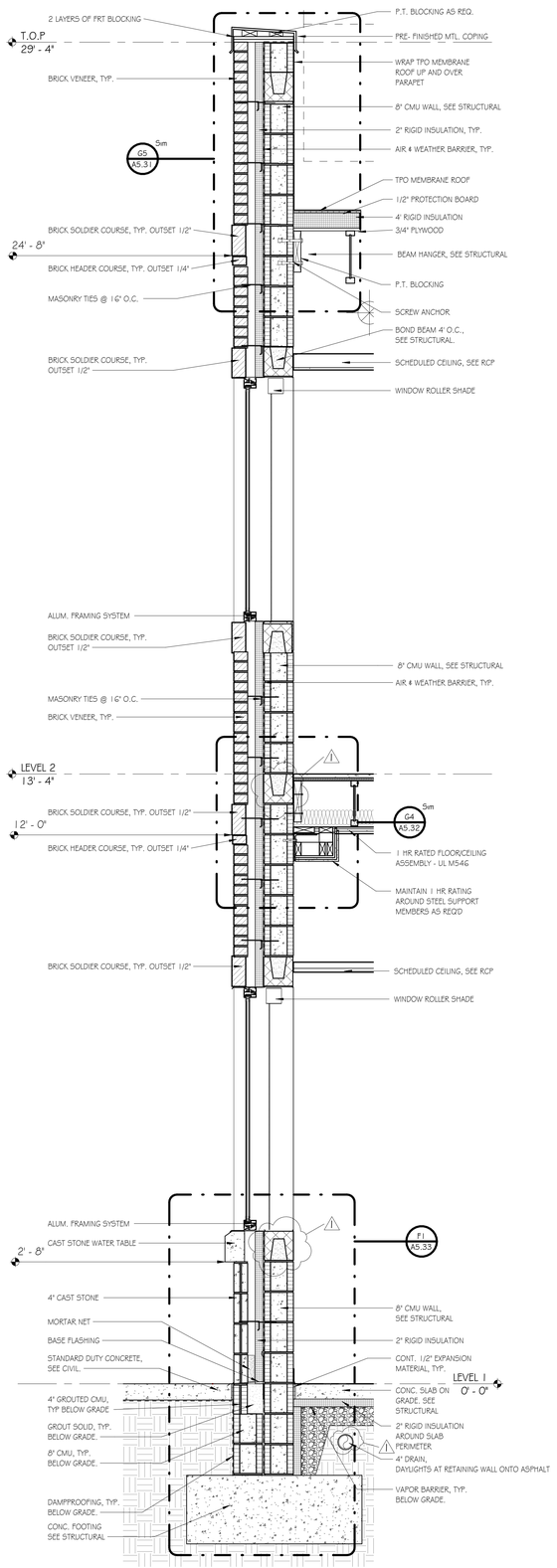
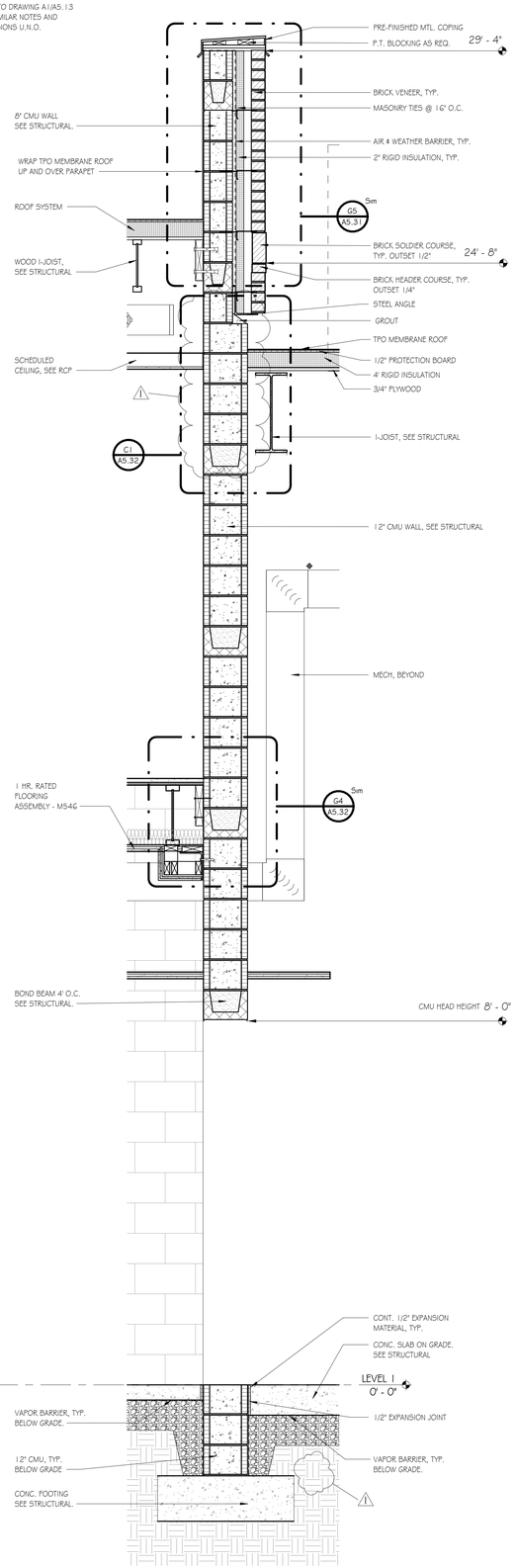
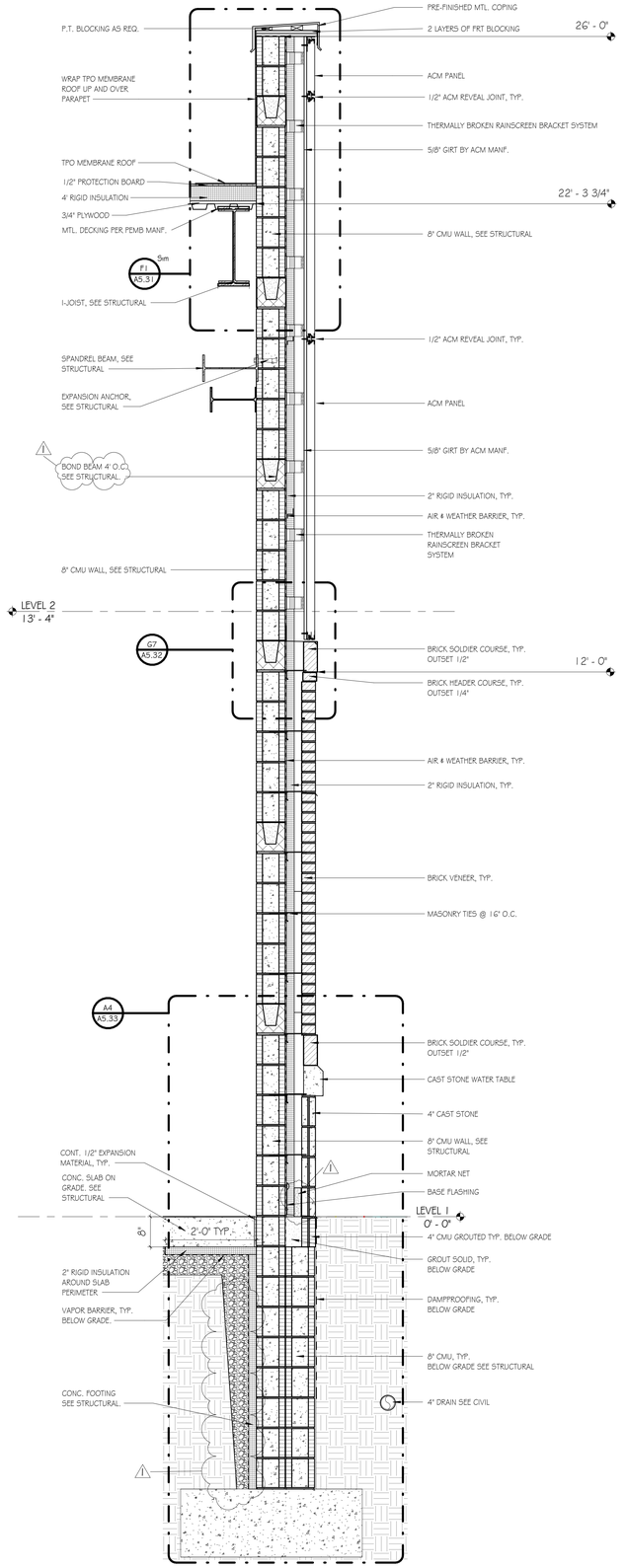


A1 ADMIN - EAST WALL
SCALE: 3/4" = 1'-0"



A5 APPARATUS BAY & IT/ELECT. OR STORAGE
SCALE: 3/4" = 1'-0"



A9 APPARATUS BAY - EXIT WALL WEST
SCALE: 3/4" = 1'-0"

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WALL SECTIONS

A5.13

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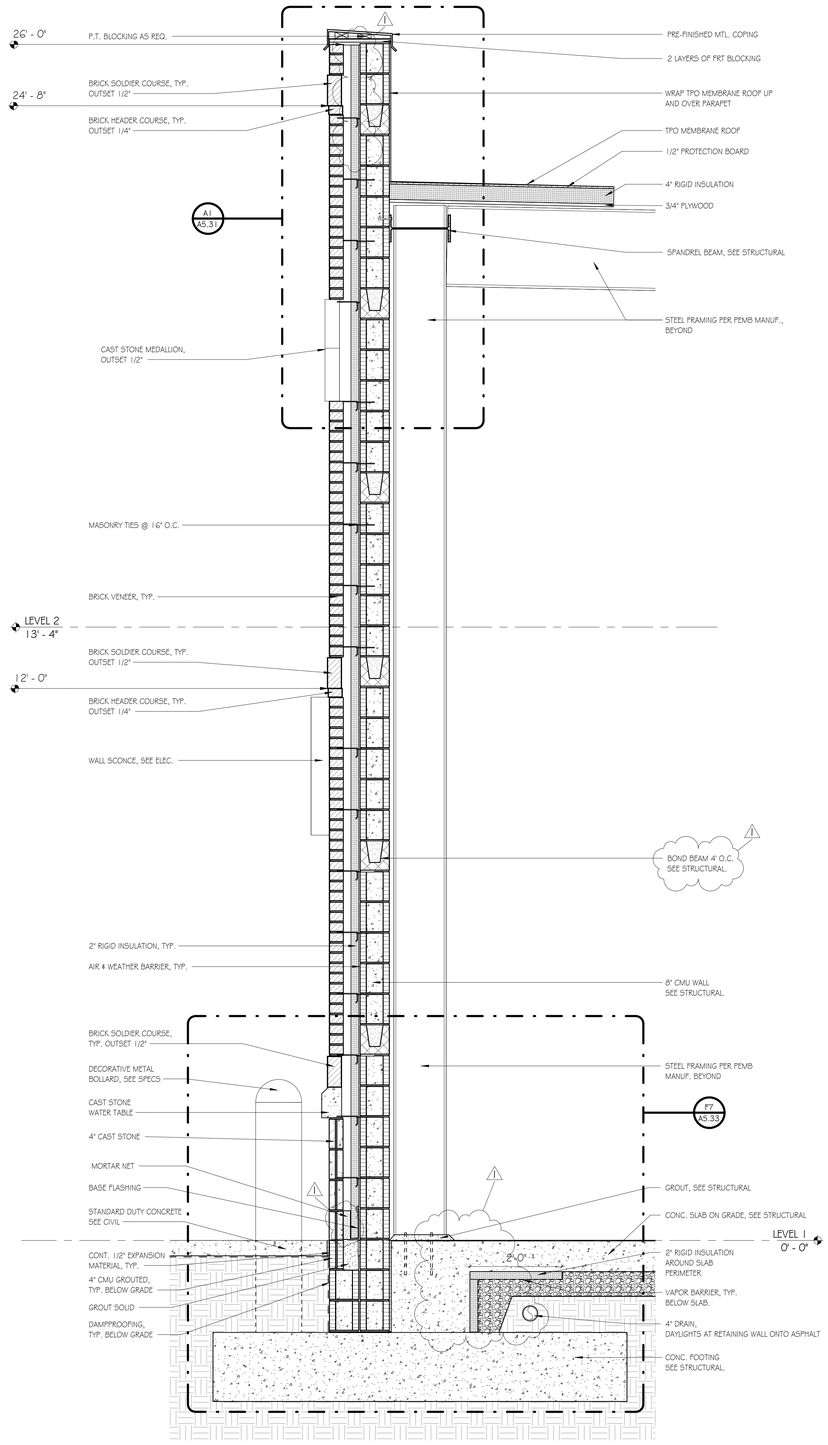
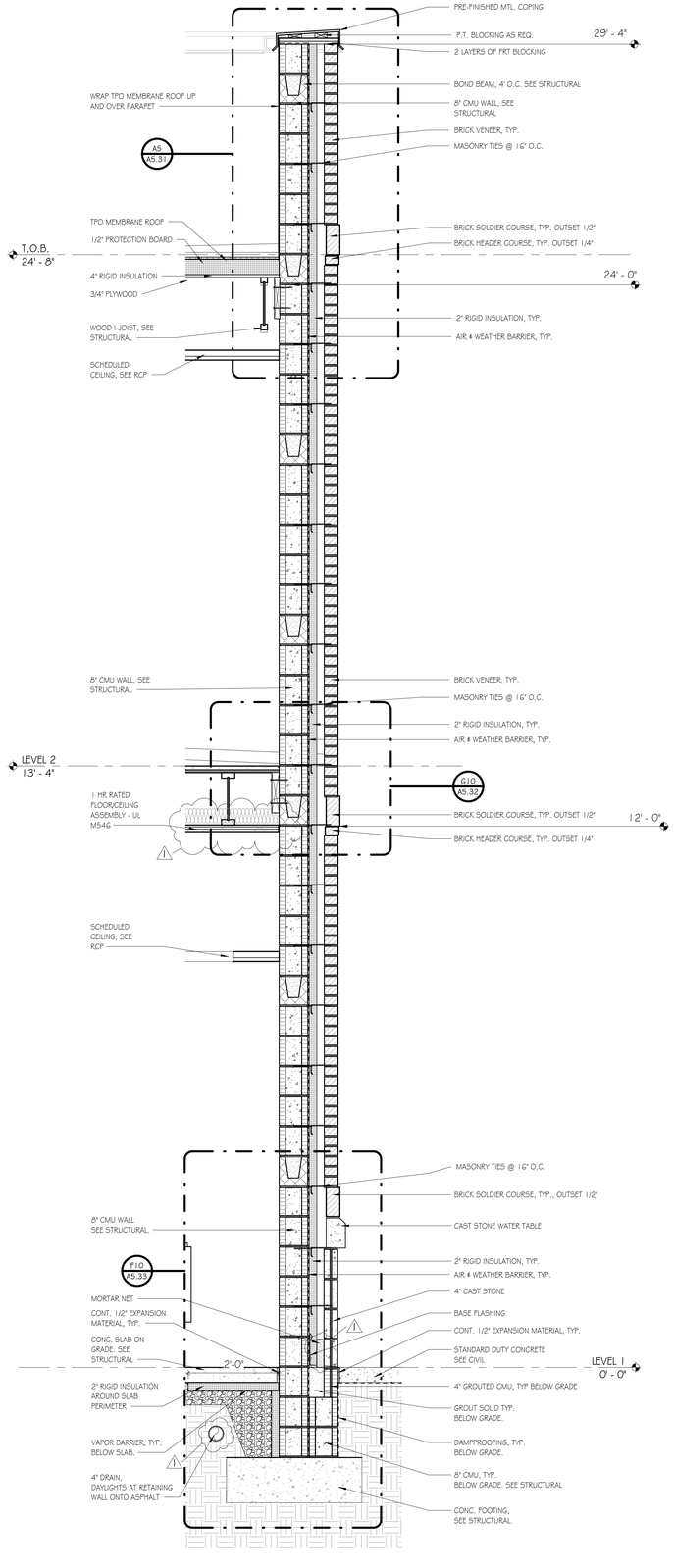


A2 APPARATUS BAY
SCALE: 3/4" = 1'-0"



A8 EMS STORAGE
SCALE: 3/4" = 1'-0"

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WALL SECTIONS

A5.14

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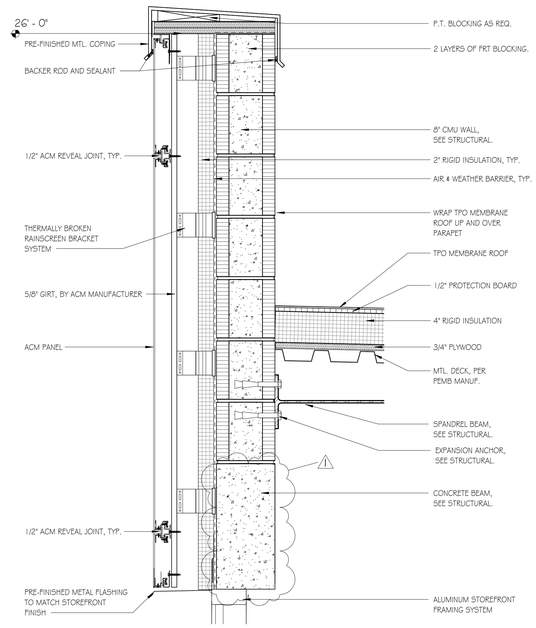
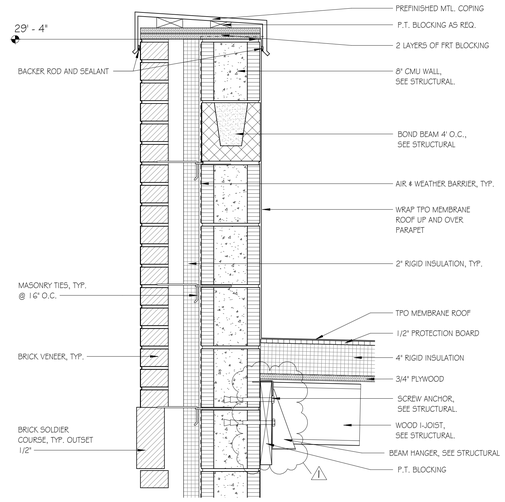
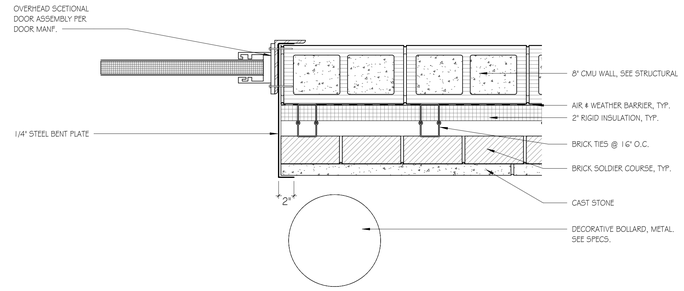


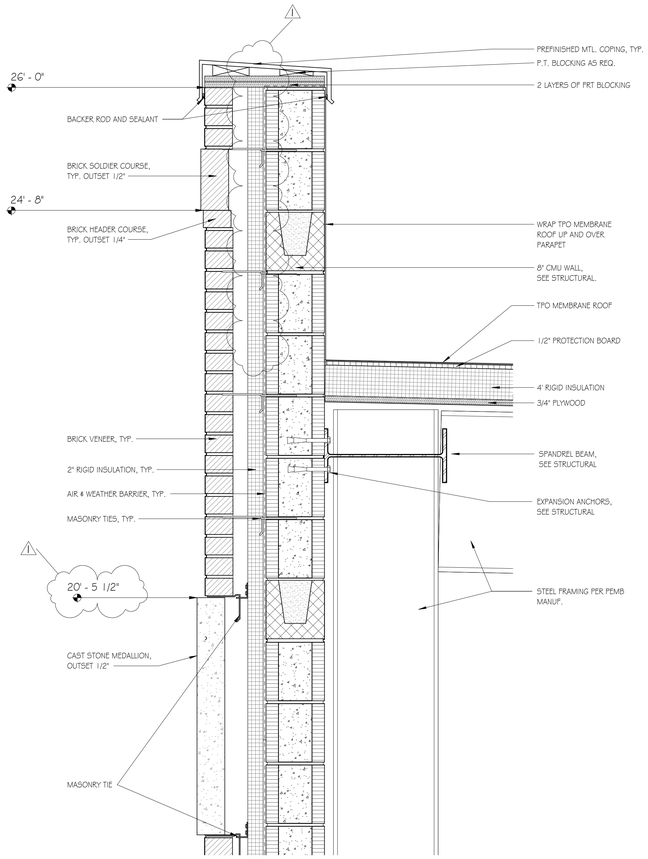
F1 APPARATUS BAY NORTH PARAPET ACM
SCALE: 1 1/2" = 1'-0"



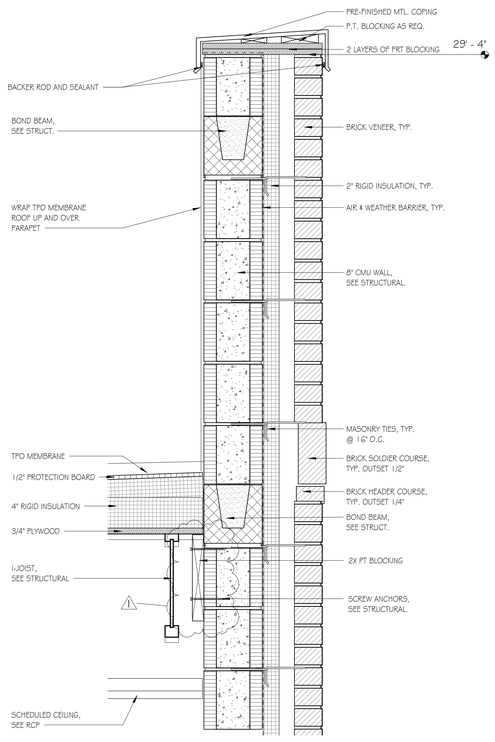
G5 FIRE RISER PARAPET
SCALE: 1 1/2" = 1'-0"



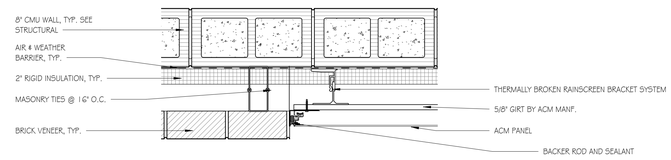
G9 OVERHEAD DOOR TO WALL CONNECTION
SCALE: 1 1/2" = 1'-0"



A1 APPARATUS BAY NORTH PARAPET BRICK
SCALE: 1 1/2" = 1'-0"



A5 EMS STORAGE PARAPET
SCALE: 1 1/2" = 1'-0"



D9 BRICK TO ACM CONNECTION
SCALE: 1 1/2" = 1'-0"

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SECTION DETAILS

A5.31

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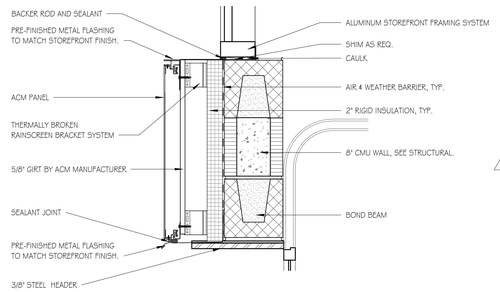
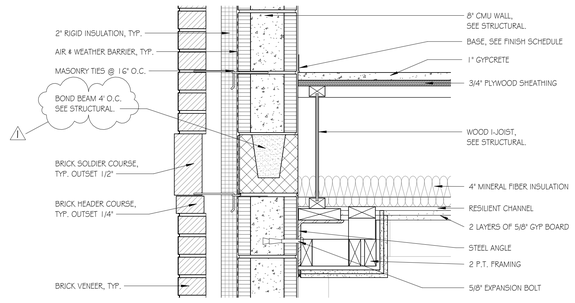
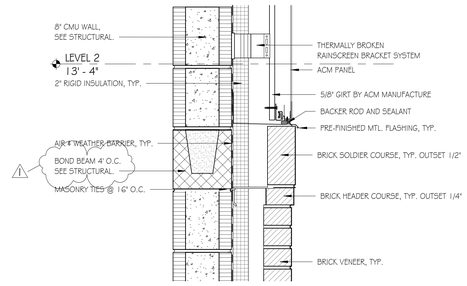


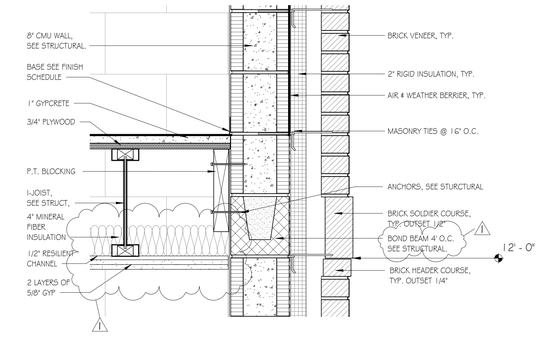
G1 APPARATUS BAY ACM PANEL DETAIL
SCALE: 1 1/2" = 1'-0"



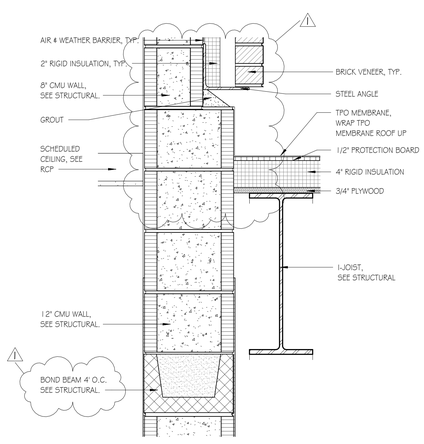
G4 DETAIL - FIRE RISER ROOM
SCALE: 1 1/2" = 1'-0"



G7 APPARATUS BAY ACM TO BRICK CONNECTION
SCALE: 1 1/2" = 1'-0"



G10 EMS STORAGE EAST WALL - LEVEL 2
SCALE: 1 1/2" = 1'-0"



C1 APPARTUS BAY CONNECTION TO ADMIN BUILDING
SCALE: 1 1/2" = 1'-0"

