

PERMIT DOCUMENTS FOR:

FRANKLIN COUNTY

EMERGENCY OPERATIONS CENTER

PREPARED FOR:

FRANKLIN COUNTY BOCC

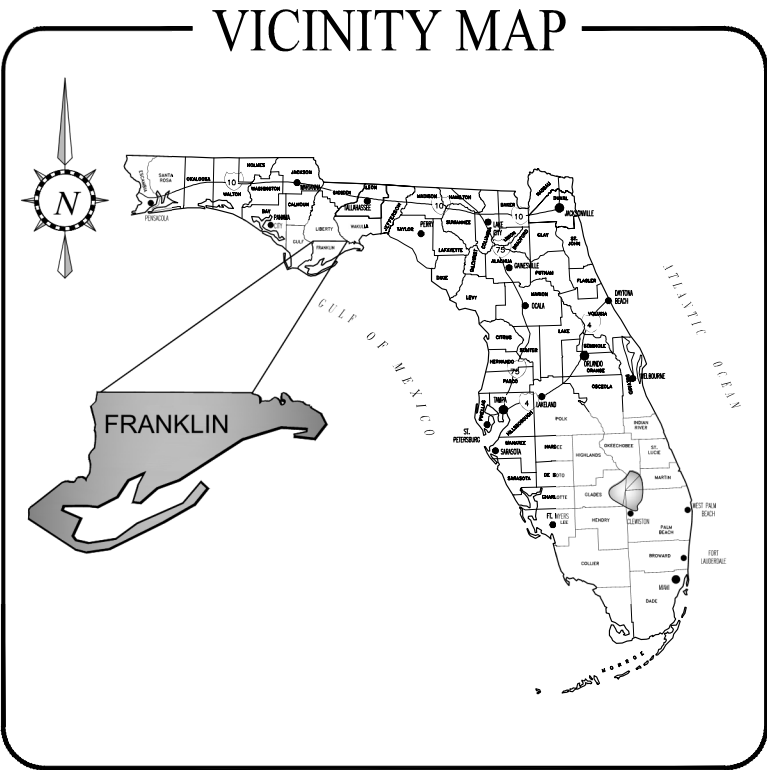
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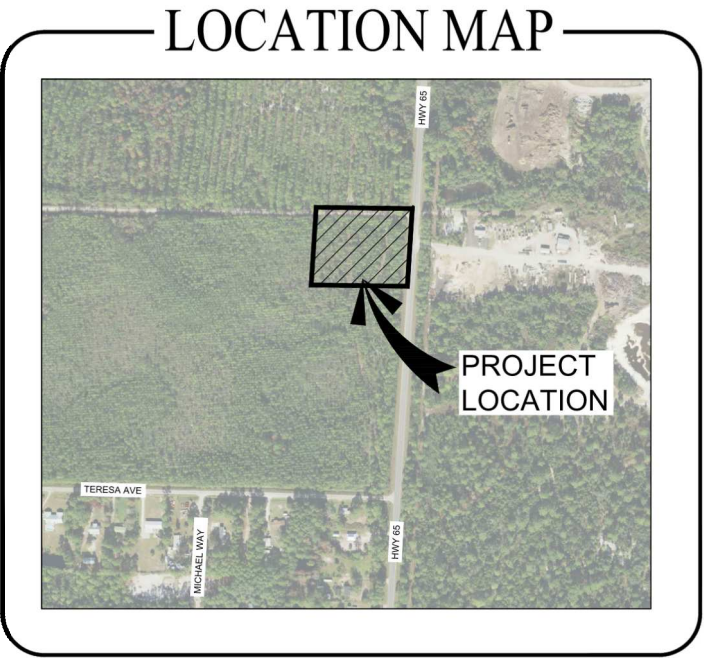
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OWNER, DEVELOPER, AGENT

OWNER/DEVELOPER: FRANKLIN COUNTY BOCC
33 MARKET STREET, SUITE 305
APALACHICOLA, FL 32320

ENGINEER/AGENT: DEWBERRY ENGINEERS INC.
324 MARINA DRIVE
PORT ST. JOE, FL 32456
850.227.7200

SITE LOCATION: 195 HWY 65
EASTPOINT, FL 32328
(FRANKLIN COUNTY PARCEL ID: 22-08S-06W-0000-0010-0010)

PROJECT NUMBER: 50186052

MAY 2026

PREPARED BY:



324 Marina Drive
Port St. Joe, FL 32456
850.227.7200

EB 0008794

ERRORS AND OMISSIONS, IF ANY, IN THESE CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION. GENERAL CONTRACTOR TO THOROUGHLY INSPECT EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS.

GENERAL CONTRACTOR TO THOROUGHLY INSPECT EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS SHALL BE NOTED AT ONCE AND CALLED TO THE ENGINEER'S ATTENTION 48 HOURS PRIOR TO SUBMITTING BIDS.

ALL CORRESPONDENCE IN REGARDS TO THESE CONSTRUCTION/BID DOCUMENTS SHALL BE DIRECTED TO JOSHUA BRYAN BAXLEY AT DEWBERRY ENGINEERS INC., 324 MARINA DRIVE, PORT ST. JOE, FL 32456, PHONE: (850) 227.7200.

GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS CURRENT EDITION, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CURRENT EDITION, AS AMENDED BY CONTRACT DOCUMENTS. FOR DESIGN STANDARDS CLICK ON "DESIGN STANDARDS" AT THE FOLLOWING WEB SITE: [HTTP://WWW.DOT.STATE.FL.US/RDDESIGN/](http://www.dot.state.fl.us/rddesign/)

FOR THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CLICK ON THE "STANDARD SPECIFICATIONS" LINK AT THE FOLLOWING WEB SITE: [HTTP://WWW.DOT.STATE.FL.US/PROGRAMMANAGEMENT](http://www.dot.state.fl.us/programmanagement)

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSHUA B. BAXLEY ON THE DATE NOTED ON THE ELECTRONIC SIGNATURE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

JOSHUA BRYAN BAXLEY, P.E.
P.E. #: 67529

DATE:

GENERAL NOTES:

1. THIS SURVEY IS REFERENCED TO FLORIDA STATE PLAN COORDINATES, NORTH ZONE, NAD 1983/2011, U.S. SURVEY.
2. VERTICAL DATUM SHOWN HEREON IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV888).
3. ANY PUBLIC LAND CORNER OR MONUMENT THAT PERPETUATES FRANKLIN COUNTY WITHIN THE PROJECT LIMITS IS TO BE PROTECTED BY THE CONTRACTOR. IF A MONUMENT IS IN DANGER OF BEING DESTROYED THE CONTRACTOR IS TO ENSURE THAT IT IS PROPERLY REFERENCED AND RESET PRIOR TO PROJECT COMPLETION. THE MONUMENTS SET SHALL MEET MINIMUM TECHNICAL STANDARDS AS DEFINED IN 81G17, F.A.C. AND CURRENT FRANKLIN COUNTY SURVEYING STANDARDS.
4. ANY PROJECT CONTROL MONUMENT THAT IS WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE PROJECT ADMINISTRATOR SHOULD NOTIFY THE FRANKLIN COUNTY, WITHOUT DELAY.
5. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION (STREET SIGNS) VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
6. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH MATERIALS FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, PERMISSION FROM THE PROJECT ADMINISTRATOR. THE CONTRACTOR SHALL PROVIDE THE PROJECT ADMINISTRATOR WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE CONSTRUCTION PROJECT ADMINISTRATOR SHALL COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. SINCE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
7. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT SHALL IMMEDIATELY BE REPORTED TO THE CONSTRUCTION PROJECT ADMINISTRATOR WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE CONSTRUCTION PROJECT ADMINISTRATOR IS TO NOTIFY THE PROJECT MANAGER OF DISCOVERY. THE PROJECT MANAGER WILL ARRANGE AN INVESTIGATION, IDENTIFICATION AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE CONSTRUCTION PROJECT ADMINISTRATOR.
8. THE CONTRACTOR SHALL DISPOSE OF ALL DEBRIS UPON COMPLETION OF THE PROJECT.
9. UPON COMPLETION OF THE WORK, ALL MATERIALS AND DEBRIS SHALL BE REMOVED AND ELEVATIONS IN THE WORK AREAS SHALL BE GRADED TO RESEMBLE THE ADJACENT NATURAL AREAS.
10. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE ONE CALL OF FLORIDA, INC. TWO BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE. CALL 1-800-432-4770 AND 811 (NATIONWIDE TOLL FREE UTILITY LOCATE). THE LOCATION OF THE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION.
11. ALL FILL MATERIAL SHALL BE SELECT FILL. SELECT SAND FILL NOT TO EXCEED 12% PASSING -200.
12. SWEEPING SHALL OCCUR DAILY OR AFTER SUCH EVENTS AS CAUSE TRACKING ONTO STREET.
13. INFORMATION SHOWN ON THE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES IS BASED ON DATA PROVIDED BY UTILITY OWNERS, AVAILABLE RECORDS, AND FIELD SURVEYS. THE PLANS MAY NOT SHOW ALL UTILITIES WITHIN PROJECT LIMITS, EITHER ACTIVE OR PLACED OUT-OF-SERVICE, OR THAT SAID UTILITIES ARE ACTUALLY IN THE HORIZONTAL OR VERTICAL POSITIONS SHOWN IN THE PLANS. DETERMINE THE TYPE AND LOCATION OF ALL UTILITIES TO ESTABLISH THEIR LOCATIONS AND TO AVOID DAMAGE TO UNDERGROUND UTILITIES.
14. ALL LANDSCAPE PLANTINGS ADJACENT TO STORM WATER FACILITIES ARE TO BE CONSIDERED AESTHETIC ONLY AND ARE NOT TO BE CONSIDERED LITHTORAL.
15. ALL CONSTRUCTION SHALL CONFORM WITH FDEP, FDOT, AND FRANKLIN COUNTY UTILITIES STANDARDS AND SPECIFICATIONS.

SIGNING AND MARKING NOTES:

1. FOR SIGN DETAILS, USE THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PUBLISHED BY THE US DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, LATEST EDITION.
2. SIGNS THAT ARE TO BE REMOVED FROM THE PROJECT SHOULD BE STOCKPILED SEPARATELY FROM THOSE THAT ARE TO BE RELOCATED. DAMAGED SIGNS WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LENGTH OF COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.
4. CAUTION SHALL BE EXERCISED IN THE INSTALLATION OF POST MOUNTED ROADSIDE SIGNS IN ORDER TO PREVENT POSSIBLE DAMAGE TO BURIED UTILITIES.
5. THE SIGN LOCATIONS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE PROJECT ADMINISTRATOR.
6. SIGNING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH CURRENT MUTCD, AMERICANS WITH DISABILITIES ACT, FDOT DESIGN STANDARDS (CURRENT EDITION), AND THE PLANS.
7. REFER TO FDOT STANDARD INDEX 706 FOR RPM PLACEMENT.
8. THE PAVEMENT MARKINGS AT ALL EXISTING/PROPOSED INTERFACE LOCATIONS SHALL MATCH IN TERMS OF ALIGNMENT AND COLOR.
9. ALL PAVEMENT MARKINGS SHALL BE FREE OF LEAD CONTAMINATES AND SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED IN PLANS.
10. SEE PLAN SHEETS FOR INTERSECTION CENTERLINE BREAK LOCATIONS.

CONSTRUCTION NOTES

1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE MADE WITH REFLECTORIZED TRAFFIC PAINT AND PERMANENT MARKINGS SHALL BE MADE WITH THERMOPLASTIC STRIPING IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS 711.
2. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT ABUTS.
3. TESTING SHALL BE IN GENERAL CONFORMANCE WITH THE FDOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE TESTING SCHEDULE CONTAINED WITHIN THESE PLANS. SELECTION AND CONTRACTING WITH THE TESTING FIRMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE ALL TESTS.
4. ALL DRAINAGE STRUCTURES, MITERED END SECTIONS, AND INLETS SHALL BE CONSTRUCTED ACCORDING TO THE LATEST FDOT DESIGN STANDARDS.
5. ALL INLET STRUCTURES SHALL HAVE 12" SUMP BOTTOMS (12" DIA.) IN COMPLIANCE WITH FDOT STANDARD INDEX 425.

TESTING SCHEDULE

1. ALL TESTING SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION.
2. SAMPLE AND TESTING SHALL BE PROVIDED BY CERTIFIED LABORATORY AT A RATE OF 1 SIEVE ANALYSIS PER 5000 CY OF IMPORTED MATERIAL. RESULTS SHALL BE PROVIDED TO FRANKLIN COUNTY FOR REVIEW AND APPROVAL.

CONSTRUCTION SEQUENCE NOTES

1. INSTALL ALL NECESSARY EROSION & SEDIMENT CONTROL ITEMS.
 2. ALL WETLANDS WHICH ARE NOT SHOWN AS BEING IMPACTED MUST BE CLEARLY DELINEATED AND FENCED PRIOR TO GRADING WORK.
 3. ROUGH GRADING OF THE POND AREAS SHALL BE PERFORMED PRIOR TO SITE GRADING, UTILITY CONSTRUCTION, DRAINAGE STRUCTURE INSTALLATION, OR ANY OTHER WORK ITEMS WHICH MAY REQUIRE DEWATERING.
 4. ALL NECESSARY DEWATERING SHALL DISCHARGE TO THE ROUGHLY GRADED AREAS.
 5. REMAINING CONSTRUCTION ITEMS SHALL FOLLOW POND CONSTRUCTION.
9. ALL PROPOSED UTILITY/INGRESS/EGRESS EASEMENTS MUST BE SHOWN ON THE DRAWING AND MUST HAVE THE ASSOCIATED LEGAL DESCRIPTION WRITTEN.
 10. EDGE OF PAVEMENT, ROADS (ASPHALT SHADED), CURBS, DRIVEWAY CONNECTIONS, BUILDINGS, PARKING LOTS, RIGHT-OF-WAY, AND STREET NAMES MUST BE SHOWN IN ALL APPLICATIONS. ALL ITEMS MENTIONED ABOVE MUST BE FIELD LOCATED.
 11. IF A LIFT STATION IS TO BE DEDICATED TO THE COUNTY THE PLAN MUST SHOW A DETAIL SCALED AT 1"=10' SHOWING ALL IMPROVEMENTS INCLUDING: WATER AND SEWER SERVICES, MANHOLES, INVERTS, RIMS, BFP'S, YARD HYDRANTS, CONTROL PANELS, FENCING, PARCEL BOUNDARY, LEGAL DESCRIPTION OF PARCEL BOUNDARY, WET WELL, VALVE BOX, FORCE MAIN, FLOW METER (IF APPLICABLE), DRIVEWAY, GATE.
 12. PROPERTY BOUNDARY MUST BE CLEARLY LABELED AND DIMENSIONED.
 13. INVERTS, GRATES, TOPS, RIMS MUST BE SHOWN FOR ALL STORM WATER DRAINAGE STRUCTURES, INVERTS (PIPES AND CLEANOUTS) AND RIMS MUST BE SHOWN FOR ALL GRAVITY SEWER MANHOLES. SLOPES MUST BE SHOWN ON EACH RUN OF PIPE FOR REVIEW AND APPROVAL.
 14. "As-Built" PROFILE OF ALL DIRECTIONAL BORES AND JACK-AND-BORES INDICATING GRADE AND PIPE ELEVATIONS AT 10 FOOT INTERVALS SHALL BE PROVIDED ON AS-BUILT PLAN SHEETS BASED ON BORE LOGS DEVELOPED BY BORING CONTRACTOR DURING INSTALLATION. PROFILES SHALL USE HORIZONTAL STATIONING WHICH TIES TO STATIONING ON PLANS. PROFILES SHALL ALSO SHOW EXISTING SURFACE ELEVATIONS AS WELL AS ANY PROPOSED SURFACE ELEVATIONS ON THE PROFILE. SURFACE PROFILES MUST SHOW ANY PAVEMENT, SIDEWALKS, DITCHES, SWALES ETC. NOTE THAT PROFILES LOCATING PIPE BY "DEPTH BELOW EXISTING GROUND" WILL BE CONSIDERED UNACCEPTABLE.
 15. COASTAL SETBACK LINE OR COASTAL CONSTRUCTION CONTROL LINE SHOULD BE DESIGNATED.
 16. ELEVATIONS AND LOCATION OF ANY FLOOD ZONES ALONG THE FLOOD HAZARD BOUNDARIES SHALL BE DELINEATED.
 17. NEARBY WETLANDS AND OTHER ENVIRONMENTALLY SIGNIFICANT RESOURCES CLEARLY LABELED.
 18. STORM WATER MANAGEMENT SYSTEM FEATURES INCLUDING DIMENSIONS OF WET AND DRY SWALES, WET AND DRY PONDS, CONVEYANCE SYSTEMS, EASEMENTS, ALONG WITH ALL ASSOCIATED M.E.S. (MITERED END STRUCTURE) AND INVERTS, OUTFALL STRUCTURES AND INVERTS, SKIMMERS, DISCHARGE STRUCTURES AND INVERTS AND SLOPE ELEVATIONS, TOP OF BANK, SLOPE OF BANK AND BOTTOM OF ALL PONDS, SWALES, CLOSED AND OPEN CONVEYANCES. FOR FEMA LOMAR SUBMITTALS ALSO PROVIDE: FINISHED FLOOR ELEVATIONS, SPOT ELEVATIONS AND/OR CONTOURS SHOWING LOWEST LOT ELEVATIONS.
 19. THE ENGINEER OF RECORD SHALL REVIEW AND APPROVE THE AS-BUILT PRIOR TO SUBMISSION TO THE COUNTY FOR FINAL APPROVAL. WRITTEN APPROVAL BY THE ENGINEER OF RECORD SHALL BE NOTED ON A TRANSMITTAL WITH A STATEMENT OF NO EXCEPTIONS TO A MINIMUM STANDARDS PROVIDED HEREIN.
 20. STORM WATER REQUIREMENTS FOR THE AS-BUILT SURVEYS ONLY APPLY TO PARCELS WITHIN COUNTY LIMITS. PLEASE SUBMIT THREE (3) HARDCOPIES AND ONE (1) DIGITAL (AUTOCAD FORMAT) FOR REVIEW AND APPROVAL.

EROSION AND SEDIMENT CONTROL NOTES:

CONSTRUCTION:

1. CONTRACTOR SHALL STAGE AND TIME CONSTRUCTION TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA.
 2. AS SOON AS GRADING IS COMPLETE IN AN AREA, THE CONTRACTOR WILL STABILIZE THE SOIL, FOR LONG, NARROW AREAS, THE CONTRACTOR SHALL STABILIZE CONTINUOUSLY DURING GRADING OPERATIONS. ROUGH GRADED AREAS SHOULD BE STABILIZED WITH TEMPORARY EROSION CONTROL. IF FINAL GRADING AND STABILIZATION WILL NOT BE PERMITTED WITHIN 14 DAYS, THE CONTRACTOR SHALL STABILIZE EXPOSED SOIL AREAS IN A TIMELY MANNER AFTER GRADING MAY BE CONSIDERED A VIOLATION OF CHAPTERS 17-3, 17-12, AND/OR 17-25, FLORIDA ADMINISTRATIVE CODE, BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND SUBJECT TO CORRECTIVE ACTION, PURSUANT TO SECTION 403.121-403.161 FLORIDA STATUTES. ALL STABILIZATION MEASURES WILL BE AT THE CONTRACTOR'S SOLE EXPENSE.
 3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING A TASK TO PROVIDE EROSION CONTROL. UNLESS ANOTHER PARTY HAS BEEN PREVIOUSLY SPECIFIED AS RESPONSIBLE FOR THE EROSION CONTROL ASSOCIATED WITH THAT TASK, IN THE EVENT ANOTHER PARTY IS RESPONSIBLE FOR EROSION CONTROL, THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR COORDINATION WITH THE PARTY RESPONSIBLE. IN THE EVENT THAT DAMAGE TO THE CONSTRUCTED ITEM RESULTS ARE DUE TO LACK OF EROSION CONTROL, THE CONTRACTOR SHALL REPAIR OR REPLACE THE ITEM AT NO CHARGE TO THE OWNER.
 4. TEMPORARY EROSION CONTROL SHALL CONSIST OF TEMPORARY GRASS, TEMPORARY MULCH, TEMPORARY SOD, ARTIFICIAL COVERINGS, BALED HAY OR STRAW, SILT FENCES, AND TURBIDITY BARRIERS. TEMPORARY EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS.
 5. PERMANENT EROSION CONTROL SHALL CONSIST OF SEED, SEED AND MULCH, HYDRO-SEEDING, SOD, AND/OR ARTIFICIAL COVERINGS. PERMANENT EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTIONS 570 AND 575 OF THE FDOT STANDARD SPECIFICATIONS. SEED OR GRASS TYPE SHALL MATCH EXISTING OR BE AS SPECIFIED BY OWNER UNLESS NOTED OTHERWISE.
 6. GRASS BY SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. THIS SHALL BE USED ONLY IN AREAS SUBJECT TO LIGHT EROSION SUCH AS FLAT AREAS.
 7. GRASS BY HYDRO-SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. HYDRO-SEEDING MAY BE USED FOR FLAT AREAS AND SIDE SLOPES WHICH DO NOT EXCEED 2:1. DRAINAGE DITCHES OR LARGE SWALES MUST HAVE ADDITIONAL PROTECTION BESIDES HYDRO-SEEDING.
 8. GRASS AND MULCH SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. GRASS AND MULCH MAY BE USED IN ALL AREAS EXCEPT LARGE SWALES OR DITCHES. MULCH SHALL BE ANCHORED IN ACCORDANCE WITH SECTION 570. SOLID SOD SHALL BE IN ACCORDANCE WITH SECTIONS 104, 575, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. SOD MAY BE USED IN ALL AREAS FOR SIDE SLOPES LESS THAN 2:1. SOD SHOULD NOT BE USED ON SLOPES GREATER THAN 1:2 (V:H). EROSION CONTROL BLANKETS WITH GRASSING OR OTHER SLOPE STABILIZATION TECHNIQUES SHOULD BE USED ON SLOPES GREATER THAN 1:2. SOD SHALL BE STAGGERED SO AS TO AVOID A CONTINUOUS SEAM. IN AREAS WITH SLOPES 3:1 OR STEEPER, EACH PIECE OF SOD SHALL BE PEGGED WITH SOD PEGS. IN DIFFICULT SOIL CONDITIONS WITH STEEP SLOPES, IT MAY BE NECESSARY TO COVER SOD WITH ARTIFICIAL COVERINGS SUCH AS JUTE MESH UNTIL SOD BECOMES ESTABLISHED.
 9. TEMPORARY EROSION CONTROL BY ARTIFICIAL COVERINGS SHALL CONSIST OF STRAW BLANKETS, COCONUT FIBER BLANKETS, POLYESTER BLANKETS, JUTE MESH, AND DRAINAGE FENCINGS. ARTIFICIAL COVERINGS SHALL BE INSTALLED IN ACCORDANCE WITH MATERIALS MANUFACTURER'S RECOMMENDATIONS. SEEDING SHALL BE INCLUDED IF MATERIAL REQUIRES VEGETATION TO FUNCTION PROPERLY.
 10. THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/ SEDIMENTATION BARRIER (HAY BALES, SILT FENCE, TURBIDITY BARRIER, OR AS SPECIFIED IN THE CONSTRUCTION SPECIFICATIONS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS, AND WETLAND OR JURISDICTIONAL AREAS. IF, IN THE OPINION OF THE ENGINEER, AND/OR REGULATORY AUTHORITIES, EXCESSIVE QUANTITIES OF MATERIAL ARE TRANSPORTED OFFSITE BY EROSION OR STORM WATER RUNOFF, THE CONTRACTOR SHALL IMPROVE CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES. IN NO CASE SHALL CONSTRUCTION COMMENCE PRIOR TO INSTALLATION OF EROSION CONTROL/SEDIMENTATION BARRIER.
 11. CONTRACTOR SHALL PLACE STRAW, MULCH, OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION-RELATED TRAFFIC IS TO ENTER AND EXIT SITE.
 12. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AREA USING SPRINKLING IRRIGATION OR OTHER ACCEPTABLE METHODS.
- MAINTENANCE:**
13. THE CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION CONTROL FEATURES, UNTIL THE PROJECT IS COMPLETED AND ACCEPTED. THEN MAINTENANCE SHALL BE IN ACCORDANCE WITH SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS OR FRANKLIN COUNTY SPECIFICATIONS.
 14. SILT FENCES AND TURBIDITY BARRIERS SHALL BE CHECKED DAILY FOR EFFECTIVENESS, BREACHES, AND ROUTINE MAINTENANCE.

AS-BUILT NOTES

3. MUST IDENTIFY THE RESPONSIBLE SURVEYOR AND MAPPER.
4. SHALL STATE THE TYPE OF SURVEY IT DEPICTS AND THE PURPOSE OF THE SURVEY.
5. MUST BEAR THE NAME, CERTIFICATE OF AUTHORIZATION NUMBER, STREET AND MAILING ADDRESS OF THE BUSINESS ENTITY ISSUING THE AS-BUILT SURVEY, ALONG WITH THE NAME AND LICENSE NUMBER OF THE SURVEYOR IN RESPONSIBLE CHARGE.
6. MUST REFLECT A SURVEY DATE, WHICH IS THE DATE OF ACQUISITION, WHEN THE GRAPHICS OF THE AS-BUILT SURVEY ARE REVISED, BUT THE SURVEY DATE STAYS THE SAME, THE AS-BUILT SURVEY MUST LIST DATES FOR ALL REVISIONS.
7. MUST BE SIGNED AND SEALED BY THE SURVEYOR IN RESPONSIBLE CHARGE.
8. A DESIGNATED "NORTH ARROW" AND EITHER A STATED SCALE OR GRAPHIC SCALE SHALL BE SHOWN.
9. APPROPRIATE LINE TYPES, LINE WEIGHTS, AND LINE WIDTHS SHALL BE USED ON THE AS-BUILT DRAWING TO DIFFERENTIATE EXISTING FROM PROPOSED AND WATER FROM SEWER, RECLAIM, AND STORM. ALL PHYSICAL ITEMS (I.E. PIPES, VALVES, ETC.), SURVEYED BOUNDARIES, AND EASEMENTS SHOULD BE CLEARLY MARKED, AND DIMENSIONED, AND IDENTIFIED BY SIZE AND MATERIAL.
10. ALL UTILITIES IN THE PUBLIC RIGHT-OF-WAY AND WITHIN EASEMENTS OR TO THE END OF THE PUBLICLY OWNED PORTION OF THE UTILITY (I.E. METER AND BACKFLOW PREVENTER, CLEANOUTS, ETC.) SHALL BE SHOWN AND DIMENSIONED TO THE CENTERLINE OF THE UTILITY. THIS INCLUDES, BUT IS NOT LIMITED TO, SUB-OUTS/LATERALS, METERS, BFFS, WATER MAINS, GRAVITY SEWER MAINS, MANHOLES, STORM WATER PIPING AND ASSOCIATED STRUCTURES, VALVES, FIRE HYDRANTS, LIFT STATIONS, ETC. ALL PIPE LINE WORK MUST BE CONNECTED WITHIN THE SITE AS WELL AS THE CONNECTION TO EXISTING UTILITIES ADJACENT TO THE SITE (IT IS THE SURVEYOR'S RESPONSIBILITY TO COORDINATE WITH ALL CONTRACTORS FOR LOCATIONS AND SIZING). ALL UTILITY CONNECTIONS TO THE BUILDINGS MUST BE SHOWN.
11. ALL PROPOSED UTILITY/INGRESS/EGRESS EASEMENTS MUST BE SHOWN ON THE DRAWING AND MUST HAVE THE ASSOCIATED LEGAL DESCRIPTION WRITTEN.
12. EDGE OF PAVEMENT, ROADS (ASPHALT SHADED), CURBS, DRIVEWAY CONNECTIONS, BUILDINGS, PARKING LOTS, RIGHT-OF-WAY, AND STREET NAMES MUST BE SHOWN IN ALL APPLICATIONS. ALL ITEMS MENTIONED ABOVE MUST BE FIELD LOCATED.
13. IF A LIFT STATION IS TO BE DEDICATED TO THE COUNTY THE PLAN MUST SHOW A DETAIL SCALED AT 1"=10' SHOWING ALL IMPROVEMENTS INCLUDING: WATER AND SEWER SERVICES, MANHOLES, INVERTS, GRATES, BFFS, WATER HYDRANTS, CONTROL PANELS, FENCING, PARCEL BOUNDARY, LEGAL DESCRIPTION OF PARCEL BOUNDARY, WET WELL, VALVE BOX, FORCE MAIN, FLOW METER (IF APPLICABLE), DRIVEWAY, GATE.
14. PROPERTY BOUNDARY MUST BE CLEARLY LABELED AND DIMENSIONED.
15. INVERTS, GRATES, TOPS, RIMS MUST BE SHOWN FOR ALL STORM WATER DRAINAGE STRUCTURES, INVERTS (PPES AND CLEANOUTS) AND RIMS MUST BE SHOWN FOR ALL GRAVITY SEWER MANHOLES. SLOPES MUST BE SHOWN ON EACH RUN OF PIPE FOR REVIEW AND APPROVAL.
16. "AS-BUILT" PROFILE OF ALL DIRECTIONAL BORES AND JACK-AND-BORES INDICATING GRADE AND PIPE ELEVATIONS AT 10 FOOT INTERVALS SHALL BE PROVIDED ON AS-BUILT PLAN SHEETS BASED ON BORE LOGS DEVELOPED BY BORING CONTRACTOR DURING INSTALLATION. PROFILES SHALL USE HORIZONTAL STATIONING WHICH TIES TO STATIONING ON PLANS. PROFILES SHALL ALSO SHOW EXISTING SURFACE ELEVATIONS AS WELL AS ANY PROPOSED SURFACE ELEVATIONS ON THE PROFILE. SURFACE PROFILES MUST SHOW ANY PAVEMENT, SIDEWALKS, DITCHES, SWALES ETC. NOTE THAT PROFILES LOCATING PIPE BY "DEPTH BELOW EXISTING GROUND" WILL BE CONSIDERED UNACCEPTABLE.
17. COASTAL SETBACK LINE OR COASTAL CONSTRUCTION CONTROL LINE SHOULD BE DESIGNATED.
18. ELEVATIONS AND LOCATION OF ANY FLOOD ZONES ALONG THE FLOOD HAZARD BOUNDARIES SHALL BE DELINEATED.
19. NEARBY WETLANDS AND OTHER ENVIRONMENTALLY SIGNIFICANT RESOURCES CLEARLY LABELED.
20. STORM WATER MANAGEMENT SYSTEM FEATURES INCLUDING DIMENSIONS OF WET AND DRY SWALES, WET AND DRY PONDS, CONVEYANCE SYSTEMS, EASEMENTS, ALONG WITH ALL ASSOCIATED M.E.S. (INTERFERED END STRUCTURE) AND INVERTS, OUTFALL STRUCTURES AND INVERTS, SKIMMERS, DISCHARGE STRUCTURES AND INVERTS AND SLOT ELEVATIONS, TOP OF BANK, SLOPE OF BANK AND ELEVATION OF TOP OF BANK, CLOSED AND OPEN CONVEYANCES, FOR FEMA LOMAR SUBMITTALS ALSO PROVIDE: FINISHED FLOOR ELEVATIONS, SPOT ELEVATIONS AND/OR CONTOURS SHOWING LOWEST LOT ELEVATIONS.
21. THE ENGINEER OF RECORD SHALL REVIEW AND APPROVE THE AS-BUILT PRIOR TO SUBMISSION TO THE COUNTY FOR FINAL APPROVAL. WRITTEN APPROVAL BY THE ENGINEER OF RECORD SHALL BE NOTED ON A TRANSMITTAL WITH A STATEMENT OF NO EXCEPTIONS TO A MINIMUM STANDARDS PROVIDED HEREIN.
22. STORM WATER REQUIREMENTS FOR THE AS-BUILT SURVEYS ONLY APPLY TO PARCELS WITHIN COUNTY LIMITS. PLEASE SUBMIT THREE (3) HARDCOPIES AND ONE (1) DIGITAL (AUTOCAD FORMAT) FOR REVIEW AND APPROVAL.

PAVING, GRADING, AND EARTH WORK NOTES:

CONSTRUCTION:

1. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SEEDED, MULCHED, SODDED, STABILIZED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, WITHIN FIVE (5) DAYS AFTER CONSTRUCTION.
2. ORGANIC, UNSUITABLE SOILS BENEATH THE PAVED AREAS SHALL BE REMOVED AND REPLACED WITH CLEAN SAND MATERIAL OF WHICH NOT MORE THAN 12% BY DRY WEIGHT IS FINER THAN THE NUMBER 20 MESH SIEVE. FILL MATERIAL SHALL BE FREE OF ORGANICS, RUBBLE, CLAY, OR OTHER DELETERIOUS MATTER.
3. THE PAVEMENT SUBGRADE SHOULD BE STABILIZED TO AN LBR OF 40. MATERIAL FOR STABILIZATION SHALL BE EITHER LIMEROCK, CRUSHED SHELL, OR OTHER MATERIAL APPROVED BY THE ENGINEER. STABILIZING MATERIALS MUST BE IN CONFORMANCE WITH FDOT SPECIFICATIONS.
4. ALL WASTE MATERIAL SHALL BE DISPOSED OF OFFSITE IN ACCORDANCE WITH APPLICABLE REGULATIONS.
5. PROPOSED SLOPE ELEVATIONS REPRESENT PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
6. CONTRACTOR TO PROVIDE 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (BUILDINGS, OTHER POURED CONCRETE, ETC.) EXCEPT ASPHALT.

RIGHT OF WAY CONSTRUCTION NOTES:

1. ALL WORK IN THE COUNTY RIGHT OF WAY SHALL CONFORM TO THE FOLLOWING:
 - A. FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, LATEST EDITION, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC CONTROL STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS FOR STREETS AND HIGHWAYS (LATEST EDITION), COMPLIANCE WITH ALL APPLICABLE INDICES IS REQUIRED.
 - B. COMPLY WITH ALL STANDARDS OF THE FRANKLIN COUNTY PUBLIC WORKS DEPT., 24 HOURS IN ADVANCE OF STARTING PROPOSED WORK, CALL 850-784-4060.
 - C. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH STANDARD DOT INDICES 600 AND 604.
2. CONSTRUCTION SHALL BE IN THE COUNTY RIGHT OF WAY NOT RESTORED AS PAVEMENT SHALL BE SODDED.
3. NO LANE CLOSURES DURING THE HOURS OF 6:00 a.m. TO 9:00 a.m. OR 4:00 p.m. TO 7:00 p.m.
4. NOTE: FIRM'S SHALL BE INSTALLED IN ACCORDANCE WITH DOT STANDARD INDICES 700.
5. ALL PERMANENT STRIPING IN COUNTY R.O.W. SHALL BE THERMOPLASTIC.



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EB 0008794

PRELIMINARY PLACEMENTS
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SCALE

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REVISIONS

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APPROVED BY JBE

- CHECKED BY JBE

DATE MAY 2026

TITLE

GENERAL NOTES

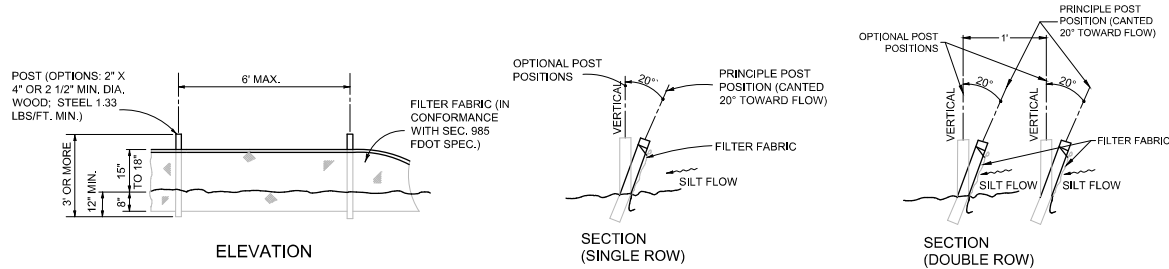
PROJECT NO. 50186052

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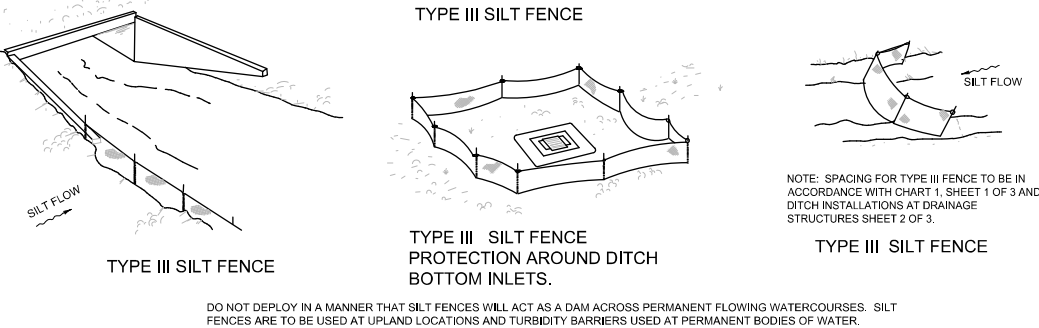
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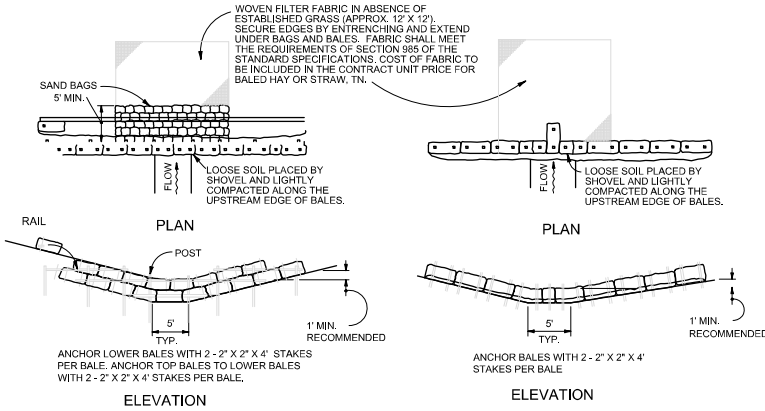
DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

NOTE:
1) SILT FENCE SHALL BE USED/PLACED AT THE DIRECTION OF THE ENGINEER AND TO COMPLY WITH THE FDEP/NPDES PERMITTING.

DETAIL SILT FENCE APPLICATIONS

SCALE: N.T.S.

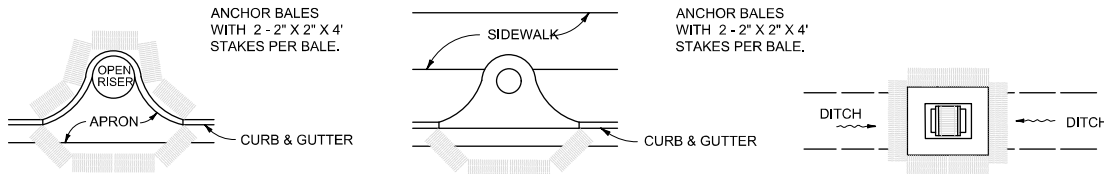
C



TYPE II BARRIER FOR UNPAVED DITCHES

TYPE I

B



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

N.T.S.

A

EROSION AND SEDIMENT CONTROL NOTES:

- CONTRACTOR SHALL STAGE AND TIME CONSTRUCTION TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA.
- AS SOON AS GRADING IS COMPLETE IN AN AREA, THE CONTRACTOR WILL STABILIZE THE SOIL. FOR LONG, NARROW AREAS, THE CONTRACTOR SHALL STABILIZE CONTINUOUSLY DURING GRADING OPERATIONS. ROUGH GRADED AREAS SHOULD BE STABILIZED WITH TEMPORARY EROSION CONTROL. IF FINAL GRADING AND STABILIZATION WILL NOT BE PERFORMED WITHIN FIVE (5) DAYS, FAILURE TO STABILIZE EXPOSED SOIL AREAS IN A TIMELY MANNER AFTER GRADING MAY BE CONSIDERED A VIOLATION OF CHAPTERS 62-3, 62-12, AND/OR 62-330, FLORIDA ADMINISTRATIVE CODE, BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND SUBJECT TO CORRECTIVE ACTION, PURSUANT TO SECTION 403.121-403.161 FLORIDA STATUTES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING A TASK TO PROVIDE EROSION CONTROL UNLESS ANOTHER PARTY HAS BEEN PREVIOUSLY SPECIFIED AS RESPONSIBLE FOR THE EROSION CONTROL ASSOCIATED WITH THAT TASK. IN THE EVENT ANOTHER PARTY IS RESPONSIBLE FOR EROSION CONTROL, THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR COORDINATION WITH THE PARTY RESPONSIBLE. IN THE EVENT THAT DAMAGE TO THE CONSTRUCTED ITEM RESULTS ARE DUE TO LACK OF EROSION CONTROL, THE CONTRACTOR SHALL REPAIR OR REPLACE THE ITEM AT NO CHARGE TO THE OWNER.
- TEMPORARY EROSION CONTROL SHALL CONSIST OF TEMPORARY GRASS, TEMPORARY MULCH, TEMPORARY SOD, ARTIFICIAL COVERINGS, BALED HAY OR STRAW, SILT FENCES, AND TURBIDITY BARRIERS. TEMPORARY EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS.
- PERMANENT EROSION CONTROL SHALL CONSIST OF SEED, SEED AND MULCH, HYDRO-SEEDING, SOD, AND/OR ARTIFICIAL COVERINGS. PERMANENT EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTIONS 570 AND 575 OF THE FDOT STANDARD SPECIFICATIONS. SEED OR GRASS TYPE SHALL MATCH EXISTING OR BE AS SPECIFIED BY OWNER UNLESS NOTED OTHERWISE.
- GRASS BY SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. THIS SHALL BE USED ONLY IN AREAS SUBJECT TO LIGHT EROSION SUCH AS FLAT AREAS.
- GRASS BY HYDRO-SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. HYDRO-SEEDING MAY BE USED FOR FLAT AREAS AND SIDE SLOPES WHICH DO NOT EXCEED 2:1. DRAINAGE DITCHES OR LARGE SWALES MUST HAVE ADDITIONAL PROTECTION BESIDES HYDRO-SEEDING.
- GRASS AND MULCH SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. GRASS AND MULCH MAY BE USED IN ALL AREAS EXCEPT LARGE SWALES OR DITCHES. MULCH SHALL BE ANCHORED IN ACCORDANCE WITH SECTION 570.
- SOLID SOD SHALL BE IN ACCORDANCE WITH SECTIONS 104, 575, 981, 982, AND 983 OF FDOT STANDARD SPECIFICATIONS. SOD MAY BE USED IN ALL AREAS FOR SIDE SLOPES GREATER THAN OR EQUAL TO 2:1. SOD SHALL BE STAGGERED SO AS TO AVOID A CONTINUOUS SEAM. IN AREAS WITH SLOPES 4:1 OR STEEPER, EACH PIECE OF SOD SHALL BE PEGGED WITH SOD PEGS. IN DIFFICULT SOIL CONDITIONS WITH STEEP SLOPES, IT MAY BE NECESSARY TO COVER SOD WITH ARTIFICIAL COVERINGS SUCH AS JUTE MESH UNTIL SOD BECOMES ESTABLISHED.
- TEMPORARY EROSION CONTROL BY ARTIFICIAL COVERINGS SHALL CONSIST OF STRAW BLANKETS, COCONUT FIBER BLANKETS, POLYESTER BLANKETS, JUTE MESH, AND DRAINAGE FABRICS. MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SEEDING SHALL BE INCLUDED IF MATERIAL REQUIRES VEGETATION TO FUNCTION PROPERLY.
- THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/ SEDIMENTATION BARRIER (HAY BALES, SILT FENCE, TURBIDITY BARRIER, OR AS SPECIFIED IN THE CON-STRUCTION DRAWINGS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS, AND WETLAND OR JURISDICTIONAL AREAS. IF, IN THE OPINION OF THE ENGINEER, AND/OR REGULATORY AUTHORITIES, EXCESSIVE QUANTITIES OF MATERIAL ARE TRANSPORTED OFF-SITE BY EROSION OR STORMWATER RUNOFF, THE CONTRACTOR SHALL IMPROVE CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES. IN NO CASE SHALL CONSTRUCTION COMMENCE PRIOR TO INSTALLATION OF EROSION CONTROL/SEDIMENTATION BARRIER.
- CONTRACTOR SHALL PLACE STRAW, MULCH, OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CON-STRUCTION-RELATED TRAFFIC IS TO ENTER AND EXIT SITE.
- IF WIND EROSION BECOMES SIGNIFICANT DURING CON-STRUCTION, THE CONTRACTOR SHALL STABILIZE THE AREA USING SPRINKLING IRRIGATION OR OTHER ACCEPTABLE METHODS.
- THE DEVELOPER OR DEVELOPER'S DESIGNATED AGENT MUST NOTIFY GULF COUNTY PUBLIC WORKS (JIM FAULKNER 850-248-4302 - JFAULKNER@GULFCOUNTYFL.GOV) AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, INCLUDING LAND CLEARING OPERATIONS. A COPY OF THE NOTICE OF INTENT TO USE NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES WILL NEED TO BE PROVIDED TO PUBLIC WORKS ENGINEERING DIVISION.

STORMWATER POLLUTION PREVENTION PLAN:

- SITE DESCRIPTION:**
CONSTRUCTION: EMERGENCY OPERATIONS CENTER, POLE BARN, WAREHOUSE, HELIPAD, ASPHALT PARKING, SIDEWALK, AND ASSOCIATED APPURTENANCES.
PROJECT LIMITS: SEE SHEET C1
A. MAJOR SOIL DISTURBING ACTIVITIES: CLEARING AND GRUBBING OVER PROJECT LIMITS, EXCAVATION OF STORMWATER FACILITIES, CONSTRUCTION OF ROADWAYS AND SUPPORTING INFRASTRUCTURE.
B. TOTAL PROJECT AREA: 3,030 ACRES
TOTAL SOIL AREA TO BE DISTURBED: 3,030 ACRES
C. RUNOFF COEFFICIENTS BEFORE, DURING, AND AFTER CONSTRUCTION: BEFORE: 0.25, DURING: 0.50, AFTER: 0.71
DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE: N/A
ESTIMATES OF SIZE OF DRAINAGE AREA FOR EACH OUTFALL: SEE PLANS
FOR LOCATIONS OF DRAINAGE AREAS AND OUTFALLS: SEE PLANS
- CONTROLS:**
NARRATIVE - SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS
THE SOIL DISTURBING ACTIVITIES FOR THIS PROJECT ARE AS FOLLOWS: ONLY UPON PROPER PLACEMENT OF ALL EROSION CONTROLS CAN SOIL DISTURBING ACTIVITIES TAKE PLACE. HAY BALES AND SILT FENCE WILL BE USED LATERALLY AT SPECIFIED INTERVALS. HAY BALES SHALL BE USED TO PREVENT SEDIMENTATION FROM ESCAPING PROJECT LIMITS.
A. EROSION AND SEDIMENT CONTROLS:
a. STABILIZATION PRACTICES:

TEMPORARY SODDING	SEDIMENT TRAPS
TEMPORARY GRASSING	SEDIMENT BASINS
PERMANENT PLANTING, SODDING, OR SEEDING	STORM INLET SEDIMENT TRAP (ROCK BAGS)
X TEMPORARY MULCHING	X STONE OUTLET STRUCTURES
X ARTIFICIAL COVERING	X CURBS AND GUTTERS
BUFFER ZONES	X STORM SEWERS
PRESERVATION OF NATURAL RESOURCES	X VELOCITY CONTROL DEVICES
	TURBIDITY BARRIER
	X RIP RAP

b. STRUCTURAL PRACTICES:

X SAND BAGGING	
SILT FENCES	
X HAY BALES	
X BERMS	
X DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES	
PIPE SLOPE DRAINS	
FLUMES	
ROCK BEDDING AT CONSTRUCTION EXIT	
TIMBER BEDDING AT CONSTRUCTION EXIT	
DITCH LINER	

B. DESCRIPTION OF STORMWATER MANAGEMENT: STORM WATER WILL BE TREATED TO ERP AND NORTH GULF EMA STANDARDS BY WET DETENTION STORMWATER MANAGEMENT FACILITIES, AND DISCHARGES WILL BE ATTENUATED FOR THE 2-YEAR 24-HR SCS III, 25-YEAR CRITICAL STORM EVENTS AND TO CONVEY THE 100-YEAR CRITICAL STORM EVENTS WITHOUT OVERTOPPING
- C. OTHER CONTROLS:**
a. WASTE DISPOSAL: NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE
b. OFFSITE VEHICLE TRACKING:
HAUL ROADS DAMPENED FOR DUST CONTROL
LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
EXCESS DIRT ON ROAD REMOVED DAILY
STABILIZED CONSTRUCTION ENTRANCE

c. SANITARY WASTE: N/A
d. FERTILIZERS AND PESTICIDES: FERTILIZERS AND/OR PESTICIDES SHALL BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS BY A LICENSED OR CERTIFIED APPLICATOR AS DIRECTED BY THE PROJECT ENGINEER
e. NON-STORMWATER DISCHARGE (INCLUDING SPILL REPORTING): NO NON-STORMWATER DISCHARGES ARE ANTICIPATED.

D. APPROVED STATE, LOCAL PLANS, OR STORMWATER PERMITS: FDEP AND FRANKLIN COUNTY UTILITY APPROVALS, FRANKLIN COUNTY DEVELOPMENT ORDER, NWFWD ERP PERMIT.
- MAINTENANCE:**
ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES. IF A REPAIR IS NECESSARY, IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN (7) CALENDAR DAYS AFTER THE SURROUNDING EXPOSED AREA HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT.
- INSPECTION:**
A. ALL CONTROLS SHALL BE INSPECTED WEEKLY BY THE CONTRACTOR AS WELL AS AFTER 0.50" OR MORE OF RAIN. AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE PER EACH INSPECTION. BASED ON INSPECTION RESULTS THE CONTROLS SHALL BE REVISED PER THE INSPECTION REPORTS.

B. THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTION THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER, TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAGES AND DAILY RAINFALL RECORDS. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT AND CERTIFY THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORM WATER POLLUTION PREVENTION PLAN.

C. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS NEEDED.

D. RECORDS OF THE INSPECTION AND THE CONSTRUCTION PERMIT MUST BE MAINTAINED AT THE CONSTRUCTION SITE AND BE READILY AVAILABLE FOR INSPECTION.
- THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING COVERAGE UNDER THE GENERAL PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES PRIOR TO START OF CONSTRUCTION OR ANY DISTURBANCE OF LAND GREATER THAN ONE ACRE. THE DEVELOPER/CONTRACTOR WILL FORWARD A COPY OF THE PERMIT AND WILL PROVIDE 24 HOUR NOTIFICATION TO THE ENGINEERING DEPARTMENT AT 850-248-8301 PRIOR TO COMMENCEMENT OF WORK. ALL REQUIRED ELEMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN MUST BE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION. FAILURE TO COMPLY COULD RESULT IN CODE ENFORCEMENT ACTION AND FINES.**
- IT IS UNLAWFUL FOR ANY PERSON TO DUMP, LEAVE OR BURY ANY SOLID WASTE ON PUBLIC OR PRIVATE PROPERTY. FAILURE TO DISPOSE OF SOLID WASTE AS SPECIFIED IN SECTION 13-10 OF FRANKLIN COUNTY MUNICIPAL CODE OF ORDINANCES IS PUNISHABLE UNDER SECTION 13-1**



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EB 0008794

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FOR CONSTRUCTION

SCALE

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REVISIONS

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APPROVED BY _____ JBB
CHECKED BY _____ JBB
DATE _____ MAY 2026

TITLE

SWPPP

PROJECT NO. 50186052

G2

SHEET NO.

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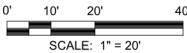
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DATE	MAY 2026

TITLE

DEMOLITION AND
EROSION
CONTROL PLAN

PROJECT NO. 50186052

C1

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FRANKLIN COUNTY

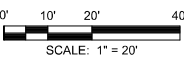
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FOR CONSTRUCTION

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CHECKED BY JBB

DATE MAY 2026

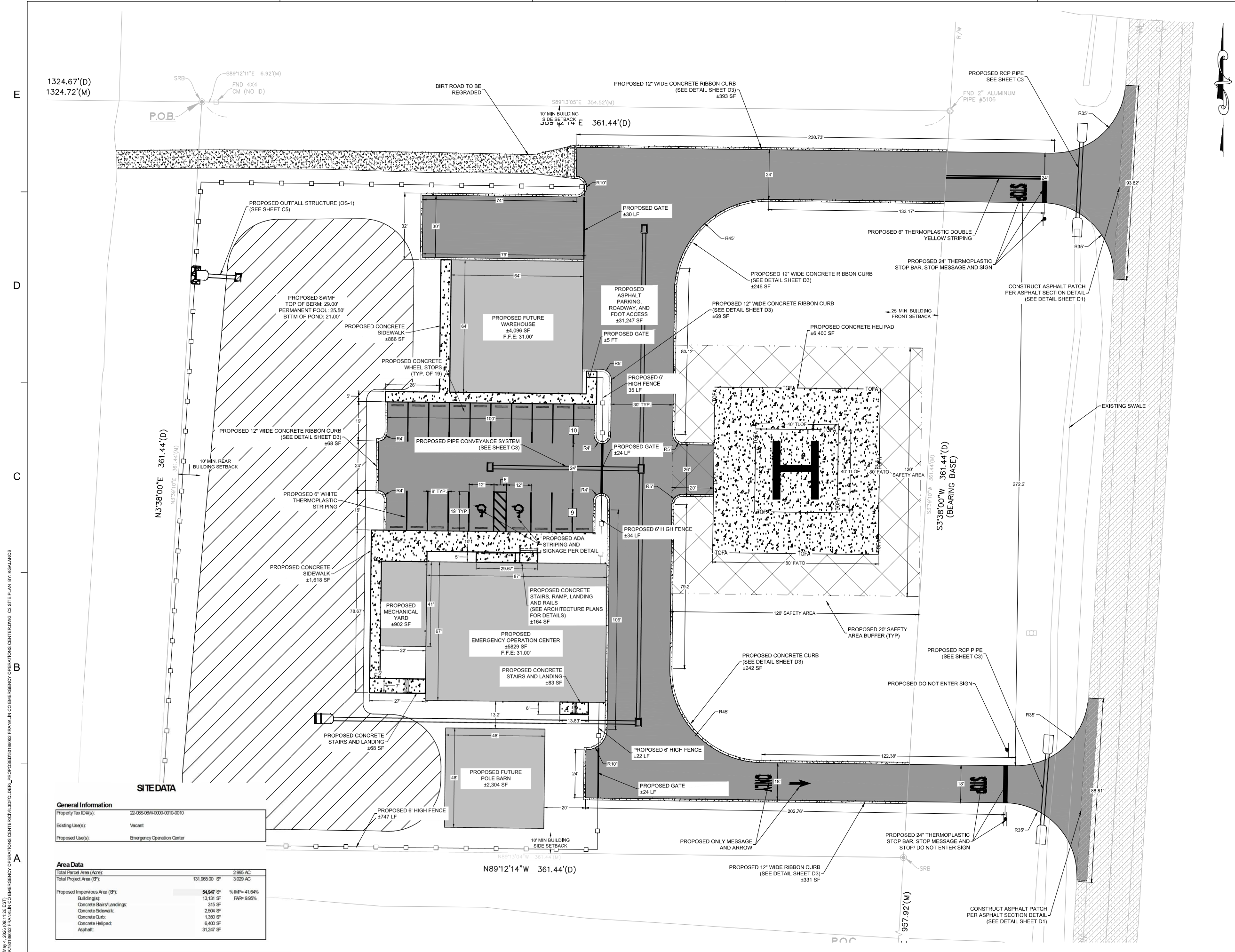
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SITE PLAN

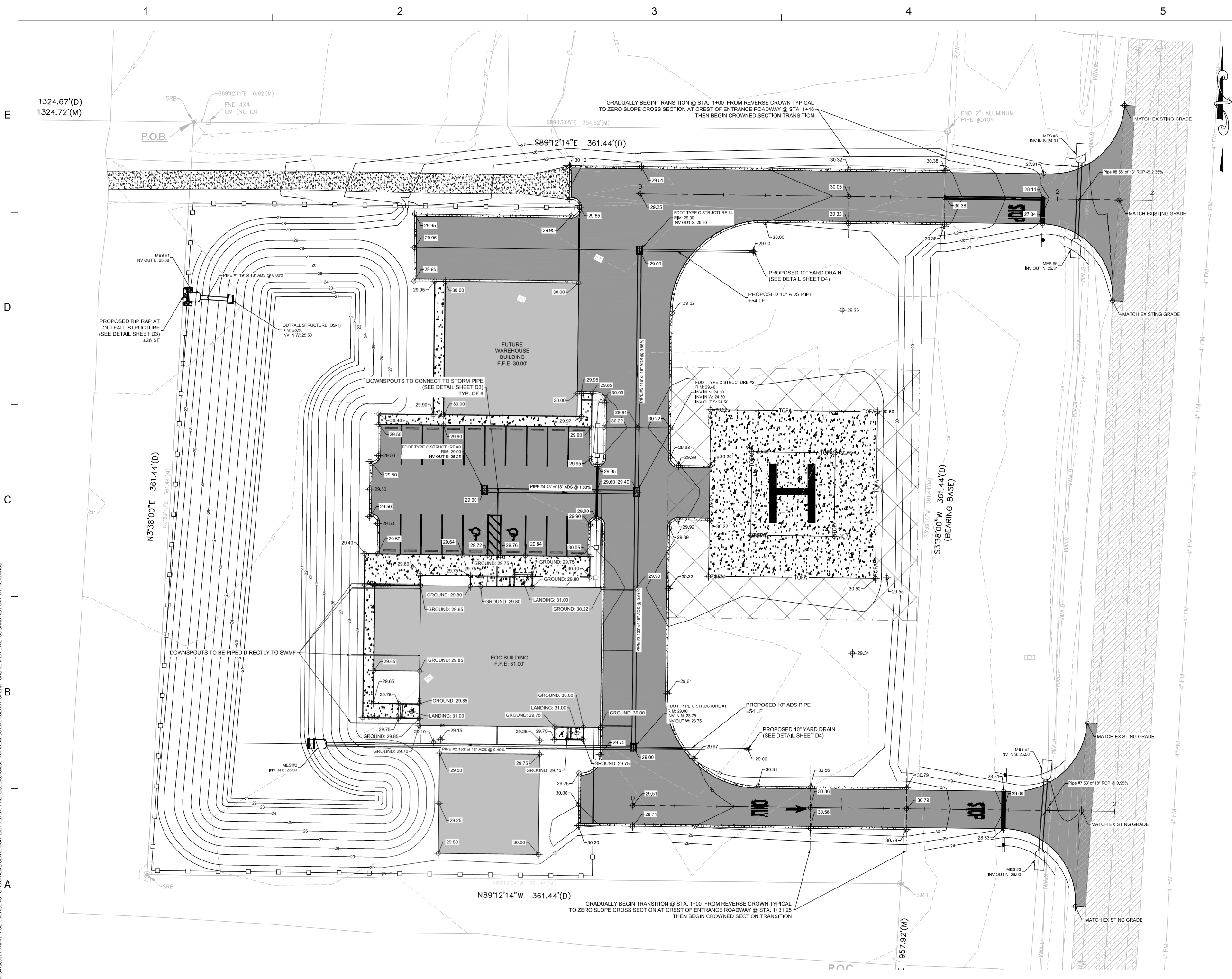
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C2

SHEET NO.



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EASTPOINT
FRANKLIN COUNTY

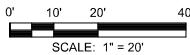
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FOR CONSTRUCTION

SCALE



REVISIONS

NO.	DESCRIPTION	DATE

NO.	DESCRIPTION	DATE

TITLE

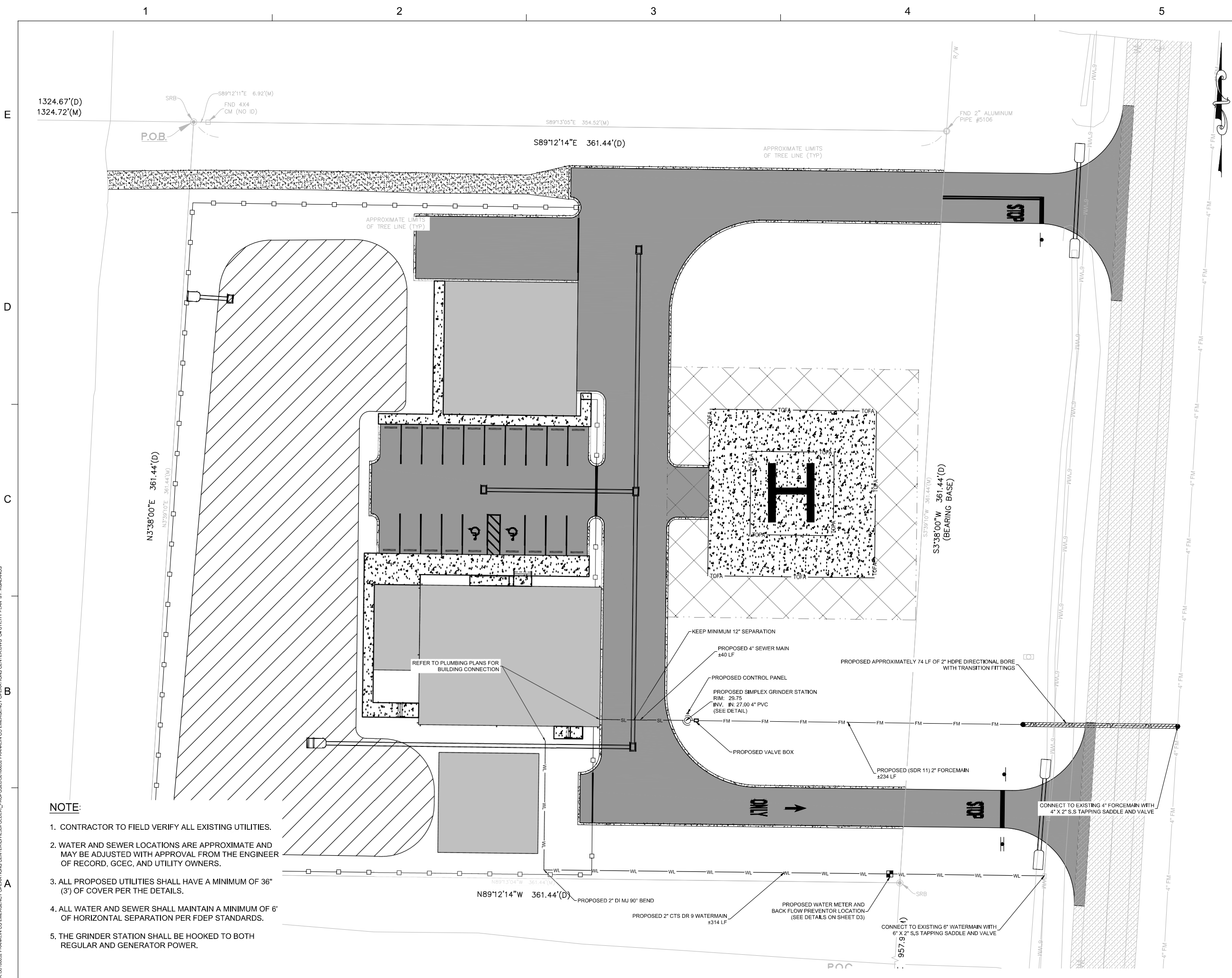
GRADING PLAN

PROJECT NO. 50186052

C3

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EMERGENCY OPERATIONS CENTER
EASTPOINT
FRANKLIN COUNTY

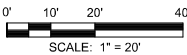
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JOSHUA BRYAN BAXLEY, P.E. 67529
EB 0008794

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FOR CONSTRUCTION

SCALE



REVISIONS

NO.	DESCRIPTION	DATE

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CHECKED BY _____ JBB
DATE _____ MAY 2026

TITLE

UTILITY PLAN

PROJECT NO. 50186052

C4

SHEET NO.

FRANKLIN COUNTY
EMERGENCY OPERATIONS CENTER
EASTPOINT
FRANKLIN COUNTY

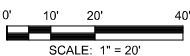
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EB 0008794

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REVISIONS

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NO	DESCRIPTION	DATE
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CHECKED BY JBB

DATE MAY 2026

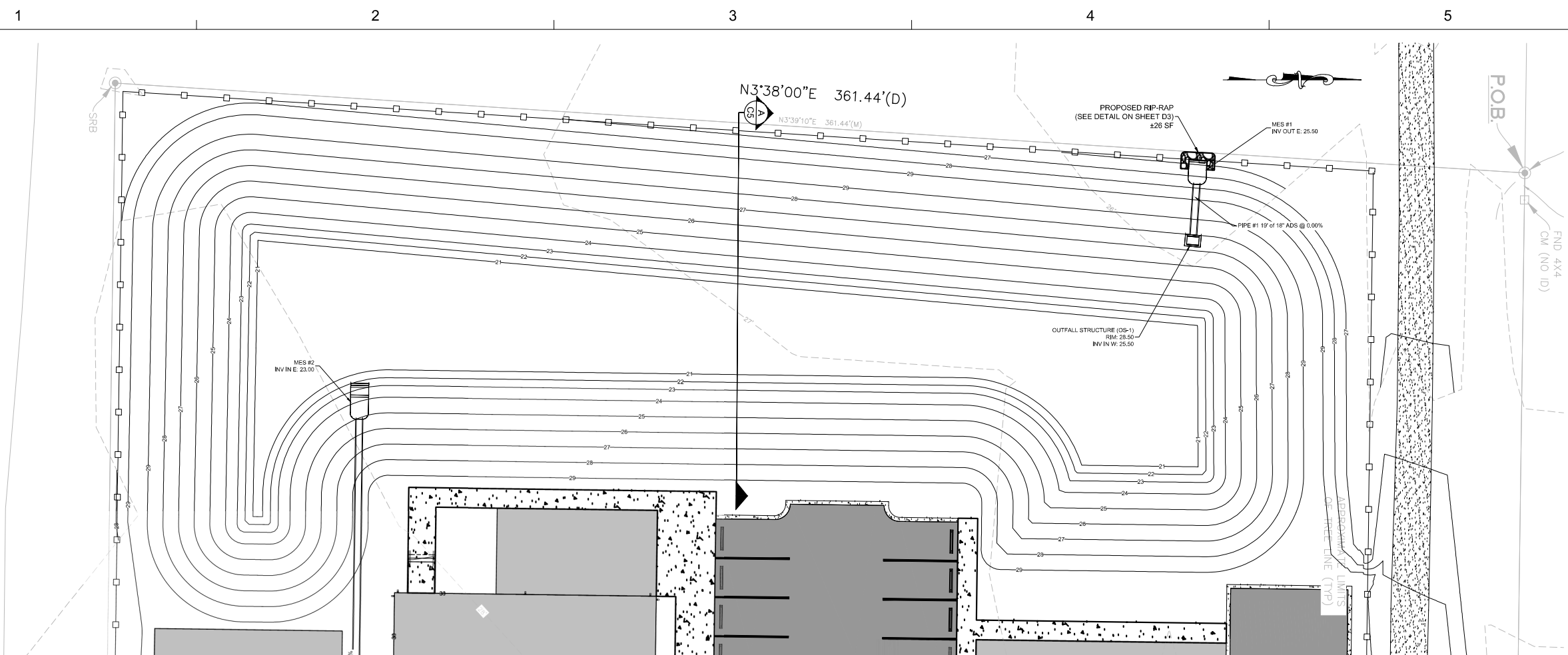
TITLE

STORMWATER DETAILS

PROJECT NO. 50186052

C5

SHEET NO.



STORMWATER OPERATION/MAINTENANCE PLAN
OPERATION AND MAINTENANCE ENTITY IS FRANKLIN COUNTY BOCC

AFTER EACH RAINFALL EVENT

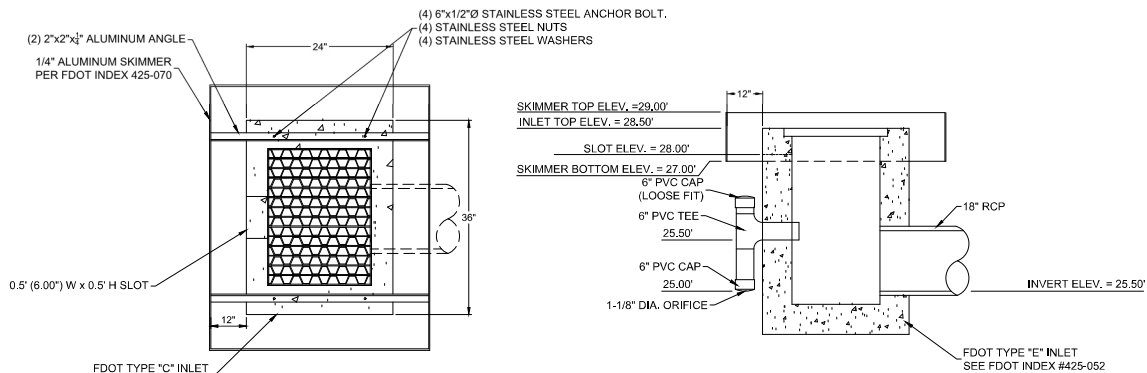
1. PAVEMENT AREAS: CLEAN/SWEEP DEBRIS AND DIRT FROM PAVEMENT AREAS.
2. SEDIMENTS IN RETENTION/DETENTION AREAS: REMOVED IMMEDIATELY.
3. DEBRIS IN RETENTION/DETENTION AREAS: ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED IMMEDIATELY.
4. YARD INLETS, CATCH BASINS, ETC.: ALL DEBRIS AND FOREIGN MATERIALS SHALL BE REMOVED IMMEDIATELY.

PERIODIC POND/SYSTEM MAINTENANCE

1. CLEANING/SWEEPING PAVEMENT AREAS SHALL BE ACCOMPLISHED WEEKLY OR AS REQUIRED.
2. INSPECT POOT PERIODICALLY FOR ACCUMULATION OF TRASH AND DEBRIS AND REMOVE IT UPON DISCOVERY.
3. MOWING AND LANDSCAPING MAINTENANCE SHOULD BE DONE ON A MONTHLY BASIS DURING THE ACTIVE GROWING SEASON FOR THE AREA. INSPECT AND MAINTAIN AS REQUIRED DURING THE GROWING SEASON.
4. WEEDS OR UNDESIRABLE PLANTS SHALL BE REMOVED UPON DISCOVERY.
5. CATCH BASINS SHALL BE FLUSHED AS NECESSARY (IF ANY).
6. THE OWNER SHALL RE-GRADE AND RE-STABILIZE SWALE/RETENTION/DIVERSION AREAS AS REQUIRED TO MAINTAIN THE APPROVED DESIGN, CROSS-SECTION, LINE, AND GRADE. RE-GRADING SHALL BE DONE WHEN A CUMULATIVE EROSION REACHES FOUR (4) INCHES. MEASURE ACCUMULATION ONCE A YEAR.

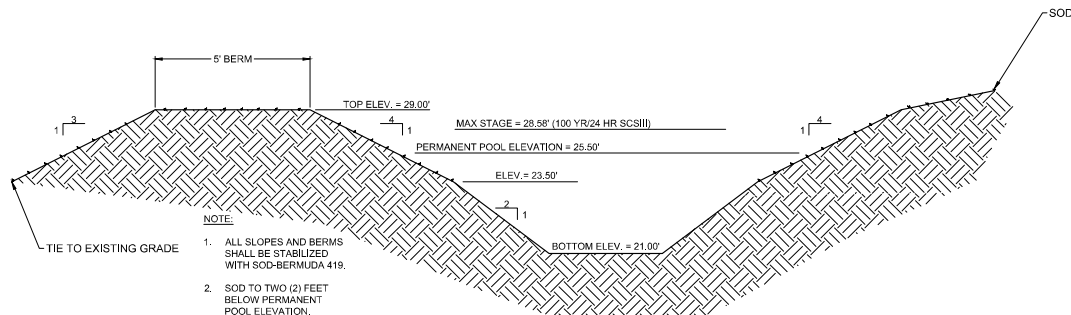
INSPECTIONS

1. A MAINTENANCE INSPECTION MUST BE PERFORMED EVERY THIRD YEAR BY A REGISTERED PROFESSIONAL.
2. THE MAINTENANCE INSPECTION MUST BE DOCUMENTED ON THE FDEP AND/OR NWFWM D STANDARD INSPECTION FORM 62-330.311(1).
3. THE INSPECTION MUST BE SIGNED, SEALED, AND DATED BY THE REGISTERED PROFESSIONAL.
4. THE INSPECTION MUST BE CONDUCTED USING THE PLANS, CALCULATIONS AND SPECIFICATIONS APPROVED BY THE FDEP AND/OR NWFWM D.



DETAIL TYPE C CONCRETE DISCHARGE STRUCTURE (OS-1)

SCALE: N.T.S.



TYPICAL POND SECTION A

SCALE: N.T.S.

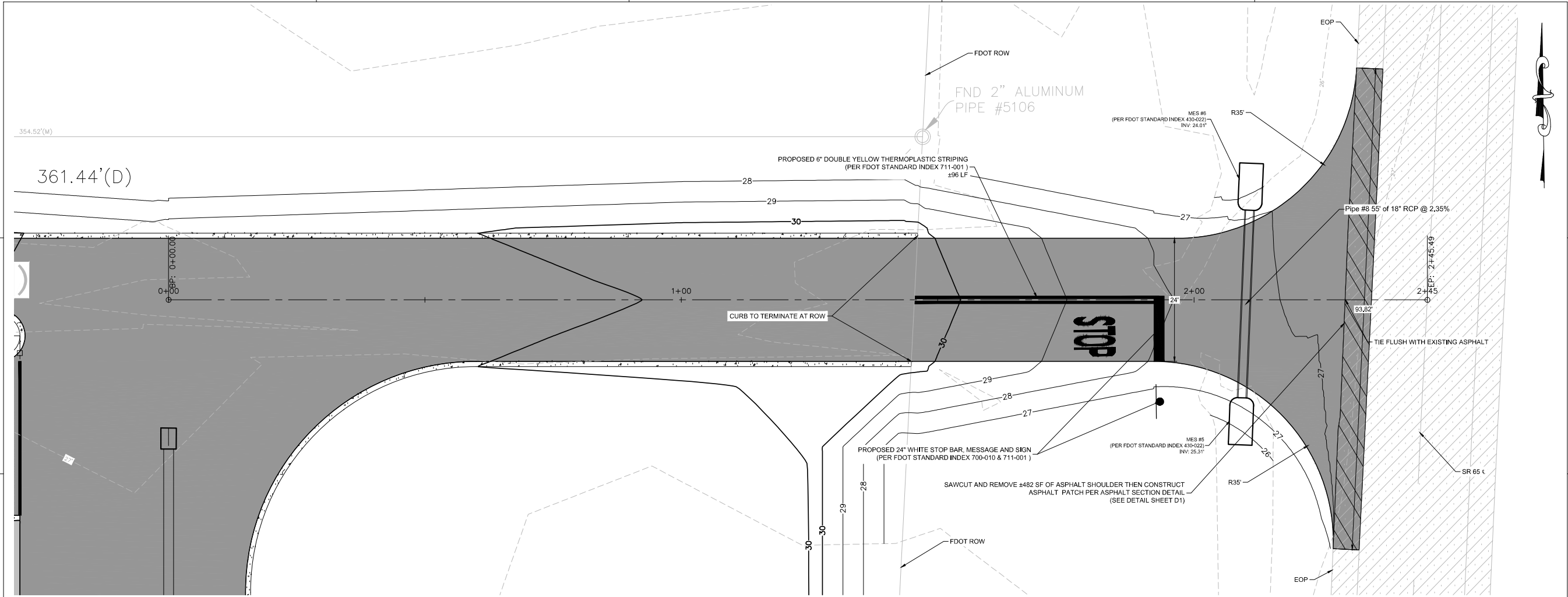
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C:\Users\jrbaxley\OneDrive\Documents\Projects\Franklin County\Emergency Operations Center\150186052 Franklin CO
Emergency Operations Center - 150186052 Franklin CO - PLAN-PROFILING.DWG

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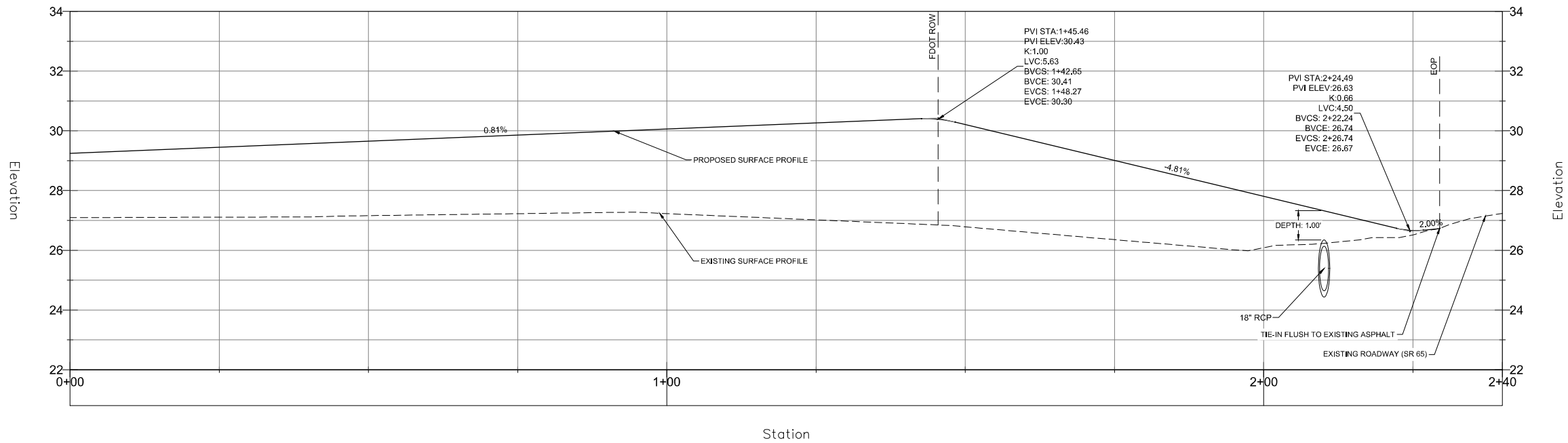
D

C

B



NORTH FDOT ACCESS PROFILE



324 Marina Drive
Port St. Joe, FL 32456
850.227.7200

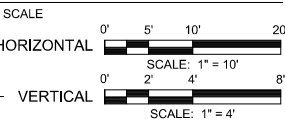
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EB 0008794

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FOR CONSTRUCTION



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APPROVED BY: JBB
CHECKED BY: JBB
DATE: MAY 2026

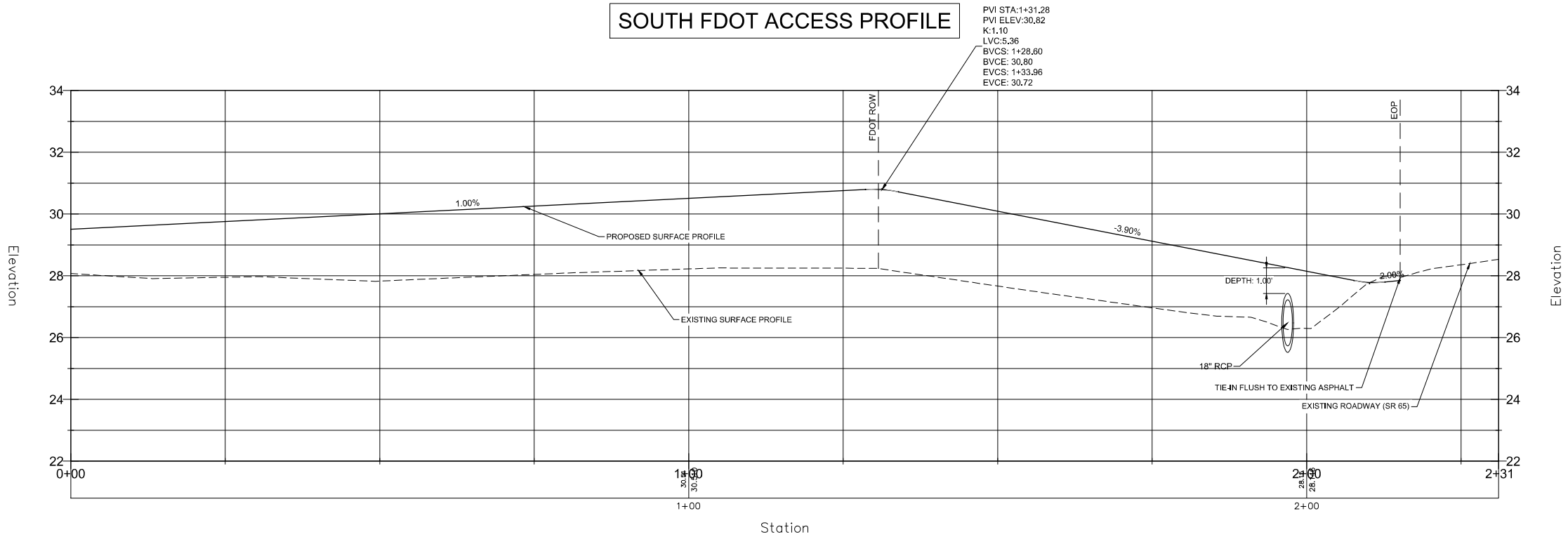
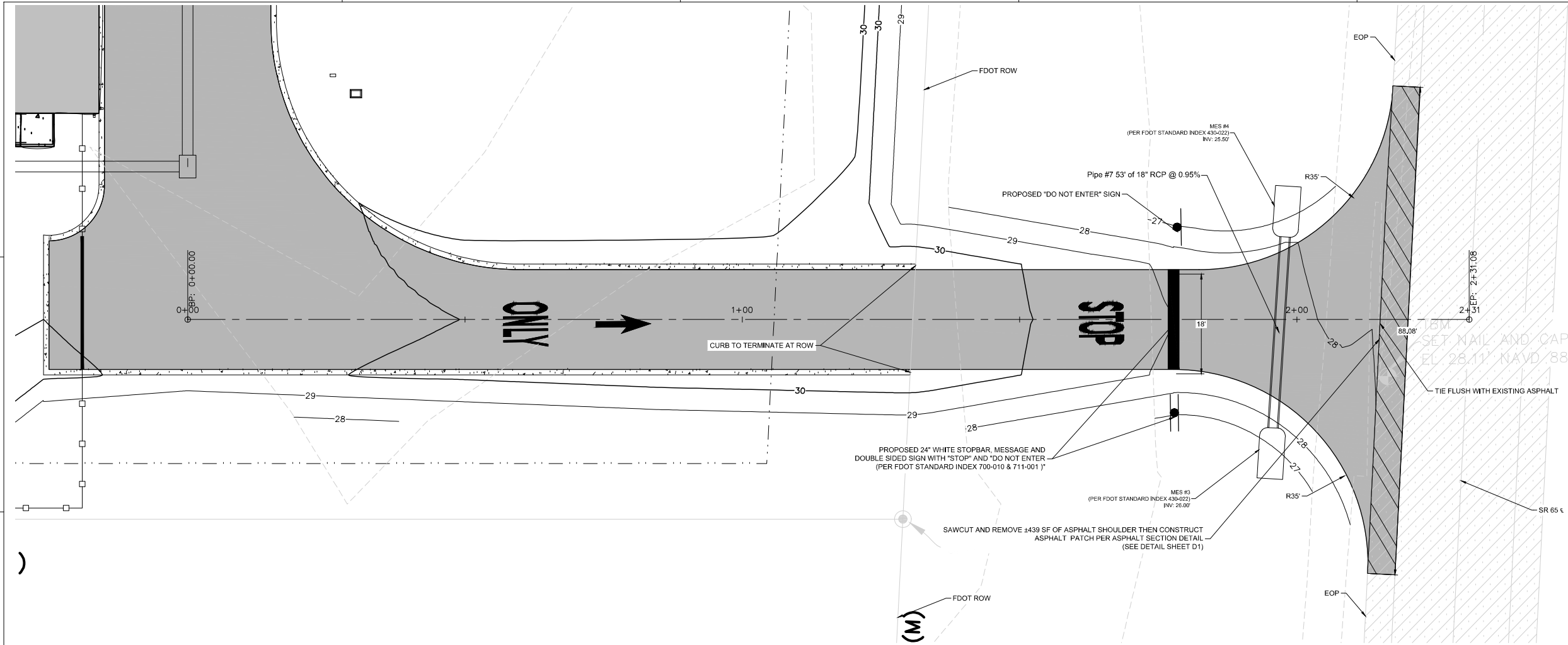
TITLE
FDOT NORTH
ACCESS PLAN &
PROFILE

PROJECT NO. 50186052

C6

SHEET NO.

