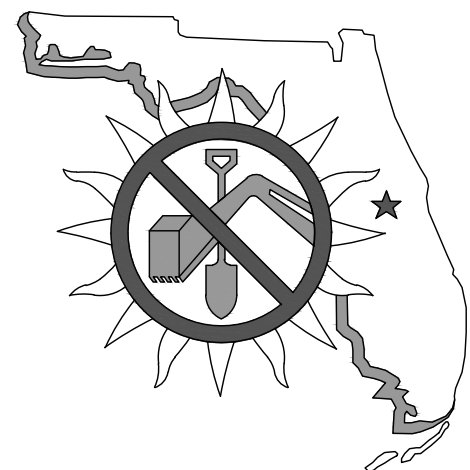
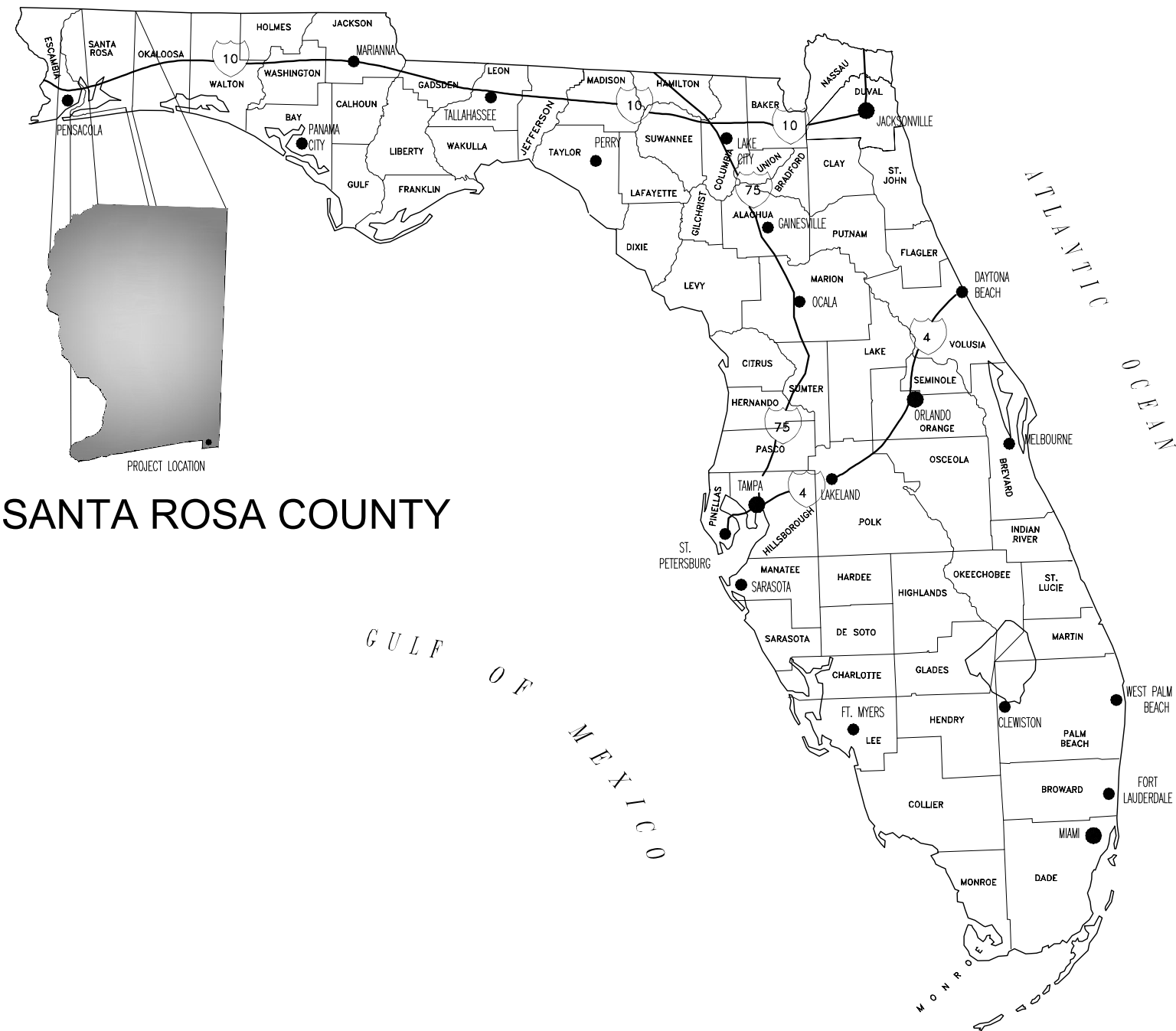


LEGAL DESCRIPTION
BEGINNING AT THE NORTHEAST CORNER OF PARCEL NUMBER 28-25-26-0000-01200-0000, SAID LANDS DESCRIBED IN THE LEASE ASSIGNMENT, ASSIGNED TO BARRY R. COHEN AND JULIE P. COHEN, CO-TRUSTEES OF THE BARRY R. COHEN LIVING TRUST DATED JANUARY 19, 2007, RECORDED IN OFFICIAL RECORDS BOOK 4406, PAGE 478; OFFICIAL RECORDS, SANTA ROSA COUNTY, FLORIDA; THENCE RUN N81°18'08"E, ALONG THE REPORTED SOUTH RIGHT-OF-WAY OF GULF BOULEVARD, A DISTANCE OF 118.55 FEET, MORE OR LESS, TO THE POINT OF BEGINNING; THENCE DEPARTING SAID SOUTH RIGHT-OF-WAY, A DISTANCE OF 787 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF THE GULF OF AMERICA (A.K.A. GULF OF MEXICO); THENCE RUN WESTERLY, ALONG SAID MEAN HIGH WATER LINE, A DISTANCE OF 1214 FEET, MORE OR LESS; THENCE RUN S83°04'08"W, A DISTANCE OF 365 FEET, MORE OR LESS, TO THE SOUTHEAST CORNER OF PARCEL NUMBER 28-25-26-0000-02600-0000; THENCE CONTINUE N83°04'08"W, ALONG THE EAST LINE OF SAID PARCEL NUMBER 28-25-26-0000-02600-0000, A DISTANCE OF 283.58 FEET, MORE OR LESS; THENCE RUN S81°18'50"W, A DISTANCE OF 62.83 FEET, MORE OR LESS, TO A POINT ON THE EAST LINE OF THE AFOREMENTIONED PARCEL NUMBER 28-25-26-0000-01200-0000; THENCE CONTINUE N83°04'08"W, A DISTANCE OF 175.09 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

28-25-26-0000-026000-0000 CONTAINING 3.70 ACRES.
LEGAL DESCRIPTION
BEGINNING AT THE SOUTHEAST CORNER OF PARCEL NUMBER 28-25-26-0000-02000-0000, SAID LANDS DESCRIBED IN THE ASSIGNMENT OF LEASE, ASSIGNED TO THE PALMS OF NAVARRA, L.L.C., RECORDED IN OFFICIAL RECORDS BOOK 2093, PAGE 915, OFFICIAL RECORDS, SANTA ROSA COUNTY, FLORIDA; THENCE RUN N81°18'50"E, A DISTANCE OF 120.96 FEET, MORE OR LESS, TO A POINT ON THE WEST LINE OF PARCEL NUMBER 28-25-26-0000-01200-0000, SAID LANDS DESCRIBED IN THE LEASE ASSIGNMENT, ASSIGNED TO BARRY R. COHEN AND JULIE P. COHEN, CO-TRUSTEES OF THE BARRY R. COHEN LIVING TRUST DATED JANUARY 19, 2007, RECORDED IN OFFICIAL RECORDS BOOK 4406, PAGE 478, OFFICIAL RECORDS, SANTA ROSA COUNTY, FLORIDA; THENCE RUN S03°04'08"E, A DISTANCE OF 110.67 FEET, MORE OR LESS, TO THE SOUTHWEST CORNER OF SAID PARCEL 28-25-26-0000-01200-0000; THENCE RUN N81°18'50"E, A DISTANCE OF 150.00 FEET, MORE OR LESS, TO THE SOUTHEAST CORNER OF SAID PARCEL 28-25-26-0000-01200-0000; THENCE RUN N03°04'08"W, ALONG THE EAST LINE OF SAID PARCEL 28-25-26-0000-01200-0000, A DISTANCE OF 110.67, MORE OR LESS, THENCE RUN N81°18'50"E, A DISTANCE OF 62.83 FEET, MORE OR LESS; THENCE RUN S03°04'08"E, A DISTANCE OF 283.58 FEET, MORE OR LESS; THENCE RUN S81°36'53"W, A DISTANCE OF 110.67 FEET, MORE OR LESS; THENCE RUN S83°13'37"W, A DISTANCE OF 48.50 FEET, MORE OR LESS; THENCE RUN N08°41'10"E, A DISTANCE OF 277.63 FEET, MORE OR LESS, TO A POINT ON THE SOUTH LINE OF THE AFOREMENTIONED PARCEL NUMBER 28-25-26-0000-00200-0000; THENCE RUN N81°18'50"E, ALONG THE SOUTH LINE OF SAID PARCEL 28-25-26-0000-00200-0000, A DISTANCE OF 313.95 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.



VICINITY MAP



SANTA ROSA COUNTY

NAVARRE BEACH PARKING AND RESTROOM

SANTA ROSA COUNTY, FLORIDA



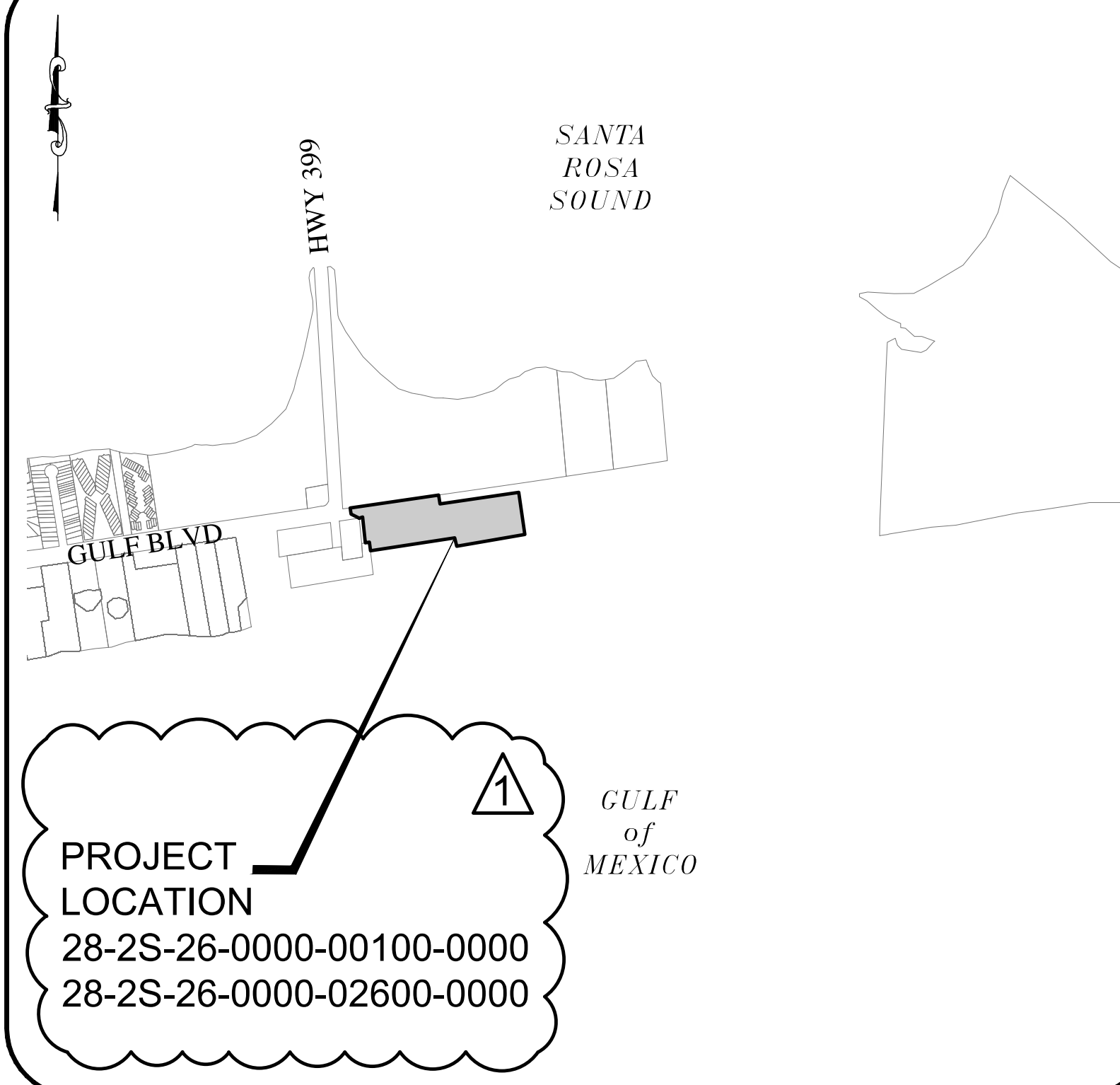
Dewberry®

(850) 522-0644

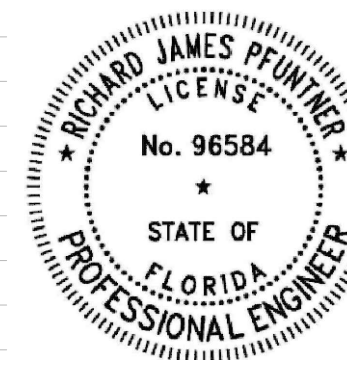
PROJECT NUMBER - 50182809

AUGUST 2025

LOCATION MAP



C0	COVER
C1	GENERAL NOTES
C2	SWPPP
C3	EXISTING CONDITIONS
C4	DEMO & EROSION CONTROL PLAN
C5	MOT PLAN
C6	SITE PLAN
C7	GRADING & DRAINAGE PLAN
C8	UTILITY PLAN
C9	SWMF PLAN AND DETAILS
C10	ROADWAY CROSS SECTIONS
D1-D3	MISC. DETAILS
D4	MOT DETAILS



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Richard J Pfunter

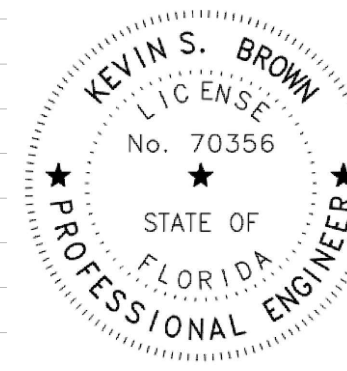
Digital Signature: Richard J Pfunter
Distinguished Engineer, Sr.
Contracting Division
U.S. Army Corps of Engineers
Pentagon Building 6000
Washington DC, D.C. 20315-9000
Phone: 703/616-8100
Fax: 703/616-8100

ON THE DATE ADJACENT TO THE SEAL

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**DEWBERRY ENGINEERS, INC.,
203 ABERDEEN PKWY
PANAMA CITY, FLORIDA 32405
RICHARD PFUNTER, P.E. No. 96584**

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE ADJACENT SHEETS IN ACCORDANCE WITH RULE 6IGIS-23.004, F.A.C.