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SECTION DETAILS

A5.32

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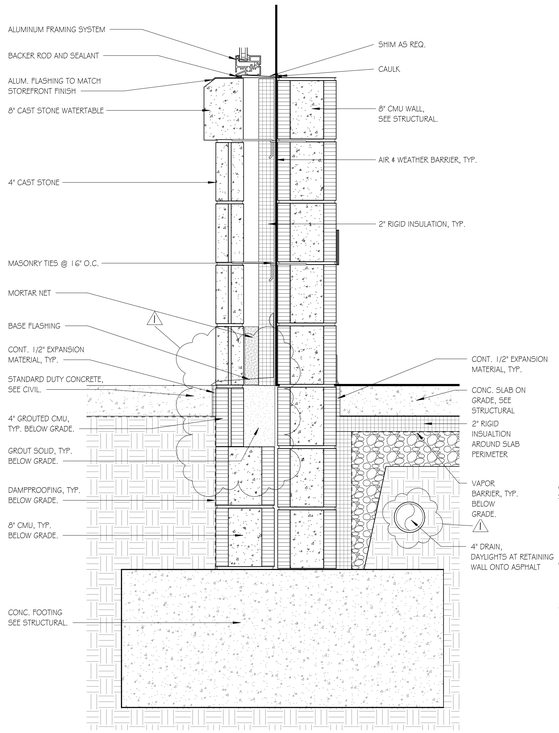
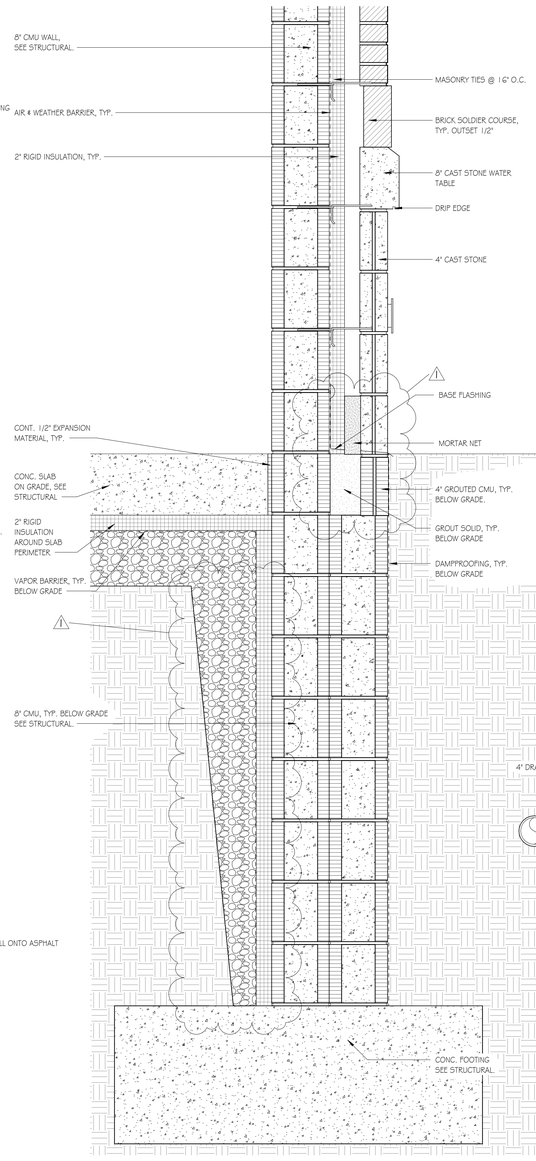
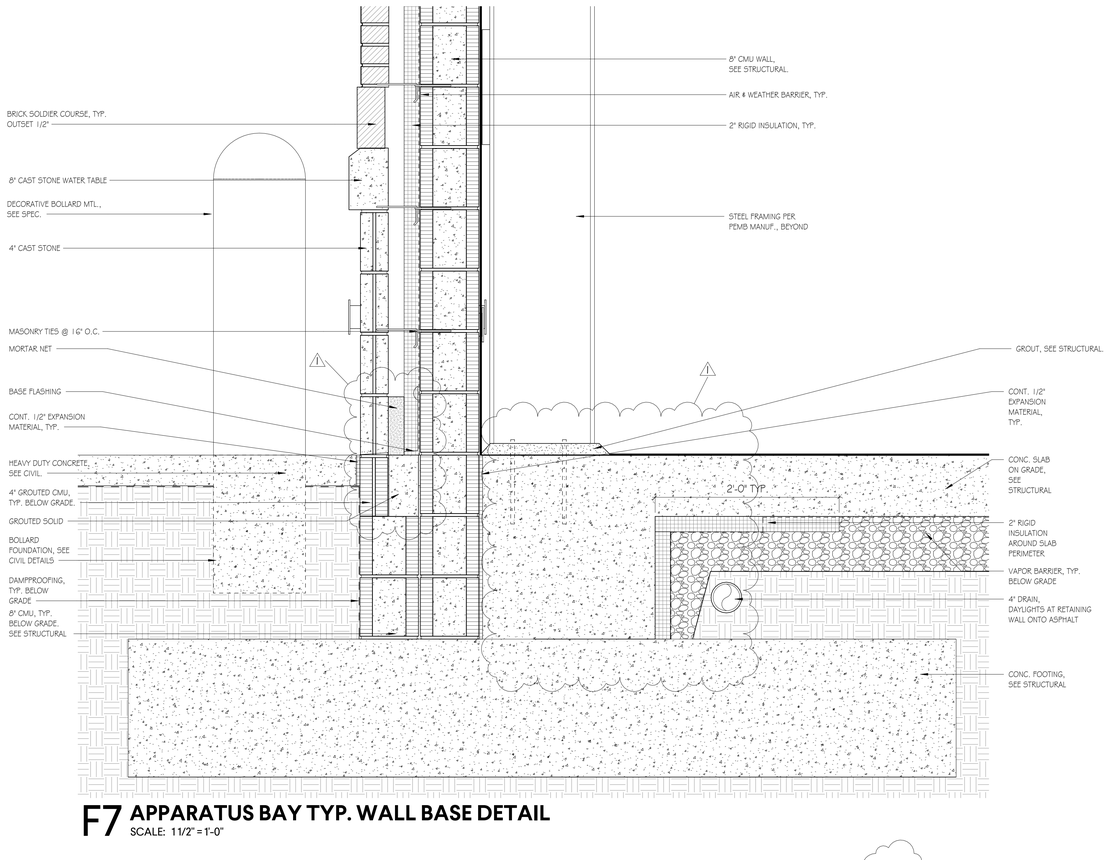


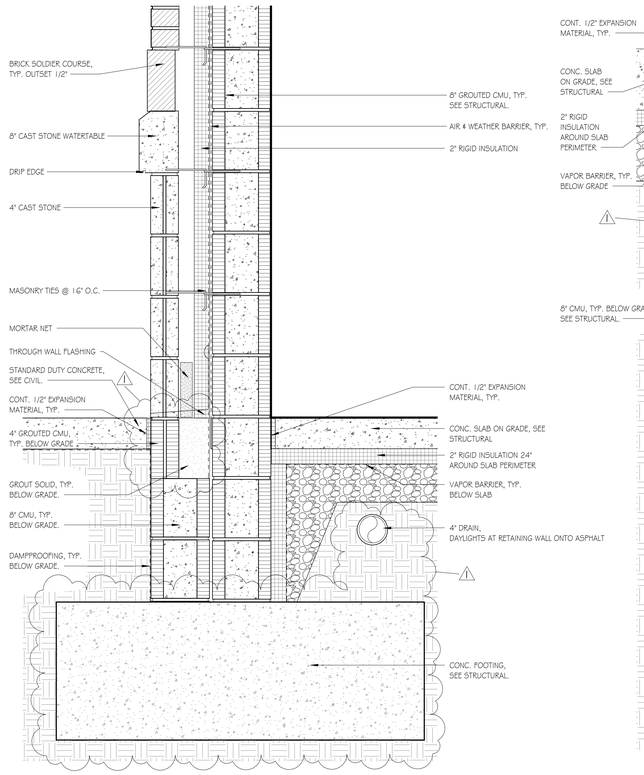
F1 ADMIN EAST TYP. WALL BASE DETAIL
SCALE: 11/2" = 1'-0"



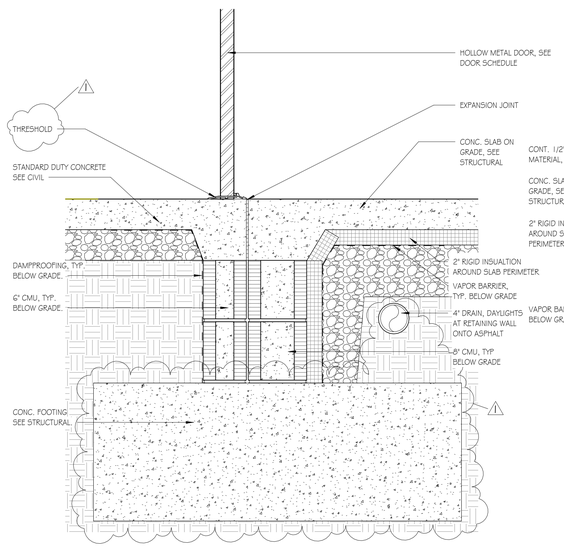
A4 APPARATUS BAY WEST TYP WALL BASE DETAIL
SCALE: 11/2" = 1'-0"



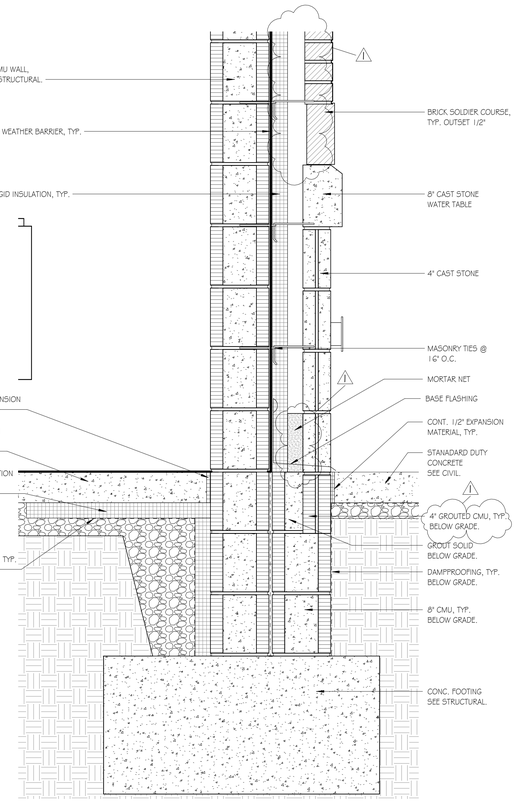
F7 APPARATUS BAY TYP. WALL BASE DETAIL
SCALE: 11/2" = 1'-0"



A1 FIRE RISER TYP. WALL BASE DETAIL - WATER TABLE
SCALE: 11/2" = 1'-0"



A7 FRONT TOWER DETAIL
SCALE: 11/2" = 1'-0"



F10 EMS STORAGE TYP. WALL BASE DETAIL
SCALE: 11/2" = 1'-0"

GMC
Goodwyn Mills Cawood, LLC
117 Jefferson Street North
Huntsville, AL 35801
T 256.539.3431
GMCNETWORK.COM

ISSUE	DATE
100% CONSTRUCTION DOCUMENTS	1/9/2026
ADDENDUM 4	2/6/2026
1	

DRAWN BY: ED
CHECKED BY: JP

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

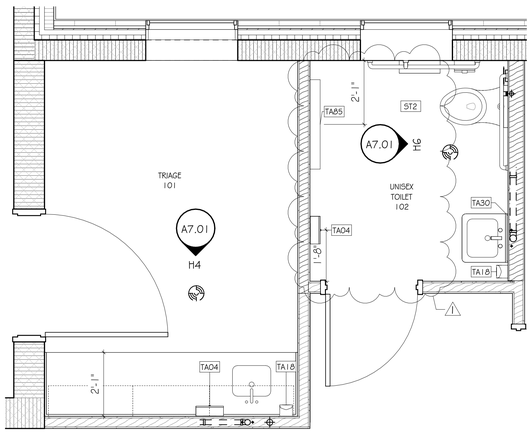
STATE of ALABAMA
Jay W Purkey
9063
Owens Cross Roads, Alabama
REGISTERED ARCHITECT

01/09/2026

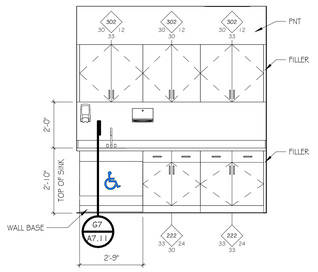
SECTION DETAILS

A5.33

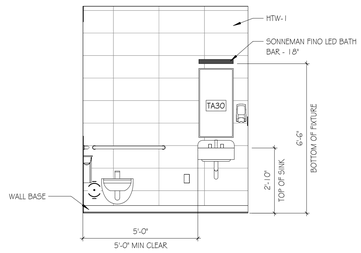
TEMPLATE VERSION: 2025.1
2/6/2026 4:35:42 PM



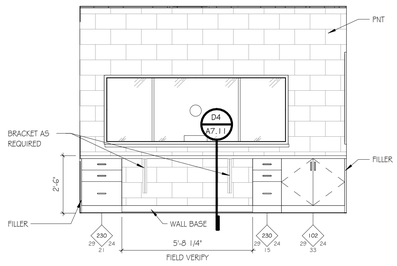
G1 ENLARGED PLAN - TRIAGE 101, UNISEX TOILET 102
SCALE: 1/2" = 1'-0"



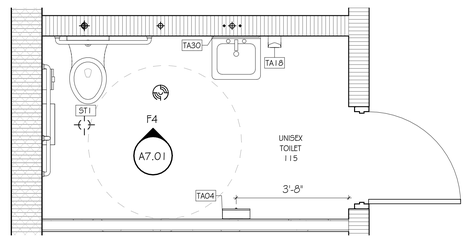
H4 TRIAGE 101 - SOUTH
SCALE: 3/8" = 1'-0"



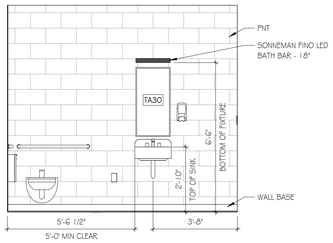
H6 UNISEX TOILET 102 - EAST
SCALE: 3/8" = 1'-0"



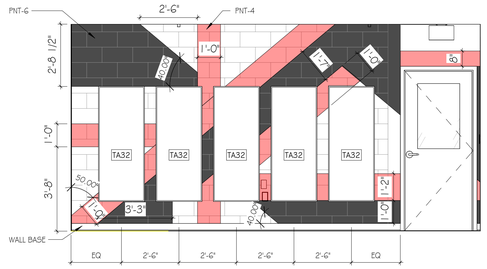
H8 WATCH OFFICE 106 - EAST
SCALE: 3/8" = 1'-0"



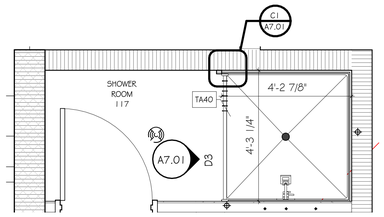
H10 ENLARGED PLAN - UNISEX TOILET 115
SCALE: 1/2" = 1'-0"



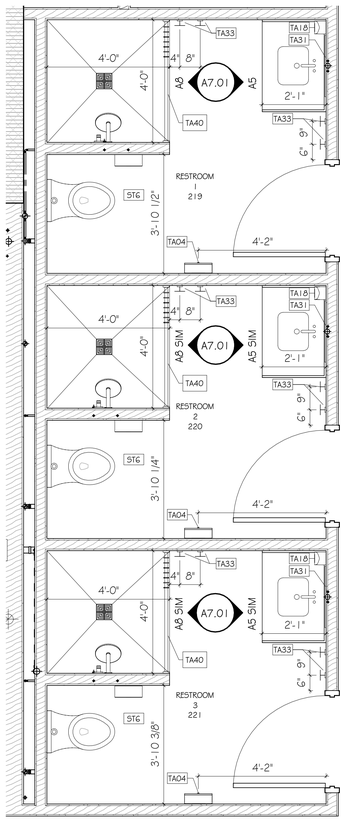
F4 UNISEX TOILET 115 - NORTH WALL
SCALE: 3/8" = 1'-0"



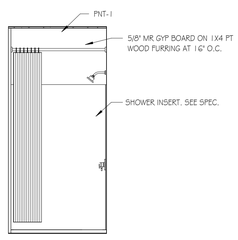
F7 FITNESS - WEST
SCALE: 3/8" = 1'-0"



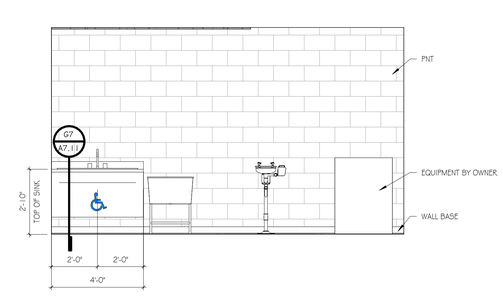
F10 ENLARGED PLAN - SHOWER ROOM 117
SCALE: 1/2" = 1'-0"



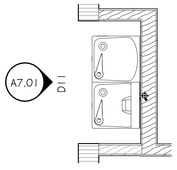
A1 ENLARGED PLAN - RESTROOM 1 219, RESTROOM 2 220, RESTROOM 3 221
SCALE: 1/2" = 1'-0"



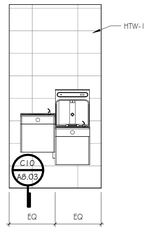
D3 SHOWER ROOM 117 - EAST
SCALE: 3/8" = 1'-0"



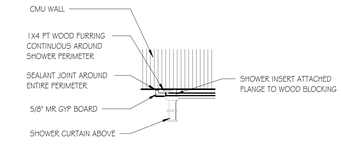
D5 DECON AREA 116 - EAST
SCALE: 3/8" = 1'-0"



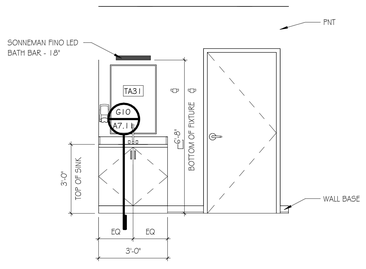
D8 ENLARGED PLAN - CORRIDOR 109
SCALE: 1/2" = 1'-0"



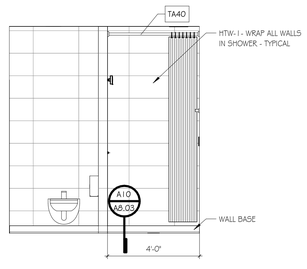
D11 CORRIDOR 109 - EAST
SCALE: 3/8" = 1'-0"



C1 SHOWER FLANGE
SCALE: 1" = 1'-0"



A5 TYP RESTROOM - EAST WALL
SCALE: 3/8" = 1'-0"



A8 TYP RESTROOM - WEST WALL
SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES SCHEDULE

TAG	DESCRIPTION	COMMENTS
TA01	TOILET TISSUE DISP - DBL. STD. ROLL W/SHELF	CFCI
TA02	TOILET TISSUE DISP - SGL. JUMBO ROLL	CFCI
TA04	PAPER TOWEL DISPENSER (FOLDED, HIGH-CAPACITY)	OFCI
TA18	STERIS SDS SOAP DISPENSER, SURFACE-MOUNT, MANUAL (LIQUID TYPE)	OFOI
TA23	18" VERTICAL GRAB BAR	CFCI
TA24	36" HORIZONTAL GRAB BAR	CFCI
TA25	42" HORIZONTAL GRAB BAR	CFCI
TA30	MIRROR, CHANNEL FRAMED WITHOUT SHELF (18 x 36 INCHES)	CFCI
TA31	MIRROR, CHANNEL FRAMED WITHOUT SHELF (24 x 36 INCHES)	CFCI
TA32	MIRROR, CHANNEL FRAMED (24 x 60 INCHES)	CFCI
TA33	ROBE HOOK (non-ADA)	CFCI
TA36	SANITARY NAPKIN DISPOSAL - SURF-MT, BOTTOM HINGED	CFCI
TA40	SHOWER ROD	CFCI
TA42	VINYL SHOWER CURTAIN	OFOI
TA85	DIAPER CHANGING STATION, SURFACE-MOUNT	CFCI
TA95	MOP & BROOM HOLDER WITH UTILITY SHELF	CFCI

SPECIALTY EQUIPMENT SCHEDULE

TAG	DESCRIPTION	COMMENTS
S1	4K SMART TV, SEE INTERIOR ELEVATION FOR ELEC. COORDINATION	OFCI
S2	RANGE	OFCI
S3	MICROWAVE	OFCI
S4	REFRIGERATOR	OFCI
S5	DISH WASHER	OFCI
S6	TACK BOARD	CFCI
S7	MARKER BOARD - 10'-0"W X 4'-0"H	CFCI
S9	CEILING MOUNTED PROJECTION SCREEN - ELECTRIC	CFCI
S10	2 TIER HEAVY DUTY LOCKER	OFCI
S11	PROJECTOR	OFCI
S12	ICE MACHINE	OFOI
S13	COFFEE MAKER	OFCI

GMC
Goodwyn Mills Cawood, LLC
117 Jefferson Street North
Huntsville, AL 35801
T 256.539.3431
GMCNETWORK.COM

ISSUE | DATE
100% CONSTRUCTION DOCUMENTS | 1/9/2026
ADDENDUM 4 | 2/6/2026

DRAWN BY: AGL
CHECKED BY: JDP

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

STATE of ALABAMA
Jay W Purkey
9063
Owens Cross Roads
Alabama
REGISTERED ARCHITECT

01/09/2026

ENLARGED PLANS & INTERIOR ELEVATIONS

A7.01

TEMPLATE VERSION: 2025.1
2/6/2026 4:35:48 PM

FINISH NOTES

FLOORS:

- REFER TO FLOOR FINISH PLANS FOR FLOOR PATTERN. CONTRACTOR MUST NOTIFY INTERIOR DESIGNER BEFORE INSTALLATION OF FLOORING TO REVIEW DESIGN INTENT OF FLOOR PATTERN PLAN

- ALL FLOORING TRANSITIONS INCLUDING TRANSITIONS TO SIMILAR MATERIAL OR REDUCER STRIPS AND OTHER THRESHOLDS TO DISSIMILAR MATERIAL SHALL BE LOCATED AT THE CENTERLINE OF DOOR WHEN IN CLOSED POSITION. COLORS SHALL BE SELECTED DURING SUBMITTAL REVIEW. REFER TO DETAILS FOR TRANSITIONS BETWEEN FLOORING MATERIALS. CONTRACTOR TO PROVIDE TRANSITION SIZES APPROPRIATE FOR THICKNESS

- AVOID ALL FLOORING MATERIAL SLIVER CUTS LESS THAN 4" WIDE @ WALL PERIMETERS & MATERIAL TRANSITIONS. CONTACT DESIGNER IF JOBSITE CONDITIONS DIFFER.

- INSTALL FLOORING CONTINUOUS UNDER ALL CASEWORK, MILLWORK, EQUIPMENT, & FURNITURE

- ALIGN VERTICAL GROUT JOINTS IN TILE BASE WITH THOSE IN THE FLOOR TILE UNLESS NOTED OTHERWISE

WALLS:

- REFER TO FINISH PLANS & ELEVATIONS FOR LOCATION OF ACCENT PAINT COLORS

- ALL HOLLOW METAL DOOR & WINDOW FRAMES TO BE PAINTED (PNT-2) UNLESS OTHERWISE NOTED

- ALL ACCESS PANELS AND MISCELLANEOUS METAL (RETURN AND AIR SUPPLY GRILLES, EXPANSION JOINTS, ETC.) LOCATED ON WALL SURFACES OR CEILING SURFACES TO BE PAINTED WALL OR CEILING COLOR U.N.O.

- WALL BASE TO BE INSTALLED ON ALL WALLS, MILLWORK, AND CASEWORK U.N.O.

- INSTALL FINISH STRIP EQUAL TO SCHLUTER "JOLLY" AT ALL EXPOSED TILE EDGES & CORNERS

MILLWORK / CASEWORK:

- INSTALL 3MM EDGEBAND ON ALL PLASTIC LAMINATE COUNTERTOPS AND CABINETS.

- ALL WINDOWS TO HAVE SOLID SURFACE (SS-2) SILL U.N.O.

- GROMMET LOCATIONS TO BE COORDINATED WITH OWNER

- FIELD VERIFY ALL DIMENSIONS FOR CASEWORK & MILLWORK PRIOR TO FABRICATION & INSTALLATION

- ALL EXPOSED ENDS AND EXPOSED INTERIORS OF CASEWORK/ MILLWORK TO RECEIVE MATCHING LAMINATES

- ALL FILE DRAWERS TO BE LOCKABLE.

MISC:

- DO NOT PAINT DOOR LABELS AT RATED DOORS OR FRAMES.

- PROVIDE BLOCKING AS REQUIRED AT ALL TELEVISION LOCATIONS - COORDINATE WITH OWNER'S EQUIPMENT

- PROVIDE BLOCKING FOR ALL GRAB BARS AND TOILET ACCESSORIES

- REFER TO RCP FOR ACCENT PAINT COLOR LOCATIONS IN CEILING - WHERE CEILINGS ARE CALLED OUT TO BE PAINTED, BOTH CEILING AND SOFFIT/BULKHEAD WALLS ARE TO BE PAINTED ACCENT COLOR

- ROLLER SHADES AND BLINDS ARE TAGGED ON THE RCP

- NON ADA TOILET FIXTURES SHALL BE CENTERED IN STALL

- WALL TILE TO BE INSTALLED TO CEILING ON ALL WET WALLS (REVISE THIS NOTE ACCORDINGLY)

- CAULK ALL DOOR FRAMES, MILLWORK, AND VIEW WINDOW FRAMES AFTER WALLCOVERING INSTALLATION IS COMPLETE. COLOR OF CAULK TO MATCH ADJACENT FINISH.

- GC TO PROVIDE SPECIFIED EXPANSION JOINT COVER AT ALL EXPOSED FINISH FLOOR, CEILING, AND WALL LOCATIONS

- MARKER BOARDS HEIGHTS TO BE (3'-0" A.F.F.) TO THE BOTTOM OF WRITING SURFACE. GC TO COORDINATE WALL BLOCKING AS REQ'D.

- ALL PARTIES RESPONSIBLE FOR DELIVERING FINISHES TO THE SITE SHALL CHECK AVAILABILITY OF QUANTITIES AND DELIVERY DATES UPON NOTICE TO PROCEED. NO CONSIDERATION WILL BE GIVEN FOR FAILURE TO COMPLY WITH THIS REQUIREMENT.

RCP NOTES:

- ALL SPRINKLER HEADS IN FINISHED CEILINGS ALL SHALL BE CENTERED IN CEILING TILE. SPRINKLER HEADS SHALL NOT BE PAINTED.

- INTERIOR CEILING HEIGHTS SHALL BE AS INDICATED ON THE REFLECTED CEILING PLANS.

- ALL BULKHEADS TO BE 4" BELOW ADJACENT ACT CEILING UNLESS NOTED OTHERWISE

- WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER ABOUT DOOR, BUT MAINTAIN MINIMUM OVERHEAD CLEARANCE.

- IN EXPOSED CEILINGS (EXP-2) ALL EXPOSED ELEMENTS NOT LIMITED TO TRUSS SYSTEM, ACOUSTICAL DECK, DUCTWORK, CONDUIT, AND PIPING TO BE PAINTED

- ALL GYP CEILINGS TO BE PAINTED (PNT-3) UNLESS OTHERWISE NOTED IN RCP. BOTH CEILING AND SOFFIT /BULKHEAD SURFACES ARE TO BE PAINTED THE SAME COLOR.