5/4/2026 9:12:29 AM
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EMERGENCY OPERATIONS CENTER - PLAN\PROF.DWG



324 Marina Drive
Port St. Joe, FL 32456
850.227.7200

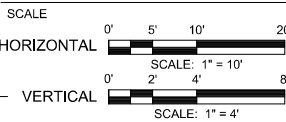
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DATE _____ MAY 2026

TITLE

**FDOT SOUTH
ACCESS PLAN &
PROFILE**

PROJECT NO. 50186052

C7

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324 Marina Drive
Port St. Joe, FL 32456
850.227.7200

FRANKLIN COUNTY
EMERGENCY OPERATIONS CENTER
EASTPOINT
FRANKLIN COUNTY

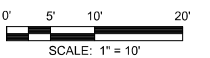
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CLIFFORD D. WILSON III, P.E. 70971
EB 0008794

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FOR CONSTRUCTION

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DATE MAY 2026

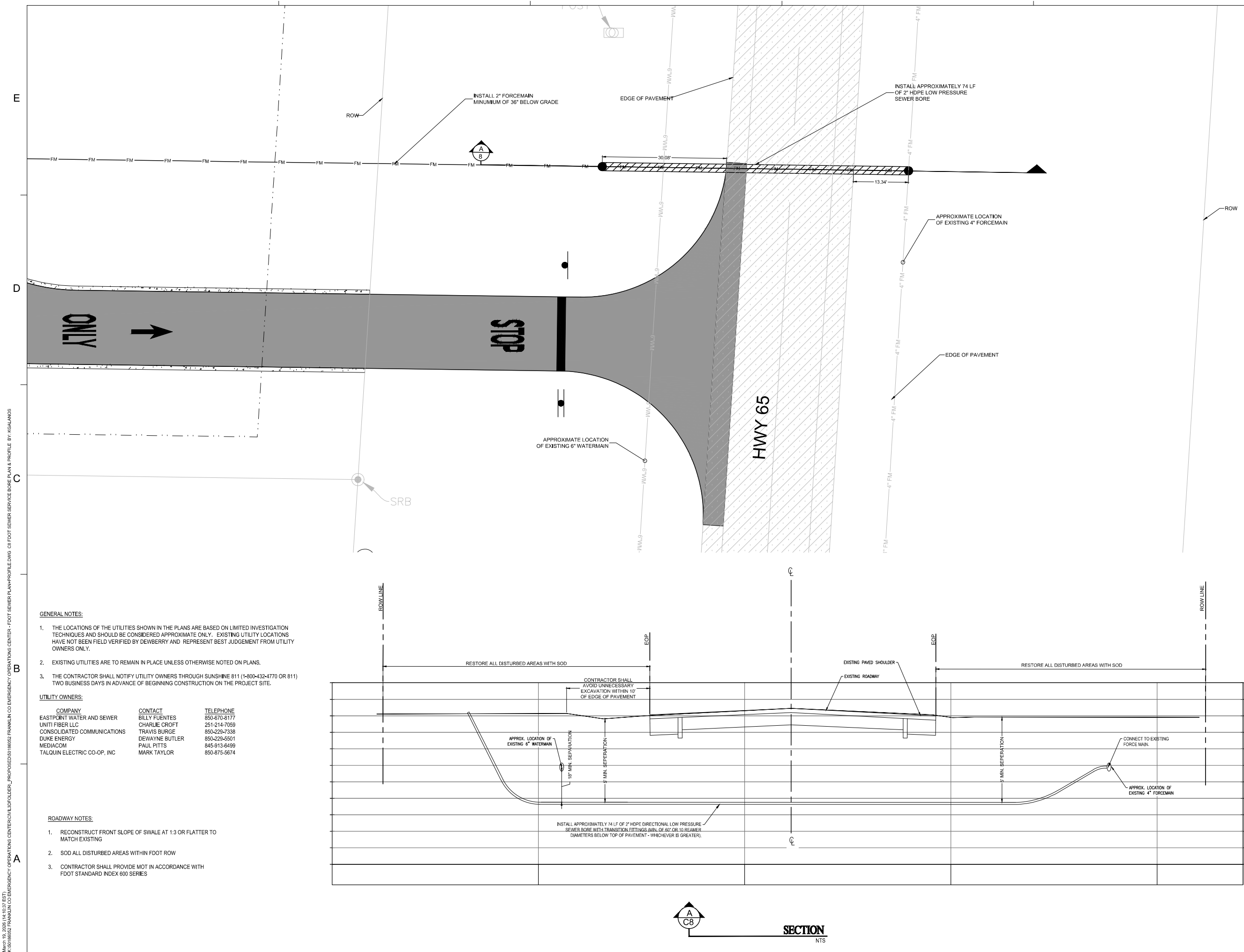
TITLE

FDOT SEWER SERVICE BORE PLAN & PROFILE

PROJECT NO.	50186052
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C8

SHEET NO.



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K:\50186052 FRANKLIN CO EMERGENCY OPERATIONS CENTER\DWG\50186052 FRANKLIN CO EMERGENCY OPERATIONS CENTER.DWG 03 HELIPAD APPROACH-DEPARTURE PLAN & PROFILE BY: IGSLANOS

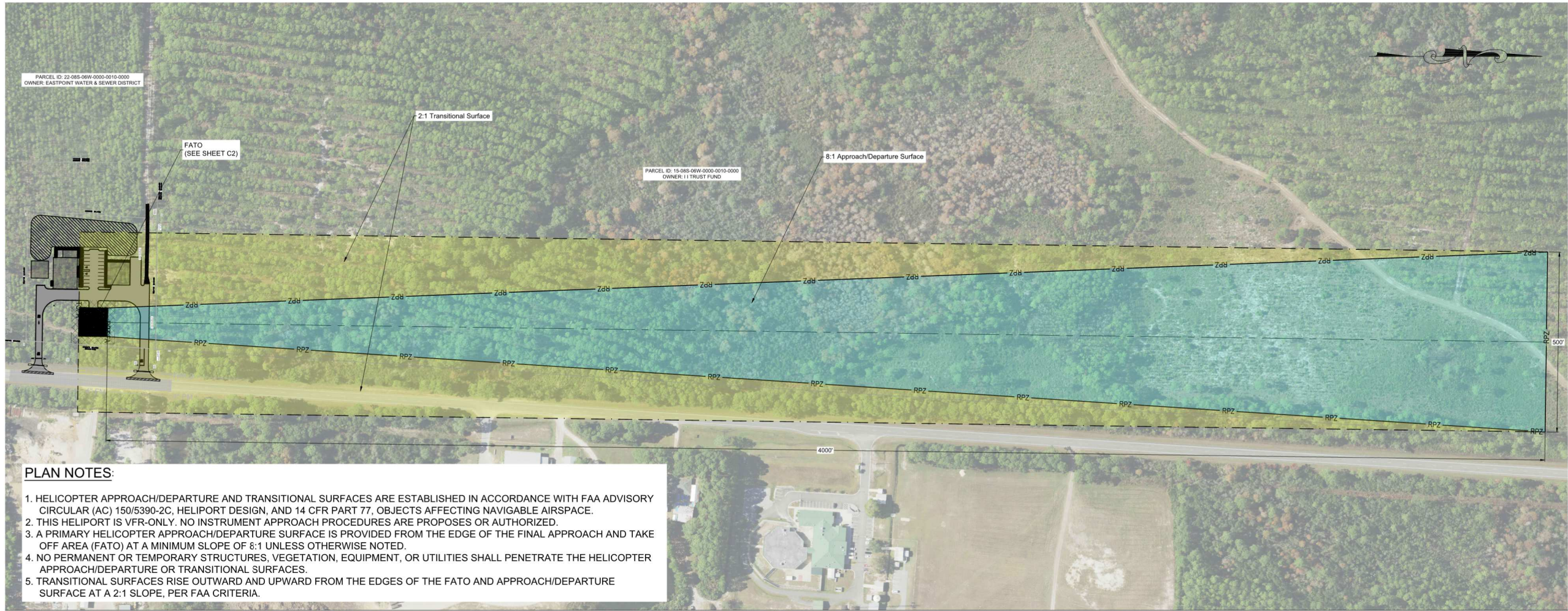
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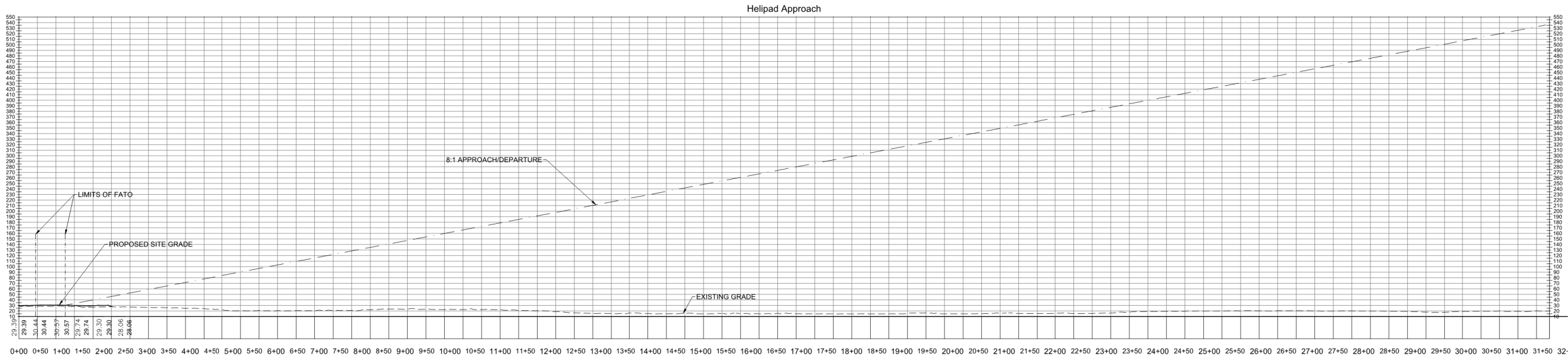
B

A



PLAN NOTES:

1. HELICOPTER APPROACH/DEPARTURE AND TRANSITIONAL SURFACES ARE ESTABLISHED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5390-2C, HELIPORT DESIGN, AND 14 CFR PART 77, OBJECTS AFFECTING NAVIGABLE AIRSPACE.
2. THIS HELIPORT IS VFR-ONLY. NO INSTRUMENT APPROACH PROCEDURES ARE PROPOSED OR AUTHORIZED.
3. A PRIMARY HELICOPTER APPROACH/DEPARTURE SURFACE IS PROVIDED FROM THE EDGE OF THE FINAL APPROACH AND TAKE OFF AREA (FATO) AT A MINIMUM SLOPE OF 8:1 UNLESS OTHERWISE NOTED.
4. NO PERMANENT OR TEMPORARY STRUCTURES, VEGETATION, EQUIPMENT, OR UTILITIES SHALL PENETRATE THE HELICOPTER APPROACH/DEPARTURE OR TRANSITIONAL SURFACES.
5. TRANSITIONAL SURFACES RISE OUTWARD AND UPWARD FROM THE EDGES OF THE FATO AND APPROACH/DEPARTURE SURFACE AT A 2:1 SLOPE, PER FAA CRITERIA.



PROFILE NOTES:

1. THE APPROACH/DEPARTURE SURFACE ORIGINATES AT THE ELEVATION OF THE FATO AND RISES AT A SLOPE OF 8:1 AS DEPICTED IN PROFILE VIEW
2. OBJECTS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE ELEVATIONS SHOWN IN THE PROFILE, AS MEASURED FROM THE FATO ELEVATION.
3. EXISTING GROUND ELEVATIONS SHOWN IN PROFILE ARE FOR REFERENCE ONLY AND DO NOT RELIEVE THE REQUIREMENTS TO MAINTAIN FAA REQUIRED OBSTRUCTION CLEARANCE.



324 Marina Drive
Port St. Joe, FL 32456
850.227.7200

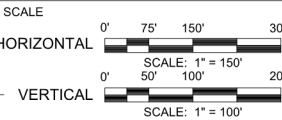
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DATE _____ MAY 2026

TITLE

HELIPAD APPROACH-DEPARTURE PLAN & PROFILE

PROJECT NO. 50186052

C9

SHEET NO.

FRANKLIN COUNTY
EMERGENCY OPERATIONS CENTER
EASTPOINT
FRANKLIN COUNTY

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SCALE

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NO.	DESCRIPTION	DATE
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APPROVED BY		JBB
CHECKED BY		JBB
DATE		MAY 2026

TITLE

DETAILS

PROJECT NO. 50186052

D1

SHEET NO.

Other Pipe	Horizontal Separation	Crossings (1)	Joint Spacing @ Crossings (Full Joint Centered)
Storm Sewer, Stormwater Force Main, Reclaimed Water (2)	Water Main 3 feet minimum	Water Main 12 inches is the minimum, except for storm sewer, then 6 inches is minimum and 12 inches is preferred.	Alternate 3 ft. minimum Water Main
Vacuum Sanitary Sewer	Water Main 10 feet preferred 3 feet minimum	Water Main 12 inches is preferred 6 inches minimum.	Alternate 3 ft. minimum Water Main
Gravity or Pressure Sanitary Sewer, Sanitary Sewer Force Main, Reclaimed Water (4)	Water Main 10 feet preferred 6 feet minimum (3)	Water Main 12 inches is the minimum, except for storm sewer, then 6 inches is minimum and 12 inches is preferred.	Alternate 6 ft. minimum Water Main
On-Site Sewage Treatment & Disposal System	10 feet minimum	----	----

- (1) Water main should cross above other pipe. When water main must be below other pipe, the minimum separation is 12 inches.
- (2) Reclaimed water regulated under Part III of Chapter 62-610, F.A.C.
- (3) 3 ft. for gravity sanitary sewer where the bottom of the water main is laid at least 6 inches above the top of the gravity sanitary sewer.
- (4) Reclaimed water not regulated in Part III of Chapter 62-610, F.A.C.

SCALE: N.T.S

- 1.) ALL WATER MAINS SHALL BE INSTALLED ACCORDING TO ENGINEERING PLANS AND COUNTY/CITY SPECIFICATIONS.
- 2.) WATER MAIN SHALL BE INSTALLED ON NORTH OR EAST ROAD CENTERLINE AT A DISTANCE TO INSURE A MINIMUM OF 4' FROM EDGE OF PAVEMENT OR IN ACCORDANCE WITH COUNTY AND STATE RECOMMENDED GUIDELINES FOR UTILITY PLACEMENT.
- 3.) ALL PAVEMENT SHALL BE CUT AND PATCHED IN ACCORDANCE WITH COUNTY AND STATE SPECIFICATIONS.
- 4.) ALL VALVES AND MATERIALS SHALL COMPLY WITH AWWA (AMERICAN WATER WORKS ASSOCIATION) STANDARDS.
- 5.) MATERIALS APPROVED FOR WATER MAIN CONSTRUCTION INCLUDES:
A. PVC CLASS 900 R/O 18"
B. E. THRU 18" (AWWA STANDARD, CLASS 22 (AWWA C-601), DUCTILE IRON, CLASS 50 (AWWA C-151).
- 6.) ALL MAIN LINE VALVES SHALL BE RESILIENT SEATED GATE VALVES.
- 7.) SERVICE TAPS SHALL NOT BE LESS THAN 7/8" (OPENING CUT) IN SADDLE CLAMP.
- 8.) WATER SERVICE TUBING SHALL BE TYPE K COPPER TUBING AND COMPLY WITH ASTM-B88-55, RATE AT 160 P.S.I.
- 9.) FLUSH PIPE DISCHARGE SHALL BE OPPOSITE DIRECTION OF VALVE AND PIPE SHALL EXTEND 20' TO 30' ABOVE GROUND LEVEL.
- 10.) MAINS SHALL HAVE A MINIMUM OF 36" COVER. IN DITCH BOTTOMS SERVICE LINES SHALL HAVE A MINIMUM OF 30" OF COVER.
- 11.) ALL WATER MAINS AND SERVICE LINES SHALL HAVE 12 GAUGE, THIN INSULATED, SPLIT COPPER COILS COILED AROUND ALL WATER MAINS AND SERVICE LINES. ALL WIRE SHALL BE JOINED BY A COMMON BOND USING "BUTT SPLICE" WHERE A SERVICE WIRE IS BEING BONDED TO A MAIN WIRE, THE BOND (CONNECTION) SHALL BE MADE WITH A "BUTT SPLICE" IN THE EVENT THE "BUTT SPLICE" IS NOT AVAILABLE, THE BOND SHALL BE MADE BY TIGHTLY WRAPPING THE SERVICE LINE WIRE TO THE MAIN WIRE WITH A MINIMUM OF TEN WRAPS. WIRE SPLICES SHALL BE MADE WITH SCOTCH TAPE #2 SEAL NO. 2200 ELECTRICAL INSULATING PAD WITH VINYL BACKING. THE SERVICE LINE WIRE SHALL EXTEND 12" INTO THE METER BOX.
- 12.) "AS BUILT" PLANS "SHALL INDICATE LOCATIONS OF ALL SERVICES WITH RESPECT TO LOT CORNERS, LOCATIONS AND TYPES OF ALL FITTINGS, LINES AND ALL VALVES AND SERVICE LINES. ALL RUNS WITH THREE (3) PHYSICAL FEATURES (LOT CORNERS, TREES, ETC.).
- 13.) ALL STUB-OUTS SHALL HAVE WATER EMS MARKERS INSTALLED 18" BELOW GROUND LEVEL.
- 14.) ALL MAINS AND SERVICE LINES SHALL BE PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH AWWA C-601 UNDER SUPERVISION OF TEC INSPECTORS.
- 15.) COMPACTING REQUIREMENTS: REFERENCE COUNTY, AND STATE SPECIFICATIONS.
- 16.) ALL SERVICES SHALL BE INSTALLED IN THE APPROXIMATE CENTER OF EACH LOT.
- 17.) ALL PIPE IN WATER DISTRIBUTION SYSTEMS SHALL BE N.S.F. APPROVED FOR POTABLE WATER USE.
- 18.) THE TWO INCH STAND PIPE SHALL BE THE #777 MANGUARD HYDRANT BY KUFERLE FOUNDRY.
- 19.) ALL OF PLANS WITH TALQUIN STAMP OF APPROVAL SHALL BE LOCATED ON JOB SITE DURING CONSTRUCTION.
- 20.) ALL CONSTRUCTION STAKING SHALL BE DONE AT CONTRACTORS EXPENSE.
- 21.) BEFORE ANY CONSTRUCTION BEGINS "SHOP DRAWINGS" SHALL BE APPROVED BY TEC.
- 22.) CONSTRUCTION OF PIPE ALONG AN ARC SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S INSTALLATION GUIDELINES. THE PIPE SHALL BE CURVED UNIFORM THROUGHOUT ITS LENGTH AND NO JOINT DEFLECTION WILL BE ALLOWED. THE MAXIMUM PIPE RADIUS SHALL ON J-M BLUE BRUTE AND RING TIE PIPE SHALL BE AS FOLLOWS:

12"	- 300 FEET
10"	- 250 FEET
8"	- 200 FEET
6"	- 150 FEET
4"	- 100 FEET
2"	- 25 FEET
- 23.) FOR FURTHER DETAILS SEE TEC SPECIFICATIONS.

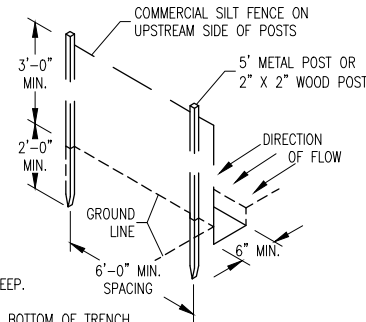
A. BACKFILL PLACED IN TRENCHES WHICH ARE UNDER THE PAVEMENT, OR WITHIN 4 FEET OF THE EDGE OF PAVING OR WITHIN 2 FEET OF THE BACK OF THE CURBLINES OR WITHIN 2:1 SLOPE OF THESE LIMITS, SHALL EACH BE COMPACTED IN ACCORDANCE WITH THE FOLLOWING:

1. ROADWAY BASE AND SUB-BASE TO 95% AASHTO T-180 (MODIFIED PROCTOR)
2. DEPTH BELOW SUBGRADE:
- | | |
|----------|-----------------------------------|
| 0 - 3' | 100% AASHTO T-99 STANDARD PROCTOR |
| 3' - 10' | 98% AASHTO T-99 STANDARD PROCTOR |
| 10' + | 95% AASHTO T-99 STANDARD PROCTOR |
- B. THE ENTIRE DEPTH OF BACKFILL PLACED IN TRENCHES THAT ARE OUTSIDE THE AREAS DESCRIBED IN THE ABOVE SCHEDULE MAY BE COMPACTED TO A DENSITY WHICH MATCHES THAT OF UNDISTURBED MATERIALS LOCATED IN IMMEDIATELY ADJACENT AREAS.

TESTING

	TEST	STANDARD	FREQUENCY
A.	PROCTOR LAB DENSITY	AASHTO T-99,T-180, ASTM D 698, ASTM D 1557	ONE PER MATERIAL TYPE
B.	DENSITY (INSITU) ALONG PIPELINE	ASTM D2922 ASTM D1556	ONE PER EVERY 12-INCH DEPTH AND 400 LF OF PIPELINE OR BETWEEN STRUCTURES
C.	DENSITY (INSITU) AT SERVICES	ASTM D2922 ASTM D1556	1 FOR EACH 12" DEPTH OF EACH SERVICE
D.	DENSITY (INSITU) AROUND	ASTM D2922 ASTM D1556	1' FOR EACH 12" DEPTH OF STRUCTURE

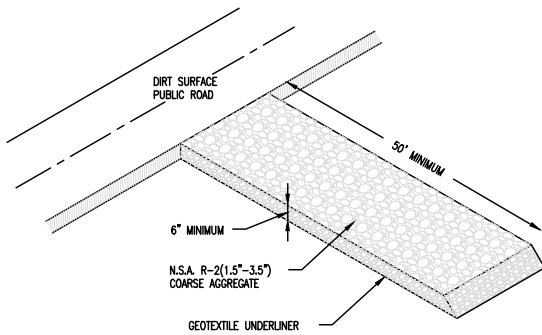
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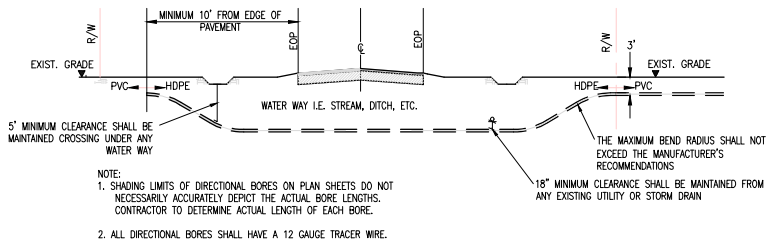
NOTES

1. DIG TRENCH 6" DEEP.
2. LAY IN FABRIC TO BOTTOM OF TRENCH
3. BACK TRENCH, COVERING FABRIC.

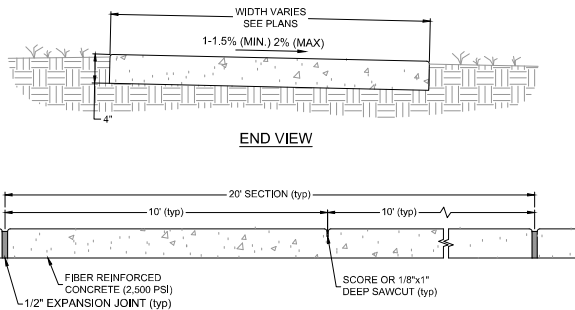
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N.T.S.



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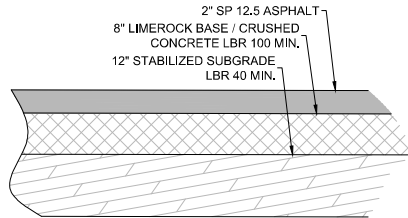


NOTES:

1. SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATION SECTION 522.
2. DETECTABLE WARNINGS SHALL CONFORM TO THE REQUIREMENTS IN FDOT INDEX NO. 304.
3. FOR TURNOUTS SEE FDOT INDEX NO. 515
4. CONSTRUCT SIDEWALKS WITH A 1'-0" THICK EDGE BEAM THROUGH THE LIMITS OF ANY SURFACE MOUNTED PEDESTRIAN/BICYCLE PICKET RAILING OR PIPE GUIDERAIL SHOWN IN PLANS.
5. WHEN DRIVEWAYS ARE NEWLY CONSTRUCTED, RECONSTRUCTED, OR ALTERED, CROSS SLOPES FOR DISCONTINUOUS SIDEWALKS SHALL NOT EXCEED 2%.

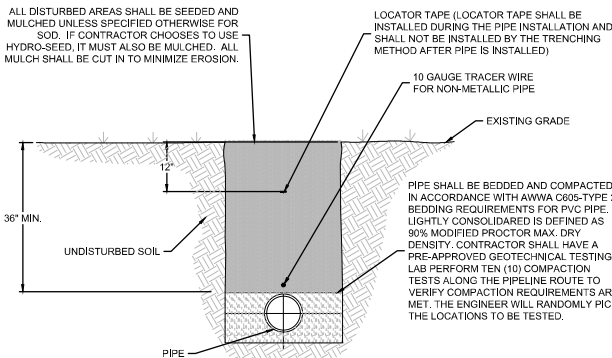
DETAIL CONCRETE SIDEWALK

SCALE: N.T.S.



DETAIL ASPHALT SECTION

SCALE: N.T.S



NOTES

1. NO TRASH, RUBBISH, ROCK OR DEBRIS WILL BE ALLOWED IN TRENCHES.
2. ALL PIPE SHALL BE INSTALLED IN DRY TRENCHES.
3. CONTRACTOR MAY BE REQUIRED BY THE ENGINEER TO DE-WATER PIPE TRENCH, IF NECESSARY.
4. AT THE ENGINEERS DISCRETION, THE CONTRACTOR SHALL SUBSTITUTE SELECT BACKFILL IN LIEU OF NATIVE SOILS FOR A UNIT PRICE SPECIFIED IN THE CONTRACTOR'S BID FORM.
5. THE CONTRACTOR WILL BE COMPENSATED FOR SELECT BACKFILL ONLY IF DIRECTED BY THE ENGINEER IN WRITING. THE ENGINEER MAY ISSUE A FIELD ORDER WITH WRITTEN CONFIRMATION WITHIN 24 HOURS.

TYPICAL PRESSURE PIPE BEDDING DETAIL

NTS

FRANKLIN COUNTY
EMERGENCY OPERATIONS CENTER
EASTPOINT
FRANKLIN COUNTY

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EB 0008794

100% PLAN SET
FOR CONSTRUCTION

SCALE

NO SCALE

REVISIONS

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NO.	DESCRIPTION	DATE
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APPROVED BY		JBB
CHECKED BY		JBB
DATE		MAY 2026

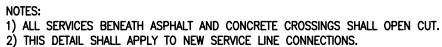
TITLE

DETAILS

PROJECT NO. 50186052

D3

SHEET NO.



DETAIL 2" SERVICE LINE SETTING

SCALE: N.T.S.



DETAIL 6' CHAINLINK FENCE
SCALE: N.T.S.

SCALE: N.T.

May 4, 2026 10:51:28 EST
K:\5018602 FRANKLIN CO EMERGENCY OPERATIONS CENTER\10518602 FRANKLIN CO EMERGENCY OPERATIONS CENTER.DWG BY: KJALANOS

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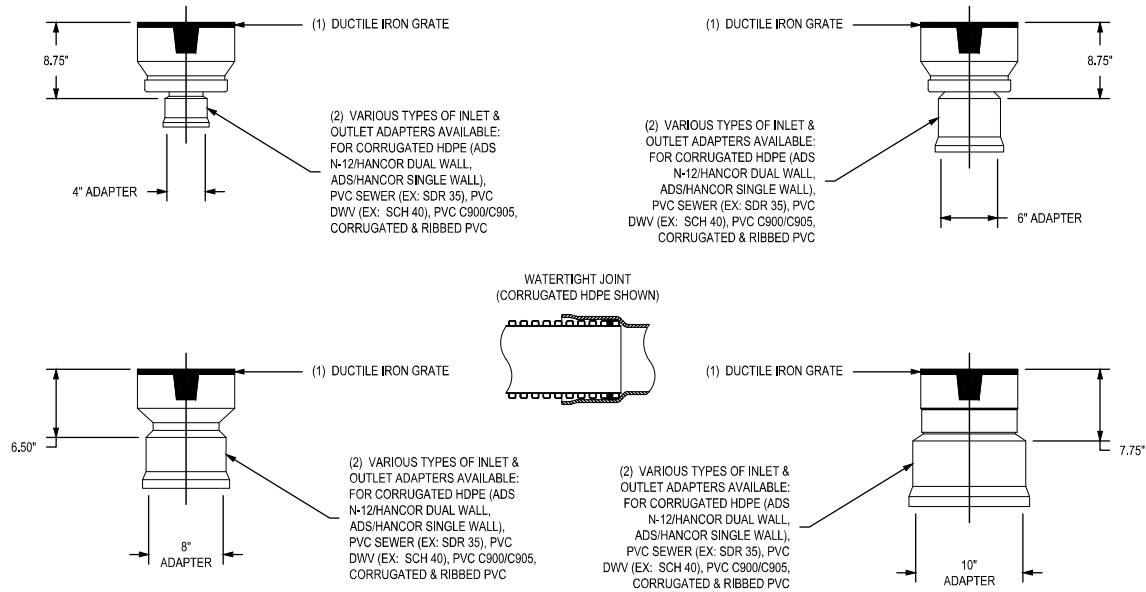
D

C

B

A

NYLOPLAST 10" INLINE DRAIN: 2710AG __ X



GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
STANDARD	LIGHT DUTY	1099CGS	7001-110-198
SOLID COVER	LIGHT DUTY	1099CGC	7001-110-199
BRONZE	N/A	1099CGB	7001-110-200
DOME	N/A	1099CGD	7001-110-201

- 1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
- 2 - DRAINAGE CONNECTION STUD JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC.
- 3 - DIMENSIONS ARE FOR REFERENCE ONLY.
- 4 - ACTUAL DIMENSIONS MAY VARY.

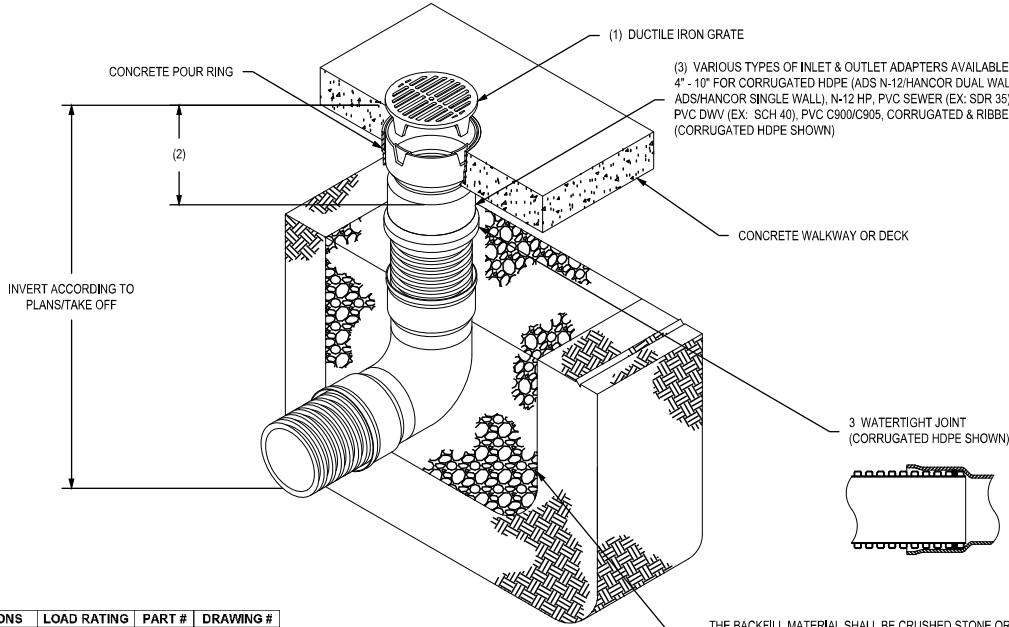
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DRAWN BY	CJA	MATERIAL
DATE	06-25-99	
REVISED BY	CCA	PROJECT NO./NAME
DATE	07-19-13	
DWG SIZE	A	SCALE NTS SHEET 1 OF 1

	3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com
TITLE	
10 IN DESIGN DETAILS	
DWG NO.	7003-110-001
REV	G

NYLOPLAST 10" INLINE DRAIN: 2710AG __ X



GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTRIAN/STANDARD	LIGHT DUTY	1099CGS	7001-110-198
SOLID COVER	LIGHT DUTY	1099CGC	7001-110-199
BRONZE	N/A	1099CGB	7001-110-200
DOME	N/A	1099CGD	7001-110-201

- 1 - GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05 WITH THE EXCEPTION OF THE BRONZE GRATE.
- 2 - FOR COMPLETE DESIGN DETAILS SEE DRAWING NO. 7003-110-001.
- 3 - DRAINAGE CONNECTION STUD JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL) & PVC SEWER.

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DRAWN BY	EBC	MATERIAL
DATE	11-15-06	
REVISED BY	MMH	PROJECT NO./NAME
DATE	03-15-16	
DWG SIZE	A	SCALE 1:16 SHEET 1 OF 1

	3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com
TITLE	
10 IN INLINE DRAIN QUICK SPEC INSTALLATION DETAIL	
DWG NO.	7003-110-034
REV	F



324 Marina Drive
Port St. Joe, FL 32456
850.227.7200

FRANKLIN COUNTY
EMERGENCY OPERATIONS CENTER
EASTPOINT
FRANKLIN COUNTY

SEAL

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSHUA B. BAXLEY, P.E. ON THE DATE NOTED ON THE ELECTRONIC SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

JOSHUA BRYAN BAXLEY, P.E. 67529
EB 0008794

100% PLAN SET
FOR CONSTRUCTION

SCALE

NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE

NO.	DESCRIPTION	DATE

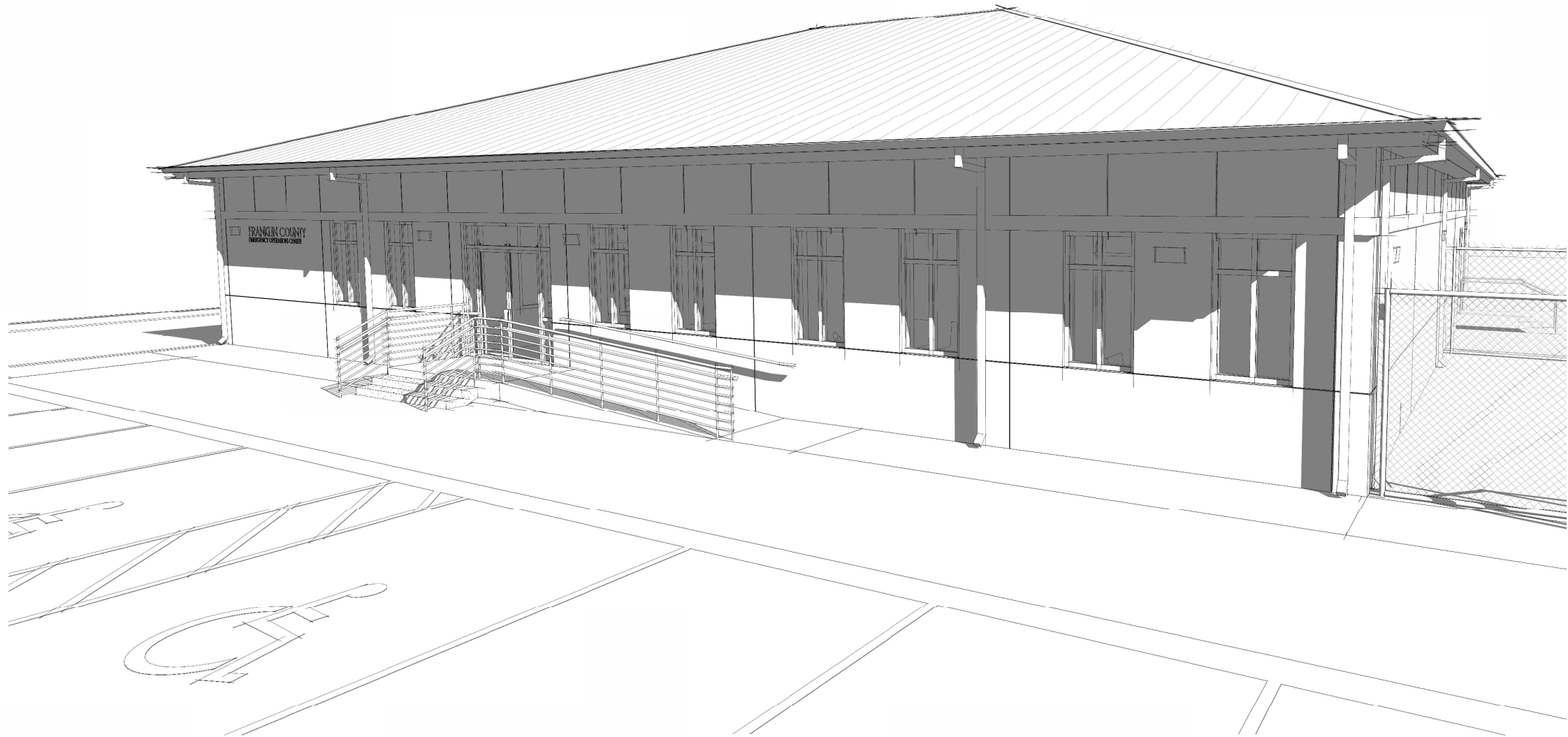
TITLE

DETAILS

PROJECT NO. 50186052

D4

SHEET NO.



FRANKLIN COUNTY EMERGENCY OPERATIONS CENTER

EASTPOINT, FL 32328
FRANKLIN CO. BOARD OF COUNTY COMMISSIONERS
DRAWINGS PREPARED FOR:
DEWBERRY ENGINEERS, INC.
17 APRIL 2026

100% CONSTRUCTION DOCUMENTS



FRANKLIN COUNTY
EMERGENCY
OPERATIONS
CENTER

19001 Drawn By: JM
Project Code Checked By: DS

17 APRIL 2026
Date

100%
CONSTRUCTION
DOCUMENTS

Revisions
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COVER SHEET

PROJECT DIRECTORY

OWNER

MR. NOAH LOCKLEY, CHAIRMAN
FRANKLIN CO. BOARD OF COUNTY COMMISSIONERS
34 FORBES STREET
SUITE 1
APALACHICOLA, FL 32320
(p): 850.653.9783
www.franklincountyflorida.com

ARCHITECT

BARNETT, FRONCZAK, BARLOWE, & SHULER ARCHITECTS
2074 CENTRE POINTE BLVD
SUITE 200
TALLAHASSEE, FL 32308
(p): 850.224.6301
www.bfbsa.com

STRUCTURAL ENGINEER

SOUTHEASTERN CONSULTING ENGINEERS (SCE), INC.
1399 JENKS AVE. | UNIT L
PANAMA CITY, FL 32404
(p): 850.639.3860
www.southeasternce.com/

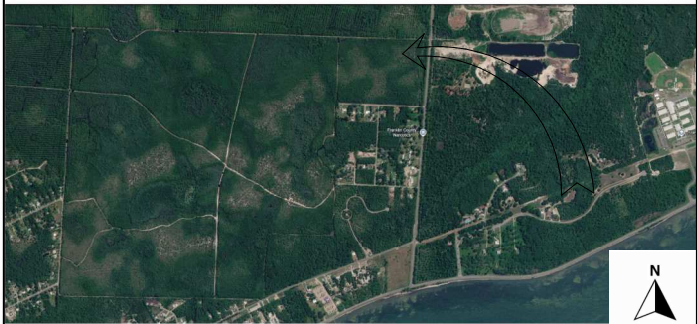
CIVIL ENGINEER

DEWBERRY ENGINEERS, INC.
324 MARINA DRIVE
PORT ST. JOE, FL 32456
(p): 850.227.7200
www.dewberry.com/

MEP ENGINEER

PINNACLE ENGINEERING GROUP, P.A.
2032 THOMASVILLE RD.
SUITE C
TALLAHASSEE, FL 32308
(p): 850.422.1763
www.pinnacleengineering.biz/

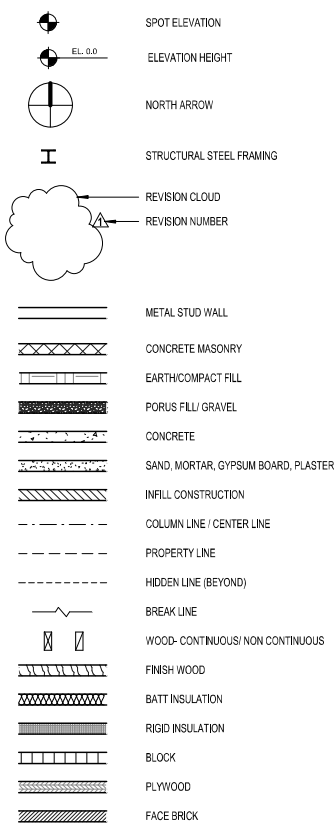
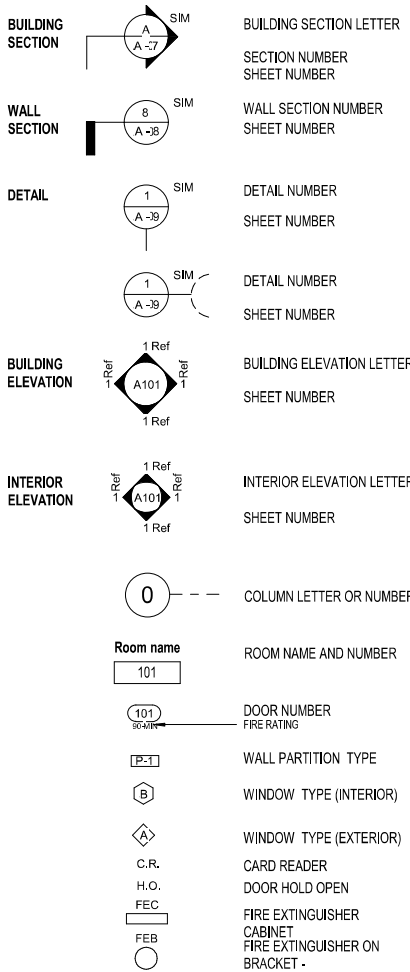
PROJECT LOCATION MAP



Tallahassee Florida

CS-1

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6976



ACC.	AIR CONDITIONED	JCT.	JUNCTION
ACP	ACOUSTICAL PANEL	JT.	JT.
A.C.T.	ACOUSTICAL TILE	M.	MOTOR
A.F.F.	ABOVE FINISH FLOOR	MA.	MAINTENANCE
A.H.U.	AIR HANDLING UNIT	MAX.	MAXIMUM
AJ	ACOUSTICAL JOINT	M.O.P.	MAN DRAINAGE PANEL
ALT.	ALTERNATE	MECH.	MECHANICAL
ALUM.	ALUMINUM	MTL.	METAL
AMP.A	AMPERES	MIN.	MINIMUM
AN	ANNODED	MISC.	MISCELLANEOUS
APPROX.	APPROXIMATELY	MO	MASSORY OPENING
ARCH.	ARCHITECTURAL	MOD.BIT.	MODIFIED BITUMEN
		MR.	MOISTURE RESISTANT
B	BOTTOM	M.T.	METAL THRESHOLD
BD.	BOARD	MTD.	MOUNTED
BLDG.	BUILDING	MTG.	MOUNTING
BK.	BLOCK		
BL.	BEAM	N	NORTH
BLK.	BALANCE	N.A.	NOT APPLICABLE
BKG.	BEARING	N.I.C.	NOT IN CONTRACT
B.T.U.	BRITISH THERMAL UNIT	NO.	NUMBER
		NTS	NOT TO SCALE
C	CONDUIT		
CAB.	CABINET	O.C.	ON CENTER
CAP.	CAPACITY	O.C.E.W.	ON CENTER EACH WAY
CB	CIRCUIT BREAKER	OC	OUTSIDE DIAMETER
CD.	CEILING DIFFUSER	O.D.	OVERHEAD
C.	CENTER LINE	OPNG.	OPENING
CER.	CERAMIC	OPP.	OPPOSITE
C.F.M.	CUBIC FEET PER MINUTE	P.LAM	PLASTIC LAMINATE
CIRC.	CIRCULATING	PART.	PARTITION
C.I.	CAST IRON	PC	PRECAST CONCRETE
CL.	CLEAR	PER.	PERIMETER
CLG.	CEILING	PL	PLATE
C.M.U.	CONCRETE MASONRY UNIT	P.LBG.	PLYBUNG
C.O.	CLEAN OUT	P.LYWD	PLYWOOD
CPT	CARPET	PNL.	PANEL
COL.	COLLUMEN	PSF	POUNDS/SQUARE FOOT
COMP.	COMPRESSOR	PSI	POUNDS/SQUARE INCH
CONC.	CONCRETE	P.S.T.	POUNDS/SQUARE INCH GAGE
COND.	CONDENSATE	P.T.G.	PRESSURE TONCH
CONN.	CONNECTION	PT	PAINT
CONT.	CONTINUOUS	PTD.	PAINTED
CJ	CONTROL JOINT		
CT	CERAMIC TILE	QT	QUARTZ TILE
C.T.B.	CERAMIC TILE BASE	QTR.	QUARTER
CU	CONDENSING UNIT	QUAN.	QUANTITY
DET	DETAIL	R	RADIUS
DIA. D.	DIAMETER	R.A.	RETURN AIR
DIFF.	DIFFUSER	RAD.	RADIUS
DIM.	DIMENSION	R.A.G.	RETURN AIR GRILLE
DISC.	DISCONNECTION	R.A.R.	RETURN AIR REGISTER
DIST.	DISTRIBUTION	R.D.	ROUND
D.J.	DUMMY JOINT	R.O.	ROOF DRAIN
DN.	DOWN	R.DY.	READY
DR.	DRAIN	RECIRC.	RECIRCULATING
D.W.S.	DOWNSPOUT	RECP.	RECEPTACLE
DWG(S)	DRAWINGS(S)	REG.	REGISTER
		REIN.F.	REINFORCING
E	EAST	REQ.	REQUIRED
E.A.	EACH	RET.	RETURN
E.C.	EMPTY CONDUIT	R.G.	RETURN GRILLE
E.F.	EXHAUST FAN	RM.	ROOM
EL.	FLOOR ELEVATION	R.O.	ROUGH OPENING
ELEV	ELEVATION	R.P.M.	REVOLUTION/MINUTE
EQ.	EQUAL	RWL	RAIN WATER LEADER
EQUIP.	EQUIPMENT		
E.W.C.	ELECTRIC WATER COOLER	S.A.P.Y	SUPPLY AIR
EXH.	EXHAUST	S.A.T.	SUSPENDED ACOUSTICAL TILE
EXP.	EXPANSION	SCH.	SCHEDULE
E.J.	EXPANSION JOINT (EJ)	SECT.	SECTION
E.W.	EACH WAY	SERV.	SERVICE
EXT.	EXTERIOR	S.G.	SUPPLY GRILLE
EXST.	EXISTING	SHT.	SHEET
		SP	STAND PIPE
F.A.C.	FIRE ALARM	SPEC.	SPECIFICATIONS
F.B.C.	FLORIDA BUILDING CODE	SQ. FT.	SQUARE FEET
F.C.	FLEXIBLE CONNECTION	SRB	STRAIGHT RESILIENT BASE
F.D.	FLOOR DRAIN	ST.	STEEL
F.E.	FIRE EXTINGUISHER & BRACKET	STR.	STAINLESS STEEL
F.E.C.	FIRE EXTINGUISHER & CABINET	STO.	STORAGE
F.H.C.	FIRE HOSE CABINET W/ EXTINGUISHER	STRUC.	STRUCTURAL
FN.	FINISH	SUSP.	SUSPENDED
FL.	FLOOR	SW.	SWITCH
FP	FIRE PROOFING		
FT.	FOOT-FEET		
FTG.	FOOTING	TEL.	TELEPHONE
FVC	FIRE VALVE CABINET	TEMP.	TEMPERATURE
		THK.	THICK
GA.	GAUGE	TH.O.	THRESHOLD (THRESH)
GALL.	GALLON	T.O.W.(B)	TOP OF WALL (BEAM)
GALV.	GALVANIZED	TOIL.	TOILET
G.F.E.	GOVERNMENT FURNISHED EQUIPMENT	TYP.	TYPICAL
GL.	GLASS		
GND.	GROUND	UNO.	UNLESS NOTED OTHERWISE
G.P.M.	GALLONS PER MINUTE	UR.	URINAL
GR.	GRILLE		
GWB	GYPSPUM WALLBOARD	V.	VOLT
GYP. BD.	GYPSPUM BOARD	VT	VINYL COMPOSITION TILE
		V.C.	VITROUS GLAZ
H.B.	HOSE BIBB	V.E.J.	VERTICAL EXPANSION JOINT
H.C.	HANDICAP	VENT.	VENTILATION
HT.	HEIGHT	VERT.	VERTICAL
H.M.	HOLLOW METAL	V.I.F.	VERIFY IN FIELD
H.P.	HIGH POINT	V.T.R.	VERIFY THRU ROOF
HR.	HOUR		
HTG.	HEATING	W.	WATT
H.V.B.	HEATING & VENTILATING	W/.	WITH
HW.	HARDWARE	W.C.	WATER CLOSET
HYD.	HYDRANT	W.C.Q.	WASTE CLEAN OUT
		WD.	WOOD
LD.	INSIDE DIAMETER	W.D.	WINDOW DIMENSION
IN.	INCHES	WF	WATER FLANGE
INCAND.	INCANDESCENT	W.G.	WATER GAGE
INSUL.	INSULATION	WIP.	WATERPROOF
INT.	INTERIOR	W.W.F.	WELDED WIRE FABRIC
J.B.	JUNCTION BOX		

CS-1	COVER SHEET	MECH./PLUMBING/ELECT.	
CS-2	INDEX SHEET	M0.1	GENERAL NOTES, LEGENDS, & SYMBOLS
		M0.2	MECHANICAL SCHEDULES
		M0.3	MECHANICAL VENT CALCUS
ARCHITECTURAL		M1.1	FLOOR PLAN - MECH. - HVAC
LS1.1	LIFE SAFETY PLAN	M1.2	FLOOR PLAN - MECH. - HVAC PIPING
		M1.3	FLOOR PLAN - MECH. - HVAC PIPING
		M2.1	ELEVATIONS & ISOMETRICS
A0.1	ARCHITECTURAL, SITE PLAN	M3.1	MECHANICAL DETAILS
A1.1	FLOOR PLAN	M3.2	MECHANICAL DETAILS
A2.1	REFLECTED CEILING PLAN	M3.3	MECHANICAL CONTROLS
A3.1	BUILDING ELEVATIONS		
A3.2	BUILDING ELEVATIONS		
A4.1	BUILDING SECTIONS		
A5.1	WALL SECTIONS		
A5.2	PARTITION TYPES & SECTIONS	P0.1	PLUMBING SPECS, LEGENDS, & SCHEDULES
A5.3	ENLARGED STAIR PLANS, SECTIONS, DETAILS	P1.1	PLUMBING FLOOR PLAN - SANITARY & VENT
A5.4	ENLARGED STAIR PLANS, SECTIONS, DETAILS	P1.2	PLUMBING FLOOR PLAN - SERVICE WATER
A5.5	UL ASSEMBLIES	P2.1	PLUMBING RISER DIAGRAM - SAN. WASTE & V
A6.1	BUILDING DETAILS	P2.2	PLUMBING RISER DIAGRAM - SERVICE WATER
A6.2	BUILDING DETAILS	P3.0	LP GAS SYSTEM
A7.1	DR SCHEDULE, DR & FRAME TYPES, STOREFRONT TYPES		
A8.2	INTERIOR ELEVATIONS	E0.1	GENERAL NOTES, LEGENDS, & SYMBOLS
A9.1	CASEWORK ELEVATIONS	E0.2	ELECTRICAL SPECIFICATIONS
A9.2	CASEWORK SECTIONS	E0.3	SITE PLAN - ELECTRICAL
A10.1	ROOF PLAN	E1.1	FLOOR PLAN - POWER & SYSTEMS
		E2.1	FLOOR PLAN - LIGHTING
ID1.1	FLOOR PLAN - INTERIOR FINISHES	E3.1	PANEL SCHEDULES
ID2.1	INTERIOR FINISHES - LEGENDS & SCHEDULES	E4.1	ELECTRICAL DIAGRAMS & DETAILS
		E4.2	ELECTRICAL DETAILS
		LP1.0	LIGHTNING PROTECTION PLAN
		LP2.0	LIGHTNING PROTECTION DETAILS

THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ALL CONDITIONS. IF THE CONTRACTOR IS UNABLE TO INTERPRET THE CONSTRUCTION DOCUMENTS, HE/SHE IS RESPONSIBLE FOR REQUESTING CLARIFICATION IN WRITING TO THE ARCHITECT. IF THE CONTRACTOR PROCEEDS WITH ANY WORK BEFORE OBTAINING CLARIFICATION, HE/SHE SHALL BE HELD RESPONSIBLE FOR ALL DEFICIENCIES ASSOCIATED THERE.

DIMENSIONS ARE TAKEN FROM THE FACE OF EXISTING NON AND LOAD BEARING INTERIOR WALLS AND FROM THE FACE OF STUD FOR NEW WALLS

BEFORE SUBMITTING FOR WORK OR BEGINNING WORK, THE CONTRACTOR WILL BE HELD TO HAVE EXAMINED THE PREMISES AND SATISFIED HIMSELF/HERSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE/SHE WILL BE OBLIGATED AND COMPLETE THE WORK UNDER THE CONTRACT. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERRORS OR NEGLIGENCE ON HIS/HER PART.

CONTRACTOR SHALL ERECT AND MAINTAIN ALL REASONABLE SAFEGUARDS FOR SAFETY AND HEALTH INCLUDING POSTING DANGER SIGNS, AND OTHER WARNING AGAINST HAZARDS, AS WELL AS PROMULGATING SAFETY REGULATIONS. CONTRACTOR SHALL PROVIDE SAFETY PRECAUTIONS AND BARRICADES FOR PEDESTRIANS AT CONSTRUCTION, VEHICLE ACCESS AND EGRESS LOCATIONS.

THE CONTRACTOR SHALL SUBMIT A COMPLETE DETAILED CONSTRUCTION SCHEDULE AND PLAN PRIOR TO THE PRE-CONSTRUCTION CONFERENCE

CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY OWNER FOR ON SITE STORAGE OF CONSTRUCTION MATERIALS. COMPARTMENT TRAILERS OR SIMILAR PROTECTIVE STORAGE FACILITIES MAY BE UTILIZED ON SITE TO SECURE ALL EQUIPMENT AND ITEMS REMOVED DURING PROJECT WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND SECURITY OF ALL EQUIPMENT AND ITEMS REMOVED.

CONTRACTOR SHALL COORDINATE WITH LOCAL ELECTRICAL POWER AND WATER UTILITY PROVIDERS TO INSTALL NEW SERVICE TO THE SITE PRIOR TO THE START OF CONSTRUCTION.

ALL WORK SHALL COMPLY WITH APPLICABLE OSHA AND EPA REGULATIONS AND GUIDELINES.

INSTALL WORK IN ACCORDANCE WITH THE CODES LISTED ON THE INDEX SHEET. IMMEDIATELY NOTIFY THE ARCHITECT WHEN CONFLICTS OCCUR BETWEEN CODES AND BETWEEN THE CONSTRUCTION DOCUMENTS.

CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS TO THE ARCHITECT AT COMPLETION OF THE CONSTRUCTION. CHANGES SHALL BE INDICATED CLEARLY BY MECHANICAL DRAFTING METHODS.

CONTRACTOR SHALL MAINTAIN A CLEAN WORK PREMISES AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF ALL DEBRIS DAILY

CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE EXISTING SURFACES OUTSIDE THE SCOPE OF WORK AND SHALL BE RESPONSIBLE FOR RETURNING DAMAGED AREAS (MATERIALS, FINISHES, LANDSCAPE, ETC.) TO THEIR ORIGINAL CONDITION. ALL DISTURBED AREAS OF SOIL TO BE SODDED. ALL PLANTING REPLACEMENT TO BE GUARANTEED FOR ONE YEAR.

CONTRACTOR SHALL ERECT ALL SAFE GUARDS TO PROTECT ADJACENT AREAS, REMOVE DEBRIS FROM JOB SITE DAILY AND ADHERE TO ENVIRONMENTAL REGULATIONS.

WHERE A NOTE IS SHOWN FOR ONE CONDITION IT SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS.

CONTRACTOR SHALL PATCH ALL SPALLED AND ROUGH CONCRETE FLOOR SURFACES TO PROVIDE A CONTINUOUS LEVEL CONCRETE SURFACE.

A DISCOVERY OF ASBESTOS: ALL MATERIAL KNOWN TO CONTAIN ASBESTOS & THAT WILL BE IMPACTED BY DEMOLITION & CONSTRUCTION ACTIVITIES INCLUDED IN THE PROJECT SCOPE OF WORK HAVE BEEN REMOVED. IN THE EVENT CONCEALED CONDITIONS ARE ENCOUNTERED, NOTIFY THE ARCHITECT PRIOR TO PROCEEDING FURTHER WITH WORK.

A KNOX BOX SHALL BE INSTALLED ON THE EXTERIOR OF THE BUILDING WITHIN 5' OF THE MAIN ENTRANCE DOOR. MOUNTING HEIGHT TO BE NOT GREATER THAN 5' AFF. KEYS TO BUILDING, PHASE I AND PHASE II ELEVATOR RECALL SHALL BE PROVIDED FOR PLACEMENT IN KNOX BOX. REQUIRED DUE TO SPRINKLER CONTROL VALVES AND/CIRCUITRY. FIRE ALARM CONTROL PANEL LOCATED IN THIS SPACE OR THE BUILDING IS PROVIDED WITH ELEVATOR RECALL. NFPA 1, 18.2.2.1, FLORIDA 2015 EDITION.

A MINIMUM 6" ADDRESS NUMBERS SHALL BE LOCATED ON THE EXTERIOR OF THE BUILDING, NUMBERS TO BE PLAINLY VISIBLE FROM THE STREET OR OTHER ELEVATION AND CONTRAST WITH BACKGROUND, THIS MAY BE WAIVED IF ADDRESS NUMERIC IS ILLUMINATED ON A SIGN SEPARATE FROM THE BUILDING THAT IS VISIBLE FROM THE STREET. NFPA 1, 10.12.1.1, 10.12.1.2 & 10.12.1.2.1, FLORIDA 2015 EDITION

THE ELEVATION OF THE FLOOR SURFACE ON BOTH SIDES OF ANY DOOR SHALL NOT VARY BY MORE THAN 1/2" INCH FOR A DISTANCE NOT LESS THAN THE WIDTH OF THE WIDEST LEAF. PLEASE SHOW ON PLANS. NFPA 101, SECTION 7.2.1.3.1, FLORIDA 2015 EDITION

CONTRACTOR SHALL MAKE AVAILABLE TO THE BUILDING INSPECTOR DOCUMENTATION NECESSARY TO VERIFY THAT ALL EXTERIOR ENVELOPE COMPONENTS REQUIRING PRODUCT APPROVAL PER FS 553.842 ARE IN COMPLIANCE WITH PRODUCT APPROVAL INSTALLATION REQUIREMENTS.

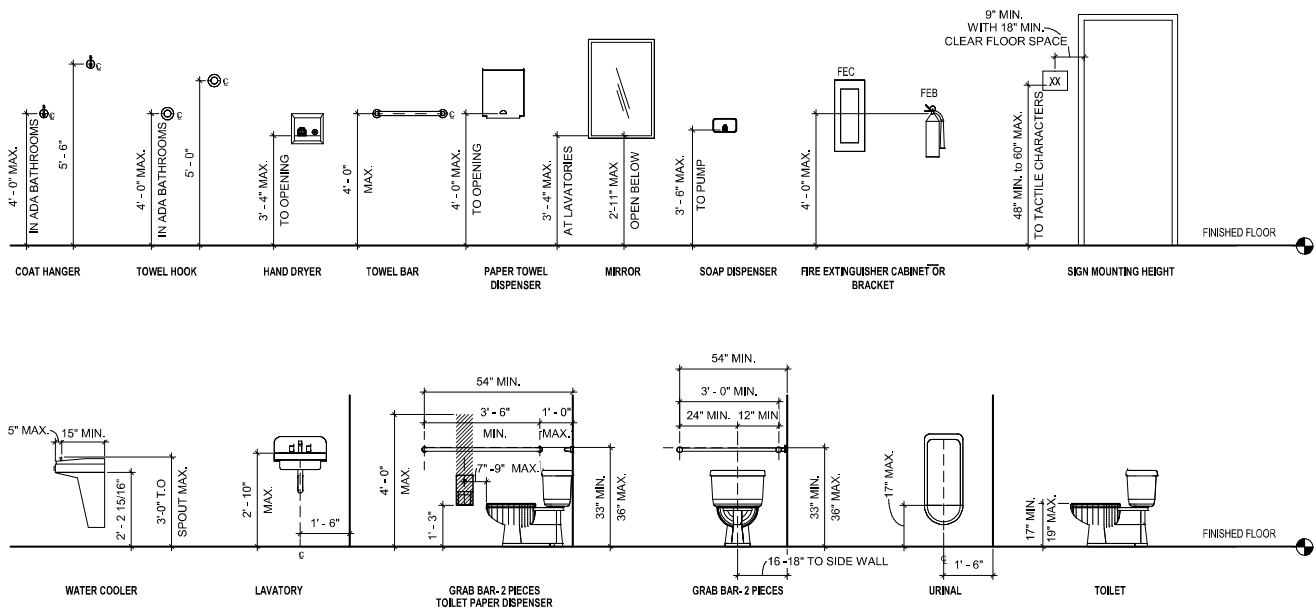
THE FIRE ALARM CONTRACTOR SHALL SUBMIT PLANS FOR EVALUATION AND APPROVAL PRIOR TO COMMENCEMENT OF NEW WORK". FIRE PROTECTION IS NOT PART OF THE BUILDING PERMIT EVALUATION.

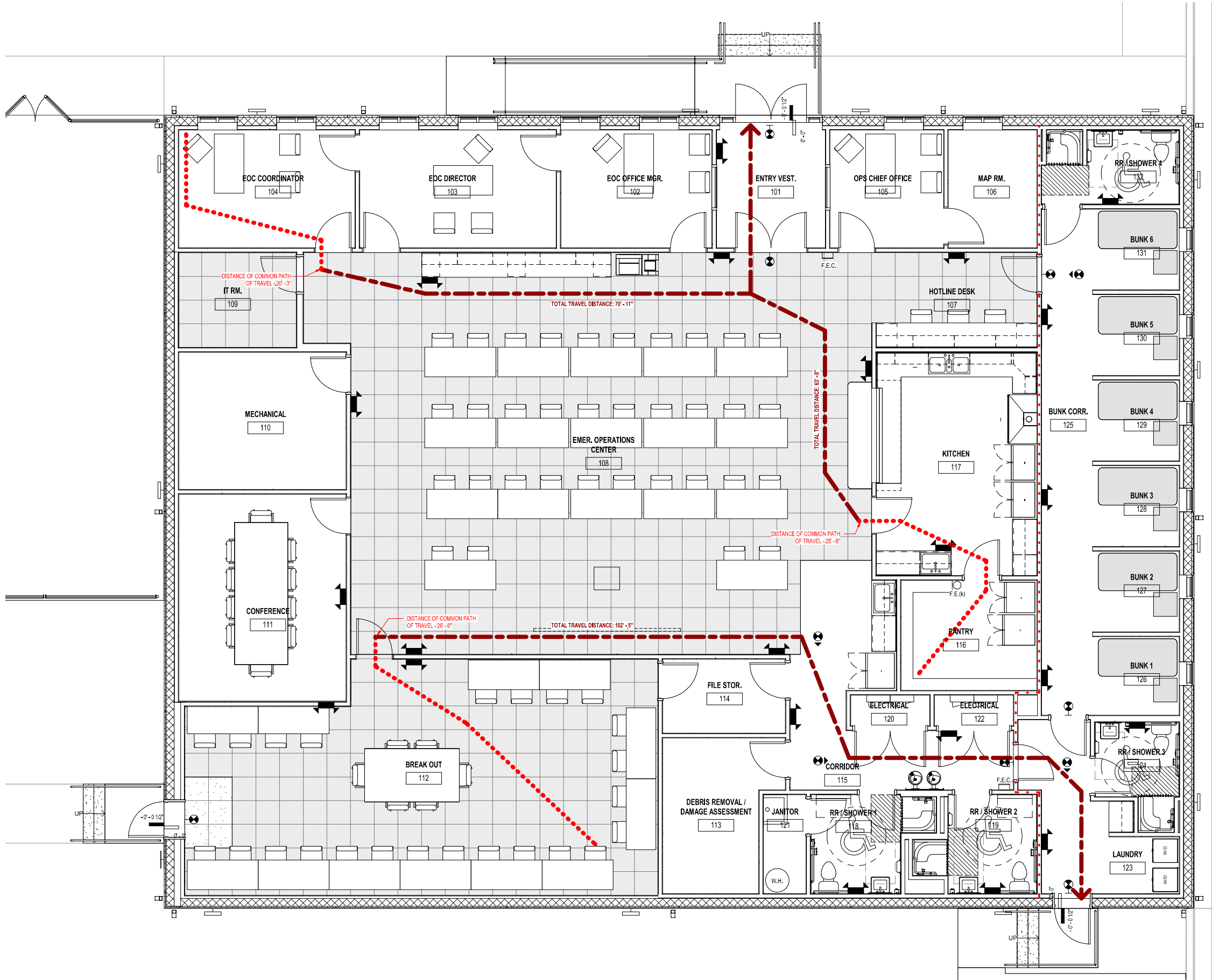
ALL GUARDRAILS SHALL RESIST A CONCENTRATED LOAD OF 250 POUNDS; 2017 FBC-B, SECTION 1607.8.1 & 1607.8.1.