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AND SEALED BY**

Kevin S Brown

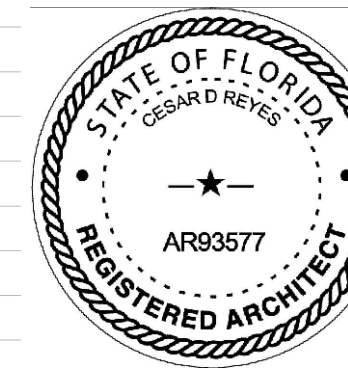
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Date: 2015.12.23 16:02:45 -0500

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**LEGACY COLLABORATIVE, LLC
1800 INTERNATIONAL PARK DR, SUITE 210
BIRMINGHAM, ALABAMA 35243
KEVIN S. BROWN, P.E. NO. 70756**

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE ADJACENT SHEETS IN ACCORDANCE WITH RULE 6IGIS-23.004, F.A.C.



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AND SEALED BY

Cesar Reyes

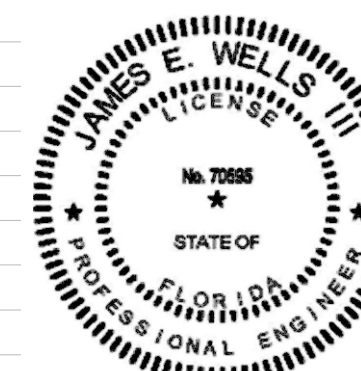
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Reyes
Date: 2020.01.20 15:44:48 -0700

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STOA ARCHITECTS
121 E GOVERNMENT ST
PENSACOLA, FLORIDA 32502
CESAR REYES, AR93577

THE ABOVE NAMED REGISTERED ARCHITECT SHALL BE RESPONSIBLE FOR THE ADJACENT SHEETS



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AND SEALED BY**
**James E.
Wells III**
ON THE DATE ADJACENT TO THE SEAL

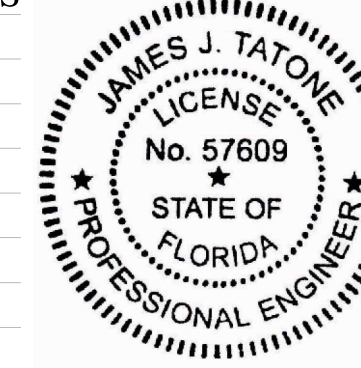
Digitally signed by James E. Wells III
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email=jewells@jewellsengineering.com, cn=James E. Wells III
I have no specific name on this document
Location: Pensacola, FL
Date: 2008.07.30 16:55:17 -0500
Fiscal PDF Editor Version: 2008.2.1

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W3 ENGINEERING INC.
110 E. WRIGHT ST.
PENSACOLA, FLORIDA 32501
JAMES E. WELLS, P.E. NO. 70595

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE ADJACENT SHEETS IN ACCORDANCE WITH RULE 6IGIS-23.004, F.A.C.

E-001	LEGENDS, ABBREVIATIONS, & SPECIFICATIONS
E-101	SITE PLAN
E-112	BUILDING AREA PHOTOMETRIC PLAN
E-113	BUILDING LUMINAIRE SPECIFICATION SHEET
E-211	LIGHTING PLAN
E-221	POWER AND SYSTEMS PLAN
E-311	POWER RISER DIAGRAMS AND SCHEDULES



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AND SEALED BY

 James Tatone
2026.01.30
09:28:31-06'00'

ON THE DATE ADJACENT TO THE SEAL

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RUBY ENGINEERING INC.
3 W GARDEN ST, SUITE 414
PENSACOLA, FLORIDA 32502
JAMES J. TATONE, P.E. NO. 57609

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE ADJACENT SHEETS IN ACCORDANCE WITH

LANDSCAPE PLAN(S) PROVIDED BY SANTA ROSA COUNTY AS A SEPARATE DOCUMENT

FINAL BIDDING DOCUMENTS

REV. NO.	REV. DATE	REVISION DESCRIPTION	RELEASED TO	RELEASE DATE
	7/1/25	DEVELOPMENT ORDER COMMENTS		
	1/30/26	FWC COMMENTS		

January 23, 2026 (12:14:48 EST)
K:\50182609_NAVARE BEACH PARKING AND RESTROOM - TURTLE CENTER_CIVIL3\FOLDER_01\26260_COVER.DWG C: GENERAL NOTES BY: RFLPUNTER

E

D

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B

A

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE COUNTY ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING PRIVATE AND PUBLIC UTILITIES, PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. EXISTING UTILITIES ARE APPROXIMATE AND BASED ON PREVIOUS DESIGN AND/OR SURVEY. THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF ANY AND ALL UTILITIES, AS REQUIRED BY THE PLANS, AND UTILITY COMPANIES, TO CONSTRUCT THE PROPOSED IMPROVEMENTS. UNLESS OTHERWISE STATED, CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE COST OF SAID RELOCATION. IF NECESSARY, CONTRACTOR SHALL ALSO NOTIFY UTILITY OWNERS THROUGH SUNSHINE ONE CALL (800-432-4770) AT LEAST 2 FULL DAYS PRIOR TO EXCAVATION OR DEMOLITION. NOT ALL UTILITIES ARE UNDER THIS PROGRAM THEREFORE CONTRACTOR SHALL ENSURE CONTACT WITH ACTUAL UTILITY COMPANIES. CONTRACTOR SHALL NOTIFY ENGINEER AND OWNER WHEN ANY INFRASTRUCTURE IS BEING PUT IN PLACE FOR ANY CONFLICT RESOLUTIONS. DEPTHS OF UTILITIES ON THESE PLANS ARE APPROXIMATE AND NOT ALL UTILITIES ARE LOCATED.
3. ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE SANTA ROSA COUNTY ENGINEER AND OTHER PERMITTING AGENCIES SHALL BE COMPLIED WITH IN EVERY DETAIL.
4. ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. CONTRACTOR SHALL ALSO REFER TO, IF NOT PROVIDED IN THE PLANS, FDOT STANDARD PLANS FOR ROAD CONSTRUCTION THAT NEEDS TO BE REPAIRED DUE TO UTILITIES.
5. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR (INCLUDES BUT NOT LIMITED TO DEWATERING). OWNER OR ITS DESIGNEE WILL ASSIST THE CONTRACTOR WITH REQUIRED PERMITS. NOTE THAT DEWATERING MAY BE REQUIRED ONSITE.
6. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY SANTA ROSA COUNTY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF ANY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
8. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED. ANY CLOSURES WILL REQUIRE PRIOR APPROVAL FROM THE COUNTY.
9. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.
10. ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE SANTA ROSA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
11. ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE SANTA ROSA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
12. EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED BY THE CONTRACTOR AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER EXPENSE.
13. CONTRACTOR SHALL COMPLY WITH ANY AND ALL NWFWMD, FDEP, AND ARMY CORP. OF ENGINEERS REQUIREMENTS IF REQUIRED.
14. IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT SANTA ROSA COUNTY PUBLIC WORKS:
6075 OLD BAGDAD HIGHWAY
MILTON, FLORIDA 32583 PH (850) 626-0191
15. GRADED AGGREGATE BASE SHALL BE REQUIRED WHERE THE SEASONAL HIGH GROUND WATER ENCROACHES WITHIN TWO (2) FEET OF THE BOTTOM OF BASE. SEE PLAN DETAIL FOR BASE MATERIAL. ALSO, UNDER DRAINS MAY BE REQUIRED FOR MOST OF THE PROJECT AREA.
16. ALL COMPACTED FILL SHALL BE PLACED IN FOUR INCH (4") LIFTS FOR HAND POWERED TAMPERS AND EIGHT INCH (8") LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS. DEWATERING MAY BE REQUIRED
17. MAINTENANCE OF TRAFFIC AS PER FDOT STANDARD PLANS INDEX 102-600 THRU 102-670.
18. THE CONTRACTOR SHALL, AT A MINIMUM, MATCH EXISTING SIGNING AND PAVEMENT MARKINGS. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS, AND MUTCD. THE CONTRACTOR SHALL CONTACT THE COUNTY TRAFFIC DEPARTMENT PRIOR TO INSTALLATION OF ANY SIGNING AND PAVEMENT MARKINGS.
19. PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPE LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.
20. TEMPORARY BENCHMARKS HAVE BEEN ESTABLISHED ON THIS PROJECT WHICH SHOULD BE USED BY THE CONTRACTOR DURING CONSTRUCTION. DESCRIPTIONS OF THE BENCHMARKS CAN BE FOUND IN THESE PLANS.
21. NO REPRESENTATION IS MADE REGARDING A BALANCED SITE. THE CONTRACTOR SHALL DETERMINE IF ANY ADDITIONAL FILL IS REQUIRED AND PROVIDE SAME AT NO ADDITIONAL COST TO THE OWNER. LIKEWISE, ANY EXCESS MATERIAL SHALL BE HAULED FROM THE SITE AND PROPERLY DISPOSED OFFSITE. AT NO ADDITIONAL COST TO THE OWNER.
22. CLEARING AND GRUBBING SHALL BE LIMITED TO THE SITE AND AREAS WITHIN THE ROADWAY RIGHT-OF-WAY, AND DRAINAGE EASEMENTS. OTHER CLEARING REQUIRED FOR CONSTRUCTION SHALL BE PRE-APPROVED BY THE OWNER OR OWNERS.
23. ALL UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES SHALL BE INSTALLED PRIOR TO CURB AND BASE CONSTRUCTION.
24. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED TESTING WITH THE SOILS ENGINEER. PAYMENT FOR TESTING WILL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
25. THE CONTRACTOR SHALL ADJUST ALL VALVE BOX AND MANHOLE CASTINGS TO MATCH FINAL SURFACE ELEVATIONS.
26. ALL DISTURBED AREAS SHALL BE SODDED WITH CENTIPEDE GRASS. SOD WITHIN COUNTY RIGHT OF WAY OR COUNTY EASEMENTS SHALL BE BAHIA GRASS.
27. AS-BUILTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. IF THE AS-BUILT SURVEY INDICATES AN AREA OF INCOMPLETE OR UNACCEPTABLE WORK, THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING THE NECESSARY REPAIRS, AS DIRECTED BY THE ENGINEER, OR OWNER. CONTRACTOR WILL BE REQUIRED TO PROVIDE UPDATED AS-BUILTS TO DEMONSTRATE COMPLIANCE WITH THE PLANS AND PERMITS. ALL FINAL AS-BUILT SURVEYS ARE REQUIRED TO BE CERTIFIED BY A FLORIDA REGISTERED PROFESSIONAL SURVEYOR. AS-BUILTS ARE REQUIRED TO CLOSE OUT THIS PROJECT AND RECEIVE FINAL CLOSE OUT DOCUMENTS FROM SANTA ROSA COUNTY.
28. SEPARATE PERMIT IS REQUIRED FOR ALL SIGNAGE.
29. EXCAVATION AND EMBANKMENT SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE SECTION OF THE STANDARD SPECIFICATIONS TO LINES AND GRADES INDICATED IN THE CONSTRUCTION PLANS.
30. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE ENGINEERING DEPARTMENT PRIOR TO CONSTRUCTION. DURING CONSTRUCTION, A FIELD INSPECTION OF EACH PHASE WILL BE MADE BY THE COUNTY ENGINEER, OR THEIR DESIGNEE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE COUNTY TWENTY-FOUR (24) HOURS BEFORE A PHASE OF CONSTRUCTION WILL BE READY FOR INSPECTION AND TESTING.
31. AT ALL TIMES DURING AND AFTER DEVELOPMENT, CLEARED AREAS SHALL BE STABILIZED. FINAL STABILIZATION MEASURES SHALL BE IN PLACE WITHIN FOURTEEN (14) DAYS OF FINAL GRADING
32. CONTRACTOR IS TO MINIMIZE THE EXTENT OF THE AREA EXPOSED AT ONE TIME, THE DISTURBANCE OF STEEP SLOPES, AND THE DURATION OF EXPOSURE DURING CONSTRUCTION. THIS INCLUDES AVOIDING CLEARING, GRUBBING, AND GRADING THE ENTIRETY OF THE SITE AT ONCE. THE PERMITTEE SHALL SUBMIT A PHASED CONSTRUCTION SCHEDULE PRIOR TO THE START OF CONSTRUCTION WHICH INCLUDES A DESCRIPTION OF CONSTRUCTION TECHNIQUES, SEQUENCING, AND EQUIPMENT. PLEASE REFER TO SUBSECTION 11.1.2 OF ERP APPLICANT'S HANDBOOK VOLUME I AND PART 3 OF SECTION E OF THE ERP APPLICATION FORM 62-330.060(1) FOR MORE INFORMATION.
33. THE APPROVED ERP PERMIT GEN-113-322521-1 IS PROVIDED WITH THE CONSTRUCTION DOCUMENTS.
34. REQUIRED INSPECTION NOTIFICATIONS:
 - A. EROSION CONTROL MEASURES
 - B. SUBGRADE
 - i. COUNTY INSPECTORS SHALL APPROVE DENSITY AND LBR RESULTS PRIOR TO BASE OR CURB INSTALLATION CONTRACTOR TO PROVIDE THE DENSITY REPORT.
 - C. POND BERM
 - D. BASE AND PRIME
 - i. COUNTY INSPECTORS SHALL APPROVE DENSITY AND LBR RESULTS PRIOR TO PAVING OPERATIONS – CONTRACTOR TO PROVIDE THE DENSITY REPORT.
 - E. CURBING AND PAVEMENT

UTILITY NOTES:

1. THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. ALL EFFORTS WERE MADE TO DETERMINE THE LOCATION OF ALL UTILITIES. PLEASE NOTE THAT THERE MAY BE UNKNOWN UTILITIES ON SITE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS/HER FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
2. UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES.
KNOWN UTILITIES OWNERS INCLUDE:
SEWER/WATER - NAVARRE BEACH UTILITIES: 1411 Utility Dr, Navarre, FL 32566 PH: (850) 981-8888
ELECTRIC - FLORIDA POWER AND LIGHT: Gulf Power, 1 Energy Pl, Pensacola, FL 32520 PH: (800) 225-5797
NATURAL GAS - OKALOOSA GAS DISTRICT: 364 Valparaiso Pkwy, Valparaiso, FL 32580 PH: (850) 729-4700
CABLE - MEDIACOM COMMUNICATIONS CO.: 1613 Nantahala Beach Rd, Gulf Breeze, FL 32563 PH: (855) 633-4226
TELEPHONE - NAVARRE BEACH UTILITIES: 1411 Utility Dr, Navarre, FL 32566 PH: (850) 981-8888
SUNSHINE STATE ONE - CALL: 7200 LAKE ELLENOR DRIVE, SUITE 200, ORLANDO, FL 32809 PH: (800) 432-4770
TRAFFIC DEPARTMENT - SANTA ROSA COUNTY
3. AT&T FLORIDA WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM - 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORK.
4. ALL CABLE DAMAGE MUST BE REPORTED TO THE AT&T FLORIDA REPAIR SERVICE DEPARTMENT AT 611 FROM A LAND LINE OR 877-737-2478 IF USING A CELL PHONE.
5. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
6. UTILITIES ARE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF THE UTILITY OWNERS.