- DO NOT INSTALL CEILING TILE LESS THAN 6" IN ANY DIRECTION - WHEN POSSIBLE CENTER TILE IN ROOM.

- COORDINATE WITH OWNER'S A/V CONSULTANT FOR PROJECTION SCREEN AND PROJECTOR LOCATIONS

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALL	MILLWORK/CASEWORK CABINET	MILLWORK/CASEWORK COUNTERTOP	COMMENTS
100	LOBBY	WOC-1, LVT-1	RB-1	PNT-1, WP-1			
101	TRIAGE	LVT-1	RB-1	PNT-1, WP-1	PL-2	SS-1	EPOXY PAINT
102	UNISEX TOILET	EF-1	EB-1	PNT-1, HTW-1			EPOXY PAINT
103	OFFICE	LVT-1	RB-1	PNT-1			
104	OFFICE	LVT-1	RB-1	PNT-1			
105	OFFICE	SC-1	RB-1	PNT-1			
106	WATCH OFFICE	SC-1	RB-1	PNT-1			
107	FIRE RISER	SC-1	RB-1	PNT-1			
108	IT/ELECT.	SC-1	RB-1	PNT-1			
109	CORRIDOR	SC-1	RB-1	PNT-1, PNT-4, HTW-1			
110	TRAINING	SC-1	RB-1	PNT-1, PNT-4, PNT-6			
111	A/V & STORAGE	SC-1	RB-1	PNT-1			
112	FITNESS	SC-1	RB-1	PNT-4, PNT-5, PNT-6			
113	EMS STORAGE	SC-1	RB-1	PNT-1			
114	GEAR ROOM	SC-1	RB-1	PNT-1			
115	UNISEX TOILET	EF-1	EB-1	PNT-1, HTW-1			EPOXY PAINT
116	DECON AREA	EF-1	EB-1	PNT-1	PL-2	SS-1	EPOXY PAINT
117	SHOWER ROOM	EF-1	EB-1	PNT-1, HTW-1			EPOXY PAINT
118	APPARATUS BAY	SC-1	RB-1	PNT-1, PNT-4			
119	JAN.	SC-1	RB-1	PNT-1, WP-1			EPOXY PAINT
200	PLATFORM	LVT-1	RB-1	PNT-1			
201	KITCHEN	LVT-1	RB-1	PNT-1, PNT-4	MILLWORK	STAINLESS STEEL	
202	DAY ROOM	LVT-1	RB-1	PNT-1, PNT-4, PNT-6			
203	STORAGE W/ LOCKERS	LVT-1	RB-1	PNT-1			
204	BUNK ROOM 1	LVT-1	RB-1	PNT-5			
205	BUNK ROOM 2	LVT-1	RB-1	PNT-5			
206	BUNK ROOM 3	LVT-1	RB-1	PNT-5			
207	BUNK ROOM 4	LVT-1	RB-1	PNT-5			
208	BUNK ROOM 5	LVT-1	RB-1	PNT-5			
209	BUNK ROOM 6	LVT-1	RB-1	PNT-5			
210	BUNK ROOM 7	LVT-1	RB-1	PNT-5			
211	IT/ELECT.	LVT-1	RB-1	PNT-1			
212	CORRIDOR	LVT-1	RB-1	PNT-1, HTW-1			
213	OFFICE/FLEX SPACE	LVT-1	RB-1	PNT-1			
214	STORAGE	LVT-1	RB-1	PNT-1			
215	PANTRY	LVT-1	RB-1	PNT-1			
216	PANTRY	LVT-1	RB-1	PNT-1			
217	PANTRY	LVT-1	RB-1	PNT-1			
218	STORAGE	LVT-1	RB-1	PNT-1			
219	RESTROOM 1	HTF-1	HTB-1	PNT-1, HTW-1	PL-1	SS-1	EPOXY PAINT
220	RESTROOM 2	HTF-1	HTB-1	PNT-1, HTW-1	PL-1	SS-1	EPOXY PAINT
221	RESTROOM 3	HTF-1	HTB-1	PNT-1, HTW-1	PL-1	SS-1	EPOXY PAINT
222	LAUNDRY	SF-1	RB-1	PNT-1	PL-2		EPOXY PAINT
223	RESTROOM 4	HTF-1	HTB-1	PNT-1, HTW-1	PL-1	SS-1	EPOXY PAINT
224	STORAGE	LVT-1	RB-1	PNT-1			
225	STORAGE	LVT-1	RB-1	PNT-1			
ST1	STAIRWELL	RF-1, RST-1	RB-1	PNT-1, PNT-4			
ST1	STAIRWELL	RF-1, RST-1	RB-1	PNT-1, PNT-4			
ST2	STAIRWELL	RF-1, RST-1	RB-1	PNT-1, PNT-4			
ST2	STAIRWELL	RF-1, RST-1	RB-1	PNT-1, PNT-4			

FINISH LEGEND

FLOOR

NUMBER	TYPE	DETAIL DESCRIPTION
HTF-1	HARD FLOOR TILE	MANUFACTURER: DALTILE STYLE NAME: KEYSTONES IN ORGANIC HEXAGON COLOR: CASTLEROCK GROUT: TBD LOCATION: WHERE NOTED
LVT-1	LUXURY VINYL TILE	MANUFACTURER: MOHAWK GROUP STYLE NAME: SEQOYA 5.0 C2104 COLOR: 828 HONEY MAPLE SIZE: 9.48" X 59.06" THICKNESS: 5MM INSTALLATION: ASHLAR LOCATION: WHERE NOTED
SC-1	SEALED CONCRETE	MANUFACTURER: EUCLID CHEMICAL STYLE NAME: 2 COATS: EUCO DIAMOND HARD W/ EUCO GRIP ANTI-SLIP ADDITIVE COLOR: CLEAR LOCATION: WHERE NOTED
EF-1	EPOXY FLOORING	MANUFACTURER: STONHARD STYLE NAME: STONTEC ERF COLOR: TORGINAL FLAKE: POLAR (B-330) SIZE: 1/8" FLAKE LOCATION: WHERE NOTED
RST-1	RUBBER STAIR TREAD & RISERS	MANUFACTURER: NORA STYLE NAME: NORAMENT ARGO TREAD 5172 COLOR: STAMINA LOCATION: STAIRWELLS
RF-1	RUBBER FLOORING	MANUFACTURER: NORA STYLE NAME: NORAMENT ARAGO COLOR: STAMINA SIZE: 39.53" X 19.76" THICKNESS: 3.5 MM INSTALLATION: MONOLITHIC LOCATION: WHERE NOTED
WOM-1	WALK-OFF MAT	MANUFACTURER: MANNINGTON STYLE NAME: FRIXTON COLOR: STATIC SIZE: 18" X 36" LOCATION: LOBBY
SF-1	SHEET FLOORING	MANUFACTURER: MANNINGTON STYLE NAME: TESSELATE COLOR: LAKE SIZE: 12' LOCATION: WHERE NOTED

BASE

NUMBER	TYPE	DETAIL DESCRIPTION
RB-1	RUBBER BASE	MANUFACTURER: ROPPE STYLE NAME: PINNACLE RUBBER BASE -TYPE-TS- 1/8" COLOR: 178 PEWTER SIZE: 4" INSTALLATION: CONTINUOUS LOCATION: WHERE NOTED
HTB-1	HARD TILE BASE	MANUFACTURER: DALTILE STYLE: MATCH HTW-1 COLOR: MATCH HTW-1 SIZE: 6" X 24" LOCATION: WHERE NOTED PROVIDE SCHLUTER DILEX-AHK AT FLOOR TILE TO WALL TILE TRANSITION - TYPICAL. INSTALL CUT SIDE DOWN WITH TRIM PIECE.
EB-1	EPOXY BASE	MANUFACTURER: MATCH EF-1 STYLE NAME: MATCH EF-1 COLOR: MATCH EF-1 SIZE: 4" LOCATION: WHERE NOTED

WALL

NUMBER	TYPE	DETAIL DESCRIPTION
PNT-1	[GENERAL/MAIN PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7672 KNITTING NEEDLES LOCATION: WHERE NOTED
PNT-2	[TRIM PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7018 DOVETAIL LOCATION: WHERE NOTED
PNT-3	[MAIN CEILING/SOFFIT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7005 PURE WHITE LOCATION: WHERE NOTED
PNT-4	[ACCENT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 6869 STOP LOCATION: WHERE NOTED
PNT-5	[ACCENT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 6235 FOGGY DAY LOCATION: WHERE NOTED
PNT-6	[ACCENT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7019 GAUNTLET GRAY LOCATION: WHERE NOTED
HTW-1	HARD WALL TILE	MANUFACTURER: DALTILE STYLE NAME: WANDERWISE COLOR: ROAM SIZE: 12" X 24" INSTALLATION: HORIZONTALLY STACKED GROUT: TBD LOCATION: WHERE NOTED

MISC

NUMBER	TYPE	DETAIL DESCRIPTION
PL-1	PLASTIC LAMINATE	MANUFACTURER: WILSONART COLOR: LANDMARK WOOD LOCATION: WHERE NOTED
PL-2	PLASTIC LAMINATE	MANUFACTURER: WILSONART COLOR: PEPPERDUST LOCATION: WHERE NOTED
SS-1	SOLID SURFACE	MANUFACTURER: WILSONART COLOR: ANGEL FALLS THICKNESS: 1/2" LOCATION: WHERE NOTED
SS-2	SOLID SURFACE	MANUFACTURER: WILSONART COLOR: DESIGNER WHITE THICKNESS: 1/2" LOCATION: WINDOW SILLS
CG-1	CORNER GUARDS	MANUFACTURER: INPRO CORP STYLE NAME: 150BN BLUNOSE HIGH IMPACT CORNER GUARD COLOR: GRAYSTONE 0151 SIZE: 3" WINGS x 8' LOCATION: EXPOSED GYP CORNERS
WP-1	WALL PROTECTION	MANUFACTURER: INPRO CORP STYLE NAME: PALLADIUM RIGID WALL COLOR: GRAYSTONE 0151 THICKNESS: 0.040" LOCATION: WHERE NOTED NOTE: PROVIDE TOP TRIM CAP & DIVIDER BARS WHERE SEAMS OCCUR. *CMU WALLS TO HAVE GAPS FILLED IN AND SMOOTHED.*
RS-1	ROLLER SHADES	MANUFACTURER: DRAPER STYLE: ACCESS FLEX SHADES FABRIC: 3% OPEN LOCATION: RS-1 LOCATIONS AS NOTED ON RCP

CASEWORK SCHEDULE

NOTE: CABINET DESIGN SERIES (CDS) NUMBERS BASED ON AWI STANDARDS EDITION 2

CDS #	CASEWORK TYPE	DESCRIPTION
102	BASE CAB	DBL DOOR
153	BASE CAB	FALSE DRWR / REMOVABLE TOE FOR ADA
211	BASE CAB	SGL DOOR / SGL DRWR
222	BASE CAB	DBL DOORS / DBL DRWRS
230	BASE CAB	3 FILES
301	WALL CAB	SGL DOOR
302	WALL CAB	DBL DOORS
ADA	BASE CAB	ADA SINK
MCWV	TALL STG	MICROWAVE CABINET

TOILET ACCESSORIES SCHEDULE

TAG	DESCRIPTION	COMMENTS
TA01	TOILET TISSUE DISP - DBL. STD. ROLL W/SHELF	CFCI
TA02	TOILET TISSUE DISP - SGL. JUMBO ROLL	CFCI
TA04	PAPER TOWEL DISPENSER (FOLDED, HIGH-CAPACITY)	OFCI
TA18	STERIS SDS SOAP DISPENSER, SURFACE-MOUNT, MANUAL (LIQUID TYPE)	OFOI
TA23	18" VERTICAL GRAB BAR	CFCI
TA24	36" HORIZONTAL GRAB BAR	CFCI
TA25	42" HORIZONTAL GRAB BAR	CFCI
TA30	MIRROR, CHANNEL FRAMED WITHOUT SHELF (18 x 36 INCHES)	CFCI
TA31	MIRROR, CHANNEL FRAMED WITHOUT SHELF (24 x 36 INCHES)	CFCI
TA32	MIRROR, CHANNEL FRAMED (24 x 60 INCHES)	CFCI
TA33	ROBE HOOK (non-ADA)	CFCI
TA36	SANITARY NAPKIN DISPOSAL - SURF-MT, BOTTOM HINGED	CFCI
TA40	SHOWER ROD	CFCI
TA42	VINYL SHOWER CURTAIN	OFOI
TA85	DIAPER CHANGING STATION, SURFACE-MOUNT	CFCI
TA95	MOP & BROOM HOLDER WITH UTILITY SHELF	CFCI

SPECIALTY EQUIPMENT SCHEDULE

TAG	DESCRIPTION	COMMENTS
S1	4K SMART TV, SEE INTERIOR ELEVATION FOR ELEC. COORDINATION	OFCI
S2	RANGE	OFCI
S3	MICROWAVE	OFCI
S4	REFRIGERATOR	OFCI
S5	DISH WASHER	OFCI
S6	TACK BOARD	CFCI
S7	MARKER BOARD - 10'-0"W X 4'-0"H	CFCI
S9	CEILING MOUNTED PROJECTION SCREEN - ELECTRIC	CFCI
S10	2 TIER HEAVY DUTY LOCKER	OFCI
S11	PROJECTOR	OFCI
S12	ICE MACHINE	OFOI
S13	COFFEE MAKER	OFCI

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100% CONSTRUCTION DOCUMENTS | 1/9/2026
1 ADDENDUM 4 | 2/6/2026

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CHECKED BY: JDP

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

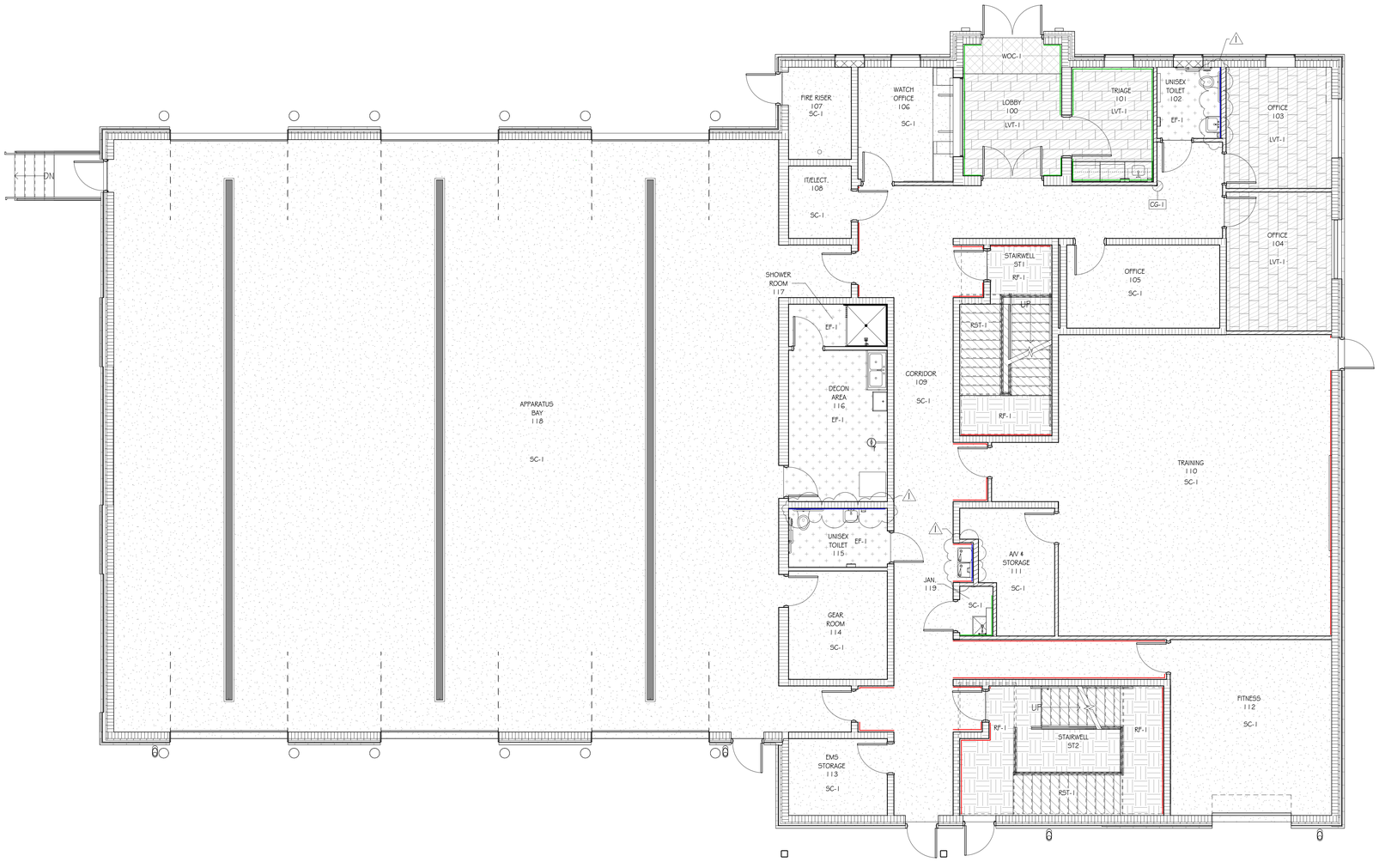
STATE of ALABAMA
Jay W Purkey
9063
Owens Cross Roads, Alabama
REGISTERED ARCHITECT

01/09/2026

FINISH LEGEND & SCHEDULE

A8.01

2/6/2026 4:35:50 PM TEMPLATE VERSION: 2025.1



A1 FLOOR FINISH PLAN - LEVEL 1

SCALE: 3/16" = 1'-0"

WP-1

ACCENT PAINT

HTW

GENERAL NOTES - FINISH PLAN

1. REFER TO FINISH LEGEND FOR PAINT COLORS CALLED OUT ON REFLECTED CEILING PLANS AND FINISH PLANS.
2. UNLESS OTHERWISE NOTED, ALL FLOOR TILE SHALL BE CENTERED IN ROOM.
3. UNLESS OTHERWISE NOTED, ALL CEILING GRID AND LIGHT FIXTURES SHALL BE CENTERED IN ROOM/OPENING.
4. CONTRACTOR TO REVIEW WITH ARCHITECT, ON SITE, AREAS WITH MULTIPLE CEILING, WALL, AND FLOOR FINISHES BEFORE FINISH WORK BEGINS.
5. REFER TO RCP LEGEND ON OVERALL REFLECTED CEILING PLANS FOR RCP ABBREVIATIONS AND FINISHES.
6. WALL TILE AND BASE GROUT LINES SHALL ALIGN WITH FLOOR TILE.
7. PROVIDE BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN RESTROOMS.

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FINISH PLAN - LEVEL 1

A8.02

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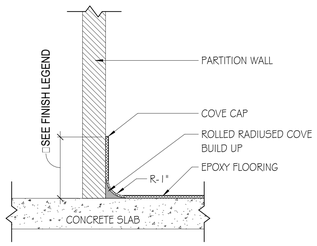
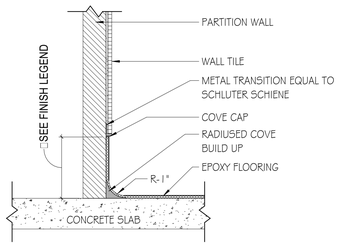


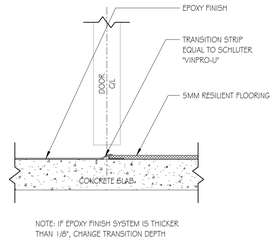
NOTE: USE DRY MIX TROWABLE VERSION OF FLOORING SYSTEM TO BUILD COVE BASE

H1 09- COVE BASE - EPOXY
SCALE: 3" = 1'-0"



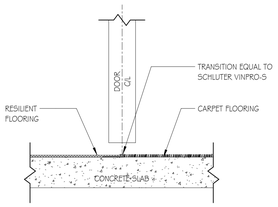
NOTE: USE DRY MIX TROWABLE VERSION OF FLOORING SYSTEM TO BUILD COVE BASE

H3 09- COVE BASE - EPOXY TO WALL TILE
SCALE: 3" = 1'-0"

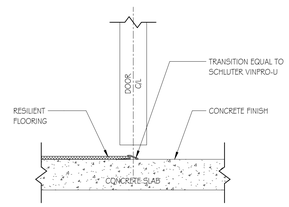


NOTE: IF EPOXY FINISH SYSTEM IS THICKER THAN 1/8", CHANGE TRANSITION DEPTH

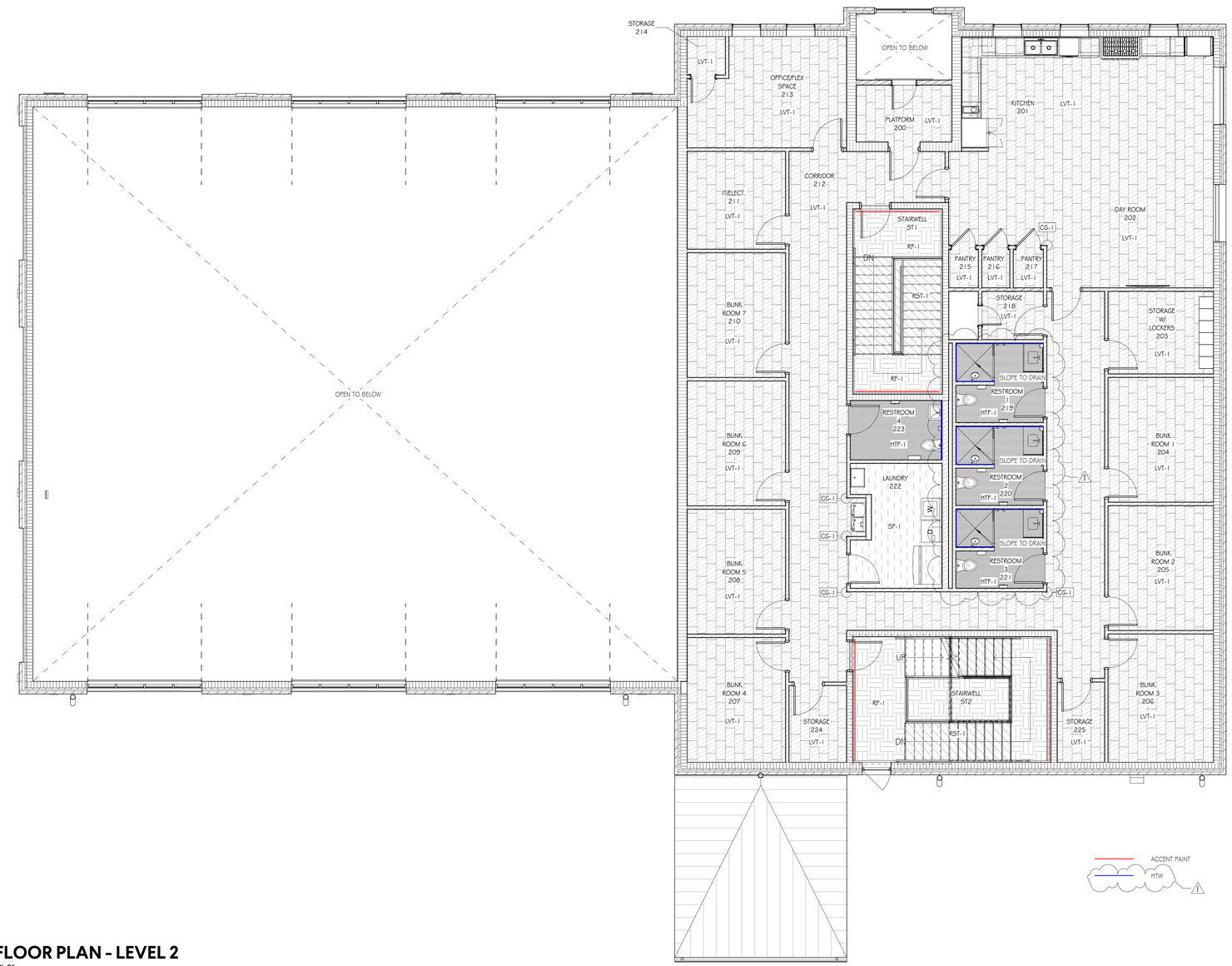
H5 09- EPOXY TO 5MM RESILIENT
SCALE: 3" = 1'-0"



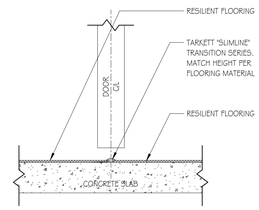
H8 09- RESILIENT TO CARPET - METAL
SCALE: 3" = 1'-0"



H10 09- RESILIENT TO CONCRETE - METAL
SCALE: 3" = 1'-0"

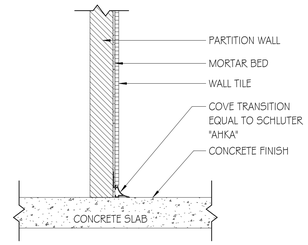


A1 FINISH FLOOR PLAN - LEVEL 2
SCALE: 3/16" = 1'-0"



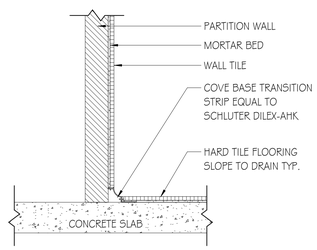
NOTE: FOR DIFFERENT HEIGHT RESILIENT ONLY

F10 09- RESILIENT TO RESILIENT
SCALE: 3" = 1'-0"



WHEN WALL TILE TERMINATES AT CONCRETE, RESILIENT, USE: SCHLUTER DILEX-AKHA

C10 09- METAL COVE - HTW TO RESILIENT/SC
SCALE: 3" = 1'-0"



A10 09- METAL COVE - HTW TO HTF
SCALE: 3" = 1'-0"

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GMC # AHUN250003

STATE of ALABAMA
Jay W Purkey
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Owens Cross Roads, Alabama
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FINISH PLAN - LEVEL 2