OCCUPANCY GROUP:	FBC GROUP B BUSINESS	FBC-B: CH. 3, SECTION 302
GROSS FLOOR AREA:	5,778 GSF	
FLOOR AREA:	5,778 GSF - BUSINESS OCCUPANCY	
TOTAL OCCUPANCY LOAD:	$\frac{5,778 \text{ GSF @ } 150 \text{ SF/PERSON}}{\text{TOTAL ALLOWABLE OCCUPANCY}} = \frac{39 \text{ PERSONS}}{39 \text{ PERSONS}}$	FBC-B: CH. 10 TABLE 1004.1.2
CONSTRUCTION TYPE:	TYPE I-B NON SPRINKLERED IMPORTANCE FACTOR: RISK CATEGORY IV	
TENANT SEPARATION:	N/A	FBC SECTION 508

BUILDING.....	FLORIDA BUILDING CODE (FBC-B)	2023, 8TH EDITION
ACCESSIBILITY.....	FLORIDA BUILDING CODE (FBC-A)	2023, 8TH EDITION
MECHANICAL.....	FLORIDA BUILDING CODE (FBC-M)	2023, 8TH EDITION
ENERGY CONSERVATION.....	FLORIDA BUILDING CODE (FBC-EC)	2023, 8TH EDITION
FUEL GAS.....	FLORIDA BUILDING CODE (FBC-FG)	2023, 8TH EDITION
PLUMBING.....	FLORIDA BUILDING CODE (FBC-P)	2023, 8TH EDITION
FIRE PREVENTION.....	FLORIDA FIRE PREVENTION CODE (FFPC)	2023, 8TH EDITION
ELECTRICAL.....	NATIONAL ELECTRICAL CODE (NEC) (per FBC)	2020 (per 8th Ed. FBC-E)

IN ACCORDANCE WITH FLORIDA BUILDING CODE 2017: ACCESSIBILITY





LIFE SAFETY LEGEND

- 1 HOUR RATED WALL ASSEMBLY
- EXIT/AREA OF REFUGE LIGHT
- EMERGENCY LIGHT
- FEC
- FE (k)
- FIRE ALARM ANNUNCIATOR, HORN/VISIBLE TYPE
- FIRE ALARM ANNUNCIATOR, VISIBLE TYPE
- EXTENTS OF RAISED PANEL ACCESS FLOOR SYSTEM



**FRANKLIN COUNTY
EMERGENCY
OPERATIONS
CENTER**

19001 Drawn By: JM
Project Code Checked By: DS

17 APRIL 2026
Date

**100%
CONSTRUCTION
DOCUMENTS**

Revisions
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△
△
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LIFE SAFETY PLAN

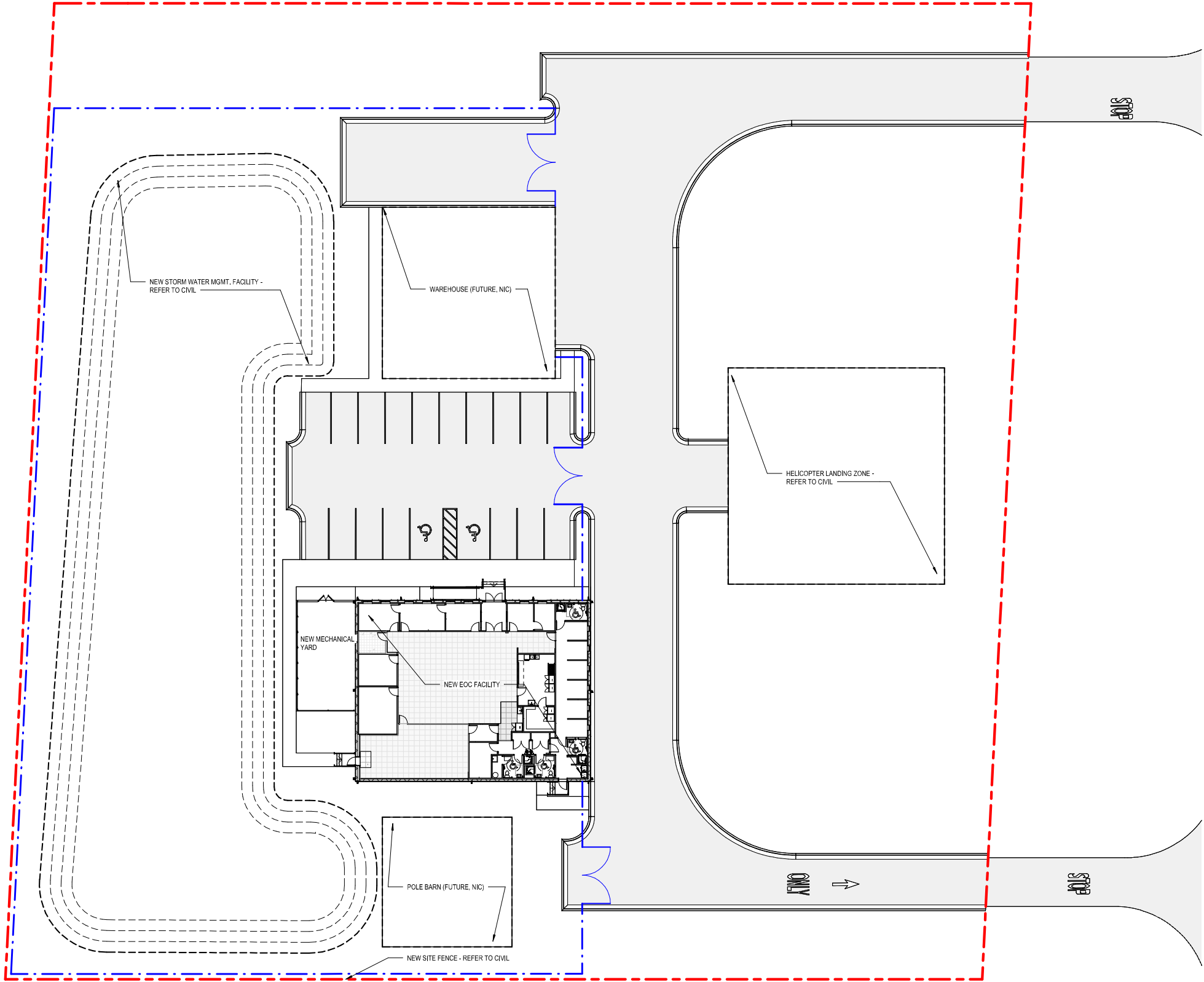
Tallahassee Florida

LS1.1

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978

1 LEVEL 01 - LIFE SAFETY PLAN

LS1.1 1/4" = 1'-0"



FRANKLIN COUNTY
EMERGENCY
OPERATIONS
CENTER

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17 APRIL 2026
Date

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ARCHITECTURAL
SITE PLAN

Tallahassee Florida

A0.1

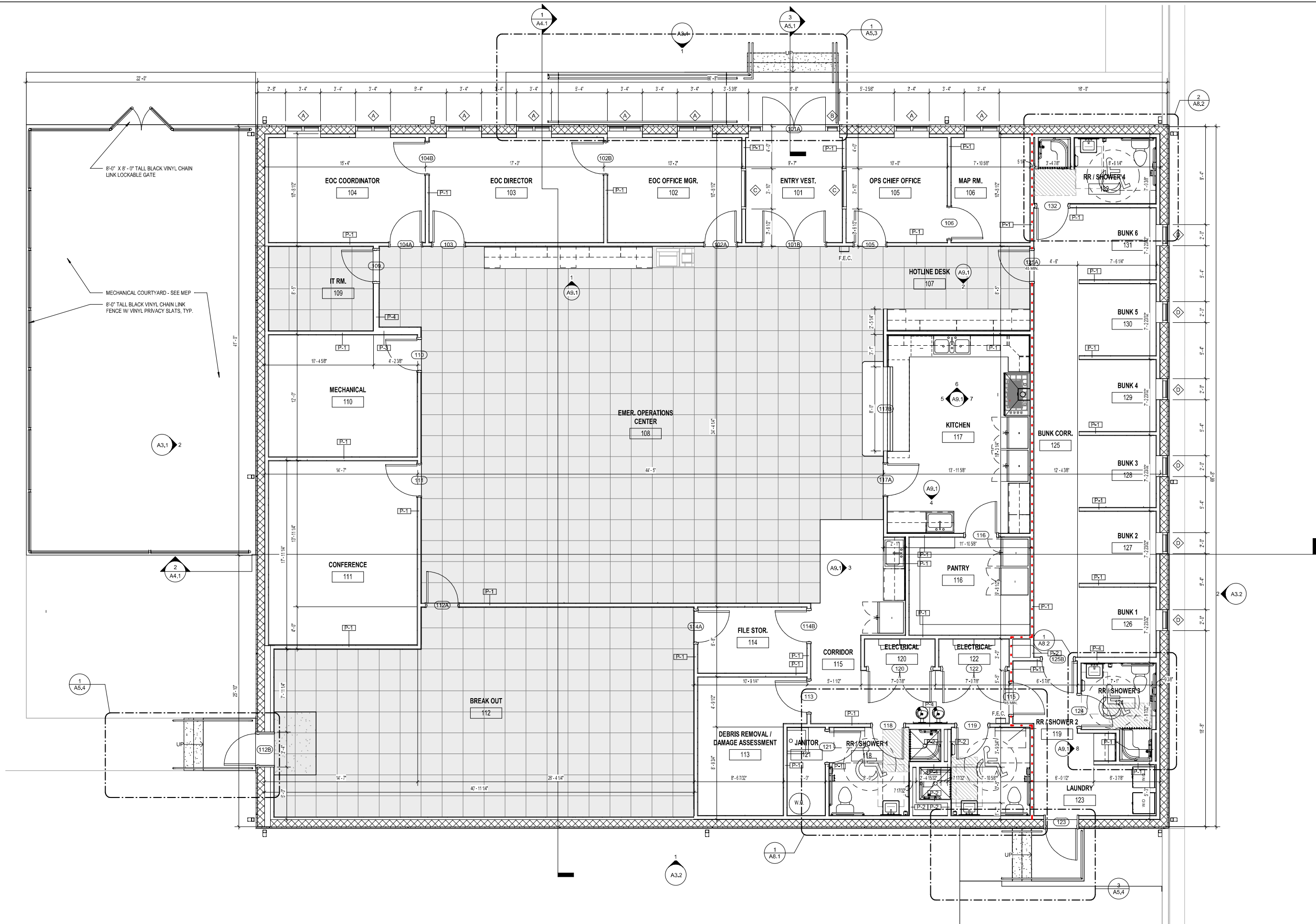
2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6676

1 ARCHITECTURAL SITE PLAN

A0.1 1" = 20'-0"

PLAN LEGEND

- EIFS SYSTEM
- NEW GYP / METAL STUD WALL PARTITION
- NEW CMU WALL PARTITION
- 1 HOUR RATED WALL ASSEMBLY
- Name 101
- ROOM NAME AND NUMBER
- 101 DOOR NUMBER
- 101 FIRE RATING
- P-1 WALL PARTITION TYPE
- A STOREFRONT TYPE
- EXTENTS OF RAISED PANEL ACCESS FLOOR SYSTEM



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FLOOR PLAN

Tallahassee Florida

A1.1

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1 FLOOR PLAN - LEVEL 01

A1.1 1/4" = 1'-0"

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RCP LEGEND

001

ACT 10'-0"

ROOM NUMBER

CEILING HEIGHT

CEILING MATERIAL

CEILING FINISHES

GYP. CEILING -
SEE RCP FOR CEILING HEIGHTS

A.C.T. CEILING -
SEE RCP FOR CEILING HEIGHTS

A.C.T. CEILING W/ CLEANABLE TILE -
SEE RCP FOR CEILING HEIGHTS

CEILING ACCESSORIES

2' x 2' LAY-IN LED LIGHT FIXTURE

RECESSED DOWN LIGHT

EMERGENCY LIGHT

EMERGENCY EXIT LIGHT

SD

SMOKE DETECTOR

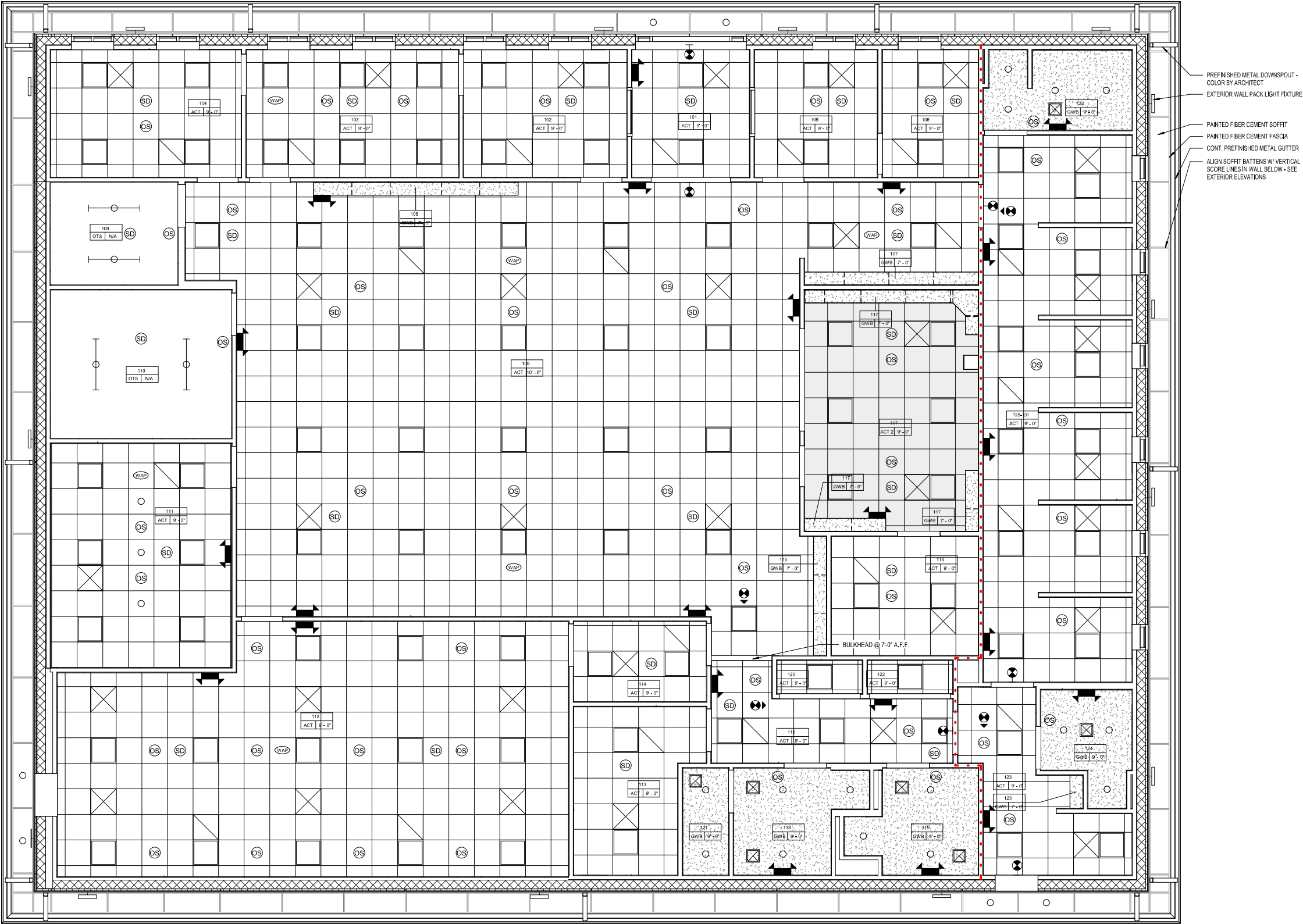
OS

OCCUPANCY SENSOR

CEILING DIFFUSER

RETURN AIR GRILLE

SUSPENDED LIGHT
FIXTURE



NOTES



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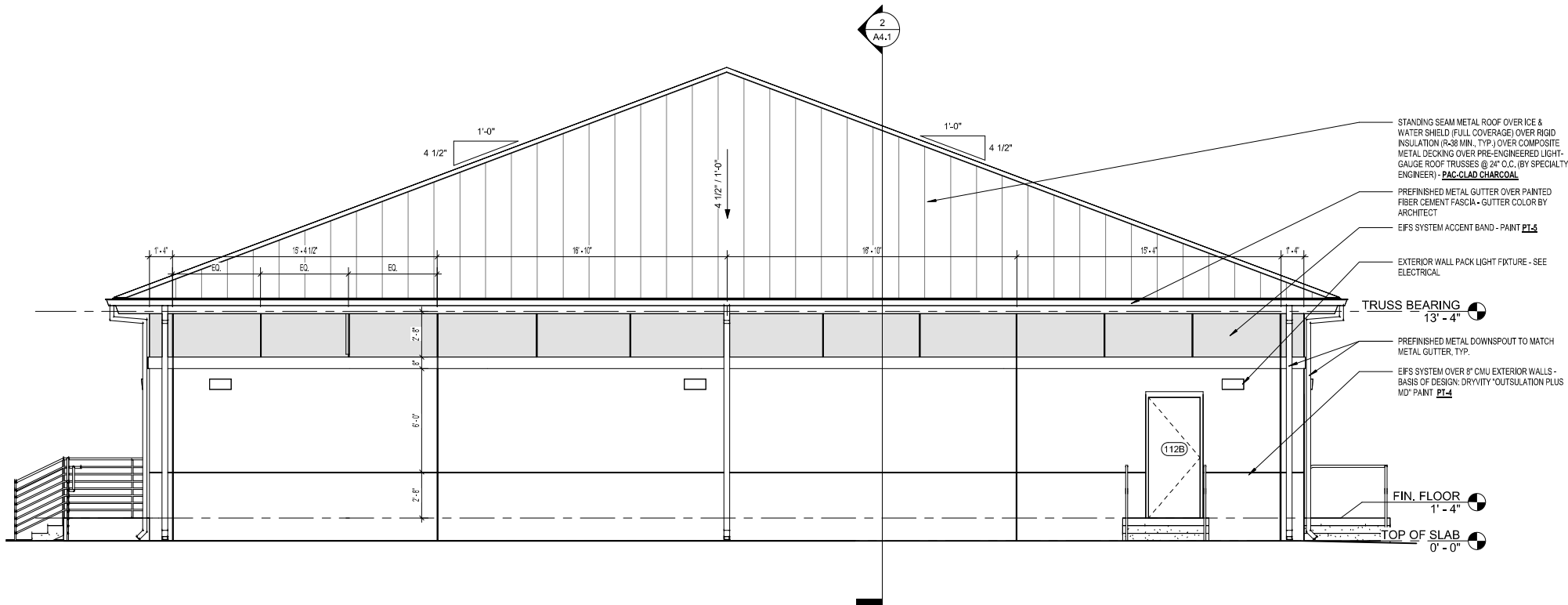
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REFLECTED
CEILING PLAN

Tallahassee Florida

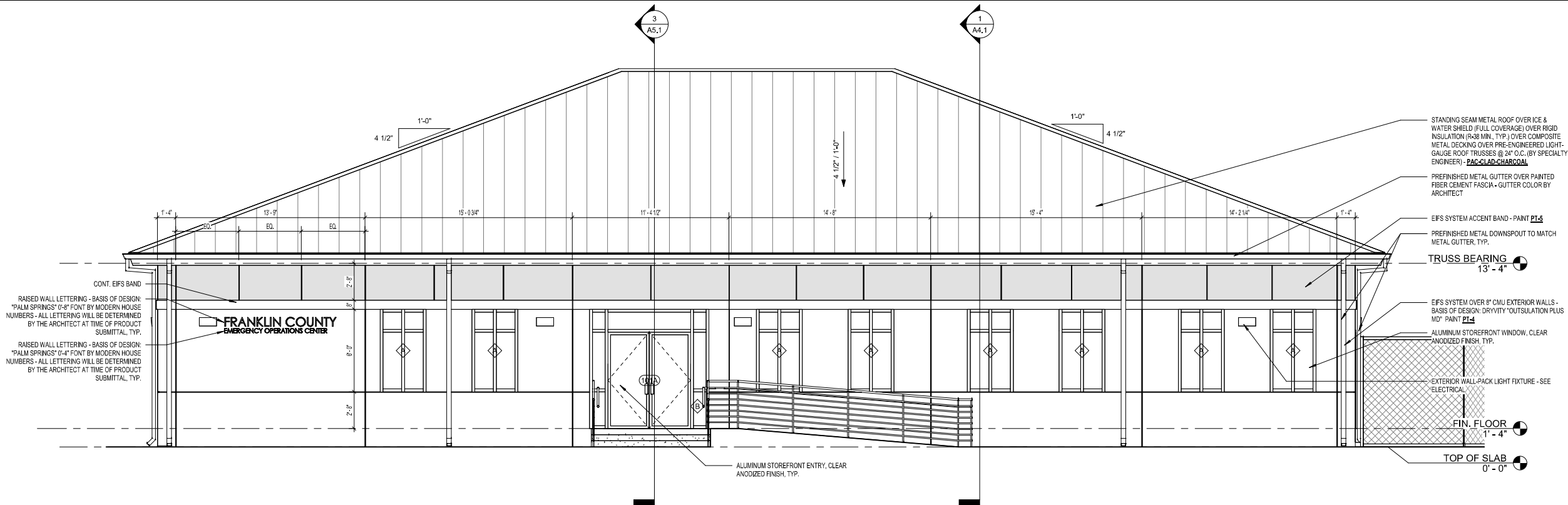
A2.1

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2 SOUTH ELEVATION

A3.1 1/4" = 1'-0"



1 ENTRY ELEVATION

A3.1 1/4" = 1'-0"



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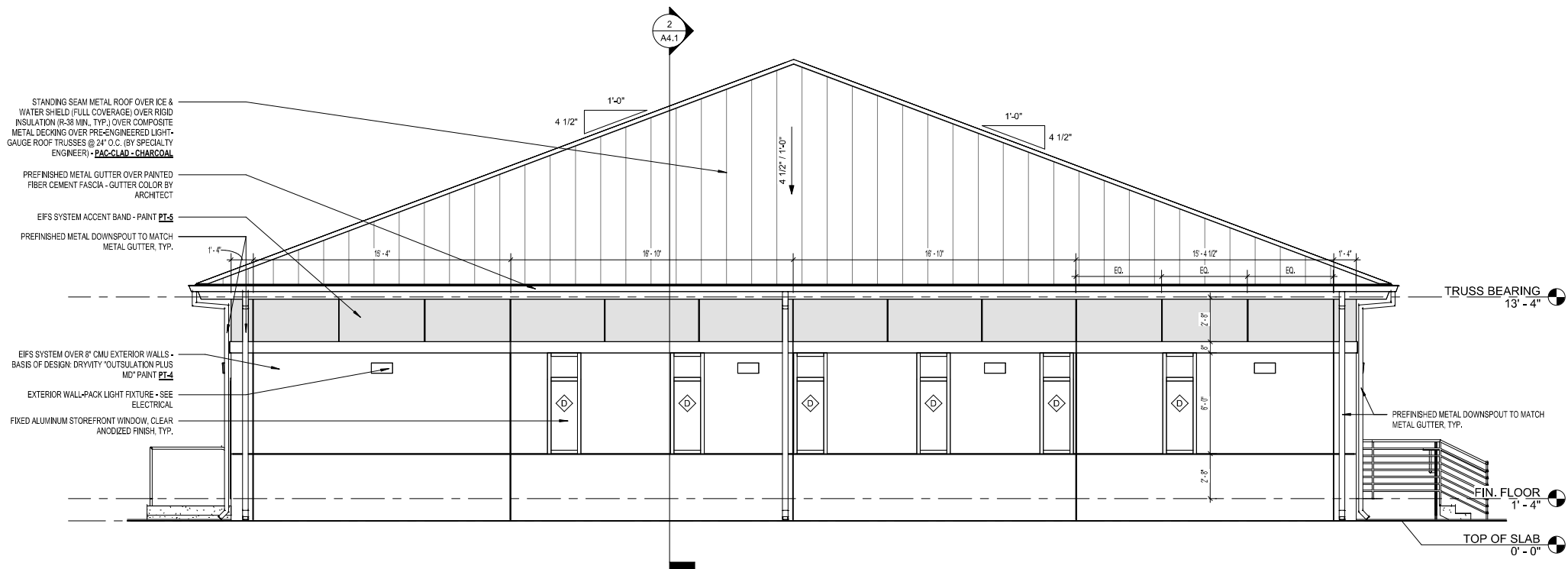
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BUILDING
ELEVATIONS

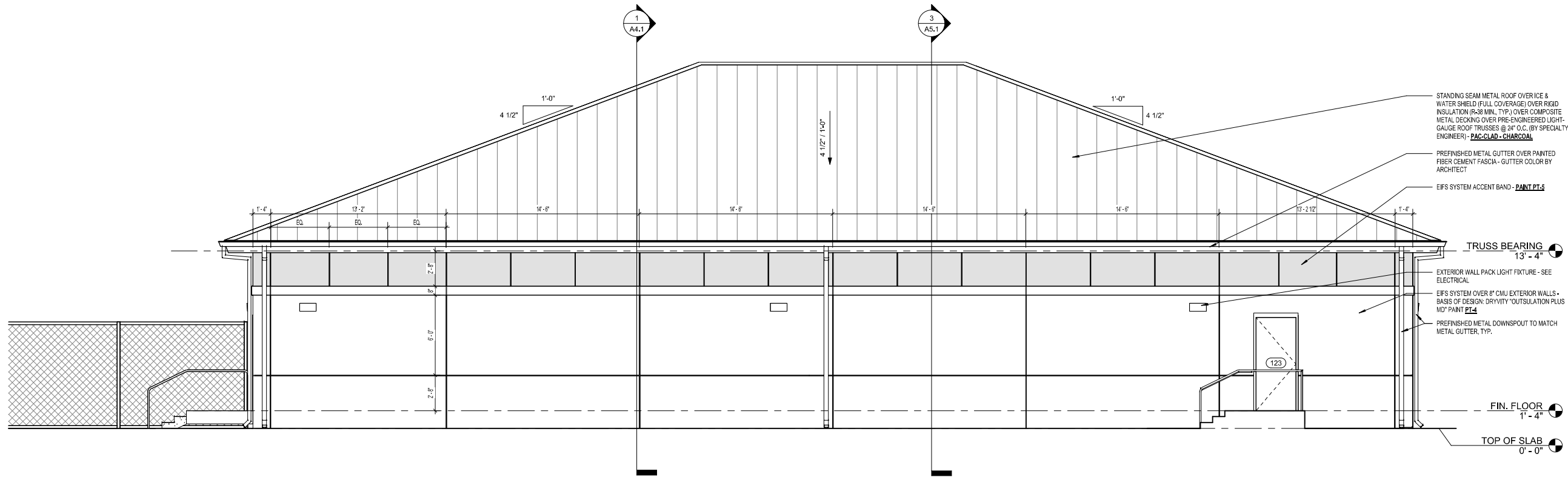
Tallahassee Florida

A3.1



2 NORTH ELEVATION

A3.2 1/4" = 1'-0"



1 EAST ELEVATION

A3.2 1/4" = 1'-0"



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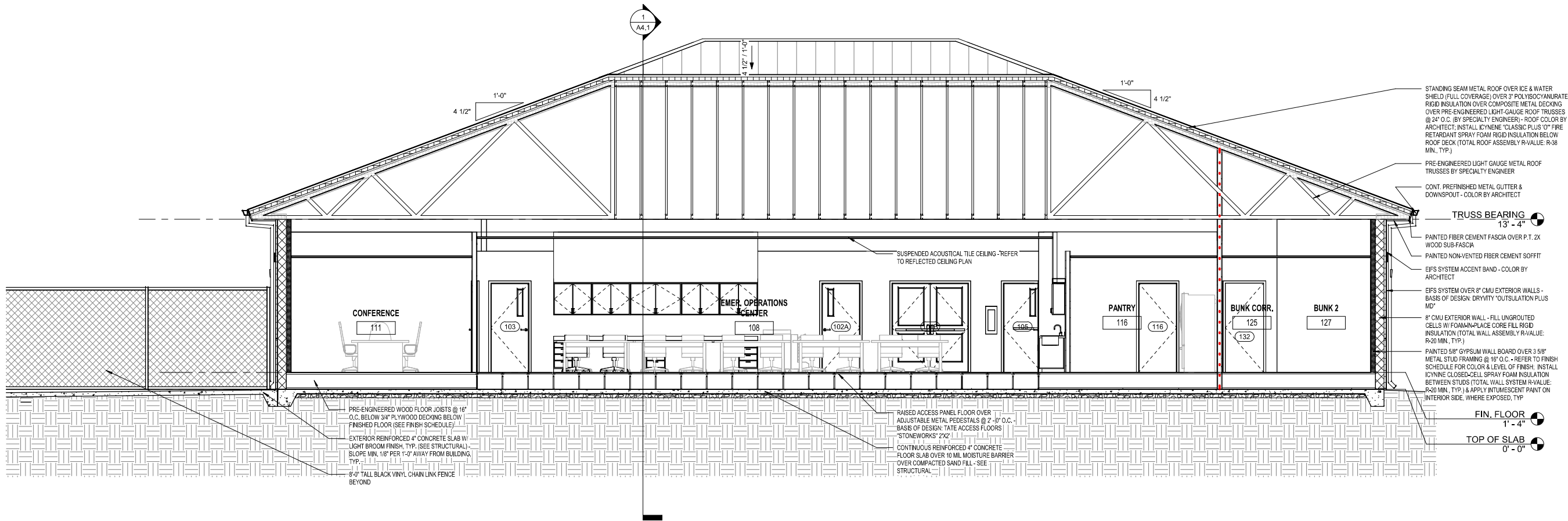
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BUILDING
ELEVATIONS

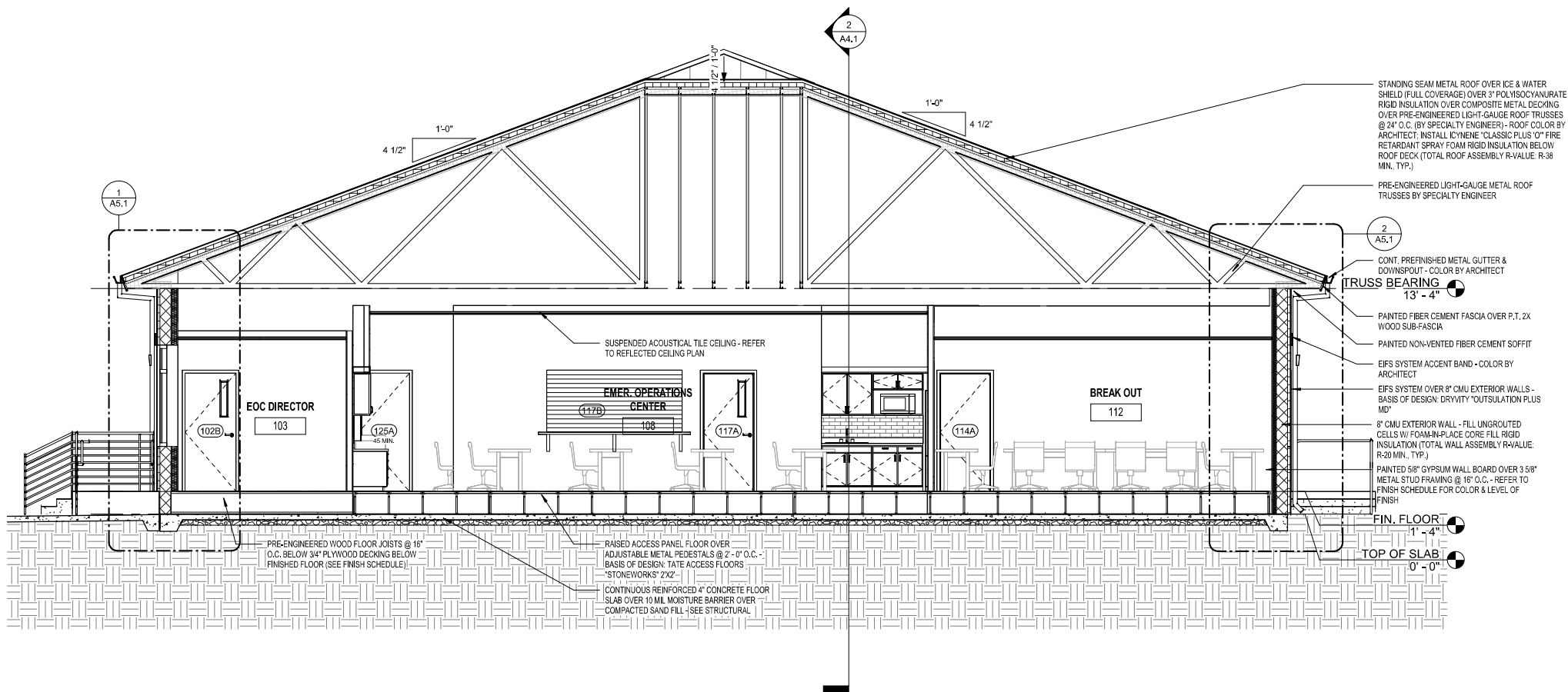
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A3.2



2 BUILDING SECTION 2

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



1 BUILDING SECTION 1

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

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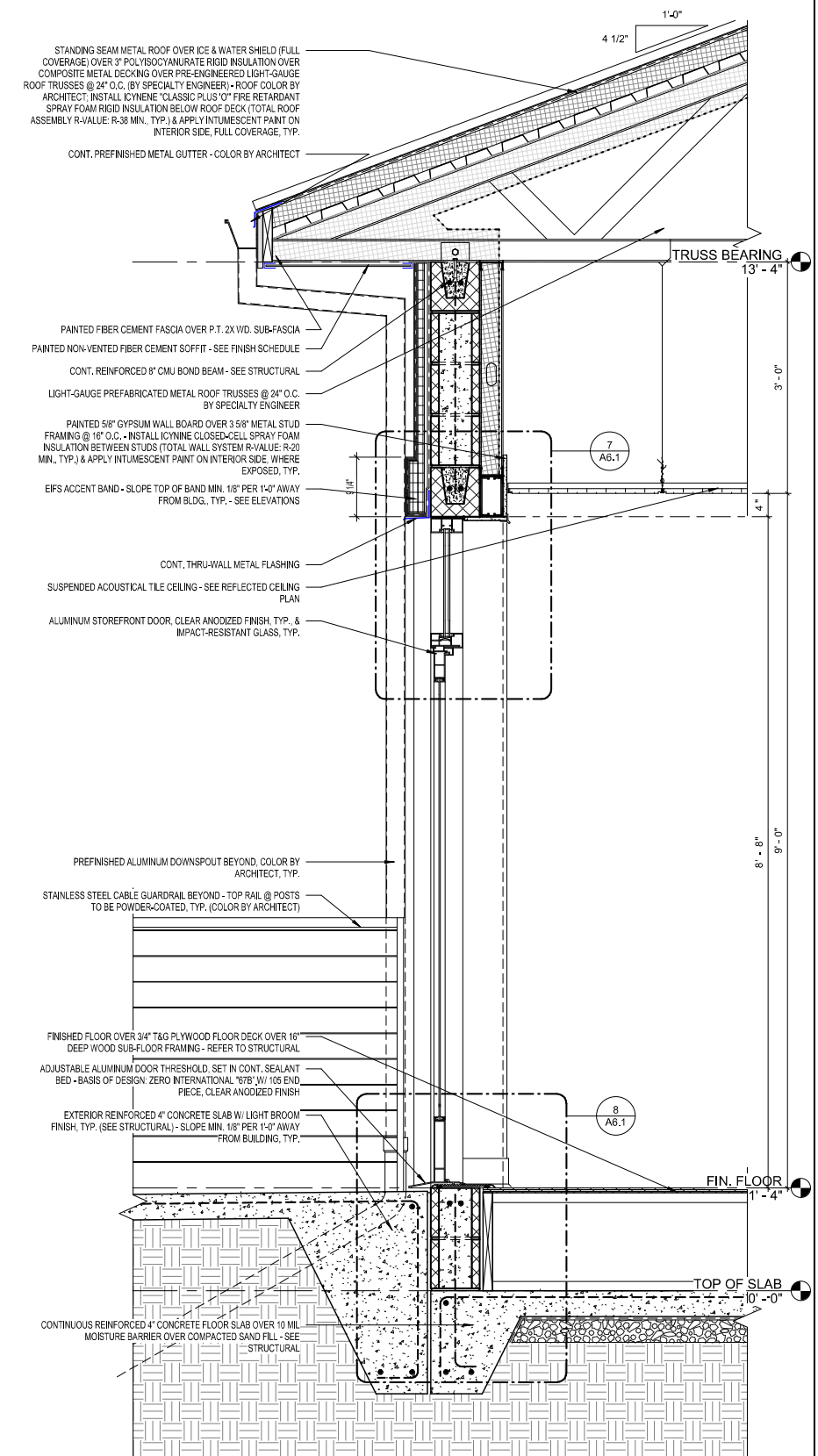
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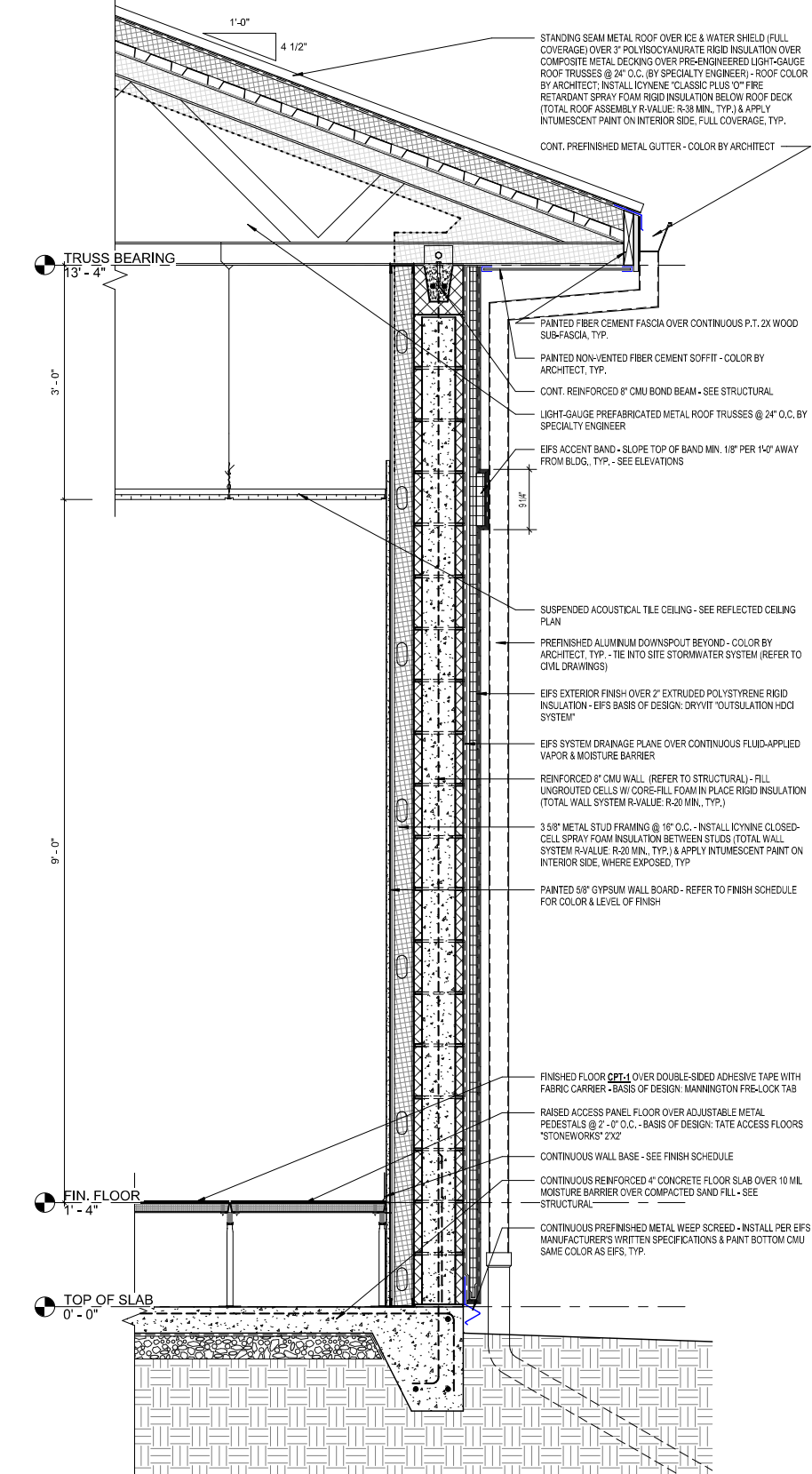
BUILDING SECTIONS

Tallahassee Florida

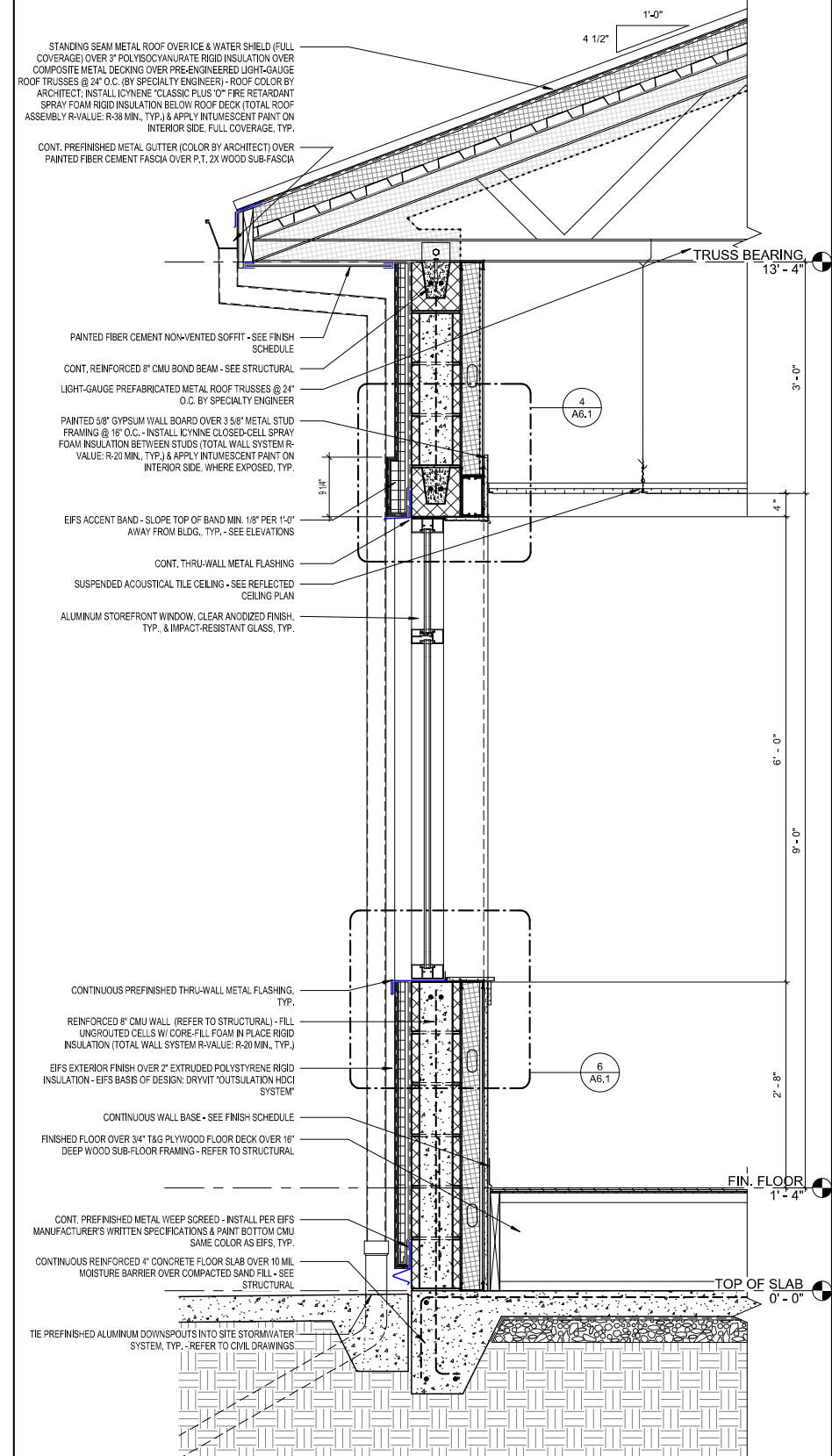
A4.1



3 WALL SECTION - MAIN ENTRY
A5.1 1" = 1'-0"



2 TYPICAL WALL SECTION
A5.1 1" = 1'-0"



1 WALL SECTION - TYP. WINDOW
A5.1 1" = 1'-0"



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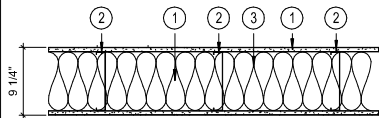
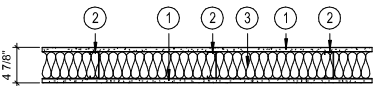
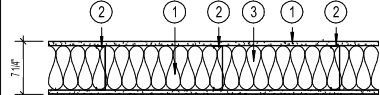
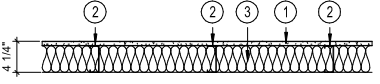
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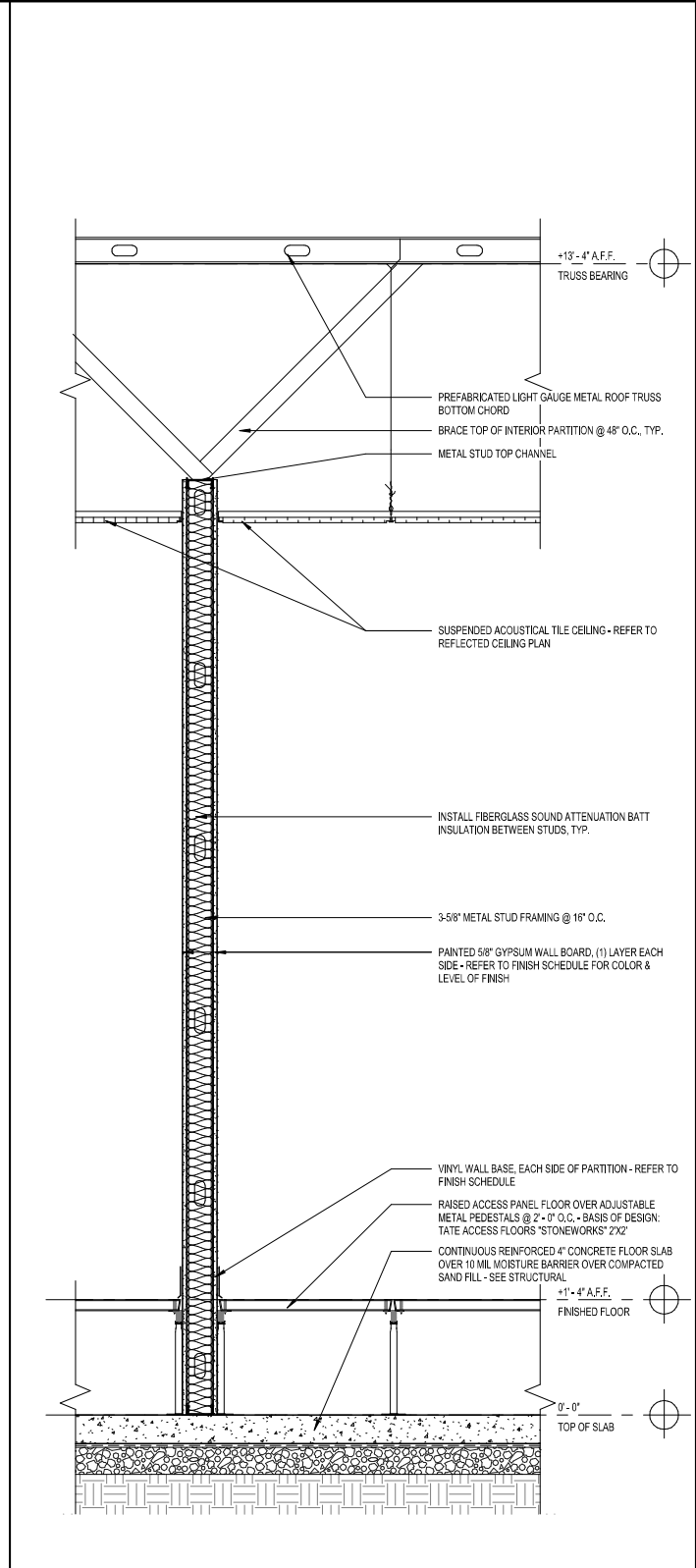
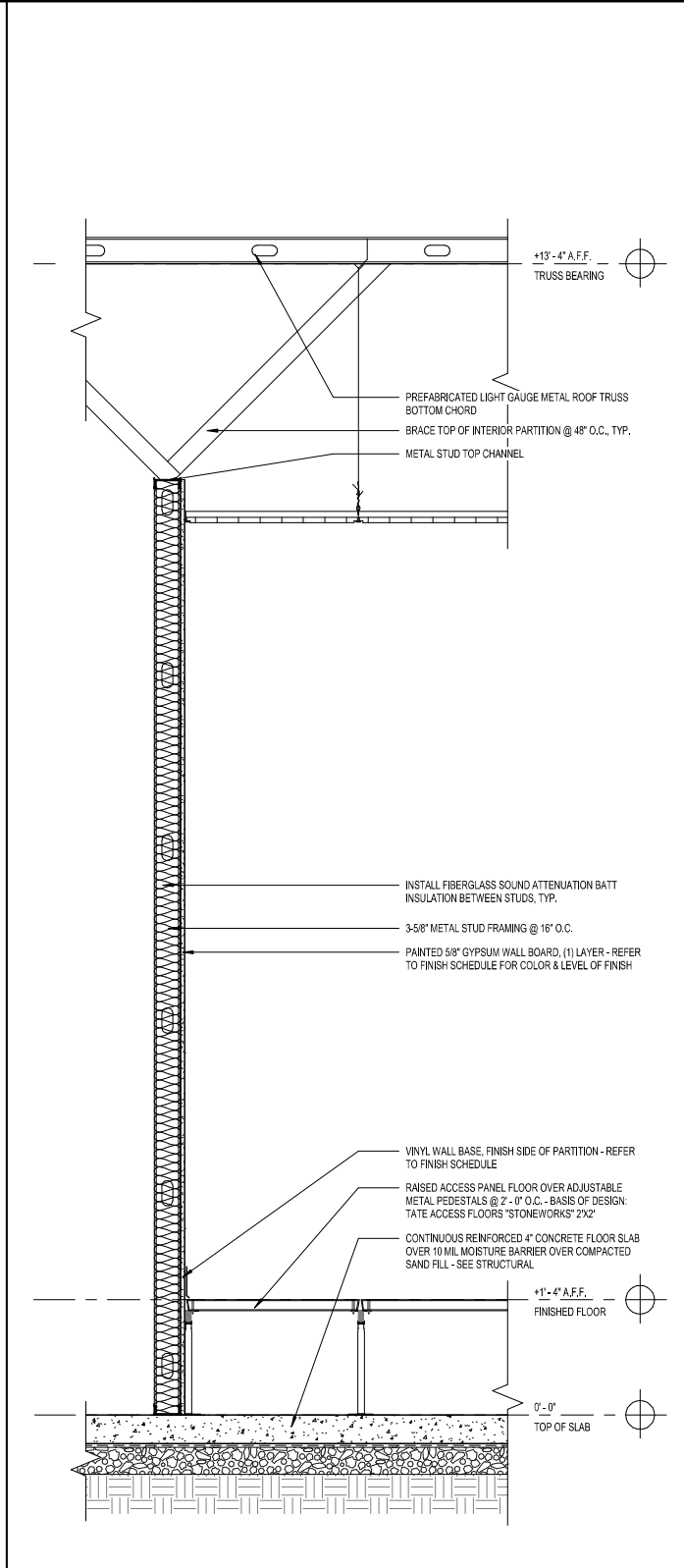
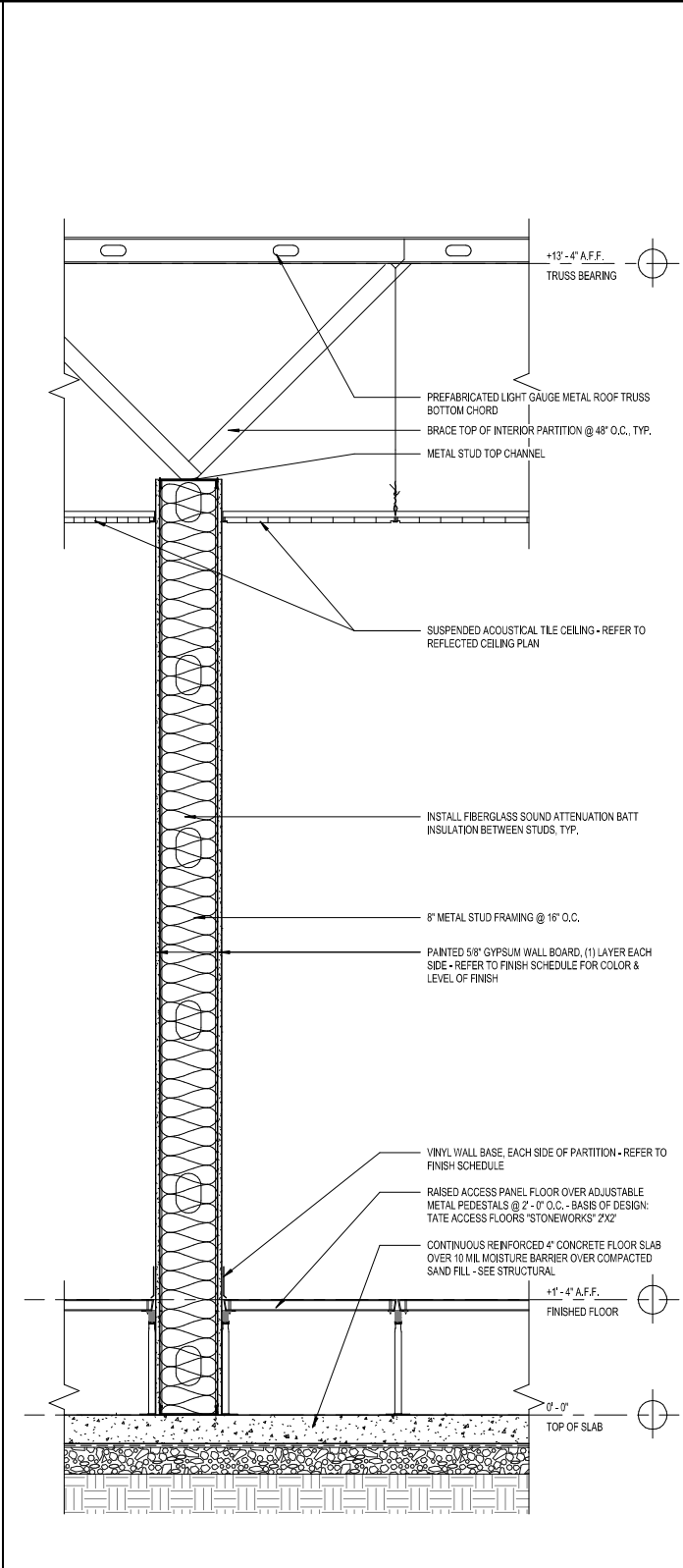
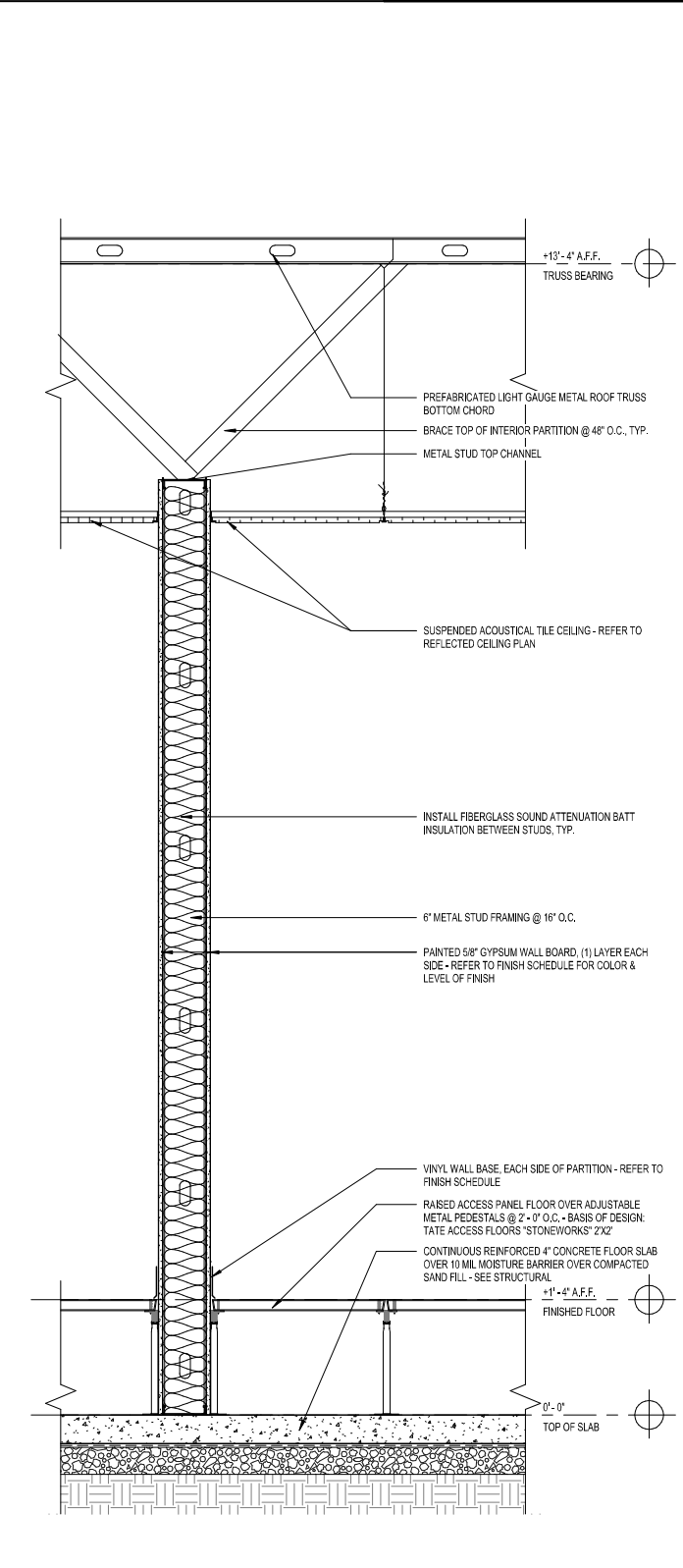
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WALL SECTIONS

Tallahassee Florida

A5.1

PARTITION TYPES							
P-3		① 5/8" GYPSUM BOARD ② 8" METAL STUDS @ 16" O.C. ③ FIBERGLASS SOUND ATTENUATION BATT INSULATION	EXTEND WALL 6" ABOVE CEILING (MIN.) & BRACE @ 48" O.C., TYP. PROVIDE LEVEL 4 FINISH REFER TO FINISH SCHEDULE FOR PAINT COLOR	P-1		① 5/8" GYPSUM BOARD ② 3 5/8" METAL STUDS @ 16" O.C. ③ FIBERGLASS SOUND ATTENUATION BATT INSULATION	EXTEND WALL 6" ABOVE CEILING (MIN.) & BRACE @ 48" O.C., TYP. PROVIDE LEVEL 4 FINISH REFER TO FINISH SCHEDULE FOR PAINT COLOR
		① 5/8" GYPSUM BOARD ② 6" METAL STUDS @ 16" O.C. ③ FIBERGLASS SOUND ATTENUATION BATT INSULATION	EXTEND WALL 6" ABOVE CEILING (MIN.) & BRACE @ 48" O.C., TYP. PROVIDE LEVEL 4 FINISH REFER TO FINISH SCHEDULE FOR PAINT COLOR			① 5/8" GYPSUM BOARD ② 3-5/8" METAL STUDS @ 16" O.C. ③ FIBERGLASS SOUND ATTENUATION BATT INSULATION	EXTEND WALL 6" ABOVE CEILING (MIN.) & BRACE @ 48" O.C., TYP. PROVIDE LEVEL 4 FINISH REFER TO FINISH SCHEDULE FOR PAINT COLOR



4	PARTITION TYPE P-4	3	PARTITION TYPE P-3	2	PARTITION TYPE P-2	1	PARTITION TYPE P-1
A5.2	1" = 1'-0"	A5.2	1" = 1'-0"	A5.2	1" = 1'-0"	A5.2	1" = 1'-0"



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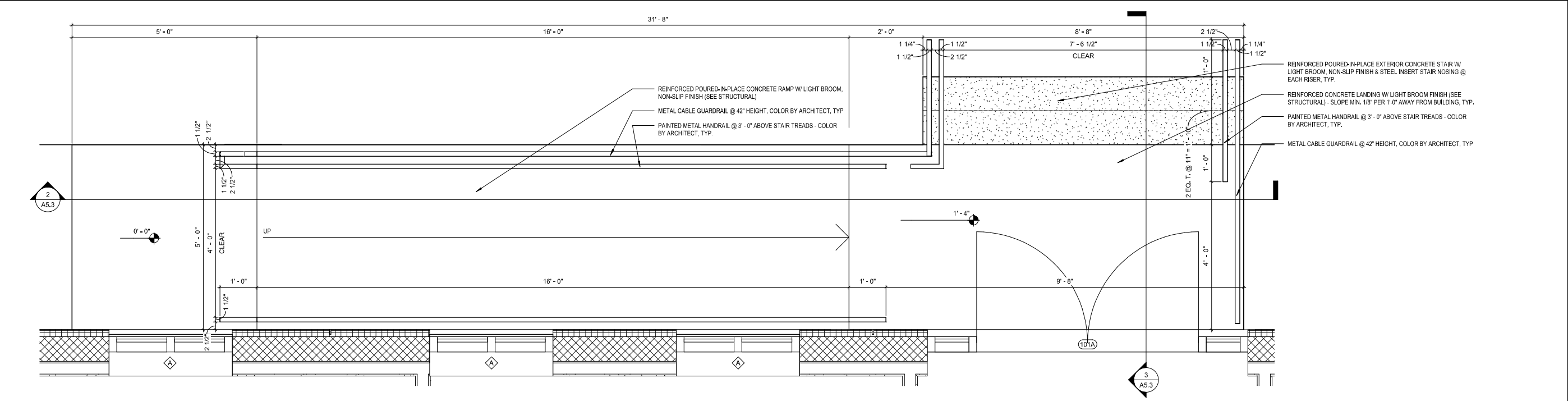
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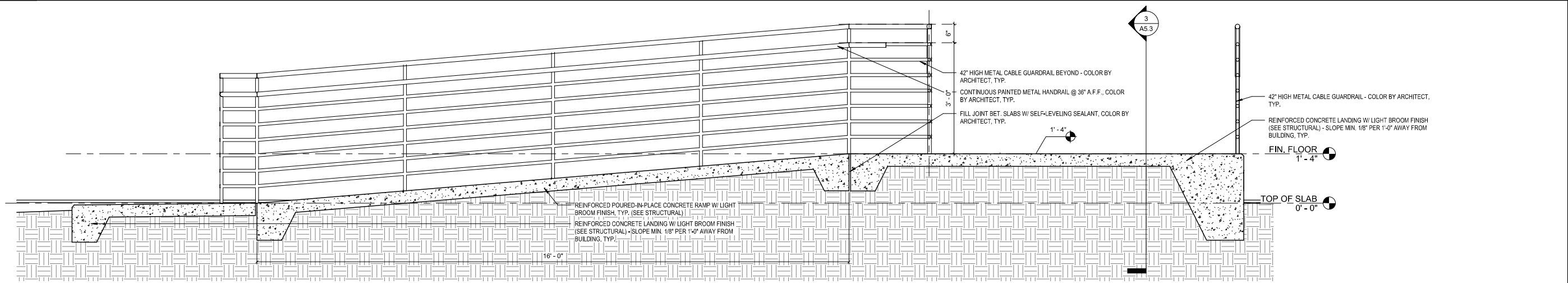
PARTITION TYPES &
SECTIONS

Tallahassee Florida

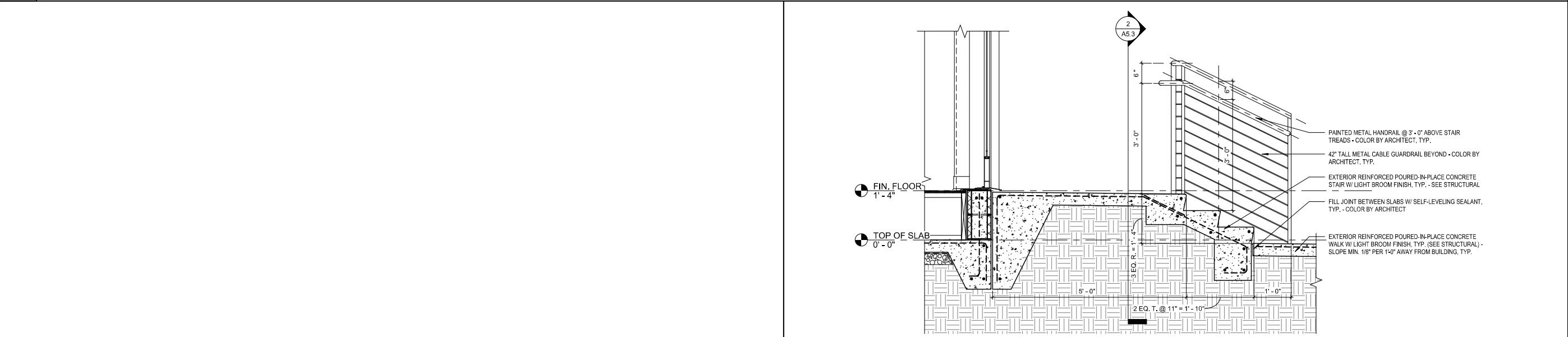
A5.2



1	ENLARGED PLAN - ENTRY STAIR & RAMP
A5.3	3/4" = 1'-0"



2	ENLARGED SECTION - ENTRY RAMP
A5.3	3/4" = 1'-0"



3	ENLARGED SECTION - ENTRY STAIR
A5.3	3/4" = 1'-0"



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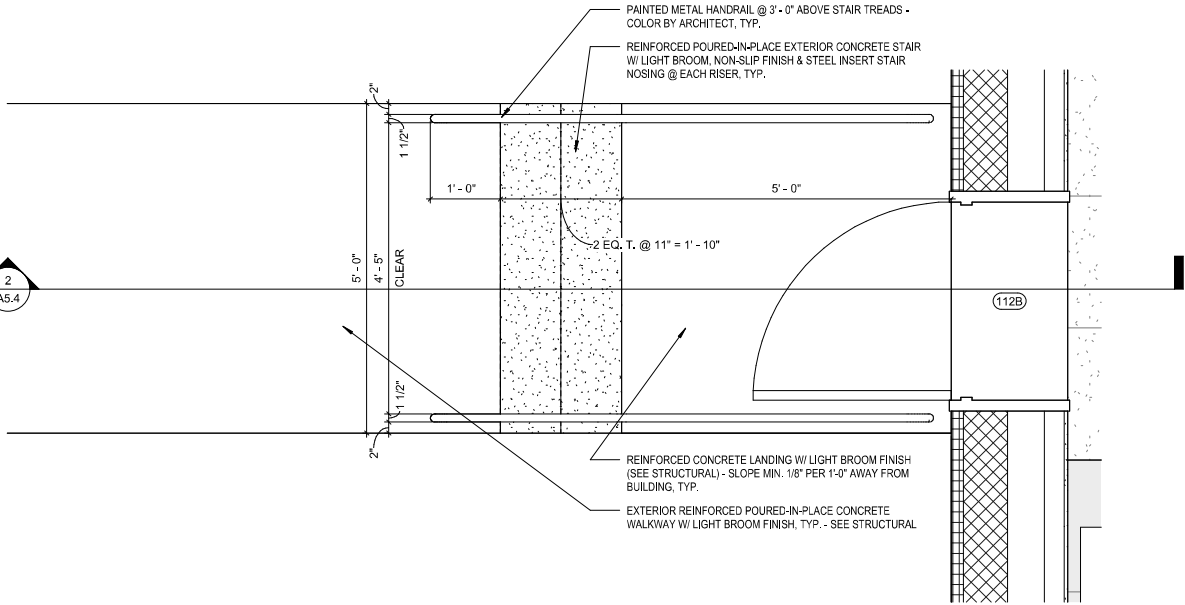
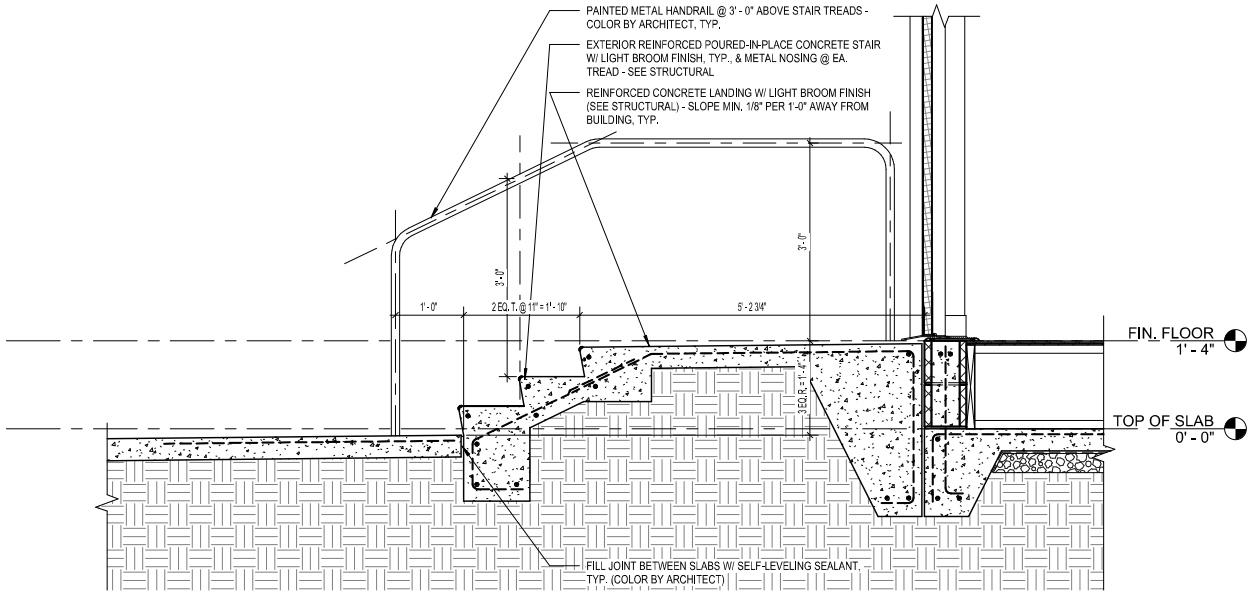
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ENLARGED STAIR
PLANS, SECTIONS,
DETAILS

Tallahassee Florida

A5.3

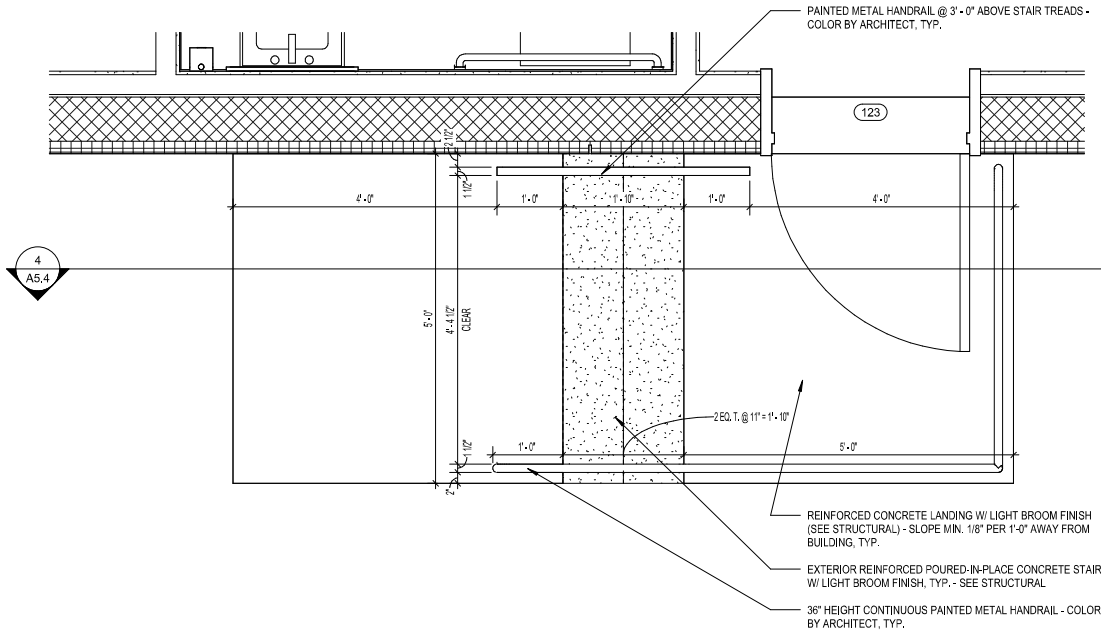
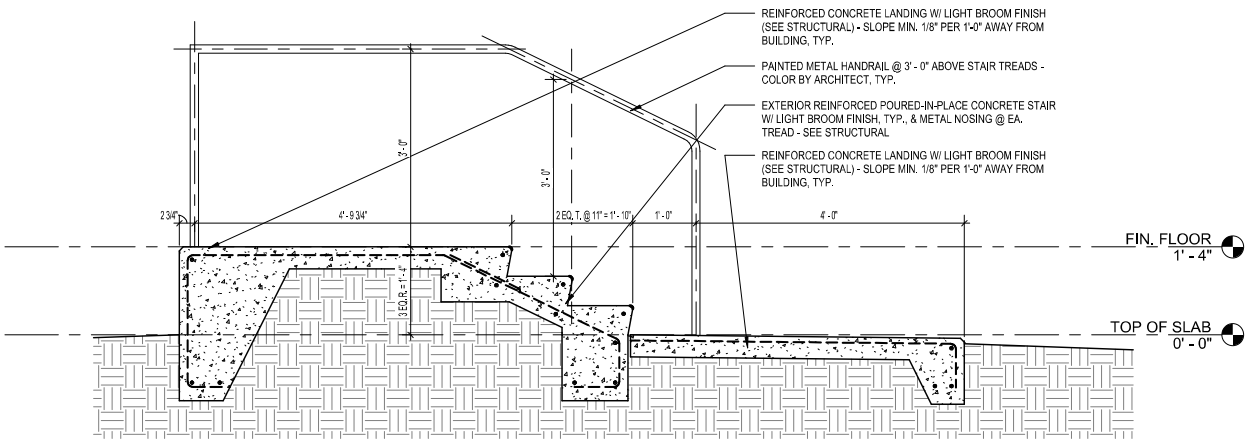


2 ENLARGED SECTION - BREAKOUT RM. STAIR

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

1 ENLARGED PLAN - BREAKOUT RM STAIR

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



4 ENLARGED SECTION - REAR STAIR

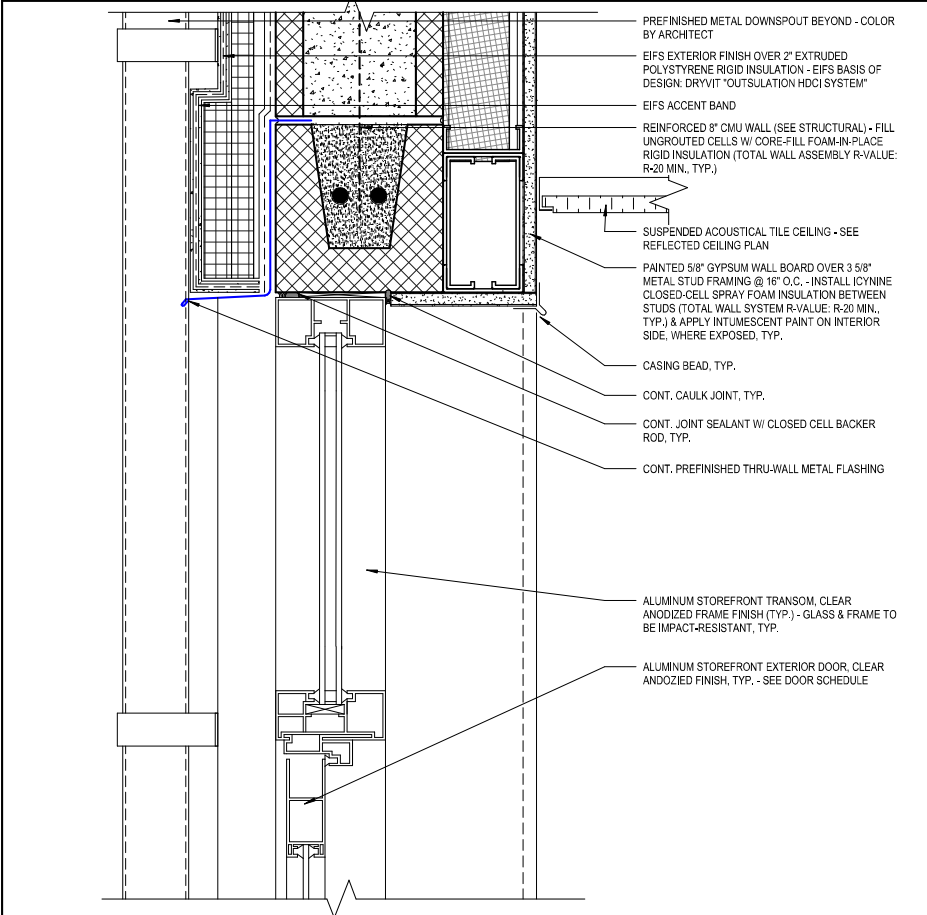
A5.4 3/4" = 1'-0"

3 ENLARGED PLAN - REAR EGRESS STAIR

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

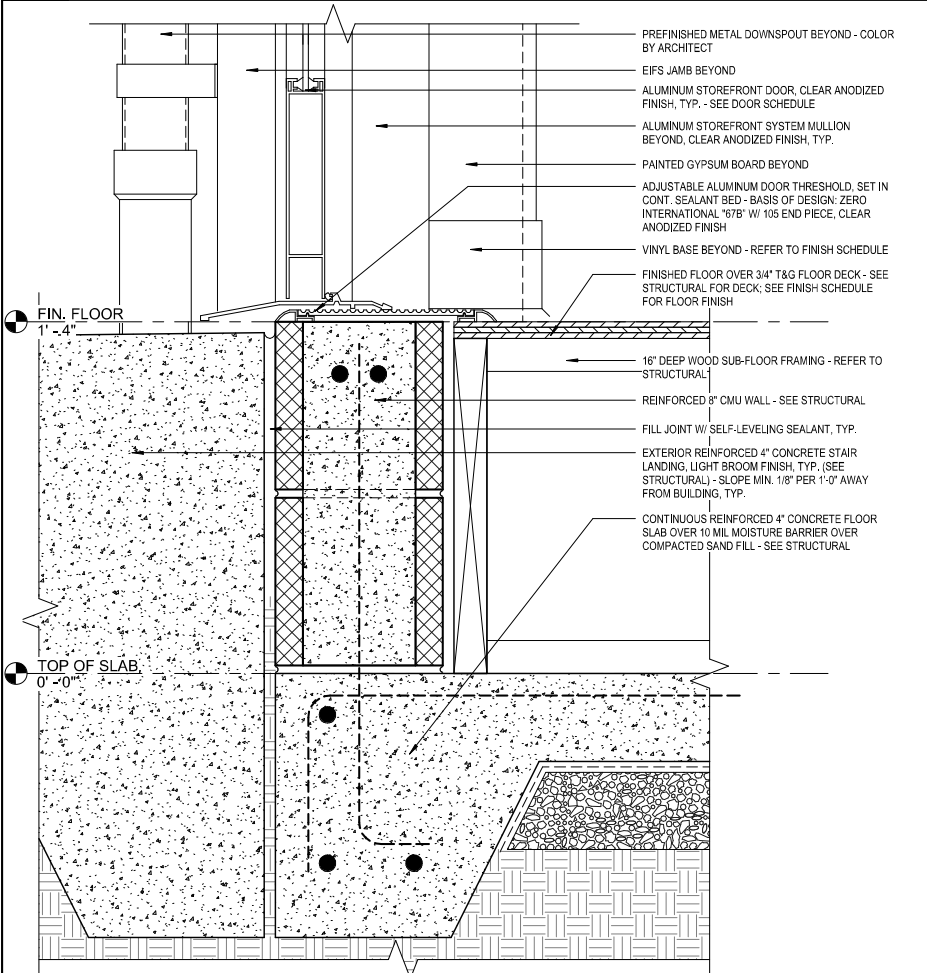
Design No. U419 July 4, 2025 Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5J) * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively. 1. Floor and Ceiling Runners — (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max. 1A. Framing Members* — Floor and Ceiling Runner — (Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max. CEMCO, LLC — Viper25™ Track CRACO MFG INC — SmartTrack25™ MARINOWARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track 1B. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. CEMCO, LLC — Viper20™ Track MARINOWARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track 1C. Framing Members* — Floor and Ceiling Runners — (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC max. ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20 CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20 QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20 SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20 STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20 TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20 UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20 1D. Floor and Ceiling Runners — (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC. 1E. Framing Members* — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC max. CLARKDietrich BUILDING SYSTEMS — CD ProTrack DMFCWBS L L C — ProTrack MBA METAL FRAMING — ProTrack RAM SALES L L C — Ram ProTrack STEEL STRUCTURAL PRODUCTS L L C — Tr-S ProTrack 1F. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1-1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. SUPER STUD BUILDING PRODUCTS — The Edge 1G. Framing Members* — Floor and Ceiling Runner — For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max. STUDCO BUILDING SYSTEMS — CROcSTUD Track 1H. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fasteners 24 in. OC max. MARINOWARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100 IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100 1I. Framing Members* — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC max. TELLING INDUSTRIES L L C — TRUE-TRACK™ 1J. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max. 1K. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. 1L. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. RESCUE METAL FRAMING, L L C — AlphaTrack 1M. Framing Members* — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud 1N. Framing Members* — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. OEG BUILDING MATERIALS — OEG Track 1O. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2Q, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max. CEMCO, LLC — Viper X Track 1P. Framing Members* — Floor and Ceiling Runner — (Not Shown — Alternate to Item 1) — For use with Item 2R, channel shaped runners pre-equipped with proprietary attachment clips. Min. 3-5/8 in. wide. Legs of bottom runners minimum 3-1/4 in. wide. Legs of bottom runners minimum 1-1/2 in. wide. Runners attached to floor and ceiling with fasteners 24 in. OC max. HYPERFRAME INC - HyperTrack 1Q. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2S , proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 20 EQ/22 mls. (min. 0.0221 in. thick) galvanized steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. JJC INTERNATIONAL DISTRIBUTORS — Non-structural Tracks 3-5/8" and 6". 1R. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2T, proprietary channel shaped runners ,min width to accommodate stud size, fabricated from min 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max IRONLINE METALS LLC — Bantam Track. 2. Steel Studs — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. 2A. Steel Studs — (As an alternate to Item 2, For use with Items 5B, 5C, 5H, 5J, or Type ULIX) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height. 2B. Framing Members* - Steel Studs — (As an alternate to Item 2, For use with Items 5C, 5I or Type ULIX) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only. CEMCO, LLC — Viper25™ CRACO MFG INC — SmartStud25™ MARINOWARE, DIV OF WARE INDUSTRIES INC — Viper25™ IMPERIAL MANUFACTURING GROUP INC — Viper25™ 2C. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. CEMCO, LLC — Viper20™ MARINOWARE, DIV OF WARE INDUSTRIES INC — Vipe20™ IMPERIAL MANUFACTURING GROUP INC — Viper20™	2D. Framing Members* — Steel Studs — In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20 CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20 QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20 SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20 STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20 TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20 UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20 2E. Framing Members* — Steel Studs — (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or Type ULIX only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. CLARKDietrich BUILDING SYSTEMS — CD ProStud DMFCWBS L L C — ProStud MBA METAL FRAMING — ProStud RAM SALES L L C — Ram ProStud STEEL STRUCTURAL PRODUCTS L L C — Tr-S ProStud 2F. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights. SUPER STUD BUILDING PRODUCTS — The Edge 2G. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height. STUDCO BUILDING SYSTEMS — CROcSTUD 2H. Framing Members* — Steel Studs — (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. TELLING INDUSTRIES L L C — TRUE-STUD™ 2I. Framing Members* — Steel Studs — 2J. Framing Members* — Metal Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights 2K. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. EB METAL INC — NITROSTUD 2L. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. OLMAR SUPPLY INC — PRIMESTUD 2M. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. MARINOWARE, DIV OF WARE INDUSTRIES INC — StudRite™ 2N. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and, as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height. RESCUE METAL FRAMING, L L C — AlphaSTUD 2O. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max. RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud 2P. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max. OEG BUILDING MATERIALS — OEG Stud 2Q. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1O, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. CEMCO, LLC — Viper X 2R. Framing Members* — Steel Studs — (Not Shown — Alternate to Item 2, For use with Item 1P) — Channel shaped steel studs with attachment clips at top and bottom, min 3-5/8 in. depth, spaced a max of 24 in. OC. Studs clipped into floor and ceiling runners (Item 1P). Max 2-3/8 in. extension reveal from top of stud to inside of ceiling runner. HYPERFRAME INC — Hyperstud 2S. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1Q, proprietary channel shaped steel studs. min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min. 20 EQ/22 mls. (min. 0.0221 in. thick) galvanized steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. JJC INTERNATIONAL DISTRIBUTORS — Non-structural Studs 3-5/8" and 6". 2T. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1R, proprietary channel shaped steelstuds, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights. IRONLINE METALS LLC — Bantam Stud. 3. Wood Structural Panel Sheathing — (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in, thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC P51 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC, in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in. 4. Batts and Blankets* — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies. 4A. Batts and Blankets* — (Optional — as an alternate to Item 4) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies. 4B. Fiber, Sprayed* — (Optional — as an alternate for Items 4 or 4A, for use with Type ULIX) Where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCAZ). AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus 4C. Foamed Plastic* — (As an alternate for items 4, 4A or 4B, for use with Item 5K) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thickness. CARLISLE SPRAY FOAM INSULATION — Types SealTite ONE, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamulate Closed Cell, Foamulate OCX, Foamulate T0, and Foamulate HFO. 4D. Foamed Plastic* — (As an alternate for items 4, 4A or 4B, for use with Item 5K) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for up to 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thickness. BASF CORP - Enertite® MM, Enertite® G, FE178®, Spraytite® 178, Spraytite® 81206, Walltite® 200, Walltite® US, Walltite® US-N, Walltite HP+, FE137®, FE158®, Spraytite® 158, Spraytite® SP, Spraytite® 81205, Spraytite® Comfort XL, Walltite® XL, Walltite® MAX, Walltite® LWP, Walltite® Plus, Walltite® One, and Enertite® Max 4E. Foamed Plastic* — (As an alternate to Item 4 for use with Item 5L) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for up to 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thickness. BASF CORP - Walltite® v.5 5. Gypsum Board* — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) with Type ULIX need not be staggered. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows: Gypsum Board Protection on Each Side of Wall 5H. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, WRX or WRC. 3/4 in. thick Types IP-X3 or ULTRACODE THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick SCX UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or ULTRACODE USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or 3/4 in. thick Types IP-X3 or ULTRACODE	5I. Gypsum Board* — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5. CGC INC — Type ULIX, ULX UNITED STATES GYPSUM CO — Type ULIX, ULX USG MEXICO S A DE C V — Type ULX 5J. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified. For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9%, meeting the Federal specification QQ-A-3201f, Grade "C". RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall 5K. Gypsum Board* — (As an alternate to Item 5 when Foam Plastic insulation (Items 4C or 4D) is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above, Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and in the field. For 2 layer assemblies outer layer will be attached to studs over inner layer with the 1-7/8 in. long steel screws spaced 8 in. OC. 5L. Gypsum Board* — (As an alternate to Item 5 when Foam Plastic insulation (Items 4E) is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above. Additional layer of Gypsum Board is required to what is shown in Item 5 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. For 2 layer assemblies inner layer attached to studs with 1-1/4 in. long Type S steel screws spaced 8 in. OC, outer layer will be attached to studs over inner layer with the 1-7/8 in. long steel screws spaced 8 in. OC. For 3 layer assemblies inner layers installed as described in the 2 layer system above, third layer attached to studs over inner layers with 2-5/8 in. long steel screws spaced 8 in. OC. 6. Fasteners — (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 4) is 3 in. and two layers of gypsum board panels 1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6. When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in. and two layers of gypsum board panels 1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6. 5A. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6. CGC INC — Type SHX. UNITED STATES GYPSUM CO — Type FRX-G, SHX. USG MEXICO S A DE C V — Type SHX. 5B. Gypsum Board* — (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5. Wallboard Protection on Each Side of Wall table, Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12). RAY-BAR ENGINEERING CORP — Type RB-LBG 5C. Gypsum Board* — (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory. CGC INC — Type SCX, ULIX. THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX UNITED STATES GYPSUM CO — Type SCX, SGX, ULIX. USG BORAL DRYWALL SFZ LLC — Type SCX USG MEXICO S A DE C V — Type SCX 5D. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only. CGC INC — Type USGX UNITED STATES GYPSUM CO — Type USGX USG BORAL DRYWALL SFZ LLC — Type USGX USG MEXICO S A DE C V — Type USGX 5E. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine drill®) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco 5F. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only. Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in. THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX, ULIX USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type SCX, SGX 5G. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E only. Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows: Gypsum Board Protection on Each Side of Wall 5H. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E only. Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in. THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or ULTRACODE USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or 3/4 in. thick Types IP-X3 or ULTRACODE 5I. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5. Wallboard Protection on Each Side of Wall table, Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A). MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum
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Project Code	Checked By:	DS
17 APRIL 2026		
Date		
100% CONSTRUCTION DOCUMENTS		
Revisions		
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7 ENTRY SF DOOR HEAD DETAIL