STORMWATER SYSTEM MAINTENANCE:

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. 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 IS DUE TO LACK OF EROSION CONTROL, THE CONTRACTOR SHALL REPAIR OR REPLACE THE ITEM AT NO CHARGE TO THE OWNER.
3. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AREA USING SPRINKLING IRRIGATION OR OTHER ACCEPTABLE METHODS AS APPROVED BY THE ENGINEER.
4. ALL EXPOSED CORNERS AND EDGES OF CONCRETE ARE TO BE CHAMFERED 3/4".
5. CONSTRUCTION OF THE ROADWAY AND DRAINAGE SYSTEMS SHALL CONFORM TO THE MOST RECENT FDOT ROAD AND BRIDGE MANUAL AND SUPPLEMENTS.
6. CONCRETE MEETING THE REQUIREMENTS OF ASTM C-478 (4000 PSI) MAY BE USED IN LIEU OF CLASS A-3 CONCRETE IN PRECAST ITEMS MANUFACTURED IN PLANTS WHICH ARE UNDER THE STANDARD OPERATING PROCEDURES FOR THE INSPECTION OF PRECAST DRAINAGE PRODUCTS.

EROSION NOTES:

1. EROSION PROTECTION: SOIL EROSION SEDIMENTATION MUST BE CONTROLLED AND RETAINED ON SITE DURING CONSTRUCTION. THEREFORE, EROSION PROTECTION, SUCH AS STAKED BALED HAY AND SILT FENCE BARRIERS, MUST BE INSTALLED PRIOR TO START OF CONSTRUCTION. ALL EROSION CONTROL STRUCTURES SHALL BE IN PLACE BEFORE DEMOLITION BEGINS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL ALSO MAINTAIN EROSION CONTROL DEVICES DURING CONSTRUCTION TO PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. THE EROSION CONTROL DEVICES SHOWN ON THE EROSION SEDIMENT CONTROL PLANS ARE THE MINIMUM REQUIRED AND SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. ADDITIONAL EROSION CONTROLS MAY BE REQUIRED BY THE INSPECTOR TO CONTROL SEDIMENTS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL STORMWATER RUNOFF SHALL BE CONTROLLED DURING THE COURSE OF CONSTRUCTION. IMPACT TO OFFSITE IS NOT ANTICIPATED IF CONTROLS ARE PROPERLY MAINTAINED. ALSO, THE CONTRACTOR SHALL REFER TO THE "FLORIDA STORMWATER EROSION AND SEDIMENT CONTROL INSPECTORS MANUAL" FOR ADDITIONAL EROSION CONTROL MEASURE AND ALTERNATIVES. ALTERNATIVES BY THE CONTRACTOR SHALL BE APPROVED BY THE ENGINEER AND INSPECTOR PRIOR TO INSTALLATION. CONTRACTOR SHALL SEEK APPROVAL FROM COUNTY AND THE ENGINEER OF RECORD FOR ANY SUBSTITUTIONS TO THE EROSION CONTROL MEASURES PRIOR TO INSTALLATION. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT SEDIMENTS FROM LEAVING THE SITE.
3. ALL DISTURBED AREAS ON PROJECT SITE SHALL BE SODDED, UNLESS OTHERWISE NOTED ON THE PLANS. SOD ALL SLOPES 3:1 OR STEEPER AND IT SHALL BE PINNED TO PREVENT EROSION. DISTURBED AREAS OUTSIDE THE SILT FENCED PERIMETER SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADE IS ACHIEVED. ALL DISTURBED AREAS TO BE LEFT IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH QUICK GROW SEED AND MULCH. THE CONTRACTOR SHALL WARRANTY FOR A MINIMUM OF 1 YEAR AFTER ACCEPTANCE (OR LONGER AS SPECIFIED ELSEWHERE). ALL DISTURBED AREAS NOT SPECIFICALLY SHOWN TO BE SODDED SHALL BE GRASSED AND MULCHED. THE GRASS SEED SHALL BE 20 PARTS BERMUDA AND 80 PARTS PENSACOLA BAHIA. APPLICATION SHALL BE 100 POUNDS PER ACRE. IF CONSTRUCTION OCCURS DURING THE MONTHS OF OCTOBER THROUGH JANUARY, SEEDING SHALL BE 50 PARTS WINTER RYE AND 50 PARTS PENSACOLA BAHIA AT 100 POUNDS PER ACRE. SEEDED AREAS SHALL BE FERTILIZED WITH 8-8-8 NPK DRY FERTILIZER AT THE RATE OF 800 POUNDS PER ACRE. CONTRACTOR SHALL ENSURE THAT SOD IS ALSO PROVIDED IN THE FOLLOWING AREAS:
 - A. ENTIRE AREA BETWEEN SIDEWALKS AND BACK OF ROAD CURB.
 - B. INTERIOR SLOPES OF PONDS AND SWALES, AND IN A TWO-FOOT WIDE STRIP ALONG THE TOP-OF BANK OF ALL PONDS AND SWALES.
 - C. IN A TWO-FEET WIDE STRIP ALONG ALL BUILDINGS, STRUCTURES, ROADS WHERE NO SIDEWALKS RUN PARALLEL, AND OUTER EDGES.
 - D. OTHER AREAS MAY BE SEEDDED AND MULCH, UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL MAINTAIN GRASS UNTIL PLANTS HAVE TAKEN ROOT AND THE AREA IS SATISFACTORILY STABILIZED.
4. ALL AREAS TO BE GRASSED AND MULCHED SHALL HAVE A MINIMUM OF ONE INCH OF TOPSOIL DISTRIBUTED PRIOR TO SEEDING. GRADING SHALL ACCOUNT FOR TOPSOIL PLACEMENT.
5. EROSION CONTROL MATTING SHALL BE BONTERRA CFS OR EQUAL APPROVED BY THE ENGINEER.
6. FUNCTIONAL EROSION AND SILTATION CONTROLS SHALL BE INSTALLED AS NEEDED THROUGHOUT THE CLEARED AREAS AND AS SHOWN ON THE CONSTRUCTION PLANS IMMEDIATELY SUBSEQUENT TO ESTABLISHED ROUGH GRADE.
7. STRIP THE TOP SOIL (IF SUITABLE) AND STOCKPILE FOR USE IN LANDSCAPED AREAS.
8. INSTALL UTILITIES AND DRAINAGE PIPES PROTECTING INLETS w/STAKED HAY BALES OR SILT FENCE.
9. MAINTAIN SEDIMENTATION AND EROSION MEASURES.
10. FINAL GRADE THE SITE AND LANDSCAPE AS PER PLANS AND SPECIFICATIONS, STABILIZING ALL DISTURBED AREAS.
11. NO HEAVY EQUIPMENT IN NATURAL AREAS.
12. ALL CONTROL MEASURES SHALL COMPLY WITH THE MANAGEMENT PRACTICES CONTAINED IN THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S "EROSION & SEDIMENT CONTROL DESIGNER AND REVIEWERS MANUAL" LATEST EDITION.
13. ANY SEDIMENT OR DEBRIS THAT LEAVES THE DEVELOPMENT SITE SHALL BE PROPERLY RECOVERED BY THE BUILDING PERMIT HOLDER.
14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MANAGE ALL SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED BY REGULATORY AGENCIES.
15. NO CLEARING, GRADING, EXCAVATING, FILLING, OR OTHER DISTURBANCE OF THE NATURAL TERRAIN SHALL OCCUR UNTIL EROSION AND SEDIMENTATION CONTROL MEASURES HAVE BEEN INSTALLED, EXCEPT THOSE OPERATIONS NEEDED TO IMPLEMENT THESE MEASURES.
16. THE CONTRACTOR SHALL PROVIDE THE COUNTY ENGINEER WITH A COPY OF THE NPDES PERMIT PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES AS REQUIRED BY FDEP'S NPDES PROGRAM.

17. STOCKPILES DURING CONSTRUCTION:

- A. SHALL BE PROTECTED AGAINST DUST AND EROSION AND SHALL BE LOCATED TO NOT TO OBSTRUCT NATURAL DRAINAGE PATTERNS.
- B. SHALL NOT BE GREATER THAN 20-FEET HEIGHT AT ITS PEAK.
- C. SHALL NOT EXCEED A 2:1 SLOPE.
- D. INSTALL SILT FENCE OR OTHER STOCKPILE PROTECTIONS TO ENSURE THE STOCKPILE IS CONTAINED.
- E. REFER TO FDM CHAPTER 6 FOR ADDITIONAL INFORMATION.

CONSTRUCTION SEQUENCE:

1. CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION CONFERENCE WITH THE OWNER, COUNTY INSPECTOR, UTILITY COMPANIES, ENGINEER, AND ALL OTHER PARTIES REQUIRED FOR COMMENCEMENT OF PROJECT. THIS MEETING SHALL TAKE PLACE PRIOR TO COMMENCEMENT OF ANY PROJECT RELATED ACTIVITIES. AT THIS TIME, PRIOR TO ANY CONSTRUCTION, THE PERMIT MUST BE POSTED.
2. **THE CONTRACTOR SHALL ENSURE THAT A FOREMAN OR SUPERVISOR WHO HAS BEEN CERTIFIED UNDER FLORIDA STORMWATER, EROSION, AND SEDIMENTATION CONTROL INSPECTOR TRAINING PROGRAM IS AVAILABLE IN PERSON OR BY TELEPHONE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. CONSTRUCTION SHALL NOT COMMENCE UNTIL INFORMATION (NAME AND PHONE NUMBER) OF CERTIFIED STORMWATER EROSION AND SEDIMENT CONTROL INSPECTOR HAS BEEN PROVIDED TO THE COUNTY AT THE PRE-CONSTRUCTION MEETING.**
3. PRIOR TO CLEARING, A SILT FENCE BACKED WITH 4' HOG WIRE FENCE (TRENCHED 8 INCHES DEEP AND BACKFILLED ON THE UPHILL SIDE), SHALL BE INSTALLED AROUND THE PERIMETER OF THE SITE AS SHOWN ON THE PLANS. SILT FENCE MUST NOT BE TRENCHED WITHIN THE CPZ OF ANY TREES TO BE PROTECTED. EROSION CONTROL SHOWN ON PLANS IS REQUIRED. ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED DURING ANY PHASE OF THE DEVELOPMENT, AT THE DISCRETION OF THE COUNTY INSPECTOR. THE COUNTY INSPECTOR MAY REQUIRE ADDITIONAL MEASURES TO PREVENT ADDITIONAL EROSION. CONTRACTOR SHALL PROVIDE OUTLET PROTECTIONS FOR SEDIMENTS THAT MAY LEAVE THE SITE. CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING THE OFF SITE SEDIMENTATION AFTER CONSTRUCTION. CONTRACTOR CAN USE ADDITIONAL ALTERNATIVES TO PREVENT SEDIMENTS FROM LEAVING THE SITE. CONTRACTOR WILL BE RESPONSIBLE FOR ANY OFFSITE IMPACTS. DO NOT BEGIN CONSTRUCTION UNTIL EROSION CONTROL DEVICES HAVE BEEN INSPECTED AND APPROVED.
4. TO LIMIT THE AMOUNT OF EROSION ON SITE CONTRACTOR SHALL CLEAR SITE AS NEEDED DURING CONSTRUCTION. CONTRACTOR SHALL USE CARE WHEN CUTTING GRADES FOR THE WALL AND SWALE. CONTRACTOR SHALL ALSO PREPARE DIVERSION BERMS.
5. DRAINAGE PIPES SHALL BE PROTECTED WITH FILTER FABRIC AND PROPERLY INSTALLED HAY BALES.
6. ALL SEDIMENT IS TO BE CAPTURED ON THE PROJECT SITE. ANY SEDIMENT ESCAPING THE PROJECT SITE WILL BE REQUIRED TO BE REMOVED AND RESTORED INCLUDING THE TRACKING OF SOIL ON STREETS. THIS INCLUDES SEDIMENT INTO THE STORMWATER FACILITY. CONTRACTOR WILL BE RESPONSIBLE FOR ANY SEDIMENT ENTERING POND AND WILL BE RESPONSIBLE FOR ITS REMOVAL.
7. CONTRACTOR SHALL FIELD CERTIFY LOCATION OF EXISTING UTILITIES AND COORDINATE WITH UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION. IN THE EVENT THAT UNDERGROUND UTILITIES ARE ENCOUNTERED, THEY WILL BE REMOVED OR CAPPED UNDER THE DIRECTION OF THE UTILITY COMPANY.
8. CONSTRUCT UTILITIES AND OTHER IMPROVEMENTS IN ACCORDANCE WITH THE APPROVED DRAWINGS.
9. DAILY SWEEPING WILL BE REQUIRED ON THE PROPERTY AND IMMEDIATELY AFTER STORM EVENTS TO PREVENT TRACKING OF SEDIMENT ON TO STREETS AND RIGHT OF WAY.
10. REMOVE ALL SEDIMENT/EROSION CONTROL DEVICES. REMOVE AND DISTRIBUTE ANY REMAINING SEDIMENT ONCE FULLY STABILIZED. ASSURE THAT DISTRIBUTED SEDIMENT WILL NOT BE REDISTRIBUTED. ANY EXCESS DIRT SHALL BE DISPOSED OFF IN A MANNER OFF SITE THAT WILL NOT CAUSE ANY EROSION OR SEDIMENT ISSUES. CONTRACTOR WILL ALSO INSPECT STRUCTURES FOR SEDIMENT. ANY SEDIMENT SHALL BE FLUSHED FROM THE STORMWATER PIPES AND REMOVED FROM THE POND AREAS.
11. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR INSPECTION SERVICES DURING CONSTRUCTION UNLESS SPECIFICALLY RETAINED BY THE OWNER.
12. FOR BIDDING PURPOSES, THESE PLANS SHALL BE CONSIDERED PRELIMINARY UNTIL ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED.
13. CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.
14. LIMITS OF CLEARING: (SEE PLANS).
15. CONTRACTOR SHALL CARRY ON HIS WORK AND ADHERE TO THE PROGRESS SCHEDULE DURING ALL DISPUTES OR DISAGREEMENTS WITH THE OWNER. NO WORK SHALL BE DELAYED OR POSTPONED PENDING RESOLUTION OF ANY DISPUTES OR DISAGREEMENTS.
16. KEEP EXISTING PAVEMENT AS SHOWN, AND SAW CUT WHERE NEEDED FOR ISLANDS.
17. TWO WEEKS PRIOR TO FINAL INSPECTION, THE CONTRACTOR SHALL HAVE A WALK THROUGH WITH THE COUNTY AND/OR ENGINEER, AND A PUNCH LIST SHALL BE PREPARED. ONCE ALL PUNCH LIST ITEMS ARE ADDRESSED, THE CONTRACTOR SHALL ALSO SCHEDULE A WALK THROUGH WITH THE ENGINEER AND/OR COUNTY UPON COMPLETION.
18. CONTRACTOR SHALL PROVIDE THE COUNTY WITH MINIMUM OF AN ELECTRONIC PDF AND 3 COPIES OF A SIGNED AND SEALED AS-BUILT SURVEY TO VERIFY THE INSTALLATION OF ALL INFRASTRUCTURE, STORMWATER CONVEYANCES, AND LANDSCAPE IMPROVEMENTS ACCORDING TO COUNTY.