A8.03

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ROCKET MEP LLC
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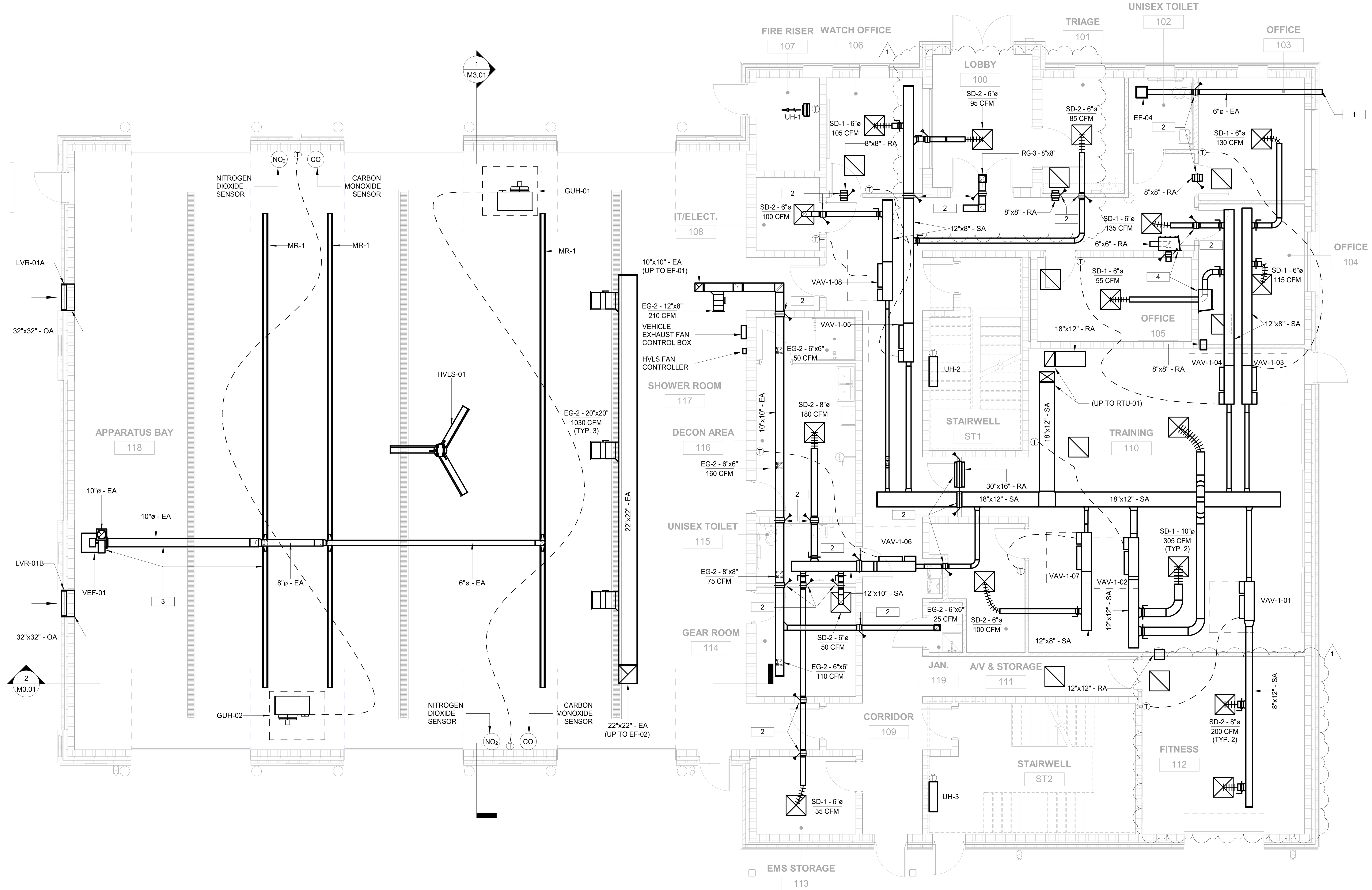
256-203-6373
1300 MERIDIAN ST, SUITE 302, HUNTSVILLE, AL 35801
INFO@ROCKETMEP.COM
AL CERT OF AUTH: ECA50597

MECHANICAL KEYED NOTES

1. PROVIDE FLUSH WALL CAP WITH BACKDRAFT DAMPER AND INSECT SCREEN. BASIS OF DESIGN SHALL BE BY FAMCO, MODEL: FWVE, OR APPROVED EQUAL.
2. PROVIDE FIRE DAMPER WITH 1-1/2 HOUR RATING AT DUCT PENETRATION OF FIRE-RESISTANCE-RATED ASSEMBLY. FIRE DAMPER SHALL BE LISTED AND LABELED AS A DYNAMIC, CURTAIN TYPE FIRE DAMPER WITH BLADES OUT OF THE AIRSTREAM IN ACCORDANCE WITH UL 555.
3. THE APPARATUS BAY SHALL BE PROVIDED WITH A SOURCE CAPTURE SYSTEM THAT CONNECTS DIRECTLY TO MOTOR VEHICLE EXHAUST SYSTEMS. THE SYSTEM SHALL BE ENGINEERED BY A REGISTERED DESIGN PROFESSIONAL OR SHALL BE FACTORY-BUILT EQUIPMENT DESIGNED AND SIZED FOR THE PURPOSE. THE VEHICLE EXHAUST SYSTEM SHOWN IS ILLUSTRATIVE AND PLACED ARBITRARILY FOR GENERAL INFORMATION PURPOSES ONLY—THE ACTUAL SYSTEM COMPONENTS, SIZES, AND LOCATIONS MAY VARY.
4. PROVIDE DUCT PENETRATIONS OF SAFE ROOM WITH SHROUD. BASIS OF DESIGN SHALL BE ROOF PENETRATION HOUSINGS—MODEL CYCLONE WALL SHROUD, OR APPROVED EQUAL.



LEVEL 1 - MECHANICAL PLAN
3/16" = 1'-0"

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ASHVILLE FIRE STATION #2
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LEVEL 1 MECHANICAL FLOOR PLAN

M1.02

LEVEL 2 MECHANICAL FLOOR PLAN

ASHVILLE FIRE STATION #2

222 7TH Avenue North
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M1.04

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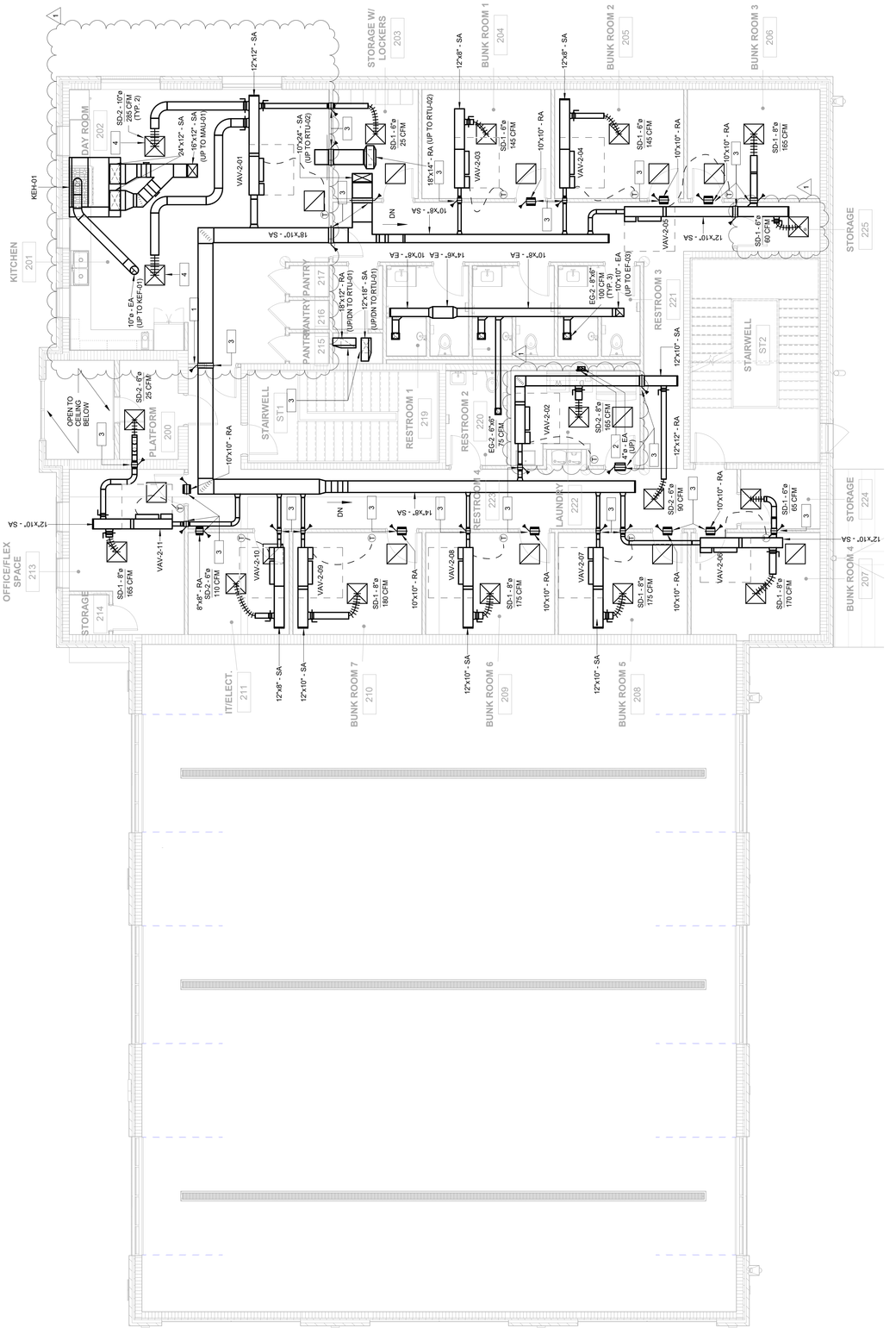
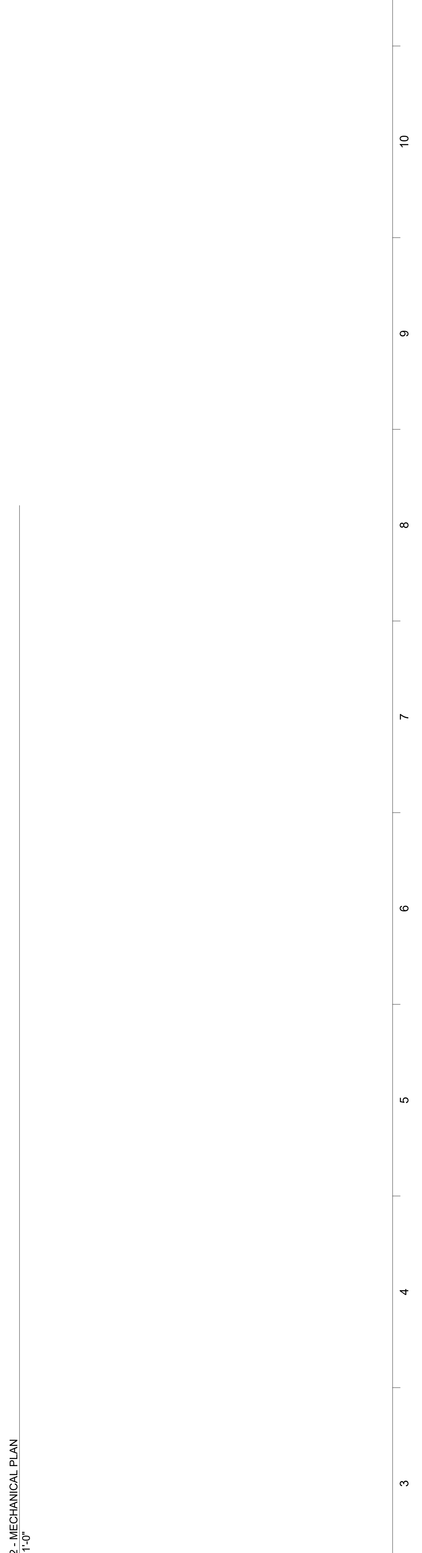
AL CERT OF AUTH: ECA00597

MECHANICAL KEYED NOTES

1. PROVIDE MANUAL PUSH-BUTTON ACTUATOR FOR TYPE I HOOD FIRE EXTINGUISHING SYSTEM. PUSH-BUTTON SHALL COME WITH PROTECTIVE GUARD TO PREVENT ACCIDENTAL ACTUATION OF THE TYPE I HOOD FIRE EXTINGUISHING SYSTEM.
2. PROVIDE DRYERBOX EXHAUST RECEPTACLE. ROUTE DRYER EXHAUST UP AND TERMINATE WITH INSULATED GOOSENECK VENT ABOVE THE ROOF SURFACE.
3. PROVIDE FIRE DAMPER WITH 1-1/2 HOUR RATING AT DUCT PENETRATION OF FIRE-RESISTIVE CONSTRUCTION. FIRE DAMPER SHALL BE CURTAIN TYPE WHERE USED AS A DYNAMIC CURTAIN TYPE FIRE DAMPER WITH BLADES OUT OF THE AIRSTREAM IN ACCORDANCE WITH UL 555.
4. CENTER DIFFUSERS BETWEEN LIGHTING FIXTURES IN KITCHEN. ALIGN EDGE OF DIFFUSER WITH EDGE OF LIGHTING FIXTURE.





1 LEVEL 2 - MECHANICAL PLAN
3/16" = 1'-0"

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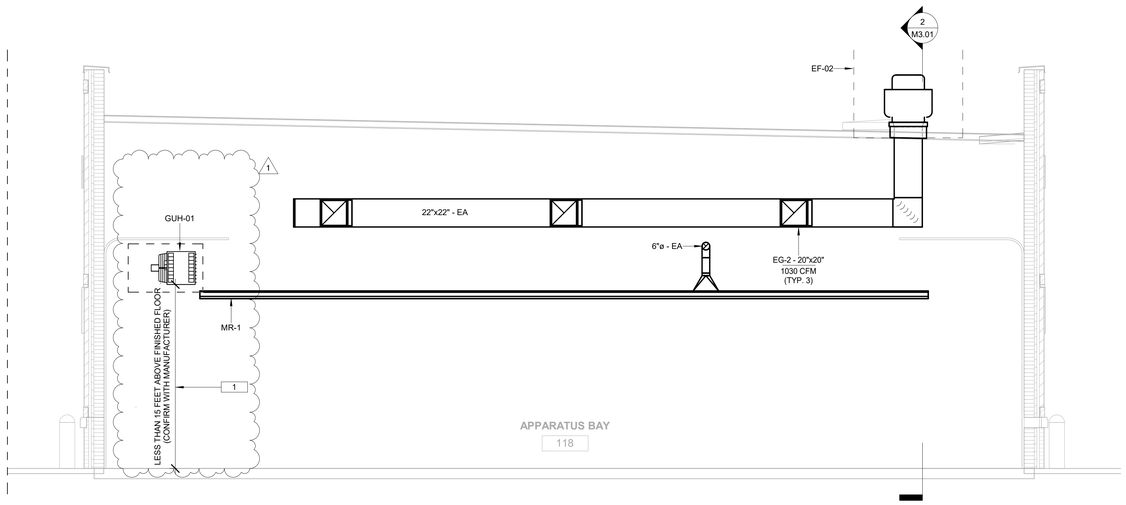
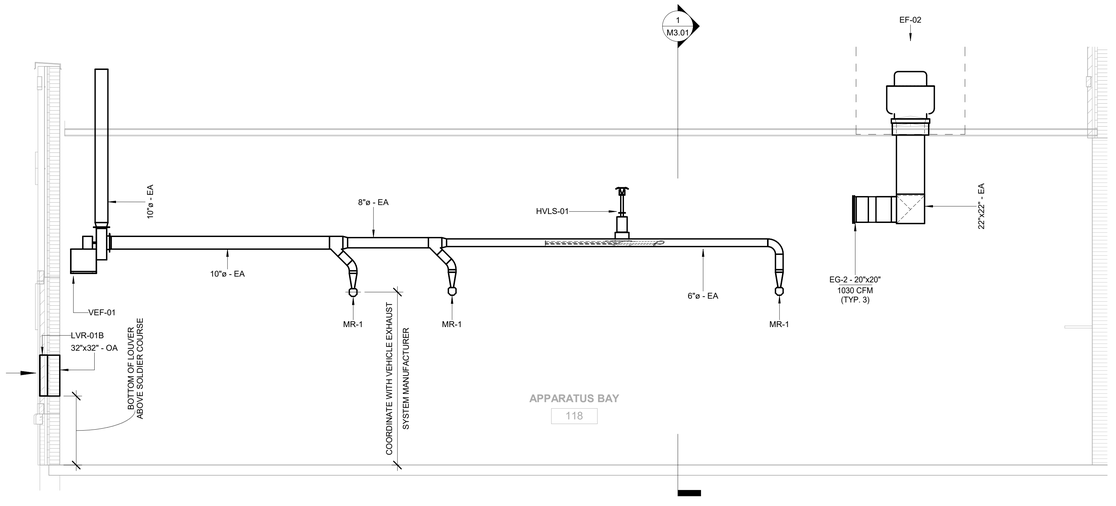
1

MECHANICAL KEYED NOTES

1. UNIT HEATER MOUNTING HEIGHT SHALL BE PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. UNIT HEATERS IN THE APPARATUS BAY SHALL BE LOCATED BETWEEN THE OVERHEAD DOORS AND SHALL NOT OBSTRUCT APPARATUS OR MOTOR VEHICLE OPERATION.



1 APPARATUS BAY SECTION VIEW 1
1/4" = 1'-0"



2 APPARATUS BAY SECTION VIEW 2
1/4" = 1'-0"

0 2' 4' 8' 12'
1/4" = 1'-0"

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ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

ALABAMA LICENSED PROFESSIONAL No. 38810 ENGINEER ANDREAS R. MAUK

MECHANICAL SECTIONS

M3.01

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PACKAGED ROOFTOP UNIT (RTU) SCHEDULE

MARK	UNIT NOMINAL SIZE (TONS)	SUPPLY FAN: FAN: SUPPLY AIR CFM	FAN: OUTSIDE AIR CFM	FAN: ESP (IN. W.G.)	FAN: BHP	FAN MOTOR: DRIVE TYPE	FAN MOTOR: HP	FILTER MERV	DX COOLING COIL: REFRIGERANT TYPE	DX COOLING COIL: TOTAL CAPACITY (MBH)	DX COOLING COIL: SENSIBLE CAPACITY (MBH)	DX COOLING COIL: EAT: DBT (°F)	DX COOLING COIL: EAT: WBT (°F)	DX COOLING COIL: LAT: DBT (°F)	DX COOLING COIL: LAT: WBT (°F)	DX COOLING COIL: EFFICIENCY: EER	DX COOLING COIL: EFFICIENCY: IEER	NATURAL GAS PREHEAT: CFM	NATURAL GAS PREHEAT: INPUT (MBH)	NATURAL GAS PREHEAT: OUTPUT (MBH)	NATURAL GAS PREHEAT: GAS PRESSURE (IN. W.C.)	NATURAL GAS PREHEAT: EAT (°F)	NATURAL GAS PREHEAT: LAT (°F)	NATURAL GAS PREHEAT: NO. STAGES	ELECTRICAL: MCA	ELECTRICAL: MOCP	ELECTRICAL: VOLT / PH	BASIS OF DESIGN: L x W x H (IN x IN x IN)	BASIS OF DESIGN: UNIT WEIGHT (LB)	BASIS OF DESIGN: MANUFACTURER	BASIS OF DESIGN: MODEL	NOTES
RTU-01	6	1,860	500	2.0	1.49	DIRECT	3.0	8	R-32	69.4	52.9	80.9	66.4	53.5	53.5	11.2	21.1	1,200	80	64.8	5-14	46	55	MODULATING	38.8	50	208 / 3	84.5 X 53.3 X 69.5	1,028	DAIKIN APPLIED	DPSC06	1 THROUGH 14
RTU-02	6	2,230	450	2.0	1.88	DIRECT	3.0	8	R-32	71.0	59.6	79.0	64.6	53.4	53.4	11.2	21.1	1,200	80	64.8	5-14	46	55	MODULATING	38.8	50	208 / 3	84.5 X 53.3 X 69.5	1,028	DAIKIN APPLIED	DPSC06	1 THROUGH 14

NOTES:

1. DIVISION 23 CONTRACTOR SHALL SUPPLY ELECTRICAL DISCONNECTS, PROVIDED BY MANUFACTURER OR OTHERS. DISCONNECTS THAT ARE SHIPPED LOOSE SHALL BE INSTALLED BY DIVISION 26 CONTRACTOR.
2. PROVIDE WITH THROUGH-THE-BASE ELECTRICAL CONNECTIONS.
3. PROVIDE WITH UNIT POWERED 115V GFCI OUTLET.
4. PROVIDE WITH CONFIGURABLE CONTROLS BY THE RTU MANUFACTURER. MULTI-ZONE VARIABLE-AIR-VOLUME (MZVAV) CONTROL ALGORITHMS AND ALL SEQUENCES NECESSARY TO OPERATE THE UNIT BASED ON THE CONTROL DIAGRAMS IN THE CONSTRUCTION DOCUMENTS SHALL BE PROVIDED. CONTROLS SHALL BE CAPABLE OF SUPPORTING DIGITAL COMMUNICATION USING THE BACnet PROTOCOL. CONTROLS SHALL BE INTEGRATED WITH ASSOCIATED VAV BOX CONTROLS.
5. PROVIDE WITH DOUBLE-WALL FOAM INSULATED CABINET OR DOUBLE-WALL FIBERGLASS INSULATED CABINET. CABINET SHALL BE MINIMUM R-7.
6. PROVIDE WITH HINGED ACCESS PANELS.
7. PROVIDE WITH OUTDOOR AIR HOOD.
8. PROVIDE MIXING BOX WITH MODULATING OUTDOOR AIR DAMPER AND MODULATING RETURN AIR DAMPER.
9. PROVIDE WITH VARIABLE SPEED REFRIGERANT COMPRESSOR OR SOME MEANS TO MODULATE CAPACITY ON PART-LOAD DAY.
10. PROVIDE STAINLESS STEEL CONDENSATE DRAIN PAN WITH CONDENSATE OVERFLOW SWITCH.
11. PROVIDE WITH SUPPLY FAN WITH EITHER ELECTRONICALLY COMMUTATED MOTOR OR MOTOR WITH VARIABLE SPEED DRIVE.
12. PROVIDE WITH BOTTOM SUPPLY AND RETURN DUCT CONNECTIONS.
13. PROVIDE DUCT SMOKE DETECTOR IN THE SUPPLY AND RETURN AIR STREAMS.
14. PROVIDE WITH 18" TALL ROOF CURB TO ACCOMMODATE SLOPED ROOF. REFER TO ARCHITECTURE ROOF PLAN FOR ROOF SLOPE. ROOF CURB SHALL COME WITH VIBRATION ISOLATION AND ACOUSTIC REDUCTION PER THE SPECIFICATIONS.

GENERAL EXHAUST FAN (EF) SCHEDULE

MARK	EXHAUST FAN: FAN: FAN TYPE	FAN: AIRFLOW (CFM)	FAN: ESP (IN. W.G.)	FAN: BHP	FAN MOTOR: DRIVE	FAN MOTOR: HP	VOLT / PH	BASIS OF DESIGN: UNIT WEIGHT (LB)	BASIS OF DESIGN: MANUFACTURER	BASIS OF DESIGN: MODEL	NOTES
EF-01	CENTRIFUGAL DOWNBLAST	630	0.5	0.09	DIRECT	1/4	115 / 1		GREENHECK	G-100-VG	1 THROUGH 4
EF-02	CENTRIFUGAL UPBLAST	3,100	0.7	0.72	DIRECT	2	208 / 3	192	GREENHECK	CUE-180-VG	1 THROUGH 4
EF-03	CENTRIFUGAL DOWNBLAST	375	0.56	0.07	DIRECT	1/15	115 / 1		GREENHECK	G-090-VG	1 THROUGH 4
EF-04	CENTRIFUGAL CEILING	75	0.25	0.01	DIRECT	1/50	115 / 1		GREENHECK	SP-A90	1 THROUGH 4

NOTES:

1. DIVISION 23 CONTRACTOR SHALL SUPPLY ELECTRICAL DISCONNECTS, PROVIDED BY MANUFACTURER OR OTHERS. DISCONNECTS THAT ARE SHIPPED LOOSE SHALL BE INSTALLED BY DIVISION 26 CONTRACTOR.
2. PROVIDE WITH HAND / OFF / AUTO (HOA) CONTROLLER.
3. PROVIDE WITH GRAVITY BACKDRAFT DAMPER.
4. PROVIDE WITH 12" TALL ROOF CURB TO ACCOMMODATE SLOPED ROOF. REFER TO ARCHITECTURE ROOF PLAN FOR ROOF SLOPE.

LOUVER (LVR) SCHEDULE

MARK	APPLICATION	CFM	FREE AREA VELOCITY (FPM)	FREE AREA (SQFT)	PRESSURE DROP (IN. W.C.)	VOLT / PH	W X H X D (IN x IN x IN)	UNIT WEIGHT (LB)	MANUFACTURER	MODEL	NOTES
LVR-01A	INTAKE	1,550	510	3.04	0.036	115 / 1	32 X 32 X 6	65	GREENHECK	ECD-601	1 THROUGH 4
LVR-01B	INTAKE	1,550	510	3.04	0.036	115 / 1	32 X 32 X 6	65	GREENHECK	ECD-601	1 THROUGH 4

NOTES:

1. PROVIDE WITH BIRDSCREEN.
2. PROVIDE WITH FLANGE FRAME.
3. PROVIDE WITH MOUNTING CLIPS.
4. PROVIDE WITH BAKED ENAMEL FINISH AND COLOR APPROVED BY ARCHITECT.

VAV TERMINAL UNIT SCHEDULE

MARK	INLET ø (IN)	MAX. COOLING CFM	MIN. CFM	MAX. HEATING CFM	ELECTRIC HEAT: EAT (°F)	ELECTRIC HEAT: LAT (°F)	ELECTRIC HEAT: KW	ELECTRIC HEAT: NO. STAGES	ELECTRIC HEAT: VOLT / PH	BASIS OF DESIGN: MANUFACTURER	BASIS OF DESIGN: MODEL	NOTES
VAV-1-01	6	305	95	225	50	90	3	MODULATING	208 / 3	DAIKIN APPLIED	MQTH506	1 THROUGH 7
VAV-1-02	8	610	185	305	50	90	4	MODULATING	208 / 3	DAIKIN APPLIED	MQTH508	1 THROUGH 7
VAV-1-03	5	245	75	245	50	90	3	MODULATING	208 / 3	DAIKIN APPLIED	MQTH505	1 THROUGH 7
VAV-1-04	5	190	60	165	50	90	2	MODULATING	208 / 3	DAIKIN APPLIED	MQTH505	1 THROUGH 7
VAV-1-05	6	285	90	285	50	90	3.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH506	1 THROUGH 7
VAV-1-06	5	265	80	150	50	90	2	MODULATING	208 / 3	DAIKIN APPLIED	MQTH505	1 THROUGH 7
VAV-1-07	4	100	45	--	--	--	--	--	115 / 1	DAIKIN APPLIED	MQTH504	1 THROUGH 7
VAV-1-08	4	100	45	--	--	--	--	--	115 / 1	DAIKIN APPLIED	MQTH504	1 THROUGH 7
VAV-2-01	8	595	180	415	50	90	5.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH508	1 THROUGH 7
VAV-2-02	5	265	80	265	50	90	3.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH505	1 THROUGH 7
VAV-2-03	4	145	45	75	50	90	1	MODULATING	208 / 3	DAIKIN APPLIED	MQTH504	1 THROUGH 7
VAV-2-04	4	145	45	75	50	90	1	MODULATING	208 / 3	DAIKIN APPLIED	MQTH504	1 THROUGH 7
VAV-2-05	5	225	70	115	50	90	1.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH505	1 THROUGH 7
VAV-2-06	5	235	75	120	50	90	1.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH505	1 THROUGH 7
VAV-2-07	4	175	55	115	50	90	1.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH504	1 THROUGH 7
VAV-2-08	4	175	55	115	50	90	1.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH504	1 THROUGH 7
VAV-2-09	4	180	55	115	50	90	1.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH504	1 THROUGH 7
VAV-2-10	4	110	45	75	50	90	1	MODULATING	208 / 3	DAIKIN APPLIED	MQTH504	1 THROUGH 7
VAV-2-11	5	190	60	190	50	90	2.5	MODULATING	208 / 3	DAIKIN APPLIED	MQTH505	1 THROUGH 7

NOTES:

1. DIVISION 23 CONTRACTOR SHALL SUPPLY ELECTRICAL DISCONNECTS, PROVIDED BY MANUFACTURER OR OTHERS. DISCONNECTS THAT ARE SHIPPED LOOSE SHALL BE INSTALLED BY DIVISION 26 CONTRACTOR. UNIT SHALL HAVE A SINGLE POINT POWER CONNECTION.
2. PROVIDE WITH POWER FUSE.
3. PROVIDE WITH FACTORY MOUNTED DDC CONTROLS AND CONTROLS ENCLOSURE.
4. PROVIDE WITH REMOVABLE AIRFLOW SENSOR.
5. PROVIDE WITH 1" THICK FOIL FACED FIBERGLASS LINER.
6. PROVIDE WITH HANGER BRACKETS.
7. COORDINATE LEFT/RIGHT HAND UNIT SELECTION WITH ACTUAL FIELD INSTALLED LOCATION.