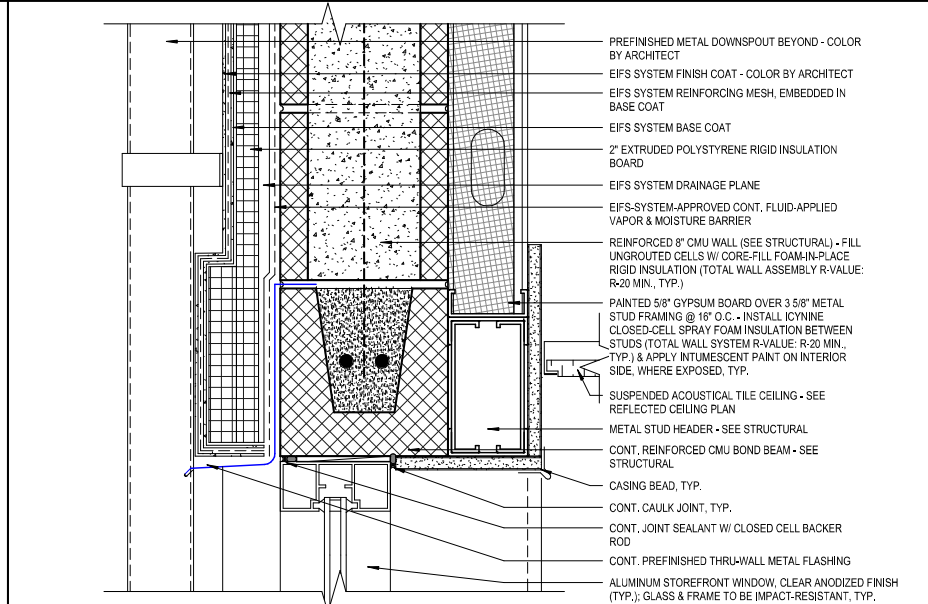
A6.1 3" = 1'-0"



8 ENTRY SF THRESH. DETAIL

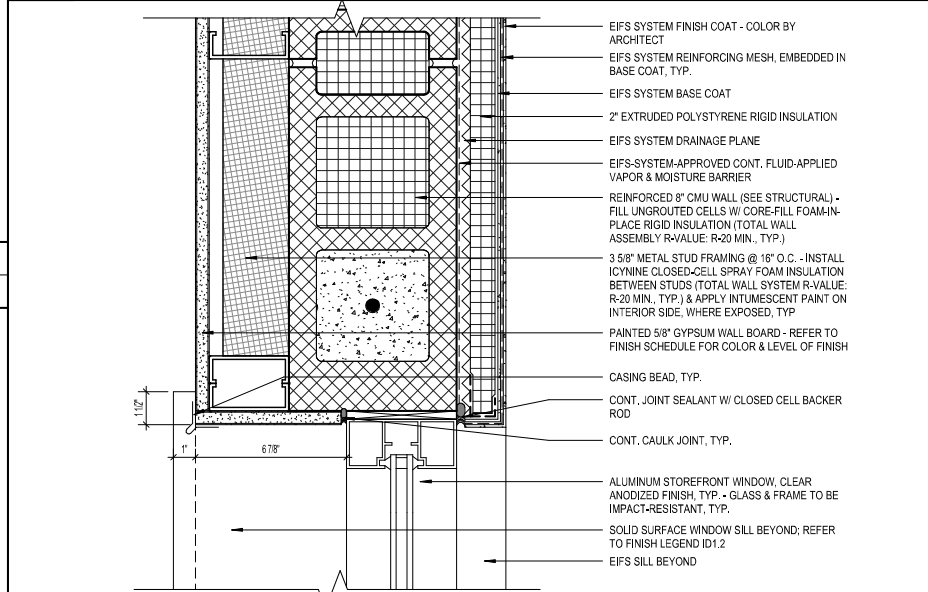
A6.1 3" = 1'-0"

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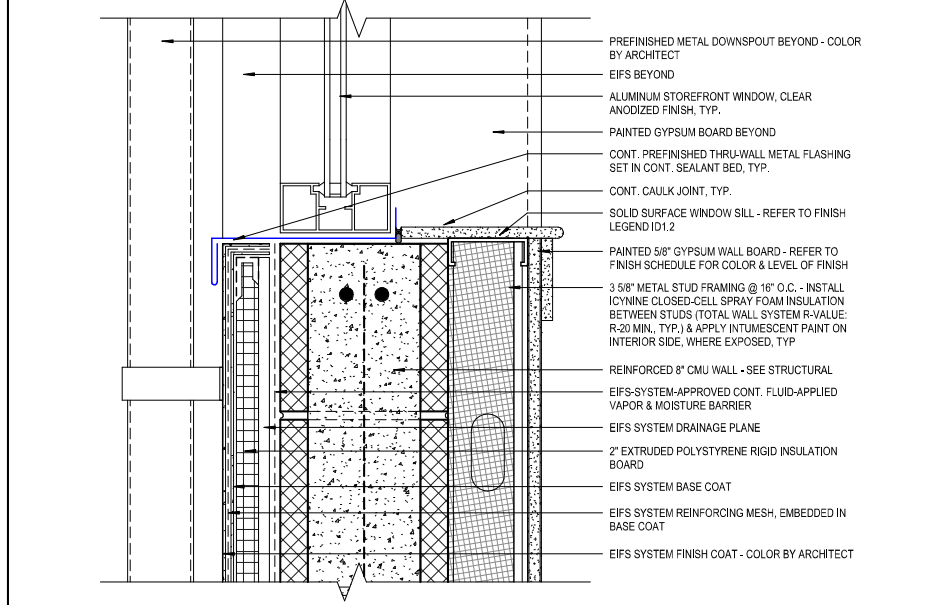
4 TYP. SF WINDOW HEAD DETAIL

A6.1 3" = 1'-0"



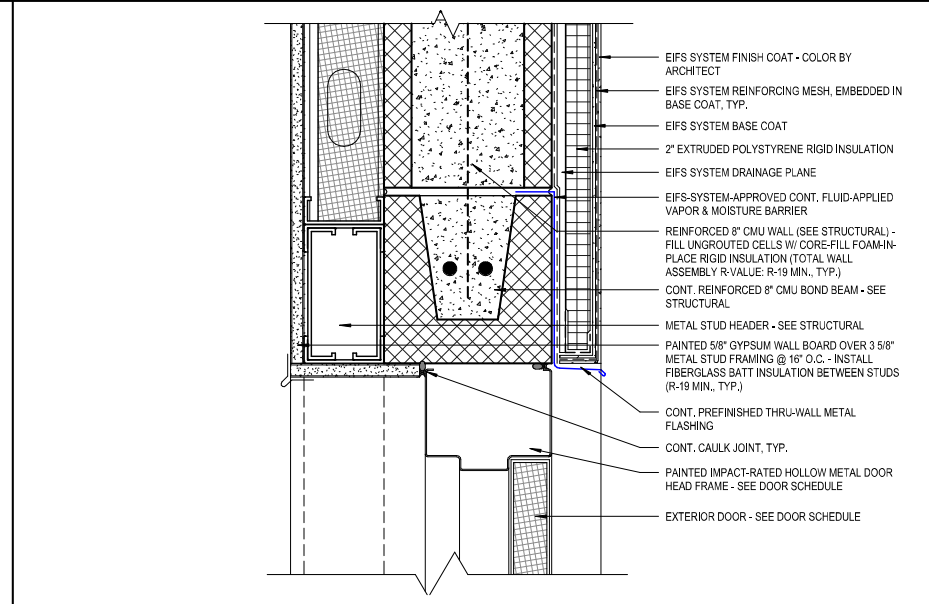
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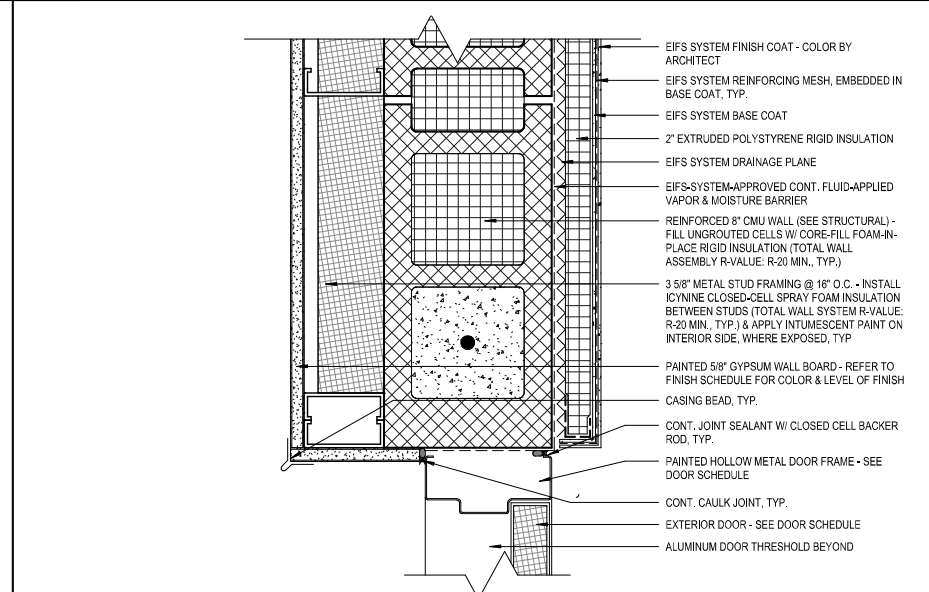
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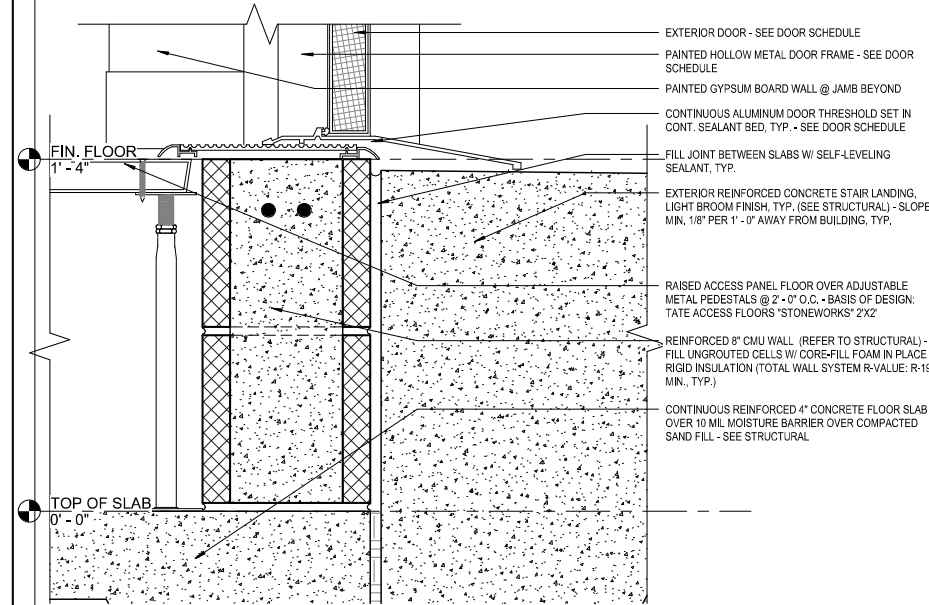
1 EXT. HM DOOR HEAD DETAIL

A6.1 3" = 1'-0"



2 EXT. HM DOOR JAMB DETAIL

A6.1 3" = 1'-0"



3 EXT. HM DOOR THRESH. DETAIL

A6.1 3" = 1'-0"

NOTES

BFBS
ARCHITECTS

FRANKLIN COUNTY
EMERGENCY
OPERATIONS
CENTER

19001 Drawn By: JM
Project Code Checked By: DS

17 APRIL 2026

Date

100%
CONSTRUCTION
DOCUMENTS

Revisions

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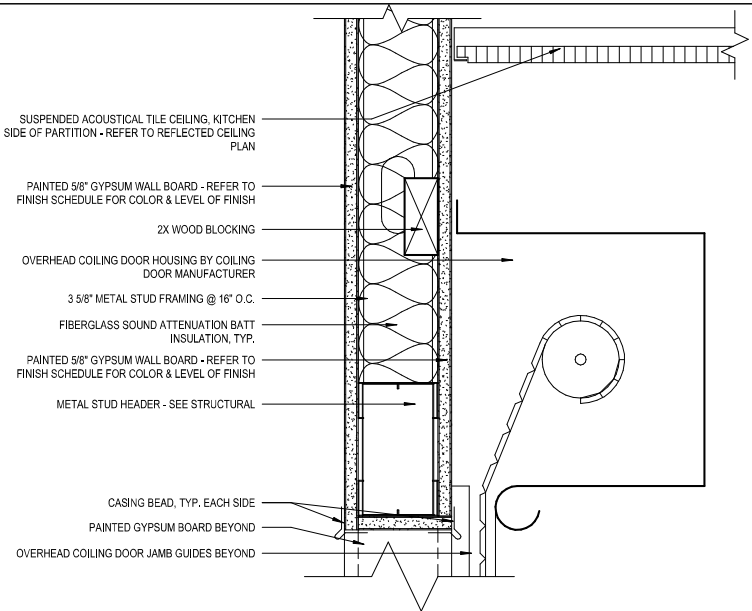
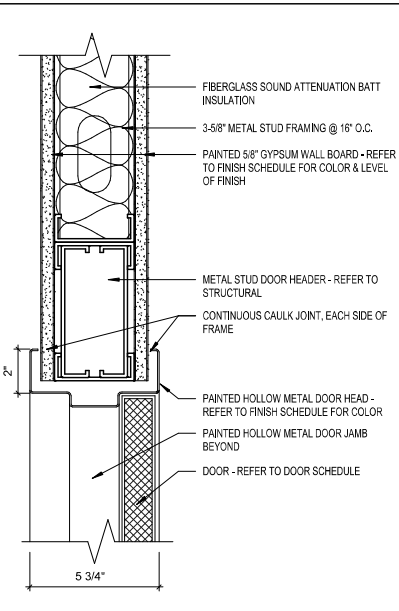
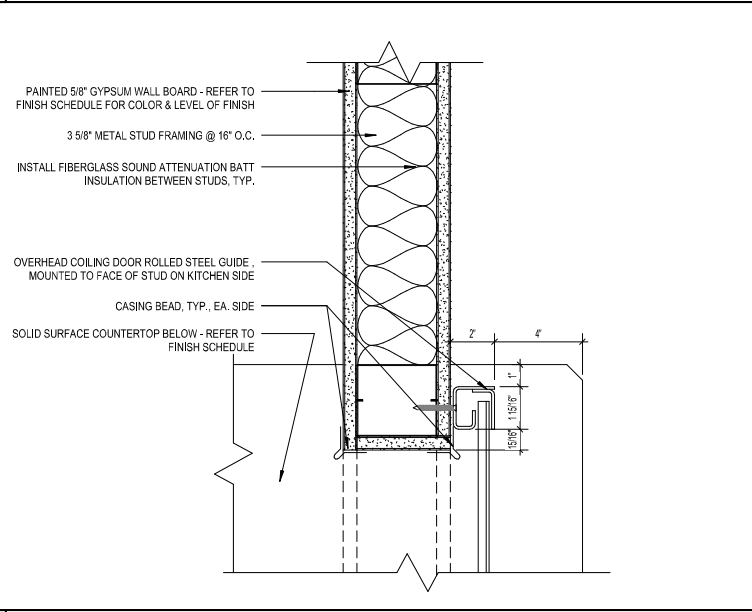
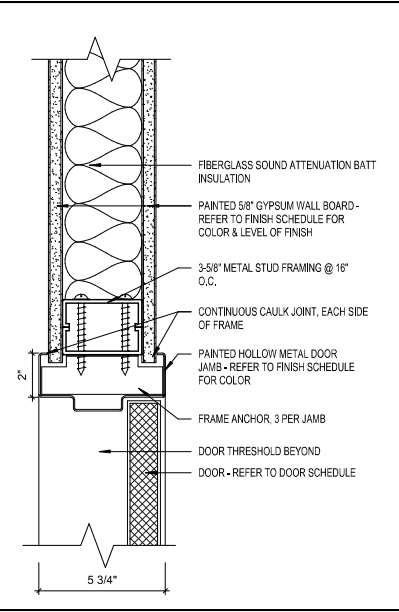
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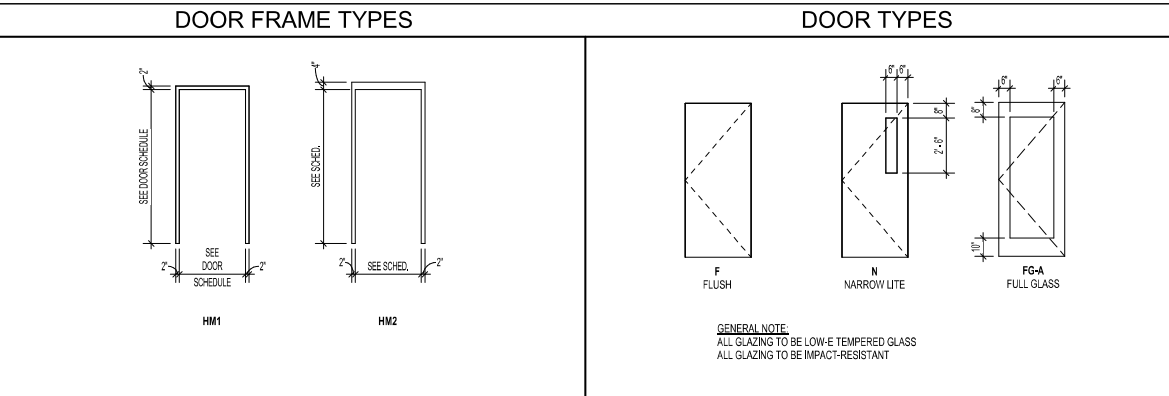
Tallahassee

Florida

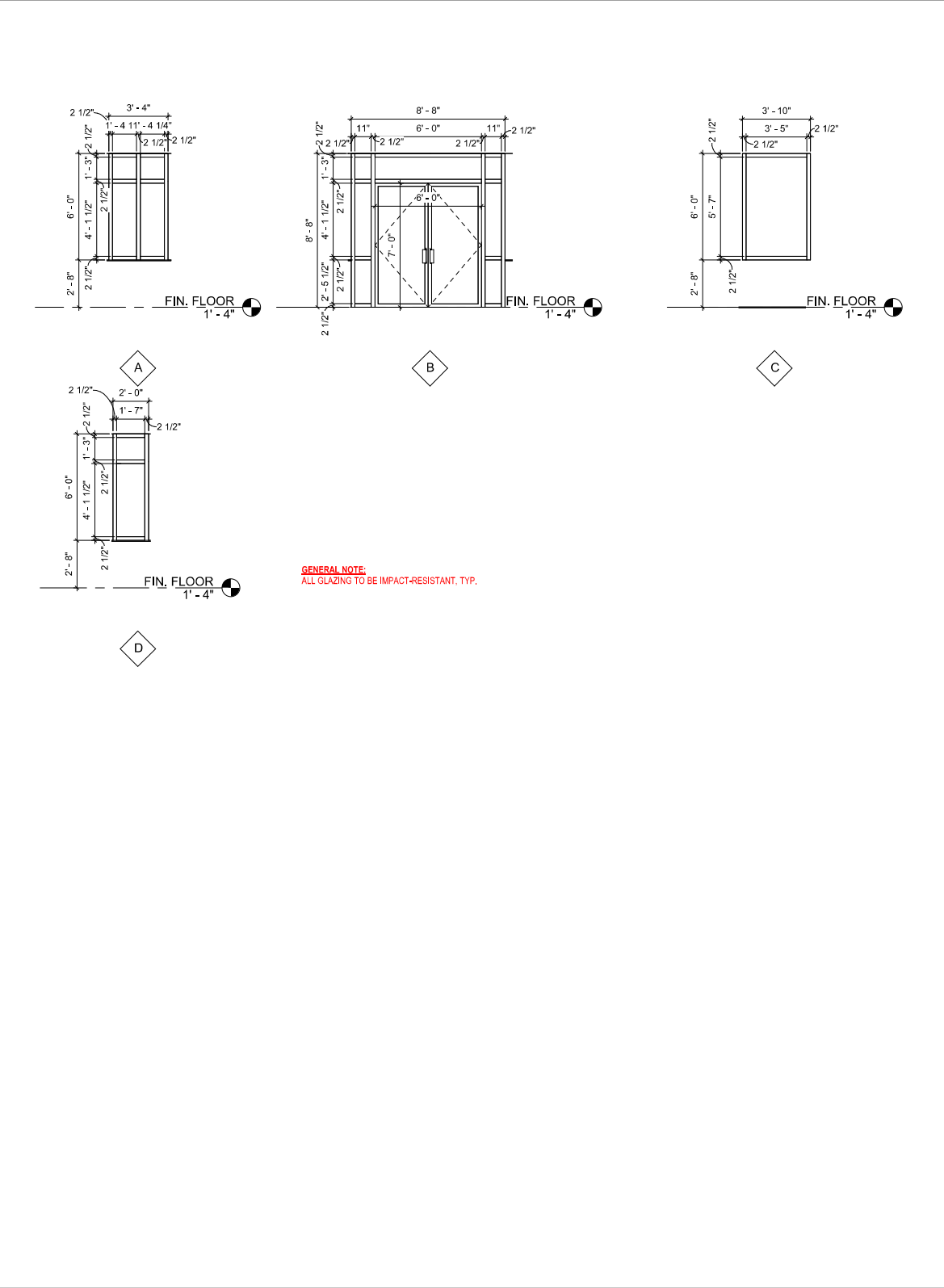
A6.1

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6878

	 SUSPENDED ACOUSTICAL TILE CEILING, KITCHEN SIDE OF PARTITION - REFER TO REFLECTED CEILING PLAN PAINTED 5/8" GYPSUM WALL BOARD - REFER TO FINISH SCHEDULE FOR COLOR & LEVEL OF FINISH 2X WOOD BLOCKING OVERHEAD COILING DOOR HOUSING BY COILING DOOR MANUFACTURER 3 5/8" METAL STUD FRAMING @ 16" O.C. FIBERGLASS SOUND ATTENUATION BATT INSULATION, TYP. PAINTED 5/8" GYPSUM WALL BOARD - REFER TO FINISH SCHEDULE FOR COLOR & LEVEL OF FINISH METAL STUD HEADER - SEE STRUCTURAL CASING BEAD, TYP, EACH SIDE PAINTED GYPSUM BOARD BEYOND OVERHEAD COILING DOOR JAMB GUIDES BEYOND	 FIBERGLASS SOUND ATTENUATION BATT INSULATION 3-5/8" METAL STUD FRAMING @ 16" O.C. PAINTED 5/8" GYPSUM WALL BOARD - REFER TO FINISH SCHEDULE FOR COLOR & LEVEL OF FINISH METAL STUD DOOR HEADER - REFER TO STRUCTURAL CONTINUOUS CAULK JOINT, EACH SIDE OF FRAME PAINTED HOLLOW METAL DOOR HEAD - REFER TO FINISH SCHEDULE FOR COLOR PAINTED HOLLOW METAL DOOR JAMB BEYOND DOOR - REFER TO DOOR SCHEDULE
	3 A6.2 OVERHEAD COILING DR HEAD DETAIL 3" = 1'-0"	1 A6.2 INT HM DOOR HEAD DETAIL 3" = 1'-0"
	 PAINTED 5/8" GYPSUM WALL BOARD - REFER TO FINISH SCHEDULE FOR COLOR & LEVEL OF FINISH 3 5/8" METAL STUD FRAMING @ 16" O.C. INSTALL FIBERGLASS SOUND ATTENUATION BATT INSULATION BETWEEN STUDS, TYP. OVERHEAD COILING DOOR ROLLED STEEL GUIDE, MOUNTED TO FACE OF STUD ON KITCHEN SIDE CASING BEAD, TYP., EA. SIDE SOLID SURFACE COUNTERTOP BELOW - REFER TO FINISH SCHEDULE	 FIBERGLASS SOUND ATTENUATION BATT INSULATION PAINTED 5/8" GYPSUM WALL BOARD - REFER TO FINISH SCHEDULE FOR COLOR & LEVEL OF FINISH 3-5/8" METAL STUD FRAMING @ 16" O.C., CONTINUOUS CAULK JOINT, EACH SIDE OF FRAME PAINTED HOLLOW METAL DOOR JAMB - REFER TO FINISH SCHEDULE FOR COLOR FRAME ANCHOR, 3 PER JAMB DOOR THRESHOLD BEYOND DOOR - REFER TO DOOR SCHEDULE
	4 A6.2 OVERHEAD COILING DR JAMB DETAIL 3" = 1'-0"	2 A6.2 INT HM DOOR JAMB DETAIL 3" = 1'-0"



STOREFRONT TYPES



DOOR SCHEDULE													
DOOR NO.	FIRE RATING	WIDTH	HEIGHT	THICKNESS	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME FINISH	HARDWARE SET	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	REMARKS
101A		6' - 0"	7' - 0"	0' - 1 3/4"	FG-A	CLR. ANOD.	SF B	CLR. ANOD.	MANUF.	7/A6.1	5/A6.1	8/A6.1	ELECTRIC STRIKE
101B		6' - 0"	7' - 0"	0' - 1 3/4"	FG-A	PREFIN.	HM1	PT	1	1/A6.2	2/A6.2	N/A	
102A		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
102B		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
103		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
104A		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
104B		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
105		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
106		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	4	1/A6.2	2/A6.2	N/A	
109		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
110		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	3	1/A6.2	2/A6.2	N/A	
111		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
112A		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	6	1/A6.2	2/A6.2	N/A	
112B		3' - 0"	7' - 0"	0' - 1 3/4"	F	PT	HM2	PT	1	1/A6.1	2/A6.1	3/A6.1	HOLLOW METAL DOOR
113		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	2	1/A6.2	2/A6.2	N/A	
114A		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	2	1/A6.2	2/A6.2	N/A	
114B		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	2B	1/A6.2	2/A6.2	N/A	
115	45 MIN.	3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	4	1/A6.2	2/A6.2	N/A	
116		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	2	1/A6.2	2/A6.2	N/A	
117A		3' - 0"	7' - 0"	0' - 1 3/4"	N	PREFIN.	HM1	PT	2B	1/A6.2	2/A6.2	N/A	
117B		8' - 0"	3' - 8"	0' - 1 3/4"	OC	PT	N/A	N/A	MANUF.	3/A6.2	4/A6.2	N/A	OVERHEAD COILING
118		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	5	1/A6.2	2/A6.2	N/A	
119		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	5	1/A6.2	2/A6.2	N/A	
120		6' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	3	1/A6.2	2/A6.2	N/A	
121		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	4	1/A6.2	2/A6.2	N/A	
122		6' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	3	1/A6.2	2/A6.2	N/A	
123		3' - 0"	7' - 0"	0' - 1 3/4"	F	PT	HM2	PT	1	1/A6.1	2/A6.1	3/A6.1	HOLLOW METAL DOOR
124		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	5	1/A6.2	2/A6.2	N/A	
125A	45 MIN.	3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	4	1/A6.2	2/A6.2	N/A	
125B		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	4	1/A6.2	2/A6.2	N/A	
132		3' - 0"	7' - 0"	0' - 1 3/4"	F	PREFIN.	HM1	PT	5	1/A6.2	2/A6.2	N/A	

HARDWARE SET 1: ENTRY FUNCTION			
3	HINGES	FBB-168	US26D STANLEY
1	LOCKSET	AL50 - JUPITER	626 SCHLAGE
1	ELECTRIC STRIKE	HES1500	US32D
1	CLOSER	#18301BF	ALU NORTON
1	KICK PLATE	#K1050 - 8" HIGH	S.S. ROCKWOOD
3	SILENCERS	#308	BLK ROCKWOOD
HARDWARE SET 2: STORAGE FUNCTION			
3	HINGES	FBB-168	US26D STANLEY
1	LOCKSET	AL80 - JUPITER	626 SCHLAGE
1	CLOSER	#18301BF	ALU NORTON
1	KICK PLATE	#K1050 - 8" HIGH	S.S. ROCKWOOD
3	SILENCERS	#308	BLK ROCKWOOD
1	DOOR STOP	#409	US26D ROCKWOOD
HARDWARE SET 2B: STORAGE FUNCTION			
3	HINGES	FBB-168	US26D STANLEY
1	LOCKSET	AL80 - JUPITER	626 SCHLAGE
1	ELECTRIC STRIKE	HES1500	US32D
1	CLOSER	#18301BF	ALU NORTON
1	KICK PLATE	#K1050 - 8" HIGH	S.S. ROCKWOOD
3	SILENCERS	#308	BLK ROCKWOOD
1	DOOR STOP	#409	US26D ROCKWOOD
HARDWARE SET 3: STORAGE (HVAC) FUNCTION			
3	HINGES	FBB-168	US26D STANLEY
1	LOCKSET	AL170 - JUPITER	626 SCHLAGE
1	CLOSER	#18301BF	ALU NORTON
1	FLUSH BOLT	#FB358	US26D IVES
1	KICK PLATE	#K1050 - 8" HIGH	S.S. ROCKWOOD
HARDWARE SET 4: PASSAGE FUNCTION			
3	HINGES	FBB-168	US26D STANLEY
1	PUSH PLATE	#8200	US26D IVES
1	PULL PLATE	#8303	US26D IVES
1	CLOSER	#18301BF	ALU NORTON
1	KICK PLATE	#K1050 - 8" HIGH	S.S. ROCKWOOD
3	SILENCERS	#308	BLK ROCKWOOD
1	DOOR STOP	#409	US26D ROCKWOOD
HARDWARE SET 5: RESTROOM FUNCTION			
3	HINGES	FBB-168	US26D STANLEY
1	LOCKSET	AL40 - JUPITER	626 SCHLAGE
1	CLOSER	#18301BF	ALU NORTON
1	KICK PLATE	#K1050 - 8" HIGH	S.S. ROCKWOOD
3	SILENCERS	#308	BLK ROCKWOOD
1	DOOR STOP	#409	US26D ROCKWOOD
HARDWARE SET 6: OFFICE FUNCTION			
3	HINGES	FBB-168	US26D STANLEY
1	LOCKSET	AL50 - JUPITER	626 SCHLAGE
1	ELECTRIC STRIKE	HES1500	US32D
1	CLOSER	#18301BF	ALU NORTON
1	KICK PLATE	#K1050 - 8" HIGH	S.S. ROCKWOOD
3	SILENCERS	#308	BLK ROCKWOOD
1	DOOR STOP	#409	US26D ROCKWOOD
*PROVIDE IN WALL BLOCKING FOR WALL MOUNTED DOOR STOP			

NOTES



FRANKLIN COUNTY
EMERGENCY
OPERATIONS
CENTER

19001 Drawn By: JM
Project Code Checked By: DS

17 APRIL 2026

Date

100%
CONSTRUCTION
DOCUMENTS

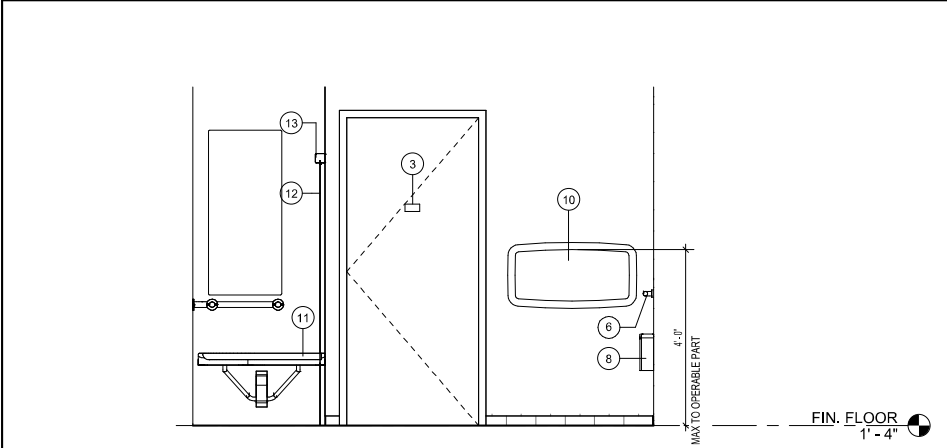
Revisions
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SCHEDULES

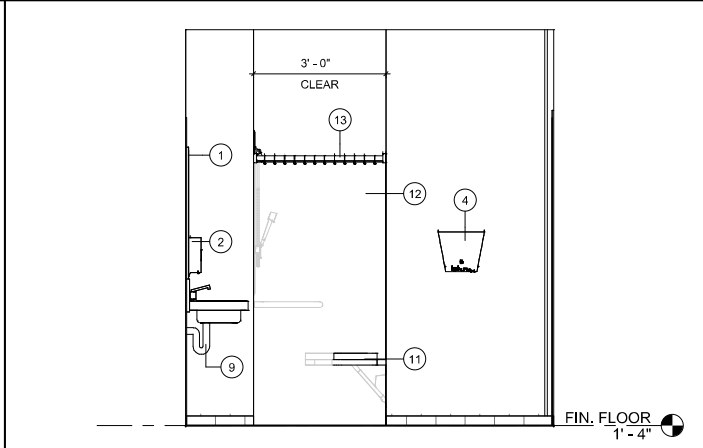
Tallahassee Florida

A7.1

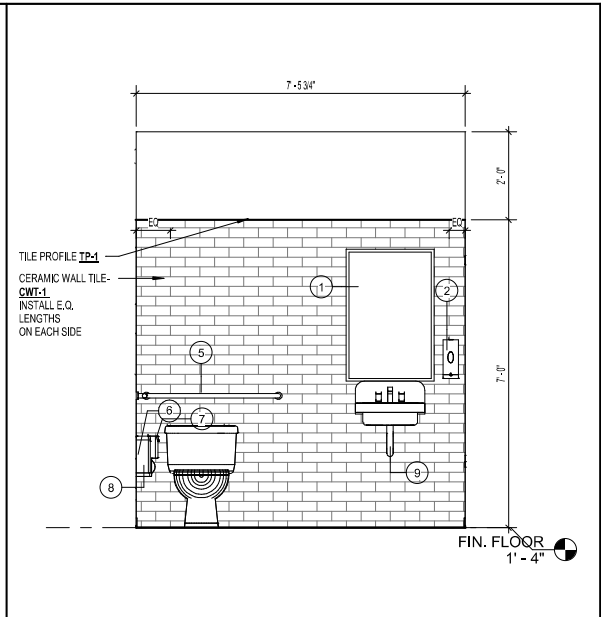
RESTROOM ACCESSORIES LEGEND					
	ITEM	MANUF.	PRODUCT #	COLOR/FINISH	COMMENTS
1	ADA WALL MOUNTED FIXED MIRROR	BOBRICK	MODEL B-290 2436	SATIN FINISHES STAINLESS STEEL	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
2	AUTOMATIC SURFACE MOUNTED SOAP DISPENSER	BOBRICK	MODEL B-2012	SATIN FINISHED STAINLESS STEEL	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
3	SURFACE MOUNTED BACK OF STALL DOOR COAT HOOK	BOBRICK	MODEL B-9542	SATIN FINISHED STAINLESS STEEL	BACK OF ALL STALL DOORS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
4	AUTOMATIC HAND DRYER	BOBRICK	MODEL B-7125	SATIN FINISHED STAINLESS STEEL	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
5	BACK OF TOILET ADA GRAB BAR	BOBRICK	MODEL B-9806X36	SATIN FINISHED STAINLESS STEEL	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
6	SIDE WALL ADA GRAB BAR	BOBRICK	MODEL B-9806X42	SATIN FINISHED STAINLESS STEEL	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
7	SURFACE MOUNTED TOILET TISSUE DISPENSER	BOBRICK	MODEL B-2888	SATIN FINISHED STAINLESS STEEL	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
8	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	MODEL B-270	SATIN FINISHED STAINLESS STEEL	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
9	ADA UNDER SINK PLUMBING PROTECTION	TRUEBRO	LAV GUARD E-Z	WHITE	AT ALL ADA LAVS
10	SURFACE MOUNTED BABY CHANGING STATION	KOALA KARE	KB310-SSWM	WHITE	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
11	REVERSIBLE PHENOLIC FOLDING SHOWER SEAT	BOBRICK	MODEL B-5181	PHENOLIC - WHITE	SEE A8.1 FOR ALL LOCATIONS; SEE CS.2 FOR ALL MOUNTING HEIGHTS
12	WHITE MATTE, OPAQUE SHOWER CURTAIN	BOBRICK	MODEL 204-2	MATTE WHITE	42" W X 72" H
13	CLASSIC SERIES EXTRA HEAVY-DUTY SHOWER CURTAIN ROD	BOBRICK	B6047X36	20 GA. STEEL, SATIN FINISH	72" A.F.F.



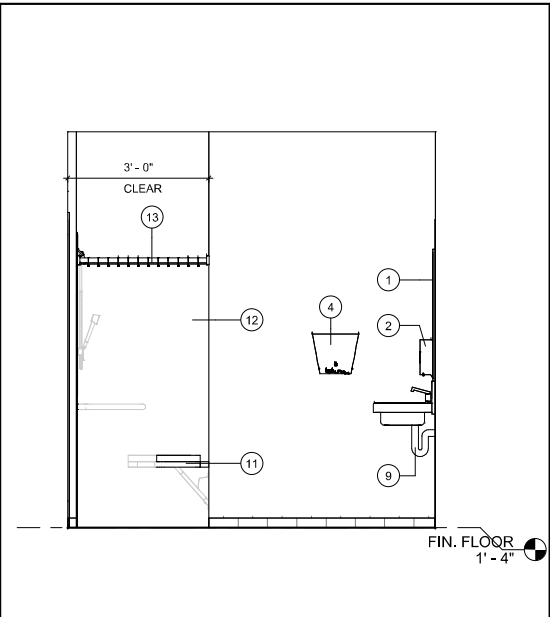
9	RR/119 ELEV. 04
A8.1	1/2" = 1'-0"



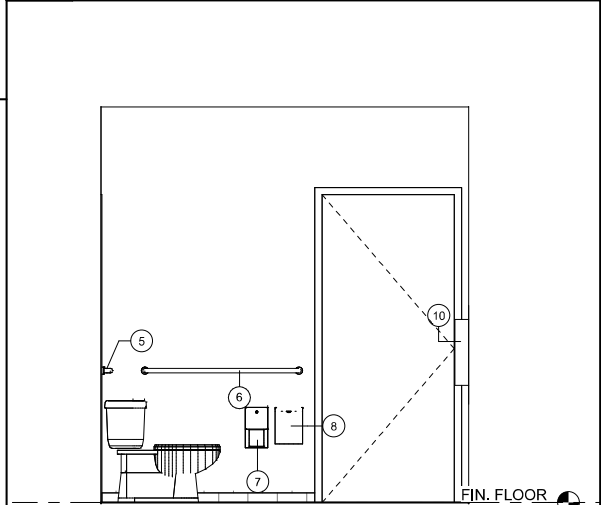
7	RR/119 ELEV. 03
A8.1	1/2" = 1'-0"



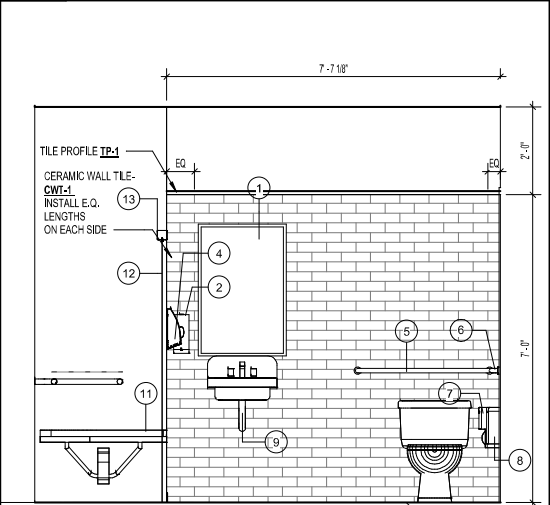
5	RR/119 ELEV. 01
A8.1	1/2" = 1'-0"



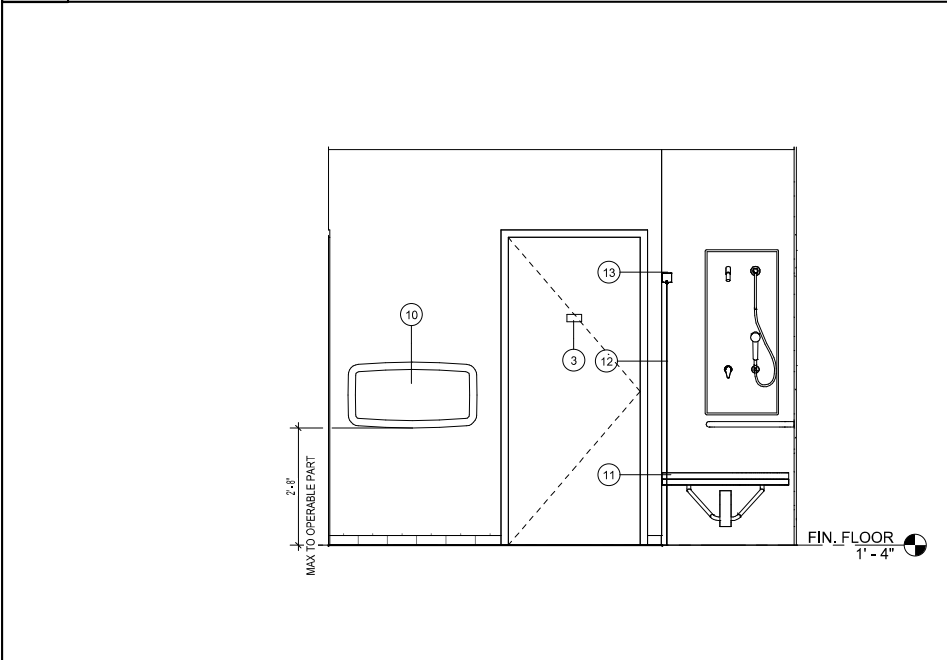
4	RR/118 ELEV. 03
A8.1	1/2" = 1'-0"



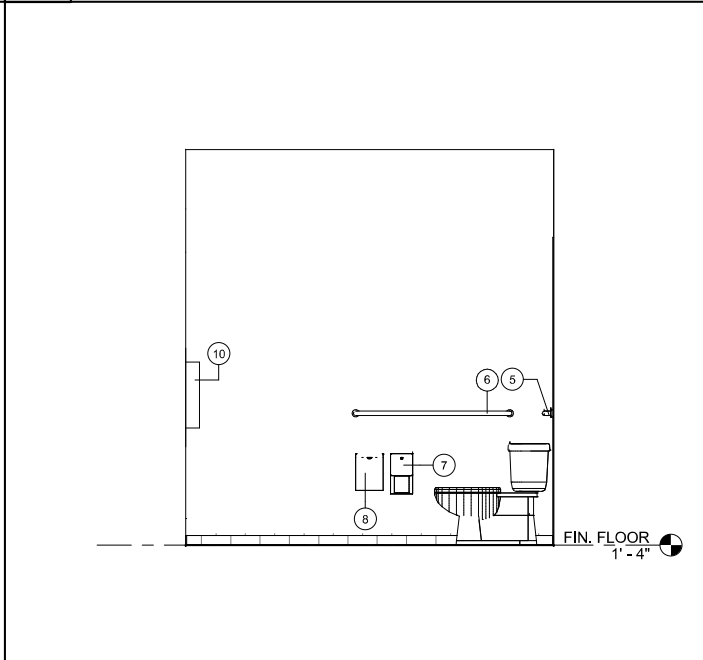
3	RR/118 ELEV. 02
A8.1	1/2" = 1'-0"



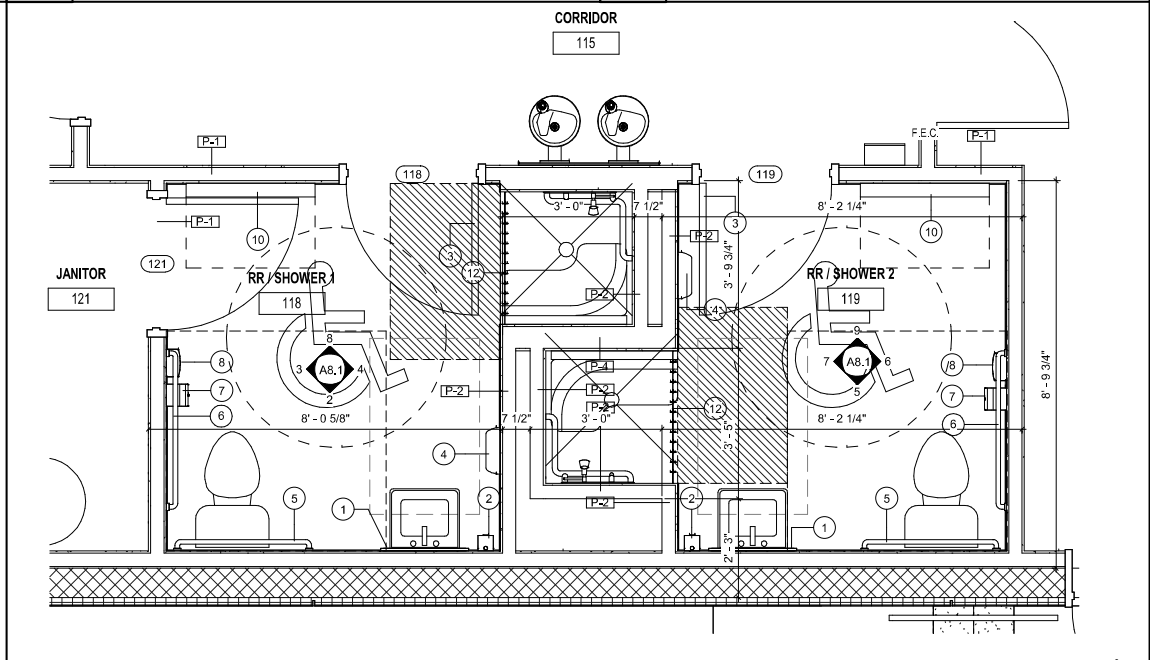
2	RR/118 ELEV. 01
A8.1	1/2" = 1'-0"



8	RR/118 ELEV. 04
A8.1	1/2" = 1'-0"



6	RR/119 ELEV. 02
A8.1	1/2" = 1'-0"



1	ENLARGED RESTROOM PLAN
A8.1	1/2" = 1'-0"

NOTES



FRANKLIN COUNTY
EMERGENCY
OPERATIONS
CENTER

19001 Drawn By: JM
Project Code Checked By: DS

17 APRIL 2026

Date

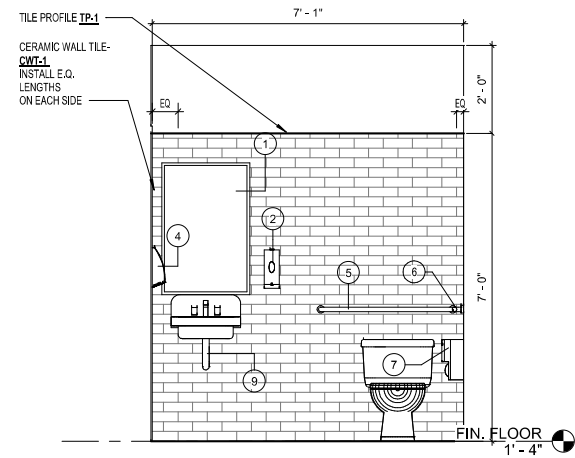
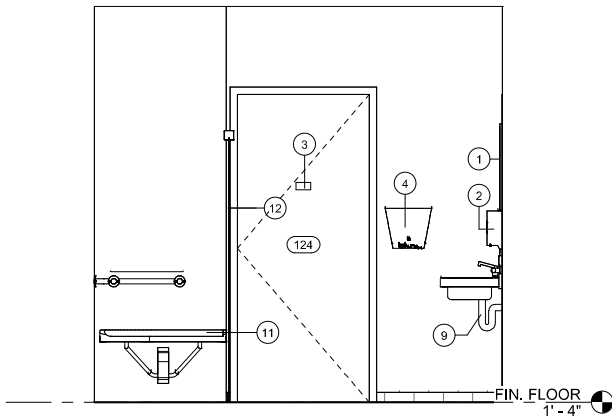
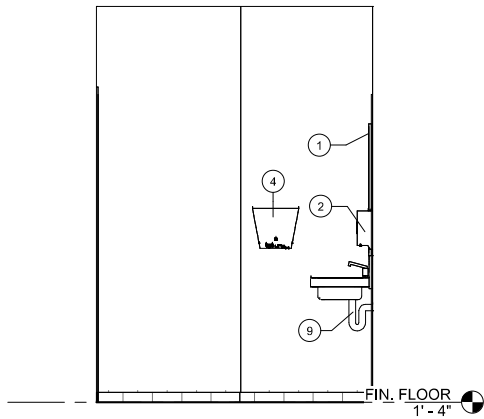
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INTERIOR
ELEVATIONS

Tallahassee Florida

A8.1



9	RR 132 / ELEV. 03
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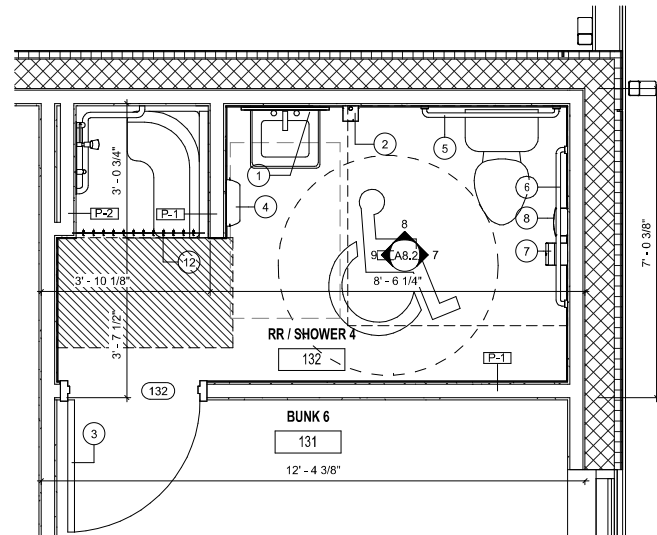
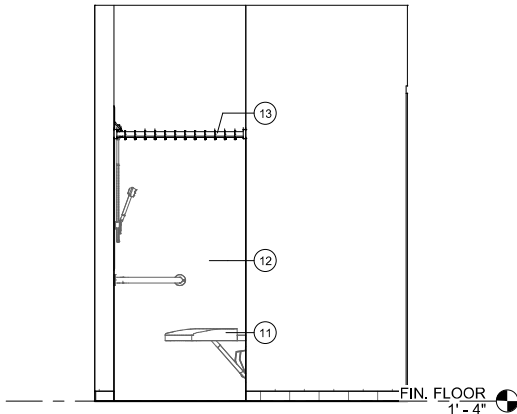
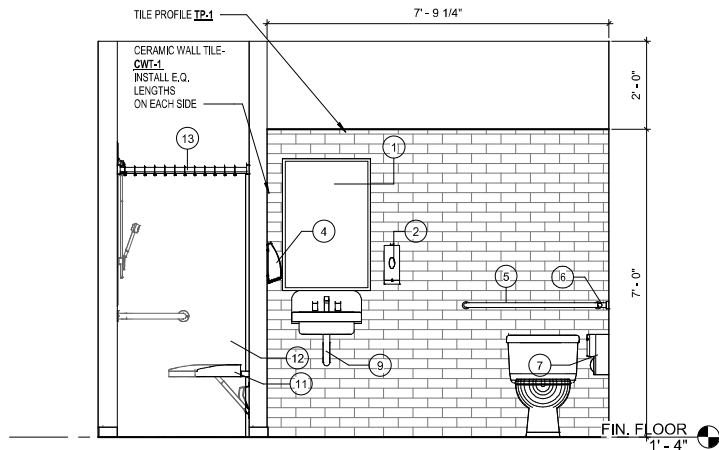
A8.2	$1/2'' = 1'-0''$
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6	RR 124 / ELEV. 04
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A8.2	$1/2'' = 1'-0''$
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3	RR 124 / ELEV. 01
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A8.2	$1/2" = 1'-0"$
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8	RR 132 / ELEV. 02
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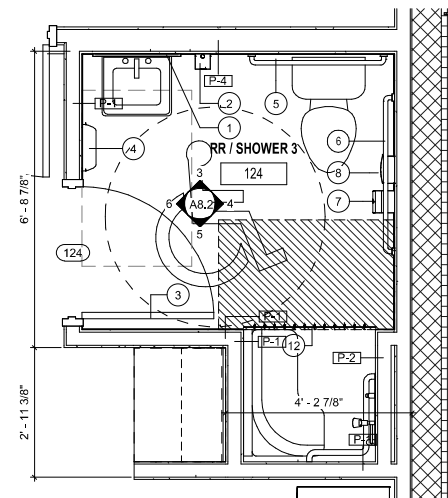
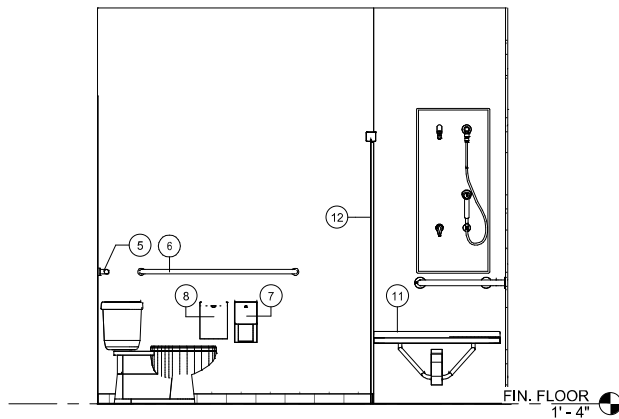
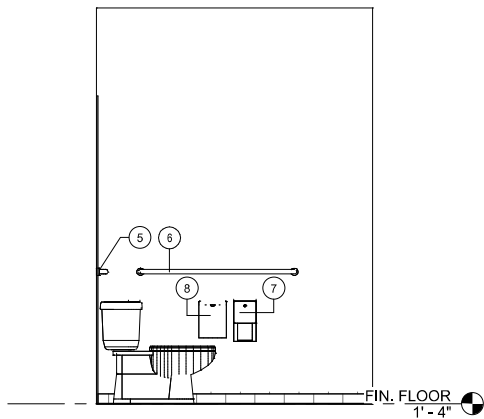
A8.2	$1/2'' = 1'-0''$
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5	RR 124 / ELEV. 03
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A8.2	$1/2'' = 1'-0''$
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2	ENLARGED RR PLAN 3
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A8.2	$1/2" = 1'-0"$
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7	RR 132 / ELEV. 01
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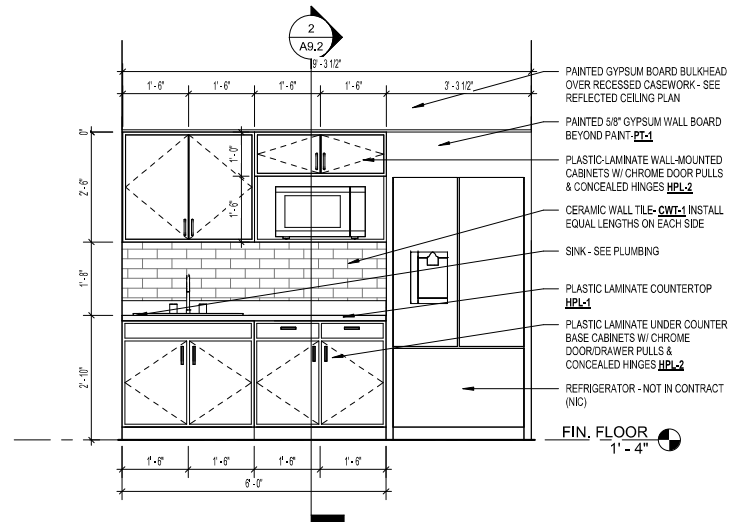
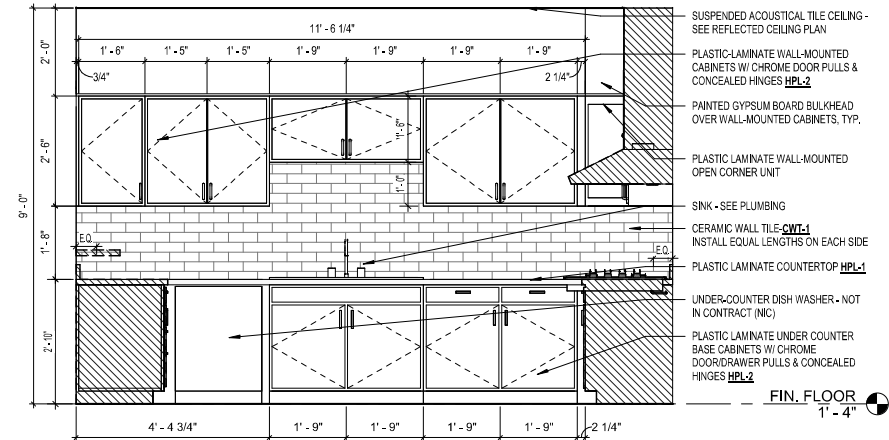
A8.2	$1/2'' = 1'-0''$
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4	RR 124 / ELEV. 02
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A8.2	$1/2'' = 1'-0''$
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1	ENLARGED RR PLAN 2
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A8.2	$1/2" = 1'-0"$
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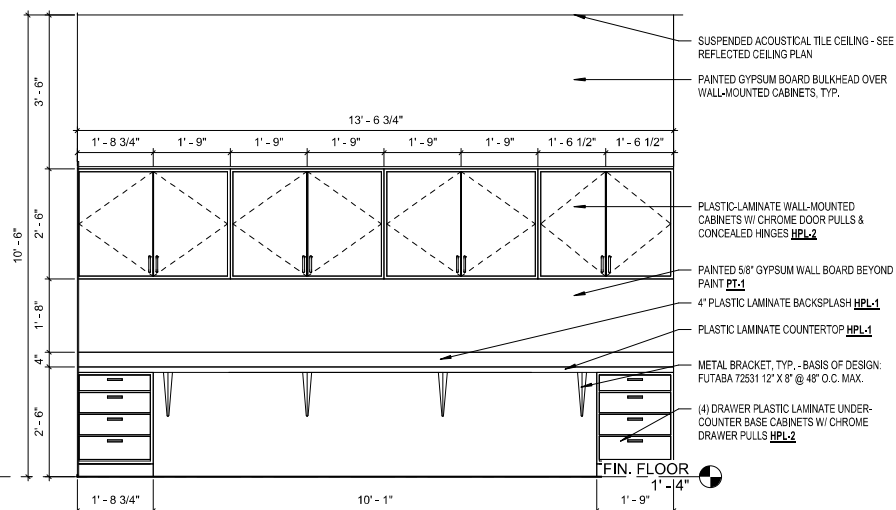
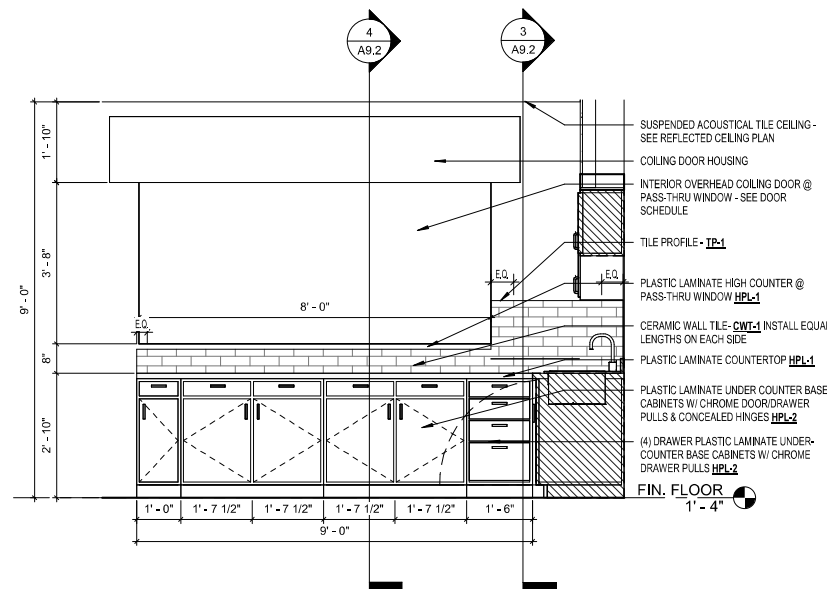
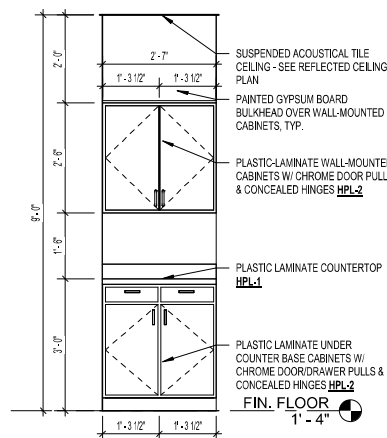


6	CASEWORK ELEV. 06 - KITCHEN/117
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A9.1	$1/2'' = 1'-0''$
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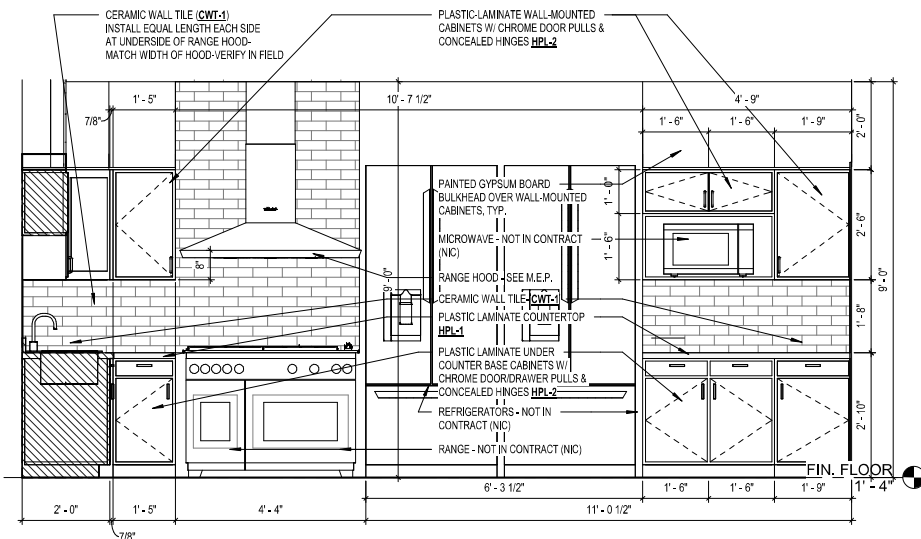
3	CASEWORK ELEV. 03 - OP. CENTER
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A9.1	$1/2" = 1'-0"$
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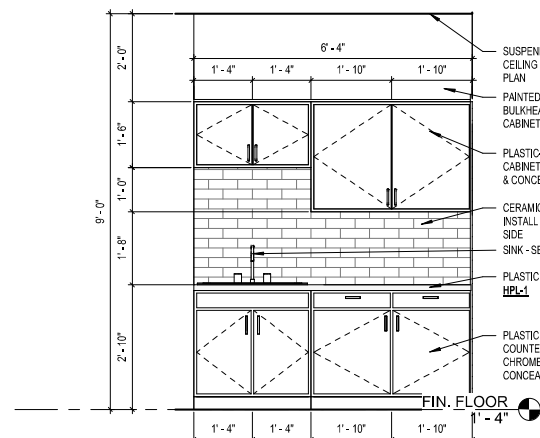
8	CASEWORK ELEV. 08 - LAUNDRY/123
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A9.1	$1/2'' = 1'-0''$
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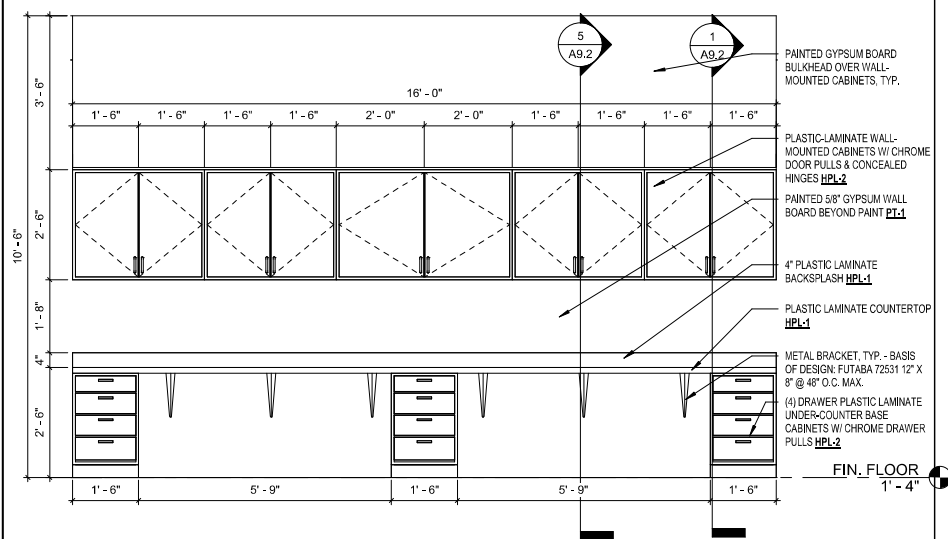
5	CASEWORK ELEV. 05 - KITCHEN/117
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A9.1	$1/2'' = 1'-0''$
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2	CASEWORK ELEV. 02 - HOTLINE
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A9.1	$1/2" = 1'-0"$
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7 CASEWORK ELEV. 07 - KITCHEN/117

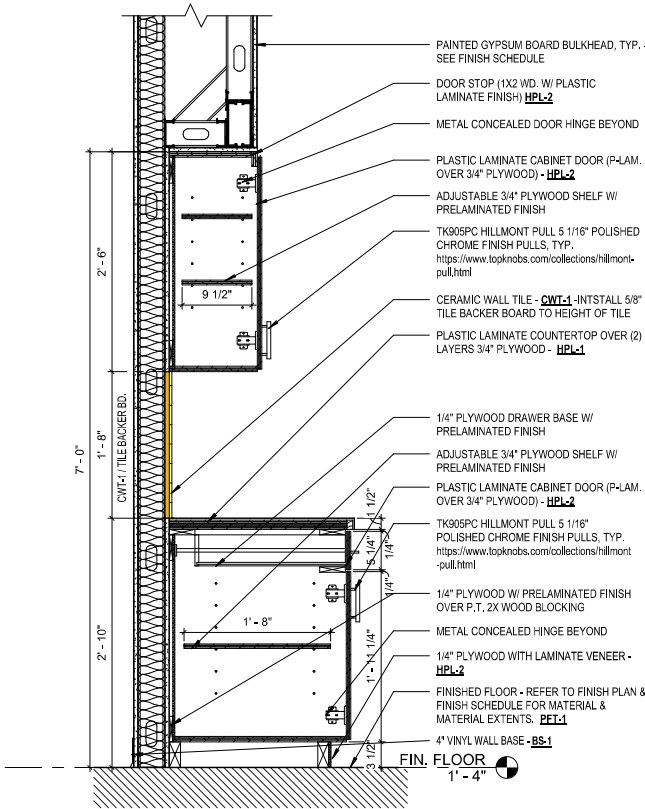
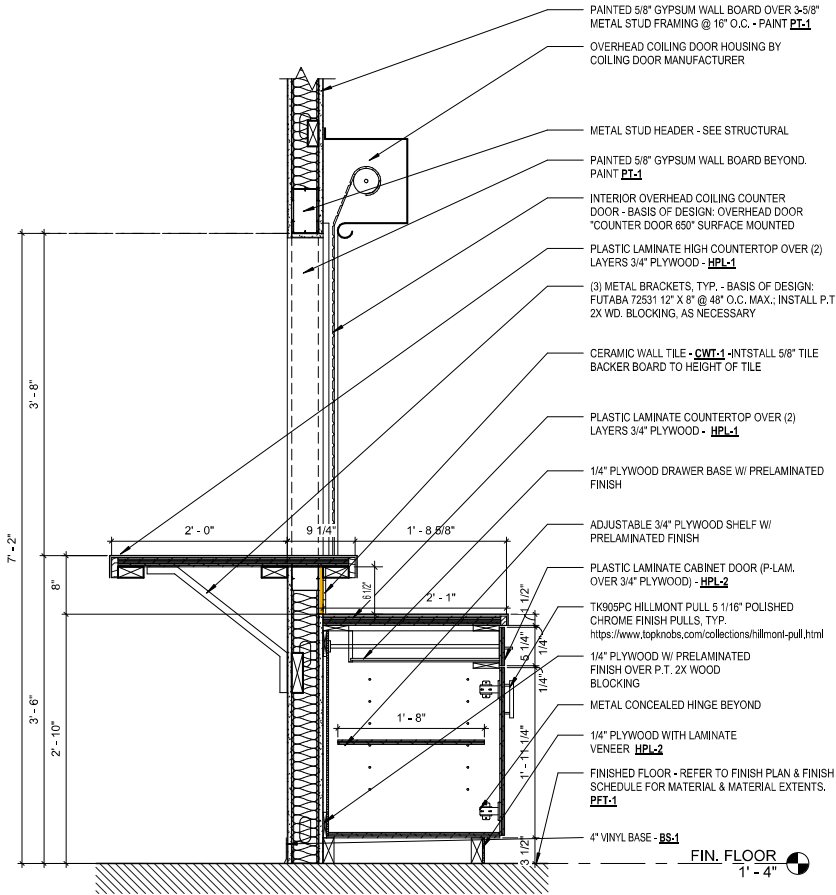
A9.1	$1/2'' = 1'-0''$
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4 CASEWORK ELEV. 04 - KITCHEN/117

A9.1	$1/2'' = 1'-0''$
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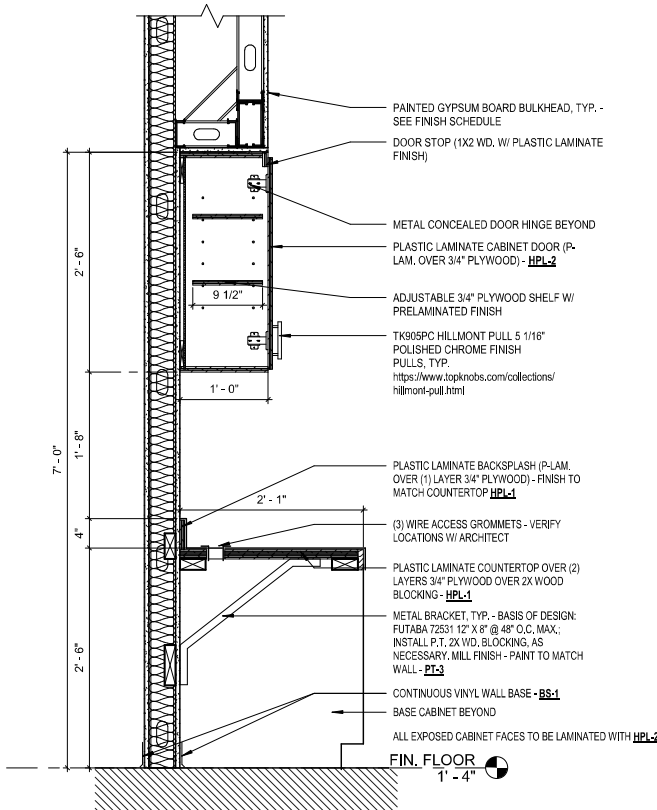
1	CASEWORK ELEV. 01 - WORKSTATIONS
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A9.1	$1/2" = 1'-0"$
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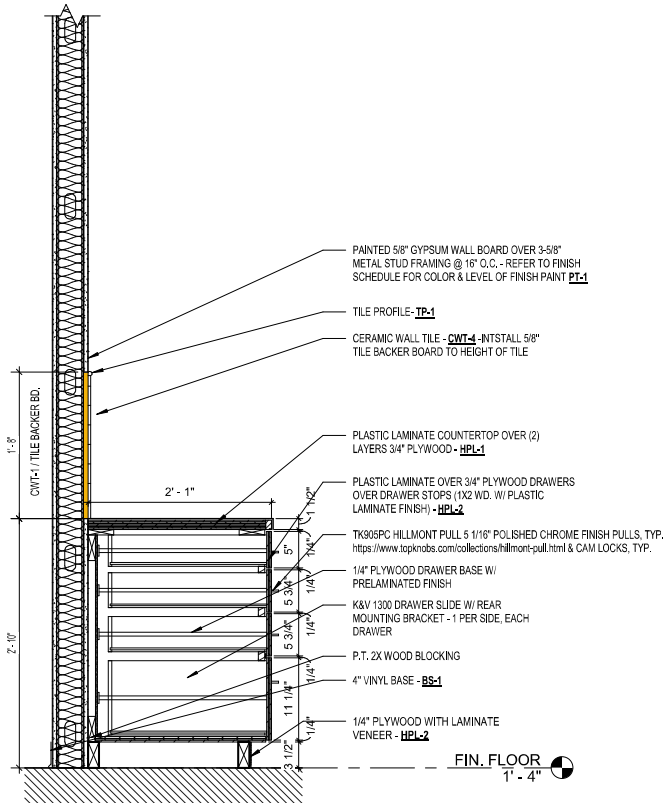


4 CASEWORK SECTION 4
A9.2 1" = 1'-0"

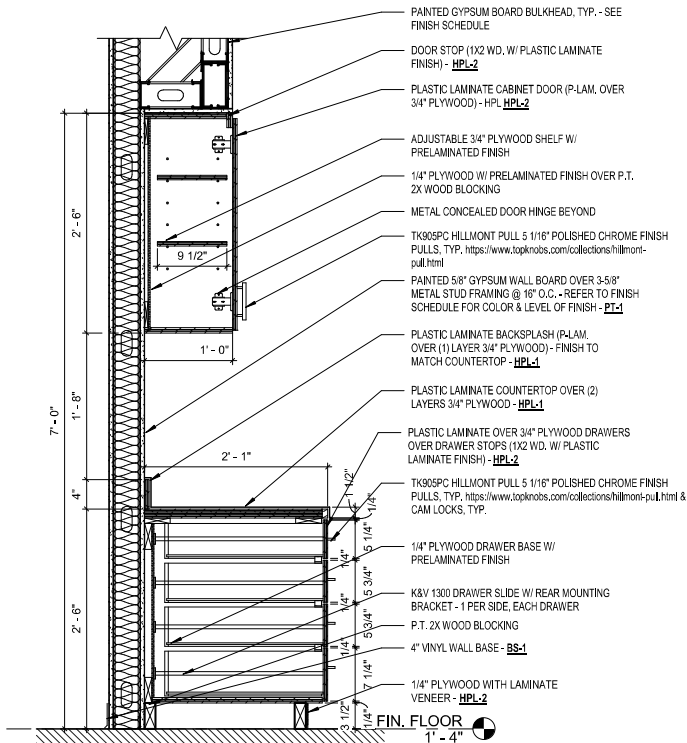
2 CASEWORK SECTION 2
A9.2 1" = 1'-0"



5 CASEWORK SECTION 5
A9.2 1" = 1'-0"



3 CASEWORK SECTION 3
A9.2 1" = 1'-0"



1 CASEWORK SECTION 1
A9.2 1" = 1'-0"



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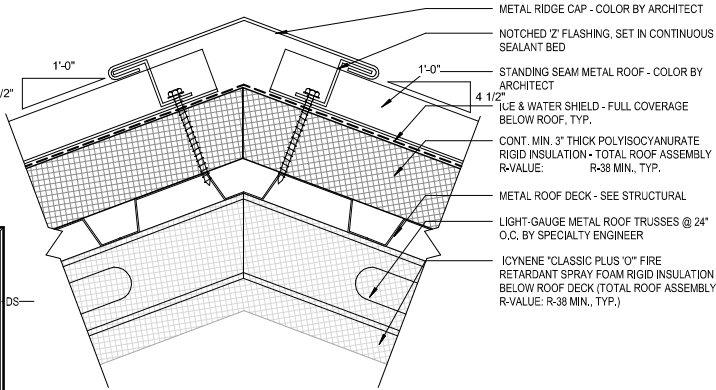
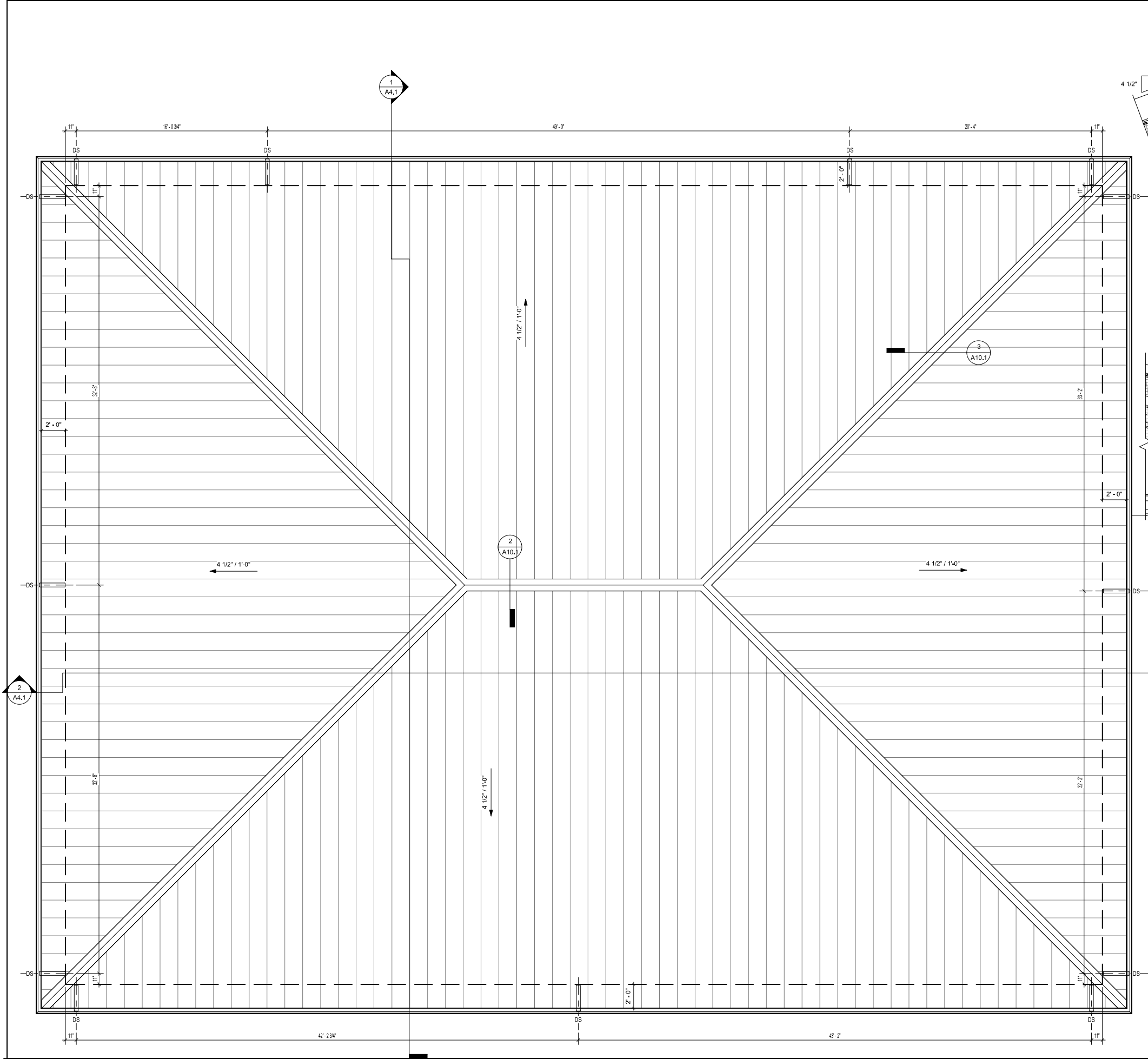
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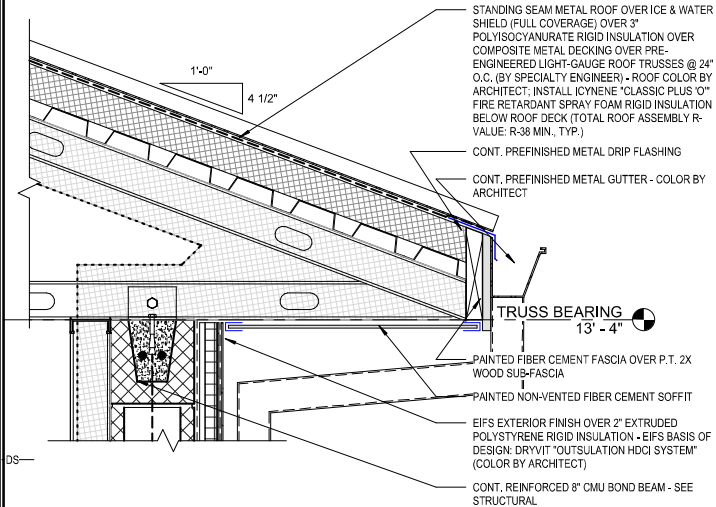
CASEWORK
SECTIONS