ROADWAY NOTES:

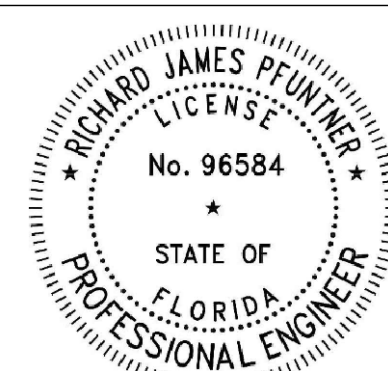
1. UNLESS OTHERWISE SPECIFIED, ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION.
2. TRAFFIC SHALL BE MAINTAINED AT ALL TIMES AS PER FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION.
3. THE LIMITS OF CONSTRUCTION SHOWN ON THE PLANS SHALL BE STRICTLY OBSERVED. ALL INGRESS, EGRESS, MATERIALS LAYDOWN AND STORAGE AND TRAFFIC PATTERNS ON THE SITE SHALL BE WITHIN THE LIMITS OF CONSTRUCTION.
4. ALL TRAFFIC CONTROL DEVICES TO CONFORM WITH M.U.T.C.D., LATEST EDITION.
5. TRAFFIC CONTROL AND STRIPING SHALL BE IN CONFORMANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
6. FOR IMPROVEMENTS TO ALL COUNTY ROADS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL ALL NECESSARY LEVELING COURSES TO PROVIDE A PROPER ROADWAY CROSS-SECTION.
7. ROADWAYS MUST HAVE A SMOOTH TRANSITION TO EXISTING PAVEMENTS.
8. SUBGRADE STABILIZATION SHALL BE DONE IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS AND CONSTRUCTION PLANS. UNSUITABLE MATERIALS SUCH AS STUMPS, ROOTS, MUCK, ETC., WILL BE REMOVED TO AT LEAST A DEPTH OF TWO (2) FEET BELOW THE SUBGRADE. THE SUBGRADE AND SHOULDERS SHALL BE STABILIZED AS NOTED ON THE PLANS TO THE WIDTH OF THREE (3) FEET BEYOND THE CURB OR PAVEMENT EDGE AS APPROPRIATE. THE SUBGRADE AND THE CURB PAD SHALL BE PREPARED AT THE SAME TIME. THE STABILIZED AREA SHALL BE FREE OF MUCK, ROOTS AND OTHER OBJECTIONABLE MATERIALS. THE SUBGRADE AND SHOULDERS SHALL BE STABILIZED AS NOTED ON THE PLANS. DENSITY TESTING AND LBR RATIOS SHALL BE TAKEN AT THREE HUNDRED (300) FEET.
9. THICKNESS AND DENSITY OF THE BASE SHALL BE MEASURED UNDER DIRECTION OF THE COUNTY ENGINEER AT INTERVALS OF NOT LESS THAN TWO HUNDRED (200) FEET, IN HOLES THROUGH THE BASE OF NOT LESS THAN THREE (3) INCHES IN DIAMETER, WHERE THE COMPACTED BASE IS DEFICIENT BY MORE THAN ONE-HALF (1/2) INCH, THE CONTRACTOR SHALL CORRECT SUCH AREAS BY SCARIFYING AND ADDING MATERIAL FOR A DISTANCE OF ONE HUNDRED (100) FEET IN EACH DIRECTION FROM THE EDGE OF THE DEFICIENT AREA, AND THE AFFECTED AREA SHALL BE BROUGHT TO THE REQUIRED STATE OF COMPACTION AND TO THE REQUIRED THICKNESS AND CROSS SECTION. ROADWAY BASE SHALL BE PROOF-ROLLED PRIOR TO INSTALLATION OF THE ASPHALT SURFACE. PROOF-ROLLING SHALL BE CONDUCTED UTILIZING A TANDEM AXLE DUMP TRUCK WITH CERTIFIED SCALE TICKET INDICATING 65,000-68,000 GROSS WEIGHT.
10. LIMEROCK STABILIZED BASE - THE MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTION OF THE FDOT STANDARD SPECIFICATIONS AND SHALL BE PRIMED AND CONSTRUCTED ACCORDING TO THE APPROPRIATE SECTION OF THE STANDARD SPECIFICATIONS.
11. AN ASPHALTIC-CONCRETE SURFACE MATERIAL SHALL BE REQUIRED ON ALL ROADS AND SHALL BE A MINIMUM ONE-QUARTER (0.25) INCH ABOVE THE CATCH CURB LIP AFTER COMPACTION. THERE WILL BE NO TOLERANCE FOR ANY CURB LIP LESS THAN 0.25 INCHES. IT SHALL BE LEVEL WITH THE SPILL CURB LIP



203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644

NAVARE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL



RICHARD JAMES PFUNTER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE

NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE
1	DEVELOPMENT ORDER COMMENTS	7/1/25

DRAWN BY	RJP
APPROVED BY	RJP
CHECKED BY	CSB
DATE	AUGUST 2025

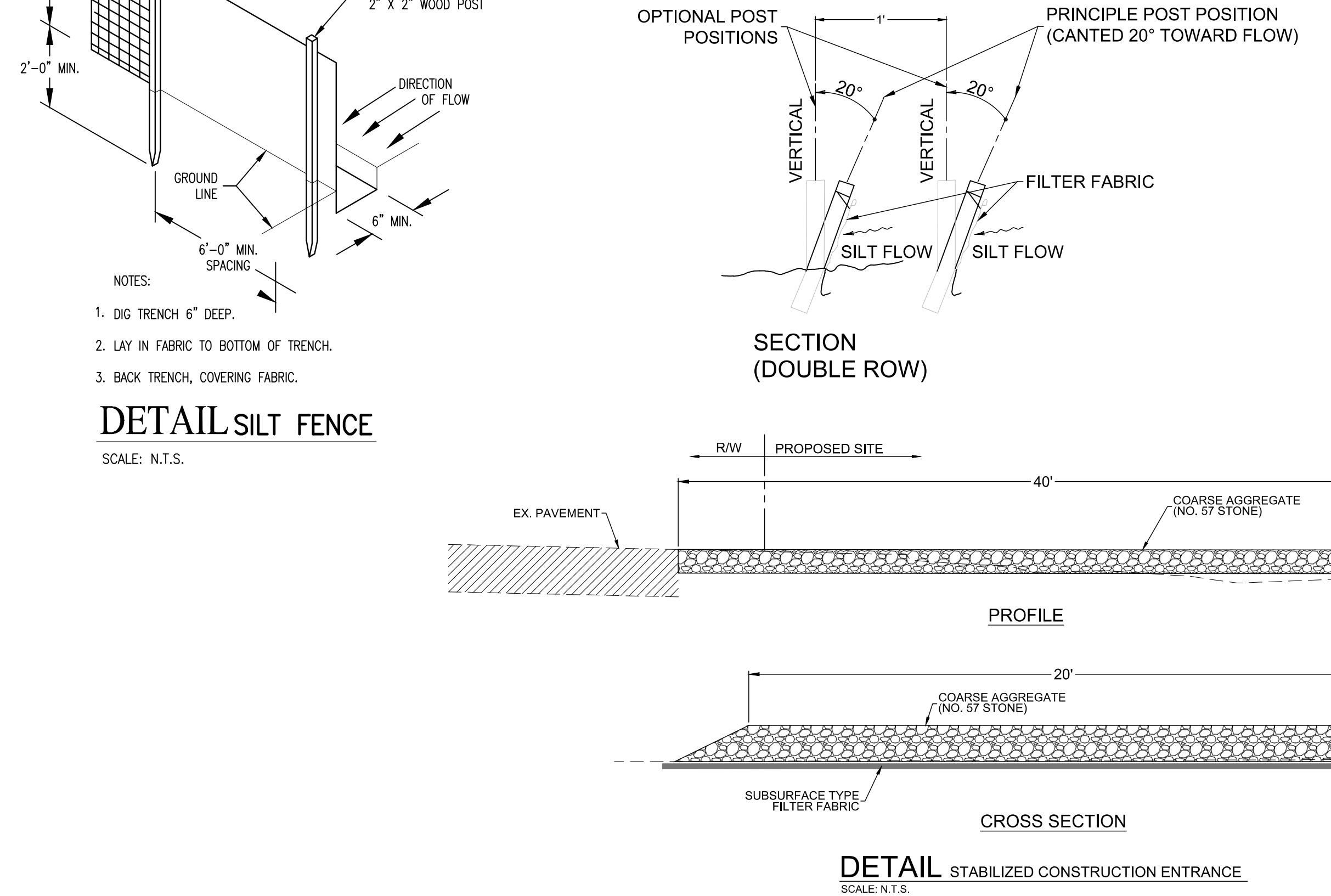
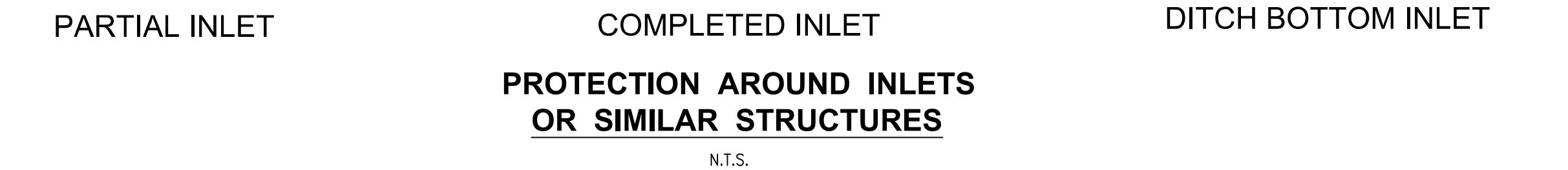
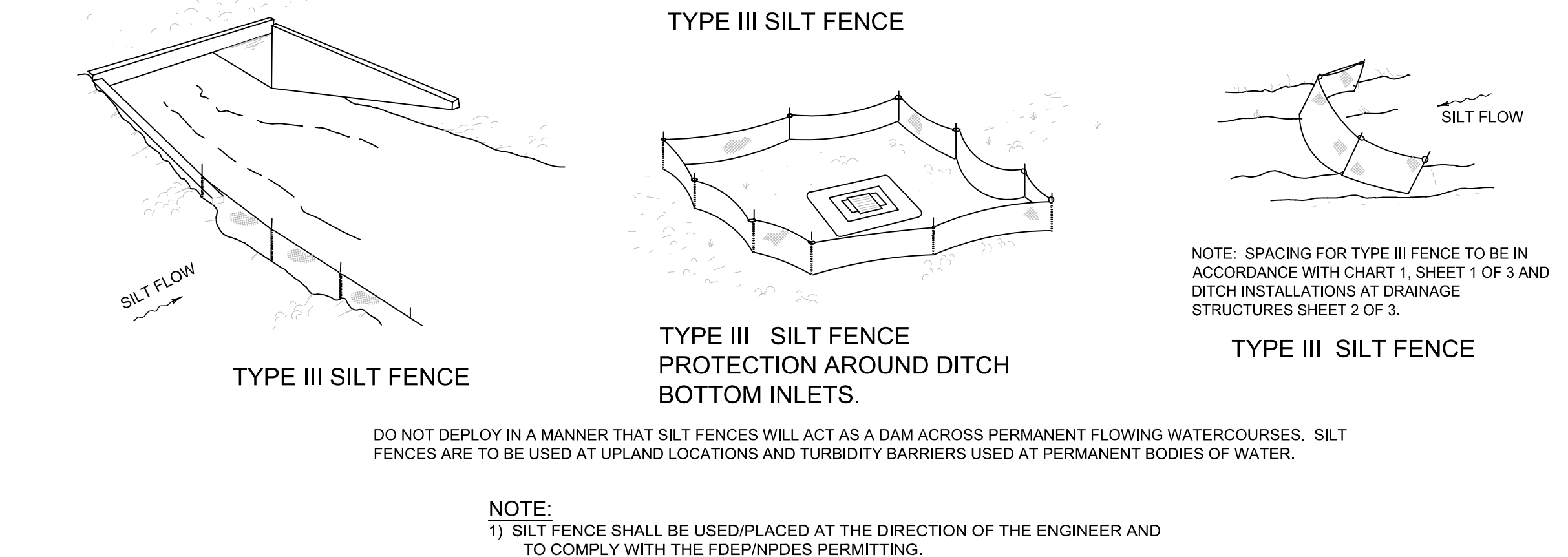
TITLE

GENERAL NOTES

PROJECT NO. 50182609

C1

SHEET NO.



EROSION AND SEDIMENT STORMWATER POLLUTION PREVENTION PLAN:

CONTROL NOTES:

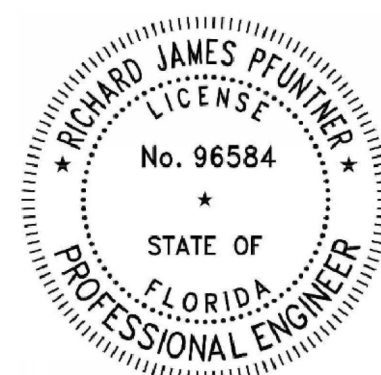
1. SITE DESCRIPTION:

- | | | |
|---|---|---|
| <p>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.</p> | <p>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.</p> | <p>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.</p> |
| <p>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 62/25, 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.</p> | <p>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 62/25, 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.</p> | <p>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 62/25, 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.</p> |
| <p>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.</p> | <p>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.</p> | <p>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.</p> |
| <p>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.</p> | <p>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.</p> | <p>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.</p> |
| <p>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.</p> | <p>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.</p> | <p>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.</p> |
| <p>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.</p> | <p>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.</p> | <p>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.</p> |
| <p>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.</p> | <p>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.</p> | <p>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.</p> |
| <p>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.</p> | <p>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.</p> | <p>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.</p> |
| <p>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 3:1. 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.</p> | <p>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 3:1. 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.</p> | <p>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 3:1. 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.</p> |
| <p>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.</p> | <p>TEMPORARY EROSION CONTROL BY ARTIFICIAL COVERINGS SHALL CONSIST OF STRAW BLANKETS, COCONUT F</p> | |



203 Aberdeen Parkway
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850.522.0644

NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA



RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE

NO SCALE

[illegible]

NO.	DESCRIPTION	DATE
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DRAWN BY RJF

APPROVED BY RJF

- CHECKED BY CSE

DATE AUGUST 2025

TITLE

SWPPP

PROJECT NO.

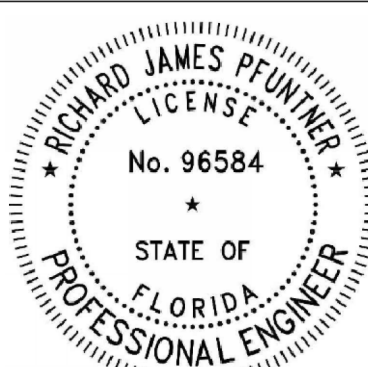
50182809

C2

SHEET NO.

NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL



RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE



REVISIONS

[illegible]

NO.	DESCRIPTION	DATE
DRAWN BY		RJP
APPROVED BY		RJP
CHECKED BY		CSB
DATE		AUGUST 2025

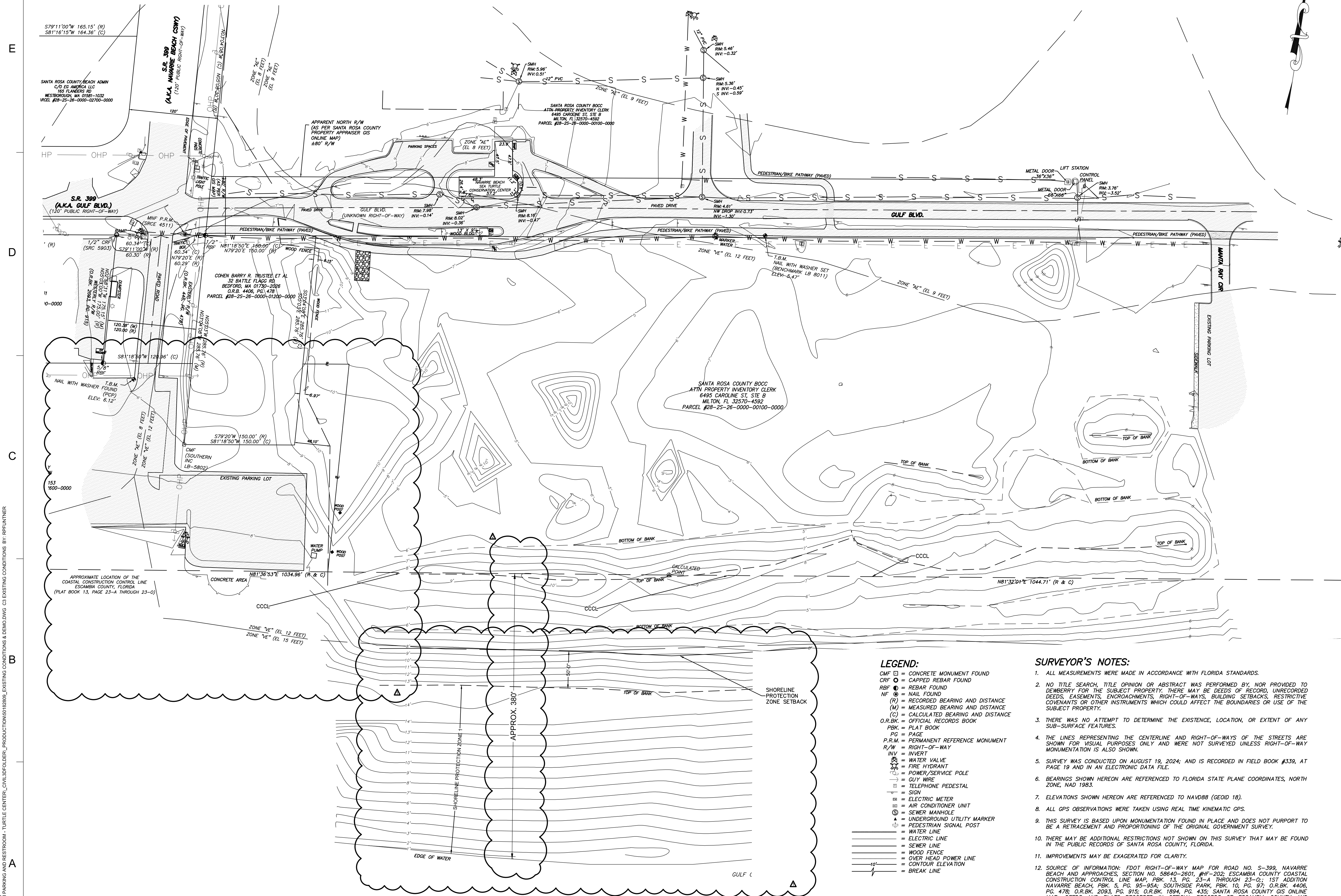
TITLE

EXISTING CONDITIONS

PROJECT NO.	50182809
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C3

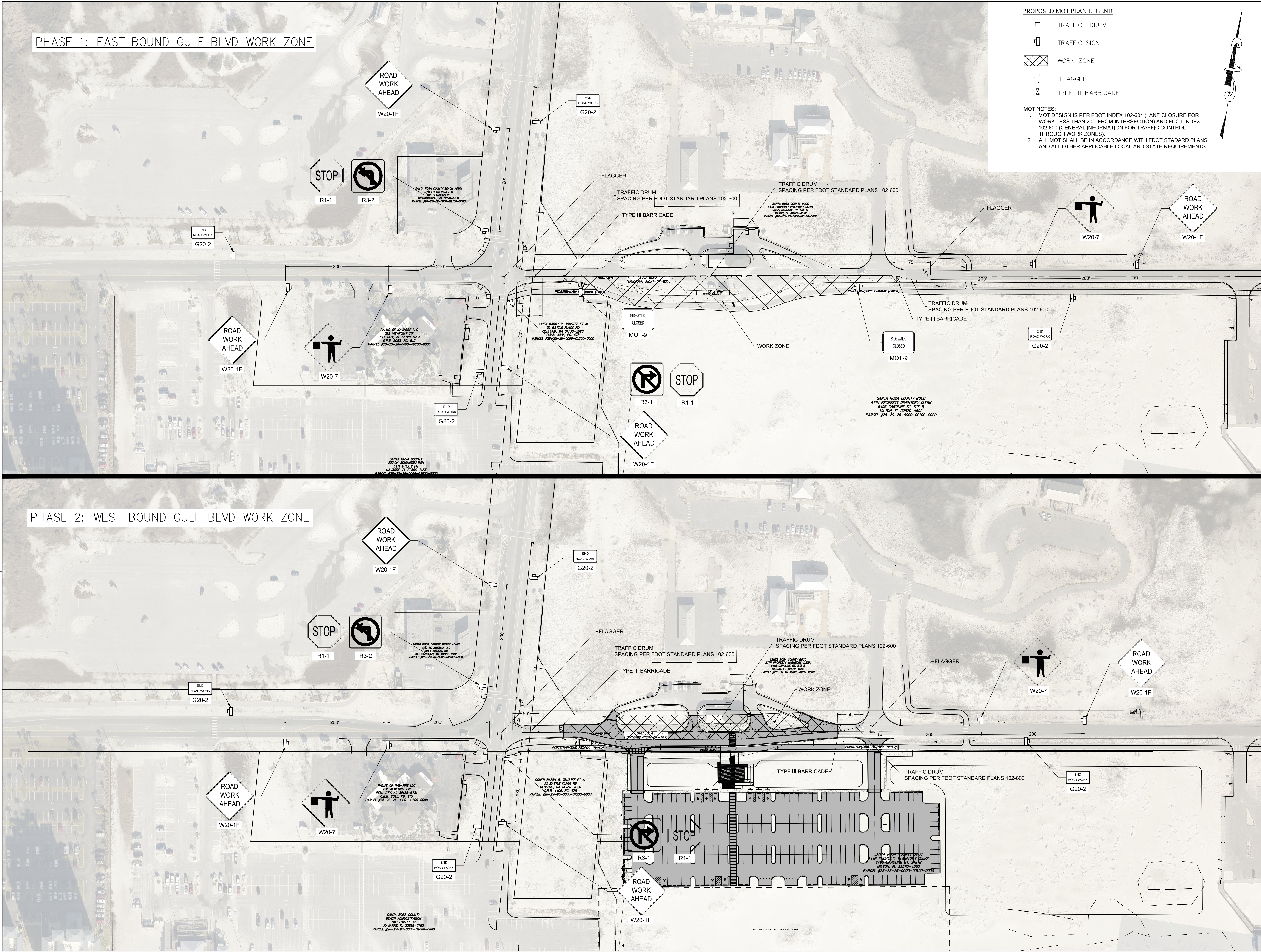
SHEET NO.



January 23, 2026 (12:09:34 EST)
TURTLE CENTER/ CIVIL3D/FOLDER/ PRODUCTION/50182809_EXISTING CONDITIONS & DEMO.DWG C3 EXISTING CONDITIONS BY: RPFUNTNER

January 20, 2026 (07:26:41 EST)
K:\50182809_NAVARE BEACH PARKING AND RESTROOM - TURTLE CENTER_CIVIL3\FOLDER_1\PRODUCTION\0182809_MOT.DWG C5 MOT PLAN BY: RPL/PLN

E
D
C
B
A



PROPOSED MOT PLAN LEGEND

- TRAFFIC DRUM
- TRAFFIC SIGN
- WORK ZONE
- FLAGGER
- TYPE III BARRICADE

MOT NOTES:

- MOT DESIGN IS PER FDOT INDEX 102-604 (LANE CLOSURE FOR WORK LESS THAN 200' FROM INTERSECTION) AND FDOT INDEX 102-600 (GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES).
- ALL MOT SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS AND ALL OTHER APPLICABLE LOCAL AND STATE REQUIREMENTS.

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NAVARRE BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

SEAL

RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE

0' 40' 80' 160'

SCALE: 1" = 80'

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY: RJP

APPROVED BY: RJP

CHECKED BY: CSB

DATE: AUGUST 2025

TITLE

MOT PLAN

PROJECT NO. 50182809

C5

SHEET NO.



1. *PLEASE NOTE THAT BASIN FOR INTERCONNECTED SWMFS #1 & #2 IS APPROXIMATELY 9.01 ACRES AND INCLUDES APPROXIMATELY 7.72 ACRES OF THE PROJECT'S DISTURBED AREA AND APPROXIMATELY 1.29 ACRES OF OFFSITE AREA AND POTENTIAL FUTURE IMPERVIOUS AREA WITHIN THE APPROXIMATELY 7.72 ACRES OF DISTURBED AREA. THE SWMF #1 & #2 BASIN ACCOUNTS FOR APPROXIMATELY 2.59 ACRES OF IMPERVIOUS AREA, 1.34 ACRES OF PERVIOUS AREA, AND 3.79 ACRES OF POND AREA.
2. THE REMAINING APPROXIMATE 0.79 ACRES OF DISTURBED AREA (0.61 ACRES OF IMPERVIOUS/0.18 ACRES OF PERVIOUS) DRAINS TO GULF BLVD AND FOLLOWS EXISTING DRAINAGE PATTERNS.
3. PLEASE SEE THE STORMWATER REPORT FOR MORE DETAIL.

1. PEDESTRIAN CROSSING SIGN SHALL BE EQUIPPED WITH PUSH-BUTTON LED RECTANGULAR RAPID FLASHING BEACON IN ACCORDANCE WITH MUTCD SECTIONS 2A.07 AND 2A.08 (TRAFFIC SAFETY CORP T560-RFFB LED RECTANGULAR RAPID FLASHING BEACON OR APPROVED EQUAL).



PROPOSED CONCRETE SIDEWALK

1. ALL STRIPING INTERNAL TO THE SITE SHALL BE INSTALLED WITH SLIP RESISTANT PAINT.
2. ALL STRIPING WITHIN COUNTY ROW SHALL BE THERMOPLASTIC.
3. ALL PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FDOT STANDARD PLANS 711-002.
4. SOUTH SIDE ADA PARKING IS PROVIDED FOR FUTURE PARK FEATURES DESIGN AND PERMITTED BY OTHERS.

1. PARKING LOT AND RESTROOM OPERATION WILL BE DAWN TO DUSK, THEREFORE, NO SITE LIGHTING WILL BE INSTALLED AS PART OF THIS PROJECT.

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NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

A circular professional engineer seal for the State of Florida. The outer ring contains the text "RICHARD JAMES PFUNTNER" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring, the word "LICENSE" is at the top, "No. 96584" is in the center, and "STATE OF FLORIDA" is at the bottom, also separated by two stars.

RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

0' 20' 40' 80'

SCALE: 1" = 40'

[illegible]

DRAWN BY	RJP
APPROVED BY	RJP
CHECKED BY	CSB
DATE	AUGUST 2025

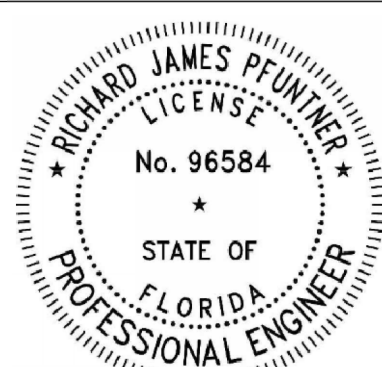
SITE PLAN

C6

SHEET NO.

NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

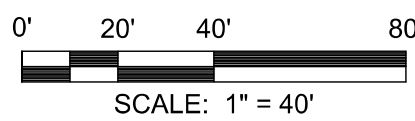
SEAL



RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE



REVISIONS

	DEVELOPMENT ORDER COMMENTS	7/1/25
	FWC COMMENTS	1/30/26

NO.	DESCRIPTION	DATE
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DRAWN BY RJ

APPROVED BY RJ

— CHECKED BY _____ CSI _____

DATE AUGUST 2025

TITLE

GRADING & DRAINAGE PLAN

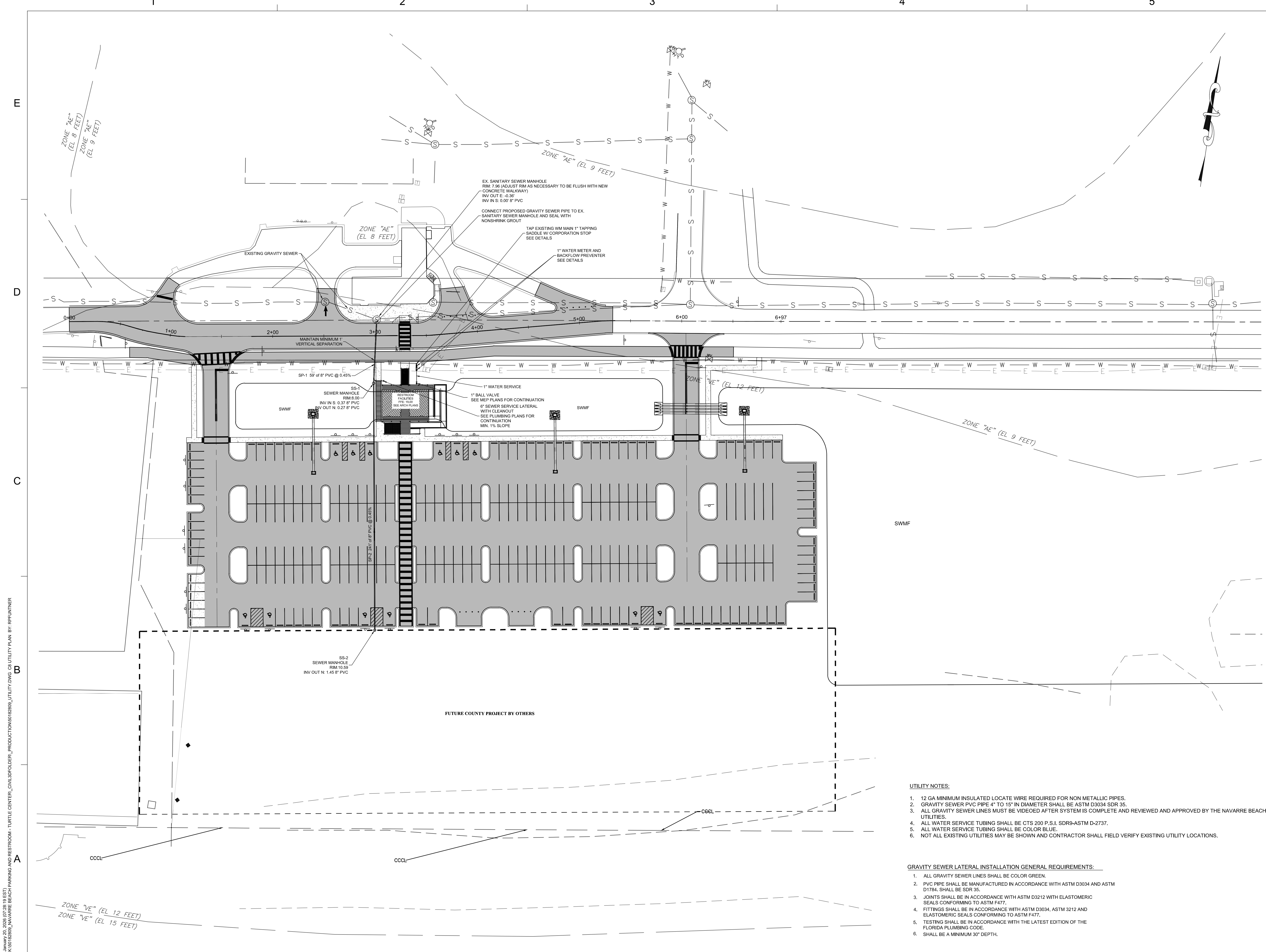
PROJECT NO.	50182809
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C7

SHEET NO.