TYPE I KITCHEN EXHAUST HOOD SCHEDULE

MARK	TYPE	EXHAUST HOOD: EXHAUST AIR: CFM	EXHAUST HOOD: EXHAUST AIR: CFM/FT	EXHAUST HOOD: ESP (IN W.G.)	EXHAUST HOOD: L x W x H (IN x IN x IN)	AIR CURTAIN SUPPLY PLENUM: CFM	AIR CURTAIN SUPPLY PLENUM: ESP (IN W.G.)	AIR CURTAIN SUPPLY PLENUM: L x W x H (IN x IN x IN)	UTILITY CABINET: L x W x H (IN x IN x IN)	WEIGHT (LB)	MANUFACTURER	MODEL	NOTES
KEH-01	WALL CANOPY	985	197	0.58	60 x 48 x 24	790	0.01	72 x 14 x 4	48 x 12 x 24	400	GREENHECK	GXEW	1,2

NOTES:

1. PROVIDE WITH A PRE-ENGINEERED AUTOMATIC WET CHEMICAL FIRE-EXTINGUISHING SYSTEM BY THE KITCHEN EXHAUST EQUIPMENT MANUFACTURER. THE FIRE-EXTINGUISHING SYSTEM SHALL COMPLY WITH NFPA 96 AND UL 300 OR OTHER EQUIVALENT STANDARDS AND SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LISTING, THE MANUFACTURER'S INSTRUCTIONS, AND NFPA 17A.
2. PROVIDE WITH FACTORY CONTROLS BY THE KITCHEN EXHAUST EQUIPMENT MANUFACTURER.

MAKEUP AIR UNIT (MAU) SCHEDULE

MARK	SUPPLY FAN: CFM	SUPPLY FAN: RPM	SUPPLY FAN: ESP (IN. W.C.)	SUPPLY FAN: BHP	SUPPLY FAN MOTOR: DRIVE	SUPPLY FAN MOTOR: HP	FILTER TYPE	DX COOLING COIL: TOTAL CAPACITY (MBH)	DX COOLING COIL: SENSIBLE CAPACITY (MBH)	DX COOLING COIL: EAT (°F): DBT	DX COOLING COIL: EAT (°F): WBT	DX COOLING COIL: LAT (°F): DBT	DX COOLING COIL: LAT (°F): WBT	MODULATING HOT GAS REHEAT: CAPACITY (MBH)	MODULATING HOT GAS REHEAT: LAT (°F)	MODULATING NATURAL GAS HEAT: INPUT (MBH)	MODULATING NATURAL GAS HEAT: OUTPUT (MBH)	MODULATING NATURAL GAS HEAT: EAT (°F)	MODULATING NATURAL GAS HEAT: LAT (°F)	ELECTRICAL: MCA	ELECTRICAL: MOCP	ELECTRICAL: VOLT / PH	WEIGHT (LB)	MODEL	NOTES
MAU-01	790	1,106	0.50	0.15	DIRECT	1/2	MERV 8	70.5	25.2	83.1	78.2	51.8	51.3	24.2	75	75	60.8	18.8	70	27.9	45	208 / 3	1,064	RV-20-SJ-B-E2	1 THROUGH 13

NOTES:

1. DIVISION 23 CONTRACTOR SHALL SUPPLY ELECTRICAL DISCONNECTS, PROVIDED BY MANUFACTURER OR OTHERS. DISCONNECTS THAT ARE SHIPPED LOOSE SHALL BE INSTALLED BY DIVISION 26 CONTRACTOR.
2. PROVIDE WITH THROUGH-THE-BASE ELECTRICAL CONNECTIONS.
3. PROVIDE WITH UNIT POWERED 115V GFCI OUTLET.
4. PROVIDE WITH CONFIGURABLE CONTROLS BY THE RTU MANUFACTURER. CONTROLS SHALL BE CAPABLE OF SUPPORTING DIGITAL COMMUNICATION USING THE BACnet PROTOCOL.
5. PROVIDE WITH DOUBLE-WALL FOAM INSULATED CABINET OR DOUBLE-WALL FIBERGLASS INSULATED CABINET. CABINET SHALL BE MINIMUM R-7.
6. PROVIDE WITH HINGED ACCESS PANELS.
7. PROVIDE WITH OUTDOOR AIR HOOD.
8. PROVIDE WITH TWO-POSITION OUTDOOR AIR DAMPER.
9. PROVIDE WITH VARIABLE SPEED REFRIGERANT COMPRESSOR OR SOME MEANS TO MODULATE CAPACITY ON PART-LOAD DAY.
10. PROVIDE STAINLESS STEEL CONDENSATE DRAIN PAN WITH CONDENSATE OVERFLOW SWITCH.
11. PROVIDE WITH SUPPLY FAN WITH EITHER ELECTRONICALLY COMMUTATED MOTOR OR MOTOR WITH VARIABLE SPEED DRIVE.
12. PROVIDE WITH BOTTOM SUPPLY DUCT CONNECTION.
13. PROVIDE WITH 18" TALL ROOF CURB TO ACCOMMODATE SLOPED ROOF. REFER TO ARCHITECTURE ROOF PLAN FOR ROOF SLOPE. ROOF CURB SHALL COME WITH VIBRATION ISOLATION AND ACOUSTIC REDUCTION PER THE SPECIFICATIONS.

HIGH VOLUME, LOW SPEED (HVLS) FAN SCHEDULE

MARK	AREA SERVED	FAN: AIRFLOW (CFM)	FAN: RPM	FAN: MAX. RPM	FAN: AVG. AIR SPEED (FPM)	FAN: OPERATIVE TEMPERATURE (°F)	FAN: RELATIVE HUMIDITY (%)	FAN: METABOLIC RATE	FAN: CLOTHING LEVEL	FAN: PERCEIVED COOLING EFFECT (°F)	ELECTRICAL: MOTOR WATTAGE (W)	ELECTRICAL: VOLT / PH	BASIS OF DESIGN: IMPELLER DIAMETER (IN)	BASIS OF DESIGN: UNIT WEIGHT (LB)	BASIS OF DESIGN: MANUFACTURER	BASIS OF DESIGN: MODEL	NOTES
HVLS-01	APPARATUS BAY	25,744	88	141	130	77	60	1.7 WALKING	0.57 PANTS, SHORT SLEEVES	7	500	208 / 3	120	135	GREENHECK	DS-3-10-70LV	1 THROUGH 5

NOTES:

1. DIVISION 23 CONTRACTOR SHALL SUPPLY ELECTRICAL DISCONNECTS, PROVIDED BY MANUFACTURER OR OTHERS. DISCONNECTS THAT ARE SHIPPED LOOSE SHALL BE INSTALLED BY DIVISION 26 CONTRACTOR.
2. PROVIDE FACTORY-MOUNTED, WIRED, AND PROGRAMMED VFD. VFD SHALL BE CAPABLE OF OVER-SPEED AND IMPACT DETECTION ALONG WITH TEMPERATURE, VOLTAGE, AND CURRENT MONITORING.
3. PROVIDE WITH DIGITAL KEYPAD CONTROL INTERFACE.
4. PROVIDE WITH MOUNTING KIT APPROPRIATE FOR BUILDING CONSTRUCTION.
5. PROVIDE FINISH AS APPROVED BY ARCHITECT.

GAS UNIT HEATER (GUH) SCHEDULE

MARK	AREA(S) SERVED	TYPE	INPUT (MBH)	OUTPUT (MBH)	FAN HP	AMPS	VOLT / PH	L x W x H (IN x IN x IN)	MANUFACTURER	MODEL	NOTES
GUH-01	APPARATUS BAY	GAS-FIRED PROPELLER	200	164	1/3	7.15	115 / 1	42.5 X 22.1 X 25.8	MODINE	PTX-200	1,2
GUH-02	APPARATUS BAY	GAS-FIRED PROPELLER	200	164	1/3	7.15	115 / 1	42.5 X 22.1 X 25.8	MODINE	PTX-200	1,2

NOTES:

1. DIVISION 23 CONTRACTOR SHALL SUPPLY ELECTRICAL DISCONNECTS, PROVIDED BY MANUFACTURER OR OTHERS. DISCONNECTS THAT ARE SHIPPED LOOSE SHALL BE INSTALLED BY DIVISION 26 CONTRACTOR.
2. PROVIDE WITH VERTICAL CONCENTRIC VENT KIT.

KITCHEN EXHAUST FAN (KEF) SCHEDULE

MARK	EXHAUST FAN: FAN: FAN TYPE	FAN: AIRFLOW (CFM)	FAN: ESP (IN. W.G.)	FAN: BHP	FAN MOTOR: DRIVE	FAN MOTOR: HP	VOLT / PH	BASIS OF DESIGN: UNIT WEIGHT (LB)	BASIS OF DESIGN: MANUFACTURER	BASIS OF DESIGN: MODEL	NOTES
KEF-01	CENTRIFUGAL UPBLAST	985	0.832	0.26	DIRECT	1/2	115 / 1	142	GREENHECK	CUE-140-VG	1 THROUGH 5

NOTES:

1. DIVISION 23 CONTRACTOR SHALL SUPPLY ELECTRICAL DISCONNECTS, PROVIDED BY MANUFACTURER OR OTHERS. DISCONNECTS THAT ARE SHIPPED LOOSE SHALL BE INSTALLED BY DIVISION 26 CONTRACTOR.
2. PROVIDE WITH ROOF CURB TO ACCOMMODATE SLOPED ROOF. REFER TO ARCHITECTURE ROOF PLAN FOR ROOF SLOPE. ROOF CURB HEIGHT SHALL BE TALL ENOUGH SO EXHAUST DISCHARGE OUTLET IS AT LEAST 40 INCHES ABOVE THE ROOF SURFACE.
3. PROVIDE FAN LISTED AND LABELED IN ACCORDANCE WITH UL 705-SUPPLEMENT SC-RESTAURANT EXHAUST.
4. PROVIDE WITH GREASE CUP.
5. PROVIDE UPBLAST FAN WHEEL ACCESS PORT.

ELECTRIC UNIT HEATER (UH) SCHEDULE

MARK	AREA(S) SERVED	TYPE	INPUT (KW)	AMPS	VOLT / PH	L x W x H (IN x IN x IN)	MANUFACTURER	MODEL	NOTES
UH-1	FIRE RISER	ELECTRIC	3.3	9.17	208 / 3	14-15/32 X 6-1/2 X 17-3/4	MARKEL	5100 SERIES	1,2,3
UH-2	STAIRWELL 1	ELECTRIC	3.0	9.2	208 / 3	33 X 6-1/2 X 17-3/4	MARKEL	6300 SERIES	1,2
UH-3	STAIRWELL 2	ELECTRIC	3.0	9.2	208 / 3	33 X 6-1/2 X 17-3/4	MARKEL	6300 SERIES	1,2

NOTES:

1. DIVISION 23 CONTRACTOR SHALL SUPPLY ELECTRICAL DISCONNECTS, PROVIDED BY MANUFACTURER OR OTHERS. DISCONNECTS THAT ARE SHIPPED LOOSE SHALL BE INSTALLED BY DIVISION 26 CONTRACTOR.
2. PROVIDE WITH WIRED THERMOSTAT.
3. PROVIDE WITH WALL/CEILING BRACKET.

GRILLES, REGISTERS & DIFFUSERS SCHEDULE

MARK	TYPE	MOUNTING	MATERIAL	FACE SIZE	BASIS OF DESIGN: MANUFACTURER	BASIS OF DESIGN: MODEL	NOTES
EG-2	LOUVERED EXHAUST GRILLE	SURFACE	ALUMINUM	PER MFG.	PRICE INDUSTRIES	630	1,2,3
RG-1	EGGCRATE RETURN GRILLE	LAY-IN	ALUMINUM	24" x 24"	PRICE INDUSTRIES	80	1,2
RG-2	EGGCRATE RETURN GRILLE	SURFACE	ALUMINUM	PER MFG.	PRICE INDUSTRIES	80	1,2
RG-3	LOUVERED RETURN GRILLE	SURFACE	ALUMINUM	PER MFG.	PRICE INDUSTRIES	630	1,2
SD-1	SQUARE PLAQUE DIFFUSER	LAY-IN	ALUMINUM	24" x 24"	PRICE INDUSTRIES	ASPD	1,2,3,4
SD-2	SQUARE PLAQUE DIFFUSER	SURFACE	ALUMINUM	24" x 24"	PRICE INDUSTRIES	ASPD	1,2,3,4

NOTES:

1. PROVIDE WITH POWDER COAT FINISH WITH STANDARD WHITE PAINT.
2. PROVIDE WITH NECK SIZE AS INDICATED ON PLANS. ALL LAY-IN RETURN GRILLES WITHOUT A DUCT CONNECTION SHALL COME WITH A RETURN AIR CANOPY (PRICE, MODEL: RAC) AND SHALL HAVE A NECK SIZE OF 22"x22" UNLESS NOTED OTHERWISE.
3. PROVIDE WITH MANUAL BALANCING DAMPER. BALANCING DAMPER SHALL BE LOCATED AT BRANCH TAKE OFF. WHERE PROVIDING BALANCING DAMPER AT BRANCH TAKE OFF IS NOT FEASIBLE, BALANCING DAMPER SHALL BE FACTORY INSTALLED AND PROVIDED AT THE AIR TERMINAL.
4. PROVIDE BACK PAN WITH EXTERNAL R-6 INSULATION WITH A MOLDED HEAVY DUTY FOIL/SCRIM VAPOR BARRIER.

VEHICLE EXHAUST RAIL SCHEDULE

MARK	LENGTH (FT)	WEIGHT (LB)	MOUNTING HEIGHT (FT)	RAIL TO VEHICLE DISTANCE (IN)	RAIL TO DOOR DISTANCE (FT)	MANUFACTURER	MODEL
MR-1	47.5	235	10-14	12-24	5.5-8	PLYMOVENT	MRP-50

VEHICLE EXHAUST FAN (VEF) SCHEDULE

MARK	EXHAUST FAN: FAN: FAN TYPE	FAN: AIRFLOW (CFM)	FAN: ESP (IN. W.G.)	FAN MOTOR: DRIVE	FAN MOTOR: HP	VOLT / PH	BASIS OF DESIGN: UNIT WEIGHT (LB)	BASIS OF DESIGN: MANUFACTURER	BASIS OF DESIGN: MODEL	NOTES
VEF-01	CENTRIFUGAL	1,528	8.05	DRIVE	3	208 / 3	99.2	PLYMOVENT	FUA-4700	

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1 ADDENDUM 4 | 02/06/2026

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ASHVILLE FIRE STATION #2
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GMC # AHUN250003

ALABAMA LICENSED PROFESSIONAL ENGINEER No. 38810 ANDREAS R. HAHN

MECHANICAL SCHEDULES

M6.01

TEMPLATE VERSION: 2025.1
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SINGLE-DUCT VAV TERMINAL UNIT

SYSTEM DESCRIPTION:
THE SINGLE-DUCT VAV TERMINAL UNIT CONSISTS OF AN AIRFLOW SENSOR, MOTORIZED SUPPLY AIRFLOW CONTROL DAMPER, A MODULATING ELECTRIC REHEAT COIL, AND ALL ASSOCIATED APPURTENANCES AND DEVICES DEPICTED ON THE CONTROL SYSTEM DIAGRAM.

1 UNIT CONTROLLER AND ZONE SENSORS:
CONFIGURABLE UNIT CONTROLLER SHALL BE PROVIDED AND PROGRAMMED FOR EACH TERMINAL UNIT BY THE TERMINAL UNIT MANUFACTURER WITH THE SEQUENCE OF OPERATION AS INDICATED BELOW. THE UNIT CONTROLLER SHALL BE CAPABLE OF SUPPORTING DIGITAL COMMUNICATION USING THE BACnet PROTOCOL. THE HVAC CONTROLS CONTRACTOR SHALL INTEGRATE THE UNIT CONTROLLER WITH THE BUILDING AUTOMATION SYSTEM (BAS) AND SHALL PROVIDE THE NECESSARY CONTROL WIRING AND DEVICES (NETWORK CONTROLLERS, GATEWAYS, ETC.) FOR THE BAS TO MONITOR AND ADJUST SETPOINTS AND GENERATE ALARMS.

EACH VAV TERMINAL UNIT SHALL BE SUPPLIED WITH A WIRED, WALL-MOUNTED ZONE TEMPERATURE AND HUMIDITY SENSOR WITH OVERRIDE BUTTON TO TEMPORARILY OVERRIDE UNOCCUPIED MODE FOR UP TO 2 HOURS.

OCCUPIED MODE:

WHEN THE ASSOCIATED AHU IS PLACED IN OCCUPIED MODE, THE FOLLOWING ACTIONS SHALL OCCUR:

COOLING MODE:
WHEN THE ZONE TEMPERATURE IS ABOVE THE OCCUPIED ZONE DRY BULB TEMPERATURE COOLING SETPOINT OF 75°F (ADJUSTABLE), THE UNIT CONTROLLER SHALL OPEN THE SUPPLY AIRFLOW CONTROL DAMPER TO THE MAXIMUM AIRFLOW POSITION. AS THE ZONE DRY BULB TEMPERATURE FALLS TO THE COOLING SETPOINT, THE UNIT CONTROLLER SHALL MODULATE THE SUPPLY AIRFLOW CONTROL DAMPER BETWEEN MINIMUM AND MAXIMUM AIRFLOW POSITIONS TO MAINTAIN THE ZONE DRY BULB TEMPERATURE SETPOINT. THE UNIT SHALL MAINTAIN THE SUPPLY AIRFLOW CONTROL DAMPER AT THE MINIMUM AIRFLOW POSITION WHEN THE ZONE DRY BULB TEMPERATURE IS BETWEEN THE COOLING AND HEATING SETPOINTS.

DEHUMIDIFICATION MODE:
THE UNIT CONTROLLER SHALL MONITOR THE ZONE RELATIVE HUMIDITY LEVEL. WHEN THE UNIT IS IN COOLING MODE AND THE ZONE RELATIVE HUMIDITY IS 10% ABOVE THE ZONE RELATIVE HUMIDITY SETPOINT OF 50% (ADJUSTABLE), THE UNIT CONTROLLER SHALL ENABLE DEHUMIDIFICATION MODE. IN THIS MODE, THE UNIT SHALL INCREASE THE SUPPLY AIRFLOW INCREMENTALLY, UP TO THE MAXIMUM AIRFLOW RATE, AND MODULATE THE REHEAT COIL TO MAINTAIN ZONE TEMPERATURE AT 0-3°F (ADJUSTABLE) BELOW THE OCCUPIED ZONE DRY BULB TEMPERATURE COOLING SETPOINT. WHEN THE ZONE RELATIVE HUMIDITY FALLS TO WITHIN 3% (ADJUSTABLE) OF THE ZONE RELATIVE HUMIDITY SETPOINT, THE UNIT CONTROLLER SHALL DE-ENGERGIZE THE REHEAT COIL AND DISABLE DEHUMIDIFICATION MODE.

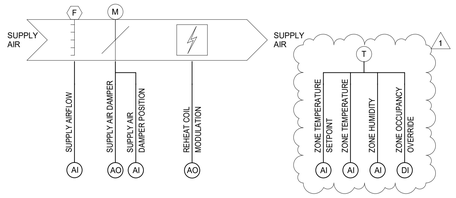
HEATING MODE:
WHEN THE ZONE TEMPERATURE FALLS BELOW THE OCCUPIED ZONE DRY BULB TEMPERATURE HEATING SETPOINT OF 70°F (ADJUSTABLE), THE UNIT CONTROLLER SHALL ENGAGE HEATING MODE. IN THIS MODE, THE UNIT CONTROLLER SHALL MODULATE THE REHEAT COIL TO MAINTAIN THE OCCUPIED ZONE DRY BULB TEMPERATURE HEATING SETPOINT. IF THE ZONE DRY BULB TEMPERATURE CONTINUES TO FALL, THE UNIT CONTROLLER SHALL MODULATE THE SUPPLY AIRFLOW CONTROL DAMPER OPEN, UP TO THE MAXIMUM HEATING AIRFLOW RATE, IN CONJUNCTION WITH MODULATING THE REHEAT COIL TO MAINTAIN THE OCCUPIED ZONE DRY BULB TEMPERATURE HEATING SETPOINT.

ZONE TEMPERATURE DEADBAND:
THE MINIMUM OCCUPIED ZONE TEMPERATURE DEADBAND SHALL NOT BE ALLOWED TO BE LESS THAN 5°F; IF THE OCCUPIED ZONE HEATING OR COOLING SETPOINT IS ADJUSTED, THE UNIT CONTROLLER SHALL AUTOMATICALLY ADJUST THE CONVERSE SETPOINT TO MAINTAIN A 5°F DEADBAND.

UNOCCUPIED MODE:

WHEN THE ASSOCIATED RTU IS PLACED IN UNOCCUPIED MODE, THE FOLLOWING ACTIONS SHALL OCCUR:

1. THE UNIT CONTROLLER SHALL DE-ENERGIZE THE REHEAT COIL AND FULLY OPEN THE SUPPLY AIRFLOW CONTROL DAMPER..
2. IF THE ZONE TEMPERATURE RISES ABOVE/DROPS BELOW MORE THAN 3°F THAN THE UNOCCUPIED ZONE DRY BULB TEMPERATURE SETPOINTS OF 85°F (COOLING) AND 55°F (HEATING) (BOTH SETPOINTS ADJUSTABLE), THE BAS SHALL START THE ASSOCIATED RTU AND THE BAS SHALL ENABLE THE COOLING MODE/HEATING MODE SEQUENCES UNTIL THE ZONE DRY BULB TEMPERATURE IS INSIDE THE UNOCCUPIED ZONE TEMPERATURE SETPOINTS BY AT LEAST 3°F.
3. IF THE ZONE HUMIDITY LEVEL RISES MORE THAN 15% ABOVE THE ZONE HUMIDITY LEVEL SETPOINT OF 50% (ADJUSTABLE), AND THE ZONE TEMPERATURE IS ABOVE THE OCCUPIED COOLING SETPOINT OF 75°F (ADJUSTABLE), THE BAS SHALL START THE ASSOCIATED RTU AND THE BAS SHALL ENABLE THE COOLING MODE SEQUENCE UNTIL THE ZONE HUMIDITY LEVEL IS NO MORE THAN 10% ABOVE THE ZONE HUMIDITY LEVEL SETPOINT.



CONTROL POINT SCHEDULE

VAV-1-01 THROUGH VAV-2-07

#	DESCRIPTION	INPUT		OUTPUT	
		ANALOG	DIGITAL	ANALOG	DIGITAL
1	SUPPLY AIRFLOW RATE	X			
2	SUPPLY AIR DAMPER CONTROL (0 TO 100%)			X	
3	SUPPLY AIR DAMPER POSITION	X			
4	REHEAT COIL MODULATION			X	
5	ZONE AIR DRY BULB TEMPERATURE	X			
6	ZONE AIR DRY BULB TEMPERATURE SETPOINT	X			
7	ZONE AIR RELATIVE HUMIDITY	X			
8	ZONE OCCUPANCY OVERRIDE		X		

1

EMERGENCY EXHAUST FAN CONTROL

SYSTEM DESCRIPTION:

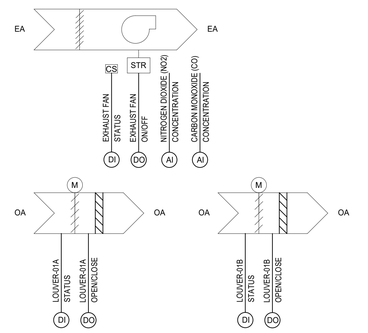
THE APPARATUS BAY EMERGENCY EXHAUST FAN SYSTEM CONSISTS OF A DIRECT-DRIVE FAN, GRAVITY-OPERATED BACKDRAFT DAMPER, AND ALL ASSOCIATED APPURTENANCES AND DEVICES DEPICTED ON THE CONTROL SYSTEM DIAGRAM. IN ADDITION TO THE EXHAUST FAN, TWO (X2) INTAKE COMBINATION LOUVER/DAMPERS SHALL BE INTERLOCKED WITH THE EXHAUST FAN OPERATION.

UNIT CONTROLLER:

THE EXHAUST FAN SHALL BE SUPPLIED WITH A FACTORY-MOUNTED DDC CONTROLLER WITH HAND / OFF / AUTO (HOA) CONTROL.

SYSTEM STARTUP/SHUTDOWN

THE EXHAUST FAN SHALL BE STARTED/STOPPED BASED ON INPUTS FROM CARBON MONOXIDE AND NITROGEN DIOXIDE SENSORS LOCATED IN THE APPARATUS BAY. IF ANY CARBON MONOXIDE SENSOR DETECTS A CONCENTRATION OF 25 PPM OR GREATER OR IF ANY NITROGEN DIOXIDE SENSOR DETECTS A CONCENTRATION OF 0.5 PPM OR GREATER, LOUVER-01A'S DAMPER AND LOUVER-01B'S DAMPER SHALL OPEN. ONCE BOTH LOUVER DAMPERS ARE CONFIRMED OPEN, THE EXHAUST FAN SHALL BE STARTED AND SHALL RUN CONTINUOUSLY AT A CONSTANT SPEED, SET DURING TEST AND BALANCE, TO EXHAUST THE SCHEDULED AIRFLOW (CFM). THE EXHAUST FAN SHALL BE STOPPED WHEN THE APPARATUS BAYS CARBON MONOXIDE CONCENTRATION DROPS BELOW 20 PPM AND THE NITROGEN DIOXIDE CONCENTRATION DROPS BELOW 0.4 PPM.