Tallahassee Florida

A9.2



2 METAL ROOF RIDGE DETAIL
3" = 1'-0"



3 METAL ROOF EAVE DETAIL
1 1/2" = 1'-0"

1 ROOF PLAN
A10.1 1/4" = 1'-0"

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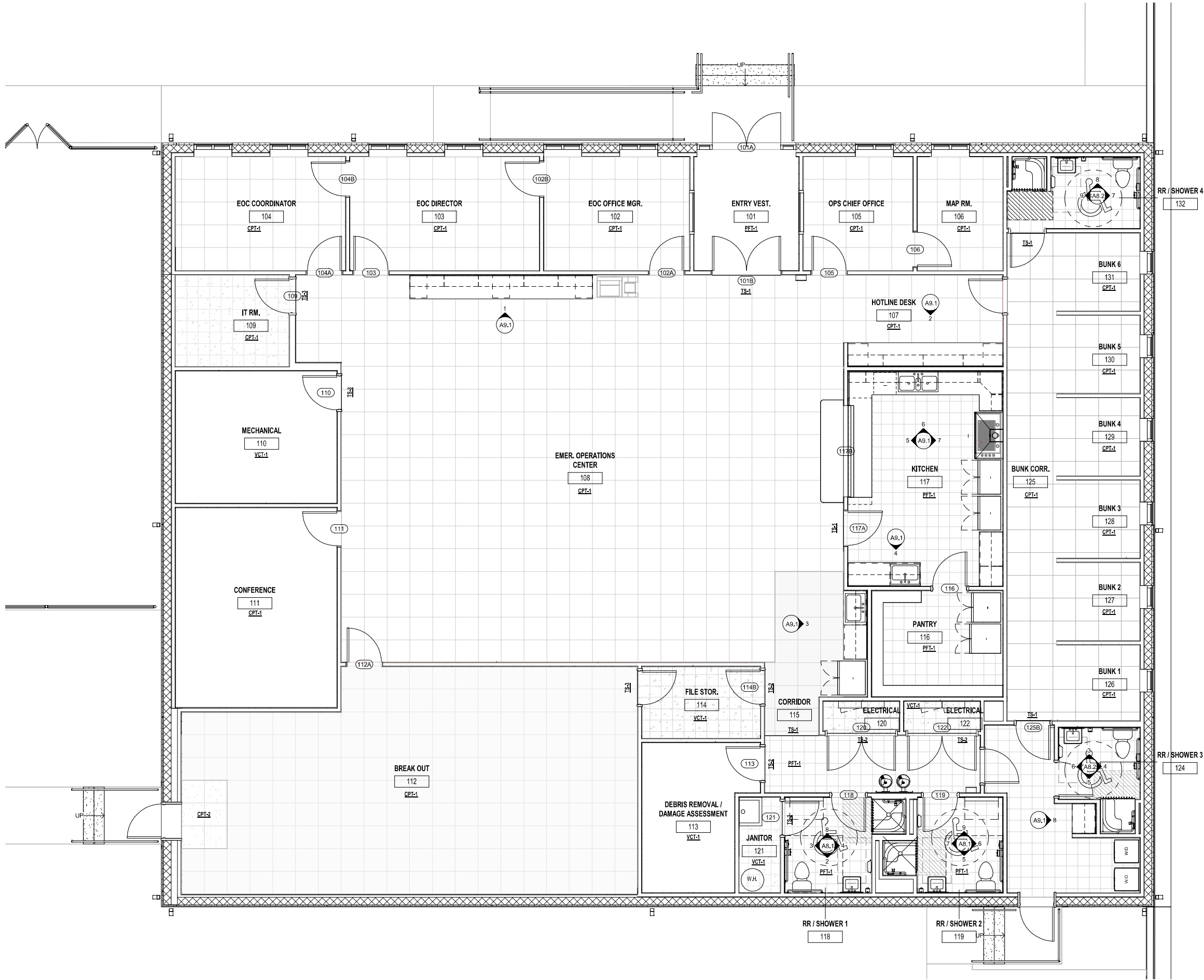
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ROOF PLAN

Tallahassee Florida

A10.1

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6676



FLOOR PLAN LEGEND		
Name	101	ROOM NAME AND NUMBER
	101	DOOR NUMBER
	90 MIN	FIRE RATING
		12" X 12" PORCELAIN FLOOR TILE
		12" X 12" VINYL COMPOSITE TILE
		24" X 24" CARPET TILE
		WALK-OFF CARPET TILE



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FLOOR PLAN -
INTERIOR FINISHES

Tallahassee Florida

ID1.1

1 FLOOR PLAN - INTERIOR FINISHES

ID1.1 1/4" = 1'-0"

ROOM FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	CEILING		COMMENTS
								MATERIAL	HEIGHT	
101	ENTRY VEST.	PFT-1	PFT-2	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
102	EOC OFFICE MGR.	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
103	EOC DIRECTOR	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
104	EOC COORDINATOR	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
105	OPS CHIEF OFFICE	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
106	MAP RM.	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
107	HOTLINE DESK	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	10' - 6"	
108	EMER. OPERATIONS CENTER	CPT-1	BS-1	PT-1	PT-1	PT-1/CWT-1	PT-1	ACT-1	10' - 6"	REFER TO A9.1 FOR EXACT LOCATIONS
109	IT RM.	VCT-1	BS-1	PT-1	PT-1	VCT-1	PT-1	ACT-1	9' - 0"	
110	MECHANICAL	VCT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
111	CONFERENCE	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
112	BREAK OUT	CPT-1/CPT-2	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
113	DEBRIS REMOVAL / DAMAGE ASSESSMENT	VCT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
114	FILE STOR.	VCT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
115	CORRIDOR	PFT-1	PFT-2	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
116	PANTRY	PFT-1	PFT-2	PT-1	PT-1	PT-1	PT-1	ACT-2	9' - 0"	
117	KITCHEN	PFT-1	PFT-2	PT-1/CWT-1	PT-1/CWT-1	PT-1/CWT-1	PT-1/CWT-1	ACT-2	9' - 0"	REFER TO A9.1 FOR EXACT LOCATIONS
118	RR / SHOWER 1	PFT-1	PFT-2	PT-1	PT-1/CWT-1	PT-1	PT-1	ACT-1	9' - 0"	
119	RR / SHOWER 2	PFT-1	PFT-2	PT-1	PT-1/CWT-1	PT-1	PT-1	ACT-1	9' - 0"	
120	ELECTRICAL	VCT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
121	JANITOR	VCT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
122	ELECTRICAL	VCT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
123	LAUNDRY	PFT-1	PFT-2	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
124	RR / SHOWER 3	PFT-1	PFT-2	PT-1/CWT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
125	BUNK CORR.	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
126	BUNK 1	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
127	BUNK 2	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
128	BUNK 3	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
129	BUNK 4	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
130	BUNK 5	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
131	BUNK 6	CPT-1	BS-1	PT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	
132	RR / SHOWER 4	PFT-1	PFT-2	PT-1/CWT-1	PT-1	PT-1	PT-1	ACT-1	9' - 0"	

FINISH MATERIAL LEGEND						
CODE	MATERIAL DESCRIPTION	MANUFACTURER	PRODUCT #	COLOR/FINISH	LOCATION	MATERIAL COMMENTS
ACT	ACOUSTICAL CEILING TILE					
ACT-1	2X2 RADAR TEGULAR	USG	2110-SHADOWLINE TAPERED	WHITE	REFER TO ROOM FINISH SCHEDULE	
ACT-2	2X2 ARMSTRONG KITCHEN ZONE	ARMSTRONG	673-SQUARE LAY-IN	WHITE	KITCHEN	
BS	VINYL BASE MOULDING					
BS-1	4" TOE BASE	ROPPE	700 SERIES	175 SLATE	REFER TO ROOM FINISH SCHEDULE	
CPT	CARPET TILE					
CPT-1	24" X 24" MODULAR CARPET	MANNINGTON COMMERCIAL	33117 MOGTT	MONTGOMERY / BACH	REFER TO ROOM FINISH SCHEDULE	MONOLITHIC INSTALL. USE WITH MANNINGTON FRE-LOCK TABS TO ADHERE TO FLOOR PANEL SYSTEM AND PLYWOOD PANEL DECK.
CPT-2	24" X 24" ENTRYWAY MODULAR CARPET	MANNINGTON COMMERCIAL	RUF278404	RUFFIAN II / TAN TETONS	REFER TO ROOM FINISH SCHEDULE	
CWT	CERAMIC WALL TILE					
CWT-1	3" X 6" SUBWAY TILE	DALTILE	COLOR WHEEL CLASSIC	ALMOND-GLOSSY	KITCHEN BACKSPLASH / RESTROOM WET WALLS	OFFSET INSTALL
HPL	HIGH PRESSURE LAMINATE					
HPL-1	COUNTERTOP LAMINATE- STANDARD HPL	WILSONART	4946-38	NATURAL COTTON	REFER TO CASEWORK ELEVATIONS 9.1	
HPL-2	CASEWORK LAMINATE- STANDARD HPL	WILSONART	4944-38	CASUAL LINEN	REFER TO CASEWORK ELEVATIONS 9.1	
PFT	PORCELAIN FLOOR TILE					
PFT-1	12" X 12" PORCELAIN TILE	DALTILE	AFFINITY	AF03 GREY	REFER TO ROOM FINISH SCHEDULE	UNSANDED NON-EPOXY 1/8" GROUT JOINT/MONOLITHIC INSTALL
PFT-2	BULLNOSE TILE	DALTILE	AFFINITY	AF03 GREY	REFER TO ROOM FINISH SCHEDULE	
PT	PAINT					
PT-1	INTERIOR FIELD COLOR	SHERWIN WILLIAMS	SW 7551	GREEK VILLA - EGGSHELL	REFER TO ROOM FINISH SCHEDULE	
PT-2	TRIM COLOR FOR HM DOOR FRAMES	SHERWIN WILLIAMS	SW 7036	ACCESSIBLE BEIGE - SEMI-GLOSS	REFER TO ROOM FINISH SCHEDULE	
PT-3	METAL BRACKET COLOR	SHERWIN WILLIAMS	SW 7551	GREEK VILLA - EGGSHELL	REFER TO CASEWORK SECTIONS A9.2	
PT-4	EXTERIOR FIELD COLOR	SHERWIN WILLIAMS	SW 7004	SNOWBOUND	REFER TO BUILDING ELEVATIONS A3.1 / A3.2	
PT-5	EXTERIOR ACCENT COLOR	SHERWIN WILLIAMS	SW 7634	PEDIMENT	REFER TO BUILDING ELEVATIONS A3.1 / A3.2	
PT-6	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	
PT-7	METAL STAIR RAILING COLOR	SHERWIN WILLIAMS	SW 7067	CITYSCAPE- SEMI-GLOSS	REFER TO BUILDING ELEVATIONS A3.1 / A3.2	
SS	SOLID SURFACE					
SS-1	SOLID SURFACE	WILSONART	9196RS	YUKON RIVERSTONE	SEE WINDOW SILL DETAILS A6.1	
TG	TILE GROUT					
TG-1	TILE GROUT	LATICRETE	18	SAUTERNE	REFER TO ROOM FINISH SCHEDULE	UNSANDED NON-EPOXY 1/8" GROUT JOINT
TP	TILE PROFILE					
TP-1	TILE PROFILE	SCHLUTER	2.5 SCHLUTER- RONDEC - DB 14 AE	SATIN ANODIZED ALUMINUM	REFER TO INTERIOR FINISHES PLAN ID2.1	
TS	TRANSITION STRIP					
TS-1	METAL TRANSITION STRIP	SCHLUTER	1.4 SCHLUTER - RENO -TK EBTX 80	BRUSHED STAINLESS STEEL 304	REFER TO INTERIOR FINISHES PLAN ID1.1	
TS-2	METAL TRANSITION STRIP	SCHLUTER	1.2 SCHLUTER - RENO -U EBU 80	BRUSHED STAINLESS STEEL 304	REFER TO INTERIOR FINISHES PLAN ID1.1	
TS-3	METAL TRANSITION STRIP	MANNINGTON COMMERCIAL	FUSION TRANSITION STRIP	CLAY 527	REFER TO INTERIOR FINISHES PLAN ID1.1	
VCT	VINYL COMPOSITE TILE					
VCT-1	12" X 12" COMPOSITION TILE	TARKETT	VCT II	PURE WHITE 480	REFER TO ROOM FINISH SCHEDULE	MONOLITHIC INSTALL

NOTE: ALL FINISHES ARE BASIS OF DESIGN ONLY PENDING OWNER APPROVAL



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INTERIOR FINISHES
- SCHEDULE AND
LEGEND

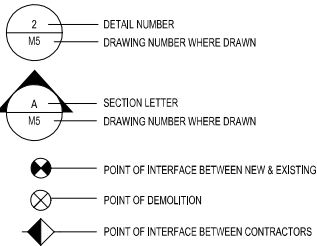
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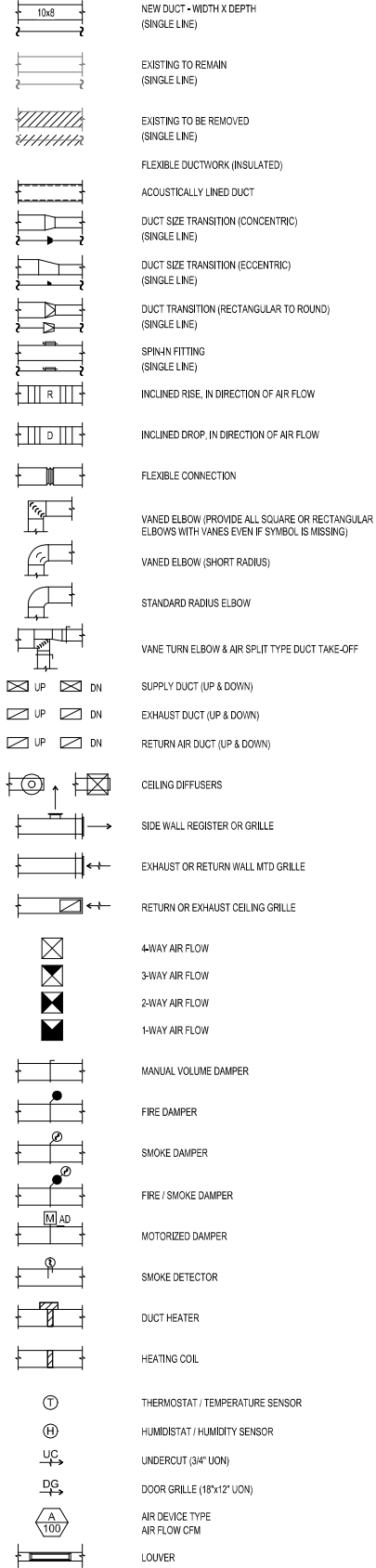
ABBREVIATIONS

AC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AO	ANALOG OUTPUT
BHP	BRAKE HORSE POWER
BOT	BOTTOM
BTUH	BRITISH THERMAL UNIT HOUR
CC	COOLING COIL
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLS	CEILING
CO	CLEANOUT
CT	COOLING TOWER
CU	CONDENSING UNIT
CW	COLD WATER
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
DB	DRY BULB
DDC	DIRECT DIGITAL CONTROL
DG	DOOR
DI	DIGITAL INPUT
DN	DOWN
DO	DIGITAL OUTPUT
DP	DEWPOINT
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EL	ELEVATION
EQUIP	EQUIPMENT
ET	EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
EXIST	EXISTING
FDPR	FIRE DAMPER
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FL	FLOOR
FFP	FPS PER FOOT
FPI	FPS PER INCH
FFM	FEET PER MINUTE
GPH	GALLONS PER HOUR
CPM	GALLONS PER MINUTE
H	HUMIDITY
HB	HOSE BIBB
HC	HEATING COIL
HP	HORSE POWER
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTUH
MD	MOTORIZED DAMPER
MN	MINIMUM
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPENED
OA	OUTSIDE AIR
PD	PRESSURE DROP
RA	RETURN AIR
RD	ROOF DRAIN
RLA	RUNNING LOAD AMPS
RTU	ROOF TOP UNIT
S	SANITARY
SDPR	SMOKE DAMPER
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SP	STATIC PRESSURE
T	TEMPERATURE
TYP	TYPICAL
UC	UNDER CUT
UG	UNDER GROUND
UON	UNLESS OTHERWISE NOTED
UV	UNIT VENTILATOR
V	VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THRU ROOF
W	WASTER
WB	WET BULB

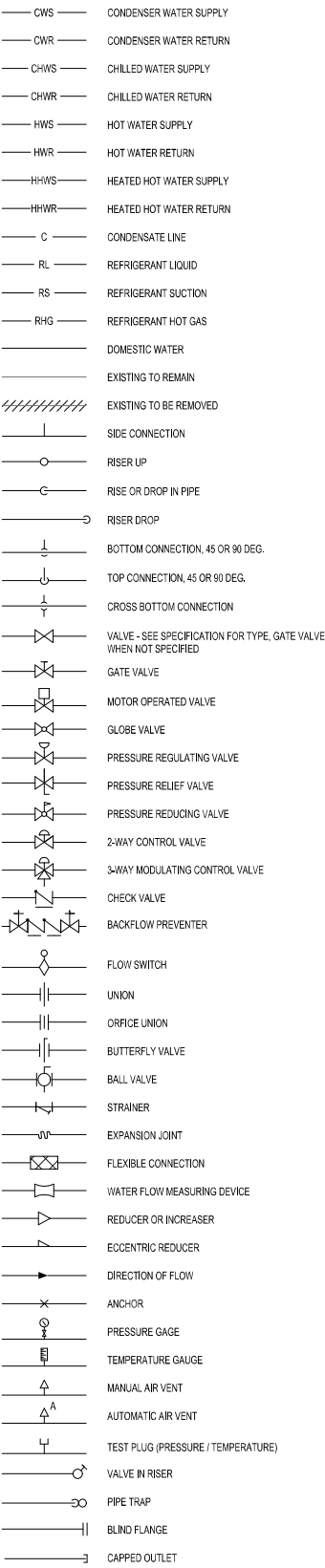
DRAWING SYMBOLS



DUCTWORK LEGEND



PIPING LEGEND



GENERAL NOTES

1.

HVAC WORK CONSISTS OF PROVIDING AND INSTALLING AIR CONDITIONING SYSTEMS FOR A COMPLETE OPERATING SYSTEM AND AS INDICATED ON THE DRAWINGS. ALL WORK SHALL COMPLY WITH APPLICABLE CODES INCLUDING THE FBC MECHANICAL CODE 2023 (8th EDITION), NATIONAL ELECTRIC CODE, STATE ENERGY CODE, NFPA REQUIREMENTS, AND OTHER LOCAL CODES. IT IS THE INTENTION OF THE CONTRACT DRAWINGS AND SPECIFICATIONS TO CALL FOR COMPLETE, FINISHED WORK, TESTED, AND READY FOR OPERATION.
2.

TEST AND BALANCE SHALL BE PROVIDED BY A COMPANY SPECIALIZING IN THE TESTING AND BALANCING OF HVAC SYSTEMS AS SUBCONTRACTOR TO THE HVAC CONTRACTOR. THE TEST AND BALANCE CONTRACTOR SHALL BE A MEMBER OF EITHER AABC OR NEBB.
3.

DUCT DIMENSIONS SHOWN ON THE DRAWINGS ARE CLEAR INSIDE AIR PASSAGE DIMENSIONS.
4.

ALL PIPING SUBJECT TO THERMAL EXPANSION AND/OR CONTRACTION THAT PENETRATES A SMOKE/FIRE, OR FIRE/SMOKE WALL, PARTITION, OR FLOOR SLAB SHALL BE SUITABLY SLEEVED AND FIRE SAFE.
5.

NOT USED.
6.

PROVIDE IDENTIFICATION OF THE LOCATION OF ALL FIRE AND BALANCING DAMPERS, BY AFFIXING COLORED RIBBON ON DAMPER OPERATOR.
7.

ALL PIPING SHALL BE SUPPORTED WITH COMMERCIAL MANUFACTURED CLAMPS. PROVIDE ISOLATION SLEEVES TO PREVENT CONTACT OF DISSIMILAR METALS.
8.

INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS.
9.

CONTRACTOR TO PROVIDE ALL SUPPLEMENTARY STEEL REQUIRED TO SUSPEND MECHANICAL EQUIPMENT AND MATERIALS.
10.

SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES, PENETRATIONS FOR PIPES, CONDUITS, OR OTHER PURPOSES THROUGH ASSEMBLIES (FLOORS, ROOF, WALLS, PARTITIONS, ETC.) WITH A REQUIRED FIRE RESISTANCE RATING FIRE STOP MATERIAL. FIRE STOP SEALANTS SHALL BE UL LISTED. APPLY FIRE STOP AS RECOMMENDED BY THE MANUFACTURER AND IN ACCORDANCE WITH ITS LISTING TO MEET OR EXCEED THE FIRE RATING OF THE ASSEMBLY IN WHICH IT IS INSTALLED.
11.

MOUNT ALL SPACE THERMOSTATS AND/OR SENSORS 4 FEET ABOVE THE FLOOR, UNLESS OTHERWISE NOTED.
12.

INSTALL DUCT MOUNTED SMOKE DETECTORS (FURNISHED BY DIVISION 26) IN SUPPLY AND RETURN AIR DUCTWORK CONNECTED TO EACH A/C UNIT. WIRE DUCT MOUNTED SMOKE DETECTORS SUCH THAT ACTIVATION WILL DE-ENERGIZE AIR HANDLING UNIT FAN (COORDINATE WITH THE FIRE ALARM CONTRACTOR). LOCATE DUCT MOUNTED SMOKE DETECTORS THE REQUIRED DISTANCE DOWNSTREAM FROM BENDS OR INLETS AS RECOMMENDED BY THE MANUFACTURER.
13.

AIR HANDLING UNITS SHALL BE SHUT DOWN BY THE FIRE ALARM SYSTEM. WIRE THROUGH FIRE ALARM RELAY CONTACT (PROVIDED BY THE FIRE ALARM CONTRACTOR) TO SHUT DOWN AIR HANDLING UNITS UPON FIRE ALARM ACTIVATION. COORDINATE WITH FIRE ALARM CONTRACTOR ACCORDINGLY. WHEN AIR HANDLING UNITS SHUT DOWN FOR FIRE ALARM OR MAINTENANCE, INTERLOCKED EXHAUST FANS SHALL ALSO SHUT DOWN.
14.

NOT USED.
15.

SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL AIR DEVICES LOCATED IN THE CEILING.
16.

UNLESS OTHERWISE NOTED, INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE, TIGHT TO THE BOTTOM OF THE STRUCTURE. COORDINATE ELEVATION AND LOCATION WITH RAIN LEADERS, WATER PIPING, PLUMBING VENTS, AND MAJOR ELECTRICAL CONDUITS OR CABLE TRAY.
17.

PROVIDE DAMPERS IN ALL OUTSIDE AIR DUCTS.
18.

PROVIDE DRAIN P-TRAPS IN THE CONDENSATE LINES AT ALL AIR HANDLING UNITS.
19.

ROUTE FULL SIZE (MIN. 1") COPPER DRAIN PIPE FROM EACH AHU DRAIN PAN TO RESPECTIVE FLOOR DRAIN. INSULATE WITH 3/4" ARMSTRONGS "ARMAFLEX" INSULATION.
20.

THE WORK INDICATED ON THESE DRAWINGS IS GENERALLY DIAGRAMMATIC AND IS INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE THE GENERAL ARRANGEMENT OF DUCTWORK AND EQUIPMENT, ETC.
21.

WHEN CONFLICTS OCCUR IN SPECIFICATIONS OR IN THE DRAWINGS, OR BETWEEN EITHER, THE ITEMS OF GREATER QUANTITY OR HIGHER COST SHALL BE PROVIDED.
22.

THE CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES IN ORDER TO AVOID CONFLICTS.
23.

ALL ROOF AND EXTERIOR ATTACHED EQUIPMENT AND APPURTENANCES INCLUDED IN THE SCOPE OF THIS PROJECT ARE REQUIRED TO BE SECURED TO THE UNDERLYING BUILDING STRUCTURE OR CONCRETE SLABS. THE FASTENING SYSTEMS SHALL BE DESIGNED TO WITHSTAND A 160 MPH WIND LOAD.
24.

UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP.

DESIGN CONDITIONS

OUTDOOR (SUMMER) = 95.0 F DB / 77F WB
OUTDOOR (WINTER) = 37.0 F DB
INDOOR (SUMMER) = 75 F DB / 50% RH
INDOOR (WINTER) = 70 F DB

OUTSIDE AIR = REFER TO CALCULATIONS - O.A. CFM DETERMINED IN ACCORDANCE W/ F.B.C. 2023 (8TH EDITION)
EXHAUST AIR = MIN. 50 CFM PER TOILET AND SHOWER HEAD



FRANKLIN COUNTY
E.O.C.

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GENERAL NOTES,
LEGENDS, &
SYMBOLS

Tallahassee Florida

M0.1

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978



2022 THOMASVILLE ROAD, STE C
TALLAHASSEE, FLORIDA 32308
(904) 420-1783 PHONE
ENGINEERING BUSINESS NO. 9193

222-T19.01

MINI-SPLIT SCHEDULE		
CONDENSING UNIT	--	MSO-1
CAPACITY	TONS	2
NO. OF COMPRESSORS	--	1
REFRIGERANT	--	R-454B
COMPRESSOR RLA/LRA	AMPS	--/--
NO. OF CONDENSER FANS	--	1
ELECTRICAL	V/PH/HZ	208-230/1/60
MCA/MOCP	AMPS	22/37
S.C.C.R.	kA	5
WEIGHT	LBS.	155
MANUFACTURER	--	mitsubishi
MODEL NO.	--	PUY-AH24NL
AIR HANDLING UNIT	--	MSI-1
LOCATION	--	WALL MOUNTED
COOLING CAPACITY	MBTUH	24,000
SENSIBLE CAPACITY	MBTUH	18,480
SUPPLY AIR	CFM (MAX)	775
OUTSIDE AIR	CFM	0
ENTERING AIR (DB/WB)	°F/°F	75/62
LEAVING AIR (DB/WB)	°F/°F	54/53
ELECTRICAL	V/PH/HZ	208-230/1/60
FILTER TYPE	--	THROW AWAY
WEIGHT	LBS.	51
MANUFACTURER	--	mitsubishi
MODEL NO.	--	PKA-AK24NL

- NOTES:
- ① COORDINATE FINAL LOCATION OF NEW UNITS WITH ARCHITECT AND OWNER.
- ② PROVIDE WALL MOUNTED INDOOR UNIT. PROVIDE PAD MOUNTED OUTDOOR UNIT. SECURE OUTDOOR UNIT FOR 160 MPH WINDLOAD.
- ③ PROVIDE PROGRAMMABLE HARD WAIED WALL MOUNTED CONTROLLER. COORDINATE WITH OWNER FOR LOCATION IN SPACE.
- ④ PROVIDE MITSUBISHI ELECTRIC A-CONTROL SYSTEM FOR SINGLE POINT POWER CONNECTION. (INDOOR UNIT FED FROM OUTDOOR UNIT).
- ⑤ PROVIDE LOW-AMBIENT CONTROL TO 0°F.
- ⑥ ROUTE CONDENSATE FULL SIZE TO NEAREST FLOOR DRAIN. MINIMIZE TRIP HAZARD. PROVIDE CONDENSATE PUMP WITH MINIMUM 10' HEAD.
- ⑦ MITSUBISHI OR PRE-APPROVED EQUAL.
- ⑧ PROVIDE WITH AUTOMATIC RESTART AFTER POWER LOSS.
- ⑨ REFRIGERANT PIPING SHALL BE SIZED BY MANUFACTURER FOR LONG LINE LENGTH APPLICATION SPECIFIC TO THIS INSTALLATION. PRIOR TO ORDERING, CONTRACTOR SHALL FIELD VERIFY REFRIGERANT PIPE PATH AND LENGTH. EQUIVALENT PIPE LENGTH SHALL NOT EXCEED MANUFACTURER'S MAXIMUM RECOMMENDED PIPE LENGTH.
- ⑩ PROVIDE REFRIGERANT DETECTOR WITH SENSOR SET @ 15% LFL ALARM THRESHOLD. SEE SPECS FOR ADDITIONAL REQUIREMENTS.
- ⑪ PROVIDE W/ SEACOAST PROTECTION.

EXHAUST FAN SCHEDULE								
ITEM NO.	--	EF-1	EF-2	EF-3	EF-4	EF-5	EF-6	EF-7
SERVES	--	GENERAL EXHAUST	KITCHEN	JANITOR-121	RR/SHOWER-118	RR/SHOWER-119	RESTROOM-124	RR/SHOWER-132
AIR QUANTITY	CFM	200	260	30	100	100	100	100
EXT. STATIC PRESSURE	IN. WTR.	0.25	0.25	0.25	0.25	0.25	0.25	0.25
FAN TYPE	--	INLINE	INLINE	CEILING	CEILING	CEILING	CEILING	CEILING
DRIVE	--	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
SOUND	SONES	0.7	1.0	0.3	1.1	1.1	1.1	1.1
MOTOR	HP	1/4	1/4	1/25	1/16	1/16	1/16	1/16
FAN SPEED	RPM	731	777	574	1,171	1,171	1,171	1,171
ELECTRICAL	V/PH./HZ.	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60
MANUFACTURER	--	COOK	COOK	COOK	COOK	COOK	COOK	COOK
MODEL NO.	--	GN-720	GN-720	GC-148	GC-322	GC-322	GC-322	GC-322
NOTES	--	①③⑤⑥⑧⑨	①④⑤⑥⑧⑨	①②⑤⑥⑧⑨⑩	①⑤⑥⑦⑧⑨⑩	①⑤⑥⑦⑧⑨⑩	①⑤⑥⑦⑧⑨⑩	①⑤⑥⑦⑧⑨⑩

- NOTES:
- ① PLUG DISCONNECT SWITCH.
- ② INTERLOCK FAN OPERATION TO AHU-1, DURING "OCCUPIED" MODE (AFTER O.A. DAMPER IS OPEN).
- ③ INTERLOCK FAN OPERATION TO AHU-2, DURING "OCCUPIED" MODE (AFTER O.A. DAMPER IS OPEN).
- ④ CONTROL FAN OPERATION W/ OCCUPANCY SENSOR. SEE ELECTRICAL.
- ⑤ TEST AND BALANCE TO CONDITIONS INDICATED.
- ⑥ BACK DRAFT DAMPER.
- ⑦ PROVIDE 10 MINUTE TIME DELAY SWITCH. SWITCH SHALL BE PROVIDED BY MECHANICAL AND INSTALLED BY ELECTRICAL. COORDINATE WITH ELECTRICAL. COLOR SHALL MATCH SWITCHES PROVIDED FOR LIGHT AND FIT INSIDE STANDARD ELECTRICAL ENCLOSURE.
- ⑧ PROVIDE VARIABLE SPEED CONTROLLER FOR ALL FANS. T&B CONTRACTOR SHALL MARK BALANCED POSITION ON CONTROLLER.
- ⑨ INLET/OUTLET FLEX DUCT CONNECTORS, ISOLATORS & SUPPORT HARDWARE.
- ⑩ PROVIDE WITH CEILING INLET GRILLE (ALUM).

AIR DEVICE SCHEDULE							
ITEM NO.	A	B	C	D	E	F	G
TYPE	LOUVERED	LOUVERED	LOUVERED	LOUVERED	EGGCRATE	EGGCRATE	EGGCRATE
FACE	12x12	24x24	24x24	24x24	24x24	24x24	24x24
NECK	8" Ø	8" Ø	10" Ø	12" Ø	12x12	16x16	20x20
MATERIAL	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM
FINISH	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE
NOTES	①②	①②	①②	①②	①②	①②	①②
MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS
MODEL NO.	OMNI-AA	OMNI-AA	OMNI-AA	OMNI-AA	50F	50F	50F

- NOTES:
- ① AIR DISTRIBUTION DEVICES SHALL BE EQUIPPED WITH BORDER TYPE SUITABLE FOR THEIR PARTICULAR APPLICATION. PROVIDE TRANSITION TO DIFFUSER NECK AS APPROPRIATE. PROVIDE OBMVD AT EACH AIR INLET AND OUTLET UNLESS DAMPER IS IN TAKEOFF OR IN DUCT.
- ② COORDINATE WITH ARCHITECT FOR FINISH.

SPLIT SYSTEM HEAT PUMP SCHEDULE						
HEAT PUMP	--	HP-1	HP-2	HP-3	HP-4	HP-5
CAPACITY	TONS	3.0	7.5	5.0	3.0	3.0
NO. OF COMPRESSORS	--	1	2	1	1	1
REFRIGERANT	--	R-454B	R-454B	R-454B	R-454B	R-454B
COMPRESSOR RLA/LRA	AMPS	12.8/97.5	13.8/83.0	16.0/156.4	12.8/97.5	12.8/97.5
NO. OF CONDENSER FANS	--	1	1	1	1	1
ELECTRICAL	V/PH/HZ	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60
MCA/MOCP	AMPS	16.6/25.0	35.0/45.0	22.8/35	16.6/25	16.6/25.0
S.E.E.R./COP	KW	15.2/4.2	11.2/3.4	14.3/4.0	15.2/4.2	15.2/4.2
WEIGHT	LBS.	222.0	445	301.0	222.0	222.0
MANUFACTURER	--	TRANE	TRANE	TRANE	TRANE	TRANE
HP MODEL NO.	--	5TWA4036A3000	TWA090K3DAA	5TWA4060A3000	5TWA4036A3000	5TWA4036A3000
AIR HANDLING UNIT	--	AHU-1	AHU-2	AHU-3	AHU-4	AHU-5
COOLING CAPACITY	MBH	34.82	97.3	60.2	33.1	43.4
SENSIBLE CAPACITY	MBH	28.13	71.57	45.6	25.1	31.1
SUPPLY AIR	CFM	1170	2435	1880	865	1250
OUTSIDE AIR	CFM	95	350	290	150	180
ENTERING AIR (DB/WB)	°F/°F	76.7/63.8	77.9/64.9	78.3/65.2	78.5/65.4	77.9/64.9
LEAVING AIR (DB/WB)	°F/°F	55.4/53.9	52.77/52.14	55.6/54.6	54.9/53.4	54.9/53.4
FAN MOTOR	HP	0.75	2.09	0.75	0.75	0.75
STATIC PRESS. (EXTERNAL/TOTAL)	IN. WTR.	1/--	1.5/--	1/--	1/--	1/--
ELECTRICAL	V/PH/HZ	208-230/1/60	208-230/3/60	208-230/1/60	208-230/1/60	208-230/1/60
MCA/MOCP	AMPS	36/40	52/60	36/40	36/40	36/40
ELECTRIC HEAT(@208V)	KW	7.2	14.96	9.6	7.2	7.2
FILTER TYPE	--	MERV 8	MERV 13	MERV 8	MERV 8	MERV 8
WEIGHT	LBS.	174.0	373.0	174.0	144.0	174.0
MANUFACTURER	--	TRANE	TRANE	TRANE	TRANE	TRANE
AHU MODEL NO.	--	5TEM6D07AV51SA	TWE090K3BAA	5TEM6D07AV51SA	5TEM6D07AV51SA	5TEM6D07AV51SA
NOTES:	--	①②③④⑤⑥⑦⑧⑨⑩	①②③④⑤⑥⑦⑧⑩⑪	①②③④⑤⑥⑦⑧⑨⑩	①②③④⑤⑥⑦⑧⑨⑩	①②③④⑤⑥⑦⑧⑨⑩

- NOTES:
- ① COAT CONDENSER COIL AND CASING AS WELL AS EVAP COIL & CASING W/ AN APPROVED 10,000 HOUR RATED SALT SPRAY COATING.
- ② CRANKCASE HEATER EVAPORATOR FREEZE THERMOSTAT, COMPRESSOR START ASSIST (CAPACITOR AND RELAY), ISOLATION RELAY. LOW AMBIENT CONTROL. SHORT CYCLE TIMERS.
- ③ REFER TO SEQUENCE OF OPERATION FOR CONTROLS AND SETTINGS.
- ④ PROVIDE INTEGRAL 1" FILTER RACK.
- ⑤ PROVIDE SINGLE POINT HEAT PUMP & AHU POWER CONNECTION.
- ⑥ SELECT CONDENSER UNIT AT 95°F AMBIENT.
- ⑦ EXTERNAL STATIC PRESSURE DOES NOT INCLUDE FILTER PRESSURE DROP.
- ⑧ SYSTEM SHALL BE ABLE TO DEHUMIDIFY INDEPENDENTLY W/O CALL FOR COOLING.
- ⑨ TWO-STAGE COMPRESSOR & VARIABLE SPEED EVAP. FAN.
- ⑩ PROVIDE REFRIGERANT DETECTOR WITH SENSOR SET @ 15% LFL ALARM THRESHOLD. SEE SPECS FOR ADDITIONAL REQUIREMENTS.
- ⑪ TWO COMPRESSORS & 2 SPEED EVAP. FAN. PROVIDE PROGRAMMABLE T'STAT W/ REMOTE TEMP SENSOR; REFER TO SPEC'S.



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BFBS
ARCHITECTS

FRANKLIN COUNTY
E.O.C.

19001 Drawn By: CAH
Project Code Checked By: CHA

17 APRIL 2026

Date

100%
CONSTRUCTION
DOCUMENTS

Revisions

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MECHANICAL
SCHEDULES

VENTILATION AIR CALCULATIONS - AHU-1

ZONE NO.	ROOM NO.	ROOM NAME	ROOM AREA	NO. PEOPLE	OA RATE (CFM/PER)	OA RATE (CFM/SF)	OA CFM (Voz)	SA CFM	MIN. SA CFM	OA/SA RATIO	Rp x Pz	Ra x Az	NOTES
AHU-1	101	ENTRY VEST	95	0	5	0.06	7	100	100	0.071	0	5.70	
AHU-1	102	EOC OFFICE MANAGER	127	2	5	0.06	22	225	225	0.098	10	7.62	
AHU-1	103	EOC DIRECTOR	165	2	5	0.06	25	245	245	0.102	10	9.90	
AHU-1	104	EOC COORDINATOR	148	2	5	0.06	24	245	245	0.096	10	8.88	
AHU-1	105	OPS CHIEF OFFICE	95	2	5	0.06	20	180	180	0.109	10	5.70	
AHU-1	106	MAP ROOM	75	2	5	0.06	18	180	180	0.101	10	4.50	
TOTAL			705	10			115	1175	1175	0.10	50.0	42.3	

NOTES:
1. Calculations in accordance with FBC 2023; Rates in accordance with Table 403.3.1.1
2. Zone OA =((No.People*OA CFM Rate/Person)+(SF*OA Rate/SF))/0.8 Zone Air Dist Effectiveness (Table 403.3.1.1.1.2)
3. Transfer Air
4. System Ventilation Efficiency is in accordance with Table 403.3.1.1.2.3.2
OA/SA Ratio Ev
0.15 or Less 1.0
0.25 or Less 0.9
0.35 or Less 0.8
0.45 or Less 0.7
0.55 or Less 0.6
0.65 or Less 0.5
0.75 or Less 0.4
0.75 or More 0.3
0.110 Maximum OA/SA Ratio (or Max Zp)
5. Uncorrected Outside Air CFM Vou=D(Sum Rp*Pz)+(Sum Ra*Az) 92 CFM Max # of People 10 Sum of Zone # of People 10
6. People Diversity Factor "D" = Total Population in the "Building" / Sum of Zone Max # of People =
Corrected Outside CFM = (Uncorrected OA CFM) / Ev
Corrected Outside CFM = 92

VENTILATION AIR CALCULATIONS - AHU-2

ZONE NO.	ROOM NO.	ROOM NAME	ROOM AREA	NO. PEOPLE	OA RATE (CFM/PER)	OA RATE (CFM/SF)	OA CFM (Voz)	SA CFM	MIN. SA CFM	OA/SA RATIO	Rp x Pz	Ra x Az	NOTES
AHU-2	107	HOTLINE DESK	110	3	5	0.06	27	185	185	0.146	15	6.60	
AHU-2	108	EMER. OPERATIONS CENTER	1523	40	5	0.06	364	2250	2250	0.162	200	91.38	
TOTAL			1633	43			391	2435	2435	0.16	215.0	98.0	

NOTES:
1. Calculations in accordance with FBC 2023; Rates in accordance with Table 403.3.1.1
2. Zone OA =((No.People*OA CFM Rate/Person)+(SF*OA Rate/SF))/0.8 Zone Air Dist Effectiveness (Table 403.3.1.1.1.2)
3. Transfer Air
4. System Ventilation Efficiency is in accordance with Table 403.3.1.1.2.3.2
OA/SA Ratio Ev
0.15 or Less 1.0
0.25 or Less 0.9
0.35 or Less 0.8
0.45 or Less 0.7
0.55 or Less 0.6
0.65 or Less 0.5
0.75 or Less 0.4
0.75 or More 0.3
0.160 Maximum OA/SA Ratio (or Max Zp)
5. Uncorrected Outside Air CFM Vou=D(Sum Rp*Pz)+(Sum Ra*Az) 313 CFM Max # of People 43 Sum of Zone # of People 43
6. People Diversity Factor "D" = Total Population in the "Building" / Sum of Zone Max # of People =
Corrected Outside CFM = (Uncorrected OA CFM) / Ev
Corrected Outside CFM = 348

VENTILATION AIR CALCULATIONS - AHU-3

ZONE NO.	ROOM NO.	ROOM NAME	ROOM AREA	NO. PEOPLE	OA RATE (CFM/PER)	OA RATE (CFM/SF)	OA CFM (Voz)	SA CFM	MIN. SA CFM	OA/SA RATIO	Rp x Pz	Ra x Az	NOTES
AHU-3	111	CONFERENCE	242	10	5	0.06	81	350	350	0.230	50	14.52	
AHU-3	112	BREAK OUT	735	30	5	0.06	243	1530	1530	0.159	150	44.10	
TOTAL			977	40			323	1880	1880	0.17	200.0	58.6	

NOTES:
1. Calculations in accordance with FBC 2023; Rates in accordance with Table 403.3.1.1
2. Zone OA =((No.People*OA CFM Rate/Person)+(SF*OA Rate/SF))/0.8 Zone Air Dist Effectiveness (Table 403.3.1.1.1.2)
3. Transfer Air
4. System Ventilation Efficiency is in accordance with Table 403.3.1.1.2.3.2
OA/SA Ratio Ev
0.15 or Less 1.0
0.25 or Less 0.9
0.35 or Less 0.8
0.45 or Less 0.7
0.55 or Less 0.6
0.65 or Less 0.5
0.75 or Less 0.4
0.75 or More 0.3
0.230 Maximum OA/SA Ratio (or Max Zp)
5. Uncorrected Outside Air CFM Vou=D(Sum Rp*Pz)+(Sum Ra*Az) 259 CFM Max # of People 40 Sum of Zone # of People 40
6. People Diversity Factor "D" = Total Population in the "Building" / Sum of Zone Max # of People =
Corrected Outside CFM = (Uncorrected OA CFM) / Ev
Corrected Outside CFM = 287

VENTILATION AIR CALCULATIONS - AHU-4

ZONE NO.	ROOM NO.	ROOM NAME	ROOM AREA	NO. PEOPLE	OA RATE (CFM/PER)	OA RATE (CFM/SF)	OA CFM (Voz)	SA CFM	MIN. SA CFM	OA/SA RATIO	Rp x Pz	Ra x Az	NOTES
AHU-4	113	DEBRIS REMOVAL/DAMAGE ASSESSMENT	117	2	5	0.06	21	140	140	0.152	10	7.02	
AHU-4	114	FILE STOR.	65	1	5	0.06	11	85	85	0.131	5	3.90	
AHU-4	115	CORRIDOR	128	0	0	0.06	10	110	110	0.087	0	7.68	
AHU-4	116	PANTRY	126	0	5	0.12	19	180	180	0.105	0	15.12	
AHU-4	117	KITCHEN	256	3	7.5	0.18	86	250	250	0.343	23	46.08	
AHU-4	118	RESTROOM/SHOWER	72	0	0	0	0	50	50	0.000	0	0.00	Note #3
AHU-4	119	RESTROOM/SHOWER	72	0	0	0	0	50	50	0.000	0	0.00	Note #3
AHU-4	121	JANITOR	30	0	0	0	0	0	0	0.000	0	0.00	Note #3
TOTAL			866	6			147	865	865	0.17	37.5	79.8	

NOTES:
1. Calculations in accordance with FBC 2023; Rates in accordance with Table 403.3.1.1
2. Zone OA =((No.People*OA CFM Rate/Person)+(SF*OA Rate/SF))/0.8 Zone Air Dist Effectiveness (Table 403.3.1.1.1.2)
3. Transfer Air
4. System Ventilation Efficiency is in accordance with Table 403.3.1.1.2.3.2
OA/SA Ratio Ev
0.15 or Less 1.0
0.25 or Less 0.9
0.35 or Less 0.8
0.45 or Less 0.7
0.55 or Less 0.6
0.65 or Less 0.5
0.75 or Less 0.4
0.75 or More 0.3
0.340 Maximum OA/SA Ratio (or Max Zp)
5. Uncorrected Outside Air CFM Vou=D(Sum Rp*Pz)+(Sum Ra*Az) 117 CFM Max # of People 6 Sum of Zone # of People 6
6. People Diversity Factor "D" = Total Population in the "Building" / Sum of Zone Max # of People =
Corrected Outside CFM = (Uncorrected OA CFM) / Ev
Corrected Outside CFM = 147

VENTILATION AIR CALCULATIONS - AHU-5

ZONE NO.	ROOM NO.	ROOM NAME	ROOM AREA	NO. PEOPLE	OA RATE (CFM/PER)	OA RATE (CFM/SF)	OA CFM (Voz)	SA CFM	MIN. SA CFM	OA/SA RATIO	Rp x Pz	Ra x Az	NOTES
AHU-5	123	LAUNDRY	33	1	7.5	0.12	14	150	150	0.096	8	3.96	
AHU-5	124	RESTROOM	54	0	0	0	0	50	50	0.000	0	0.00	Note #3
AHU-5	125	BUNK CORRIDOR	261	2	0	0.06	20	100	100	0.196	0	15.66	
AHU-5	126	BUNK 1	50	1	5	0.06	10	150	150	0.067	5	3.00	
AHU-5	127	BUNK 2	50	1	5	0.06	10	150	150	0.067	5	3.00	
AHU-5	128	BUNK 3	50	1	5	0.06	10	150	150	0.067	5	3.00	
AHU-5	129	BUNK 4	50	1	5	0.06	10	150	150	0.067	5	3.00	
AHU-5	130	BUNK 5	50	1	5	0.06	10	150	150	0.067	5	3.00	
AHU-5	131	BUNK 6	50	1	5	0.06	10	150	150	0.067	5	3.00	
AHU-5	132	RESTROOM/SHOWER	71	0	0	0	0	50	50	0.000	0	0.00	Note #3
TOTAL			719	9			94	1250	1250	0.08	37.5	37.6	

NOTES:
1. Calculations in accordance with FBC 2023; Rates in accordance with Table 403.3.1.1
2. Zone OA =((No.People*OA CFM Rate/Person)+(SF*OA Rate/SF))/0.8 Zone Air Dist Effectiveness (Table 403.3.1.1.1.2)
3. Transfer Air
4. System Ventilation Efficiency is in accordance with Table 403.3.1.1.2.3.2
OA/SA Ratio Ev
0.15 or Less 1.0
0.25 or Less 0.9
0.35 or Less 0.8
0.45 or Less 0.7
0.55 or Less 0.6
0.65 or Less 0.5
0.75 or Less 0.4
0.75 or More 0.3
0.200 Maximum OA/SA Ratio (or Max Zp)
5. Uncorrected Outside Air CFM Vou=D(Sum Rp*Pz)+(Sum Ra*Az) 75 CFM Max # of People 9 Sum of Zone # of People 9
6. People Diversity Factor "D" = Total Population in the "Building" / Sum of Zone Max # of People =
Corrected Outside CFM = (Uncorrected OA CFM) / Ev
Corrected Outside CFM = 83 (180 CFM OA SCHEDULED)



FRANKLIN COUNTY
E.O.C.

19001 Drawn By: CAH
Project Code Checked By: CHA

17 APRIL 2026

Date

100%
CONSTRUCTION
DOCUMENTS

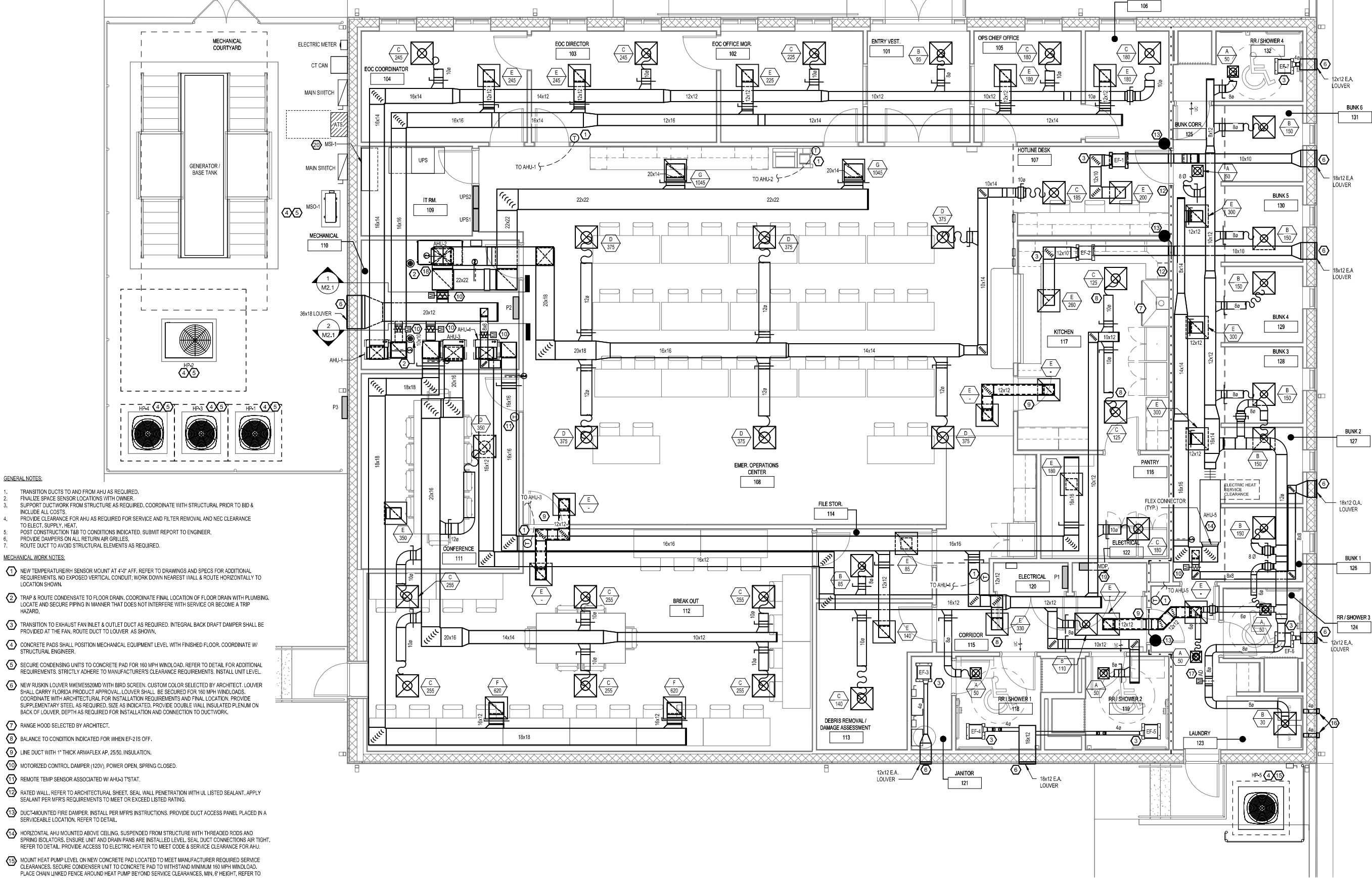


MECHANICAL VENT
CALCS

Tallahassee Florida



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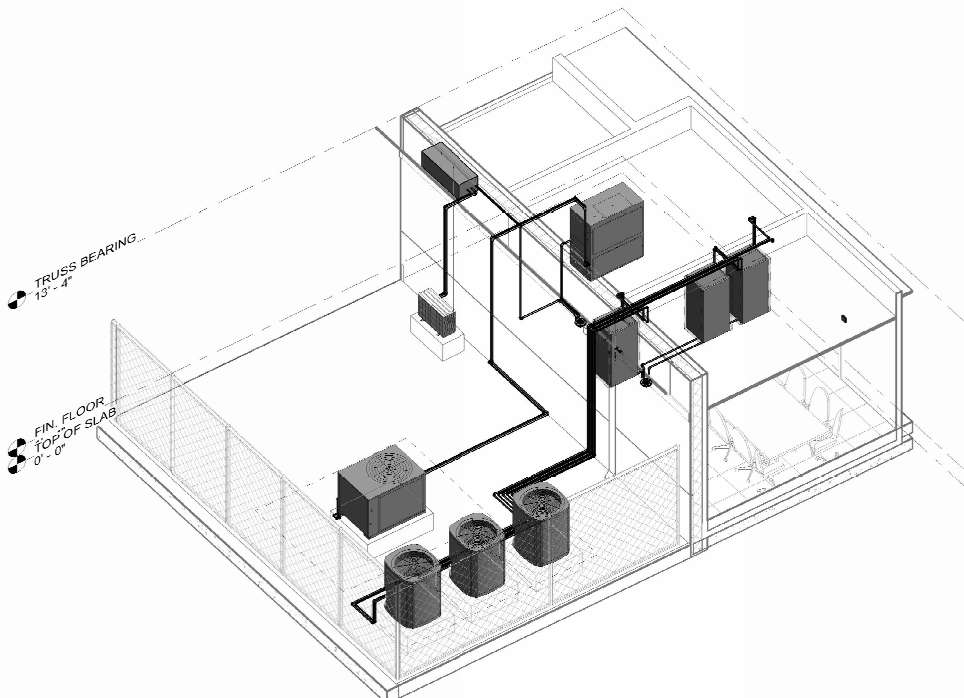
- GENERAL NOTES:
- TRANSITION DUCTS TO AND FROM AHU AS REQUIRED.
 - FINALIZE SPACE SENSOR LOCATIONS WITH OWNER.
 - SUPPORT DUCTWORK FROM STRUCTURE AS REQUIRED. COORDINATE WITH STRUCTURAL PRIOR TO BID & INCLUDE ALL COSTS.
 - PROVIDE CLEARANCE FOR AHU AS REQUIRED FOR SERVICE AND FILTER REMOVAL AND NEC CLEARANCE TO ELECT. SUPPLY, HEAT.
 - POST CONSTRUCTION TAB TO CONDITIONS INDICATED. SUBMIT REPORT TO ENGINEER.
 - PROVIDE DAMPERS ON ALL RETURN AIR GRILLES.
 - ROUTE DUCT TO AVOID STRUCTURAL ELEMENTS AS REQUIRED.
- MECHANICAL WORK NOTES:
- NEW TEMPERATURE/RH SENSOR MOUNT AT 4'-0" AFF. REFER TO DRAWINGS AND SPECS FOR ADDITIONAL REQUIREMENTS. NO EXPOSED VERTICAL CONDUIT; WORK DOWN NEAREST WALL & ROUTE HORIZONTALLY TO LOCATION SHOWN.
 - TRAP & ROUTE CONDENSATE TO FLOOR DRAIN. COORDINATE FINAL LOCATION OF FLOOR DRAIN WITH PLUMBING. LOCATE AND SECURE PIPING IN MANNER THAT DOES NOT INTERFERE WITH SERVICE OR BECOME A TRIP HAZARD.
 - TRANSITION TO EXHAUST FAN INLET & OUTLET DUCT AS REQUIRED. INTEGRAL BACK DRAFT DAMPER SHALL BE PROVIDED AT THE FAN. ROUTE DUCT TO LOUVER AS SHOWN.
 - CONCRETE PADS SHALL POSITION MECHANICAL EQUIPMENT LEVEL WITH FINISHED FLOOR. COORDINATE W/ STRUCTURAL ENGINEER.
 - SECURE CONDENSING UNITS TO CONCRETE PAD FOR 160 MPH WINDLOAD. REFER TO DETAIL FOR ADDITIONAL REQUIREMENTS. STRICTLY ADHERE TO MANUFACTURER'S CLEARANCE REQUIREMENTS. INSTALL UNIT LEVEL.
 - NEW RUSKIN LOUVER M1EMES20MD WITH BIRD SCREEN. CUSTOM COLOR SELECTED BY ARCHITECT. LOUVER SHALL CARRY FLORIDA PRODUCT APPROVAL. LOUVER SHALL BE SECURED FOR 160 MPH WINDLOADS. COORDINATE WITH ARCHITECTURAL FOR INSTALLATION REQUIREMENTS AND FINAL LOCATION. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED. SIZE AS INDICATED. PROVIDE DOUBLE WALL INSULATED PLENUM ON BACK OF LOUVER. DEPTH AS REQUIRED FOR INSTALLATION AND CONNECTION TO DUCTWORK.
 - RANGE HOOD SELECTED BY ARCHITECT.
 - BALANCE TO CONDITION INDICATED FOR WHEN EF-2 IS OFF.
 - LINE DUCT WITH 1" THICK ARMAFLEX AP, 25/50, INSULATION.
 - MOTORIZED CONTROL DAMPER (120V), POWER OPEN, SPRING CLOSED.
 - REMOTE TEMP SENSOR ASSOCIATED W/ AHU-3 T-STAT.
 - RATED WALL. REFER TO ARCHITECTURAL SHEET. SEAL WALL PENETRATION WITH UL LISTED SEALANT. APPLY SEALANT PER MFR'S REQUIREMENTS TO MEET OR EXCEED LISTED RATING.
 - DUCT-MOUNTED FIRE DAMPER. INSTALL PER MFR'S INSTRUCTIONS. PROVIDE DUCT ACCESS PANEL PLACED IN A SERVICEABLE LOCATION. REFER TO DETAIL.
 - HORIZONTAL AHU MOUNTED ABOVE CEILING. SUSPENDED FROM STRUCTURE WITH THREADED RODS AND SPRING ISOLATORS. ENSURE UNIT AND DRAIN PANS ARE INSTALLED LEVEL. SEAL DUCT CONNECTIONS AIR TIGHT. REFER TO DETAIL. PROVIDE ACCESS TO ELECTRIC HEATER TO MEET CODE & SERVICE CLEARANCE FOR AHU.
 - MOUNT HEAT PUMP LEVEL ON NEW CONCRETE PAD LOCATED TO MEET MANUFACTURER REQUIRED SERVICE CLEARANCES. SECURE CONDENSER UNIT TO CONCRETE PAD TO WITHSTAND MINIMUM 160 MPH WINDLOAD. PLACE CHAIN LINKED FENCE AROUND HEAT PUMP BEYOND SERVICE CLEARANCES. MIN. 6' HEIGHT. REFER TO DETAIL.
 - PROVIDE 4" DIA. DRYER WALL CAP WITH INTEGRAL BACKDRAFT DAMPER. COORDINATE FINAL LOCATION WITH ARCHITECT. PROVIDE 4" DIA. METAL DUCT. RATED FOR CLOTHES DRYER APPLICATIONS AND CONNECT TO DRYER WALL CAP & TO CLOTHES DRYER (DRYERS PROVIDED BY OTHERS).
 - MOTORIZED DAMPER (DD-1), 120V, POWER OPEN, SPRING CLOSED WITH STOP (FOR MINIMUM POSITION) REFER TO M3.3 FOR SEQUENCE OF OPERATION.
 - ARRANGE DUCT AS REQUIRED TO MAINTAIN ACCESS TO ELECTRIC HEATER TO MEET CODE AND SERVICE CLEARANCE FOR AHU.
 - ATTACH DRIP PAN TO DUCT ROUTED OVER ELECTRICAL ROOM TO CATCH ANY CONDENSATE FROM DUCT SWEATING. DRIP PAN AND DUCT MUST BE MIN. 6'-0" ABOVE THE TOP OF THE HIGHEST MOUNTED PANEL TO MEET NEC REQUIREMENTS. COORDINATE WITH ELECTRICAL.
 - REFRIGERANT DETECTOR. REFER TO SPECS FOR LOCATION REQUIREMENTS.

WALL TYPE LEGEND	
- - - -	1 HOUR RATED WALL ASSEMBLY

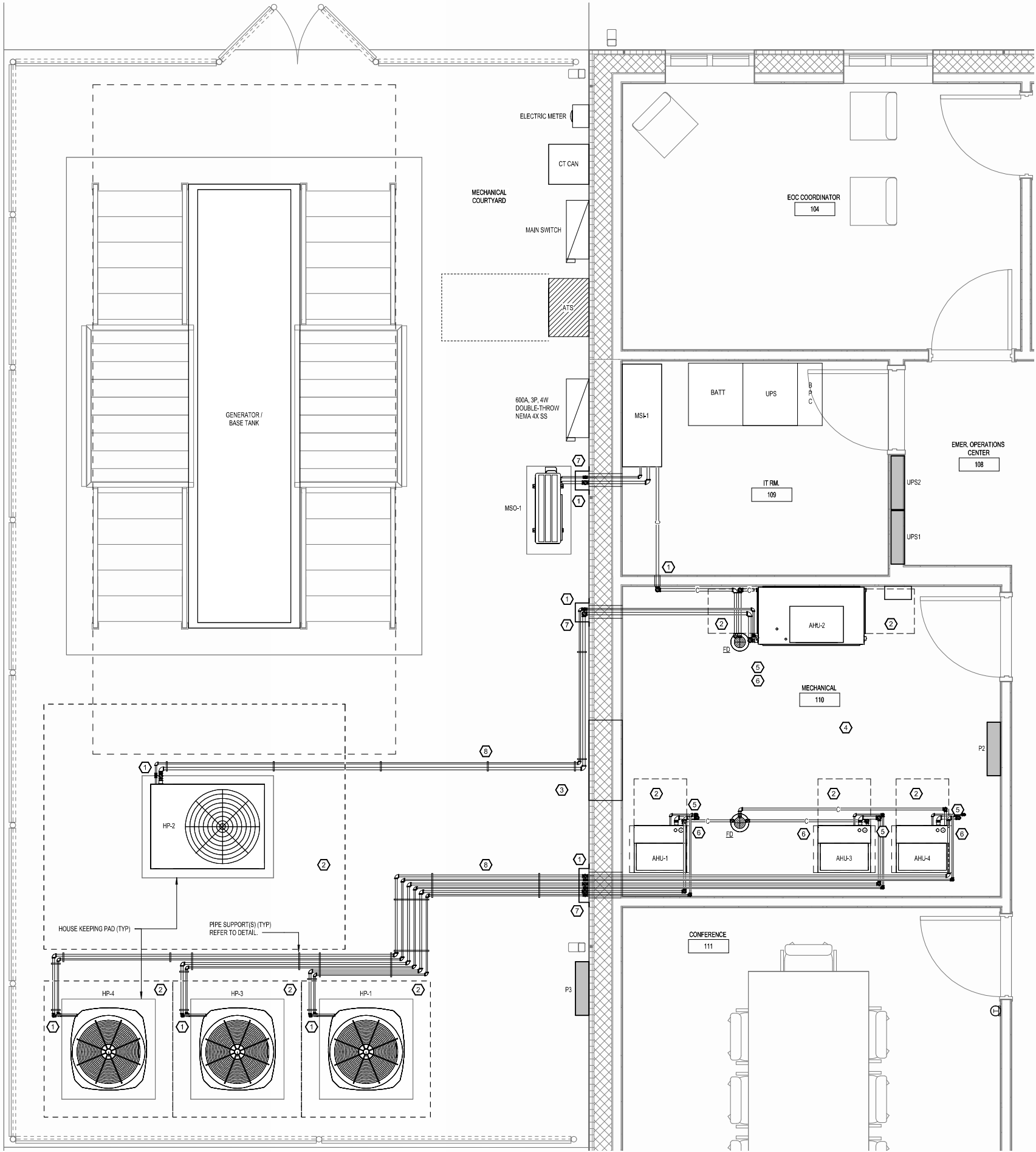
1 FLOOR PLAN - MECHANICAL
SCALE: 1/4" = 1'-0"



- MECHANICAL WORK NOTES:
- 1 SLEEVE & SEAL PIPE PENETRATION WATER TIGHT.
 - 2 SERVICE AREA.
 - 3 O.A. INTAKE LOUVER.
 - 4 COORDINATE CLOSELY WITH PLUMBING CONTRACTOR PRIOR TO BID AND DURING CONSTRUCTION TO AVOID CONFLICT WITH SANITARY PIPING IN THIS AREA. OFF-SET PIPING AS REQUIRED. INCLUDE ALL COSTS.
 - 5 TRAP CONDENSATE & SLOPE PIPE TO DRAIN. MINIMIZE TRIP HAZARD. ROUTE CONDENSATE TO SANITARY.
 - 6 COORDINATE W/ SPLIT-SYSTEM HEAT PUMP MANUFACTURER & PROVIDE ALL REF. ACCESSORIES, ETC. NECESSARY FOR ACTUAL REF. PIPE ROUTING BELOW AHU & CONDENSER UNIT.
 - 7 PROVIDE ALUMINUM PIPE COVER SIZED AS REQUIRED. COLOR SELECTED BY ARCHITECT. COVER REFRIGERANT PIPE WITH ALUMINUM JACKET. SECURE ALUMINUM COVER & PIPE TO WALL TO WITHSTAND 160 MPH WINDLOAD. REFER TO DETAIL.
 - 8 PROVIDE DIAMOND PLATE WALK OVER, PAINT BRIGHT YELLOW. REFER TO DETAIL.



2 MECHANICAL RM. 110 - HVAC PIPING ISOMETRIC
SCALE:



1 FLOOR PLAN - MECHANICAL - HVAC PIPING
SCALE: 1/2" = 1'-0"

BFBS
ARCHITECTS

FRANKLIN COUNTY
E.O.C.

19001 Drawn By: CAH
Project Code Checked By: CHA
Date 17 APRIL 2026

100%
CONSTRUCTION
DOCUMENTS

Revisions

1	
2	
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FLOOR PLAN -
MECHANICAL -
HVAC PIPING

Tallahassee Florida

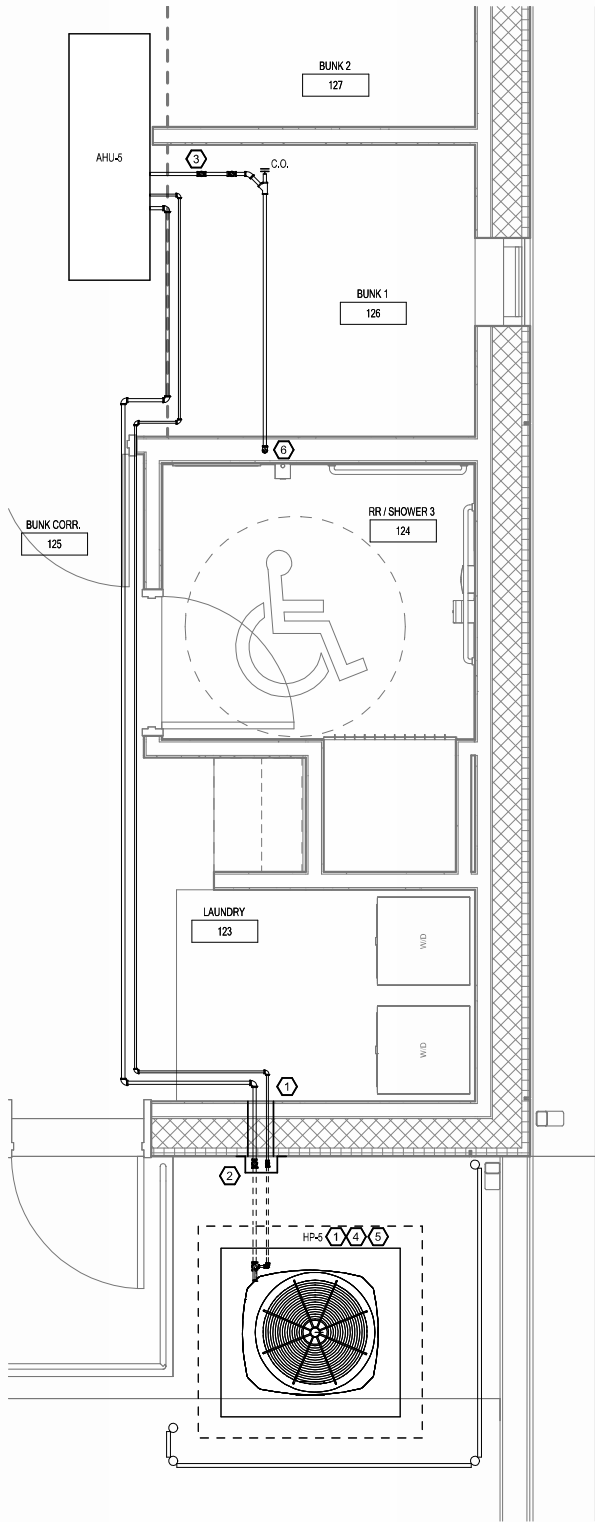
M1.2

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978

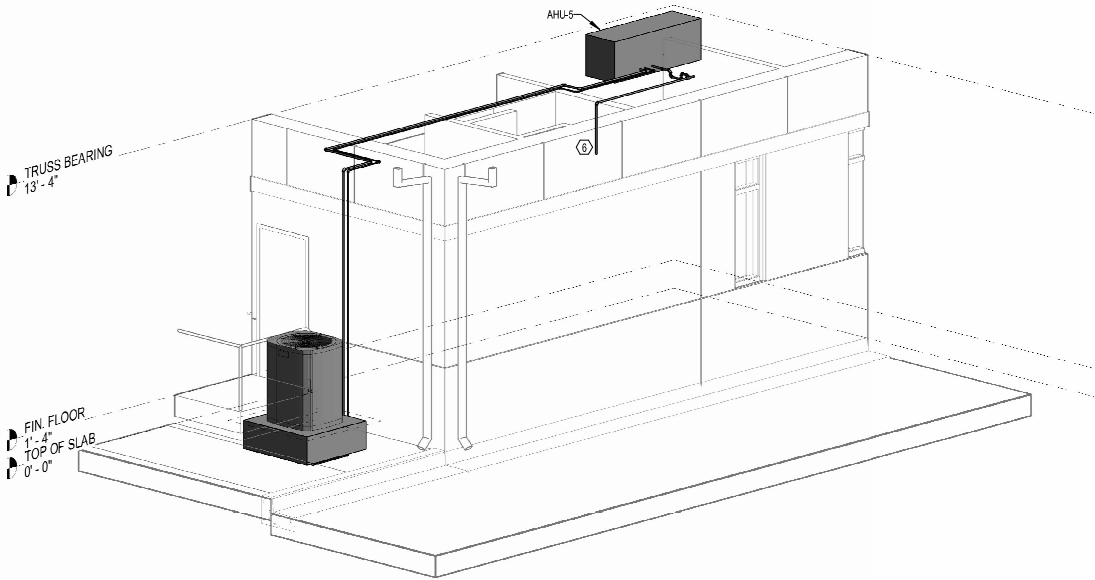
PINNACLE
ENGINEERING
GROUP, P.A.

2002 THOMASVILLE ROAD, STE C
TALLAHASSEE, FLORIDA 32308
(904) 420-1793 PHONE
ENGINEERING BUSINESS NO. 9193

222-119.01



1 FLOOR PLAN - MECHANICAL - HVAC PIPING
SCALE: 1/2" = 1'-0"



2 AHU-5 - HVAC PIPING ISOMETRIC
SCALE:

MECHANICAL WORK NOTES:

- 1 SLEEVE & SEAL PIPE PENETRATIONS WATER TIGHT.
- 2 PROVIDE ALUMINUM PIPE COVER SIZED AS REQUIRED, COLOR SELECTED BY ARCHITECT. COVER REFRIGERANT PIPE WITH ALUMINUM JACKET. SECURE ALUMINUM COVER & PIPE TO WALL TO WITHSTAND 160 MPH WINDLOAD. REFER TO DETAIL.
- 3 TRAP CONDENSATE AND PROVIDE CLEAN OUTS WHERE REQUIRED. SLOPE PIPE AS NEEDED. ROUTE PIPE TO NOT INTERFERE WITH NEW DUCTWORK/AIR DEVICES.
- 4 COORDINATE WITH SPLIT-SYSTEM MANUFACTURER & PROVIDE ALL REFRIGERANT ACCESSORIES, ETC. NECESSARY FOR ACTUAL REFRIGERANT PIPE LENGTH AND ROUTING.
- 5 COORDINATE CLOSELY WITH PLUMBING CONTRACTOR PRIOR TO BID AND DURING CONSTRUCTION TO AVOID CONFLICT WITH SANITARY PIPING IN THIS AREA. OFF-SET PIPING AS REQUIRED. INCLUDE ALL COSTS.
- 6 ROUTE AHU CONDENSATE PIPE TO FLOOR SINK PROVIDED BY PLUMBING. SEE PLUMBING SHEET P1.1. INSULATE ALL HORIZONTAL PIPING.

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FLOOR PLAN -
MECHANICAL -
HVAC PIPING

Tallahassee Florida

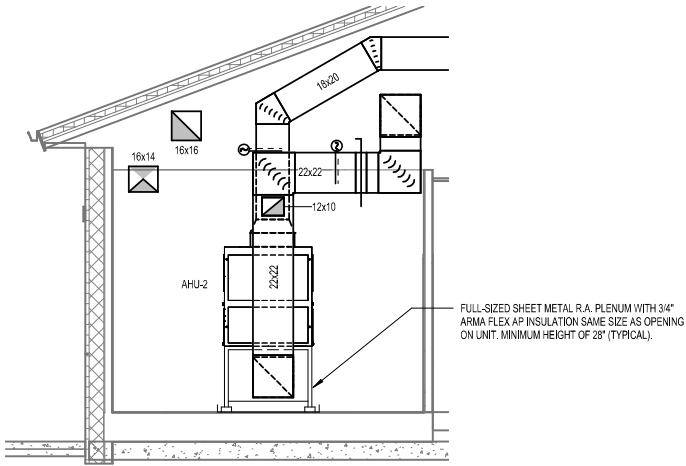
M1.3

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978

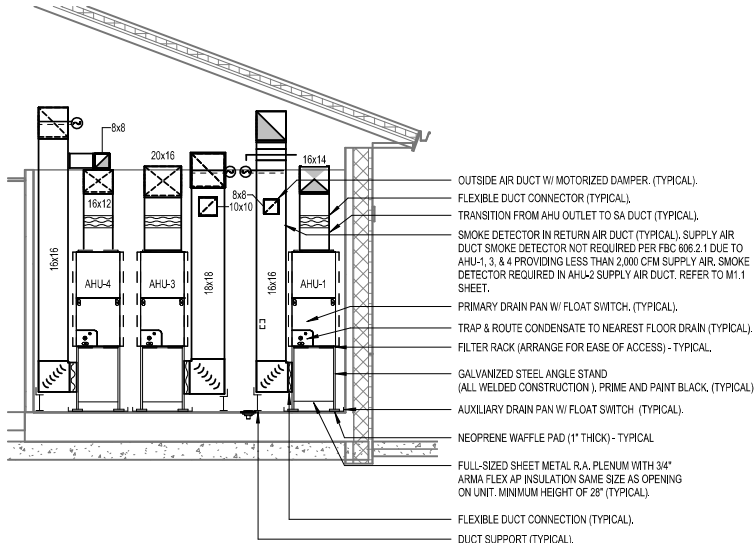
PINNACLE
ENGINEERING
GROUP, P.A.

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(904) 420-1783 PHONE
ENGINEERING BUSINESS NO. 9193

222-119.01



1 AHU-2 ELEVATION
SCALE: 1/4" = 1'-0"



2 AHU-1, 3, & 4 ELEVATION
SCALE: 1/4" = 1'-0"

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E.O.C.

19001 Drawn By: CAH
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Date

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Revisions
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ELEVATIONS &
ISOMETRICS

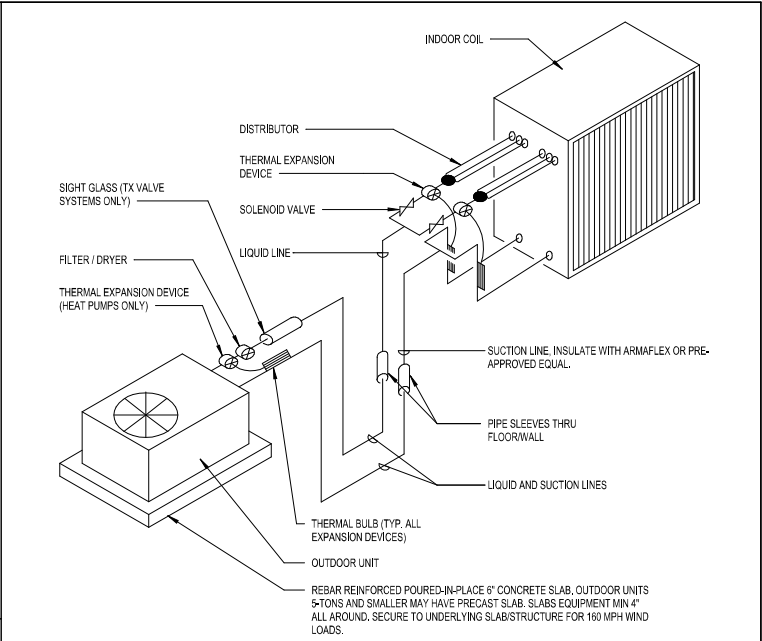
Tallahassee Florida

M2.1

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978

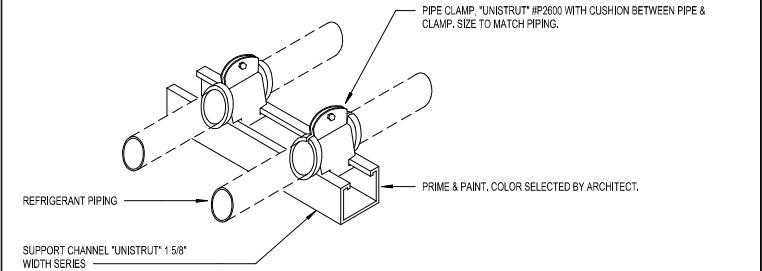
PINNACLE
ENGINEERING
GROUP, P.A.
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(850) 420-1793 PHONE
ENGINEERING BUSINESS NO. 9193

222-T19.01



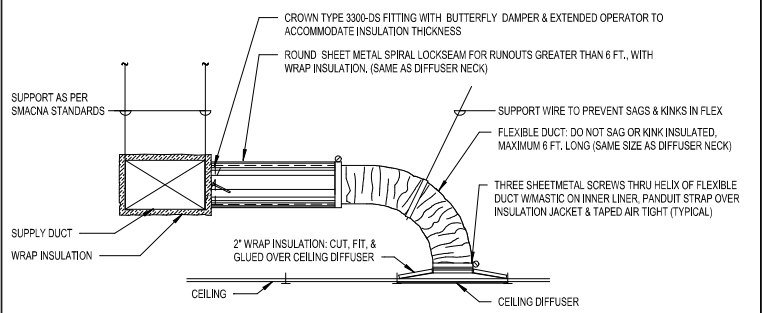
REFRIGERANT PIPING ISOMETRIC

N.T.S.



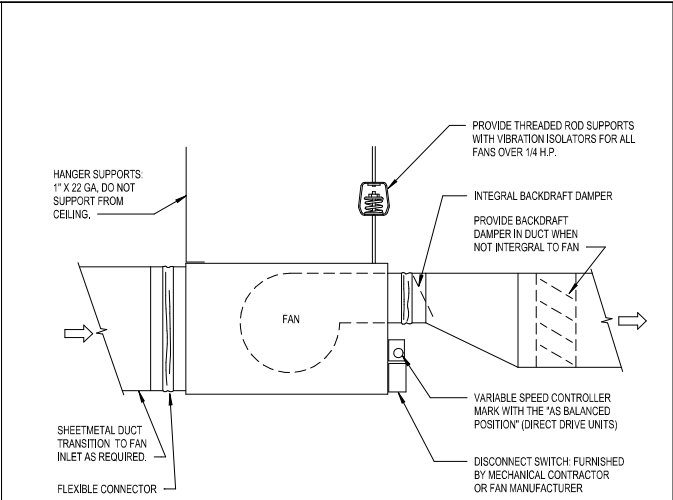
REFRIGERANT PIPING DETAIL

N.T.S.