January 20, 2025 (07:28:19 EST)
K:\50182809\NAVARRE BEACH PARKING AND RESTROOM - TURTLE CENTER_CIVIL3\FOLDER_PRODUCTION\0182809_UTILITY DWG C8 UTILITY PLAN BY: RPFUNTNER



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NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL
RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE
0' 20' 40' 80'
SCALE: 1" = 40'

REVISIONS		
NO.	DESCRIPTION	DATE

DRAWN BY _____ RJP
APPROVED BY _____ RJP
CHECKED BY _____ CSB
DATE _____ AUGUST 2025

TITLE
UTILITY PLAN

PROJECT NO. 50182809

C8

SHEET NO.

January 23, 2026 (12:14:09 EST)
K:\50182809_NAVARRE BEACH PARKING AND RESTROOM - TURTLE CENTER_CIVIL3D\FOLDER_PRODUCTION\0162809_SWMF.DWG C9 SWMF DETAILS BY RPLINTNER

E

D

C

B

A

STORMWATER OPERATION/MAINTENANCE PLAN OPERATION AND MAINTENANCE ENTITY IS SANTA ROSA COUNTY. **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.

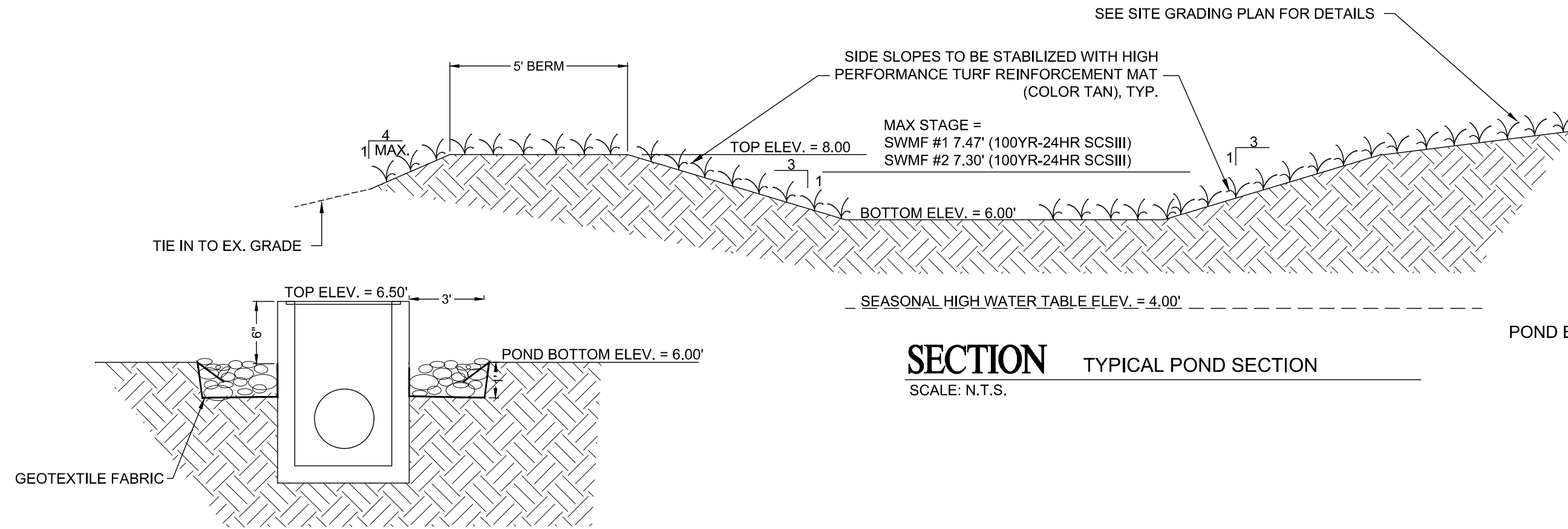
PERIODIC POND/SYSTEM MAINTENANCE

1. CLEANING/SWEEPING OF PAVEMENT AREAS SHALL BE ACCOMPLISHED WEEKLY OR AS REQUIRED.
2. INSPECT POND 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 GROWTH 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/DETENTION AREAS AS REQUIRED TO MAINTAIN THE APPROVED DESIGN, CROSS-SECTION, LINE, AND GRADE.
7. REMOVE SEDIMENT FROM POND WHEN ACCUMULATION 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 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.

STORMWATER BUBBLE-UP STRUCTURE DETAIL SCALE: N.T.S.



SECTION SCALE: N.T.S.

STORMWATER MANAGEMENT FACILITY DESIGN NOTES:

1. STORMWATER MANAGEMENT FACILITIES DESIGNED PER THE NAVARRE BEACH PARKING & RESTROOM - TURTLE CENTER STORMWATER MANAGEMENT REPORT DATED JANUARY 23, 2025. PLEASE SEE THE REPORT FOR DESIGN INFORMATION AND RESULTS.

SIDE SLOPES TO BE STABILIZED WITH HIGH PERFORMANCE TURF REINFORCEMENT MAT (COLOR TAN), TYP.

6" X 6" KEY IN TOP OF SLOPE

6" X 6" KEY IN BOTTOM OF SLOPE

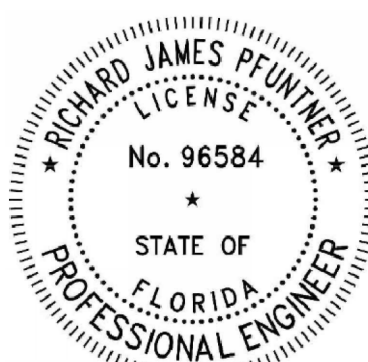
STORMWATER POND SIDE SLOPE DETAIL N.T.S.



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NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

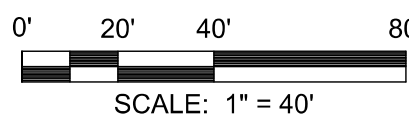
SEAL



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EB 0008794

FINAL BIDDING DOCUMENTS

SCALE



REVISIONS

NO.	DESCRIPTION	DATE
1	FWC COMMENTS	1/30/26

DRAWN BY _____ RJP

APPROVED BY _____ RJP

CHECKED BY _____ CSB

DATE _____ AUGUST 2025

TITLE

SWMF PLAN AND DETAILS

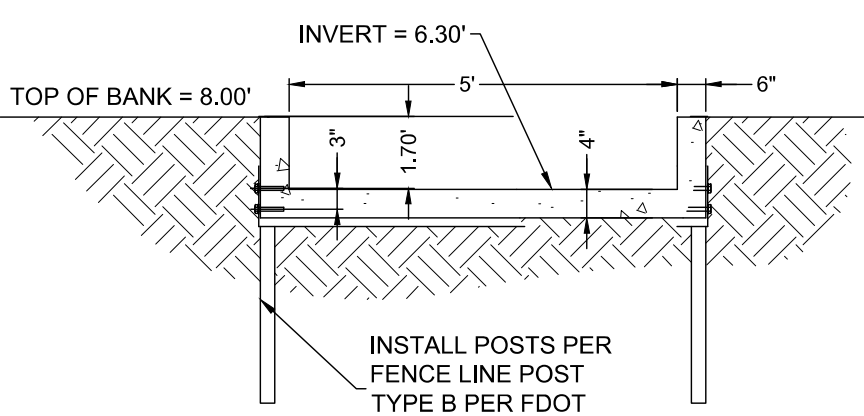
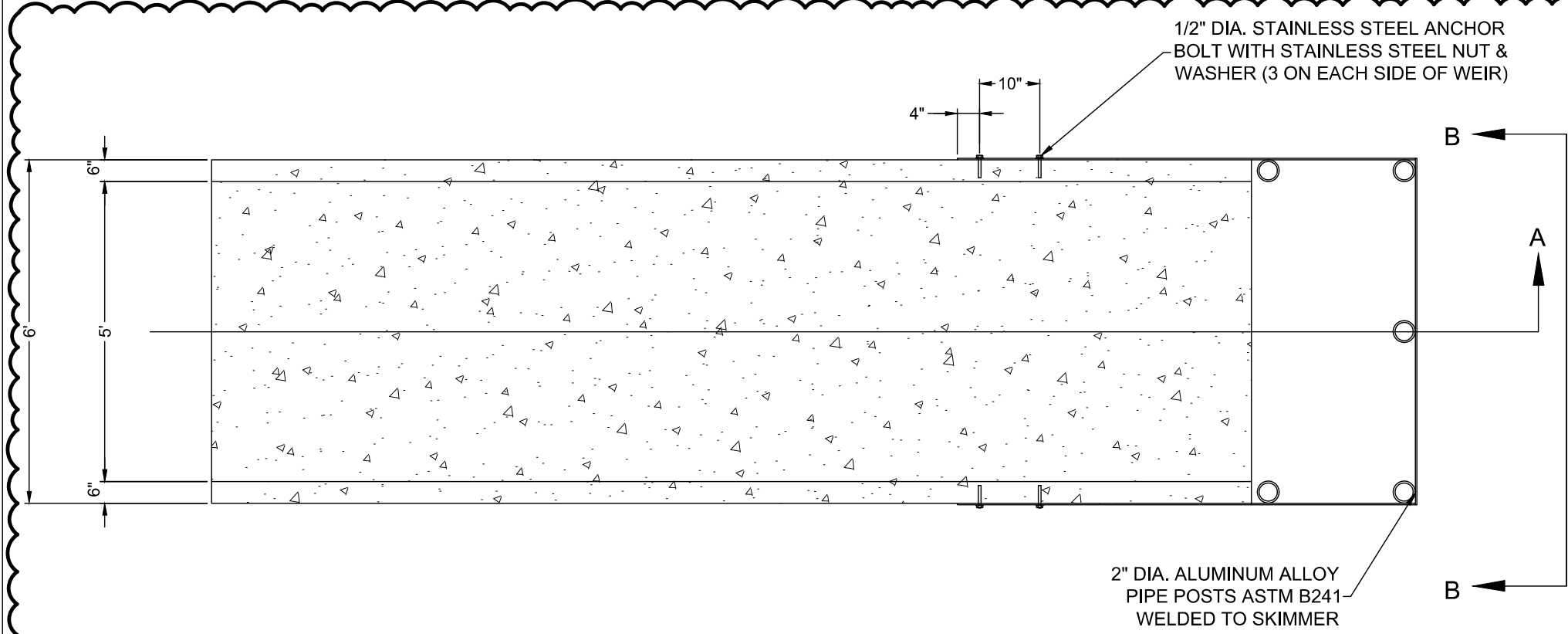
PROJECT NO. 50182809

C9

SHEET NO.

DETAIL SCALE: N.T.S.

OVERFLOW WIER / DISCHARGE STRUCTURE WITH SKIMMER



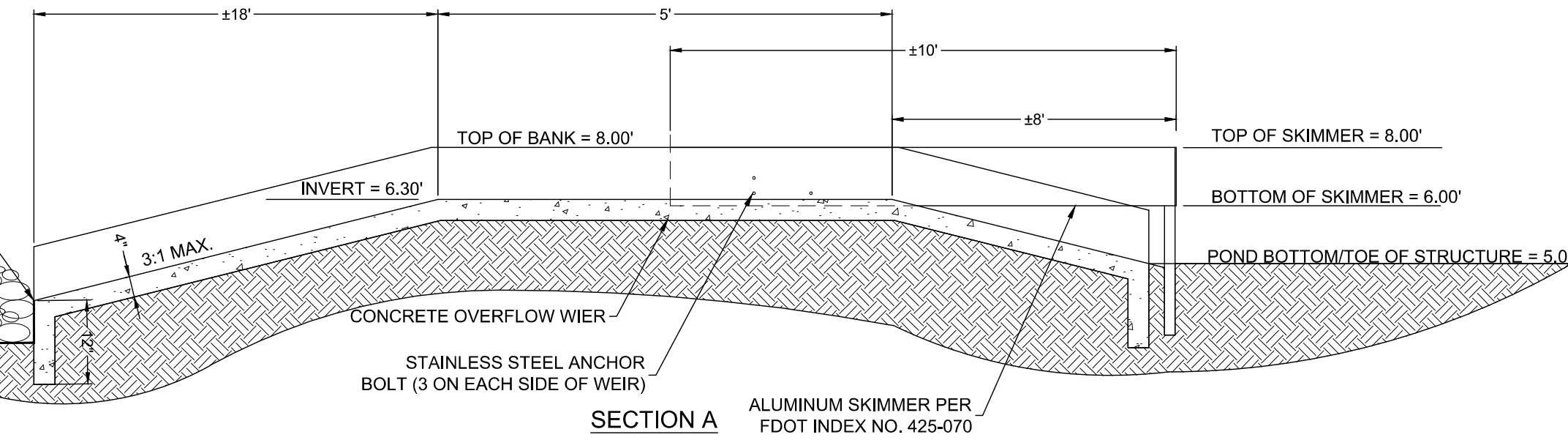
SECTION B

TOE OF STRUCTURE = 3.50'

15 SY CLASS 1 RIP RAP (DITCH LINING) PER FDOT STANDARD SPECIFICATION 530-2.2.2.

ELEV. = 3.50'