CONTROL POINT SCHEDULE

EF-02

#	DESCRIPTION	INPUT		OUTPUT	
		ANALOG	DIGITAL	ANALOG	DIGITAL
1	EXHAUST FAN ON/OFF				X
2	EXHAUST FAN STATUS		X		
3	LOUVER-01A DAMPER OPEN/CLOSE				X
4	LOUVER-01A DAMPER POSITION		X		
5	LOUVER-01B DAMPER OPEN/CLOSE				X
6	LOUVER-01B DAMPER POSITION		X		
7	APPARATUS BAY CO PPM	X			
8	APPARATUS BAY NO_2 PPM	X			

MULTI-ZONE VAV RTU

SYSTEM DESCRIPTION:
THE MULTI-ZONE ROOFTOP UNIT CONSISTS OF A RETURN AIR PATH WITH RETURN AIR DAMPER, OUTDOOR AIR PATH WITH OUTDOOR AIR DAMPER, PLEATED FILTERS, A DX COOLING COIL, A GAS HEAT EXCHANGER, DIRECT DRIVE SUPPLY AIR FAN(S) WITH VFD, AND ALL ASSOCIATED APPURTENANCES AND DEVICES DEPICTED ON THE CONTROL SYSTEM DIAGRAM.

REFER TO THE ZONE VAV TERMINAL UNIT CONTROLS DIAGRAM FOR THE ASSOCIATED CONTROL SEQUENCES.

1 UNIT CONTROLLER:
CONFIGURABLE UNIT CONTROLLER SHALL BE PROVIDED AND PROGRAMMED FOR EACH RTU BY THE RTU MANUFACTURER WITH THE SEQUENCE OF OPERATION AS INDICATED BELOW. THE UNIT CONTROLLER SHALL BE CAPABLE OF SUPPORTING DIGITAL COMMUNICATION USING THE BACnet PROTOCOL. THE HVAC CONTROLS CONTRACTOR SHALL INTEGRATE THE UNIT CONTROLLER WITH THE BUILDING AUTOMATION SYSTEM (BAS) AND SHALL PROVIDE THE NECESSARY CONTROL WIRING AND DEVICES (NETWORK CONTROLLERS, GATEWAYS, ETC.) FOR THE BAS TO MONITOR AND ADJUST SETPOINTS AND GENERATE ALARMS.

SYSTEM STARTUP/SHUTDOWN:

THE UNIT SHALL BE STARTED/STOPPED THROUGH THE BAS. THE BAS SHALL ALLOW THE OPERATOR TO SET AND ADJUST OCCUPIED/UNOCCUPIED MODES BASED ON A 24-HOUR/7-DAY SCHEDULE.

OCCUPIED MODE:

WHEN THE SYSTEM IS PLACED IN OCCUPIED MODE, THE FOLLOWING STANDARD SEQUENCES SHALL BE ENABLED:

1 OUTDOOR AIR / RETURN AIR DAMPER CONTROL FOR VENTILATION:
THE OUTDOOR AIR DAMPER AND RETURN AIR DAMPER SHALL MODULATE BASED ON THE SUPPLY AIR FAN SPEED TO MAINTAIN THE OUTDOOR AIRFLOW RATE (CFM) SETPOINT. THE MINIMUM OUTDOOR AIR DAMPER POSITION SHALL BE CONFIGURED DURING TEST AND BALANCE AT THE FOLLOWING SUPPLY AIR FAN SPEEDS: 30%, 50%, 66%, 100%.

SUPPLY AIR FAN CONTROL:
THE SUPPLY AIR FAN(S) SHALL RUN CONTINUOUSLY. THE UNIT SHALL USE ITS INTERNAL CONTROL ALGORITHMS TO VARY THE SPEED OF THE SUPPLY AIR FAN(S) (MULTI-ZONE VARIABLE AIR VOLUME CONTROL) TO MAINTAIN A DUCT STATIC PRESSURE SETPOINT OF 1.0 IN. W.G. (ADJUSTED DURING TEST AND BALANCE). THE DUCT STATIC PRESSURE TRANSMITTER SHALL BE INSTALLED IN THE DOWNSTREAM DUCTWORK, IN A LOCATION APPROXIMATELY 2/3 TO 3/4 TO THE FARTHEST VAV TERMINAL BOX. THE SUPPLY AIR FAN SPEED SHALL NOT BE ALLOWED TO DROP BELOW 30%.

SUPPLY AIR TEMPERATURE CONTROL (COOLING):
WHEN THE SUPPLY AIR TEMPERATURE IS ABOVE THE SUPPLY AIR DRY BULB TEMPERATURE MAXIMUM SETPOINT OF 55°F (ADJUSTABLE), THE UNIT CONTROLLER SHALL ENABLE COOLING MODE. IN THIS MODE, THE UNIT CONTROLLER SHALL MODULATE THE COOLING COIL TO MAINTAIN A MAXIMUM SUPPLY AIR DRY BULB TEMPERATURE OF 55°F (ADJUSTABLE).

SUPPLY AIR TEMPERATURE CONTROL (HEATING):
WHEN THE SUPPLY AIR TEMPERATURE IS BELOW THE SUPPLY AIR DRY BULB TEMPERATURE MINIMUM SETPOINT OF 50°F (ADJUSTABLE), THE UNIT CONTROLLER SHALL ENABLE HEATING MODE. IN THIS MODE, THE UNIT CONTROLLER SHALL MODULATE THE GAS HEAT EXCHANGER TO MAINTAIN THE SUPPLY AIR DRY BULB TEMPERATURE MINIMUM SETPOINT OF 50°F (ADJUSTABLE).

SUPPLY AIR TEMPERATURE DEADBAND:
WHEN THE SUPPLY AIR TEMPERATURE IS BETWEEN THE SUPPLY AIR DRY BULB TEMPERATURE MINIMUM AND MAXIMUM SETPOINTS (50°F - 55°F, ADJUSTABLE), THE UNIT CONTROLLER SHALL CLOSE THE GAS HEAT EXCHANGER VALVE AND DE-ENERGIZE THE COOLING COIL TO PREVENT SIMULTANEOUS HEATING AND COOLING. THE SUPPLY AIR TEMPERATURE DEADBAND SHALL NOT BE ALLOWED TO BE LESS THAN 5°F; IF THE SUPPLY AIR HEATING OR COOLING SETPOINT IS ADJUSTED, THE UNIT CONTROLLER SHALL AUTOMATICALLY ADJUST THE CONVERSE SETPOINT TO MAINTAIN A 5°F DEADBAND.

SUPPLY AIR TEMPERATURE RESET:
WHEN THE OUTDOOR AIR TEMPERATURE FALLS BELOW 70°F (ADJUSTABLE) IN COOLING MODE, THE UNIT CONTROLLER SHALL RESET THE SUPPLY AIR TEMPERATURE SETPOINT UPWARDS LINEARLY AS OUTDOOR AIR TEMPERATURE FALLS BETWEEN 70°F AND 60°F, TO A MAXIMUM SETPOINT OF 60°F (ADJUSTABLE). AS THE OUTDOOR AIR TEMPERATURE RISES ABOVE 70°F, OR IF THE ZONE RELATIVE HUMIDITY IN ANY ASSOCIATED ZONE IS MORE THAN 5% ABOVE THE ZONE RELATIVE HUMIDITY SETPOINT OF 50% (ADJUSTABLE), THE UNIT CONTROLLER SHALL RESET THE SUPPLY AIR TEMPERATURE SETPOINT DOWNARDS TO THE MINIMUM SETPOINT OF 55°F (ADJUSTABLE).

STATIC PRESSURE RESET:
THE BAS SHALL MONITOR THE DAMPER POSITION OF ALL VAV TERMINAL BOXES ASSOCIATED WITH THE AHU. IF THE DAMPER POSITION OF ALL VAV TERMINAL BOXES IS BELOW 60% (ADJUSTABLE), THE BAS SHALL RESET THE STATIC PRESSURE SETPOINT DOWNWARDS, IN 0.1 IN. W.G. INCREMENTS, UNTIL THE MINIMUM VAV TERMINAL BOX DAMPER POSITION IS ABOVE 60% (ADJUSTABLE). IF THE MAXIMUM VAV TERMINAL BOX DAMPER POSITION RISES ABOVE 90%, THE BAS SHALL RESET THE STATIC PRESSURE UPWARDS SETPOINT UPWARDS, IN 0.2 IN. WG. INCREMENTS, UNTIL THE MAXIMUM VAV TERMINAL BOX IS BELOW 85%, OR THE STATIC PRESSURE REACHES THE MAXIMUM STATIC PRESSURE SETPOINT OF 1.0 IN W.G. (ADJUSTABLE).

UNOCCUPIED MODE:

WHEN THE UNIT IS PLACED IN UNOCCUPIED MODE, THE FOLLOWING ACTIONS SHALL OCCUR:

1. THE UNIT CONTROLLER SHALL USE ITS INTERNAL SHUTDOWN CONTROL ALGORITHMS TO CLOSE THE GAS HEAT EXCHANGER VALVE, DE-ENERGIZE THE COOLING COIL, DE-ENERGIZE THE SUPPLY AIR FAN(S), CLOSE THE OUTDOOR AIR DAMPER, AND OPEN THE RETURN AIR DAMPER.
2. IF THE ZONE TEMPERATURE IN ANY TWO (2) ASSOCIATED ZONES RISES ABOVE/DROPS BELOW THE UNOCCUPIED ZONE DRY BULB TEMPERATURE SETPOINTS OF 85°F (COOLING) AND 55°F (HEATING) (BOTH SETPOINTS ADJUSTABLE), OR IF THE ZONE TEMPERATURE IN ANY ONE (1) ZONE RISES ABOVE/DROPS BELOW MORE THAN 3°F THAN THE UNOCCUPIED DRYBULB TEMPERATURE SETPOINTS. THE BAS SHALL START THE UNIT AND THE UNIT SHALL ENABLE THE COOLING MODE/HEATING MODE SEQUENCES—WITH THE OUTDOOR AIR DAMPER CLOSED—UNTIL THE ZONE DRY BULB TEMPERATURE IN EACH ZONE IS INSIDE THE UNOCCUPIED ZONE TEMPERATURE SETPOINTS BY AT LEAST 3°F.
3. IF THE ZONE HUMIDITY LEVEL IN ANY ONE (1) ASSOCIATED ZONE RISES MORE THAN 15% ABOVE THE ZONE HUMIDITY LEVEL SETPOINT OF 50% (ADJUSTABLE), AND THE ZONE TEMPERATURE IS ABOVE THE OCCUPIED COOLING SETPOINT OF 75°F (ADJUSTABLE), THE BAS SHALL START THE UNIT AND THE UNIT SHALL ENABLE THE COOLING MODE SEQUENCE—WITH THE OUTDOOR AIR DAMPER CLOSED—UNTIL THE ZONE HUMIDITY LEVEL IS NO MORE THAN 10% ABOVE THE ZONE HUMIDITY LEVEL SETPOINT.

SMOKE DETECTION SHUTDOWN:

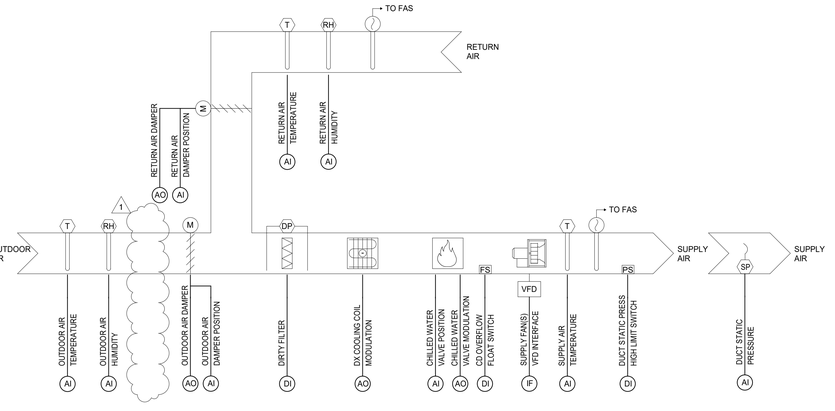
UPON ACTIVATION OF THE ASSOCIATED, HARD WIRED, INTERLOCKED DUCT SMOKE DETECTORS, THE FIRE ALARM SYSTEM SHALL DE-ENERGIZE THE UNIT (INCLUDING THE SUPPLY FAN(S)). THE UNIT CONTROLLER SHALL THEN SEND AN ALARM TO THE OPERATOR'S WORKSTATION. THE DUCT SMOKE DETECTORS SHALL BE ABLE TO BE REMOTELY RESET VIA THE FIRE ALARM PANEL OR REMOTE TEST SWITCH.

DRAIN PAN FLOAT SWITCH SHUTDOWN:

UPON ACTIVATION OF THE DRAIN PAN CONDENSATE FLOAT SWITCH, THE UNIT CONTROLLER SHALL USE ITS INTERNAL SHUTDOWN CONTROL ALGORITHMS TO CLOSE THE GAS HEAT EXCHANGER VALVE, DE-ENERGIZE THE COOLING COIL, DE-ENERGIZE THE SUPPLY AIR FAN(S), CLOSE THE OUTDOOR AIR DAMPER, AND OPEN THE RETURN AIR DAMPER. AN ALARM SHALL BE SENT TO THE OPERATOR'S WORKSTATION.

HIGH DUCT STATIC PRESSURE LIMIT SWITCH SHUTDOWN:

UPON ACTIVATION OF THE HIGH DUCT STATIC PRESSURE LIMIT SWITCH, THE UNIT CONTROLLER SHALL USE ITS INTERNAL SHUTDOWN CONTROL ALGORITHMS TO CLOSE THE GAS HEAT EXCHANGER VALVE, DE-ENERGIZE THE COOLING COIL, DE-ENERGIZE THE SUPPLY AIR FAN(S), CLOSE THE OUTDOOR AIR DAMPER, AND OPEN THE RETURN AIR DAMPER. AN ALARM SHALL BE SENT TO THE OPERATOR'S WORKSTATION.



CONTROL POINT SCHEDULE

RTU-01, RTU-02

#	DESCRIPTION	INPUT		OUTPUT	
		ANALOG	DIGITAL	ANALOG	DIGITAL
1	RETURN AIR DRY BULB TEMPERATURE	X			
2	RETURN AIR RELATIVE HUMIDITY (OR DEWPOINT)	X			
3	RETURN AIR DAMPER CONTROL (0-100%)			X	
4	RETURN AIR DAMPER POSITION	X			
5	OUTDOOR AIR DRY BULB TEMPERATURE	X			
6	OUTDOOR AIR RELATIVE HUMIDITY (OR DEWPOINT)	X			
1 7	NOT USED				
8	OUTDOOR AIR DAMPER CONTROL (0 TO 100%)			X	
9	OUTDOOR AIR DAMPER POSITION	X			
10	DIRTY AIR FILTER SWITCH		X		
11	DX COOLING COIL MODULATION			X	
12	GAS HEAT EXCHANGER MODULATION			X	
13	CONDENSATE OVERFLOW SWITCH		X		
14	SUPPLY AIR FAN VFD INTERFACE (ON/OFF, STATUS)		X		X
15	SUPPLY AIR FAN VFD INTERFACE (SPEED CONTROL)			X	
16	LEAVING UNIT SUPPLY AIR DRY BULB TEMPERATURE	X			
17	DUCT STATIC PRESSURE HIGH LIMIT SWITCH		X		
18	DUCT STATIC PRESSURE	X			

NOTES:

A. RETURN AIR DAMPER AND OUTDOOR AIR DAMPER MAY BE INTERLOCKED AND MAY SHARE A COMMON MOTOR ACTUATOR OR EACH MAY HAVE ITS OWN MOTOR ACTUATOR.

GENERAL EXHAUST FAN CONTROL

SYSTEM DESCRIPTION:

THE EXHAUST FAN CONSISTS OF A DIRECT-DRIVE FAN, GRAVITY-OPERATED BACKDRAFT DAMPER, AND ALL ASSOCIATED APPURTENANCES AND DEVICES DEPICTED ON THE CONTROL SYSTEM DIAGRAM.

UNIT CONTROLLER:

THE EXHAUST FAN SHALL BE SUPPLIED WITH A FACTORY-MOUNTED DDC CONTROLLER WITH HAND / OFF / AUTO (HOA) CONTROL.

SYSTEM STARTUP/SHUTDOWN

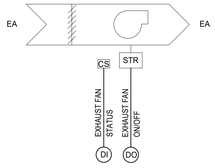
THE EXHAUST FAN SHALL BE STARTED/STOPPED BASED ON THE CONFIGURATION OF A 7-DAY DIGITAL TIME CLOCK.

OCCUPIED MODE:

WHEN THE SYSTEM IS PLACED IN OCCUPIED MODE, THE EXHAUST FAN SHALL OPERATE CONTINUOUSLY AT A CONSTANT SPEED, TO BE SET DURING TEST AND BALANCE, TO EXHAUST THE SCHEDULED AIRFLOW (CFM). IF THE FAN FAILS TO START, AS INDICATED BY THE CURRENT SWITCH, AN ALARM SHALL BE GENERATED AT THE OPERATOR'S WORKSTATION.

UNOCCUPIED MODE:

WHEN THE UNIT IS PLACED IN AN UNOCCUPIED MODE, THE EXHAUST FAN SHALL BE DE-ENERGIZED.



CONTROL POINT SCHEDULE

EF-01, EF-03, EF-04

#	DESCRIPTION	INPUT		OUTPUT	
		ANALOG	DIGITAL	ANALOG	DIGITAL
1	EXHAUST FAN ON/OFF				X
2	EXHAUST FAN STATUS		X		

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ISSUE | DATE
CONSTRUCTION DOCUMENTS | 01/09/2026
1 ADDENDUM 4 | 02/06/2026

DRAWN BY: Author
CHECKED BY: Checker

ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

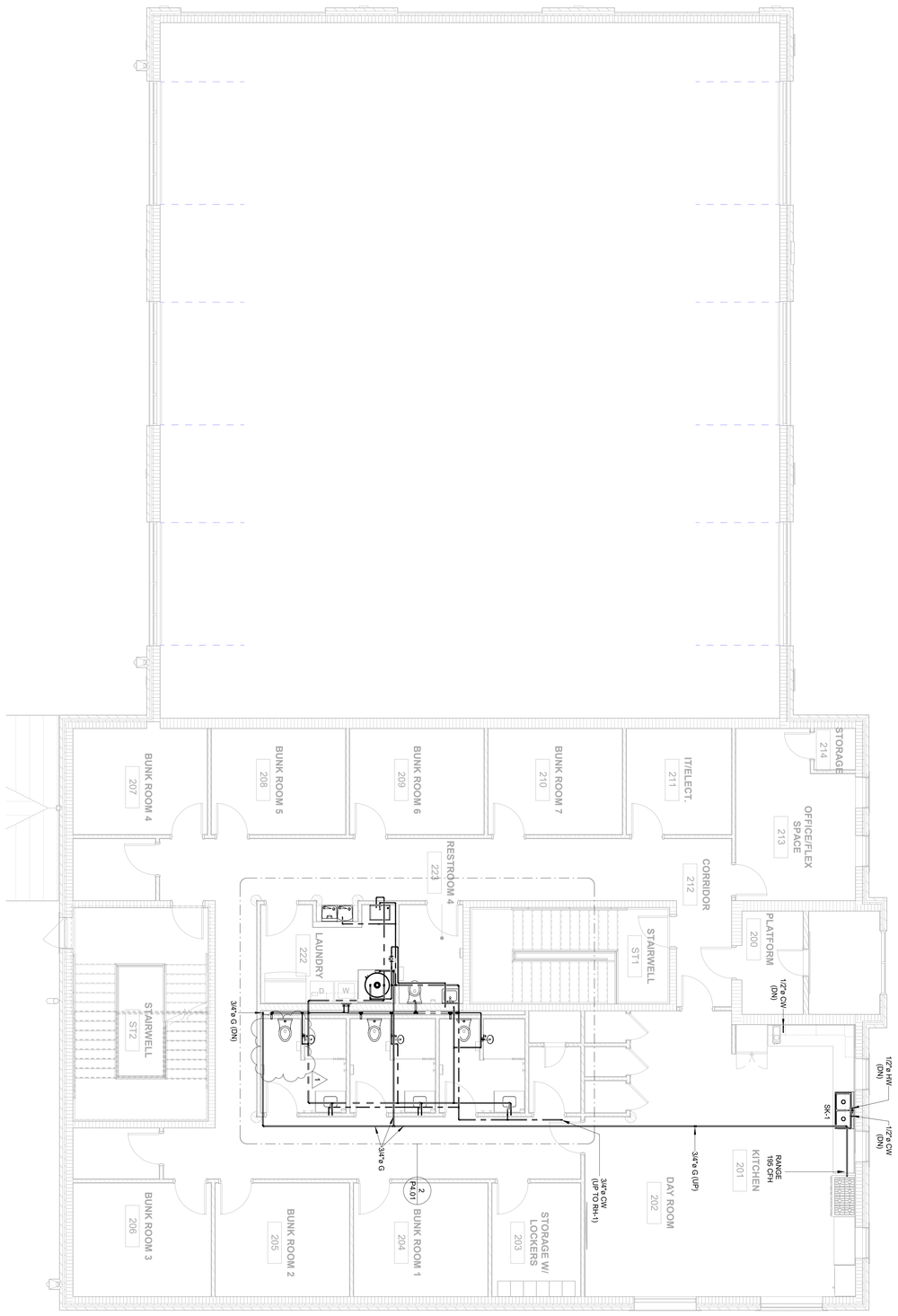
GMC # AHUN250003

ALABAMA LICENSED PROFESSIONAL No. 38810 ENGINEER ANDREAS R. MANN

MECHANICAL CONTROL DIAGRAM

M7.01

2/5/2026 4:45:32 PM TEMPLATE VERSION: 2025.1



1 LEVEL 2 - PRESSURE PLAN
3/16" = 1'-0"

3/16" = 1'-0"

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SECOND FLOOR PRESSURE PLAN

P1.04

ASHVILLE FIRE STATION #2

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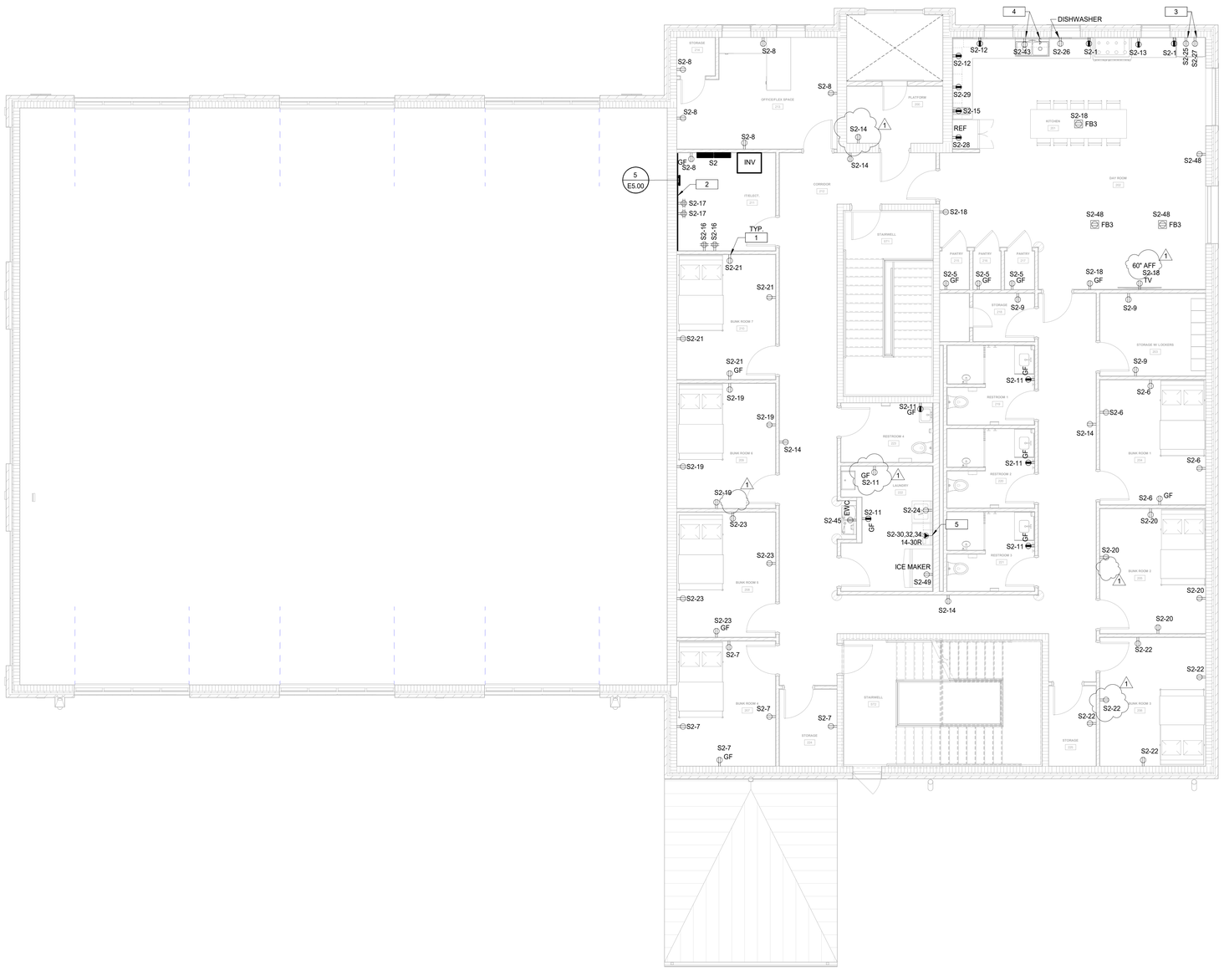
FLOOR BOX SCHEDULE

TAG	DESCRIPTION	BOX MAKE/MODEL BASIS OF DESIGN	COVER PLATE	DEVICES AND CONDUITS
FB1	6-GANG IN CONCRETE FLOOR BOX	LEGRAND RFBA6	RECTANGULAR, FLUSH, FINISH TO BE CONFIRMED WITH ARCH	DUPLEX RECEPTACLE; COMMUNICATIONS PLATES AND GANG ADAPTERS AS REQUIRED FOR OWNER PROVIDED DEVICES - COORDINATE REQUIREMENT WITH OWNER. 1" CONDUIT FROM DATA COMPARTMENT; 1-1/4" CONDUIT FROM A/V
FB2	4-GANG IN CONCRETE FLOOR BOX	LEGRAND RFBA4	RECTANGULAR, FLUSH, FINISH TO BE CONFIRMED WITH ARCH	DUPLEX RECEPTACLE; COMMUNICATIONS PLATES AND GANG ADAPTERS AS REQUIRED FOR OWNER PROVIDED DEVICES - COORDINATE REQUIREMENT WITH OWNER. 1" CONDUIT FROM DATA COMPARTMENT; 1-1/4" CONDUIT FROM A/V COMPARTMENT, U.O.N.
FB3	2-GANG IN CONCRETE FLOOR BOX	LEGRAND RFBA2	RECTANGULAR, FLUSH, FINISH TO BE CONFIRMED WITH ARCH	DUPLEX RECEPTACLE; SPARE 1" CONDUIT FROM DATA COMPARTMENT, U.O.N.