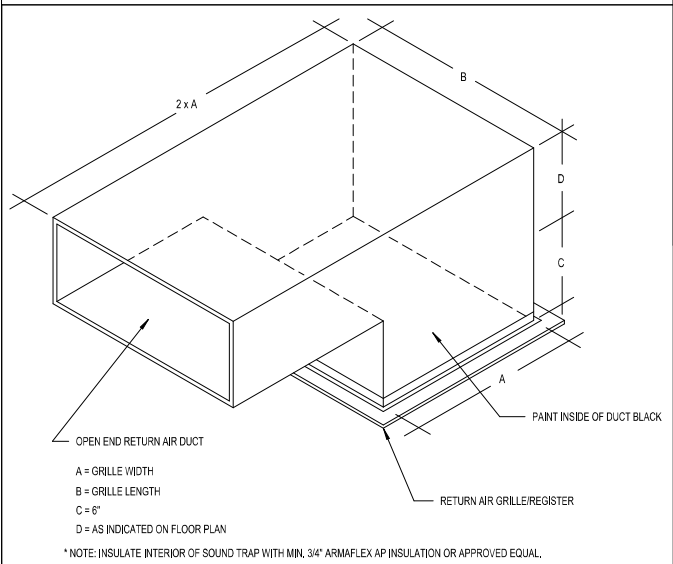
CEILING DIFFUSER RUNOUT DETAIL

N.T.S.



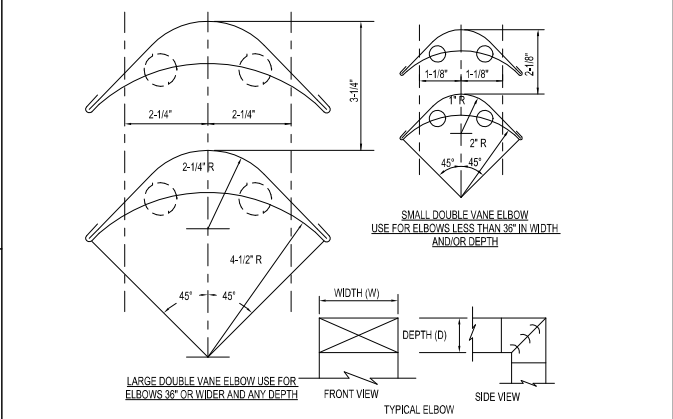
IN-LINE EXHAUST FAN DETAIL

N.T.S.



RETURN AIR SOUNDTRAP DETAIL

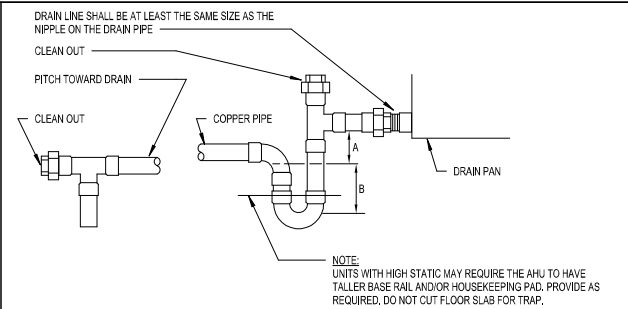
N.T.S.



- NOTES:
1. ALL SQUARE & RECTANGULAR ELBOWS SHALL HAVE ONE OF THE TWO TYPES OF TURNING VANES SHOWN ABOVE. SINGLE VANE ELBOWS WILL NOT BE PERMITTED.
2. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.
3. ALL SQUARE & RECTANGULAR ELBOWS SHOWN ON PLANS FOR EXHAUST OR RETURN DUCT MAY BE MADE RADIUS ELBOWS PROVIDED SPACE PERMITS RADIUS INSTALLATION.
4. ALL SQUARE & RECTANGULAR ELBOWS SHOWN ON PLANS FOR SUPPLY DUCT MAY BE MADE RADIUS ELBOWS PROVIDED SPACE PERMITS RADIUS INSTALLATION AND/OR THERE ISN'T AN OUTLET OR TAKE-OFF WITHIN 50' ON THE DOWNSTREAM SIDE OF THE ELBOW.

SQUARE & RECTANGULAR ELBOWS

N.T.S.

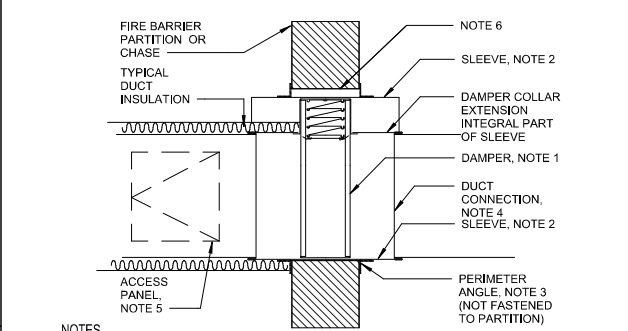


UNIT TYPE	A	B
DRAW THRU	X + 1"	2"
BLOW THRU	1" MIN.	2.0 X

WHERE X = STATIC PRESSURE IN PAN

AIR HANDLING UNIT CONDENSATE TRAP

N.T.S.

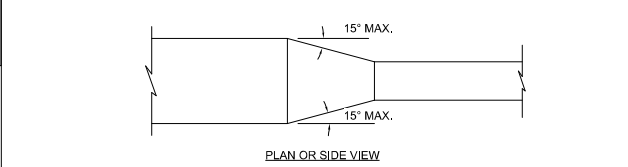


NOTES

1. A VERTICAL DAMPER IS SHOWN. HORIZONTAL DAMPER INSTALLATION IS SIMILAR. FOLLOW DAMPER MANUFACTURER'S INSTRUCTIONS, INCLUDING FASTENER OPTIONS AND GAUGES FOR SLEEVE AND PERIMETER ANGLES. FIRE DAMPERS MUST BE INSTALLED IN THE PARTITION OR FLOOR, NOT OUTSIDE THE PARTITION.
2. GALVANIZED SLEEVE: GAUGE NOT LESS THAN CONNECTING DUCT. FASTEN SLEEVE TO DAMPER FRAME AND TO PERIMETER ANGLES.
3. PERIMETER ANGLES: GALVANIZED STEEL, NOT LESS THAN 1-1/2" x 1-1/2" 14 GAUGE TO PROVIDE 1 INCH MINIMUM OVERLAP OF OPENING ON ALL 4 SIDES.
4. BREAKAWAY DUCT CONNECTION: CONTRACTOR'S OPTION OF TYPES SHOWN IN SMACNA LPDS, FIG. 2-13. SEAL JOINTS.
5. ACCESS PANELS: SIZE AND LOCATION TO PERMIT SERVICING THE FUSIBLE LINK OR LINKS. MIN 12"x12" SIZE.
6. PROVIDE 1/4 TO 1/2 INCH CLEARANCE ON HEIGHT AND WIDTH.

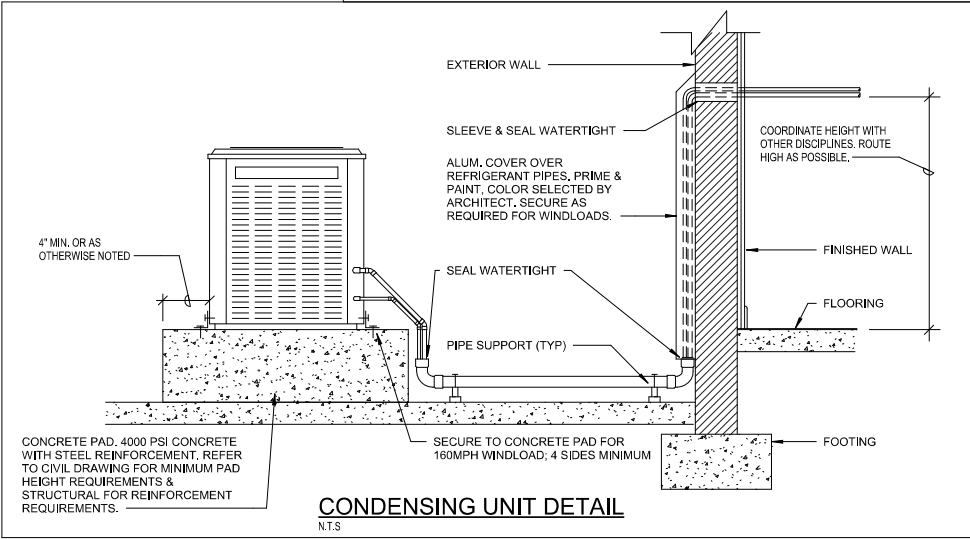
FIRE DAMPER DETAIL

N.T.S.



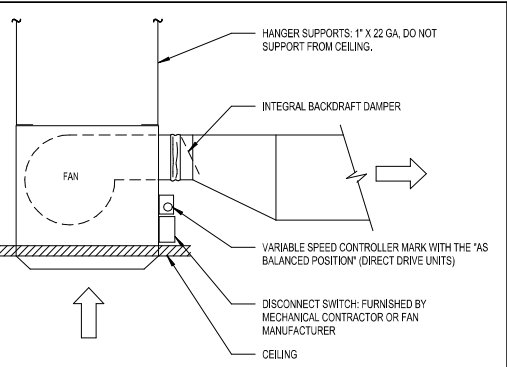
DUCT TRANSITION

N.T.S.



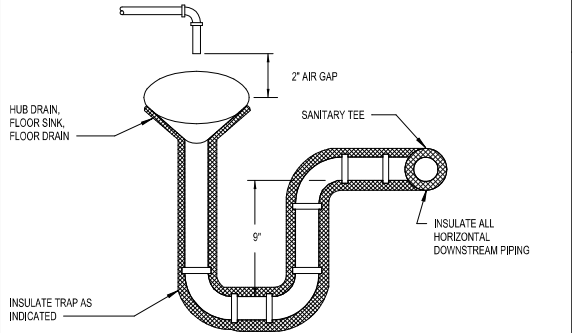
CONDENSING UNIT DETAIL

N.T.S.



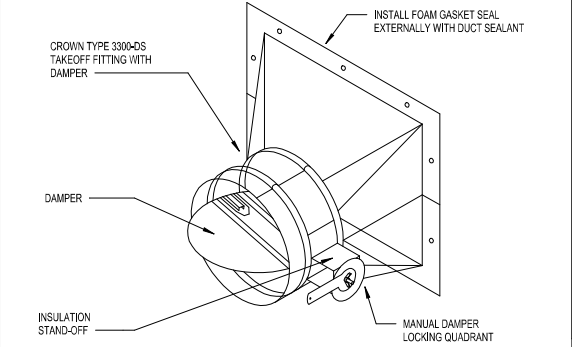
CEILING MOUNTED FAN DETAIL

N.T.S.



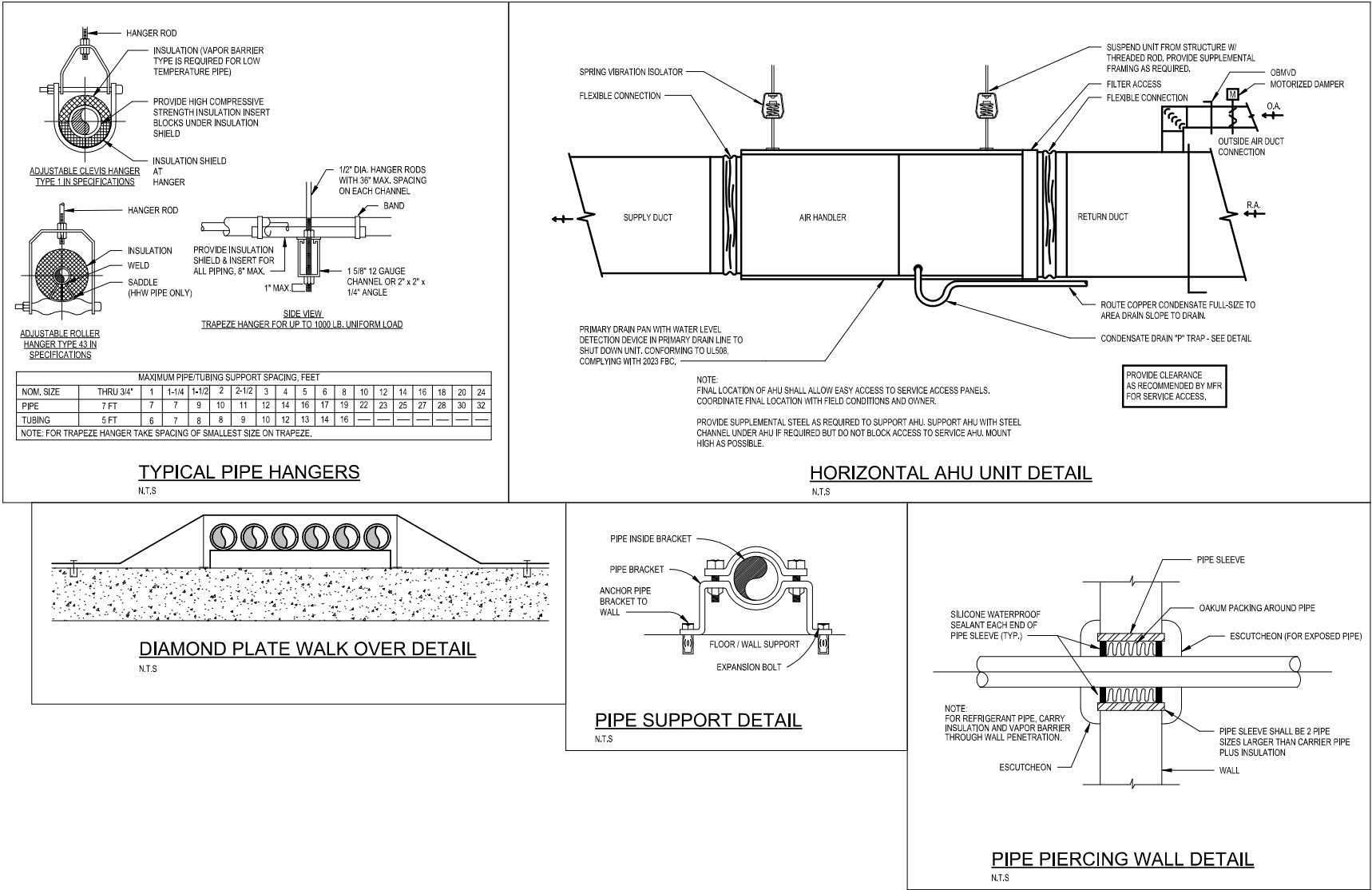
CONDENSATE RECEPTOR DETAIL

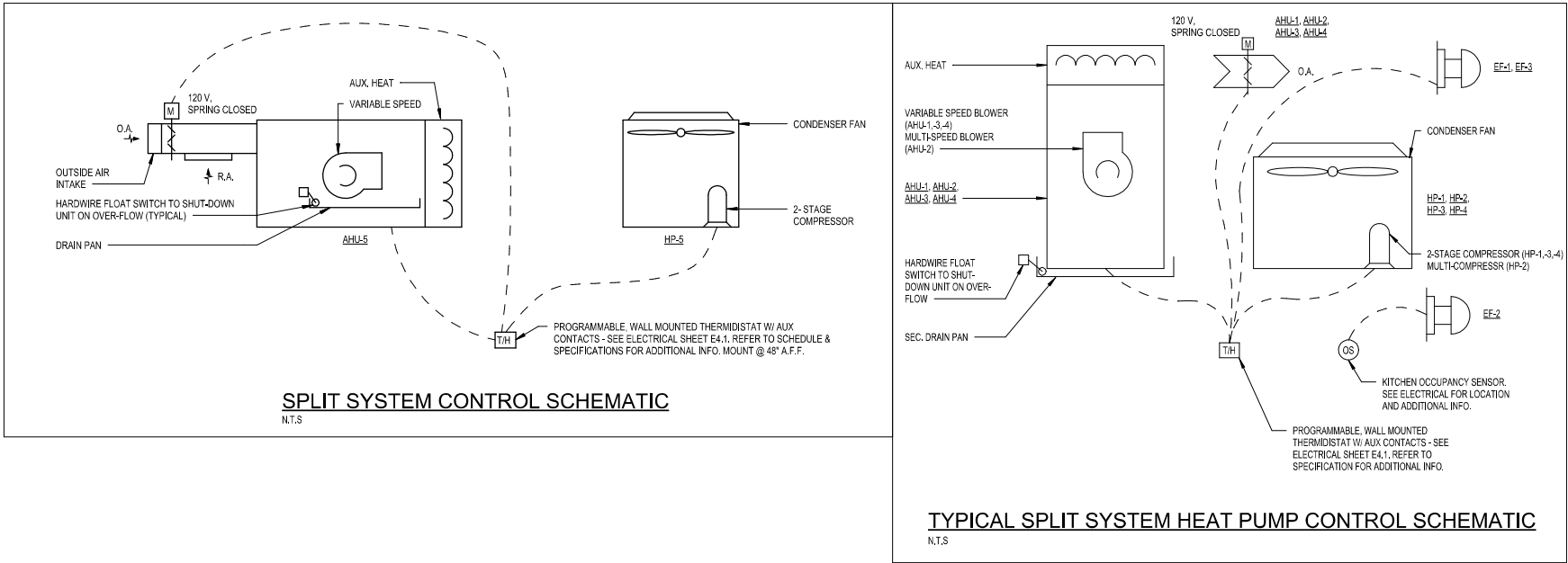
N.T.S.



DUCT TAKE-OFF DETAILS

N.T.S.





SPLIT SYSTEM DX

THE PROGRAMMABLE THERMIDISTAT SHALL START/STOP THE AHU THROUGH THE AUTOMATIC CIRCUIT OF THE AHU STARTER, THE THERVOSTAT SHALL START/STOP THE AHU BASED ON TIME SCHEDULES.

- A. COOLING
- WHEN THE UNIT IS RUNNING AND IN THE COOLING MODE, THE MULTI SPEED COMPRESSOR (OR MULTIPLE COMPRESSORS) SHALL BE MODULATED/STAGED TO MAINTAIN A MAXIMUM SPACE AIR TEMPERATURE SETPOINT.
 - WHEN THE UNIT IS OFF, THE COMPRESSOR AND FANS SHALL BE OFF.
- B. HEATING
- WHEN THE UNIT IS RUNNING, AND IN THE HEATING MODE, THE MULTI SPEED COMPRESSOR (OR MULTIPLE COMPRESSORS) SHALL BE MODULATED/STAGED TO MAINTAIN A MINIMUM SPACE AIR TEMPERATURE SETPOINT. ELECTRIC HEAT SHALL BE STAGED AS REQUIRED TO MAINTAIN SPACE TEMP.
 - WHEN THE UNIT IS OFF, THE COMPRESSOR AND FANS SHALL BE OFF.
- C. SUPPLY FAN
- WHEN CALLED TO RUN, THE VARIABLE SPEED DRIVE (OR 2-STAGE MOTOR) SHALL MODULATE/STAGE FAN MOTOR SPEED VIA PID ALGORITHMS TO MAINTAIN A MAXIMUM (COOLING) OR MINIMUM (HEATING) SPACE TEMPERATURE SETPOINT.
- D. HUMIDITY
- PROGRAMMABLE THERMIDISTAT SHALL MONITOR SPACE RELATIVE HUMIDITY & CONTROL COMPRESSOR, FAN SPEED, ETC. TO MAINTAIN SPACE RH SET POINT.
- E. OUTSIDE AIR DAMPER
- IN 'OCCUPIED' MODE, THE O.A. DAMPER SHALL OPEN (& EXH FAN SHALL BE 'ON') IN 'UNOCCUPIED' MODE, THE O.A. DAMPER SHALL BE CLOSED (& EXH FAN SHALL BE 'OFF').

SPECIFIC SEQUENCE OF OPERATION:

- A. AHU (TYPICAL):
- SPACE TEMPERATURE SETPOINTS:
 - MAXIMUM SPACE TEMPERATURE (SUMMER MODE) = 75°F (ADJ)
 - MINIMUM SPACE TEMPERATURE (WINTER MODE) = 70°F (ADJ)
 - UNOCCUPIED SPACE TEMPERATURE (SUMMER MODE) = 80°F (ADJ)
 - UNOCCUPIED SPACE TEMPERATURE (WINTER MODE) = 65°F (ADJ)
 - HOURS OF OPERATION:
 - HOOR OF OPERATION = COORDINATE WITH OWNER FOR DAILY AND WEEKLY HOURS OF OPERATION REQUIRED.
- B. EXHAUST FAN CONTROL:
- THE EXHAUST FAN SHOULD OPERATE (OCCUPIED MODE) IN CONJUNCTION W/ THEIR ASSOCIATED AHU AS FOLLOWS. INTERLOCK AS REQUIRED.

AHU	ASSOCIATED EXHAUST FAN
AHU-1	EF-3
AHU-2	EF-1
AHU-3	N/A
AHU-4	N/A
AHU-5	N/A

C. DRYER EXHAUST MAKE-UP AIR:

WHEN THE DRYERS ARE 'OFF', THE LAUNDRY SA DUCT DAMPER WILL BE POSITIONED AT A MINIMUM (STOP) POSITION OF 30 CFM (AS SHOWN ON SHEET M1.1).

WHEN ONE (1) DRYER IS IN USE, A SIGNAL SHALL BE SENT TO THE MOTORIZED DAMPER TO 'OPEN', PROVIDING 150 CFM SUPPLY AIR AS MAKE-UP AIR.

WHEN BOTH DRYERS ARE IN USE, A SIGNAL SHALL BE SENT TO TURN 'OFF' EF-1. (NOTE : THE SA MOTORIZED DAMPER SHALL REMAIN AT 150 CFM SUPPLY AIR AS MAKE-UP AIR).

IF ONE DRYER IS TURNED 'OFF' & ONE DRYER REMAINS 'ON', THEN EF-1 CAN BE TURNED 'ON' (IF AHU-2 IS IN 'OCCUPIED' MODE) AND THE SA DAMPER SHALL REMAIN AT 150 CFM.

WHEN BOTH DRYERS TURN 'OFF' THE MOTORIZED DAMPER SHALL RETURN TO ITS DEFAULT POSITION PROVIDING THE SUPPLY AIR (30 CFM) SHOWN ON SHEET M1.1. AND EF-1 SHALL TURN 'ON' (IF AHU-2 IS IN 'OCCUPIED' MODE).

NOTE:
COORDINATE, WITNESS & TEST ALL CONTROLS W/ ELECTRICAL SUBCONTRACTOR. PROVIDE DOCUMENTATION IN AS-BUILT AND O&M MANUALS.

PLUMBING SPECIFICATIONS

GENERAL

1. ALL WORK SHALL COMPLY WITH THE ARCHITECTURAL GENERAL CONDITIONS. SEE ARCHITECTURAL SPECIFICATIONS.
2. ALL PLUMBING WORK SHALL BE INSTALLED BY A MASTER PLUMBER CERTIFIED IN THE STATE OF FLORIDA, DEPARTMENT OF PROFESSIONAL REGULATION.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH THE OTHER TRADES. SEE ARCHITECTURAL DRAWINGS FOR A DESCRIPTION OF WORK AND SEQUENCE OF CONSTRUCTION. THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC IN NATURE. THEY ARE, HOWEVER, AS ACCURATE AS SCALE PERMITS AND THE CONTRACTOR SHALL FOLLOW THEM AS CLOSELY AS POSSIBLE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL CONDITIONS RELATING TO THE WORK IN THE FIELD PRIOR TO PROCEEDING WITH THE PLUMBING INSTALLATION. THE CONTRACTOR SHALL VERIFY ALL WALLS, PARTITIONS, AND STRUCTURAL SYSTEMS BEFORE INSTALLATION AND FABRICATION OF ANY FIXTURES OR PIPING SYSTEMS. ALL OFFSETS REQUIRED FOR INSTALLATION OF PIPING SHALL BE INCLUDED IN THE SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER. THE ENGINEER SHALL BE THE SOLE INTERPRETER OF THE DRAWINGS INCLUDED HEREIN.
4. ALL MATERIALS SHALL BE NEW, USA MANUFACTURED AND OF BEST QUALITY AND SHALL BE THE PRODUCTS OF REPUTABLE MANUFACTURERS. MATERIALS AND EQUIPMENT SHALL BE PROPERLY STORED AND PROTECTED FROM THE WEATHER AT ALL TIMES DURING CONSTRUCTION TO PREVENT UNNECESSARY CORROSION AND FOULING. ALL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER BY SKILLED CONTRACTOR AND COMPETENT PLUMBERS. ANY WORKER CONSIDERED INCOMPETENT OR UNFIT FOR WORK ON THIS CONSTRUCTION PROJECT SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR UNDER THE DIRECTION OF THE ENGINEER.

5. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE SYSTEM OF SANITARY WASTE AND VENT PIPING COMPLYING WITH ALL APPLICABLE CODES, REGULATIONS, ORDINANCES, ETC., WHETHER FEDERAL, STATE, OR LOCAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ANY PERMITS AND PAYING ANY FEES REQUIRED IN ORDER TO PROCEED WITH THE WORK.

6. THE CONTRACTOR IS REQUIRED TO ATTEND ALL CONSTRUCTION CONFERENCES INCLUDING A PRE-BID CONFERENCE(IF SCHEDULED), AND THE OWNER'S PROGRESS MEETINGS AS SCHEDULED BY THE OWNER. FAILURE TO MAKE REFERENCES IN THE SPECIFICATIONS TO ANY ITEMS OF THE WORK SHOWN BY THE DRAWINGS, AND NECESSARY TO THE COMPLETION OF THE WORK SHALL NOT RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY TO FURNISH THE MATERIALS AND PERFORM THE WORK OF SUCH ITEMS, IN A MANNER COMPARABLE TO OTHER ITEMS OF SIMILAR NATURE FOR WHICH DETAILED SPECIFICATIONS ARE INCLUDED. DRAWINGS AND SPECIFICATIONS ARE INTENDED TO CLEARLY SET FORTH ALL WORK, AND THE DETAILED DESCRIPTION IS ADDED TO ASSIST IN ESTABLISHING THE SCOPE AND THE LOCATION OF THE SEVERAL PARTS OF THE WORK. COLLECTIVELY, THEY SHALL GOVERN AND CONTROL THE SCOPE, CHARACTER AND DESIGN OF THE WORK, AND ANY ITEM CALLED FOR IN ANY ONE OF THE DOCUMENTS SHALL BE AS THOUGH REQUIRED IN ALL.

7. WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, SCAFFOLDING, SERVICES, SUPERVISION, PLANT, AND PERFORMING ALL OPERATIONS REQUIRED TO PROPERLY COMPLETE ALL WORK IN ACCORDANCE WITH THESE SPECIFICATIONS AND AS INDICATED ON THE APPLICABLE DRAWINGS, SUBJECT TO TERMS AND CONDITIONS OF THE CONTRACT. THE CONTRACTOR IS REQUIRED TO HAVE A QUALIFIED AND EXPERIENCED GENERAL SUPERINTENDENT AND EXPERIENCED SUPERINTENDENT FOR EACH TRADE INVOLVED ON THE JOB WHEN ANY WORK IS IN PROGRESS. ALL WORK SHALL CONFORM WITH ALL LOCAL AND STATE ORDINANCES OR REGULATIONS GOVERNING THE INSTALLATION OF SUCH EQUIPMENT. IF WORK, AS LAID OUT, INDICATED OR SPECIFIED IS RECOGNIZED TO BE CONTRARY TO OR CONFLICTING WITH LOCAL ORDINANCES OR REGULATIONS, THE CONTRACTOR SHALL REPORT SAME TO THE ARCHITECT BEFORE SUBMITTING A BID. THE ARCHITECT WILL THEN ISSUE INSTRUCTIONS AS TO PROCEDURE. IF CONTRACTOR FAILS TO NOTIFY THE ARCHITECT OF CONFLICTS OR OMISSIONS NOTED ABOVE, ALL CHANGES REQUIRED TO COMPLY WITH ORDINANCES AND REGULATIONS SHALL BE MADE WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

8. THE LATEST EDITIONS OF THE ESTABLISHED STANDARDS OF THE FOLLOWING ORGANIZATIONS, AND INDIVIDUAL STANDARDS NAMED SHALL BE FOLLOWED THE SAME AS IF THEY WERE FULLY WRITTEN HEREIN AND CONSTITUTE A PART OF THE SPECIFICATION REQUIREMENTS EXCEPT WHERE OTHERWISE SPECIFIED:

1. FLORIDA BUILDING CODE, 2023 (8TH EDITION)
2. FLORIDA PLUMBING CODE, 2023 (8TH EDITION)
3. FLORIDA MECHANICAL CODE, 2023 (8TH EDITION)
4. NFPA 70, NATIONAL ELECTRICAL CODE
5. NFPA 101, LIFE SAFETY CODE
6. ALL OSHA REGULATIONS.
7. STATE OF FLORIDA STANDARDS
9. THE SUBMISSION OF A BID OR PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF/HERSELF WITH THE PLANS, SPECIFICATIONS AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND/OR LABOR DUE TO DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED, UNLESS DIFFICULTIES COULD NOT HAVE BEEN FORESEEN EVEN THOUGH PROPER EXAMINATION HAD BEEN MADE.
10. ALL POWER WIRING, RELAYS, PANELS, TRANSFORMERS, DISCONNECT SWITCHES WHICH MAY BE REQUIRED FOR ANY PLUMBING EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL CONTROL WIRING, RELAYS, AND PANELS REQUIRED FOR ANY EQUIPMENT FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR AND PROVIDED BY UNDER THE PLUMBING SECTION. ALL MOTOR STARTERS REQUIRED FOR MOTORS INCLUDED FOR PLUMBING EQUIPMENT SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR WITH THE REQUIRED EQUIPMENT. ALL STARTERS SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR.
11. ALL FEES, PERMITS, TAPS, LICENSE, INSURANCE, AND BONDS SHALL BE PAID BY THIS CONTRACTOR FOR ALL RELATED WORK.
12. ALL CUTTING AND PATCHING SHALL BE DONE BY WORKMEN SKILLED IN THE TRADES INVOLVED. ALL CUTTING SHALL BE DONE IN SUCH A MANNER AS NOT TO ENDANGER OR DAMAGE FACILITIES. ALL PATCHING SHALL FINISH FLUSH AND SMOOTH AND SHALL MATCH EXISTING ADJOINING SURFACES.
13. ALL WORK AND MATERIALS SHALL BE WARRANTED (PARTS AND LABOR) FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER.

PIPING

1. ALL PIPE SIZES SHOWN ARE AMERICAN STANDARD NOMINAL PIPE DIMENSIONS.
2. ALL SANITARY WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC DWV PIPING.
3. DOMESTIC HOT WATER AND COLD WATER PIPING SHALL BE TYPE L COPPER WATER PIPE ABOVE GRADE AND TYPE K COPPER BELOW GRADE. FITTINGS SHALL BE WET COPPER SOLDER JOINT FITTINGS. ALL COPPER FITTINGS UNDERGROUND SHALL BE SILVER SOLDERED WITH 15 PER CENT SILVER SOLDER.
4. UNDERGROUND DOMESTIC WATER SERVICE PIPING SHALL BE CLASS 200 RING RITE PRESSURE PIPING - SCHEDULE 40 MINIMUM.
5. PIPE ROUTING SHOWN IS SCHEMATIC AND IS NOT INTENDED TO INDICATE EXACT LOCATION OF ALL PIPING FITTINGS AND OFFSETS REQUIRED. THE CONTRACTOR SHALL PROVIDE ALL ADDITIONAL OFFSETS AND FITTINGS FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES AROUND EQUIPMENT. THE CONTRACTOR SHALL VERIFY ALL STRUCTURAL, MECHANICAL, ELECTRICAL INSTALLATIONS AND OBSTRUCTIONS AND ROUTE PIPING TO AVOID ANY INTERFERENCES.
6. SLEEVE AND FIRE STOP ALL PENETRATIONS OF RATED WALLS, CEILINGS, FLOORS, ETC., INCLUDING ROOF. FLASH AND COUNTERFLASH ROOF PENETRATIONS.
7. ALL SANITARY WASTE LINES SHALL BE INSTALLED AS SHOWN OR AS OTHERWISE NOTED OR DIRECTED BY THE OWNER. SANITARY WASTE PIPING AND WATER LINES MAY ENTER THE STRUCTURE FROM DIRECTIONS THAT DIFFER FROM THE DRAWINGS. MAKE ALL NECESSARY CHANGES AS DIRECTED BY THE OWNER.
8. SEE SANITARY WASTE AND VENT RISER SCHEMATIC DIAGRAMS FOR WASTE AND VENT PIPE SIZING.
9. SEE WATER RISER SCHEMATIC DIAGRAMS FOR WATER PIPING SIZING.

10. INSTALL ALL PIPING HIGH AS POSSIBLE, WITHIN WALLS OR IN CHASES, EXCEPT AS SPECIFICALLY NOTED. PATCH ALL EXISTING SURFACES DISTURBED TO MATCH ADJACENT SURFACES. WORK TO BE DONE ONLY BY WORKMAN SKILLED IN THE TRADE INVOLVED AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

11. ALL CONCEALED PIPING IN CHASE AREAS SHALL BE SUPPORTED WITH A PIPING SUPPORT SYSTEM, SUMMER POSIXIF, STAXIFIX AND CHANNEL OR APPROVED EQUAL.

12. PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL WHEN REQUIRED BY CODE AN AIR GAP SERVING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES OR APPARATUS.

13. ALL VALVES SHALL BE TAGGED WITH BRONZE VALVE TAGS PERMANENTLY AFFIXED TO EACH VALVE. TAG WITH OWNERS TAGGING SYSTEM AND NUMBER.

14. FLOOR DRAIN TRAPS SHALL BE DEEP SEAL (MIN. 4"). FURNISH AND INSTALL TRAP PRIMERS WHERE SPECIFIED.
15. MOUNT HOSE BIBBS 36" ABOVE FINISHED GRADE, UNLESS OTHERWISE NOTED.

16. PLUMBING CONTRACTOR TO PROVIDE ALL SANITARY WASTE, VENT AND, DOMESTIC WATER PIPING ROUGH-IN AND MAKE FINAL CONNECTIONS (INCLUDING SUPPLYING AND INSTALLING ALL NECESSARY RELATED STOPS, VALVES, TRAPS, ETC., AND MAKING READY FOR USE) TO ALL EQUIPMENT WHETHER FURNISHED BY THIS CONTRACTOR OR FURNISHED BY OTHERS.
17. ALL CONCEALED VALVES, WATER HAMMER ARRESTORS, CLEANOUTS, ETC., CONCEALED IN WALLS SHALL BE PROVIDED WITH AN ACCESS PANEL. ALL CONCEALED ITEMS ABOVE "HARD" CEILINGS SHALL BE PROVIDED WITH ACCESS PANELS (FIRE RATED FOR ALL RATED CEILINGS). ALSO, SEE SPECIFICATIONS.

15. SEAL FIXTURES TO WALLS, FLOORS, AND COUNTERS USING A SANITARY-TYPE, ONE-PART, MILDEW-RESISTANT, SILICONE SEALANT IN ACCORDANCE WITH SEALING REQUIREMENTS SPECIFIED IN ARCHITECTURAL SECTION "JOINT SEALERS." MATCH SEALANT COLOR TO FIXTURE COLOR.

16. INSPECT EACH INSTALLED FIXTURE FOR DAMAGE. REPLACE DAMAGED FIXTURES AND COMPONENTS.

17. TEST FIXTURES TO DEMONSTRATE PROPER OPERATION UPON COMPLETION OF INSTALLATION AND AFTER UNITS ARE WATER PRESSURIZED. REPLACE MALFUNCTIONING FIXTURES AND COMPONENTS, THEN RETEST. REPEAT PROCEDURE UNTIL ALL UNITS OPERATE PROPERLY.
18. OPERATE AND ADJUST FAUCETS AND CONTROLS. REPLACE DAMAGED AND MALFUNCTIONING FIXTURES, FITTINGS, AND CONTROLS.

19. ADJUST WATER PRESSURE AT DRINKING FOUNTAINS, ELECTRIC WATER COOLERS, AND FAUCETS, SHOWER VALVES, AND FLUSHMETERS HAVING CONTROLS, TO PROVIDE PROPER FLOW AND STREAM.
20. REPLACE WASHERS OF LEAKING AND DRIPPING FAUCETS AND STOPS.

21. CLEAN FIXTURES, FITTINGS, AND SPOUT AND DRAIN STRAINERS THROUGH EXTERIOR WALLS WITH SLEEVES AND MECHANICAL SLEEVE SEALS. PIPE SLEEVES SMALLER THAN 6 INCHES SHALL BE GALVANIZED STEEL PIPE; PIPE SLEEVES 6 INCHES AND LARGER SHALL BE GALVANIZED STEEL SHEET METAL.
22. INSTALL DRAINS AT LOW POINTS IN MAINS, RISERS, AND BRANCH LINES CONSISTING OF A TEE FITTING, 3/4 INCH BALL VALVE, AND SHORT 3/4 INCH THREADED NIPPLE AND CAP.

23. EXTERIOR WALL PENETRATIONS: SEAL PIPE PENETRATIONS THROUGH EXTERIOR WALLS WITH SLEEVES AND MECHANICAL SLEEVE SEALS. PIPE SLEEVES SMALLER THAN 6 INCHES SHALL BE GALVANIZED STEEL PIPE; PIPE SLEEVES 6 INCHES AND LARGER SHALL BE GALVANIZED STEEL SHEET METAL.
24. FIRE BARRIER PENETRATIONS: WHERE PIPES PASS THOUGH FIRE RATED WALLS, PARTITIONS, CEILINGS, AND FLOORS, MAINTAIN THE FIRE RATED INTEGRITY. REFER TO ARCHITECTURAL FOR RATED BARRIERS SPECIAL SEALERS AND MATERIALS.

- NOTE: BUILDING STRUCTURE IS PROTECTED BY RATED BARRIER. ALL PIPE SUPPORTS PENETRATING BARRIER MUST BE FIRE SEALED. COORDINATE WORK WITH OTHER DISCIPLINES.

25. ALL SANITARY WASTE PIPING SHALL BE INSTALLED WITH SINGLE SANITARY TEE'S OR WYES. NO DOUBLE WYES OR SANITARY CROSSES ARE TO BE USED.

26. CONTRACTOR SHALL CAMERA ALL UNDERGROUND SANITARY WASTE PIPING BEFORE INSTALLATION. PROVIDE SMOKE TEST OF ENTIRE DRAINAGE WASTE AND VENT SYSTEM. OWNER TO WITNESS ALL TESTING. PROVIDE A SEVEN DAY NOTICE PRIOR TO TESTING.

SANITARY WASTE AND VENT

1. USE FITTINGS FOR ALL CHANGES IN DIRECTION AND ALL BRANCH CONNECTIONS.

2. INSTALL EXPOSED PIPING AT RIGHT ANGLES OR PARALLEL TO BUILDING WALLS. DIAGONAL RUNS ARE NOT PERMITTED, UNLESS EXPRESSLY INDICATED.

3. INSTALL PIPING FREE OF SAGS OR BENDS AND WITH AMPLE SPACE BETWEEN PIPING TO PERMIT PROPER INSULATION APPLICATIONS.

4. CONCEAL ALL PIPE INSTALLATIONS IN WALLS, PIPE CHASES, UTILITY SPACES, ABOVE CEILINGS, BELOW GRADE OR FLOORS, UNLESS INDICATED TO BE EXPOSED TO VIEW.

5. INSTALL PIPING TIGHT TO SLABS, BEAMS, JOISTS, COLUMNS, WALLS, AND OTHER PERMANENT ELEMENTS OF THE BUILDING. ALLOW SUFFICIENT SPACE ABOVE REMOVABLE CEILING PANELS TO ALLOW FOR PANEL REMOVAL.

6. FIRE BARRIER PENETRATIONS: WHERE PIPES PASS THROUGH FIRE RATED WALLS, PARTITIONS, CEILINGS, AND FLOORS, MAINTAIN THE FIRE RATED INTEGRITY.

7. MAKE CHANGES IN DIRECTION FOR DRAINAGE AND VENT PIPING USING APPROPRIATE 45 DEGREE WYES, HALF WYES, OR LONG SWEEP QUARTER, SIXTH, EIGHTH, OR SIXTEENTH BENDS. SANITARY TEE'S OR SHORT QUARTER BENDS MAY BE USED ON VERTICAL STACKS OF DRAINAGE LINES WHERE THE CHANGE IN DIRECTION OF FLOW IS FROM HORIZONTAL TO VERTICAL, EXCEPT USE LONG TURN TEES WHERE TWO FIXTURES ARE INSTALLED BACK TO BACK AND HAVE A COMMON DRAIN. STRAIGHT TEES, ELBOWS, AND CROSSES MAY BE USED ON VENT LINES. NO CHANGE IN DIRECTION OF FLOW GREATER THAN 90 DEGREES SHALL BE MADE. WHERE DIFFERENT SIZES OF DRAINAGE PIPES AND FITTINGS ARE CONNECTED, USE PROPER SIZE, STANDARD INCREASERS AND REDUCERS. REDUCTION OF THE SIZE OF DRAINAGE PIPING IN THE DIRECTION OF FLOW IS PROHIBITED.

8. INSTALL BUILDING DRAIN PITCHED DOWN AT MINIMUM SLOPE OF 1/4 INCH PER FOOT (2 PERCENT) FOR PIPING 3 INCH AND SMALLER, AND 1/8 INCH PER FOOT (1 PERCENT) FOR PIPING 4 INCH AND LARGER.

9. ABOVE GROUND CLEANOUTS: INSTALL IN ABOVE GROUND PIPING AND BUILDING DRAIN PIPES AS INDICATED, AND AS REQUIRED BY PLUMBING CODE. AT EACH CHANGE IN DIRECTION OF PIPING GREATER THAN 45 DEGREES; AT MINIMUM INTERVALS OF 50' FOR PIPING 4" AND SMALLER AND 100' FOR LARGER PIPING, AT BASE OF EACH VERTICAL SOIL OR WASTE STACK. CLEANOUTS COVERS: INSTALL FLOOR AND WALL CLEANOUT COVERS FOR CONCEALED PIPING, TYPES AS INDICATED.

10. INSTALL FLOOR DRAINS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND IN LOCATIONS INDICATED.

11. INSTALL FLOOR DRAINS AT LOW POINTS OF SURFACE AREAS TO BE DRAINED, OR AS INDICATED. SET TOPS OF DRAINS FLUSH WITH FINISHED FLOOR.

12. SET DRAIN ELEVATION BELOW FINISHED SLAB ELEVATION AS LISTED DEPRESS TO PROVIDE PROPER SLOPE TO DRAIN.

13. PIPING RUNOUTS TO FIXTURES: PROVIDE DRAINAGE AND VENT PIPING RUNOUTS TO PLUMBING FIXTURES AND DRAINS, WITH APPROVED TRAP, OR DEVICES INDICATED, BUT IN NO CASE SMALLER THAN REQUIRED BY THE PLUMBING CODE.

14. LOCATE PIPING RUNOUTS AS CLOSE AS POSSIBLE TO BOTTOM OF FLOOR SLAB SUPPORTING FIXTURES OR DRAINS.

15. DO NOT ENCLOSE, OR PUT INTO OPERATION DRAINAGE AND VENT PIPING SYSTEM UNTIL IT HAS BEEN INSPECTED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.

16. DURING THE PROGRESS OF THE INSTALLATION, NOTIFY THE PLUMBING OFFICIAL HAVING JURISDICTION, AT LEAST 24 HOURS PRIOR TO THE TIME SUCH INSPECTION MUST BE MADE. PERFORM TESTS SPECIFIED BELOW IN THE PRESENCE OF THE PLUMBING OFFICIAL.

17. ROUGH IN INSPECTION: ARRANGE FOR INSPECTION OF THE PIPING SYSTEM BEFORE CONCEALED OR CLOSED-IN AFTER SYSTEM IS ROUGHED IN, AND PRIOR TO SETTING FIXTURES.

18. FINAL INSPECTION: ARRANGE FOR A FINAL INSPECTION BY THE PLUMBING OFFICIAL TO OBSERVE THE TESTS SPECIFIED BELOW AND TO INSURE COMPLIANCE WITH THE REQUIREMENTS OF THE PLUMBING CODE.

19. REINSPECTIONS: WHENEVER THE PIPING SYSTEM FAILS TO PASS THE TEST OR INSPECTION, MAKE THE REQUIRED CORRECTIONS, AND ARRANGE FOR REINSPECTED BY THE PLUMBING OFFICIAL.

20. REPORTS: PREPARE INSPECTION REPORTS, SIGNED BY THE PLUMBING OFFICIAL.

21. PIPING SYSTEM TEST TEST DRAINAGE AND VENT SYSTEM IN ACCORDANCE WITH THE PROCEDURES OF THE AUTHORITY HAVING JURISDICTION, OR IN THE ABSENCE OF A PUBLISHED PROCEDURE, AS FOLLOWS:

22. TEST FOR LEAKS AND DEFECTS ALL NEW DRAINAGE AND VENT PIPING SYSTEMS AND PARTS OF EXISTING SYSTEMS, WHICH HAVE BEEN ALTERED, EXTENDED OR REPAIRED. IF TESTING IS PERFORMED IN SEGMENTS, SUBMIT A SEPARATE REPORT FOR EACH TEST, COMPLETE WITH A DIAGRAM OF THE PORTION OF THE SYSTEM TESTED.

23. LEAVE UNCONCEALED ALL NEW, ALTERED, EXTENDED, OR REPLACED DRAINAGE AND VENT PIPING UNTIL IT HAS BEEN TESTED AND APPROVED. EXPOSE ALL SUCH WORK FOR TESTING, THAT HAS BEEN COVERED OR CONCEALED BEFORE IT HAS BEEN TESTED AND APPROVED.

24. ROUGH PLUMBING TEST PROCEDURE: EXCEPT FOR OUTSIDE LEADERS AND PERFORATED OR OPEN JOINTED DRAIN TILE, TEST THE PIPING OF PLUMBING DRAINAGE AND VENTING SYSTEMS UPON COMPLETION OF THE ROUGH PIPING INSTALLATION. TIGHTLY CLOSE ALL OPENINGS IN THE PIPING SYSTEM, AND FILL WITH WATER TO THE POINT OF OVERFLOW, BUT NOT LESS THAN 10 FEET HEAD OF WATER. WATER LEVEL SHALL NOT DROP DURING THE PERIOD FROM 15 MINUTES BEFORE THE INSPECTION STARTS, THROUGH COMPLETION OF THE INSPECTION. INSPECT ALL JOINTS FOR LEAKS.

25. FINISHED PLUMBING TEST PROCEDURE: AFTER THE PLUMBING FIXTURES HAVE BEEN SET AND THEIR TRAPS FILLED WITH WATER, THEIR CONNECTIONS SHALL BE TESTED AND PROVED GAS AND WATERTIGHT.
26. REPAIR ALL LEAKS AND DEFECTS USING NEW MATERIALS AND RETEST SYSTEM OR PORTION THEREOF UNTIL SATISFACTORY RESULTS ARE OBTAINED.

27. PREPARE REPORTS FOR ALL TESTS AND REQUIRED CORRECTIVE ACTION.

28. CLEAN INTERIOR OF PIPING SYSTEM. REMOVE DIRT AND DEBRIS AS WORK PROGRESSES.

29. CLEAN DRAIN STRAINERS, DOMES, AND TRAPS. REMOVE DIRT AND DEBRIS.

30. PROTECT DRAINS DURING REMAINDER OF CONSTRUCTION PERIOD, TO AVOID CLOGGING WITH DIRT AND DEBRIS, AND TO PREVENT DAMAGE FROM TRAFFIC AND CONSTRUCTION WORK.

31. PLACE PLUGS IN ENDS OF UNCOMPLETED PIPING AT END OF DAY OR WHENEVER WORK STOPS.

PLUMBING SYMBOLS	
	COLD WATER PIPING
	HOT WATER PIPING
	SANITARY WASTE PIPING
	SANITARY VENT PIPING
	HOT WATER RETURN PIPING
	GATE VALVE
	BALL VALVE
	CHECK VALVE (SWING)
	CAP
	CONNECTION, TOP
	CONNECTION, BOTTOM
	TEE, TURNED DOWN
	TEE, TURNED UP
	ELBOW, 90°
	ELBOW, 45°
	ELBOW, TURNED DOWN
	ELBOW, TURNED UP
	REDUCER, CONCENTRIC
	POINT OF CONNECTION TO EXISTING
ABBREVIATIONS	
AP	HINGED ACCESS PANEL- FINISHED W/WALL
AFF	ABOVE FINISHED FLOOR
BL	BELOW FLOOR
BV	BALL VALVE
CO	CLEANOUT
CONT	CONTINUATION
CW	DOMESTIC COLD WATER
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING
ELEV	ELEVATION
EXIST	EXISTING
F	DEGREE FAHRENHEIT
FD	FLOOR DRAIN
FO	FLOOR CLEANOUT
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HD	HUB DRAIN
HW	DOMESTIC HOT WATER
IE	INVERT ELEVATION
KW	KILOWATT
LAV	LAVATORY
LBS	POUNDS
NO	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
PSI	PRESSURE PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
RD	ROOF DRAIN
SA	SHOCK ARRESTOR
SAN	SANITARY DRAIN (EXISTING)
SF	SQUARE FEET
SH	SHEET
SH/ST	STAINLESS STEEL
TM	WATER TEMPERATURE MIXING VALVE
UR	URINAL
V	VENT
VEL	VELOCITY
WASTE	SANITARY DRAIN TO BE PROVIDED (NEW)
WB	PVC WALL BOX WITH 3/8" ANGLE STOP
WC	WATER CLOSET
WEO	WALL CLEANOUT
WTR	WATER

PLUMBING FIXTURE SCHEDULE					
SYMBOL	FIXTURE TYPE	RUN-OUT SIZES			DESCRIPTION
		WASTE	CW	HW	
	P-1 WATER CLOSET	3"	1"	-	KOHLER K-3979 VITREOUS CHINA WATER CLOSET, ELONGATED BOWL, FLOOR MOUNTED, TANK TYPE, 12" ROUGH-IN, WHITE CHINA FINISH, CHROME BOLT CAPS, SIPHON JET ACTION, STANDARD GRANTY FLUSH, BEAMS 1955C SOLID PLASTIC OPEN FRONT SEAT, 1.6 GPF, MAX SEAL, 4" CLOSET BEND. INSTALL AT ADA COMPLIANCE.
	P-2 LAVATORY	1 1/4"	3/4"	3/4"	KOHLER K-2861 WALL MOUNTED LAVATORY, 4" FAUCET CENTERS, ZURN Z8104-XL FAUCET WITH AERATOR AND WRIST HANDLES, PROFLOW CAST BRASS STRAINER, KEENEY 17 GAUGE CAST BRASS P-TRAP, WITH CLEANOUT, 1/2" x 3/4" ANGLE STOPS(KEY TYPE) AND SUPPLY RISERS (CHROME), INSULATE SUPPLIES AND DRAIN WITH WHITE PVC JACKET. WALL SUPPORT BRACKETS.
	P-3 SINGLE BOWL SINK	1 1/4"	3/4"	3/4"	ELKAY DLR312212 304 STAINLESS STEEL SINK, 31"x22"x12" DEEP, SINGLE HOLE, ELKAY LK02223C FAUCET, PROFLOW CAST BRASS STRAINER, KEENEY 17 GAUGE CAST BRASS P-TRAP, ANGLE STOPS AND RISER SUPPLIES (CHROME).
	P-4 KITCHEN SINK	1 1/4"	3/4"	3/4"	ELKAY LGR4322C 304 STAINLESS STEEL SINK, 43"x22"x10" DEEP, 3" FAUCET HOLES, LK3001CR FAUCET WITH WRIST HANDLES AND SPRAY, PROFLOW CAST BRASS STRAINER, KEENEY 17 GAUGE CAST BRASS P-TRAP, ANGLE STOPS AND RISER SUPPLIES (CHROME).
	P-5 SERVICE SINK	3"	3/4"	3/4"	WILLIAMS CORNARO 12" MOP SERVICE BASIN, 24"x 24"x 12" PRECAST TERRAZZO WITH STAINLESS STEEL CAPS ON ALL CURBS, T&G BRASS B-0665-BSTR WALL FAUCET WITH SUPPORT.
	P-6 SHOWER UNIT ADA COMPLIANCE SEE ARCHITECTURAL	2"	3/4"	3/4"	SHOWER UNIT SPECIFIED IN ARCHITECTURAL SECTION. INSTALL FLOOR DRAIN WITH TRAP-COORDINATE WITH SHOWER UNIT. FURNISH AND INSTALL DELTA CLASSIC MONITOR T13222 PRESSURE BALANCE MIXING VALVE SYSTEM WITH BALL JOINT ADJUSTABLE SHOWER HEAD. ALL CHROME FINISH.
	P-7 ELECTRIC WATER COOLER ADA COMPLIANCE	1-1/4"	1/2"	-	ELKAY LZWS-LRPBW2BK B-ELEVEL WATER COOLER WITH BOTTLE FILLER, BARRIER FREE UNIT, STAINLESS STEEL, MCGUIRE 17 GAUGE 1/4" P-TRAP(S), MCGUIRE LFS09X 3/4" x 3/4" ANGLE STOP(NO KEYLESS STOPS), NO TAMPER-PROOF SCREWS. 370 WATTS 120V
	FD FLOOR DRAIN	3"	-	-	ZURN Z-400 TYPE" EXTENDED RIM FLOOR DRAIN, CAST IRON BODY, 9" BRONZE STRAINER. WITH TRAP GUARD. NO TRAP PRIMER.
	ET EXPANSION TANK	-	-	-	B&G HFT-30
	BV BALL VALVE	-	-	-	APOLLO, BRONZE TWO-PIECE BALL VALVE, STAINLESS STEEL BALL, LEAD FREE, FULL PORT, PIPE SEATS, SREWED ENDS
	CV CHECK VALVE	-	3/4"	-	APOLLO, BRONZE LIFT CHECK VALVE, STAINLESS STEEL TRIM, LEAD FREE, FULL PORT, PIPE SEATS, SREWED ENDS, 163-LF
	FV BALANONG VALVE	-	3/4"	-	KEMPER MULTI-THERM, BRONZE THERMOSTATIC BALANCING VALVE, STAINLESS STEEL TRIM, LEAD FREE, FULL PORT, PIPE SEATS, SREWED ENDS
	HB-1 HOSE BIBB	-	3/4"	-	AMERICAN VALVE CO. NO. M71QTS
	HB-2 HOSE BIBB	-	3/4"	-	WOODFORD MODEL 24, CHROME PLATED
	SA SHOCK ARRESTOR	-	3/4"	-	ZURN Z1700-400 WATER HAMMER ARRESTOR
	AD ACCESS DOOR	-	-	-	MIFAB 12"x12" UNIVERSAL TYPE FLUSH MOUNTED, HINGED WITH LOCK AND KEY
	WM WASHING MACHINE SUPPLY / DRAIN	2"	3/4"	3/4"	GUY GRAY MODEL NO. BB-200TS
	FS FLOOR SINK	3"	-	-	ZURN Z1910 FLUSH MOUNTED, Z-1900 HALF GRATE

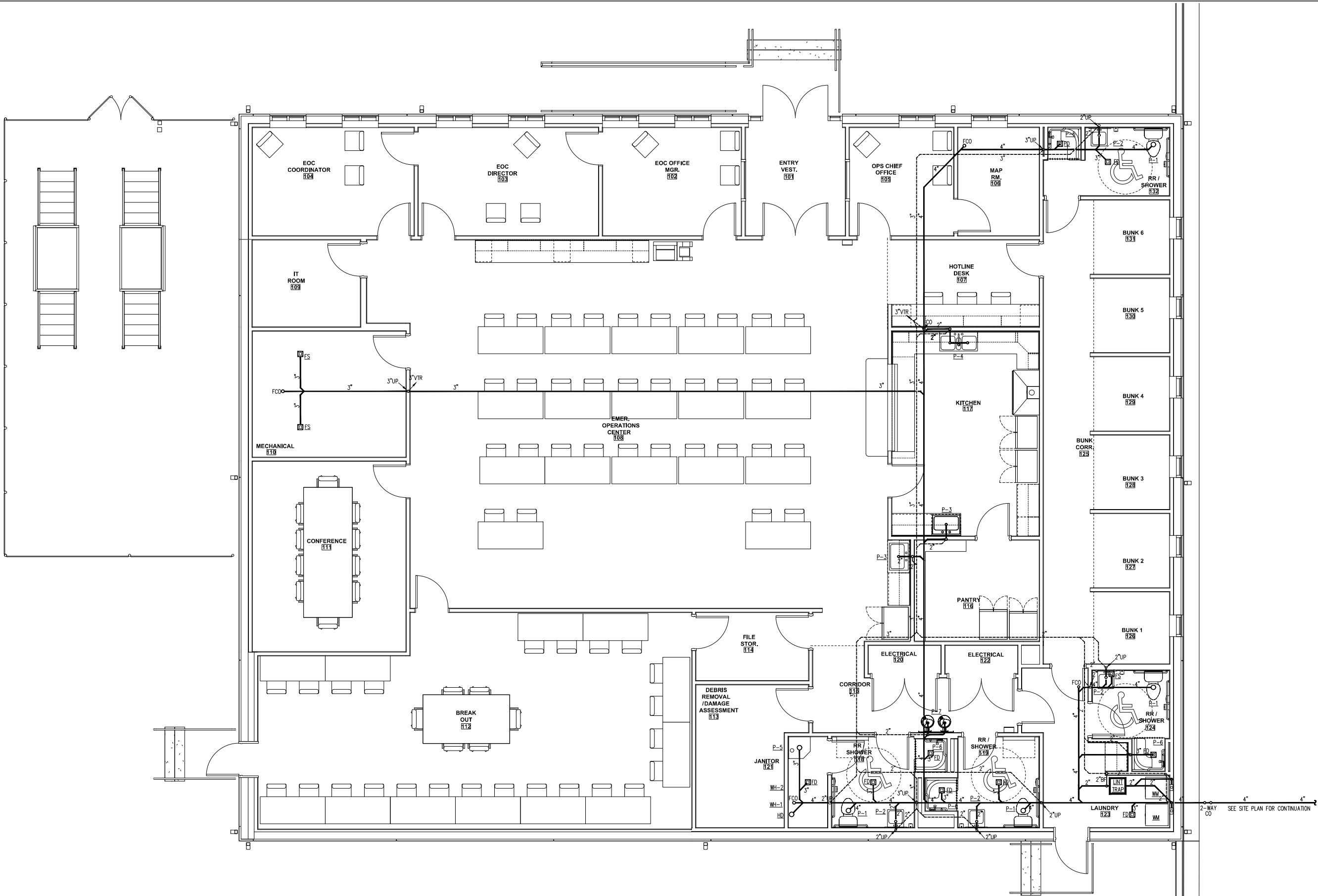
1. ALL FAUCETS, DRAINS, TRIM, AND FIXTURE ACCESSORIES SHALL HAVE A POLISHED CHROME FINISH UNLESS OTHERWISE INDICATED.
2. ALL FIXTURES SHALL BE COMPLETE WITH FAUCETS, DRAINS, P-TRAPS, STOP VALVES, SUPPLY LINES
3. ALL FIXTURES SHALL BE WHITE UNLESS OTHERWISE INDICATED.
4. ALL TOILETS SHALL BE 12" ROUGH-IN, GROUT THE BASE OF ALL WATER CLOSETS.
5. CONTRACTOR SHALL PROVIDE ALL PIPING, VALVES, FITTINGS, ETC. AS NECESSARY FOR COMPLETE AND OPERATIONAL USE OF ALL FIXTURES.
6. ALL PLUMBING PIPES SHALL BE INSULATED WITH 3/4" ARMAFLEX PIPE INSULATION. OUTSIDE PIPING SHALL BE WRAPPED WITH ALUMINUM JACKET.
7. ALL ADA LAVATORY TRIM SHALL BE INSULATED WITH 1/2" ARMAFLEX PIPE INSULATION AND WRAPPED WITH PRE-FORMED PVC JACKET KITS.
8. NO OFFSET OR SPANNER FLANGES TO BE USED ON WATER CLOSETS. NO FERNCO COUPLINGS OR SLIP JOINT 45'S TO BE USED ON SINKS OR LAVATORIES.
9. ALL VALVES ARE PIPE LINE SIZE.
10. ALL FLOOR DRAINS AND FLOOR SINKS TO HAVE TRAP GUARDS.

SHOCK ARRESTOR SCHEDULE

FIXTURE UNITS	1-11	12-32	33-60	61-113
P.D.I. UNITS	A	B		
ZURN	Z-1700-100	Z-1700-200	Z-1700-300	Z-1700-400
WADE	W-5	W-10	W-20	W-50
JOSAM	75001	75002	75003	75004
SMITH	5005	5010	5020	5030



2033 THOMASVILLE ROAD, STE C
TALLAHASSEE, FLORIDA



FLOOR PLAN - PLUMBING
SANITARY WASTE & VENT

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



2632 THOMASVILLE ROAD, STE C
TALLAHASSEE, FLORIDA 32308
850-424-7810 PHONE
ENGINEERING BUSINESS NO. 9793

222-119.01



FRANKLIN COUNTY
E.O.C.

19001 Drawn By: LMS
Project Code Checked By: CHA
17 APRIL 2026

Date
100%
CONSTRUCTION
DOCUMENTS

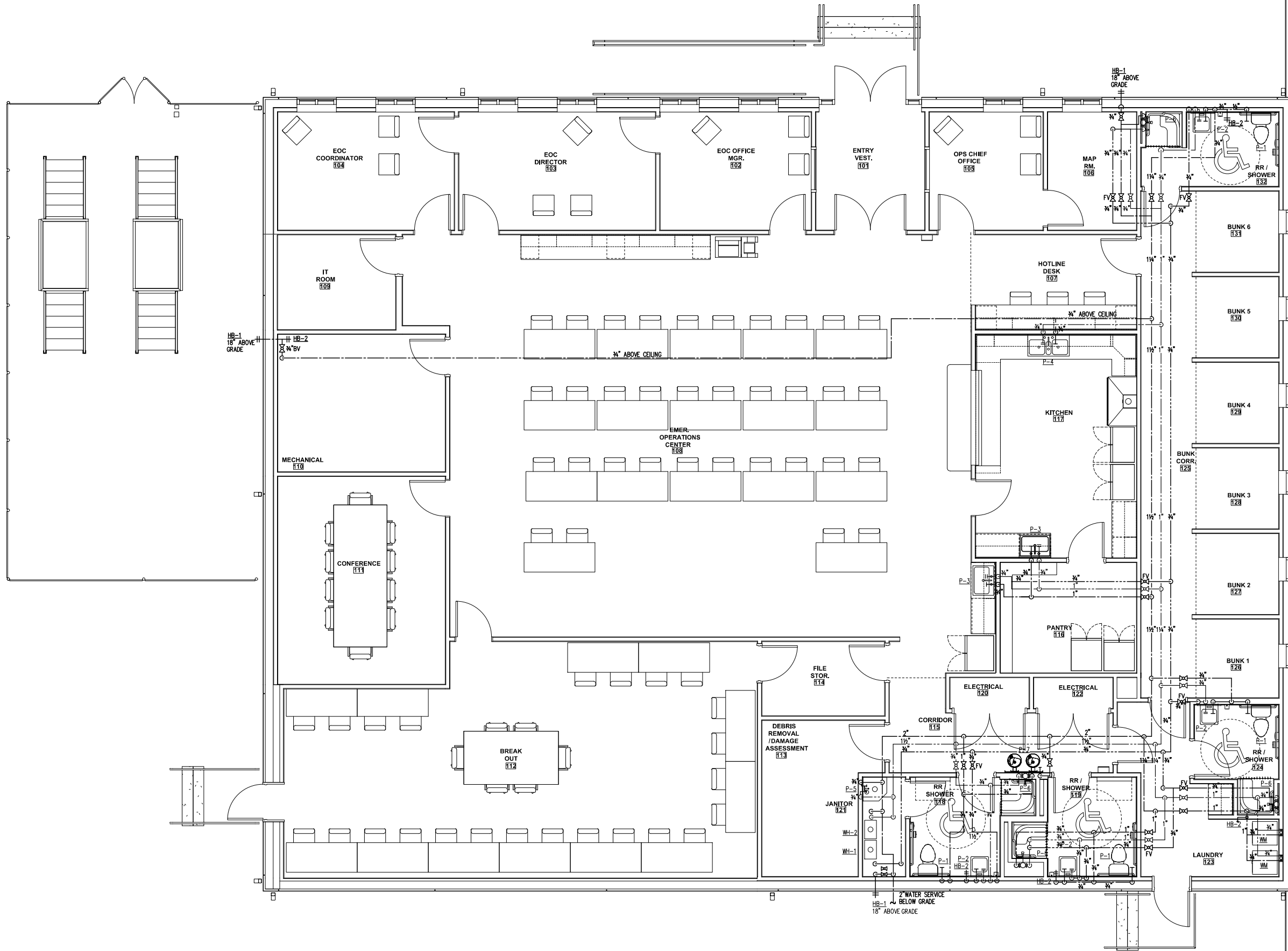
Revisions

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PLUMBING
FLOOR PLAN
SANITARY
WASTE & VENT

Tallahassee Florida

P1.1



FLOOR PLAN - PLUMBING
SERVICE WATER

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



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E.O.C.

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Revisions



PLUMBING
FLOOR PLAN
SERVICE WATER

Tallahassee Florida

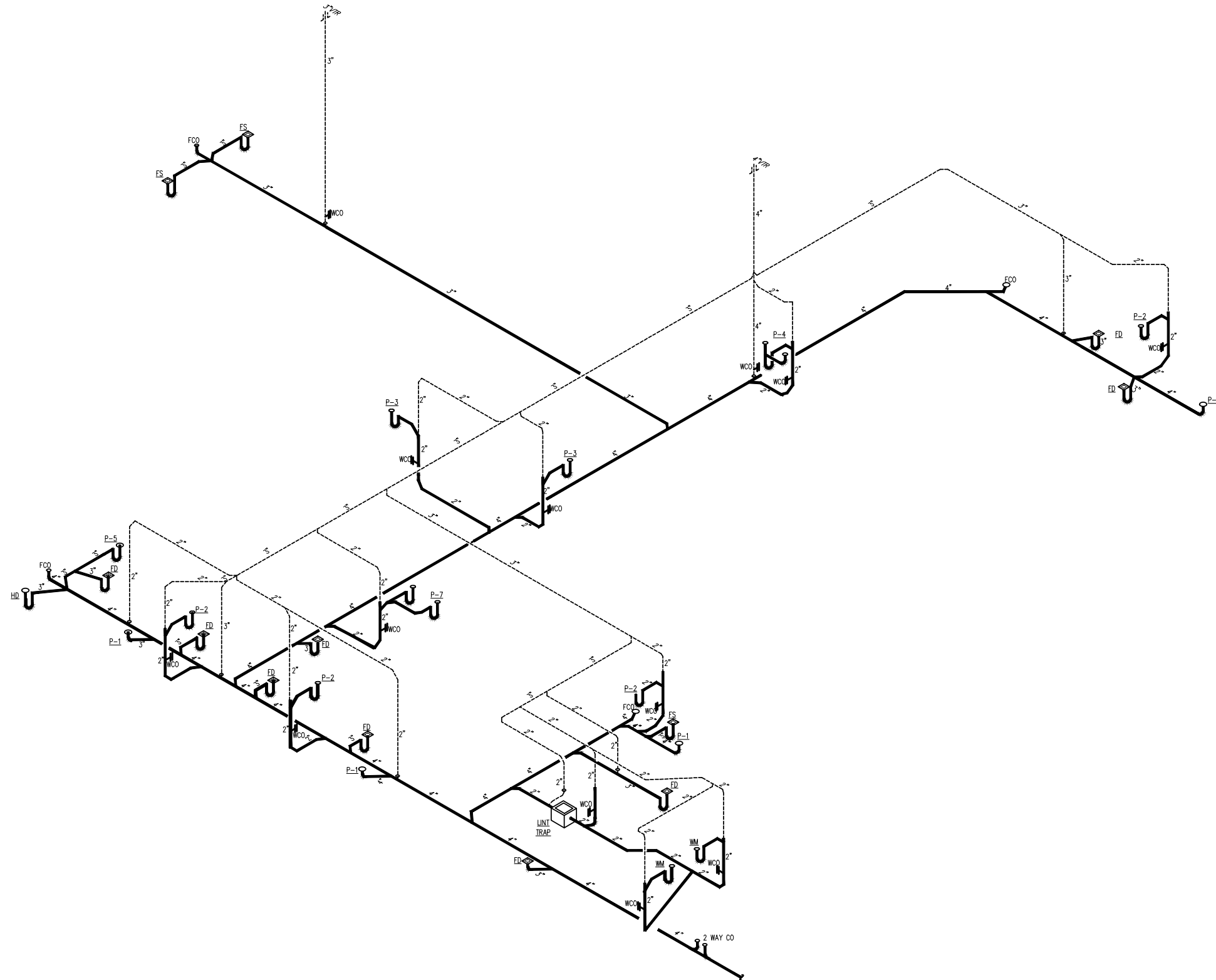
P1.2

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978



2032 THOMASVILLE ROAD, STE C
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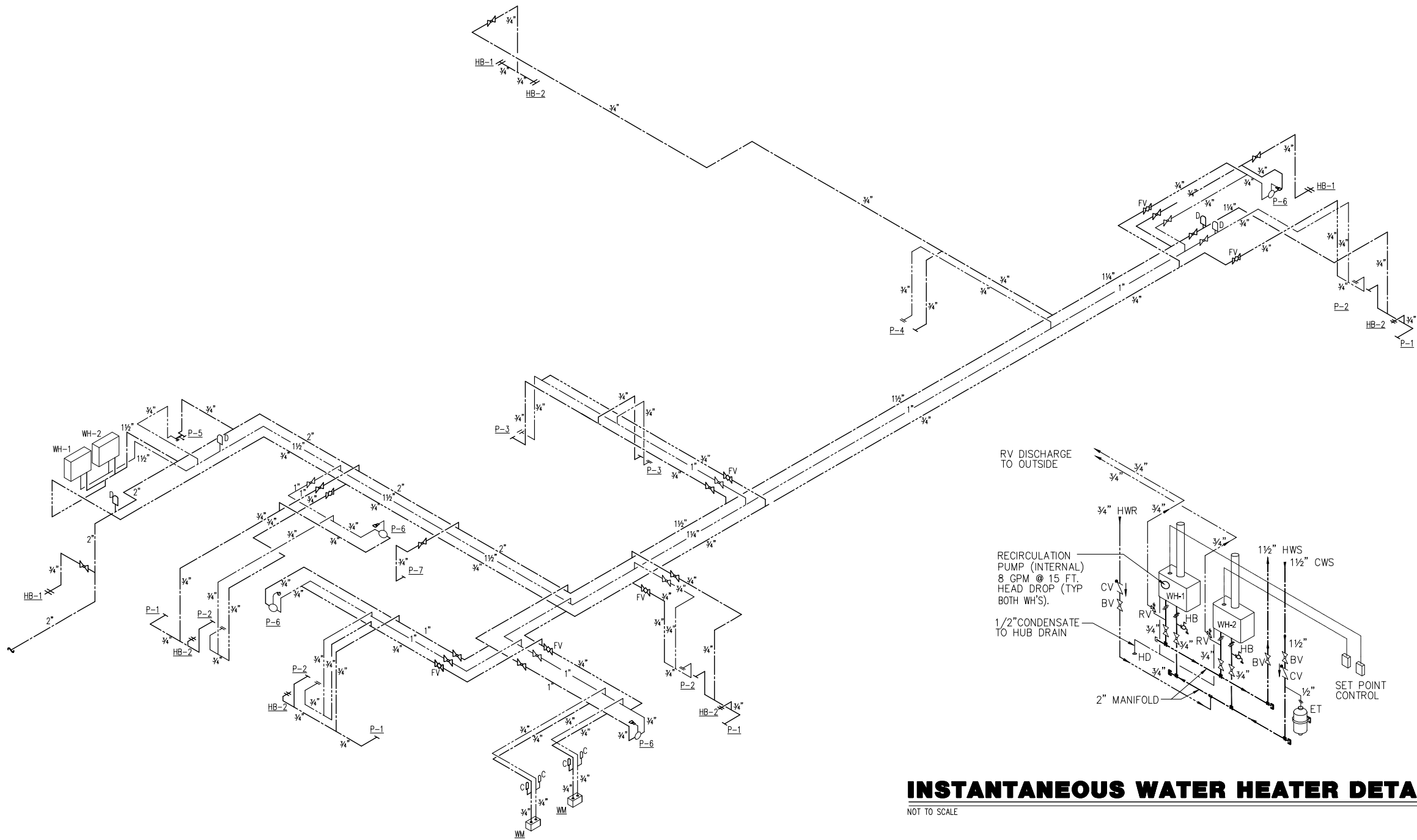
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**RISER DIAGRAM - PLUMBING
SANITARY WASTE & VENT**

NOT TO SCALE





RISER DIAGRAM - PLUMBING
SERVICE WATER

NOT TO SCALE



INSTANTANEOUS WATER HEATER DETAIL

NOT TO SCALE



FRANKLIN COUNTY
E.O.C.

19001 Drawn By: LMS
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17 APRIL 2026

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Revisions

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RISER DIAGRAM
SANITARY
WASTE & VENT

Tallahassee Florida

P2.2

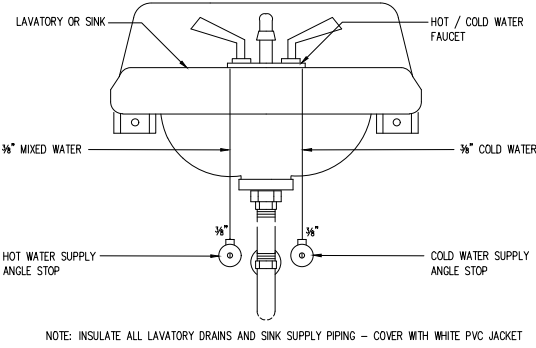
2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978



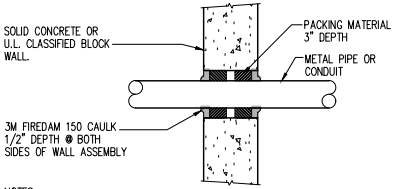
2632 THOMASVILLE ROAD, STE C
TALLAHASSEE, FLORIDA 32308
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ENGINEERING BUSINESS NO. 9793

222-119.01

CLEANOUT SCHEDULE				
CLEANOUT APPLICATION	TYPE	JOSAM	SMITH	WADE
FINISHED CONCRETE FLOOR (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)		56000	4028	W-7040-K
FINISHED WALL (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)		58790-22	4532	W-8460-R
EXPOSED PIPING (CAST IRON BODY, BRONZE PLUG)	HORIZONTAL	58500-22	4400	W-8550-S
TILED AREA (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)	VERTICAL	58510-22	4512	W-8560-D
ROUND SQUARE QUARRY TILE		56000-12	4148	W-7040-T
CARPETED AREA (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)		56020-12	4048	W-7040-S
TERAZZO (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)		56040-1	4108	W-7040-X
DEXOTEX (CAST IRON BODY, BRONZE PLUG, NICKEL BRONZE TOP)		56000-14	4028-Y	W-7040-CM
		56040-1-13	4188	W-7040-U
		58000-30	DX-4343	7040-D

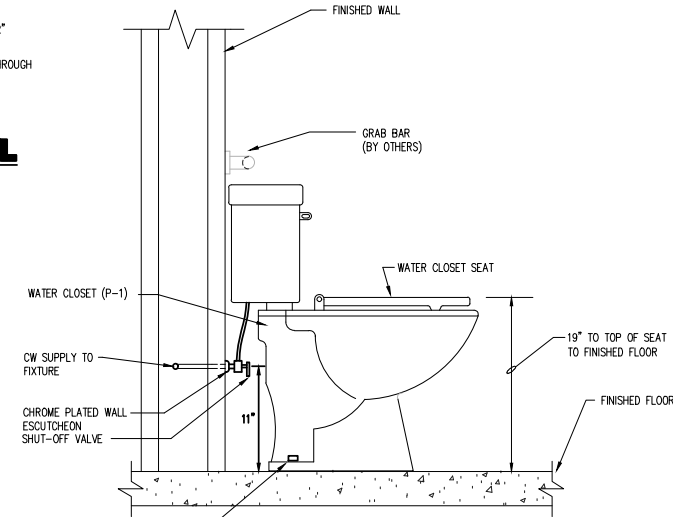


TYPICAL LAVATORY PIPING DETAIL



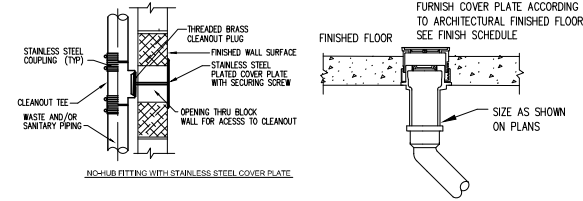
- NOTES:
1. THE MAXIMUM ANNULAR SPACE TO BE FILLED IS 1", THE MINIMUM ANNULAR SPACE IS 1/4".
 2. INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDES OF THE WALL ASSEMBLY.
 3. RECESS A NOMINAL 3" THICKNESS OF 4 PCF. MINERAL WOOL SAFING, 1/2" FROM THE SURFACE OF THE WALL.
 4. FILL THE ANNULAR SPACE AROUND THE PIPE WITH A MINIMUM 1/2" DEPTH OF 3M FIRE DAM 150 CAULK.
 5. APPLY AN ADDITIONAL BEAD OF CAULK AROUND PERIMETER OF THROUGH OPENING LAPPING 1/4" TO 1/2" ONTO THE WALL.

FIRE RATED PIPE PENETRATION DETAIL

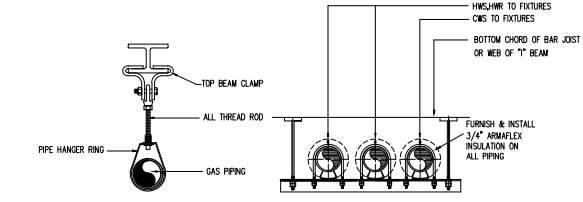


WATER CLOSET DETAIL ADA ACCESSIBLE

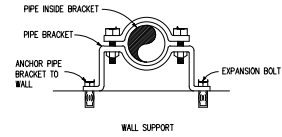
SHOCK ARRESTOR SCHEDULE				
FIXTURE UNITS P.O.I. UNITS	1-11 A	12-32 B	33-60 C	61-113 D
ZURN	Z-1700-100	Z-1700-200	Z-1700-300	Z-1700-400
WADE	W-5	W-10	W-20	W-50
JOSAM	75001	75002	75003	75004
SMITH	5005	5010	5020	5030



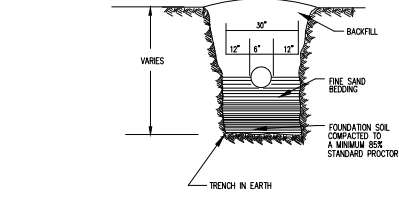
CLEANOUT DETAILS



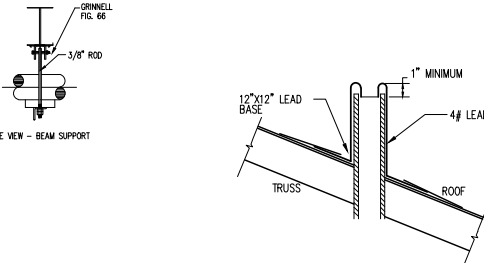
CENTER BEAM CLAMP



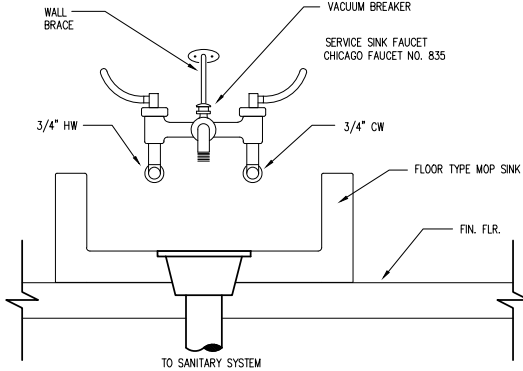
PIPE SUPPORT DETAILS



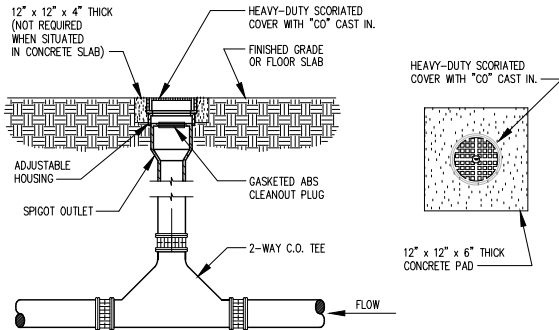
SEWER PIPE BEDDING DETAIL



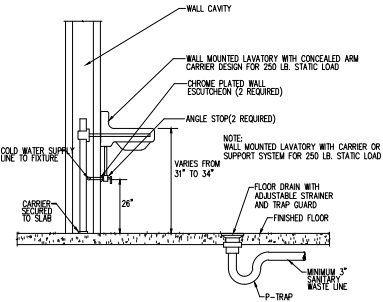
VENT THRU ROOF DETAIL



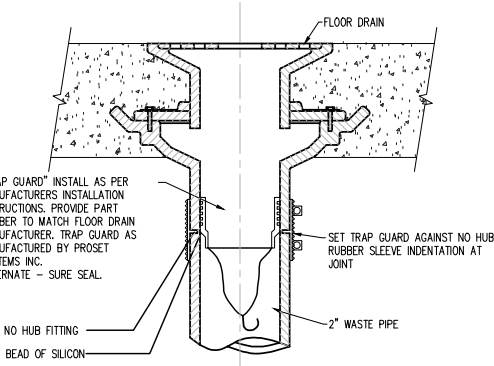
JANITOR'S SINK DETAIL



TWO-WAY CLEANOUT DETAILS



WALL-HUNG LAVATORY DETAIL



TRAP GUARD TRAP SEAL DETAIL

NOTES

BFBS
ARCHITECTS

FRANKLIN COUNTY
E.O.C.