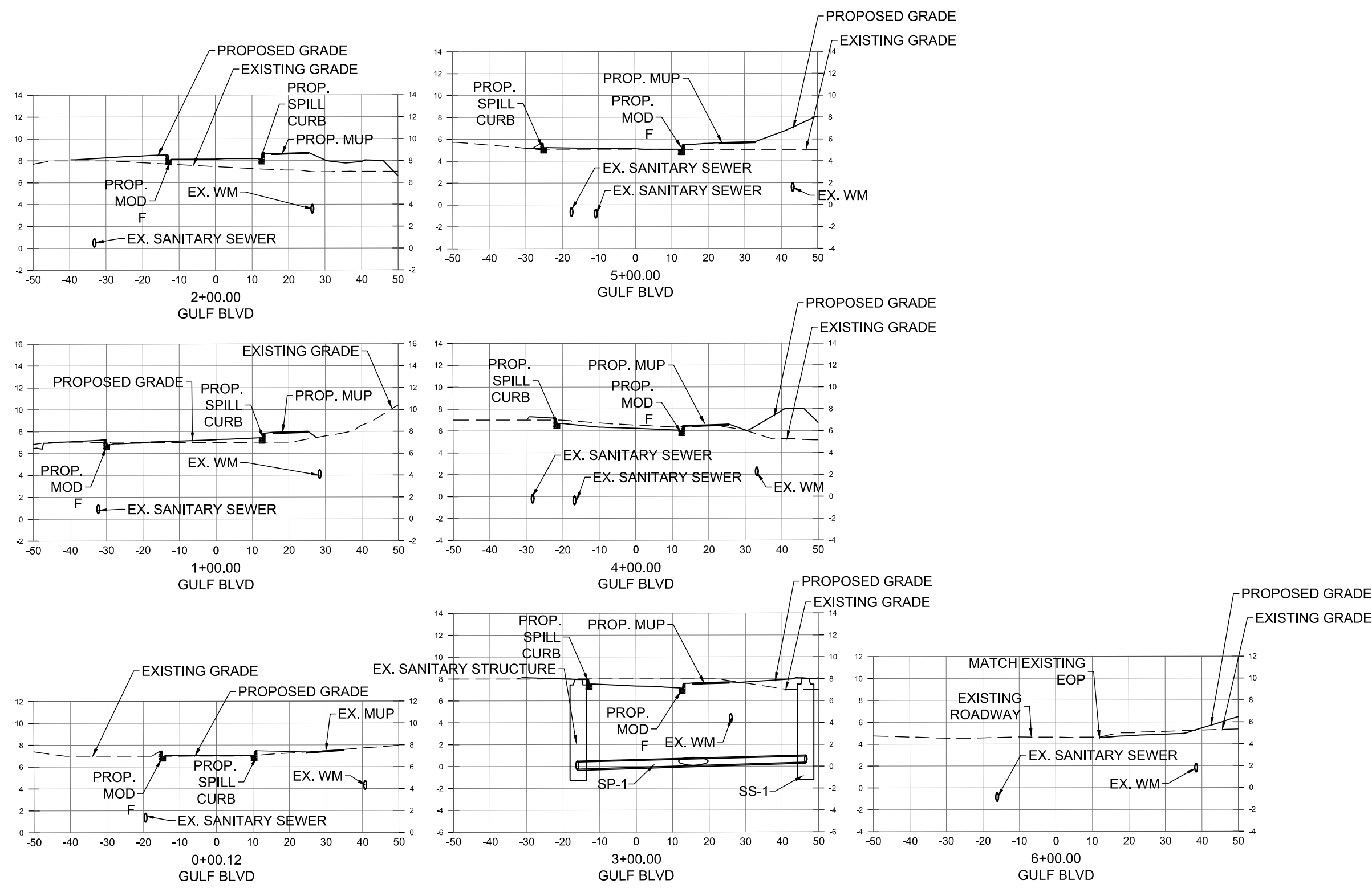
GEOTEXTILE FABRIC



SECTION A

ALUMINUM SKIMMER PER FDOT INDEX NO. 425-070

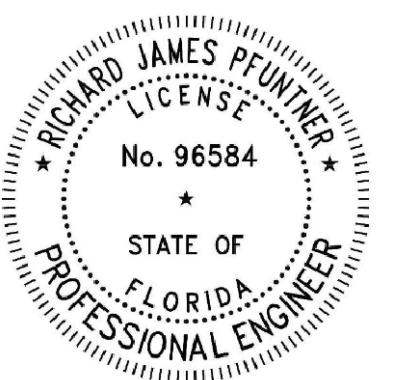
January 20, 2025 (07:28:58 EST)
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NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL



RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE

HORIZONTAL 0' 15' 30' 60'

SCALE: 1" = 30'

VERTICAL

0' 1.5' 3' 6'

SCALE: 1" = 3'

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY RJP

APPROVED BY RJP

CHECKED BY CSB

DATE AUGUST 2025

TITLE

ROADWAY
CROSS SECTIONS

PROJECT NO. 50182809

C10

SHEET NO.

January 20, 2026 (07:30:06 EST)
K:\50182809_NAVARE BEACH PARKING AND RESTROOM - TURTLE CENTER_CIVIL3D\FOLDER_1\PRODUCTION\0102809_DETAILS.DWG D1 - MISC DETAILS BY: RPFUNTNER

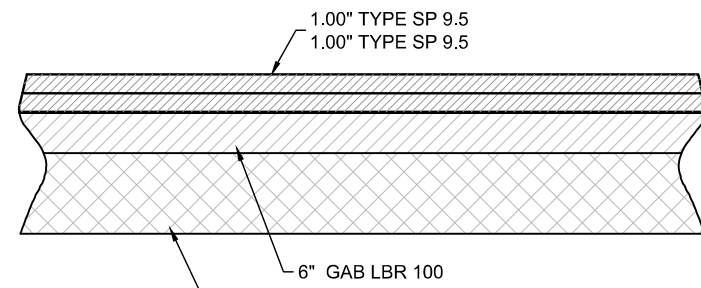
E

D

C

B

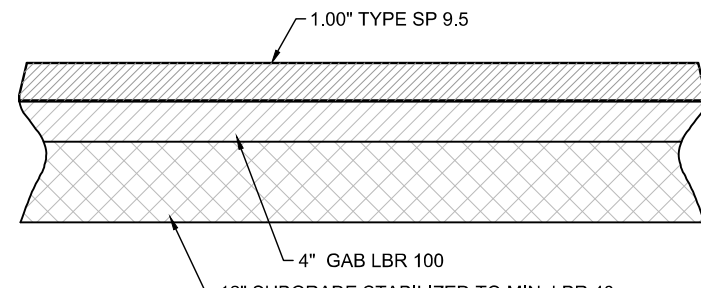
A



NOTE:

1. FINAL 1.00\"/>

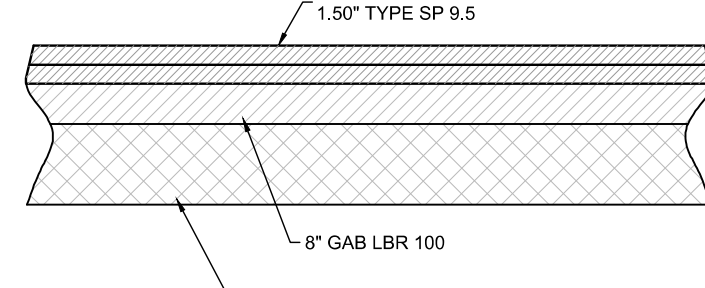
DETAIL LIGHT DUTY ASPHALT PAVEMENT (SP 9.5)
SCALE: N.T.S.



NOTE:

1. SUBGRADE SHALL BE COMPACTED TO 98% OF THE MODIFIED PROCTOR.
2. BASE SHALL BE COMPACTED TO 100% OF THE MODIFIED PROCTOR.

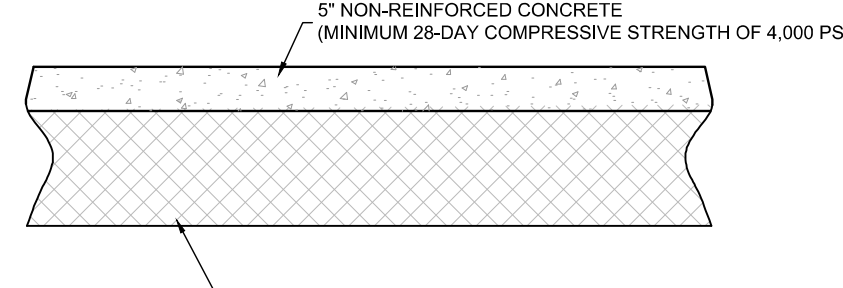
DETAIL MULTI-USE PATHWAY (MUP) PAVEMENT SECTION
SCALE: N.T.S.



NOTE:

1. FINAL 1.00\"/>

DETAIL MEDIUM DUTY ASPHALT PAVEMENT
SCALE: N.T.S.



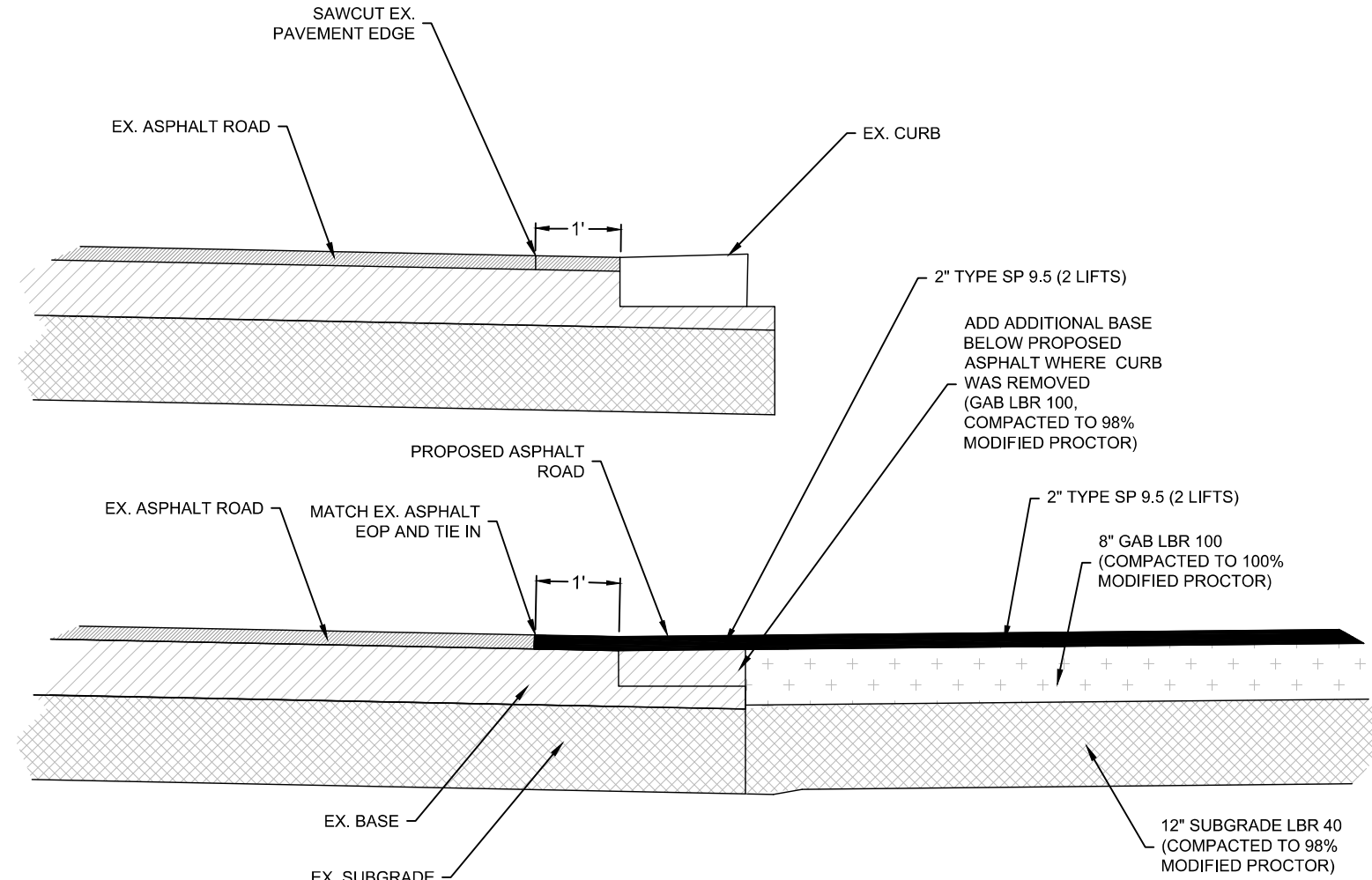
NOTE:

1. SUBGRADE SHALL BE COMPACTED TO 98% OF THE MODIFIED PROCTOR.
2. MAXIMUM CONTROL JOINT SPACING OF 12'X12'
3. SAWCUT DEPTH 1.5 INCHES

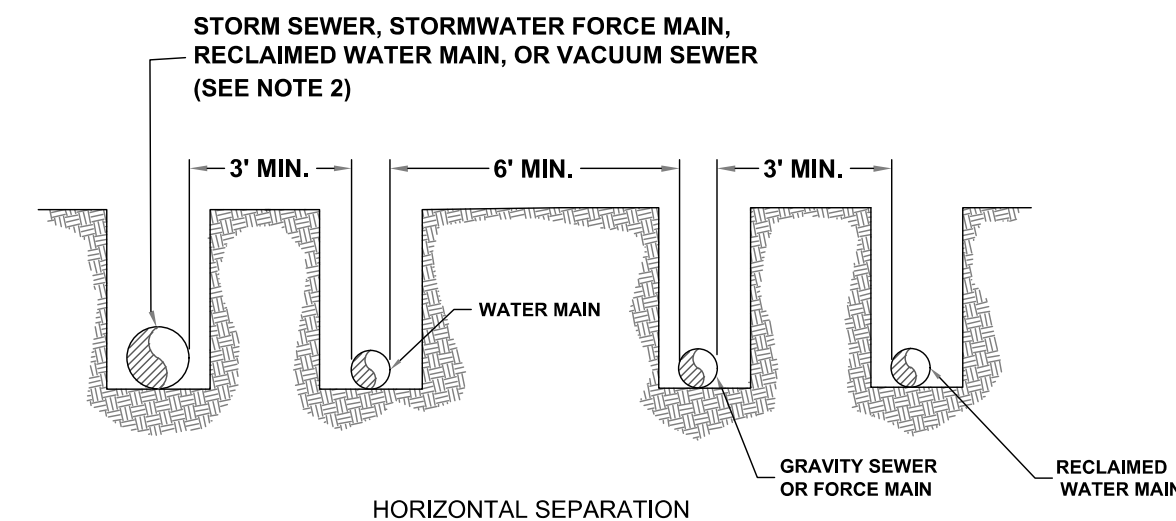
DETAIL MOTORCYCLE PARKING CONCRETE SECTION
SCALE: N.T.S.

PAVEMENT DESIGN NOTES:

1. LIGHT/MEDIUM DUTY PAVEMENT AND CONCRETE SECTIONS SHALL FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORTS BY LMJ DATED OCTOBER 4, 2024.