1 SECOND FLOOR POWER PLAN
3/16" = 1'-0"

POWER GENERAL NOTES:

A. COORDINATE LOCATION AND HEIGHT OF TV'S OR DIGITAL DISPLAYS, CLOCKS, POWERED SPEAKERS, AND OTHER WALL-MOUNTED APPURTENANCES WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.

B. BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTORS. UP TO THREE BRANCH CIRCUITS RATED NOT MORE THAN 30A, AND OF DIFFERENT PHASES, MAY BE INSTALLED IN A SINGLE CONDUIT, BUT CONDUCTOR AMPACITIES MUST BE DERATED IN ACCORDANCE WITH NEC 315.15 (B) (3).

C. CONTRACTOR SHALL PROVIDE ALL NECESSARY PROVISIONS, SUCH AS CONDUIT AND CONDUCTORS, TO MAKE FINAL CONNECTIONS TO HVAC AND PLUMBING EQUIPMENT FOR ENTIRE PROJECT. COORDINATE ALL STUB-UPS AND PENETRATIONS WITH OTHER TRADES PRIOR TO ROUGH-IN.

D. ENTIRE BRANCH CIRCUIT SHALL UTILIZE SAME CONDUCTOR SIZE AND QUANTITY BETWEEN OUTLETS AS HOMERUN UNLESS OTHERWISE NOTED.

E. INSTALL DISCONNECTS, MOTOR STARTERS, VFD'S, AND SIMILAR EQUIPMENT IN COORDINATION WITH OTHER TRADES TO ENSURE NEC REQUIRED DEDICATED SPACE AND WORKING CLEARANCES ARE MAINTAINED.

F. INSTALL DRY-TYPE TRANSFORMERS WITH ADEQUATE VENTILATION SPACE AT SIDES AND REAR. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.

POWER KEYED NOTES:

1. RECEPTACLES NEAR BUNKS SHALL BE LOCATED AT 28" AFF TO CENTER OF DEVICE. COORDINATE RECEPTACLE LOCATIONS WITH FURNITURE LAYOUT.
2. PROVIDE PLYWOOD BACKBOARD FOR TELECOM EQUIPMENT. 8'-0" HIGH X 3/4" THICK. MOUNT WITH BOTTOM AT 6" ABOVE FINISHED FLOOR. BACKBOARDS SHALL BE AC GRADE (FACE "A" SIDE INTO ROOM) FIRE RETARDANT PLYWOOD (HOOVER PYRO-GUARD OR APPROVED EQUAL). COUNTERSINK ALL SCREWS, FILL AND SMOOTH ALL SEAMS COUNTERSUNK SCREW HOLES AND VOIDS. PRIME WITH TWO COATS PRIMER, SANDING SMOOTH AFTER EACH COAT. FINISH WITH TWO COATS SEMI-GLOSS ENAMEL PAINT COLOR "GRAY". ON ALL EXPOSED SURFACES. FINAL SURFACES SHALL BE UNIFORMLY SMOOTH AND EVEN. ROUGH ALL ELECTRICAL OUTLETS INTO SPACE BEHIND BACKBOARD FOR FLUSH MOUNT INSTALLATION OF FACEPLATES.
3. STACKED MICROWAVES. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.
4. UNDER CABINET RECEPTACLE FOR GARBAGE DISPOSAL. LOCATE SWITCH FOR GARBAGE DISPOSAL ABOVE COUNTER. COORDINATE EXACT LOCATION WITH ARCHITECT.
5. INSTALL DRYER RECEPTACLE AT 34" AFF. COORDINATE FINAL LOCATIONS AND RECEPTACLE REQUIREMENTS WITH ARCHITECT PRIOR TO ROUGH IN.

NORTH

0 4' 8' 12' 16'
3/16" = 1'-0"

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1 ADDENDUM 4	2/6/2026

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ASHVILLE FIRE STATION #2
222 7TH Avenue North
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POWER PLAN - SECOND FLOOR

E1.02

2/5/2026 10:42:08 AM TEMPLATE VERSION: 2025.1

LIGHTING FIXTURE SCHEDULE

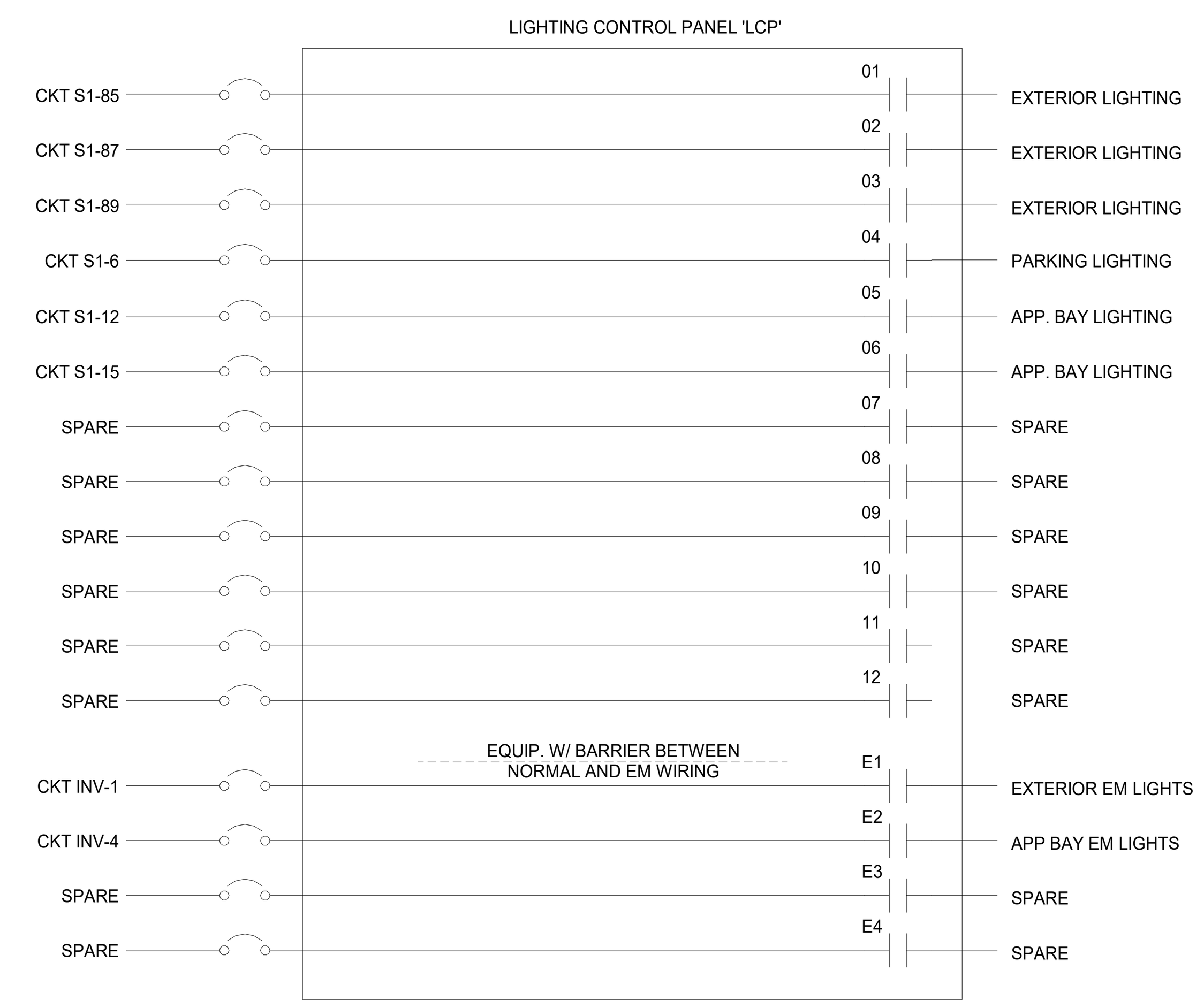
TYPE	DESCRIPTION	MANUFACTURER	MODEL (EQUALS CAN BE SUBMITTED FOR APPROVAL)	WATTAGE	VOLTAGE	Comments
A1	2' X 4' RECESSED CENTER ELEMENT LED, 5000 LUMENS, 80 CRI, 3500K, CURVED OPAL LENS	LITHONIA	STAKS 2X4 5000LM 3500K	40 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
A1E	2' X 4' RECESSED CENTER ELEMENT LED, 5000 LUMENS, 80 CRI, 3500K, CURVED OPAL LENS, CONNECTED TO EMERGENCY POWER	LITHONIA	STAKS 2X4 5000LM 3500K	40 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
A2E	2' X 4' RECESSED CENTER ELEMENT LED, 5000 LUMENS, 80 CRI, 3500K, CURVED OPAL LENS, WITH INTEGRAL OCC SENSORS, CONNECTED TO EMERGENCY POWER	LITHONIA	STAKS 2X4 5000LM 3500K	40 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE, INTEGRAL OCC SESOR
A3	2' X 2' RECESSED CENTER ELEMENT LED, 5000 LUMENS, 80 CRI, 3500K, CURVED OPAL LENS	LITHONIA	STAKS 2X2 5000LM 3500K	35 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
A3E	2' X 2' RECESSED CENTER ELEMENT LED, 5000 LUMENS, 80 CRI, 3500K, CURVED OPAL LENS, CONNECTED TO EMERGENCY POWER	LITHONIA	STAKS 2X2 5000LM 3500K	35 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
D4	4" LED RECESSED DOWNLIGHT, 2000 LUMENS, 80 CRI, 3500K, BEVEL TRIM, WIDE BATWING DISTRIBUTION	GOTHAM	IVO4D 20LM 35K 80CRI WD BEV ARS	20 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
D4E	4" LED RECESSED DOWNLIGHT, 2000 LUMENS, 80 CRI, 3500K, BEVEL TRIM, WIDE BATWING DISTRIBUTION, CONNECTED TO EMERGENCY POWER	GOTHAM	IVO4D 20LM 35K 80CRI WD BEV ARS	20 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
D4W	4" LED RECESSED DOWNLIGHT, 2000 LUMENS, 80 CRI, 3500K, BEVEL TRIM, WIDE BATWING DISTRIBUTION, WET LOCATION LISTED	GOTHAM	IVO4D 20LM 35K 80CRI WD BEV ARS	20 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
D4WE	4" LED RECESSED DOWNLIGHT, 2000 LUMENS, 80 CRI, 3500K, BEVEL TRIM, WIDE BATWING DISTRIBUTION, WET LOCATION LISTED, CONNECTED TO EMERGENCY POWER	GOTHAM	IVO4D 20LM 35K 80CRI WD BEV ARS	20 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
D4WEXT	4" LED RECESSED DOWNLIGHT, 2000 LUMENS, 80 CRI, 4000K, BEVEL TRIM, WIDE BATWING DISTRIBUTION, WET LOCATION LISTED, CONNECTED TO EMERGENCY POWER	GOTHAM	IVO4D 20LM 40K 80CRI WD BEV ARS	20 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
D4WXT	4" LED RECESSED DOWNLIGHT, 2000 LUMENS, 80 CRI, 4000K, BEVEL TRIM, WIDE BATWING DISTRIBUTION, WET LOCATION LISTED	GOTHAM	IVO4D 20LM 40K 80CRI WD BEV ARS	20 W	120V	RECESSED. COORDAINTE WITH CEILING TYPE.
F1	4' LED STRIP, WHITE DIFFUSE LENSE, 4000 LUMENS,3500K, 80CRI	LITHONIA	CSS L48 4000LM 35K	40 W	120V	
F1E	4' LED STRIP, WHITE DIFFUSE LENSE, 4000 LUMENS,3500K, 80CRI, CONNECTED TO EMERGENCY POWER	LITHONIA	CSS L48 4000LM 35K	40 W	120V	
F2E	4' LED STRIP, WHITE DIFFUSE LENSE, 6000 LUMENS,3500K, 80CRI, WITH INTEGRAL OCC SENSORS, CONNECTED TO EMERGENCY POWER	LITHONIA	CSS L48 6000LM 35K	40 W	120V	WITH INTEGRAL OCC SENSOR
FP	IN-GRADE LIGHT, 46W, 4000K, MEDIUM FLOOD, GLARE SHIELD, COORDINATE FINISH WITH ARCHITECT	HYDREL	M9710C P3 40K MFL FLCSR GS	46 W	120V	
H2	LED LINEAR HIGH BAY, 18,000 LUMENS, 4000K, 80 CRI, GLARE CONTROL, HIGH EFFICIENCY, WIDE DISTRIBUTION	LITHONIA	CPHB 18000LM HEF GCL WD 40K 80CRI	130 W	120V	MOUNT SO THAT BOTTOM OF FIXTURE IS EVEN WITH BOTTOM OF ROOF JOIST.
H2E	LED LINEAR HIGH BAY, 18,000 LUMENS, 4000K, 80 CRI, GLARE CONTROL, HIGH EFFICIENCY, WIDE DISTRIBUTION, CONNECTED TO EMERGENCY POWER	LITHONIA	CPHB 18000LM HEF GCL WD 40K 80CRI	130 W	120V	MOUNT SO THAT BOTTOM OF FIXTURE IS EVEN WITH BOTTOM OF ROOF JOIST.
PLA	POLE MOUNTED AREA LUMINAIRE, P7 PERFORMANCE PACKAGE, 4000K, 70CRI, TYPE 2 MEDIUM, MOUNTED AT 25'; POLE SHALL BE SQUARED NON-TAPERED STEEL POLE, FINISH BY ARCHITECT.	LITHONIA	DSX0 LED P7 40K 70CRI	170 W	120V	
V1	LED VANITY LIGHT, 18IN, SATIN BLACK, 3000K	SONNEMAN	FINO LED BATH BAR	11 W	120V	MOUNTED 7'-0" AFF CENTERED ABOVE SINK
W1	WALL PACK, 3000 LUMENS, 4000K, TYPE 3 MEDIUM, 80 CRI, COORDINATE FINISH WITH ARCHITECT	LITHONIA	WDGE2 P3 40K T3M MVOLT	20 W	120V	REFER TO PLANS FOR MOUNTING HEIGHT
W1E	WALL PACK, 3000 LUMENS, 4000K, TYPE 3 MEDIUM, 80 CRI, COORDINATE FINISH WITH ARCHITECT, CONNECTED TO EMERGENCY POWER	LITHONIA	WDGE2 P3 40K T3M MVOLT	20 W	120V	REFER TO PLANS FOR MOUNTING HEIGHT
W2	36" EXTERIOR SCONCE, 4000K, 3500 LUMENS, COORDINATE FINISH WITH ARCHITECT	SCOTT ARCHITECTURAL LIGHTING	S9272-L48	20 W	120V	REFER TO PLANS FOR MOUNTING HEIGHT
X1	UNIVERSAL MOUNT LED EXIT SIGN, SINGLE-SIDED ILLUMINATED FACE, GREEN, ARROWS AS INDICATED, CONNECTED TO EMERGENCY POWER	LITHONIA	EDG G	5 W	120V	

LIGHTING CONTROL SCHEDULE

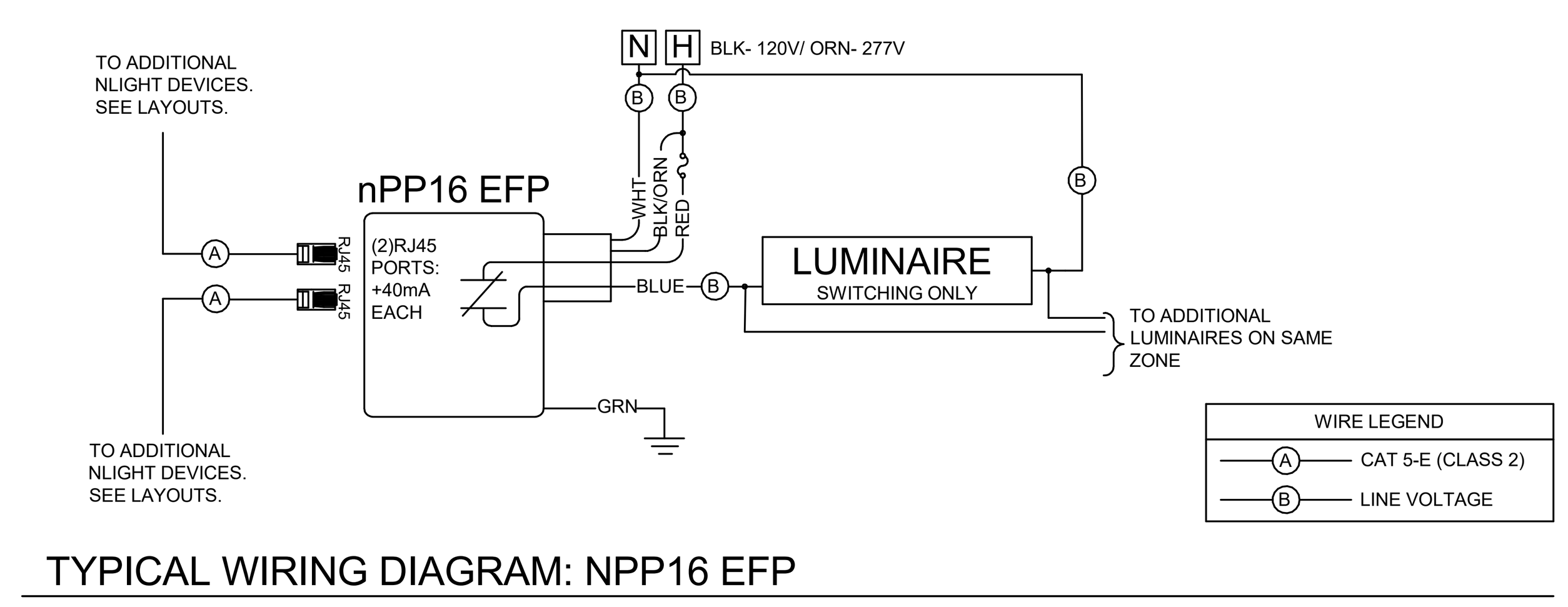
LIGHTING CONTROL KEY	SPACE TYPE	WALL SWITCH	SENSOR	DAYLIGHT CTRL.	SCHEDULE	OPERATION
C1	CONFERENCE ROOM	DT1	CEILING	-	-	MANUAL ON; AUTO OFF AFTER 20 MIN VACANCY; SCENE PER TABLE
C1D	CONFERENCE ROOM W/ DAYLIGHTING	DT1	CEILING	YES	-	MANUAL ON; AUTO OFF AFTER 20 MIN VACANCY; SCENE PER TABLE. AUTOMATIC DIM FROM 100% DOWN TO 15% BASED ON MEASURED DAYLIGHT INTENSITY (ADJUSTABLE)
C2	CORRIDOR	D2K	CEILING	-	-	MANUAL ON/OFF (OVERRIDE) PER ZONE; OCCUPANCY ON TO 100%, AUTO DIM TO 50% AFTER 20 MIN VACANCY
C3	CLASSROOM	D4A	CEILING	-	-	MANUAL ON; AUTO ON TO 50%, AUTO OFF AFTER 20 MIN VACANCY; SCENE 1: 40%; SCENE 2: 75%
C3D	CLASSROOM W/ DAYLIGHTING	D4A	CEILING	-	-	MANUAL ON; AUTO ON TO 50%, AUTO OFF AFTER 20 MIN VACANCY; SCENE 1: 40%; SCENE 2: 75%. AUTOMATIC DIM FROM 100% DOWN TO 15% BASED ON MEASURED DAYLIGHT INTENSITY (ADJUSTABLE)
E1	ELECTRICAL/MECHANICAL ROOM	S1		-	-	MANUAL ON/OFF
EX1	EXTERIOR BUILDING WALL PACKS	-	PHOTOCELL	-	YES	AUTO ON PHOTOCELL OR SCHEDULE 6:00PM, WHICHEVER IS FIRST; OFF AT 00:00
EX2	EXTERIOR PARKING	-	PHOTOCELL	-	YES	AUTO ON OR SCHEDULE 6:00PM, WHICHEVER IS FIRST; DIM TO 50% AT 00:00
F1	FITNESS/EXERCISE AREA	D4B		-	-	MANUAL ON, DIM UP/DN; OCCUPANCY ON TO 50%; AUTO OFF AFTER 20 MIN VACANCY
K1D	KITCHEN/W DAYLIGHTING	D4A	CEILING	YES	-	MANUAL ON; OCCUPANCY ON TO 50%; AUTO OFF AFTER 20 MIN VACANCY; SCENE 1: 50%; SCENE 2: 75%; AUTOMATIC DIM FROM 100% DOWN TO 15% BASED ON MEASURED DAYLIGHT INTENSITY (ADJUSTABLE)
L1	LAUNDRY	D4A	CEILING	-	-	MANUAL ON; OCCUPANCY ON TO 50%; AUTO OFF AFTER 20 MIN VACANCY; SCENE 1: 50%; SCENE 2: 75%
L3	LOBBY	D2K	CEILING	-	-	MANUAL ON/AUTO OFF (OVERRIDE) PER ZONE; OCCUPANCY ON TO 100%, AUTO DIM TO 50% AFTER 20 MIN VACANCY;
L3D	LOBBY W/ DAYLIGHTING	D2K	CEILING	YES	-	MANUAL ON/OFF (OVERRIDE) PER ZONE; AUTOMATIC DIM FROM 100% DOWN TO 15% BASED ON MEASURED DAYLIGHT INTENSITY (ADJUSTABLE)
L4	LOCKER ROOM	D4B	CEILING	-	-	MANUAL ON, DIM UP/DN; OCCUPANCY ON TO 50%; AUTO OFF AFTER 20 MIN VACANCY
L5	LOUNGE/BREAKROOM	D2	CEILING	-	-	MANUAL ON; OCCUPANCY ON TO 50%; AUTO OFF AFTER 20 MIN VACANCY
O1	OFFICE < 250 SQ FT	OS2	-	-	-	MANUAL ON; OCCUPANCY ON TO 50%; AUTO OFF AFTER 20 MIN VACANCY
O2	OFFICE > 250 SQ FT	D4B	CEILING	-	-	MANUAL ON; OCCUPANCY ON TO 50%; AUTO OFF AFTER 20 MIN VACANCY
R1	RESTROOM - SMALL	OS	-	-	-	MANUAL ON; OCCUPANCY ON; AUTO OFF AFTER 20 MIN VACANCY
R2	RESTROOM - GROUP/LARGE	D2K	CEILING	-	-	MANUAL ON; OCCUPANCY ON; AUTO OFF AFTER 20 MIN VACANCY
S1	STAIRWAY	SK	INTEGRAL	-	-	MANUAL ON; OCCUPANCY ON; DIM TO 50% AUTO AFTER 20 MIN VACANCY; FIXTURES TO HAVE INTEGRAL OCC SENSORS
S2	STORAGE < 50 SQ FT	OS	-	-	-	MANUAL ON; OCCUPANCY ON; AUTO OFF AFTER 20 MIN VACANCY
S3	STORAGE < 1000 SQ FT	D2	CEILING	-	-	MANUAL ON; OCCUPANCY ON; AUTO OFF AFTER 20 MIN VACANCY
S4	SLEEPING QUARTERS	D6	-			PROGRAMMED SCENE DIMMING TO 30% (ADJUSTABLE) WITH TIME DELAY TO 50% OVER 2 MIN (ADJUSTABLE) UPON DISPATCH CALL (CONTACT CLOSURE INPUT). COORDINATE EXACT TIME DELAY WITH OWNER
W2	APPARTUS BAY	D4B	-	-	YES	SCHEDULE ON/OFF; PROVIDE MANUAL ON/OFF OVERRIDE. IF OWNER DESIRED, PROVIDE CONNECTION BETWEEN EMERGENCY DISPATCH CALL SYSTEM AND LIGHTING CONTROL PANEL TO ACTIVIATE LIGHTS UPON EMERGENCY CALL.

LIGHTING SWITCH SCHEDULE

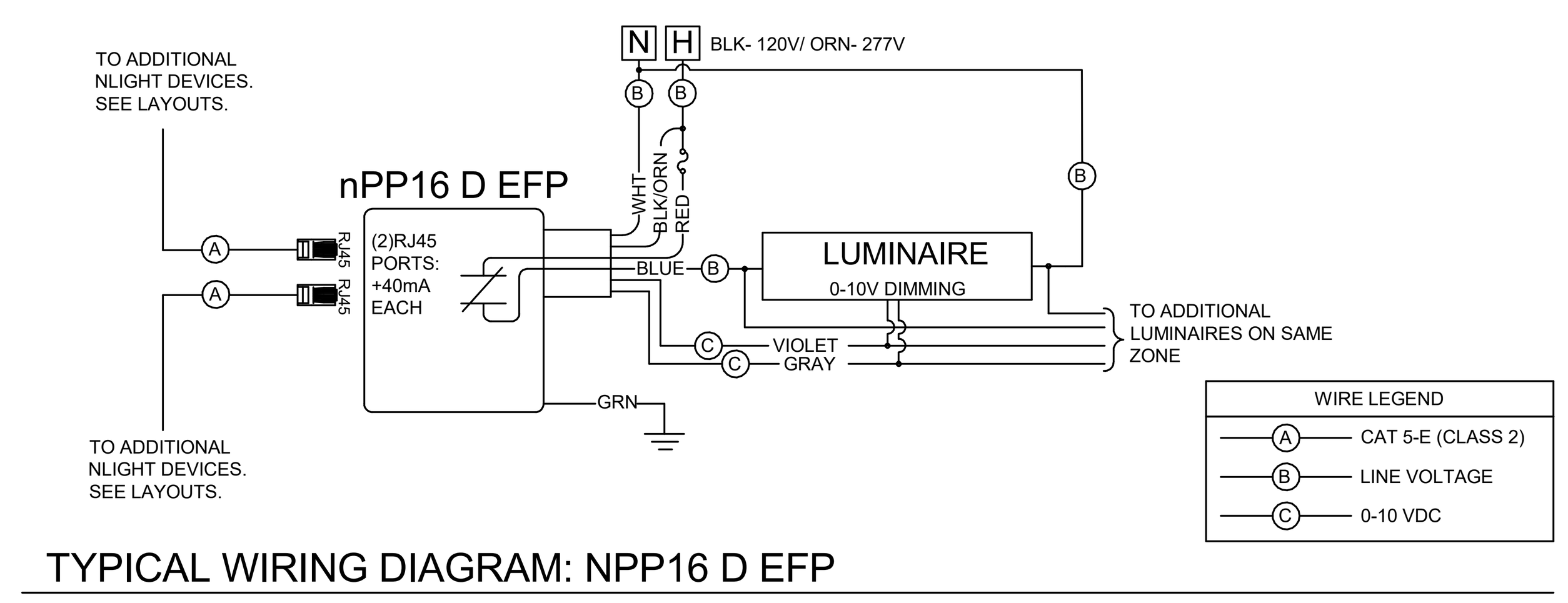
SWITCH	DESCRIPTION
D2	DIGITAL 2 BUTTON SWITCH: ON, OFF
D2K	KEYED DIGITAL 2 BUTTON SWITCH: ON, OFF
D4A	DIGITAL 4 BUTTON SWITCH: ON, OFF, SCENE 1, SCENE 2
D4B	DIGITAL 4 BUTTON SWITCH: ON, OFF, UP, DOWN
D4K	KEYED DIGITAL 4 BUTTON SWITCH: ON, OFF, UP, DOWN
D6	DIGITAL 6 BUTTON SWITCH: ON, OFF, UP, DN, SCENE 1, SCENE 2
DT1	DIGITAL TOUCH SCREEN CONTROLLER
OS	WALL-MOUNTED LOW VOLTAGE SWITCH WITH INTEGRAL OCCUPANCY SENSOR
OS2	WALL-MOUNTED LOW VOLTAGE SWITCH WITH INTEGRAL OCCUPANCY SENSOR AND DIMMING
S1	LINE VOLTAGE SWITCH
SK	LINE VOLTAGE KEYED SWITCH
T1	TIMER SWITCH



3 LIGHTING CONTROL PANEL
N.T.S.



TYPICAL WIRING DIAGRAM: NPP16 EFP
N.T.S.