19001 Drawn By: LMS
Project Code Checked By: CHA

17 APRIL 2026

Date

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RISER DIAGRAM
SERVICE WATER

Tallahassee Florida

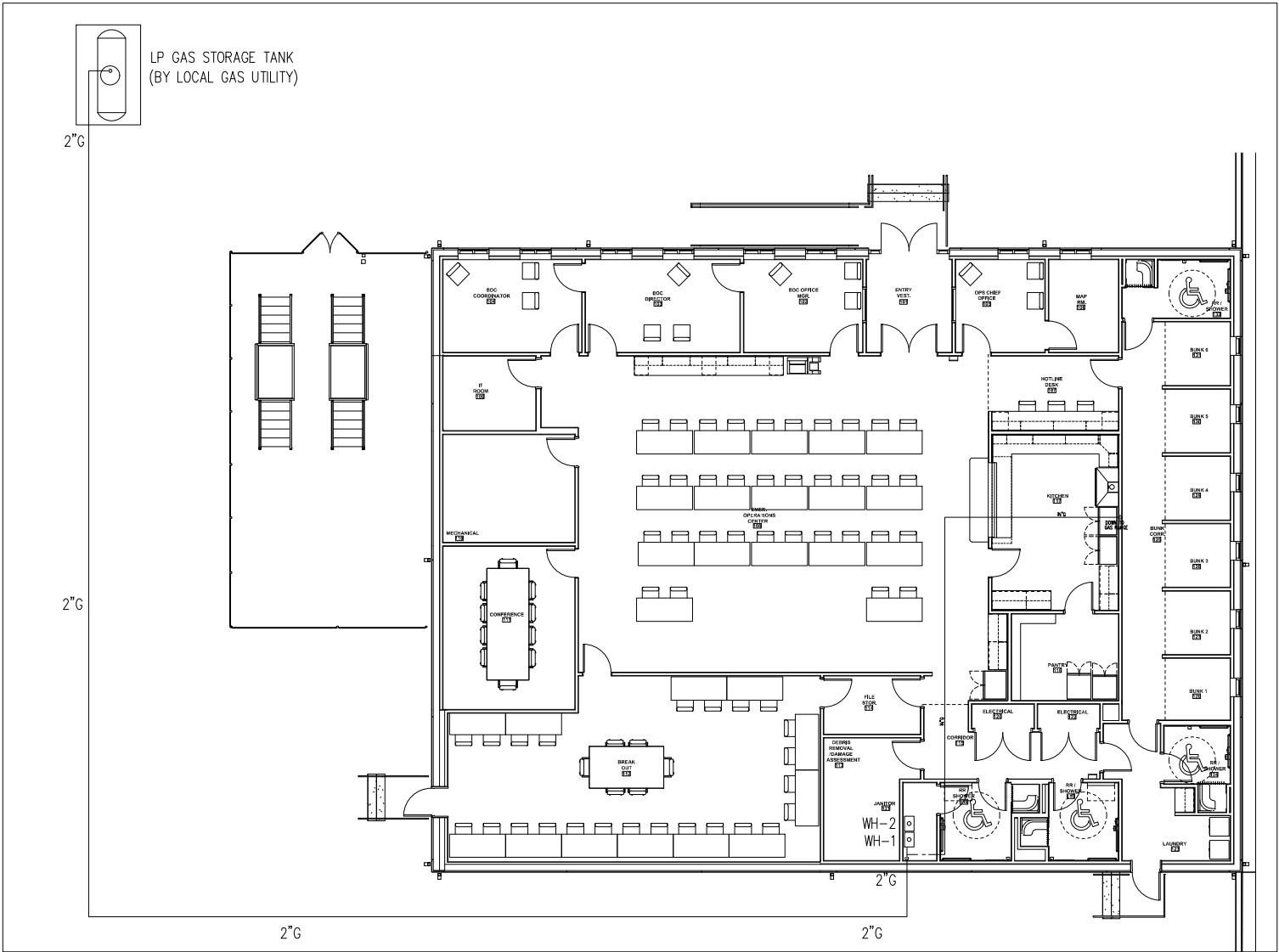
P2.3

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PINNACLE
ENGINEERING
GROUP, P.A.

2632 THOMASVILLE ROAD, STE C
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850 424-7810 PHONE
ENGINEERING BUSINESS NO. 9793

222-119.01

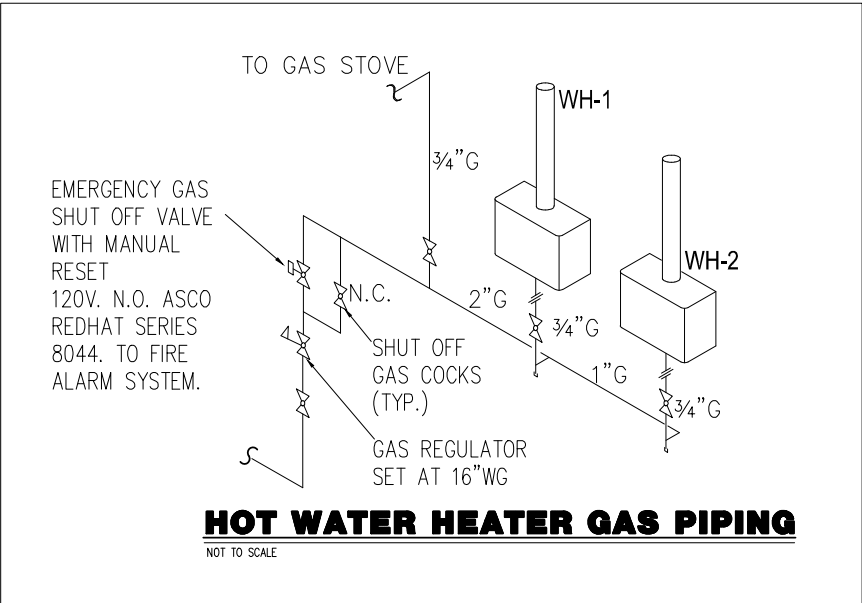


FLOOR PLAN - GAS SYSTEM

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

HOT WATER HEATERS	
DESIGNATION	WH-1, 2
SERVICE	DOMESTIC HW
TYPE	GAS POINT OF USE
GROSS OUTPUT	8 GPM
LVG WATER TEMP.	120°F
ENT WATER TEMP.	70° F
MANUFACTURER	RINNAI
MODEL NO.	TANKLESS RACK SYSTEM – 2 HEATERS
INPUT	199,000 BTUH
VENTING	DIRECT – RINNAI STANDARD OUTDOOR VENT SYSTEM
FUEL	PROPANE GAS
FUEL PRESSURE	4 – 10.5 "WG
SETPOINT TEMP.	120°F
VOLTAGE	120/1/60
CONNECTIONS	3/4" NPT
RELIEF VALVE	3/4" ASME
CONTROLS	REMOTE ADJUSTMENT
COLOR	STANDARD
CIRCULATION PUMP	4 GPM 25' HEAD CIRCULATING PUMP

1. FURNISH AND INSTALL RINNAI STANDARD VERTICAL VENTING SYSTEM WITH ROOF FLASHING, CONDENSATE COLLECTOR AND ROOF DISCHARGE TERMINAL CAP.
2. FURNISH AND INSTALL 3/4" SCH 40 PVC PIPE FROM CONDENSATE COLLECTOR TO FLOOR HUB DRAIN SYSTEM.
3. FURNISH AND INSTALL ISOLATION VALVE KIT
4. FURNISH AND INSTALL RINNAI STANDARD WALL BRACKET(S)
5. FURNISH AND INSTALL RINNAI STANDARD TEMPERATURE INDICATION ON THE FRONT OF UNIT



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L.P. GAS SYSTEM

Tallahassee Florida

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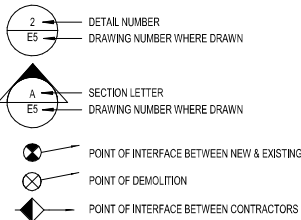
2022 THOMASVILLE ROAD, STE C
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222-119.01

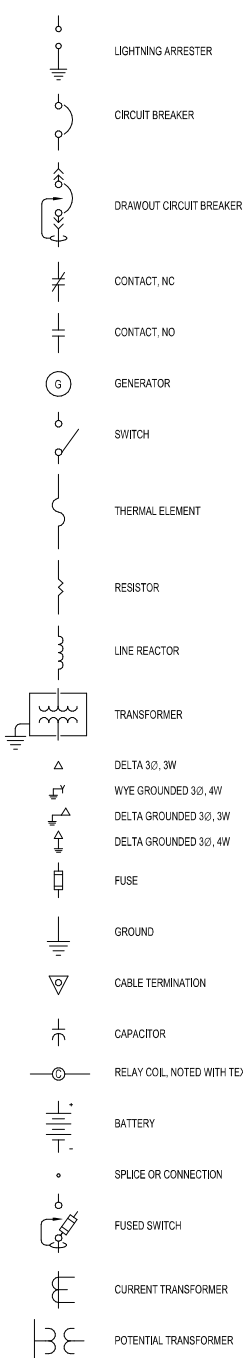
ABBREVIATIONS

A	AMPERE
AC	AIR CONDITIONING OR ALTERNATING CURRENT
ACC	ACCESS
AF	AMPERE FRAME
AG	ABOVE GRADE
AHJ	AIR HANDLING UNIT
AL	ALUMINUM
AM	AMMETER
ARCH	ARCHITECT
AT	AMPERE TRIP
ATC	AUTOMATIC TEMPERATURE CONTROL
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BG	BELOW GRADE
C	CONDUIT
CAT	CATEGORY
CB	CIRCUIT BREAKER
CBB	COMM. BACKBOARD
CH	CHILLER
CKT	CIRCUIT
CL	CENTER LINE
CLF	CURRENT LIMITING FUSE
CM	CEILING MOUNTED
CNTL	CONTROL
CU	COPPER
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EPO	EMERGENCY POWER OFF
EXIST	EXISTING
FA	FIRE ALARM
FCP	FIRE ALARM CONTROL PANEL
FACC	FIRE ALARM COMMAND CENTER
FATC	FIRE ALARM TERMINAL CABINET
FLR	FLOOR
FMC	FURNISHED BY MECHANICAL CONTRACTOR
FO	FIBER OPTIC
FOTC	FIBER OPTIC TERMINAL
FWE	FURNISHED WITH EQUIPMENT
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HOA	HAND-OFF-AUTO
HCCR	HEATING/ACR CONDITIONING-RATE
HID	HIGH INTENSITY DISCHARGE
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
HZ	HERTZ
HP	HORSEPOWER
IG	ISOLATED GROUND
IMC	INTERMEDIATE METALLIC CONDUIT
JB	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT AMPERE
KW	KILOWATT
MC	MECHANICAL CONTRACTOR
MCC	MOTOR CONTROL CENTER
M-G	MOTOR GENERATOR
MDP	MAIN DISTRIBUTION PANEL
MH	METAL HALIDE
MOD	MOTOR OPERATED DAMPER OR DOOR
MTD	MOUNTED
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NF	NON-FUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
PNL	PANEL
Ø	PHASE
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
PB	PUSHBUTTON
PE	PHOTOELECTRIC
PP	PATCH PANEL
PVC	POLYVINYL CHLORIDE CONDUIT
R	RELOCATED
RSC	RIGID STEEL CONDUIT
SCH	SCHEDULE
SEC	SECURITY
SW	SWITCH
SWGR	SWITCHGEAR
TEL T	TELEPHONE
TBB	TELEPHONE BACKBOARD
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TS	TIME SWITCH
XFMR	TRANSFORMER
XFR	TRANSFER
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UPS	UNINTERRUPTIBLE POWER SUPPLY
UON	UNLESS OTHERWISE NOTED
VT	VAPORTIGHT
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
V	VOLT
VM	VOLTMETER
W	WATT
WHM	WATTHOUR METER
WM	WATTMETER
WP	WEATHER PROOF

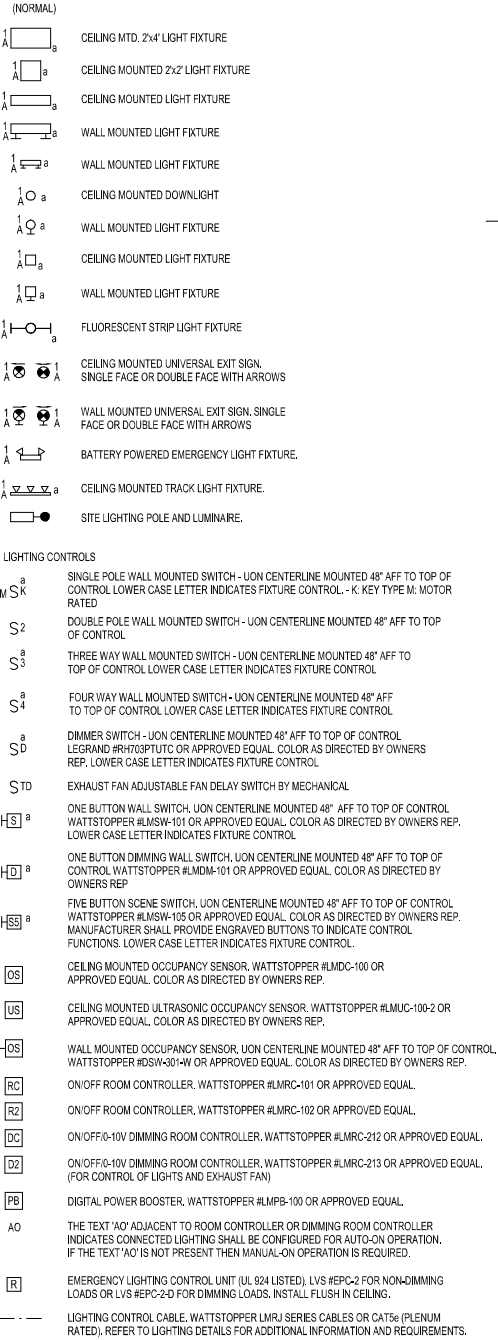
DRAWING SYMBOLS



RISER SYMBOLS LEGEND



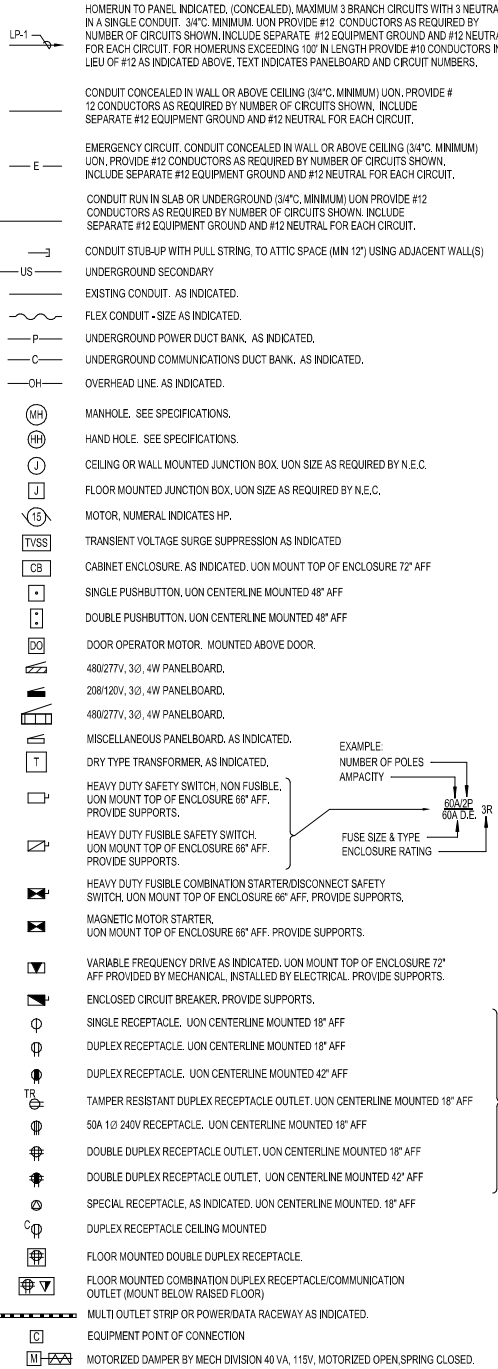
LIGHTING LEGEND



GENERAL NOTES

- GENERAL NOTES APPLY TO ALL ELECTRICAL DRAWINGS, SHEETS APPLY ONLY ON THE DRAWINGS ON WHICH THEY APPEAR. FLAG NOTES REFER TO LINE NUMBERED ITEMS ON THE SHEET WHICH THEY APPEAR.
- THESE DRAWINGS MUST BE WORKED IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING, FIRE PROTECTION, MECHANICAL AND ALL APPROVED SHOP DRAWINGS TO INSURE EXACT AND PROPER LOCATION OF ALL DEVICES AND EQUIPMENT. MANY DEVICE AND EQUIPMENT LOCATIONS ARE FOUND ON OTHER PLANS.
- ALL EQUIPMENT SHALL BE UL LABELED AND LISTED.
- PROJECT PHASING SHALL BE COORDINATED WITH OWNER AND ARCHITECT.

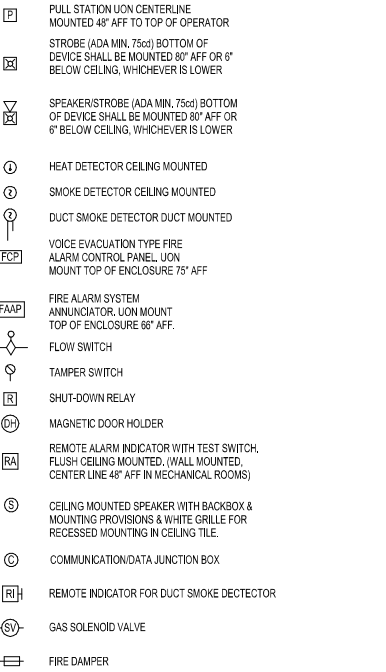
POWER LEGEND



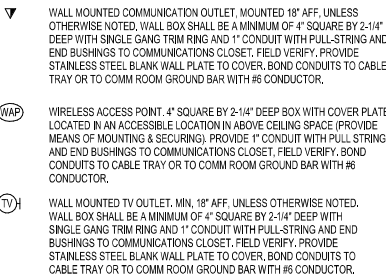
LEGEND NOTES

- THIS LEGEND INDICATES STANDARD SYMBOLS AND ALL SYMBOLS MAY NOT BE USED ON THESE PLANS. HOWEVER, WHERE THE SYMBOL APPEARS ON THE PLANS IT SHALL BE PROVIDED AND INSTALLED ACCORDING TO PLANS AND SPECIFICATIONS.
- FOR ALL LIGHTING FIXTURE SYMBOLS SHOWN ON LEGEND THE FOLLOWING SHALL APPLY:
A. UPPER CASE LETTER ADJACENT TO FIXTURE IS FIXTURE TYPE ON LIGHTING FIXTURE SCHEDULE.
B. LOWER CASE LETTER ADJACENT TO FIXTURE INDICATES SWITCH LEG CONTROL.
C. NUMERAL ADJACENT TO FIXTURE INDICATES CIRCUIT NUMBER.
- THE LETTER 'WP' ADJACENT TO RECEPTACLE INDICATES A WEATHER PROOF COVER IS REQUIRED.
- THE LETTER 'GFI' ADJACENT TO RECEPTACLE INDICATES RECEPTACLE ON A GFCI CIRCUIT BREAKER.
- LINE TYPE LEGEND ILLUSTRATES LINE TYPE MODIFICATIONS TO SYMBOLS TO INDICATE TYPE OF ACTION FOR INDICATED OBJECTS, ON DRAWINGS.
- THE LETTER 'C' ADJACENT TO DEVICE SUCH AS A RECEPTACLE, J-BOX, OR DATA OUTLET, ETC. INDICATES CEILING MOUNTED.

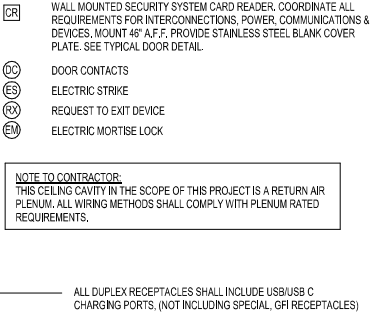
FIRE ALARM LEGEND



COMMUNICATIONS LEGEND



SECURITY LEGEND



FRANKLIN COUNTY
E.O.C.

19001 Drawn By: CAH
Project Code Checked By: RKF

17 APRIL 2026

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GENERAL NOTES,
LEGENDS, &
SYMBOLS

Tallahassee Florida

E0.1

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PARTIAL SPECIFICATIONS

SEE SPEC BOOK

SECTION 280000
PART 1 - GENERAL

1. SUMMARY
- A. PROVIDE ALL LABOR AND MATERIAL NECESSARY TO COMPLETE THE DEMOLITION/CONSTRUCTION OF THE ELECTRICAL SYSTEM.
2. WORK INCLUDED
- A. THE WORK REQUIRED UNDER THIS DIVISION SHALL INCLUDE ALL MATERIALS, LABOR AND AUXILIARIES REQUIRED TO INSTALL A COMPLETE AND PROPERLY OPERATING ELECTRICAL SYSTEM. THE ELECTRICAL SYSTEM WORK REQUIRED UNDER THIS DIVISION SHALL BE AS SPECIFIED HEREIN AND AS SHOWN ON PLANS.
- B. DRAWINGS FOR THE WORK ARE DIAGRAMMATIC, INTENDED TO CONVEY THE EXTENT, GENERAL ARRANGEMENT, AND LOCATIONS OF THE WORK. BECAUSE OF THE SCALE OF THE DRAWINGS, CERTAIN BASIC ITEMS SUCH AS CONDUIT FITTINGS, ACCESS PANELS, SLEEVES, PULL AND JUNCTION BOXES MAY NOT BE SHOWN. INCLUDE SUCH ITEMS WHERE REQUIRED BY CODE, OTHER SECTIONS, OR FOR PROPER INSTALLATION OF THE WORK.
- C. EQUIPMENT SPECIFICATIONS MAY NOT DEAL INDIVIDUALLY WITH EVERY PART, CONTROL, OR DEVICE, WHICH MAY BE REQUIRED TO PRODUCE THE EQUIPMENT PERFORMANCE SPECIFIED OR AS REQUIRED TO MEET THE EQUIPMENT WARRANTIES. INCLUDE SUCH ITEMS AS REQUIRED, WHETHER OR NOT SPECIFICALLY INDICATED.
- D. COORDINATE WITH ALL TRADES IN SUBMITTAL OF SHOP DRAWINGS. SHOP DRAWINGS SHALL DETAIL SPACE CONDITIONS TO THE SATISFACTION OF ALL CONCERNED TRADES. SUBJECT TO FINAL REVIEW OF THE ENGINEER. IF THE ELECTRICAL WORK IS INSTALLED BEFORE COORDINATING WITH OTHER TRADES, WHICH INTERFERES WITH WORK OF OTHER TRADES, MAKE ALL NECESSARY CHANGES TO CORRECT THE CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- E. THIS CONTRACTOR SHALL PROVIDE TEMPORARY WIRING IN ALL ROOMS, STAIRS, AND AREAS AND RECEPTACLES FOR CONSTRUCTION. PROVIDE ALL REQUIRED WIRING AND BRANCH CIRCUITS
- F. THIS CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE NEEDS/REQUIREMENTS WITH ELECTRIC UTILITY. COORDINATE SERVICE VOLTAGE, AMPACITY CONNECTION POINT AS REQUIRED. PAY ALL ASSOCIATED COSTS.
3. CODES AND STANDARDS
- A. INSTALL ALL WORK IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING:
- a. (SBC) FAC 98-1047 STATE BUILDING CODE ADOPTED
- b. (NFPA) NFPA 72, 2019 NATIONAL FIRE ALARM CODE
- c. (NEC) NFPA 70, 2020 NATIONAL ELECTRIC CODE
- d. (NFPA) NFPA 101, 2021 LIFE SAFETY CODE
- e. FAC 4A-1012 STANDARD OF THE NATIONAL FIRE PROTECTION ASSOCIATION ADOPTED.
- f. (FBC) FLORIDA BUILDING CODE, 2020
- B. STANDARDS OF THE FOLLOWING ASSOCIATIONS OR ORGANIZATIONS SHALL BE FOLLOWED AND APPLIED WHERE APPLICABLE.
- a. (UL) UNDERWRITERS LABORATORIES
- b. (IEEE) INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
- c. (NEMA) NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
- d. (FM) FACTORY MUTUAL
- C. IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO COMPLY WITH THE APPLICABLE CODES, ORDINANCES, REGULATIONS, AND STANDARDS. WHERE DISCREPANCIES OCCUR, NOTIFY THE ENGINEER, IN WRITING, AND ASK FOR INTERPRETATION. CORRECT ANY INSTALLATION THAT FAILS TO COMPLY WITH THE APPLICABLE CODES AND STANDARDS AT NO ADDITIONAL COST TO THE OWNER.
4. PERMITS AND INSPECTIONS
- A. OBTAIN AND MAKE ALL PAYMENT FOR PERMITS AND INSPECTIONS REQUIRED. AT THE COMPLETION OF THE PROJECT AND BEFORE FINAL ACCEPTANCE OF THE ELECTRICAL WORK, PROVIDE EVIDENCE OF FINAL INSPECTION AND APPROVAL BY THE AUTHORITIES HAVING JURISDICTION.
5. ACTIVE SERVICES
- A. PROTECT EXISTING ACTIVE SERVICES, WATER, GAS, SEWER, ELECTRIC, WHEN ENCOUNTERED, AGAINST DAMAGE, DO NOT PREVENT OR DISTURB OPERATION OF ACTIVE SERVICE WHICH ARE TO REMAIN. IF ACTIVE SERVICES ARE ENCOUNTERED WHICH REQUIRE RELOCATION, MAKE REQUEST TO AUTHORITIES WITH JURISDICTION FOR DETERMINATION OF PROCEDURES. WHERE EXISTING SERVICES ARE TO BE ABANDONED, TERMINATE THEM IN CONFORMANCE WITH REQUIREMENTS OF THE UTILITY OF MUNICIPALITY HAVING JURISDICTION.
6. TEST AND DEMONSTRATIONS
- A. TEST ALL SYSTEMS AND PLACE IN PROPER WORKING ORDER PRIOR TO DEMONSTRATING SYSTEMS TO THE OWNER.
- B. PERFORM SUCH TESTS AS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER THE SITE.
- C. PRIOR TO THE ACCEPTANCE OF THE WORK, DEMONSTRATE TO THE OWNER ALL FEATURES AND FUNCTIONS OF ALL SYSTEMS, AND INSTRUCT THE OWNER IN THE PROPER OPERATION, CARE AND MAINTENANCE OF THE SYSTEMS AND EQUIPMENT.
- D. ARRANGE WITH THE OWNER THE DATES AND TIMES FOR EACH DEMONSTRATION.
7. IDENTIFICATION
- A. PROVIDE ENGRAVED LAMINATED NAME PLATES ON THE FOLLOWING, LISTING THE DESIGNATED INFORMATION:
- a. SAFETY SWITCHES, VARIABLE SPEED DRIVES AND MOTOR STARTERS WITH EQUIPMENT SERVED IDENTIFICATION.
- b. PANEL BOARDS
- B. NAMEPLATES SHALL BE WHITE LETTERS ON BLACK BACKGROUND FOR NORMAL SYSTEM.
- C. POWER WIRING SHALL CONDUCTORS COLOR BANDED IN EACH JUNCTION AND PULL BOX.
- D. CONTROL CIRCUIT WIRING SHALL BE IDENTIFIED WITH WIRE NUMBERS AT EACH TERMINATION.
8. DELIVERY AND STORAGE
- A. HANDLE, STORE AND PROTECT EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND WITH THE REQUIREMENTS OF NFPA 8, APPENDIX 1, TITLED "EQUIPMENT STORAGE AND MAINTENANCE DURING CONSTRUCTION". REPLACE DAMAGED OR DEFECTIVE ITEMS WITH NEW ITEMS.
9. ELECTRICAL CONNECTIONS TO EQUIPMENT
- A. PROVIDE POWER CIRCUIT AND CONTROL WIRING FOR ALL ELECTRICAL EQUIPMENT AND CONNECT COMPLETE UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
- B. ALL CONNECTION SHALL BE TIGHTENED TO THE TORQUE VALUES RECOMMENDED BY THAT DEVICE MANUFACTURERS INSTRUCTIONS. IF THESE VALUES ARE NOT LISTED, TIGHTEN TO POUND-INCH OR POUND-FOOT VALUES RECOMMENDED BY UL STANDARD 486B. A SUMMARY OF WHICH MAY BE FOUND IN SECTION 116-14 OF THE NATIONAL ELECTRIC CODE HANDBOOK.
10. SUBMITTALS
- A. SUBMIT DATA CONSISTING OF SHOP DRAWINGS AND/OR CATALOGUE CUTS COMPLETE WITH TECHNICAL DATA NECESSARY TO EVALUATE THE MATERIAL OR EQUIPMENT. INCLUDE DIMENSIONS, WIRING DIAGRAMS, PERFORMANCE CURVES, RATING, CONTROL SEQUENCES, AND OTHER DESCRIPTIVE DATA NECESSARY TO DESCRIBE FULLY THE ITEM PROPOSED AND ITS OPERATING CHARACTERISTICS.
- B. DO NOT PURCHASE OR INSTALL EQUIPMENT REQUIRING SUBMITTAL UNTIL THE REVIEW PROCESS IS COMPLETE.
11. ACCEPTABLE PRODUCTS
- A. USE ONLY NEW PRODUCTS MADE BY COMPANIES REGULARLY ENGAGED IN THE MANUFACTURE OF THE TYPE EQUIPMENT SPECIFIED. USE THE PRODUCTS OF A SINGLE MANUFACTURER FOR SIMILAR TYPE EQUIPMENT, I.E. SAFETY SWITCHES, PANELBOARDS, CONDUIT, CONDUCTORS AND CIRCUIT BREAKERS.
12. RECORD DRAWINGS
- A. AT THE JOB SITE, MAINTAIN A SET OF PRINTS ON WHICH ARE RECORDED ALL FORMAL FIELD CHANGES AND OTHER PORTIONS OF THE WORK THAT VARY SIGNIFICANTLY FROM THE CONTRACT DOCUMENTS. INDICATE ACTUAL ROUTING OF ELECTRICAL FEEDERS.
- B. DELIVER RECORD DRAWINGS TO THE OWNER IN THE QUANTITY AND MANNER REQUESTED.
- C. FINAL ACCEPTANCE AND PAYMENT FOR THE PROJECT WILL NOT BE GIVEN UNTIL THESE DRAWINGS HAVE BEEN RECEIVED.
13. GUARANTEES
- A. ALL MATERIALS AND LABOR SHALL BE UNCONDITIONALLY WARRANTED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION. SPECIFIC MANUFACTURER'S EQUIPMENT WARRANTIES IN EXCESS OF ONE (1) YEAR SHALL TAKE PRECEDENCE. MANUFACTURER'S WARRANTIES SHALL BE PROVIDED WHENEVER AVAILABLE AND POSSIBLE. ALL EQUIPMENT SHALL BE NEW AND UNUSED FROM THE FACTORY AND SHALL NOT BE MODIFIED OR REBUILT.

PART 2 - PRODUCTS

1. OUTLET BOXES
- A. GENERAL USE BOXES: GALVANIZED, PRESSED STEEL UNITS OF PROPER DEPTH AND GAUGE REQUIRED BY THE OUTLET LOCATION, EQUIP WITH PLASTER RING OR COVER AS NECESSARY.
- B. ACCEPTABLE MANUFACTURERS: RACO OR STEEL CITY.
- C. SPECIAL BOXES: GALVANIZED SHEET METAL OR CAST CONSTRUCTION AND SIZED IN ACCORDANCE WITH THE NEC BASED ON THE NUMBER OF CONDUCTORS AND SPLICES TO BE HOUSED. FOR SPECIAL SYSTEMS, USE BOXES AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER. BOXES AT EXTERIOR LOCATIONS SHALL BE WET LOCATION TYPE. IN USE DEVICE COVERS SHALL BE DIE CAST ALUMINUM OR CAST IRON.
- D. POWER AND LIGHTING JUNCTION BOXES SHALL BE IDENTIFIED WITH PANEL AND CIRCUIT NUMBERS WITH BLACK PERMANENT MARKER.
2. CONDUIT
- A. RIGID METALLIC CONDUIT (RMC): HOT DIPPED GALVANIZED STEEL CONFORMING TO CR80.3, FS WW-C581E AND UL 6.
- B. ELECTRICAL METALLIC TUBING (EMT)(THINWALL): GALVANIZED STEEL CONFORMING TO ASA CR80.3, FS WW-C583 AND UL 797.
- C. INTERMEDIATE METAL CONDUIT (IMC): HOT DIPPED GALVANIZED STEEL CONFORMING TO FS WW-C581E AND UL 1242.
- D. FLEXIBLE METAL CONDUIT: SPIRAL WOUND, SQUARE-LOCKED, HOT DIPPED GALVANIZED STEEL CONFORMING TO UL1, (WATER-PROOF "SEAL-TITE" OR "LIQUID-TITE" IN OUTDOOR AND WET LOCATIONS).
3. CONDUIT FITTINGS
- A. RMC/IMC: THREADED, MALLEABLE IRON, HOT DIPPED GALVANIZED. FITTINGS USED WITH COATED RMC SHALL HAVE A SIMILAR COATING.
- B. EMT: COMPRESSION TYPE, STEEL, (NO SET SCREW OR ZINC ALLOWED)
- C. FLEXIBLE METAL: TWO SCREW, DOUBLE CLAMP MALLEABLE IRON, HOT DIPPED GALVANIZED OR CADMIUM PLATED.
- D. ALL CONNECTORS SHALL BE INSULATED THROATED TYPE.
- E. CONDUIT SHALL BE MANUFACTURED IN THE USA.
4. WIRE AND CABLE - 600 VOLT
- A. ALL CONDUCTORS SHALL BE COPPER.
- B. INSULATION: HEAT AND MOISTURE RESISTANT WITH A TEMPERATURE RATING OF AT LEAST 90 DEGREES (THHN, THWN) AND A 600 VOLT RATING UNLESS OTHERWISE INDICATED.
- C. USE STRANDED CONDUCTOR ON ALL WIRING #8 AWG AND LARGER. ALL OTHER WIRING SHALL BE SOLID.
- D. COLOR CODE WIRING AS FOLLOWS:
- 120/208 VOLT, 3 PHASE, 4 WIRE
- NEUTRAL - WHITE
- PHASE A - BLACK
- E. PHASE B - RED
- PHASE C - BLUE
- GROUND - GREEN
- F. ALL OTHER COLORS SHALL BE RESERVED FOR AND ONLY USED FOR SWITCH LEGS, CONTROLS CIRCUITS, COMMUNICATIONS WIRING, FIRE ALARM, ETC. USE DIFFERENT COLOR FOR DIFFERENT CIRCUIT TYPES.
5. GROUNDING
- A. PROVIDE AN EQUIPMENT CONDUCTOR IN ALL RACEWAYS SIZED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE (NEC).
- B. BOND ALL BRANCH CIRCUIT DEVICES TO THE BUILDING GROUND SYSTEM BY MEANS OF THE GROUNDING CONDUCTOR INSTALLED IN EACH RACEWAY.
6. ANCHORS AND FASTENERS
- A. USE ANCHORS AND FASTENERS OF A TYPE DESIGNED AND INTENDED FOR USE IN THE BASE MATERIAL TO WHICH THE MATERIAL OR SUPPORT IS TO BE ATTACHED, AND CAPABLE OF SUPPORTING THE INTENDED LOAD AND WITHSTANDING ANY ASSOCIATED STRESSES AND VIBRATIONS. DO NOT USE WOODEN PLUGS FOR FASTENING.
7. CIRCUIT BREAKERS
- A. THIS CONTRACTOR SHALL PROVIDE MOLDED CASE, BOLT-IN TYPE, THERMAL-MAGNETIC CIRCUIT BREAKERS WITH A.I.C., RATING TO MATCH PANEL. PROVIDE HACR RATED CIRCUIT BREAKERS AS INDICATED. CIRCUIT BREAKERS SHALL HAVE THE FRAME SIZE, TRIP RATING, AND NUMBER OF POLES AS INDICATED. **CIRCUIT BREAKER 100 AMPS AND LARGER SHALL BE ELECTRONIC FULLY ADJUSTABLE TYPE WITH LSI SETTINGS.**
8. CONTACTORS
- A. CONTACTORS SHALL BE VOLTAGE AND AMPACITY RATED FOR LOADS CONTROLLED. PROVIDE 1P, 2P, OR 3P CONTACTORS AS REQUIRED FOR LOAD SERVED. PROVIDE 120V OR 24V CONTROL COILS AS REQUIRED FOR LOCATION. CONTACTORS SHALL BE HEAVY DUTY TYPE. PROVIDE NEMA 1 ENCLOSURE FOR EACH CONTACTOR ACCEPTABLE MANUFACTURERS ARE:
- a. SIEMENS
- b. S.Q.D.
- c. CUTLER-HAMMER
9. RECEPTACLES, SWITCHES, DIMMERS & PLATES
- A. RECEPTACLES, SWITCHES, & COVER PLATES SHALL BE VOLTAGE AND AMPACITY APPLICABLE TO LOAD AND CIRCUIT. PROVIDE BRUSHED STAINLESS STEEL COVER PLATES AND WHITE COLORED DEVICES UNLESS OTHERWISE DIRECTED. RECEPTACLES AND SWITCHES SHALL BE SPECIFICATION GRADE 20 AMP RATED. INTERIOR DUPLEX RECEPTACLES, (EXCEPT GFI) SHALL HAVE USB/USB C CHARGING PORTS. PROVIDE WET LOCATION BOXES AND COVERS FOR ALL EXTERIOR RECEPTACLES. ACCEPTABLE MANUFACTURERS:
- a. LEVITON
- b. HUBBELL
- c. PASS-SERMORE
10. SAFETY SWITCHES
- A. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY TYPE, FUSED OR NON-FUSED AS INDICATED ON THE PLANS. ENCLOSURE TYPE (NEMA 1 OR NEMA 3R) AS INDICATED ON PLANS. ACCEPTABLE MANUFACTURERS:
- a. SQUARE D
- b. SIEMENS
- c. CUTLER-HAMMER
11. TVSS SPECIFICATION
- A. MOV TYPE (200K RATED) MATCH VOLTAGE OF LOCATION SHOWN. ACCEPTABLE MANUFACTURERS:
- a. SQUARE D
- b. SIEMENS
- c. CUTLER-HAMMER
12. PANEL BOARDS
- A. IDENTIFICATION: PANELBOARDS SHALL BE IDENTIFIED USING PERMANENTLY ATTACHED MACHINE ENGRAVED PHENOLIC NAME PLATES.
- B. STANDARD COLOR SHALL BE WHITE LETTERS ON BLACK BACKGROUND.
- B. BUSSING: PANELBOARD BUSSING, INCLUDING EQUIPMENT GROUND BAR, SHALL BE COPPER, WITH FACTORY PROVIDED COPPER COMPRESSION LUG KIT.
- C. RATING: NEUTRAL BUS SHALL BE 100% RATED.
- D. ENCLOSURE COVER: COVER SHALL BE PIANO HINGED FRONT TYPE.
- E. BREAKERS: CIRCUIT BREAKERS SHALL BE COIT-ON CONSTRUCTION.
- F. ACCEPTABLE PANEL MANUFACTURERS: SQUARE D, SIEMENS, CUTLER-HAMMER.
- G. EACH PANEL SHALL BE LABELED WITH SERVING-PANEL DESIGNATION AND LOCATION.
13. COMBINATION MAGNETIC MOTOR STARTERS
- A. PROVIDE FVNR, 3P MAGNETIC MOTOR STARTERS AS INDICATED ON PLANS. STARTERS SHALL HAVE H.O.A. START/STOP PUSH BUTTONS, RED/GREEN PILOT LIGHTS, DISCONNECT AND CONTROL TRANSFORMER. ENCLOSURE TYPE: NEMA 1 OR NEMA 3R DEPENDING ON LOCATION) ACCEPTABLE MANUFACTURERS ARE: SQUARE D, CUTLER-HAMMER, SIEMENS.
14. FIRE ALARM SYSTEM:
- A. THE FIRE ALARM SCOPE SHALL CONSIST OF NEW MULTIPLEX ADDRESSABLE FIRE ALARM SYSTEM. ALL FIRE ALARM COMPONENTS SHALL BE UL LISTED AND MEET OR EXCEED ALL FLORIDA BUILDING CODE (FBC), NFPA 70, 72, 101 CODES AND STATE FIRE PREVENTION CODE. THE FIRE ALARM SYSTEM SHALL HAVE INTEGRAL BATTERY BACKUP CAPACITY & CHARGER TO OPERATE SYSTEM AS REQUIRED BY CODE. FIRE ALARM WIRING SHALL BE INSTALLED WITHIN CONDUIT. WIRING SHALL BE FULLY MONITORED BY FAC PER CODE. ONLY A QUALIFIED AND PROPERLY CERTIFIED FIRE ALARM CONTRACTOR SHALL PERFORM WORK ON THE FIRE ALARM SYSTEM
- a. PULL STATIONS:
- PULL STATIONS SHALL BE RED COLORED WITH WHITE LETTERING DUAL ACTION ADDRESSABLE TYPE WITH A KEY TEST & RESET FEATURE.
- b. SMOKE DETECTORS:
- SMOKE DETECTORS SHALL BE PHOTO-ELECTRIC ADDRESSABLE TYPE WHITE IN COLOR FOR CEILING MOUNT APPLICATION. SHALL NOT BE LOCATED WITHIN 36 INCHES OF AN AIR-DIFFUSER.
- c. DUCT SMOKE DETECTORS & REMOTE INDICATORS:
- DUCT SMOKE DETECTORS SHALL BE PHOTO-ELECTRIC ADDRESSABLE TYPE WITH REQUIRED HOUSING AND SAMPLING TUBES FOR DUCT MOUNTING.
 - REMOTE INDICATORS SHALL HAVE A KEY RESET FEATURE WITH RED LED AND NAMEPLATE INDICATING ASSOCIATED AHU.
- d. FLOW AND TAMPER SWITCHES:
- FLOW AND TAMPER SWITCHES SHALL BE ADDRESSABLE OR AS REQUIRED BY CODE.
- e. SPEAKER/ADA STROBES:
- AUDIOVISUAL DEVICES SHALL CONSIST OF ELECTRONIC SPEAKER FOR FIRE ALARM NOTIFICATION. EACH UNIT SHALL CONSIST OF A SPEAKER OR AN ADA STROBE. (MIN. 75cd) WITH WORD "FIRE" ENGRAVED ON WHITE LENS. THIS UNIT SHALL BE RED IN COLOR AND WALL MOUNTED. (STROBE SHALL BE IDENTICAL, EXCEPT WITH NO AUDIO COMPONENT).
- f. PROVIDE SIX (6) SETS OF SHOP DRAWINGS THAT INCLUDE COMPLETE INTERCONNECTION DIAGRAMS, CUTSHEETS & CAPACITIES. PROVIDE BATTERY INFORMATION AND LOAD CALCULATIONS.
- g. SUBMIT FOR PERMITTING TO THE AUTHORITY HAVING JURISDICTION.
- h. WARRANTY SHALL BE PARS AND LABOR FOR A PERIOD OF NOT LESS THAN 1 YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
- i. PROVIDE NFPA FIRE ALARM CERTIFICATION.

PART 3 - EXECUTION

1. GENERAL REQUIREMENTS
- A. USE GOOD WORKMANSHIP IN THE INSTALLATION OF ALL ELECTRICAL MATERIALS AND EQUIPMENT. INSTALL EQUIPMENT LEVEL, PLUMB, AND TRUE WITH THE STRUCTURE AND OTHER EQUIPMENT. FIRMLY SECURE ALL MATERIALS IN PLACE. ADEQUATELY SUPPORTED, AND PERMANENT. MATERIALS EMBEDDED IN CONCRETE OR MASONRY OR OTHERWISE PART OF THE STRUCTURE ARE CONSIDERED SUFFICIENTLY SUPPORTED. USE HARDWARE AND ACCESSORY FITTINGS OF A TYPE DESIGNED, INTENDED AND APPROPRIATE FOR THE USE AND TO COMPLEMENT THE ITEMS WITH WHICH THEY ARE USED.
2. MINIMUM SIZES
- A. CONDUIT:
- a. 3/4" RUNS TO SWITCH, & 3/4" FOR ABOVE GRADE INTERIOR APPLICATIONS, UNLESS OTHERWISE NOTED.
- UNDERGROUND CONDUITS SHALL BE 1" MINIMUM SIZE.
 - EMPTY CONDUITS SHALL HAVE A 200LB TEST PULL CORD INSTALLED IN EACH.
- B. WIRE:
- #12 AWG MINIMUM FOR ALL POWER AND LIGHTING CIRCUITS. SIGNAL AND CONTROL WIRING MAY BE SMALLER, AS INDICATED.
- C. LIGHTING FIXTURE WHIPS:
- a. 1/2" CONDUIT WITH #12 CONDUCTORS.
3. LOCATIONS AND DIMENSIONS
- A. LOCATE ALL DEVICES AND EQUIPMENT WHERE SHOWN ON THE DRAWINGS. ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE FROM FINISHED FLOOR TO THE CENTER OF THE DEVICE UNLESS OTHERWISE INDICATED.
- B. CONDUIT JUNCTION BOX COLOR CODING:
- FIRE ALARM - RED
- EMERGENCY POWER - YELLOW
- ESSENTIAL DIST. - PURPLE
- NORMAL POWER - BLUE
- SECURITY - BROWN
- C. PROVIDE ARC-FLASH INFORMATION NAME-PLATE ON EACH ELECTRICAL PANEL, ATS, DISCONNECTS, SWITCHBOARD & MOTOR CONTROLLER. ARC-FLASH INFORMATION WILL BE SUPPLIED TO THE CONTRACTOR AFTER SHOP DRAWINGS ARE REVIEWED AND APPROVED.
4. WIRING METHODS
- A. INSTALL ALL WIRING IN CONDUIT OR APPROVED RACEWAYS. PROVIDE NYLON PULL CORD IN EMPTY CONDUITS. **THE USE OF BX, MC, AND OTHER SIMILAR CABLE CONDUITS IS NOT APPROVED.**
- B. SET OUTLET BOXES SQUARE, LEVEL, AND FLUSH WITH FINISHED SURFACES. SECURE AND BRACE WORK IN SUCH A MANNER AS TO INSURE THAT OUTLET BOXES AND CONDUIT DO NOT BECOME DISLOACATED DURING THE CONCRETE PLACING OPERATIONS OR WHILE OTHER CONSTRUCTION WORK IS BEING DONE.
- C. UNLESS OTHERWISE INDICATED, PROVIDE CONDUIT IN ACCORDANCE WITH THE FOLLOWING:
- a. RIGID METAL CONDUIT (RMC) OR INTERMEDIATE METAL CONDUIT (IMC) (METAL CONDUIT USED BELOW GRADE SHALL HAVE APPLIED 2 COATS OF QUTUMASTIC OR HAVE A FACTORY APPLIED PVC COATING ALONG COMPLETE UNDERGROUND CONDUIT RUN, (INCLUDING COUPLINGS) UP TO A POINT 6" ABOVE GRADE.) USE ANYWHERE OR WHERE RUN EXPOSED.
- b. THIN WALL METAL (EMT) USE ANYWHERE EXCEPT:
- UNDERGROUND
 - IN SLABS ON GROUND
- D. USE FLEXIBLE STEEL CONDUIT WITH GROUND WIRE FOR FINAL 24" OF CONNECTION TO MOTORS OR EQUIPMENT SUBJECT TO VIBRATION, WATER-PROOF "SEAL-TITE" OR "LIQUID-TITE" IN OUTDOOR AND WET LOCATIONS).
- E. FIRMLY AND SECURELY FASTEN CONDUITS TO OR SUPPORT FROM THE BUILDING OR STRUCTURAL MEMBER OR EMBEDDED IN CONCRETE OR MASONRY. USE HANGERS AND SUPPORTS THAT ARE STANDARD CATALOG ITEMS OF A TYPE COMPATIBLE WITH AND SUITABLE FOR THE INTENDED USE. TWISTED WIRE HANGERS AND SUPPORTS ARE NOT ACCEPTABLE.
- F. DO NOT PULL CONDUCTORS INTO CONDUITS UNTIL ALL WORK WHICH MAY CAUSE DAMAGE TO THE WIRES IS COMPLETED. INSTALL WIRE AND CABLE LEGS SO AS NOT TO DAMAGE THE INSULATION OR CABLE SHEATH. PULL ALL CONDUCTORS TO BE INSTALLED D IN A RACEWAY TOGETHER.
- G. KEEP CONDUCTOR SPLICES TO A MINIMUM. PROVIDE SPLICES AND TAPS WITH AT LEAST THE EQUIVALENT MECHANICAL STRENGTH AND INSULATION AS THE CONDUCTORS. PROVIDE SPLICE AND TAP DEVICE OF THE PROPER SIZE AND TYPE FOR THE USE AND COMPATIBLE WITH THE CONDUCTOR MATERIAL.
- H. PROVIDE SUFFICIENT LENGTH OF CONDUCTORS WITHIN CABINETS AND CUTOUT BOXES TO NEATLY TRAIN THE CONDUCTOR TO THE TERMINAL POINT WITH NO EXCESS. FASTEN THE CABLES TOGETHER IN NEAT BUNDLES WHEN THERE ARE MANY CONDUCTORS.
- I. PROVIDE FIRE RESISTANT COMPOUND TO RESTORE FIRE AND SMOKE RATING WHEN PENETRATING A RATED WALL OR CEILING.
- J. **A NEUTRAL SHALL BE PROVIDED FOR EACH SINGLE POLE CIRCUIT. SHARING OF NEUTRALS IS NOT PERMITTED.**
- K. LIGHTING FIXTURES SHALL NOT BE USED FOR BRANCH CIRCUIT THROUGH WIRING.
5. EQUIPMENT MOUNTING
- A. INSTALL EQUIPMENT AS INDICATED OR AS APPROPRIATE. PROVIDE FASTENERS OR SUPPORTS SUFFICIENT IN SIZE AND QUANTITY TO SUBSTANTIALLY SECURE THE EQUIPMENT IN PLACE. TO THE BUILDING STRUCTURE OR STRUCTURAL ELEMENT.
- B. INSTALL THE EQUIPMENT PLUMB AND TRUE AS INTENDED AND SECURE. WHEN SEVERAL ITEMS OF EQUIPMENT ARE WALL OR RACK MOUNTED IN THE SAME AREA, LINE THEM UP VERTICALLY AND HORIZONTALLY ALONG WITH ANY ASSOCIATED RACEWAYS.
6. SLEEVES
- A. WHERE ELECTRICAL CONDUITS PASS THROUGH WALLS, ROOFS, CEILING, OR FLOORS, SET SLEEVES FOR THEM WHEN THE FLOORS, WALLS, CEILING OR ROOFS ARE CONSTRUCTED. IF ANY HOLES ARE CUT IN FINISHED WORK WHERE SLEEVES HAVE BEEN OMITTED, USE A CONCRETE CORING MACHINE OR OTHER APPROVED METHOD AND ONLY WITH WRITTEN CONSENT OF THE ARCHITECT. CUT ALL SUCH HOLES CAREFULLY, NO LARGER THAN NECESSARY. COVER THESE HOLES ENTIRELY BY ESCUTCHEON PLATES WHEN WORK IS COMPLETED. PROVIDE SLEEVES MADE OF STEEL NO LIGHTER THAN 18 GAUGE. PROVIDE FIRE SEAL COMPOUNDS TO MAINTAIN WALL OR FLOOR RATING.
- B. WHERE CONDUITS PASS THROUGH SLEEVES IN EXTERIOR WALLS, CAULK THE ANNULAR SPACE WITH OAKUM AND FILL INSIDE AND OUT WITH A NON-HARDENING, WATERPROOF SEALANT FINISHED OFF FLUSH WITH BOTH FACES OF THE WALL.
7. CUTTING AND PATCHING
- A. CUT WALLS, FLOORS, PAVEMENT, SIDEWALKS, SOD ETC., AS REQUIRED FOR THE ELECTRICAL INSTALLATION, UNLESS OTHERWISE INDICATED. PATCH AND REFINISH TO MATCH ADJACENT SURFACES AND IN ACCORDANCE WITH THE OTHER DIVISIONS OF THE SPECIFICATIONS.
8. PROTECTION OF EQUIPMENT
- A. DURING CONSTRUCTION, PROTECT ALL EQUIPMENT FROM INSULATION MOISTURE ABSORPTION AND METALLIC COMPONENT CORROSION BY APPROPRIATE USE OF STRIP HEATERS, LAMPS, COVERINGS, OR OTHER SUITABLE MEANS. APPLY PROTECTION IMMEDIATELY UPON RECEIVING THE PRODUCTS AND MAINTAIN CONTINUALLY.
- B. KEEP PRODUCTS CLEAN BY ELEVATING ABOVE GROUND OR FLOOR AND BY USING SUITABLE COVERINGS. TAKE SUCH PRECAUTIONS AS ARE NECESSARY TO PROTECT APPARATUS AND MATERIALS FROM DAMAGE, FAILURE TO PROTECT MATERIALS IS SUFFICIENT CAUSE FOR REJECTION OF THE APPARATUS OR MATERIAL IN QUESTION.
- C. PROTECT FACTORY FINISH FROM DAMAGE DURING CONSTRUCTION OPERATIONS AND UNTIL ACCEPTANCE OF THE PROJECT. SATISFACTORILY ANY FINISHES THAT BECOME STAINED OR DAMAGED.



FRANKLIN COUNTY
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19001 Drawn By: CAH
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ELECTRICAL
SPECIFICATIONS

Tallahassee Florida

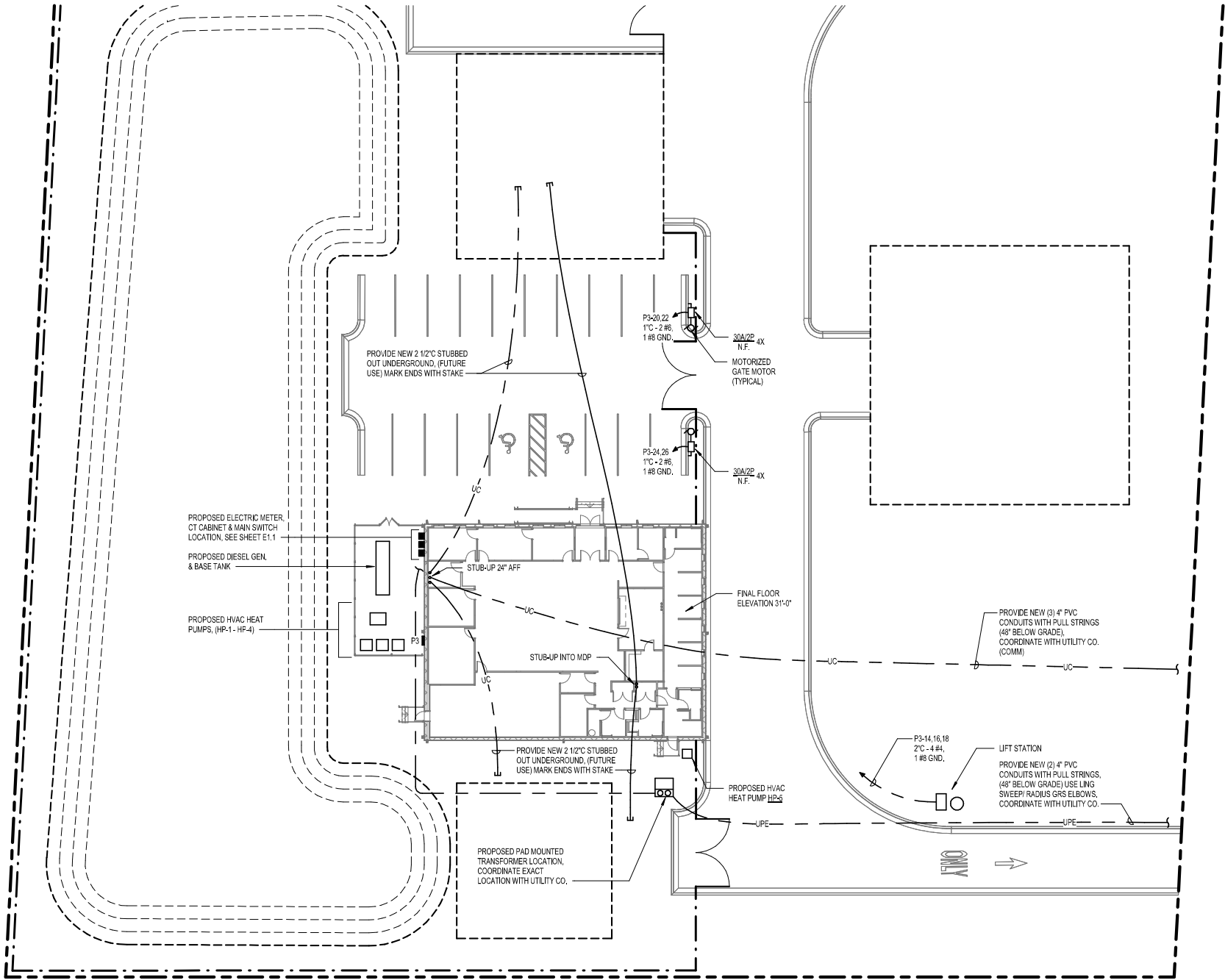
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ENGINEERING BUSINESS NO. 9793

222-119.01



1 SITE- PLAN - ELECTRICAL
SCALE: 1" = 20'-0"



NOTE:
ALL ELECTRICAL EQUIPMENT/ ITEMS SHALL BE MOUNTED A MINIMUM ELEVATION OF 31'-0" TO BOTTOM OF ELECTRICAL EQUIPMENT, (HIGHER MOUNTING IS ACCEPTABLE AS LONG AS N.E.C. ACCESS IS MAINTAINED.) (NOTE GRADE AROUND BUILDING IS 27'-0" TO 28'-0").



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SITE PLAN -
ELECTRICAL

Tallahassee Florida

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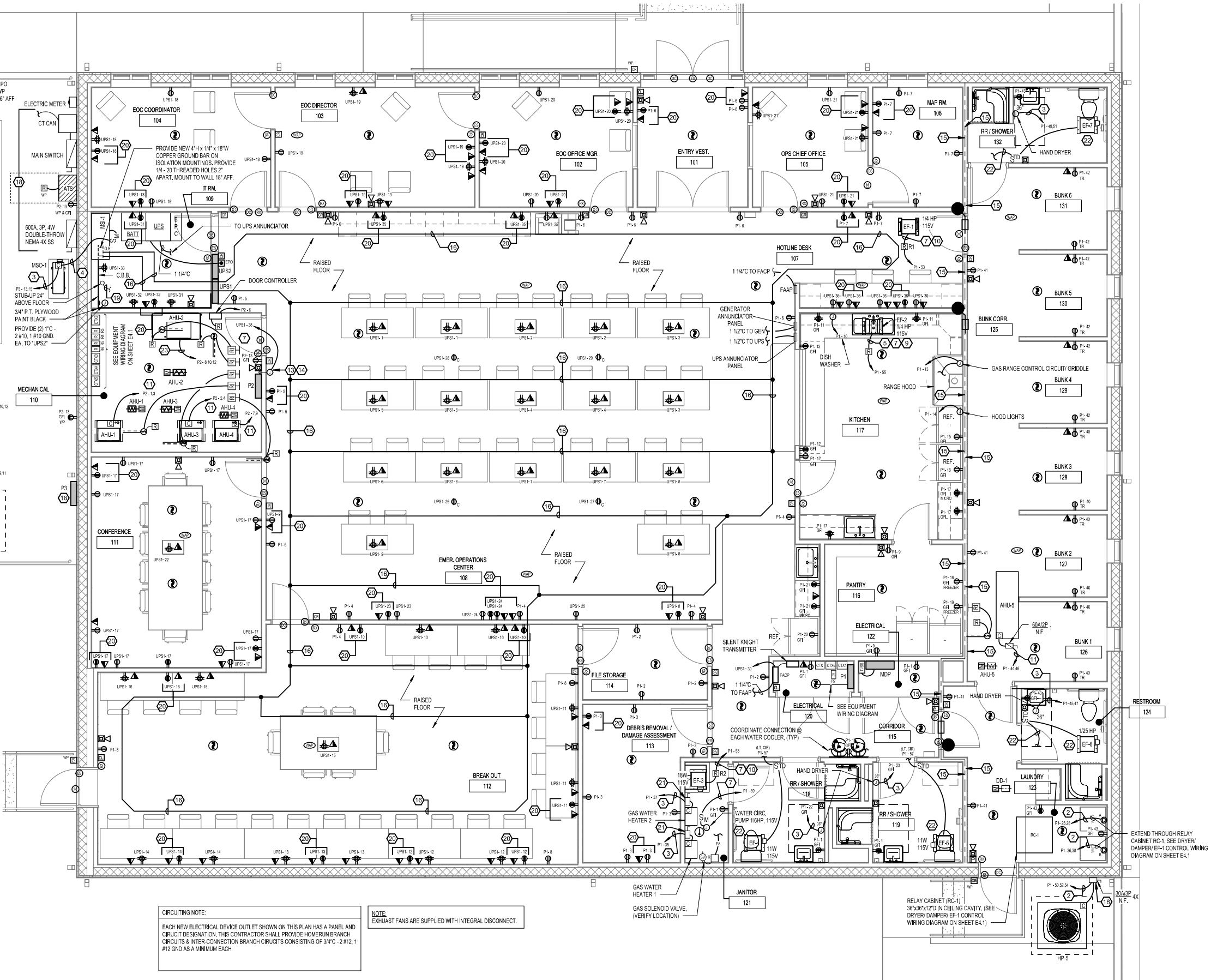
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- ELECTRICAL WORK NOTES:
- 1 PROVIDE NEW 3/4" - 3 #8, 1#10 GND.
 - 2 PROVIDE NEW 3/4" - 3 #10, 1 #10 GND.
 - 3 PROVIDE NEW 3/4" - 2 #10, 1 #10 GND.
 - 4 PROVIDE NEW 3/4" - 3 #12, 1 #12 GND.
 - 5 EF IS PROVIDED WITH INTEGRAL DISCONNECT SWITCH. CONNECT TO CONTROL EF VIA ROOM LIGHTING CIRCUIT VIA AUX. 20A RELAY.
 - 6 PROVIDE NEW 30A/2P NON-FUSED NEMA 1 SAFETY SWITCH.
 - 7 PROVIDE NEW 3/4" - 2 #12 GND.
 - 8 PROVIDE NEW 30A/2P NEMA 4X S.S. NON-FUSED SAFETY SWITCH.
 - 9 EXTEND CIRCUIT THROUGH RELAY IN ROOM LIGHTING CONTROLLER. D2 (CONTROL CIRCUIT)
 - 10 SEE EQUIPMENT WIRING DIAGRAM.
 - 11 PROVIDE 3/4" - 2 #8, 1 #10 GND.
 - 12 PROVIDE 1" - 2 #6, 1 #8 GND.
 - 13 PROVIDE NEW VEEDER-ROOTE FUEL MONITORING SYSTEM TLS-450 PLUS OR APPROVED EQUAL.
 - 14 PROVIDE NEW SENSOR PROBE CABLES TO GENERATOR DIESEL FUEL TANK PROBES.
 - 15 THIS WALL IS RATED. ALL OUTLET BOXES, FIRE ALARM DEVICE BOXES, THERMOSTAT BOXES AND LIGHTING CONTROL DEVICES SHALL BE COMPLETELY WRAPPED ON THE BACK AND SIDES WITH 3/8" FIRE BARRIER PUTTY PADS TO MAINTAIN WALL RATING
 - 16 PROVIDE RAISED FLOOR GROUNDING CONDUCTOR CONSISTING OF #10 COPPER WIRE CONNECTED TO METAL RAISED FLOOR SUPPORTS AT 10'-0" INTERVALS. LOOP CONDUCTOR AROUND PERIMETER OF RAISED FLOOR AREA, FROM COPPER GROUND BAR IN UPS ROOM.
 - 17 PROVIDE NEW STEEL REINFORCED CONCRETE PAD FOR NEW GENERATOR AND DIESEL FUEL TANK. TOP OF PAD SHALL BE EQUAL TO TOP BLD SLAB ELEVATION 31'-0".
 - 18 ALL ELECTRICAL EQUIPMENT/ITEMS SHALL BE MOUNTED A MINIMUM ELEVATION OF 31'-0" TO BOTTOM OF ELECTRICAL EQUIPMENT (HIGHER MOUNTING IS ACCEPTABLE AS LONG AS N.E.C. ACCESS IS MAINTAINED. NOTE: GRADE AROUND BUILDING IS 27'-0" TO 28'-0".
 - 19 PROVIDE NEW (3) 4" PVC CONDUITS WITH PULL STRINGS UNDERGROUND TO PROPERTY LINE. COORDINATE WITH UTILITY.
 - 20 PROVIDE DUPLEX RECEPTACLE AND DATA OUTLET 12" BELOW CEILING FOR OWNER INSTALLED TV.
 - 21 PROVIDE 30A/2P NEMA 1 NON-FUSED SAFETY SWITCH.
 - 22 EF IS PROVIDED WITH INTEGRAL DISCONNECT SWITCH. CONNECT TO ROOM LIGHTING CIRCUIT.
 - 23 PROVIDE NEW 1" - 3 #6, 1#10 GND.

CIRCUITING NOTE:
EACH NEW ELECTRICAL DEVICE OUTLET SHOWN ON THIS PLAN HAS A PANEL AND CIRCUIT DESIGNATION. THIS CONTRACTOR SHALL PROVIDE HOMERUN BRANCH CIRCUITS & INTER-CONNECTION BRANCH CIRCUITS CONSISTING OF 3/4" - 2 #12, 1 #12 GND AS A MINIMUM EACH.

NOTE:
EXHAUST FANS ARE SUPPLIED WITH INTEGRAL DISCONNECT.

1 FLOOR PLAN - POWER & SYSTEMS
SCALE: 1/4" = 1'-0"



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FLOOR PLAN -
POWER & SYSTEMS

Tallahassee Florida
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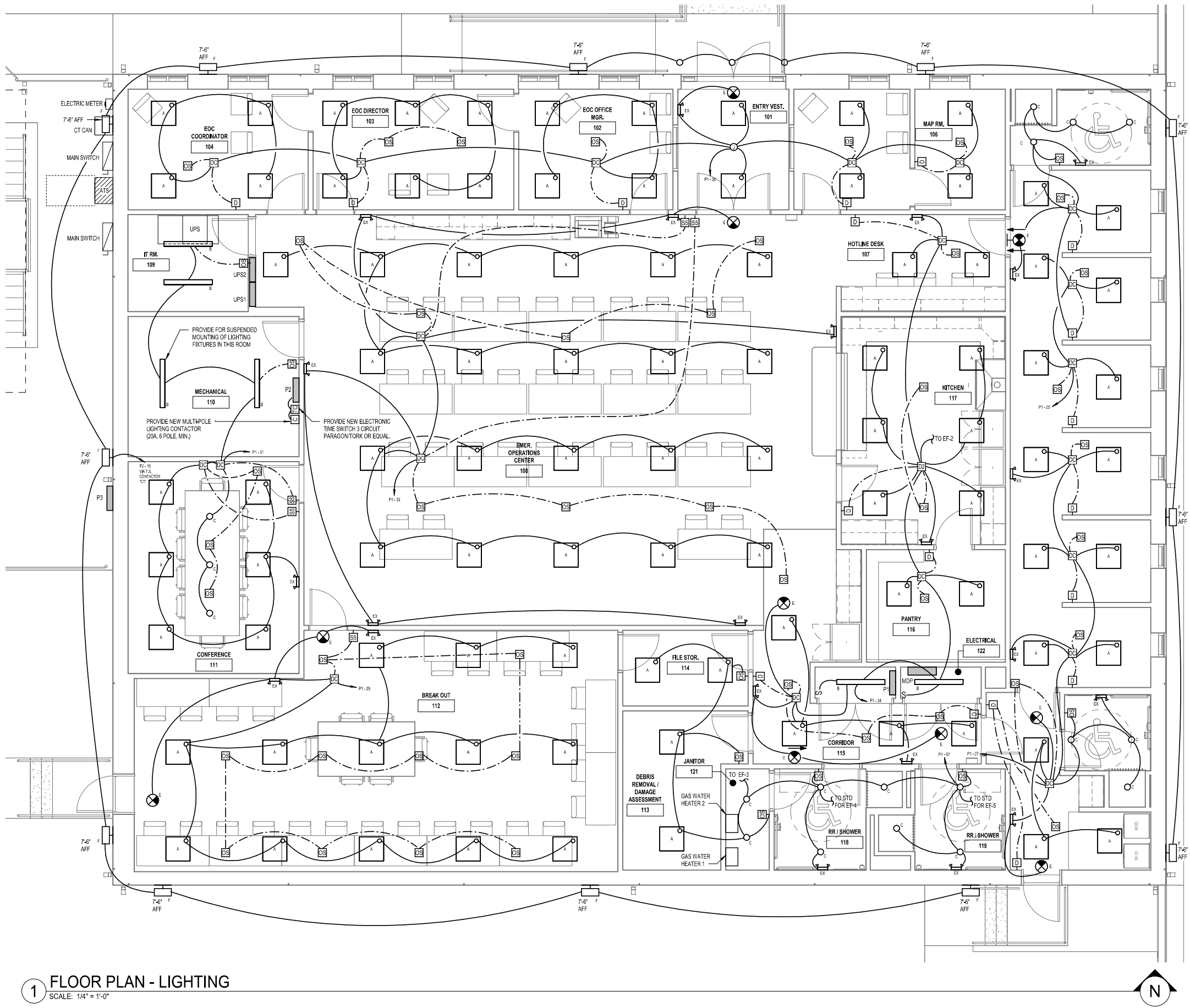
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Lighting Fixture Schedule									
TYPE	DESCRIPTION	MANUFACTURER	MODEL	INITIAL COLOR TEMPERATURE	WATTAGE	VOLTAGE	LAMP	COMMENTS	
A	2'X2' LED TROFFER, 4200 LU	DAYBRITE	25BP3040LBC52UN/DM	4000K	36 W	120 V	LED	1-3	
B	SURFACE STRIP 4', 5000LU	WILLIAMS	7554L50840WG75	4000K	33 W	120 V	LED	1-3	
C	WET LOC. RECESSED, 2200 LU	LITON	LHFRLD328UED10CRRL22WWT-40	4000K	27 W	120 V	LED	1-3	
E	BATTERY PACK EXT. SIGN	CHLORIDE	CLCNRW	N/A	4 W	120 V	LED	1-3	
EX	BATTERY PACK WALL MOUNTED LIGHT	CHLORIDE	CLUNW	N/A	4 W	120 V	LED	1-3	
F	EXTERIOR WALL PACK	STONCO	WP100SCTG210B2	4000K	100 W	120 V	LED	1-4	
G	4" ENCLOSED GASKETED IP 65 LED	WILLIAMS	974L50840FR	4000K	60 W	120 V	LED	1,2,4	

- NOTES:
- THIS CONTRACTOR SHALL VERIFY ALL FIXTURE/CIRCUIT VOLTAGES PRIOR TO ORDERING FIXTURES.
 - THIS CONTRACTOR SHALL VERIFY ALL CEILING FINISHES AND PROVIDE TIMING SUPPORTING MEANS APPROPRIATE TO EACH TYPE CEILING.
 - THIS CONTRACTOR SHALL VERIFY FIXTURE RECESSING DEPTH WITH ACTUAL FIELD CONDITIONS AND NOTIFY ARCHITECT/ENGINEER WHERE CONFLICTS EXIST, IP65 RATED.
 -

NOTE:
UNLESS OTHERWISE NOTED, ALL LIGHTING BRANCH CIRCUITS SHALL CONSIST OF 3/4" - 2 #12, 1 #12 GND. PROVIDE AN ADDITIONAL 2 #16 CU. CONDUCTORS FOR 0-10V DIMMING TO LIGHTING FIXTURES CONNECTED TO A DIMMING TYPE ROOM CONTROLLER [DC].

NOTE:
EXIT SIGNS & EMERGENCY LIGHT FIXTURES SHALL BE CONNECTED TO ROOMS LIGHTING CIRCUIT AHEAD OF LIGHTING CONTROL DEVICES.



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



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FLOOR PLAN -
LIGHTING

Tallahassee

Florida



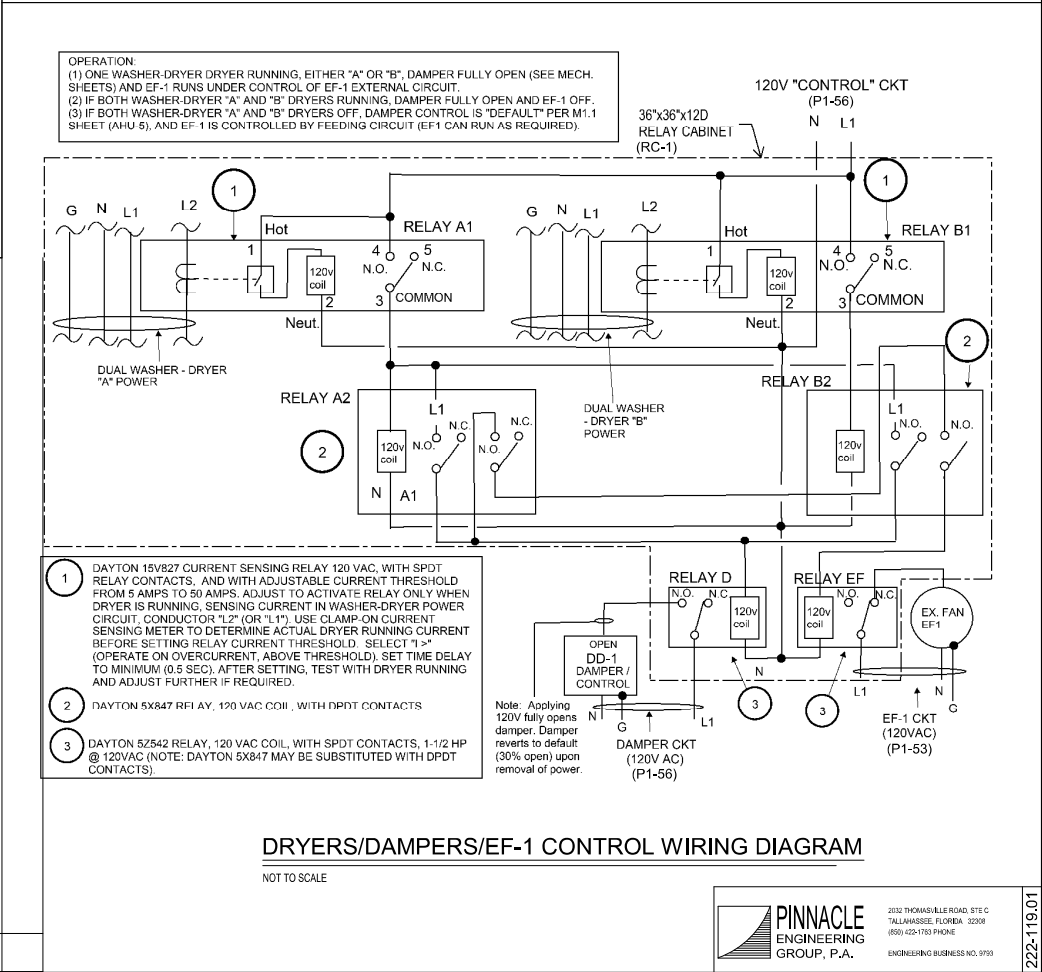
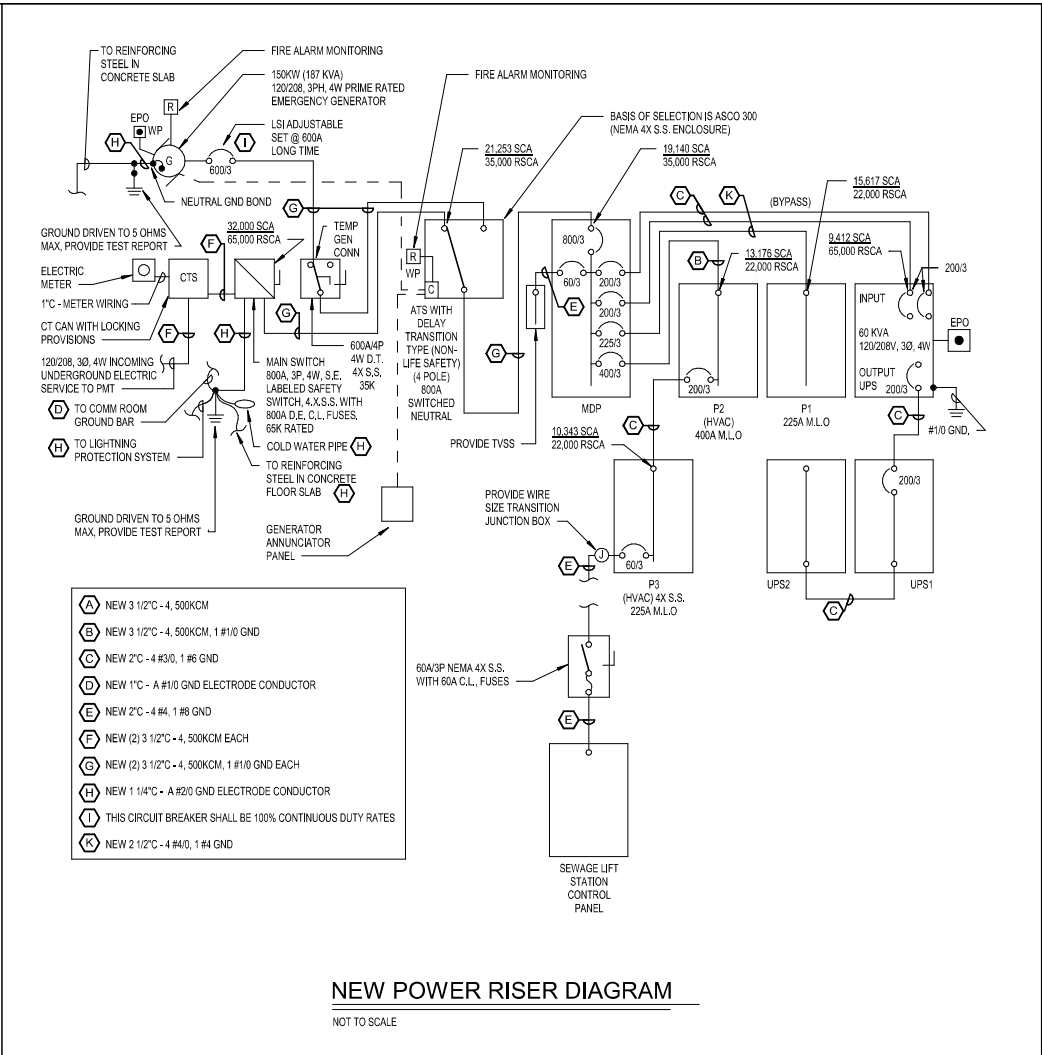
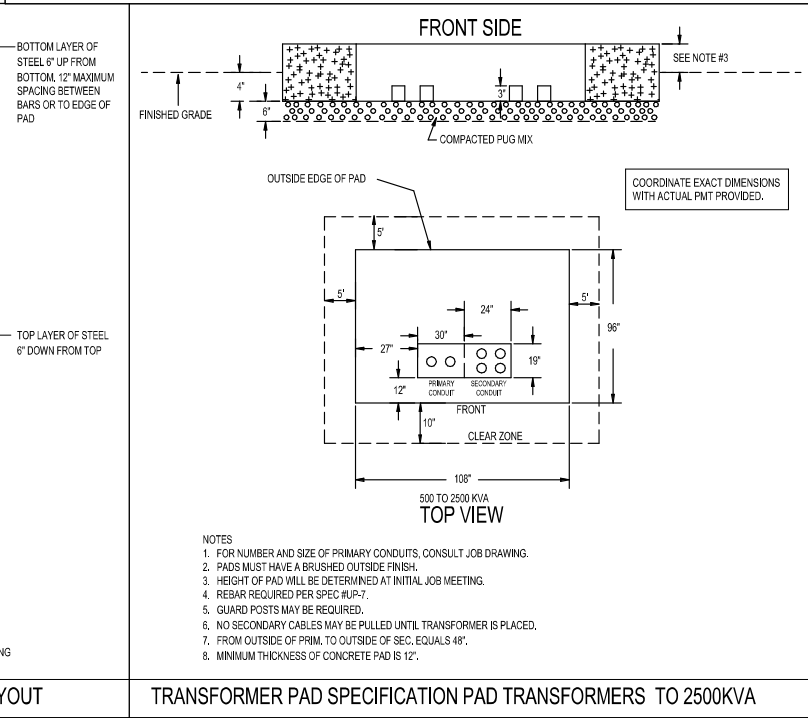
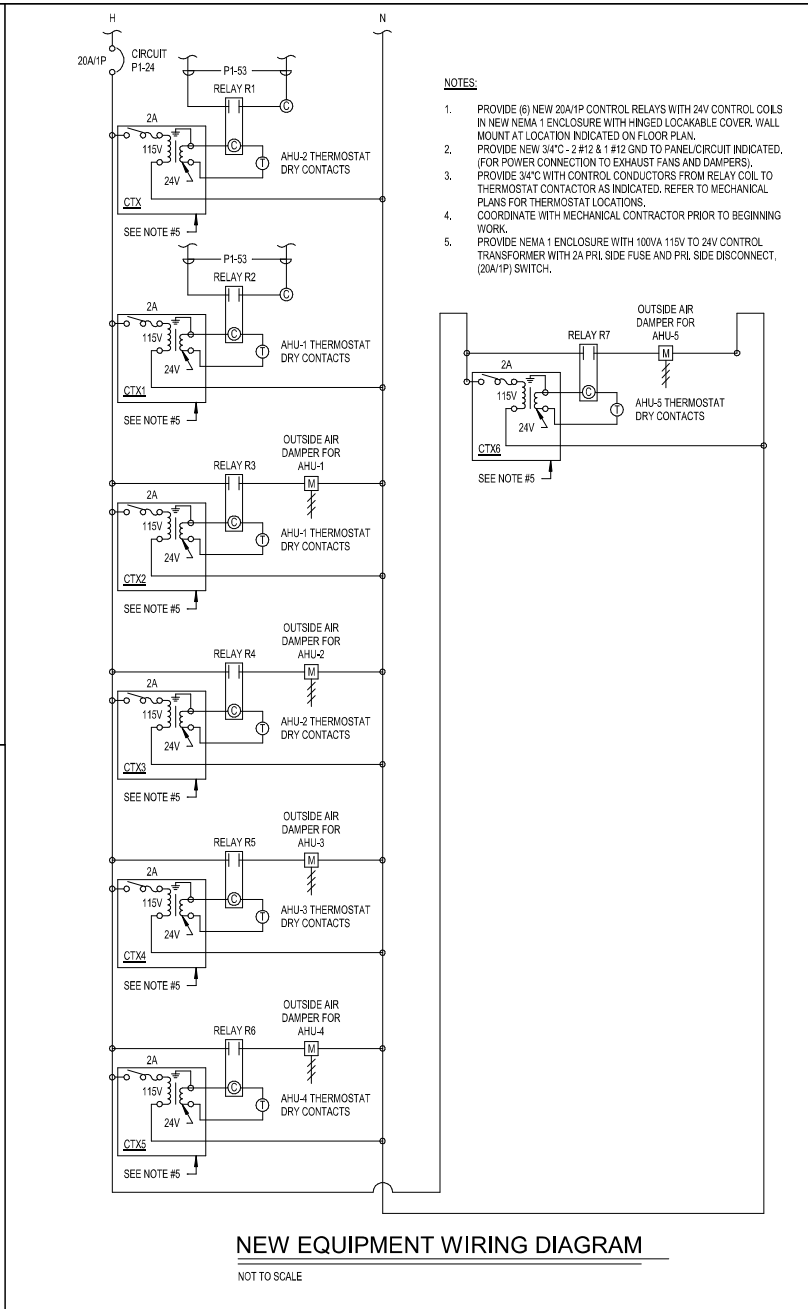
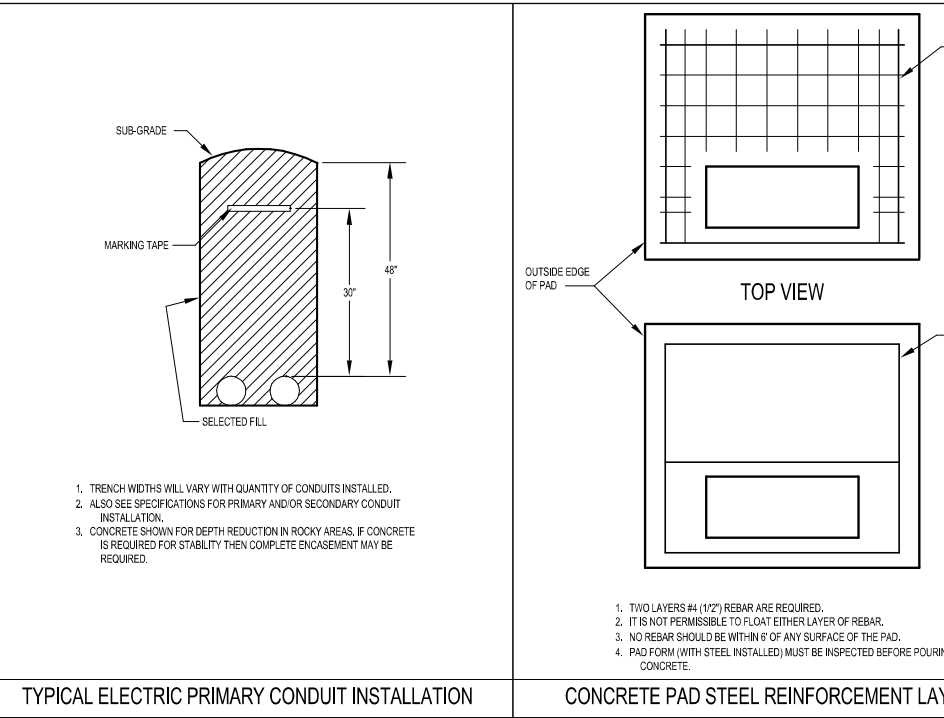
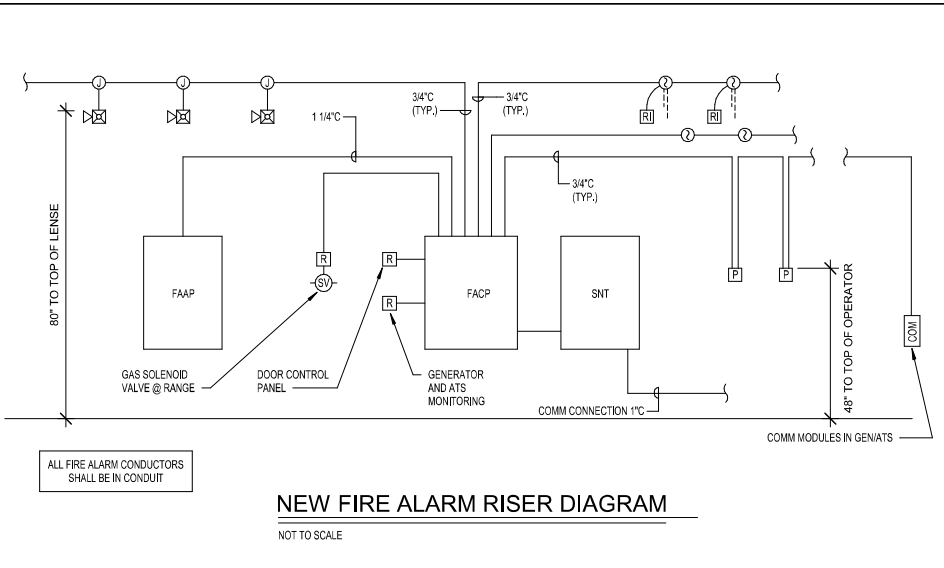
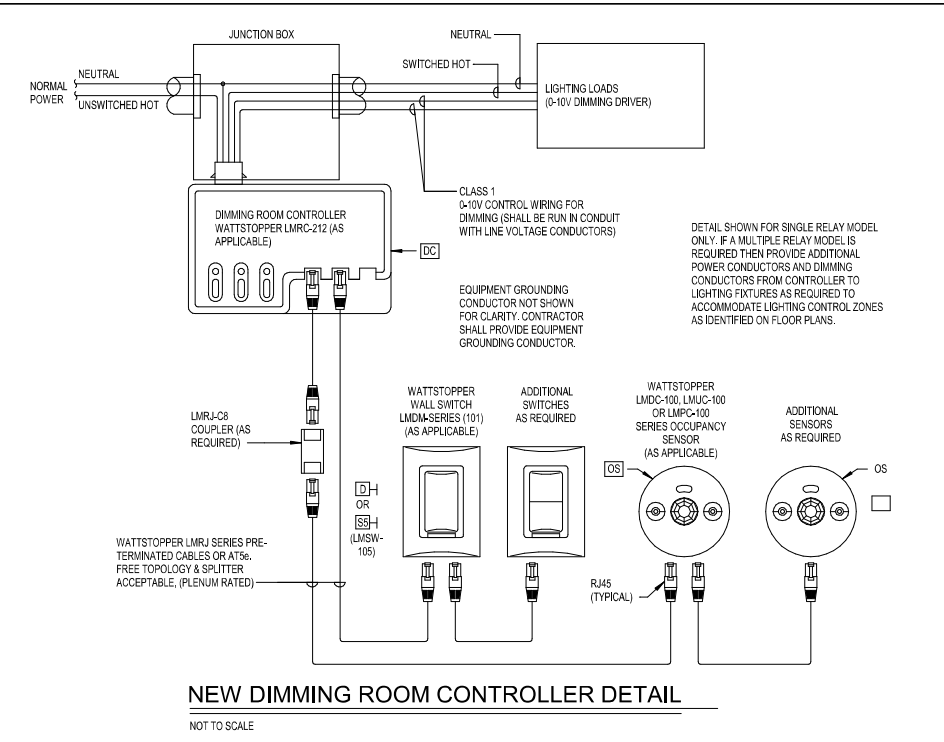
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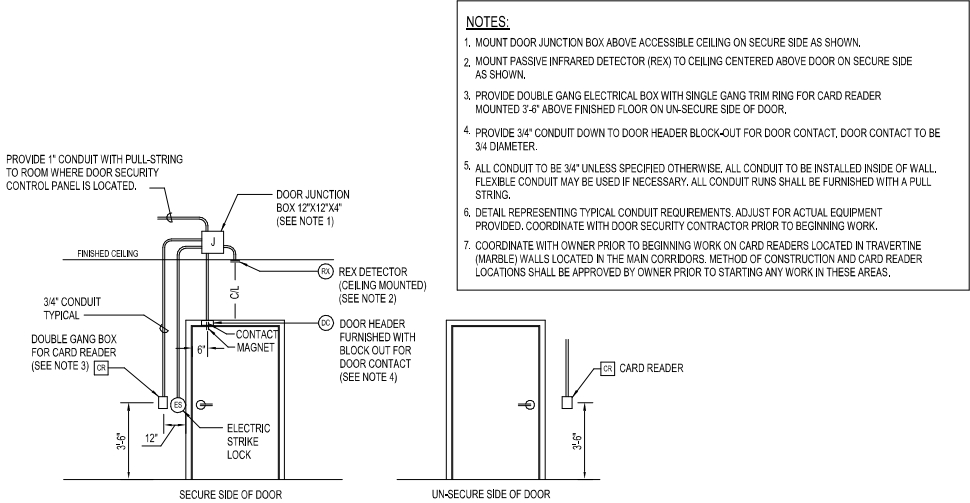
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Panel: UPS2															
Location: IT RM, 109					Volts: 120/208 Wye					A.I.C. Rating: 22,000					
Supply From: UPS					Phases: 3					Mains Type: MLO					
Mounting: Recessed					Wires: 4					Mains Rating: 225 A					
Enclosure: Type 1															
CK T	Circuit Description	Note	Trip	Pole	A (kVA)	B (kVA)	C (kVA)	A (kVA)	B (kVA)	C (kVA)	Pole	Trip	Note	Circuit Description	CK T
1	Spare		20 A	1	0.00			0.00			1	20 A		Spare	2
3	Spare		20 A	1		0.00			0.00		1	20 A		Spare	4
5	Spare		20 A	1			0.00			0.00	1	20 A		Spare	6
7	Spare		20 A	1	0.00			0.00			1	20 A		Spare	8
9	Spare		20 A	1		0.00			0.00		1	20 A		Spare	10
11	Spare		20 A	1			0.00			0.00	1	20 A		Spare	12
13	Spare		20 A	1	0.00						1	—		Space	14
15	Space		--	1		--		--		--	1	—		Space	16
17	Space		--	1			--			--	1	—		Space	18
19	Space		--	1		--		--		--	1	—		Space	20
21	Space		--	1		--		--		--	1	—		Space	22
23	Space		--	1			--			--	1	—		Space	24
25	Space		--	1		--		--		--	1	—		Space	26
27	Space		--	1		--		--		--	1	—		Space	28
29	Space		--	1			--			--	1	—		Space	30
31	Space		--	1		--		--		--	1	—		Space	32
33	Space		--	1		--		--		--	1	—		Space	34
35	Space		--	1			--			--	1	—		Space	36
37	Space		--	1		--		--		--	1	—		Space	38
39	Space		--	1		--		--		--	1	—		Space	40
41	Space		--	1			--			--	1	—		Space	42
					Phase A	Phase B	Phase C								
Total Load:					0.00 kVA	0.00 kVA	0.00 kVA								
Total Amps:					0 A	0 A	0 A								
Load Classification				Connected Load	Demand Factor	Estimated Demand	Panel Totals								
							Total Conn. Load:				0.00 kVA				
							Total Est. Demand:				0.00 kVA				
							Total Conn.:				0 A				
							Total Est. Demand:				0 A				
Notes:															

Panel: UPS1															
Location: IT RM, 109						Volts: 120/208 Wye						A.I.C. Rating: 22,000			
Supply From: UPS						Phases: 3						Mains Type: MCB			
Mounting: Recessed						Wires: 4						Mains Rating: 200 A			
Enclosure: Type 1															
CK T	Circuit Description	Note	Trip	Pole	A (kVA)	B (kVA)	C (kVA)	A (kVA)	B (kVA)	C (kVA)	Pole	Trip	Note	Circuit Description	CK T
1	RCPT EMER, OPER, CENTER 108		20 A	1	0.72			0.72			1	20 A		RCPT EMER, OPER, CENTER 108	2
3	RCPT EMER, OPER, CENTER 108		20 A	1		0.72			0.72		1	20 A		RCPT EMER, OPER, CENTER 108	4
5	RCPT EMER, OPER, CENTER 108		20 A	1			0.72			0.72	1	20 A		RCPT EMER, OPER, CENTER 108	6
7	RCPT EMER, OPER, CENTER 108		20 A	1	0.72			0.90			1	20 A		RCPT EMER, OPER, CENTER 108	8
9	RCPT EMER, OPER, CENTER 108		20 A	1		0.54			1.08		1	20 A		RCPT BREAK OUT 112	10
11	RCPT BREAK OUT 112		20 A	1			0.90			1.08	1	20 A		RCPT BREAK OUT 112	12
13	RCPT BREAK OUT 112		20 A	1	0.90			0.90			1	20 A		RCPT BREAK OUT 112	14
15	RCPT BREAK OUT 112		20 A	1		0.36			0.90		1	20 A		RCPT BREAK OUT 112	16
17	RCPT CONFERENCE 111		20 A	1		2.16				1.26	1	20 A		RCPT EOC COORDINATOR 104	18
19	RCPT EOC DIRECTOR 103		20 A	1	1.62			1.62			1	20 A		RCPT EOC OFFICE MGR, 102	20
21	RCPT OPS CHIEF OFFICE 105		20 A	1		1.44			0.36		1	20 A		RCPT CONFERENCE 111	22
23	RCPT EMER, OPER, CENTER 108		20 A	1			0.36			0.54	1	20 A		RCPT EMER, OPER, CENTER 108	24
25	RCPT EMER, OPER, CENTER 108		20 A	1	0.18			0.18			1	20 A		RCPT CEILING	26
27	RCPT CEILING		20 A	1		0.18			0.18		1	20 A		RCPT CEILING	28
29	RCPT CEILING		20 A	1			0.18			0.00	1	20 A		FACP	30
31	RCPT I.T, 109		20 A	1	0.54			0.54			1	20 A		RCPT I.T, 109	32
33	RCPT I.T, 109		20 A	1		0.36			0.00		1	20 A		Spare	34
35	RCPT EMER, OPER, CENTER 108		20 A	1			0.54			0.90	1	20 A		RCPT HOTLINE DESK 107	36
37	Spare		20 A	1	0.00			1.00			1	20 A		VEEDER ROOT FUEL SYSTEM	38
39	Spare		20 A	1		0.00			0.00		1	20 A		Spare	40
41	Spare		20 A	1			0.00			0.00	1	20 A		Spare	42
					Phase A	Phase B	Phase C								
					Total Load:	10.54 kVA	6.84 kVA	9.36 kVA							
					Total Amps:	91 A	57 A	81 A							
Load Classification					Connected Load	Demand Factor	Estimated Demand	Panel Totals							
Other					0.00 kVA	0.00%	0.00 kVA								
Receptacle					25.74 kVA	69.43%	17.87 kVA								
								Total Conn. Load: 26.74 kVA							
								Total Est. Demand: 18.87 kVA							
								Total Conn.: 74 A							
								Total Est. Demand: 52 A							
Notes:															

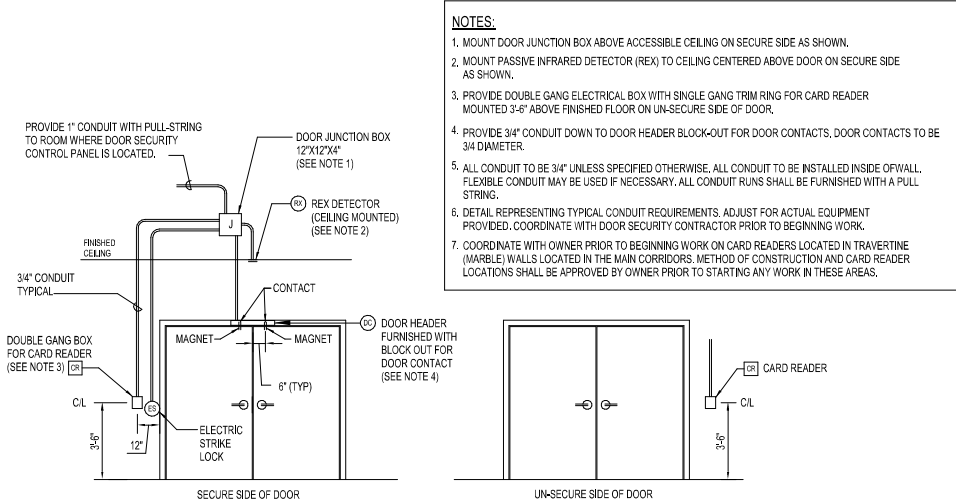
Panel: P3															
Location:					Volts: 120/208 Wye					A.I.C. Rating: 22,000					
Supply From: P2					Phases: 3					Mains Type: MLO					
Mounting: Surface					Wires: 4					Mains Rating: 225 A					
Enclosure: Type 4X SS.															
CKT	Circuit Description	Note	Trip	Pole	A (kVA)	B (kVA)	C (kVA)	A (kVA)	B (kVA)	C (kVA)	Pole	Trip	Note	Circuit Description	CKT
1	HP-1	25 A	3		1.90			1.90			3	35 A		HP-3	2
				1.90			1.90			4					
					1.90			1.90							6
5															8
9	HP-4	25 A	3		1.90			3.84			3	45 A		HP-2	10
				1.90			3.84			12					
					1.90			3.84							12
13	MSO-1 & MSI-1	30 A	2		1.50			2.00			3	60 A		SEWEGE LIFT STATION	14
					1.50			2.00							16
17	GEN BATTERY CHARGER	20 A	1			0.60				2.00	2	20 A		GATE MOTOR	20
19	GEN JACKET HEATER	20 A	2	1.00			2.00								22
21					1.00			2.00							24
23	Space	--	1			--				2.00	2	20 A		GATE MOTOR	26
25	Space	--	1	--											28
27	INTERSITIAL LIGHTS	1	20 A	1		0.90		0.00		1					20 A
29	INTERSITIAL RECEPTACLES	1	20 A	1			0.72			0.00	1	20 A		Spare	32
31	Space	--	1	--			--				1	--		Space	34
33	Space	--	1	--	--			--			1	--		Space	36
35	Space	--	1	--		--			--		1	--		Space	38
37	Space	--	1	--	--		--		--		1	--		Space	36
39	Space	--	1	--	--		--		--		1	--		Space	40
41	Space	--	1	--	--		--		--		1	--		Space	42
					Phase A		Phase B		Phase C						
Total Load:					18.04 kVA		16.94 kVA		14.86 kVA						
Total Amps:					153 A		144 A		124 A						
Load Classification				Connected Load	Demand Factor		Estimated Demand		Panel Totals						
HVAC				26.82 kVA	100.00%		26.82 kVA								
Lighting - General				0.90 kVA	125.00%		1.13 kVA		Total Conn. Load: 49.84 kVA						
Other				3.00 kVA	100.00%		3.00 kVA		Total Est. Demand: 50.07 kVA						
Receptacle				0.72 kVA	100.00%		0.72 kVA		Total Conn.: 138 A						
									Total Est. Demand: 139 A						
Notes:															
THIS PANEL SHALL HAVE NEMA 4 X SS. LOCKABLE ENCLOSURE.															
1. GFCI CIRCUIT BREAKER															





SINGLE DOOR WITH CARD READER, ELECTRIC STRIKE AND REX DEVICE

NOT TO SCALE



DOUBLE DOOR WITH CARD READER, ELECTRIC STRIKE AND REX DEVICE

NOT TO SCALE

LIGHTNING PROTECTION GENERAL NOTES

1. BOND ALL METAL OBJECTS WITHIN 6'-0" OF CONDUCTORS AS PER CODE.
2. BOND ALL METAL OBJECTS WHICH PROJECT ABOVE ROOF TO LIGHTNING PROTECTION SYSTEM.
3. DOWN CONDUCTORS SHALL BE KEPT TO A MINIMUM OF 10 FT. FROM OTHER GROUND ELECTRODES AND METALLIC STRUCTURES INSIDE OR OUTSIDE THE BUILDING.
4. PVC CONDUITS CONTAINING LIGHTNING PROTECTION SYSTEM CONDUCTORS SHALL BE FREE OF ALL METAL SUPPORTS AND CLAMPS. USE NON-METALLIC STRAPS AND FASTENERS.
5. UPON COMPLETION OF LIGHTNING PROTECTION SYSTEM, THE CONTRACTOR SHALL FURNISH A MASTER LABEL AND A COPY OF AS-BUILT DRAWINGS FOR USE BY OWNER.
6. THIS CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UTILITIES AND OBSTRUCTIONS PRIOR TO THE INSTALLATION OF GROUNDING RODS. CONTRACTOR SHALL REPAIR SIDEWALKS TO ORIGINAL CONDITION OR BETTER. CONTRACTOR SHALL PROVIDE TEST WELLS FOR ACCESS TO GROUNDING ELECTRODES.
7. ALL WORK SHALL BE IN STRICT COMPLIANCE WITH N.F.P.A. 780, CLASS 1 AND CLASS 2 REQUIREMENTS.
8. ALL CONDUCTORS AND EQUIPMENT SHALL BE COPPER, (OR MATERIAL REQUIRED TO BE COMPATIBLE WITH LOCATION AND APPLICATION), AND COMPLY WITH N.F.P.A. 780, CLASS 1 AND CLASS 2 REQUIREMENTS, UNLESS NOTED OTHERWISE.
9. ALL WORK AND COMPONENTS SHALL BE TOTALLY COMPATIBLE WITH ROOFING SYSTEM.
10. THIS CONTRACTOR SHALL COORDINATE/VERIFY EXACT AIR TERMINAL TYPE AND MOUNTING WITH ACTUAL FIELD CONDITONS BEFORE ORDERING.
11. DOWN CONDUCTORS SHALL BE COPPER, PROVIDE BIMETAL CONNECTORS TO MAKE CONNECTIONS TO ALUMINUM ROOF CONDUCTORS. AS AN OPTION, THE VERTICAL COLUMNS MAY BE USED AS DOWN CONDUCTORS.
12. CLASS 1 MATERIAL MINIMUM REQUIREMENTS:

a. AIR TERMINALS SHALL BE SOLID ALUMINUM, 1/2" DIAMETER. THE TIP OF AN AIR TERMINAL SHALL NOT BE LESS THAN 10" ABOVE THE OBJECT OR AREA IT IS TO PROTECT.

b. MAIN DOWN CONDUCTOR CABLE SHALL BE STRANDED COPPER WITH A CROSS SECTIONAL AREA OF 115,000 CM.

c. MAIN ROOF CONDUCTOR SHALL BE COPPER WITH A CROSS SECTIONAL AREA OF 98,600 CM.

d. BONDING CONDUCTOR CABLE SHALL BE STRANDED COPPER WITH A CROSS SECTIONAL AREA OF 41,100 CM.
13. CLASS 2 MATERIAL MINIMUM REQUIREMENTS:

a. AIR TERMINALS SHALL BE SOLID ALUMINUM, 5/8" DIAMETER.

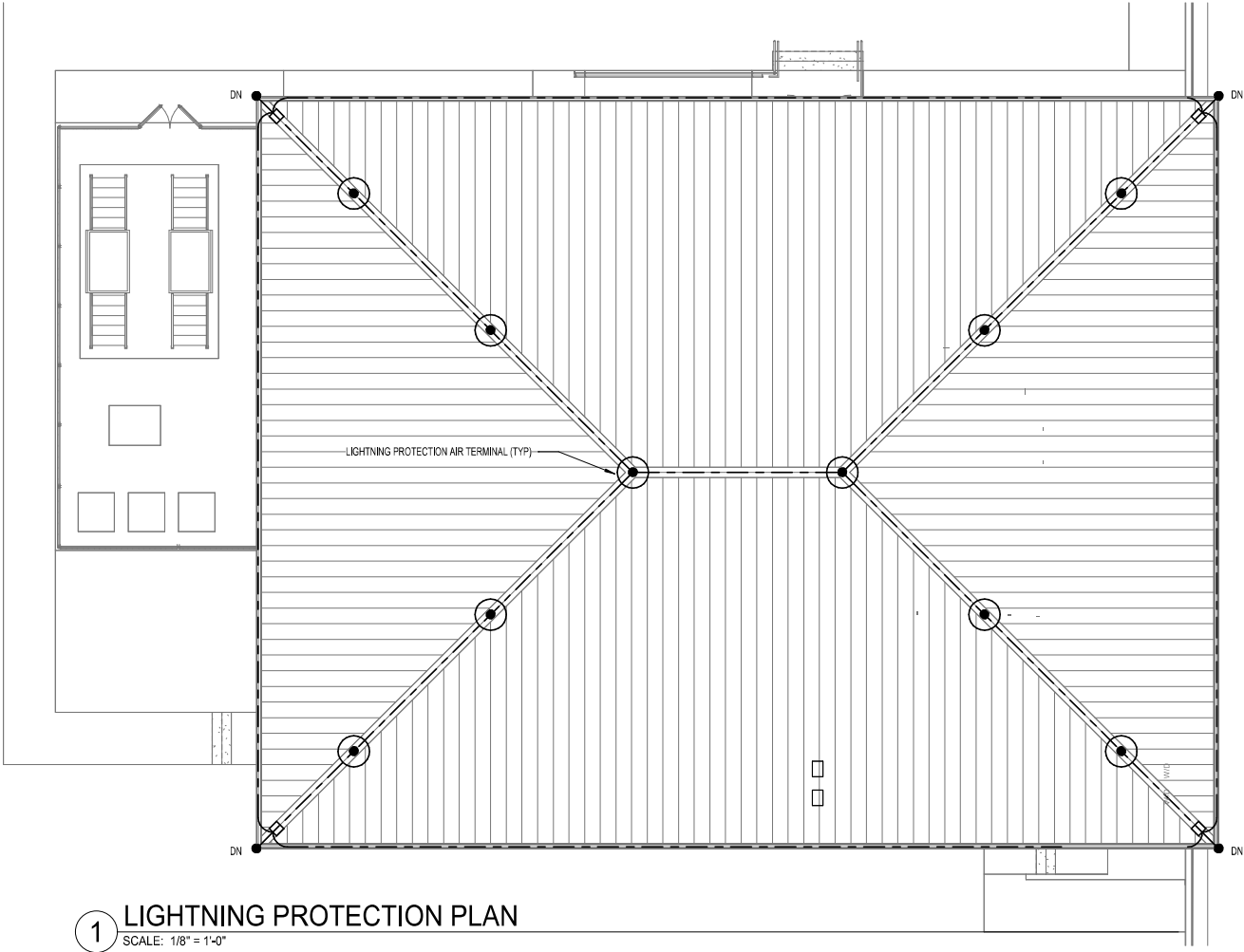
b. MAIN DOWN CONDUCTOR CABLE SHALL BE STRANDED COPPER WITH A CROSS SECTIONAL AREA OF 115,000 CM.

c. BONDING CONDUCTOR CABLE SHALL BE STRANDED COPPER WITH A CROSS SECTIONAL AREA OF 41,100 CM.
14. RADIUS BENDS SHALL NOT BE LEES THAN 8" OR TIGHTER THAN 90 DEGREES.
15. CABLE SUPPORTS SHALL BE PROVIDED AT NO MORE THAN 36" SPACING.

LIGHTNING PROTECTION SYSTEM LEGEND

- A

 PARAPET MOUNTED AIR TERMINAL WITH PERIMETER CONDUCTOR ROUTED SURFACE MOUNTED ON BACKSIDE OF PARAPET.
- PERIMETER CONDUCTOR CONNECTION TO BLDG. STEEL COLUMN AT UNDERSIDE OF ROOF.
- GROUND CONDUCTOR CONNECTION TO STEEL COLUMN. 8" SQ. INCH BONDING PLATE WELDED TO NEAR COLUMN BASE.
- CONDUCTOR TO GRD. ROD EXOTHERMIC CONNECTION. (5/8" X 10' ROD DRIVEN TO 11 FT. DEEP MINIMUM.)
- PERIMETER CONDUCTOR MOUNTED TO BACKSIDE OF PARAPET.
- PERIMETER CONDUCTOR ROUTED BELOW MAIN ROOF AND SUPPORTED TO STRUCTURE.
- SPLICE PLATE



FRANKLIN COUNTY
E.O.C.

19001 Drawn By: CAH
Project Code Checked By: RKF

17 APRIL 2026
Date

100%
CONSTRUCTION
DOCUMENTS

Revisions
△
△
△
△
△
△
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LIGHTNING
PROTECTION

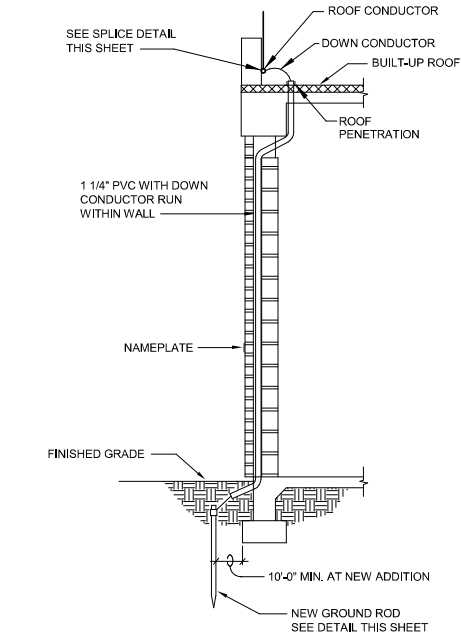
Tallahassee Florida

LP1.0

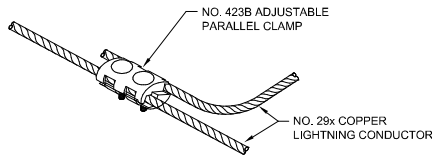
2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978



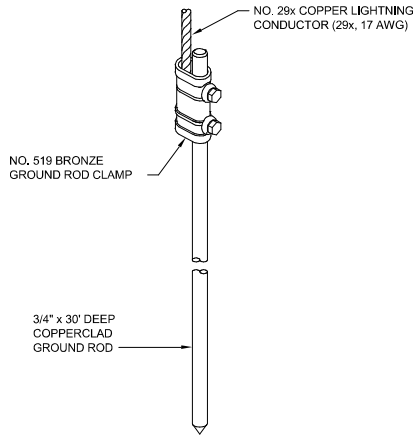
222-119.01



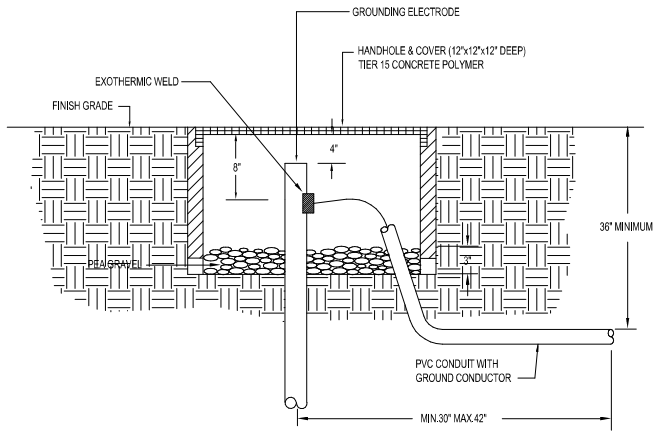
ELEVATION - TYPICAL DOWN CONDUCTOR
NOT TO SCALE



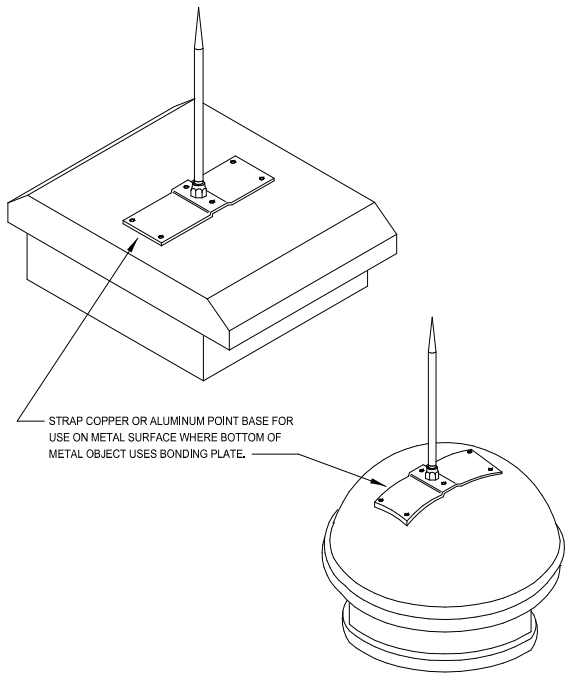
SPLICE DETAIL
NOT TO SCALE



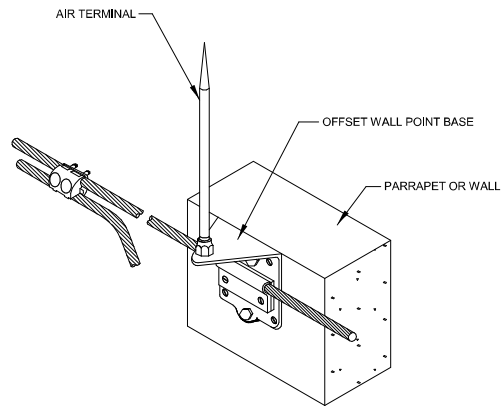
GROUND ROD DETAIL
NOT TO SCALE



GROUND ROD PVC INSPECTION ACCESS WELL
NOT TO SCALE



EXHAUST FAN MOUNTED AIR TERMINAL
NOT TO SCALE



OFFSET MOUNTED AIR TERMINAL
NOT TO SCALE



FRANKLIN COUNTY
E.O.C.

19001 Drawn By: CAH
Project Code Checked By: RKF
Date 17 APRIL 2026

100% CONSTRUCTION DOCUMENTS	
Revisions	
△	
△	
△	
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△	
△	

LIGHTNING
PROTECTION
DETAILS

Tallahassee Florida

LP2.0

2074 Centre Pointe Blvd, Suite #200, Tallahassee, FL 32308
Phone 850 224-6301 Fax 850 561-6978



2032 THOMASVILLE ROAD, STE C
TALLAHASSEE, FLORIDA 32308
(850) 424-1730 PHONE
ENGINEERING BUSINESS NO. 9793

222-119.01

12" W X 20" T CONT. FOOTER w/ (2) #5
CONT. BARS & #5 TRANSVERSE BARS @
16" O.C. (TYP. @ MECH. YARD PERIMETER)

12" W X 12" T CONT. FOOTER w/ (2) #5
CONT. BARS & #4 TRANSVERSE BARS
@ 16" O.C. (TYP. @ STAIR LANDING
PERIMETER & @ BOTTOM STAIR)

12" W X 28" T CONT. FOOTER w/ (2) #5
CONT. BARS & #3 TRANSVERSE BARS @
12" O.C. (TYP. @ STAIR LANDING SIDES)

18" W X 20" T CONT. FOOTER
w/ (3) #5 CONT. BARS & #5
TRANSVERSE BARS @ 16"
O.C. (TYP. @ PERIMETER)

12" W X 12" T CONC. GRADE BEAM w/ (2)
#5 BARS CONTINUOUS & #4
TRANSVERSE BARS @ 18" O.C. (TYP. @
INTERIOR GRADE BEAM LOCATIONS)

12" W X 12" T CONC. GRADE BEAM w/ (2)
#5 BARS CONTINUOUS & #4
TRANSVERSE BARS @ 18" O.C. (TYP. @
INTERIOR GRADE BEAM LOCATIONS)

12" W X 12" T CONC. GRADE BEAM w/ (2)
#5 BARS CONTINUOUS & #4
TRANSVERSE BARS @ 18" O.C. (TYP. @
INTERIOR GRADE BEAM LOCATIONS)

AT INTERIOR LOCATIONS, INSTALL
5" TH CONCRETE SLAB-ON-GRADE
(4000 psi MIN.) w/ #3 BARS @ 18" O.C.
EACH WAY (MID-HEIGHT). PLACE
OVER TREATED, COMPACTED FILL
(95% PROCTOR) WITH 4" MIN.
CRUSHED STONE BASE

12" W X 28" T CONT. FOOTER w/ (2) #5
CONT. BARS & #3 TRANSVERSE BARS @
12" O.C. (TYP. @ STAIR LANDING
SIDES)

12" W X 12" T CONT. FOOTER w/ (2) #5
CONT. BARS & #4 TRANSVERSE BARS
@ 16" O.C. (TYP. @ STAIR LANDING
PERIMETER & @ BOTTOM STAIR)

12" W X 12" T CONT. FOOTER w/ (2)
#5 CONT. BARS & #4 TRANSVERSE
BARS @ 16" O.C. (TYP. AGAINST
CMU WALL & @ STAIRS)

12" W X 28" T CONT. FOOTER w/
(2) #5 CONT. BARS & #3
TRANSVERSE BARS @ 12" O.C.
(TYP. @ STAIR LANDING SIDES)

FRAMING LEGEND

FT1416	14" FLOOR TRUSS w/ SOLID BLOCKED ENDS @ 16" O.C. BY TRUSS MANUFACTURER
B24	2 X 4 (OR) PSL BAND PER TRUSS MANUFACTURER (TYP.)

1 S1 FOUNDATION PLAN

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

FOUNDATION PLAN NOTES:

- SEE ARCH DRAWING FOR SLOPES, DRAINS OPENINGS AND FLOOR RECESSES
- SLAB ON GRADE SHALL BE MINIMUM 5" THICK CONC. SLAB w/ 6X6 #10 W.W.M. OR 3 PCF OF PROPEX FIBERMESH 650 FIBER REINFORCING OR APPROVED EQUAL OVER TREATED, COMPACTED FILL w/ 6 MIL. VAPOR BARRIER @ INTERIOR LOCATIONS (U.N.O.)
- SEE ARCH. DRAWING FOR DIMENSIONS NOT SHOWN. IF A CONFLICT EXISTS, THE ARCH. DIMENSIONS SHALL GOVERN. BOTH ENGINEER AND ARCHITECT OF RECORD SHALL BE NOTIFIED IN WRITING OF ALL CONFLICTS
- NO INTERIOR SUPPORTS SHOWN: TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS SHOWING ALL REQ'D INTERIOR LOAD BEARING LOCATIONS & THEIR ASSOCIATED LOADS. SCE SHALL PROVIDE REVISED PLAN SET FOR ALL ASSOCIATED SUPPORTS.
-  - INDICATES LOCATION OF LOAD BEARING 8 X 8 X 16 CMU WALL ALL CELLS FILLED (TYP.)
-  - INDICATES LOCATION OF 2 X 6 P.T. #2 S.P. BEARING PLATE PER DETAIL 8-S3
- SAW-CUT MECHANICAL YARD & INTERIOR SLAB-ON-GRADE @ 10' MAX. SPACING EACH WAY.

STRUCTURAL PLANS

FRANKLIN COUNTY EMERGENCY OPERATIONS CENTER

REVISIONS:

DATE	BY	ITEM

PROJECT NUMBER: 21-167-03

DESIGNED BY: B. BAUMGARDNER
DRAWN BY: B. BAUMGARDNER
CHECKED BY: J. HUSBAND
FOR: DEWBERRY ENGINEERS

DATE: 4/22/26

SHEET NO.

51

1
S2

ROOF FRAMING PLAN

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

FRAMING PLAN NOTES:

- TRUSS MANUFACTURER SHALL PROVIDE ANGLE BRACKET FOR ROOF TRUSS TO TOP OF CMU CONNECTION, SCE MAY PROVIDE BRACKET ANCHOR SPECIFICATIONS IS NECESSARY.
- NO INTERIOR SUPPORTS SHOWN: TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS SHOWING ALL REQ'D INTERIOR LOAD BEARING LOCATIONS & THEIR ASSOCIATED LOADS. SCE SHALL PROVIDE REVISED PLAN SET FOR ALL ASSOCIATED SUPPORTS.

ROOF FRAMING LEGEND

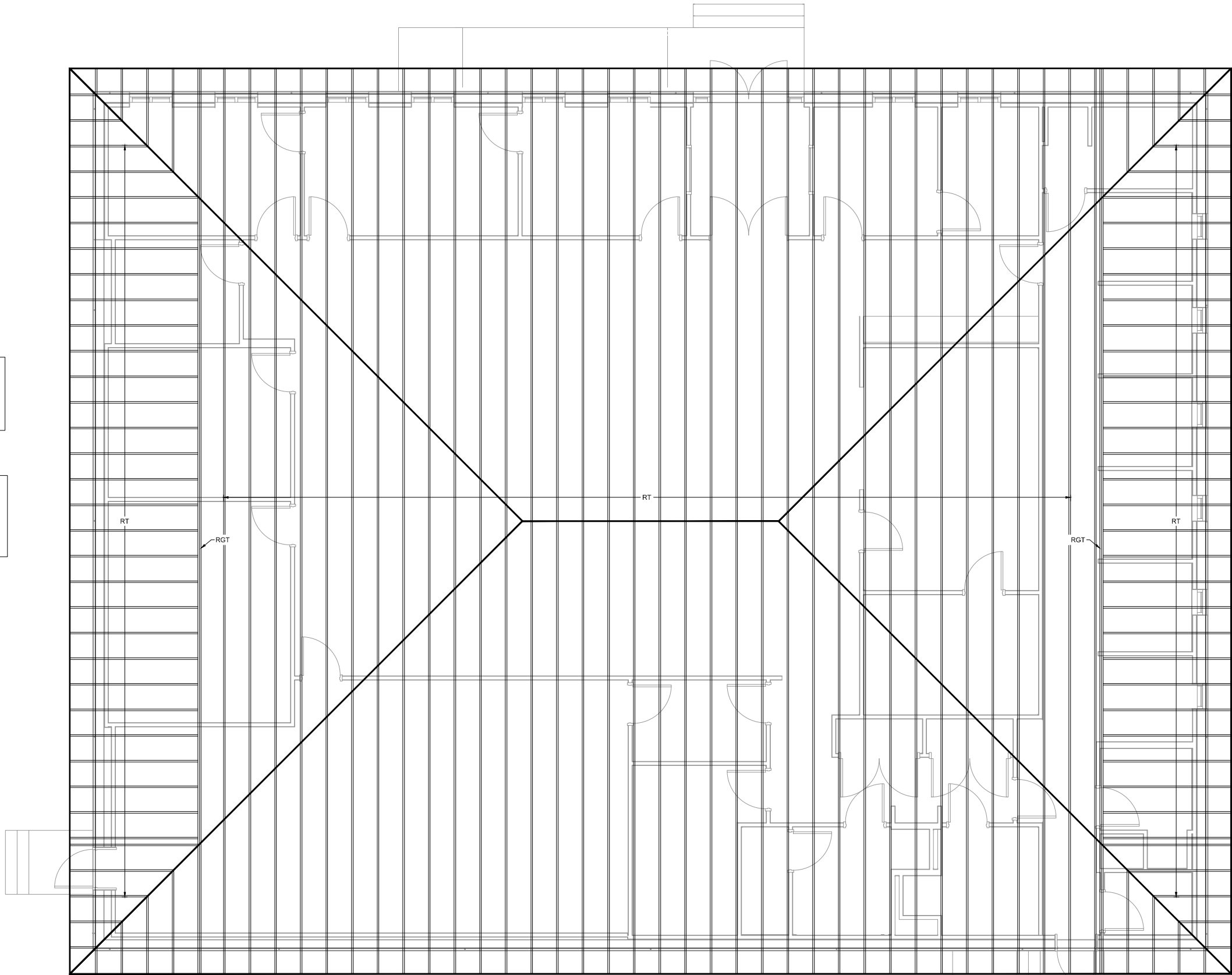
RT	PRE-ENGINEERED LIGHT-GAUGE METAL ROOF TRUSS @ 24" O.C. (MAX.)
RGT	PRE-ENGINEERED LIGHT-GAUGE METAL ROOF GIRDER TRUSS

GIRDER TRUSS NOTE:

SCE ANTICIPATES (4) INTERIOR GIRDER TRUSS BEARING LOCATIONS THROUGHOUT THE BUILDING. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS WITH ANTICIPATED GIRDER TRUSS END REACTIONS FOR SUPPLEMENTAL DESIGN. COORDINATE LOCATION WITH ARCHITECT.

TRUSS PLAN NOTES:

- IT IS THE RESPONSIBILITY OF THE TRUSS MFG. TO REPORT ANY DISCREPANCIES TO THE ENGINEER AND CONTRACTOR.
- TRUSS MFG. TO PROVIDE EXACT LAYOUT PRIOR TO CONSTRUCTION.
- ALL TRUSS TO TRUSS/GIRDER TRUSS CONNECTIONS BY TRUSS MANUFACTURER.
- TRUSS MFG. SHALL PROVIDE ROOF TRUSS TO TOP OF CMU ANGLE CONNECTION.



PROJECT NUMBER: 21-167-03

DESIGNED BY: B.BAUMGARDNER
DRAWN BY: B.BAUMGARDNER
CHECKED BY: J.HUSBAND
FOR: DEWBERRY ENGINEERS

DATE: 4/22/26

SHEET NO.

S2

REVISIONS:

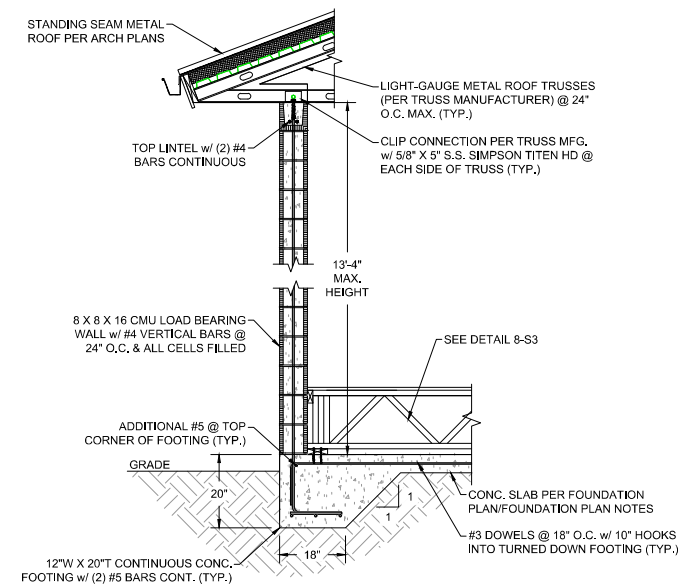
DATE	BY	ITEM

STRUCTURAL PLANS

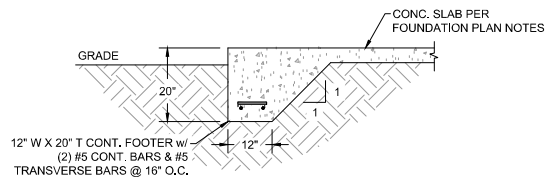
FRANKLIN COUNTY EMERGENCY OPERATIONS
CENTER



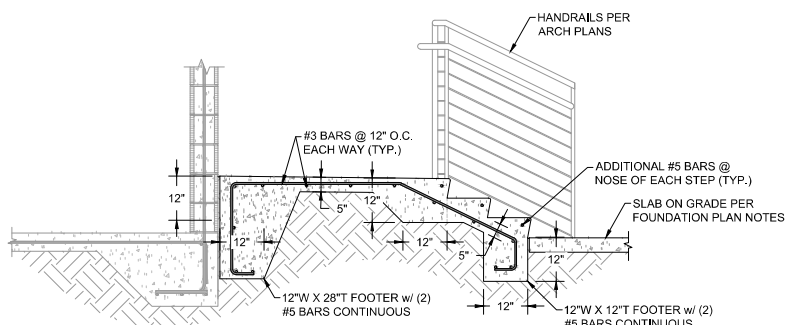
SOUTHEASTERN
CONSULTING ENGINEERS, INC.
P.O. BOX 141 P.O. BOX 951
NEWPORT NEWS, VA 23606-0141 PORTLAND, ME 04101
(850) 639-3860 (850) 227-1297
LE# 29064 LE# 29064



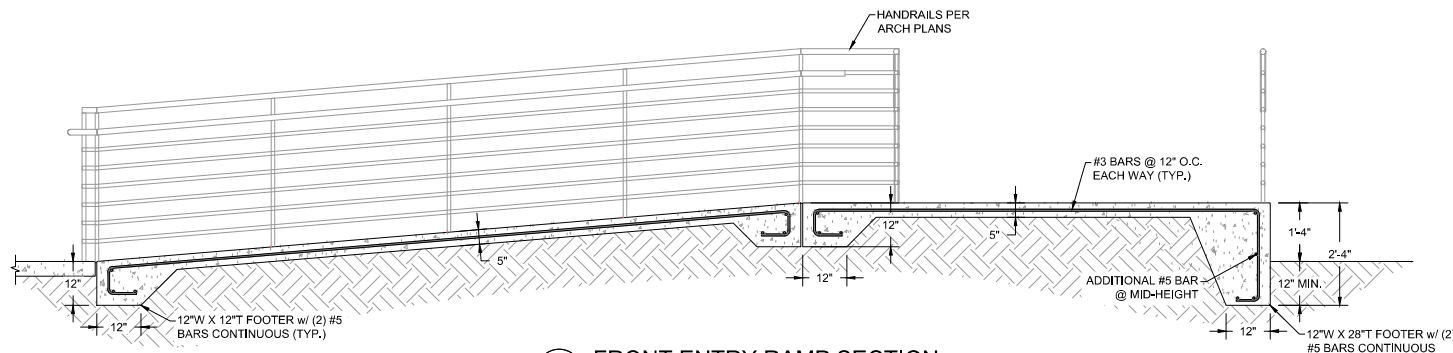
1 TYPICAL WALL SECTION
SCALE: N.T.S.



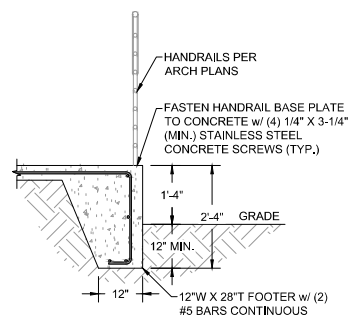
2 TYP. MECHANICAL YARD FOOTING
SCALE: N.T.S.



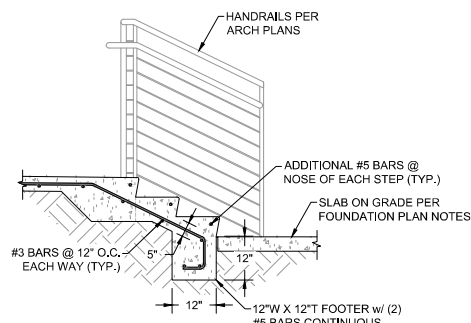
3 FRONT ENTRY STAIR SECTION
SCALE: N.T.S.



4 FRONT ENTRY RAMP SECTION
SCALE: N.T.S.

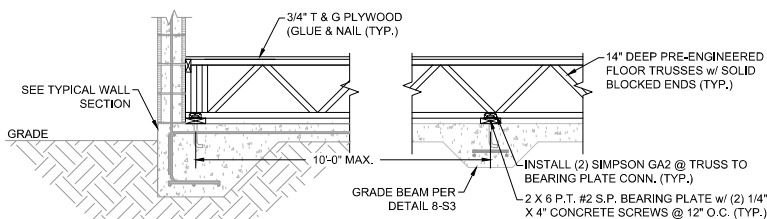


5 TYP. STAIR LANDING SECTION @ SIDE
SCALE: N.T.S.

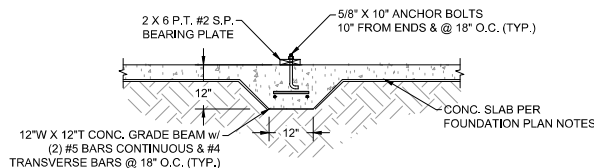


6 TYP. STAIR SECTION
SCALE: N.T.S.

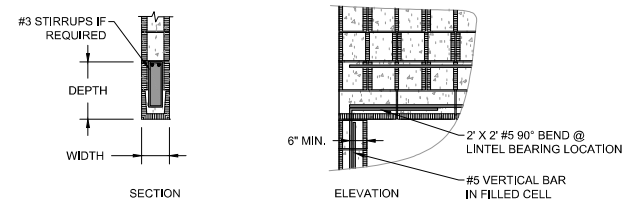
- NOTES:**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 2. ALL FLASHING & WEATHERPROOFING BY CONTRACTOR.
 3. ADJACENT GRADES SHALL SLOPE AWAY FROM RESIDENCE.
 4. SEE ARCH. PLANS FOR ALL INTERIOR & EXTERIOR FINISHES (APPLY PER ALL APPLICABLE CODES.)



7 TYP. FLOOR TRUSS BEARING PLATE
SCALE: N.T.S.

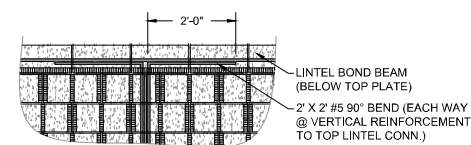


8 TYPICAL GRADE BEAM DETAIL
SCALE: N.T.S.

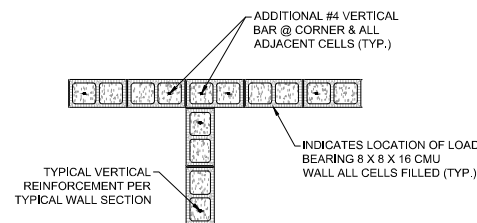


CMU LINTEL SCHEDULE						
LOCATION	CLEAR SPAN	WIDTH	DEPTH	END BEARING LENGTH	REINF. (TOP)	REINF. (BTM.)
TYPICAL WALL OPENING	4' (MAX)	8"	16" (2 COURSE)	8"	N/A	(2) #4
TYPICAL WALL OPENING	8' (MAX)	8"	16" (2 COURSE)	8"	(2) #4	(2) #4
TYPICAL WALL OPENING	10' (MAX)	8"	24" (3 COURSE)	8"	(2) #5	(2) #5

9 TYPICAL LINTEL SCHEDULE
SCALE: N.T.S.



10 TOP LINTEL REINFORCEMENT DETAIL
SCALE: N.T.S.



11 CMU CORNER/INTERSECTING WALL REINFORCEMENT
SCALE: N.T.S.

STRUCTURAL GENERAL NOTES

GENERAL

- THE OWNER/CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL FINAL DIMENSIONS, PRIOR TO START.
- THE CONTRACTOR SHALL COORDINATE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL WORKS DOCUMENTS WITH THE STRUCTURAL CONTRACT DOCUMENTS. NOTIFICATION SHALL BE MADE TO THE ENGINEER OF RECORD OF ANY CONFLICT AND/OR OMISSIONS.
- FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS, SEE THE ARCHITECTURAL PLANS.
- THE CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO STARTING WORK. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES IN EXISTING SITE CONDITIONS, DIMENSIONS, OR ELEVATIONS TO THOSE SHOWN IN THE STRUCTURAL CONTRACT DOCUMENTS.
- THE REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR MEANS, METHOD, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO DEMOLITION PROCEDURES AND TEMPORARY SHORING.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND ERECTION OF SAFE AND ADEQUATE BRACING, SHORING, TEMPORARY SUPPORTS, ETC. REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL INTERMEDIATE STAGES OF CONSTRUCTION AND/OR DEMOLITION.
- IN NO CASE SHALL STRUCTURAL ALTERATIONS OR WORK AFFECTING A STRUCTURAL MEMBER BE MADE, UNLESS APPROVED BY THE ENGINEER OF RECORD IN WRITING.
- NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION, MANUAL OR CODE (WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS) SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF OWNER, CONTRACTOR, ENGINEER, SUPPLIER, OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS. NOR SHALL IT BE EFFECTIVE TO ASSIGN TO THE STRUCTURAL ENGINEER OF RECORD OR ANY OF THE STRUCTURAL ENGINEER OF RECORD'S CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE OF THE WORK OR ANY DUTY OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS.
- CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE STRUCTURAL DOCUMENTS (DRAWINGS AND SPECIFICATIONS), BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR.
- REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AT THE DATE OF TAKING BIDS, UNLESS SPECIFICALLY STATED OTHERWISE.
- CONTRACT DOCUMENTS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE CODE OF PRACTICE OR SPECIFICATIONS OF ACI, PCI, AISC, SJI OR OTHER STANDARDS, WHERE A CONFLICT OCCURS WITHIN THE CONTRACT DOCUMENTS, THE STRICTEST REQUIREMENT SHALL GOVERN.
- MATERIAL, WORKMANSHIP, AND DESIGN SHALL CONFORM TO THE REFERENCED BUILDING CODE.
- CONTRACTOR SHALL OBTAIN AND COORDINATE EDGE OF SLAB DIMENSIONS, OPENING LOCATIONS AND DIMENSIONS, DEPRESSED SLAB LOCATIONS AND EXTENTS, SLAB SLOPES, CURB LOCATIONS, AND CMU WALL LOCATIONS. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY OR OMISSION.
- CONTRACTOR HAS SOLE RESPONSIBILITY FOR MEANS, METHODS, SAFETY, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
- CONTRACTOR HAS SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA REGULATIONS.
- REPRODUCTION OF STRUCTURAL DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED. ELECTRONIC DRAWING FILES WILL NOT BE PROVIDED TO THE CONTRACTOR.
- SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPICT THE STRUCTURAL ELEMENTS AND CONNECTIONS SHOWN IN THE CONTRACT DOCUMENTS. SHOP DRAWINGS SHALL BE SEALED BY ENGINEER LICENSED IN THE PROJECT STATE. REVIEW OF SHOP DRAWINGS SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZES OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN LOADS AND CONTRACT DOCUMENT DETAILS. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE ARCHITECT/STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK ALL SUBMITTALS AND SHOP DRAWINGS BEFORE SUBMITTING TO THE STRUCTURAL ENGINEER. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE ARCHITECT/STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. SHOP DRAWINGS SHALL BE SEALED BY ENGINEER LICENSED IN PROJECT STATE.
- WHERE A SECTION OR DETAIL IS SHOWN OR DETAILED FOR ONE CONDITION, IT SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS. DETAILS LABELED "TYPICAL" ON THE STRUCTURAL DRAWINGS APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR. THE CONTRACTOR SHALL CONSIDER ALL OF THE CONTRACT DOCUMENTS IN DETERMINING SIMILAR AND LIKE CONDITIONS.
- ALL FLASHING AND WATERPROOFING BY CONTRACTOR.
- ALL ADA REQUIREMENTS SHALL BE ADHERED (IF APPLICABLE) TO AND MAY NOT BE SHOWN ON THESE PLANS IN ITS ENTIRETY.
- PLANS DO NOT INCLUDE ANY FIRE ESCAPE PLAN, FIRE SPRINKLER, OR FIRE RELATED DESIGN ASPECTS. U.N.O. OWNER/CONTRACTOR SHALL PROVIDE APPLICABLE FIRE PROTECTION DESIGN/DOCUMENTS NOT SHOWN ON THIS PLAN SET.
- OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THRESHOLD INSPECTION REQUIREMENTS (IF APPLICABLE).
- ATTACH STAIR STRINGERS & LANDING FRAMING TO STAIRWELL STUD FRAMING w/ (2) SIMPSON SDWC15600 @ 16" O.C.
- INSTALL LATERAL BRACING AT GABLE END TRUSS AS SPECIFIED BY TRUSS MANUFACTURER.

CODE DESIGN

- WIND LOADS: SEE TABLE

ESTIMATED DEFLECTIONS (IN INCHES) ARE AS FOLLOWS:

	LIVE LOAD	DEAD + LIVE LOAD
ROOF MEMBERS:	L/240 OR < 1"	L/180
FLOOR MEMBERS:	L/360 OR < 1/2"	L/240

WHERE, L = SPAN LENGTH (IN INCHES) BETWEEN CENTERLINES OF SUPPORTS. (FOR CANTILEVERS, L IS TWICE THE LENGTH OF THE CANTILEVER.)

FOUNDATION

- FOUNDATION DESIGN IS BASED ON AN ASSUMED ALLOWABLE BEARING PRESSURE OF 2000 PSF. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD DIFFERENT FROM THOSE ASSUMED FOR DESIGN.
- ALL FOUNDATION BEARING SOIL SHALL BE COMPACTED TO 96% STANDARD PROCTOR OR 95% MODIFIED PROCTOR AS SPECIFIED BY AASHTO T-99 AND AASHTO T-180, RESPECTIVELY.
- UNLESS OTHERWISE NOTED, ALL CONSTRUCTION JOINTS SHALL BE CONSTRUCTED w/ 3/4" X 3/4" (MIN.) KEY WAY. ALL SURFACES SHALL BE CLEANED BEFORE PLACEMENT OF ADJACENT CONCRETE. CONTRACTION JOINTS / SAW CUTS SHALL BE INSTALLED AT 10' O.C. EACH WAY OR NO GREATER THAN 30 TIMES THE SLAB THICKNESS (LESSER OF THE TWO) AND SHALL BE A MINIMUM OF 1/8" WIDE AND TO A DEPTH OF 25% OF THE SLAB THICKNESS (MIN.) UNLESS OTHERWISE NOTED. ALL CONCRETE SLABS LOCATED WITHIN VE FLOOD ZONES SHALL BE SCORED IN 25 SQ. FT. SECTIONS (MAXIMUM). REFER TO C.D.E.P. PERMIT DRAWINGS FOR ALL CONCRETE SLABS LOCATED SEAWARD OF THE COASTAL CONSTRUCTION CONTROL LINE.
- STRUCTURAL TESTING/INSPECTION AGENCY SHALL CERTIFY THE BEARING MEDIUM BEFORE STARTING CONSTRUCTION.
- NO FOOTINGS SHALL BE PLACED IN WATER.
- ANY SOIL CONDITION ENCOUNTERED DURING EXCAVATION THAT IS CONTRARY TO THE CONDITIONS USED FOR DESIGN OF FOOTINGS AS OUTLINED IN THESE NOTES OR ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER OF RECORD BEFORE PROCEEDING.
- BACK FILL BOTH SIDES OF FOUNDATION WALLS AT SAME TIME TO PREVENT OVERTURNING.

CONCRETE MASONRY

- CONCRETE MASONRY WORK SHALL CONFORM TO ACI 530, BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND ACI 530.1, SPECIFICATION FOR MASONRY STRUCTURES.
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE MASONRY SHALL BE F'M = 1,500 PSI.
- MORTAR SHALL COMPLY WITH THE BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY AND SHALL BE OF THE FOLLOWING TYPE:

WALLS BELOW GRADE	TYPE M OR S
-------------------	-------------
- CONCRETE MASONRY UNITS SHALL BE GROUTED WITH 2,500 PSI COARSE GROUT AS SHOWN IN THE STRUCTURAL DOCUMENTS. GROUT SHALL CONFORM TO ASTM C476.
- PROVIDE HORIZONTAL JOINT REINFORCEMENT WITH NO. 9 GAGE LONGITUDINAL WIRES AT 16" VERTICALLY, UNLESS NOTED OTHERWISE. PROVIDE SPECIAL ACCESSORIES FOR CORNERS, INTERSECTIONS, ETC.
- MINIMUM VERTICAL WALL REINFORCEMENT SHALL BE #5 @32" UNLESS NOTED OTHERWISE.
- DEFECTIVE AREAS IN CONCRETE INCLUDING, BUT NOT LIMITED TO, HONEY-COMBING, SPALLS, AND CRACKS WITH WIDTHS EXCEEDING 0.01 INCH SHALL BE REPAIRED. EXTENTS OF DEFECTIVE AREA TO BE DETERMINED BY THE STRUCTURAL ENGINEER.
- REINFORCING DOWELS MUST BE TIED IN PLACE PRIOR TO POURING FOOTING. "WET-STICKING" IS NOT ALLOWED.

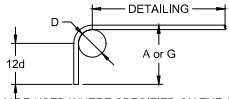
REINFORCEMENT

- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND HAVE MINIMUM SIDE AND END LAPS OF 8". FOR ALL MONOLITHIC FOOTINGS, A DOUBLE LAYER OF WELDED WIRE FABRIC SHALL BE INSTALLED WITHIN 3'-0" OF ALL FOOTINGS (3" CLEAR OF OUTSIDE PERIMETER OF FOOTING)
- REINFORCING STEEL SHALL ONLY BE WELDED OR TACK-WELDED IF IT CONFORMS TO ASTM A706, AND AWS D1.4. REINFORCING SHALL NOT BE WELDED NOR TACK-WELDED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
- SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPICT THE REINFORCING BAR SIZES AND PLACEMENT. WRITTEN DESCRIPTION OF REINFORCEMENT WITHOUT ADEQUATE SECTIONS, ELEVATIONS, AND DETAILS IS NOT ACCEPTABLE.
- PROVIDE DOWELS FROM FOUNDATIONS THE SAME SIZE AND NUMBER AS THE VERTICAL WALL OR COLUMN REINFORCING, UNLESS NOTED OTHERWISE. REINFORCING DOWELS MUST BE TIED IN PLACE PRIOR TO POURING FOOTING. "WET-STICKING" IS NOT ALLOWED.
- PLACE REINFORCEMENT AS FOLLOWS, UNLESS NOTED OTHERWISE:
 - CAST-IN-PLACE (NON POST-TENSIONED) CONCRETE REINFORCEMENT COVER

PERMANENTLY EXPOSED TO EARTH: CAST AGAINST THE EARTH	3" CLEAR
EXPOSED TO EARTH OR WEATHER: FOR BARS LARGER THAN A NO. 5 BAR NO. 5 BARS OR SMALLER COLUMN TIES	2" CLEAR 1 1/2" CLEAR 1 3/4" CLEAR
 - MASONRY REINFORCING STEEL SHALL BE PLACED IN THE CENTER OF CMU CELLS, UNLESS NOTED OTHERWISE.
- REINFORCEMENT SHALL BE SPLICED ONLY AT LOCATIONS SHOWN OR NOTED IN THE STRUCTURAL DOCUMENTS, EXCEPT REINFORCEMENT MARKED "CONTINUOUS" CAN BE SPLICED AT LOCATIONS DETERMINED BY CONTRACTOR. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER. REINFORCING STEEL SPLICES SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

MINIMUM LAP SPlice LENGTH (IN.) - 3000 PSI CONCRETE						
	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
	22	29	36	43	63	72
MINIMUM LAP SPlice LENGTH (IN.) - 1500 PSI NORMAL WEIGHT CMU						
6-in CMU WALL	19	25	39	81	NA	NA
8-in CMU WALL	19	25	31	57	79	113
12-in CMU WALL	19	25	31	53	61	75

RECOMMENDED END HOOKS ANCHORAGE LENGTH (IN.) - 3000 PSI CONCRETE						
	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
D	2.25	3.00	3.75	4.50	5.25	6.00
A or G	6	8	10	12	14	16



POST INSTALLED ANCHORS

- POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS TO AVOID CONFLICTS WITH EXISTING REBAR. HOLES SHALL BE DRILLED AND CLEANED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE SPECIFIED BELOW SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER-OF-RECORD ALONG WITH CALCULATIONS THAT ARE PREPARED & SEALED BY A REGISTERED PROFESSIONAL ENGINEER. THE CALCULATIONS SHALL DEMONSTRATE THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERTINENT PERFORMANCE VALUES (MINIMUM) OF THE SPECIFIED PRODUCT USING THE APPROPRIATE DESIGN PROCEDURE AND/OR STANDARDS AS REQUIRED BY THE BUILDING CODE. PROVIDE CONTINUOUS SPECIAL INSPECTION FOR ALL MECHANICAL AND ADHESIVE ANCHORS PER THE APPLICABLE EVALUATION REPORT. CONTACT MANUFACTURER'S REPRESENTATIVE FOR THE INITIAL TRAINING AND INSTALLATION OF ANCHORS AND FOR PRODUCT RELATED QUESTIONS AND AVAILABILITY.
 - CONCRETE ANCHORS
 - MECHANICAL ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193 FOR CRACKED AND UNCRACKED CONCRETE RECOGNITION. PRE-APPROVED MECHANICAL ANCHORS INCLUDE:
 - SIMPSON STRONG-TIE "TITEN-HD" (ICC-ES ESR-2713)
 - SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-3037)
 - ADHESIVE ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 308.4 AND ICC-ES AC308 FOR CRACKED AND UNCRACKED CONCRETE RECOGNITION. PRE-APPROVED ADHESIVE ANCHORS INCLUDE:
 - SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-2508)
 - SIMPSON STRONG-TIE "AT-XP" (IAMPO-ES ER-0263)
 - HILTI HIT HY150 INJECTION ADHESIVE
 - EPCON CERAMIC 6 EPOXY ADHESIVE SUPPLIED BY ITW RAMSET/RED HEAD
 - POWER-FAST EPOXY INJECTION GEL SUPPLIED BY POWERS FASTENING
 - POWDER AND GAS-ACTUATED FASTENERS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC107. PRE-APPROVED POWDER ACTUATED FASTENERS INCLUDE:
 - SIMPSON STRONG-TIE "POWER-DRIVEN FASTENERS" (ICC-ES ESR-2138)
 - SIMPSON STRONG-TIE "GAS-ACTUATED FASTENERS" (ICC-ES ESR-2811)
 - MASONRY ANCHORS
 - ANCHORAGE TO SOLID-GROUTED CONCRETE MASONRY:
 - MECHANICAL ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC01 OR AC106. PRE-APPROVED MECHANICAL ANCHORS INCLUDE:
 - SIMPSON STRONG-TIE "TITEN-HD" (ICC-ES ESR-1058)
 - SIMPSON STRONG-TIE "STRONG-BOLT 2" (IAMPO-ES ER-0240)
 - SIMPSON STRONG-TIE "WEDGE-ALL" (ICC-ES ESR-1396)
 - ADHESIVE ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC58. PRE-APPROVED MECHANICAL ANCHORS INCLUDE:
 - SIMPSON STRONG-TIE "AT-XP" (IAMPO-ES ER-0281)
 - SIMPSON STRONG-TIE "SET-XP" (IAMPO-ES ER-0265)
 - HILTI HIT HY150 INJECTION ADHESIVE
 - EPCON CERAMIC 6 EPOXY ADHESIVE SUPPLIED BY ITW RAMSET/RED HEAD
 - POWER-FAST EPOXY INJECTION GEL SUPPLIED BY POWERS FASTENING
 - ANCHORAGE TO HOLLOW CONCRETE MASONRY:
 - ADHESIVE ANCHORS WITH SCREEN TUBES SHALL BE TESTED AND QUALIFIED IN ACCORDANCE WITH ICC-ES AC58 OR AC60, AS APPROPRIATE. THE APPROPRIATE SCREEN TUBE SHALL BE USED AS RECOMMENDED BY THE ADHESIVE MANUFACTURER. PRE-APPROVED ADHESIVE ANCHORS WITH SCREEN TUBES INCLUDE:
 - SIMPSON STRONG-TIE "SET" (ICC-ES ESR-1772)
 - SIMPSON STRONG-TIE "AT" (ICC-ES ESR-1958)
 - HILTI HIT HY150 INJECTION ADHESIVE
 - EPCON CERAMIC 6 EPOXY ADHESIVE SUPPLIED BY ITW RAMSET/RED HEAD
 - POWER-FAST EPOXY INJECTION GEL SUPPLIED BY POWERS FASTENING
 - ALL DRILLED & EPOXIED 3/4" THREADED RODS SHALL MAINTAIN A MINIMUM EDGE DISTANCE OF 1 3/4" AND CLEAR SPACING OF 4" O.C. (MAX.)

CAST-IN-PLACE CONCRETE

- ALL CONCRETE HAS BEEN DESIGNED IN ACCORDANCE WITH ACI 318 AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 301.
- UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENCASED IN CONCRETE AND FOR LOCATION OF FLOOR FINISHES AND SLAB DEPRESSIONS.
- CONSTRUCTION JOINT LOCATIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. NO HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED EXCEPT THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
- DEFECTIVE AREAS IN CONCRETE INCLUDING, BUT NOT LIMITED TO, HONEY-COMBING, SPALLS, AND CRACKS WITH WIDTHS EXCEEDING 0.01 INCH SHALL BE REPAIRED. EXTENT OF DEFECTIVE AREA TO BE DETERMINED BY THE STRUCTURAL ENGINEER.

STRUCTURAL STEEL

- ALL STRUCTURAL STEEL MEMBER SHALL BE ASTM A572 GRADE 50 (OR) ASTM A992 GRADE 50.
- ALL PLATES & BARS SHALL BE ASTM A36.
- ALL STRUCTURAL BOLTS SHALL BE ASTM F3125 GRADE A325.
- ALL WASHERS SHALL BE ASTM F436 HARDENED WASHERS.
- ALL WELDING SHALL BE PERFORMED BY PERSONNEL CURRENTLY CERTIFIED BY THE AMERICAN WELDING SOCIETY (AWS) AS HAVING PASS ALL AWE QUALIFICATION TESTS FOR WELDING PROCESSES THEY ARE TO PERFORM. ALL WELDS SHALL BE PERFORMED USING E70XX ELECTRODES & SHALL CONFORM TO ALL AISC & AWS STANDARDS.
- CONTRACTOR SHALL CONFIRM AVAILABILITY OF ALL MATERIAL SPECIFICATIONS WITHIN THIS PLAN SET. SCE SHALL BE NOTIFIED IN WRITING OF ANY MATERIALS NOT AVAILABLE FOR RECOMMENDATIONS / CONSULTATION SUBSTITUTION.
- CONTRACTOR SHALL SUBMIT A WRITTEN RFI TO SCE FOR ANY MATERIAL SPECIFICATION SUBSTITUTION FOR APPROVAL PRIOR TO CONSTRUCTION / MFG.

STRUCTURAL LOADS:

SUPERIMPOSED DEAD LOADS (COMMERCIAL CONSTRUCTION):

FLOOR	50 PSF
ROOF	15 PSF

SUPERIMPOSED LIVE LOADS (RESIDENTIAL CONSTRUCTION):

FLOOR	100 PSF
ROOF	20 PSF

WIND LOADS AS SPECIFIED BY ICC-500 (LRFD):

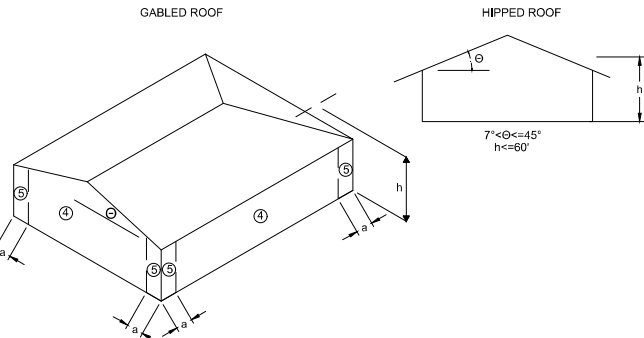
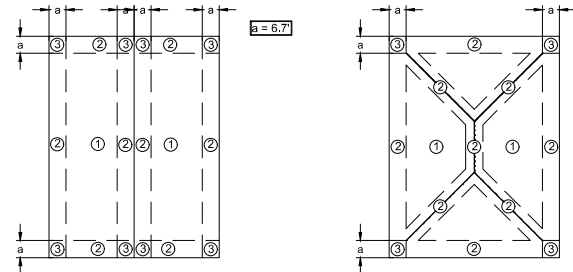
ULTIMATE WIND SPEED	160 MPH
NOMINAL WIND SPEED	124 MPH
STRUCTURAL CATEGORY	IV
EXPOSURE CATEGORY	D
INTERNAL PRESSURE COEFFICIENT	0.18 ±
IMPACT GLASS WINDOWS & DOORS	REQ'D

MAIN WIND FRAME RESISTING SYSTEM (MWFRS)		
AREA	INTERIOR ZONE	END ZONE
WALLS	38.65 PSF	48.31 PSF
ROOF	± 33.63 PSF	± 42.04 PSF

COMPONENTS AND CLADDING ROOF PRESSURES (PSF)		
ZONE	+ GCpl	- GCpl
ROOF (ZONE 1)	31.31	-56.22
ROOF (ZONE 2)	31.31	-76.57
ROOF (ZONE 3)	31.31	-76.57

COMPONENTS AND CLADDING WALL PRESSURES (PSF)							
	0 SF - 10 SF	10 SF - 30 SF	30 SF - 60 SF	60 SF - 100 SF			
ZONE	+ GCpl	- GCpl	+ GCpl	- GCpl	+ GCpl	- GCpl	+ GCpl
4	41.99	-45.55	41.99	-45.55	38.99	-42.55	37.10
5	41.99	-56.22	41.99	-56.22	38.99	-50.23	37.10

NOTE: ALL PRESSURES SHOWN ARE BASED UPON ASD DESIGN, WITH A LOAD FACTOR OF 0.6.



CERTIFICATION

THE STRUCTURE SHOWN ON THESE PLANS IS DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 8TH EDITION (2023).

ABBREVIATIONS

CONC. = CONCRETE	E.O.R. = ENGINEER OF RECORD
WWM = WELDED WIRE MESH	N.T.S. = NOT TO SCALE
CONT. = CONTINUOUS	BTM = BOTTOM
CMU = CONCRETE MASONRY UNIT	C.I.P. = CAST IN PLACE
P.T. = PRESSURE TREATED	S.S. = STAINLESS STEEL
N.T.S. = NOT TO SCALE	TYP. = TYPICAL
BTW. = BETWEEN	REQ'D = REQUIRED
SIM. = SIMILAR	U.N.O. = UNLESS NOTED OTHERWISE
LOC. = LOCATION	L.B.W. = LOAD BEARING WALL
H.C.A. = HEADED CONCRETE ANCHOR	MFG. = MANUFACTURER



STRUCTURAL GENERAL NOTES

REVISIONS:

DESIGNED BY:	DRAWN BY:	CHECKED BY:	DATE	BY	ITEM
B. BAUGARDNER	B. BAUGARDNER	J. HUSBAND			

DATE: 4/22/26

SHEET NO.

54

FRANKLIN COUNTY EMERGENCY OPERATIONS CENTER

Appendix B
Davis Bacon Wage Decision