TYPICAL WIRING DIAGRAM: NPP16 D EFP
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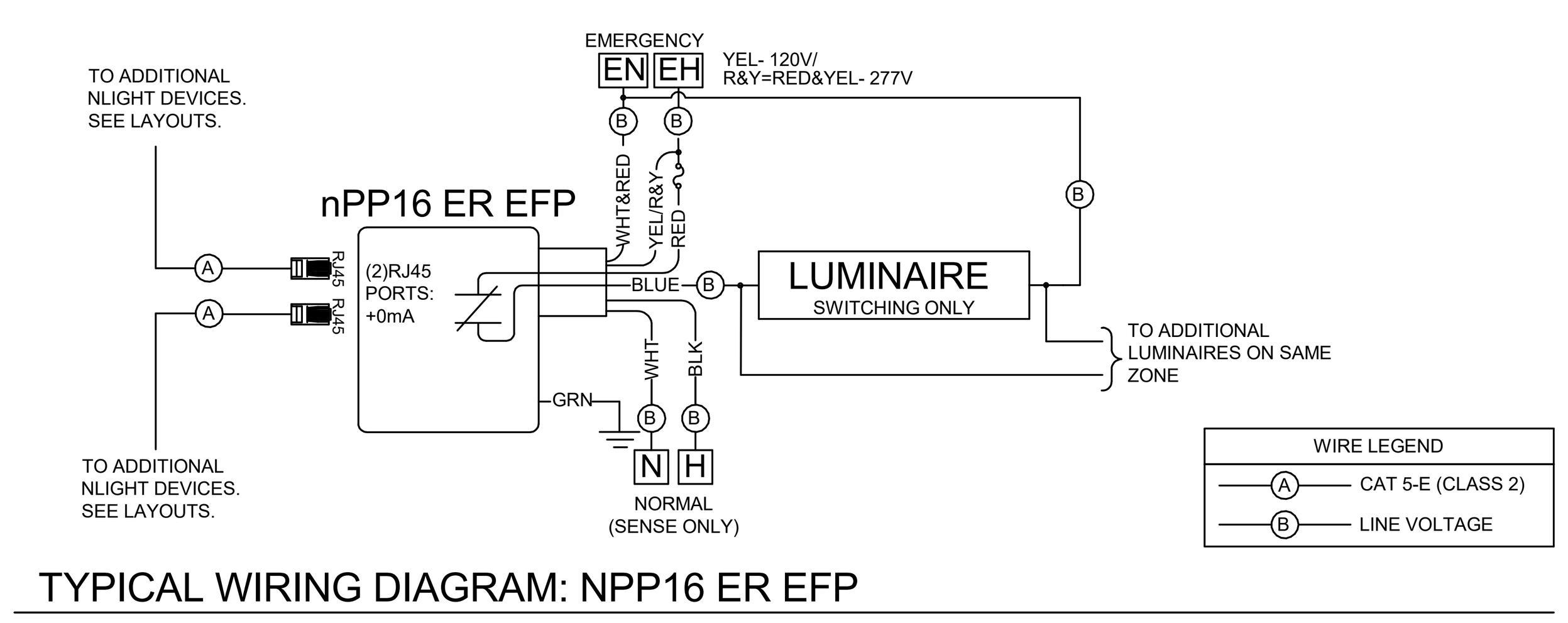
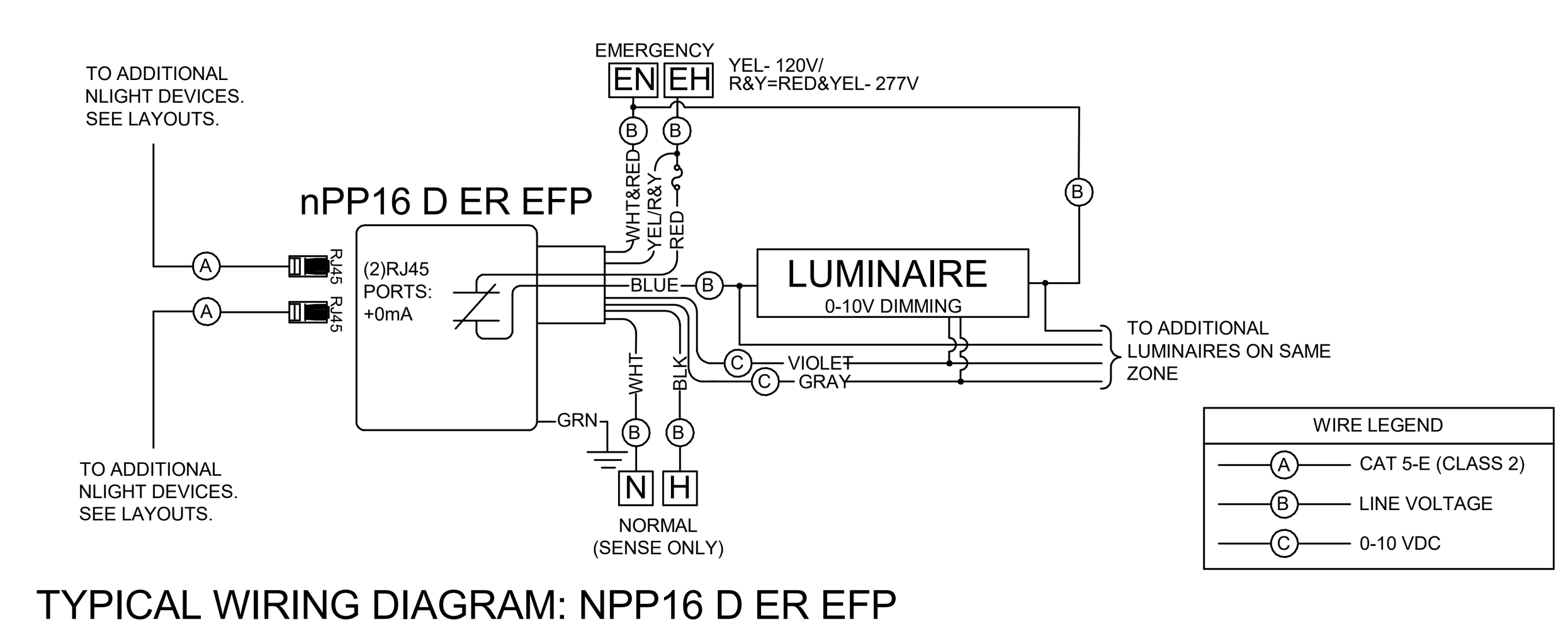
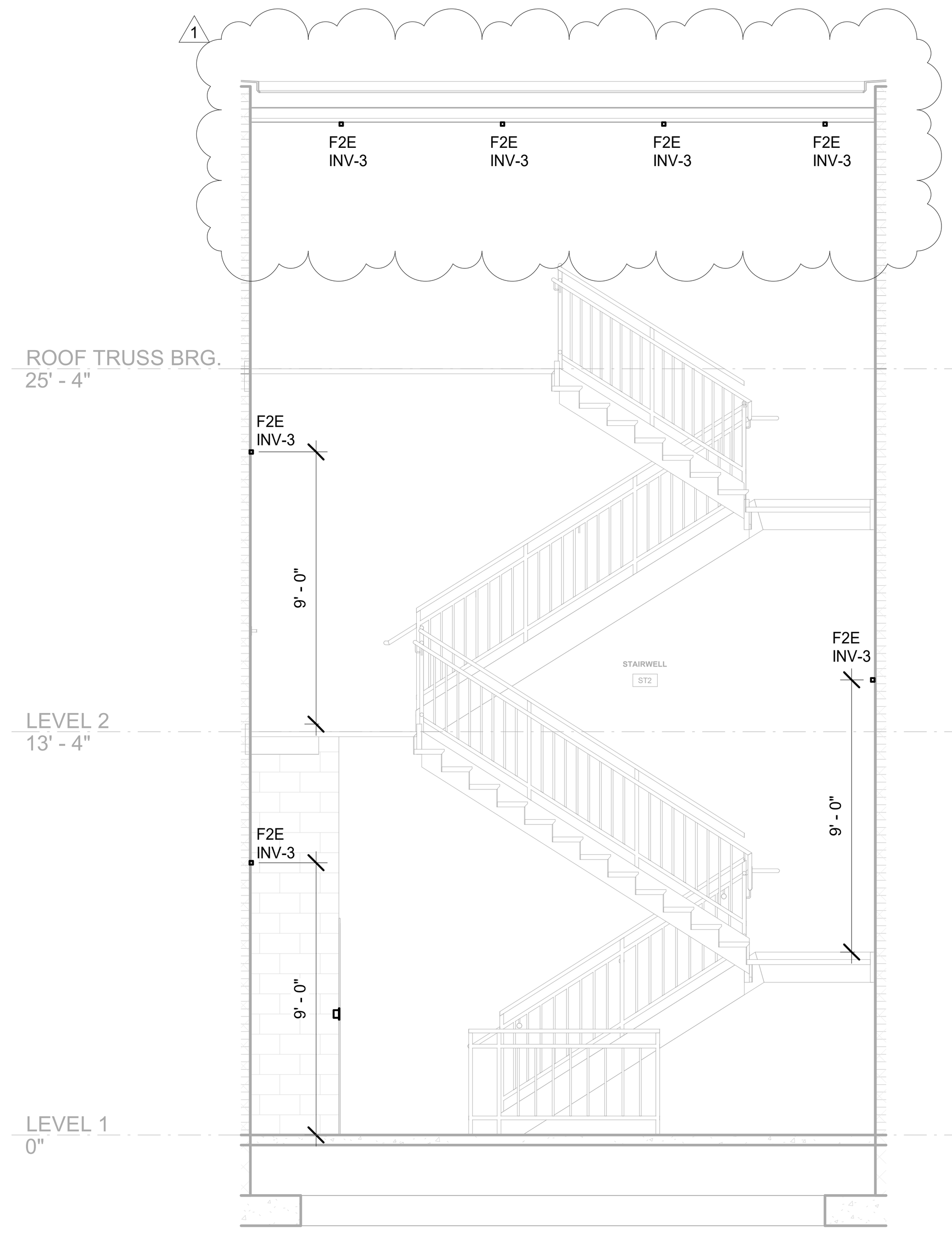


TYPICAL WIRING DIAGRAM: NPP16 ER EFP
N.T.S.

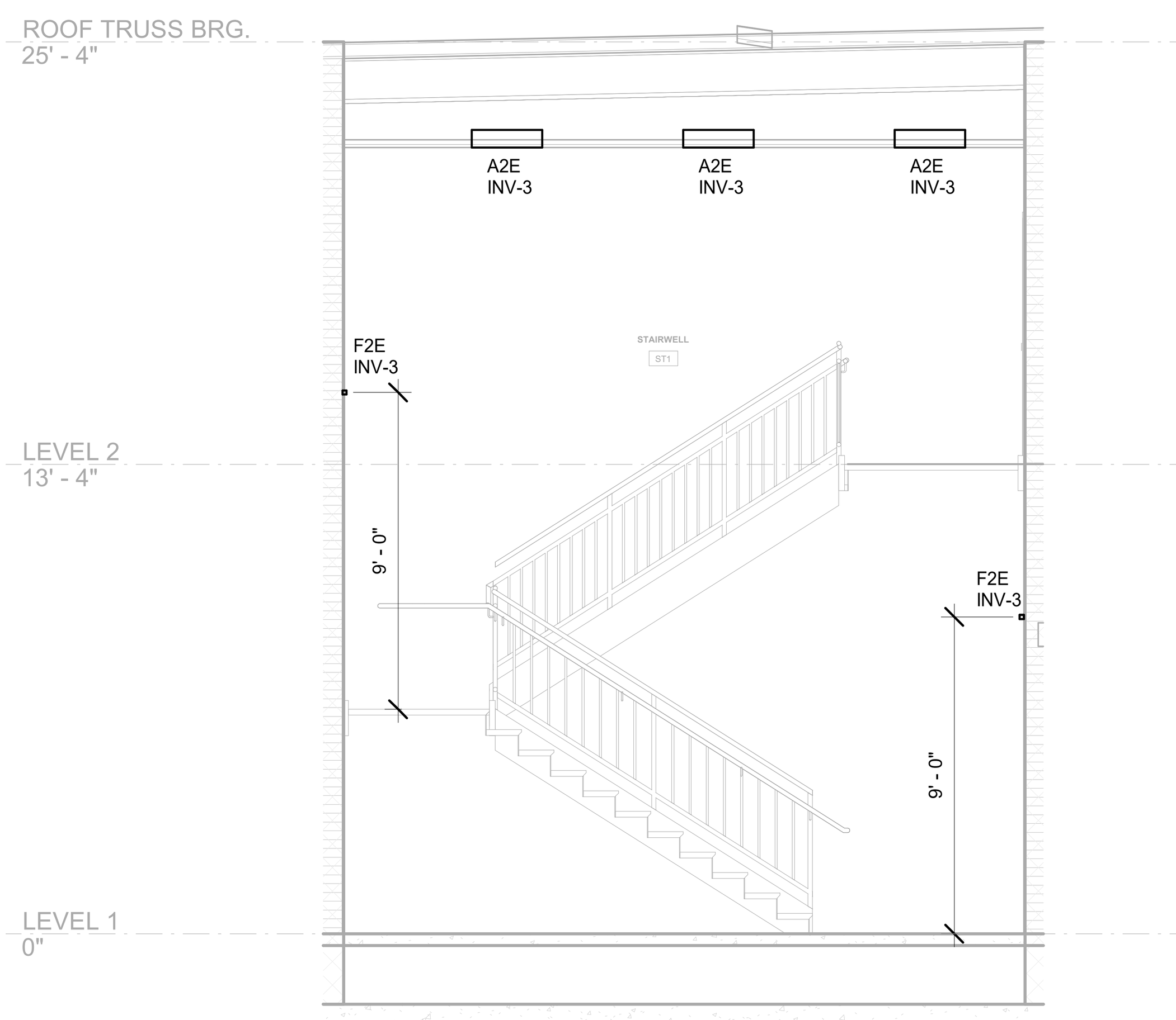


TYPICAL WIRING DIAGRAM: NPP16 D ER EFP
N.T.S.

4 LIGHTING CONTROL DETAILS
N.T.S.



1 SOUTH STAIRWELL LIGHTING
1/4" = 1'-0"



2 NORTH STAIRWELL LIGHTING
1/4" = 1'-0"

ROCKET MEP LLC
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1 ADDENDUM 4	2/6/2026

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ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

LIGHTING - GENERAL

E2.00

2/6/2026 10:48:30 AM TEMPLATE VERSION: 2025.1

1 FIRST FLOOR LIGHTING PLAN
3/16" = 1'-0"

LIGHTING GENERAL NOTES:

A. BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTORS. UP TO THREE BRANCH CIRCUITS RATED NOT MORE THAN 30A, AND OF DIFFERENT PHASES, MAY BE INSTALLED IN A SINGLE CONDUIT, BUT CONDUCTOR AMPACITIES MUST BE DERATED IN ACCORDANCE WITH NEC 315.15 (B) (3).

B. CONNECT ALL EXIT SIGNS AHEAD OF ALL SWITCHING IN SPACES SERVED.

C. ALL EXTERIOR LIGHTING SHALL HAVE THE SAME COLOR TEMPERATURE.

D. OCCUPANCY SENSORS SHALL BE DUAL TECHNOLOGY AND BE COMPATIBLE WITH ROOM LOW-VOLTAGE DIMMING OR ON/OFF SWITCHING AS INDICATED.

E. PROVIDE POWER PACKS AND ADDITIONAL COMPONENTS AS NEEDED, WHETHER OR NOT SHOWN ON PLANS, TO PROVIDE A FULLY FUNCTIONING CONTROL SYSTEM COMPLIANT WITH INTERNATIONAL ENERGY CONSERVATION CODE (IECC). COORDINATE ABOVE CEILING ACCESS TO INSTALLED COMPONENTS WITH ARCHITECT PRIOR TO ROUGH-IN. IF FIXTURES ARE INSTALLED IN HARD CEILINGS, LOCATE DEVICES, E.G. POWER PACKS, ETC., ABOVE ADJACENT SPACES WITH CEILING GRID OR OPEN TO STRUCTURE EQUIPMENT SPACES FOR ACCESS.

F. FINISH COLORS OF LIGHTING FIXTURES SHALL BE CONFIRMED WITH OWNER AND ARCHITECT PRIOR TO SUBMITTAL OF PRODUCT DATA FOR REVIEW BY ENGINEER.

G. OCCUPANCY AND DAYLIGHT SENSOR LAYOUT SHOWN IS APPROXIMATE. ADJUST LOCATIONS AND QUANTITIES IN FIELD AS NECESSARY TO PROVIDE FULL ROOM COVERAGE IN ACCORDANCE WITH MANUFACTURER'S DOCUMENTATION.

H. PROVIDE LOW-VOLTAGE SWITCHES CAPABLE OF MULTI-UNIT COMMUNICATION WITH POWER PACKS, OCCUPANCY SENSORS AND/OR LIGHT FIXTURES AS REQUIRED IN SPACES THAT REQUIRE MULTIPLE SWITCH LOCATIONS (SUCH AS 3-WAY AND 4-WAY APPLICATIONS).

I. CONTRACTOR SHALL CLOSELY COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS AND CEILING TYPE SPECIFICATIONS WITH RESPECTIVE LIGHTING FIXTURE FOR EACH ROOM PRIOR TO ORDERING TO ASSURE PROPER INSTALLATION. CONFLICTS PERTAINING TO THE INSTALLATION REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OF RECORD.

J. FOR ANY LIGHTING FIXTURE THAT REQUIRES REMOTE POWER SUPPLIES AND/OR CONTROLLERS, COORDINATE LOCATION OF THOSE SO THEY ARE NOT VISIBLE IN FINISHED SPACES.

K. UNLESS OTHERWISE NOTED, LIGHT FIXTURES DESIGNATED AS EMERGENCY THAT DO NOT CONTAIN INTEGRAL EMERGENCY BATTERIES SHALL BE CONTROLLED TO OPERATE (ON, OFF, DIM) WITH OTHER FIXTURE IN THE SAME GROUP, ROOM, OR AREA. SUCH FIXTURES SHALL EMPLOY AN EMERGENCY POWER PACK OR EMERGENCY SHUNT DEVICE WHICH CONNECTS THE FIXTURE TO ITS ALTERNATE POWER SUPPLY IN THE EVENT OF UTILITY POWER LOSS. EXTEND UNSWITCHED "NORMAL" UTILITY CIRCUIT TO THE POWER PACK OR SHUNT DEVICE FOR DETECTION OF UTILITY POWER LOSS.

LIGHTING KEYED NOTES:

1. LIGHTING CONTROL PANEL SHALL BE EQUIPPED WITH 24 RELAYS. RELAYS SHALL BE 120V RATED 20A. CONTROL PANEL SHALL BE EQUIPPED WITH ASTRONOMICAL TIME CLOCK, PHOTOCELL, 7 DAY +HOLIDAY SCHEDULING, 0-10V DIMMING AND SHALL BE EQUIPPED WITH NETWORK PORT AND INPUT FOR FIRE ALARM OVERRIDE.

2. FIXTURES INDICATED AS NIGHTLIGHTS SHALL BE CONTROLLED ALONG WITH OTHER FIXTURES IN THEIR GROUP DURING NORMAL BUSINESS HOURS. AFTER HOURS, FIXTURES DESIGNATED AS NIGHTLIGHTS SHALL ILLUMINATE TO 50%.

NORTH
0 4' 8' 12' 16'
3/16" = 1'-0"

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ASHVILLE FIRE STATION #2
222 7TH Avenue North
Ashville, AL 35953

GMC # AHUN250003

ALABAMA
ENGINEER
JOHN T. DANILSON JR.

LIGHTING PLAN - FIRST FLOOR

E2.01

2/5/2026 10:42:15 AM TEMPLATE VERSION: 2025.1

ROCKET MEP LLC
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INFO@ROCKETMEP.COM
AL CERT OF AUTH: ECA50597

1 SECOND FLOOR LIGHTING PLAN
3/16" = 1'-0"

LIGHTING GENERAL NOTES:

A. BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTORS. UP TO THREE BRANCH CIRCUITS RATED NOT MORE THAN 30A, AND OF DIFFERENT PHASES, MAY BE INSTALLED IN A SINGLE CONDUIT, BUT CONDUCTOR AMPACITIES MUST BE DERATED IN ACCORDANCE WITH NEC 315.15 (B) (3).

B. CONNECT ALL EXIT SIGNS AHEAD OF ALL SWITCHING IN SPACES SERVED.

C. ALL EXTERIOR LIGHTING SHALL HAVE THE SAME COLOR TEMPERATURE.

D. OCCUPANCY SENSORS SHALL BE DUAL TECHNOLOGY AND BE COMPATIBLE WITH ROOM LOW-VOLTAGE DIMMING OR ON/OFF SWITCHING AS INDICATED.

E. PROVIDE POWER PACKS AND ADDITIONAL COMPONENTS AS NEEDED, WHETHER OR NOT SHOWN ON PLANS, TO PROVIDE A FULLY FUNCTIONING CONTROL SYSTEM COMPLIANT WITH INTERNATIONAL ENERGY CONSERVATION CODE (IECC). COORDINATE ABOVE CEILING ACCESS TO INSTALLED COMPONENTS WITH ARCHITECT PRIOR TO ROUGH-IN. IF FIXTURES ARE INSTALLED IN HARD CEILINGS, LOCATE DEVICES, E.G. POWER PACKS, ETC., ABOVE ADJACENT SPACES WITH CEILING GRID OR OPEN TO STRUCTURE EQUIPMENT SPACES FOR ACCESS.

F. FINISH COLORS OF LIGHTING FIXTURES SHALL BE CONFIRMED WITH OWNER AND ARCHITECT PRIOR TO SUBMITTAL OF PRODUCT DATA FOR REVIEW BY ENGINEER.

G. OCCUPANCY AND DAYLIGHT SENSOR LAYOUT SHOWN IS APPROXIMATE. ADJUST LOCATIONS AND QUANTITIES IN FIELD AS NECESSARY TO PROVIDE FULL ROOM COVERAGE IN ACCORDANCE WITH MANUFACTURER'S DOCUMENTATION.

H. PROVIDE LOW-VOLTAGE SWITCHES CAPABLE OF MULTI-UNIT COMMUNICATION WITH POWER PACKS, OCCUPANCY SENSORS AND/OR LIGHT FIXTURES AS REQUIRED IN SPACES THAT REQUIRE MULTIPLE SWITCH LOCATIONS (SUCH AS 3-WAY AND 4-WAY APPLICATIONS).

I. CONTRACTOR SHALL CLOSELY COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS AND CEILING TYPE SPECIFICATIONS WITH RESPECTIVE LIGHTING FIXTURE FOR EACH ROOM PRIOR TO ORDERING TO ASSURE PROPER INSTALLATION. CONFLICTS PERTAINING TO THE INSTALLATION REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OF RECORD.

J. FOR ANY LIGHTING FIXTURE THAT REQUIRES REMOTE POWER SUPPLIES AND/OR CONTROLLERS, COORDINATE LOCATION OF THOSE SO THEY ARE NOT VISIBLE IN FINISHED SPACES.

K. UNLESS OTHERWISE NOTED, LIGHT FIXTURES DESIGNATED AS EMERGENCY THAT DO NOT CONTAIN INTEGRAL EMERGENCY BATTERIES SHALL BE CONTROLLED TO OPERATE (ON, OFF, DIM) WITH OTHER FIXTURES IN THE SAME GROUP, ROOM, OR AREA. SUCH FIXTURES SHALL EMPLOY AN EMERGENCY POWER PACK OR EMERGENCY SHUNT DEVICE WHICH CONNECTS THE FIXTURE TO ITS ALTERNATE POWER SUPPLY IN THE EVENT OF UTILITY POWER LOSS. EXTEND UNSWITCHED "NORMAL" UTILITY CIRCUIT TO THE POWER PACK OR SHUNT DEVICE FOR DETECTION OF UTILITY POWER LOSS.

L. UNLESS OTHERWISE NOTED, LIGHT FIXTURES DESIGNATED AS EMERGENCY THAT CONTAIN INTEGRAL EMERGENCY BATTERIES SHALL BE CONTROLLED TO OPERATE (ON, OFF, DIM) WITH OTHER FIXTURES IN THE SAME GROUP, ROOM, OR AREA. SUCH FIXTURES SHALL EMPLOY AN INTEGRAL EMERGENCY BATTERY UNIT AND EMERGENCY SHUNT DEVICE WHICH CONNECTS THE FIXTURE TO ITS ALTERNATE POWER SUPPLY IN THE EVENT OF UTILITY POWER LOSS. EXTEND UNSWITCHED "NORMAL" UTILITY CIRCUIT TO THE FIXTURE FOR DETECTION OF UTILITY POWER LOSS.

LIGHTING KEYED NOTES:

1. MANUAL DIAL SWITCH FOR SHOWERS, 60 MINUTE TIMER.
2. FIXTURES INDICATED AS NIGHTLIGHTS SHALL BE CONTROLLED ALONG WITH OTHER FIXTURES IN THEIR GROUP DURING NORMAL BUSINESS HOURS. AFTER HOURS, FIXTURES DESIGNATED AS NIGHTLIGHTS SHALL ILLUMINATE TO 50%.

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02/06/2026
JOHN DANILSON JR

LIGHTING PLAN - SECOND FLOOR

E2.02

2/5/2026 10:42:18 AM TEMPLATE VERSION: 2025.1