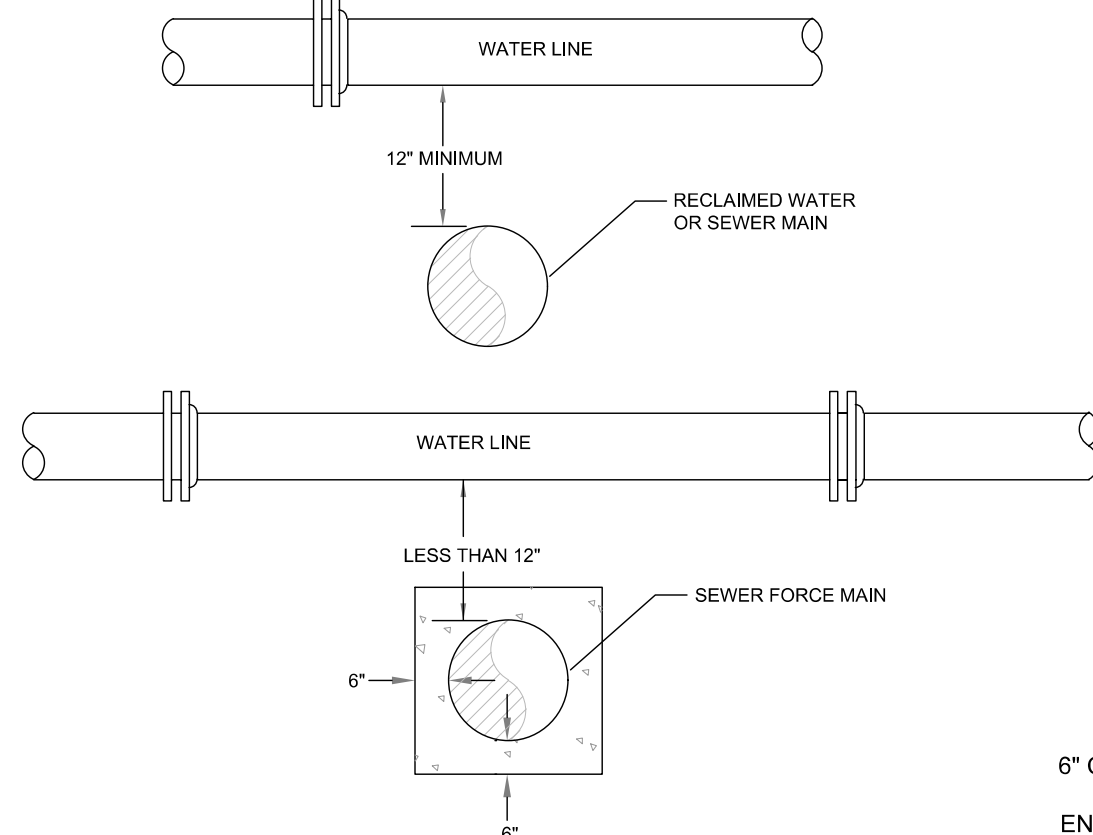
DETAIL PAVEMENT ABUTMENT
SCALE: N.T.S.



NOTES:

1. WATER MAIN SEPARATION FROM GRAVITY SEWER MAINS AND FORCEMAINS : THE MINIMUM HORIZONTAL DISTANCE BETWEEN THE OUTSIDE OF A WATERMAIN AND SEWER MAIN SHALL BE 6 FEET, WHILE 10 FEET IS PREFERRED.
2. THE MINIMUM HORIZONTAL DISTANCE BETWEEN OUTSIDE OF A WATER MAIN AND STORMWATER, RECLAIMED WATER, OR VACUUM SEWER SHALL BE 3 FEET. FOR SEPARATION BETWEEN WATER MAIN AND VACUUM SEWER 10 FEET IS PREFERRED.
3. THE MINIMUM SEPARATION DISTANCE BETWEEN OUTSIDE OF A RECLAIMED WATER MAIN AND GRAVITY SEWER OR FORCEMAIN SHALL BE 3 FEET.

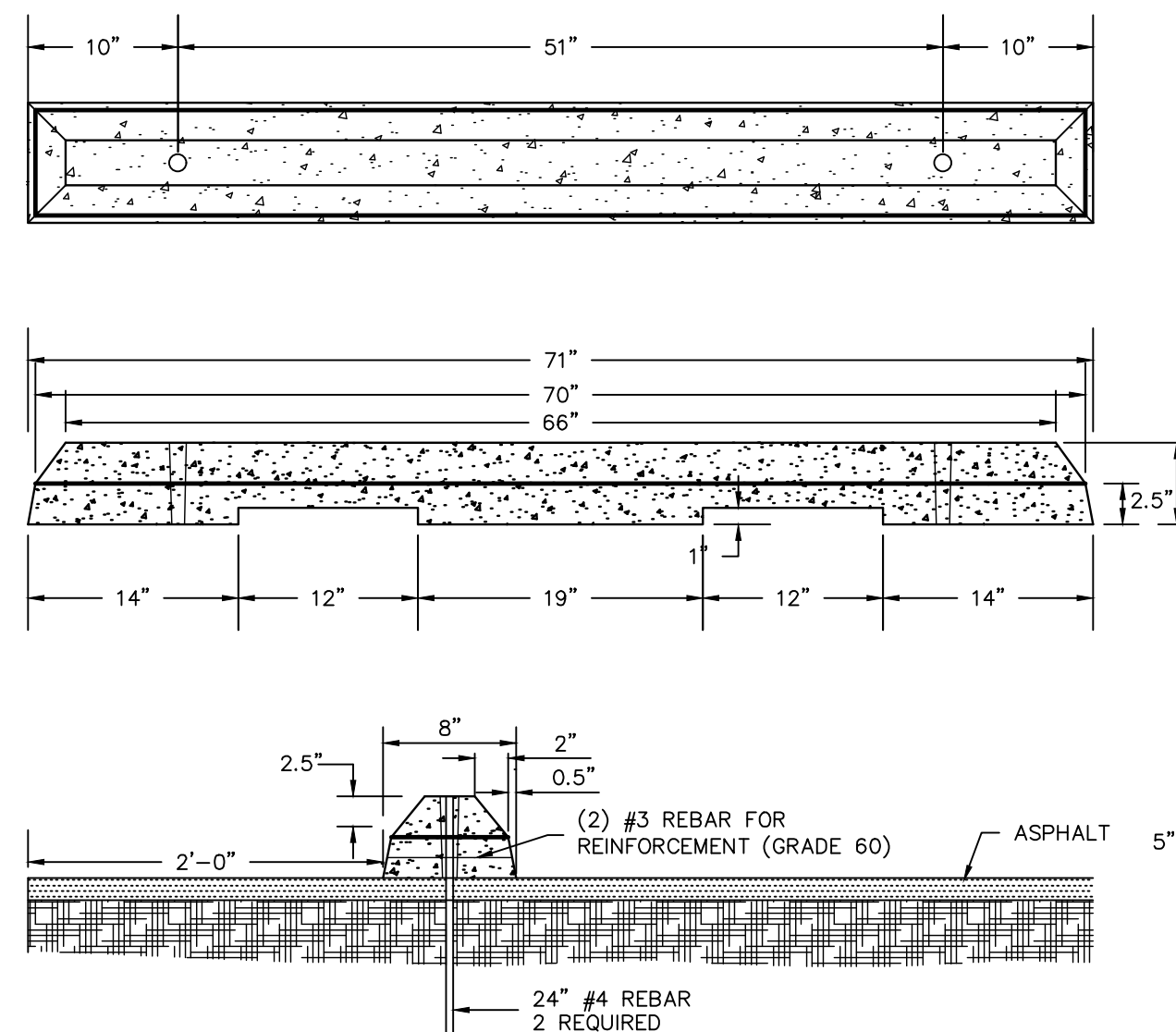
DETAIL - WATER / SEWER STANDARD HORIZONTAL SEPARATION
SCALE: N.T.S.



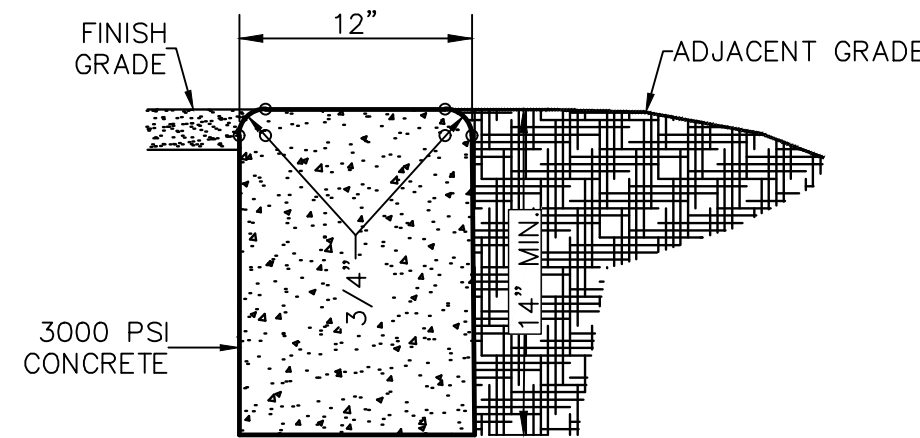
DETAIL - CONCRETE ENCASEMENT
SCALE: N.T.S.

6\"/>

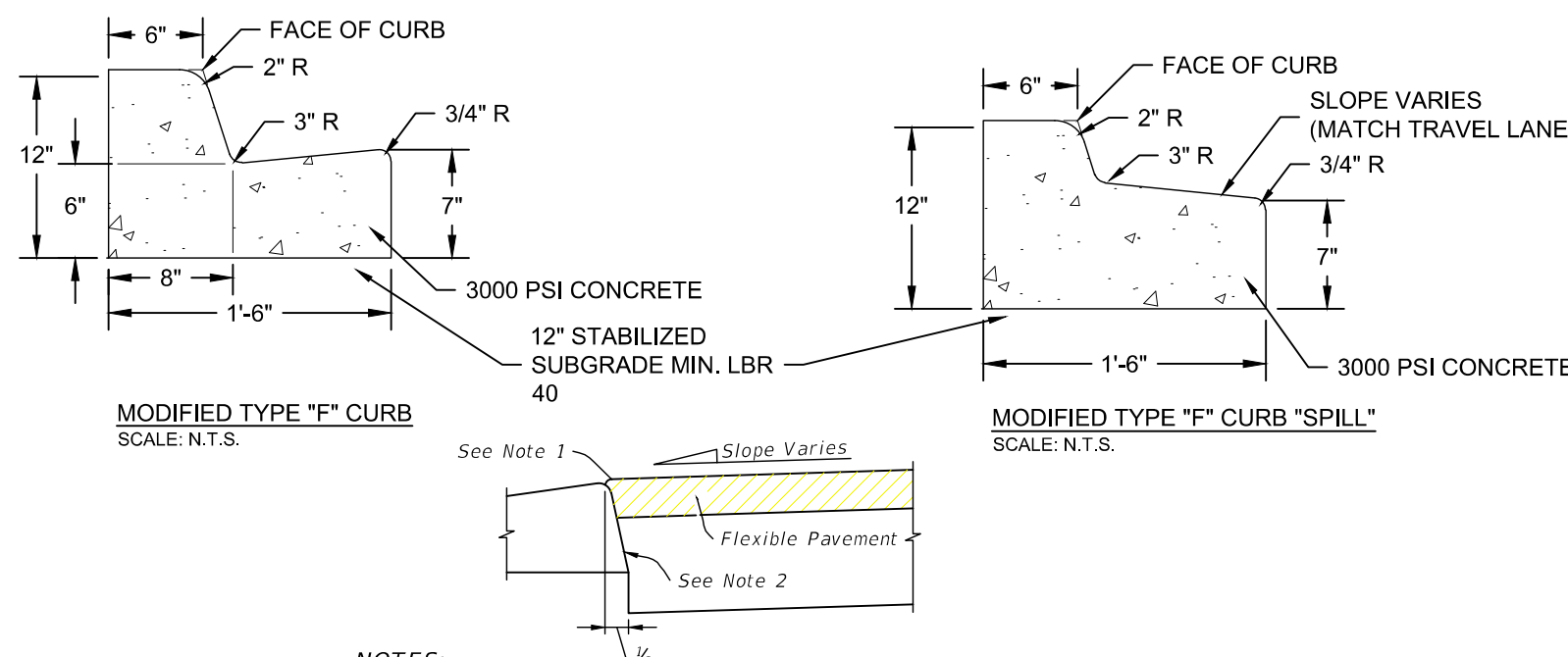
DETAIL - WATER & SEWER MAIN CROSSING/SEPARATION
SCALE: N.T.S.



PRECAST CONCRETE PARKING BUMPER
NOT TO SCALE



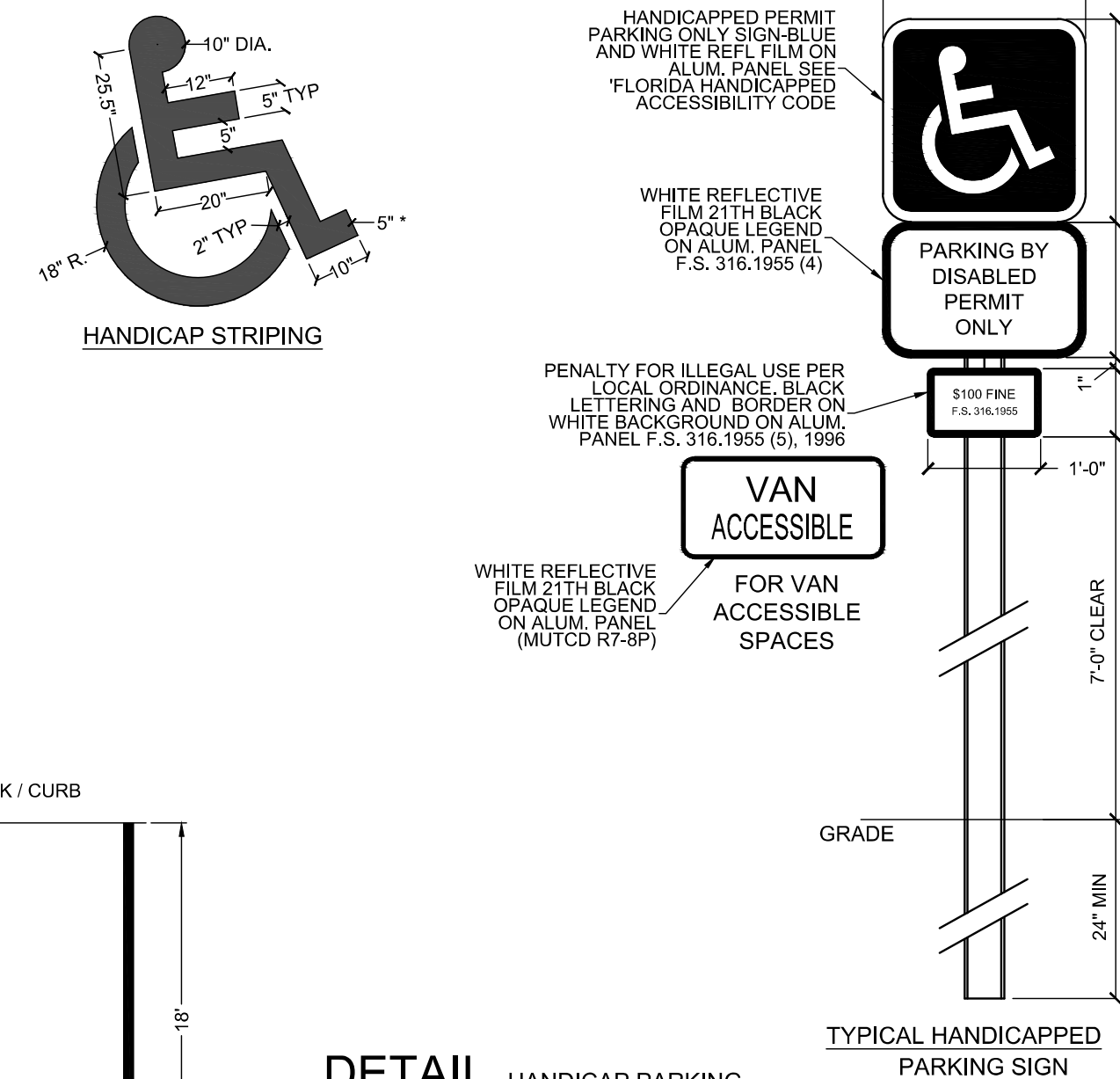
CONCRETE RIBBON CURB



NOTES:

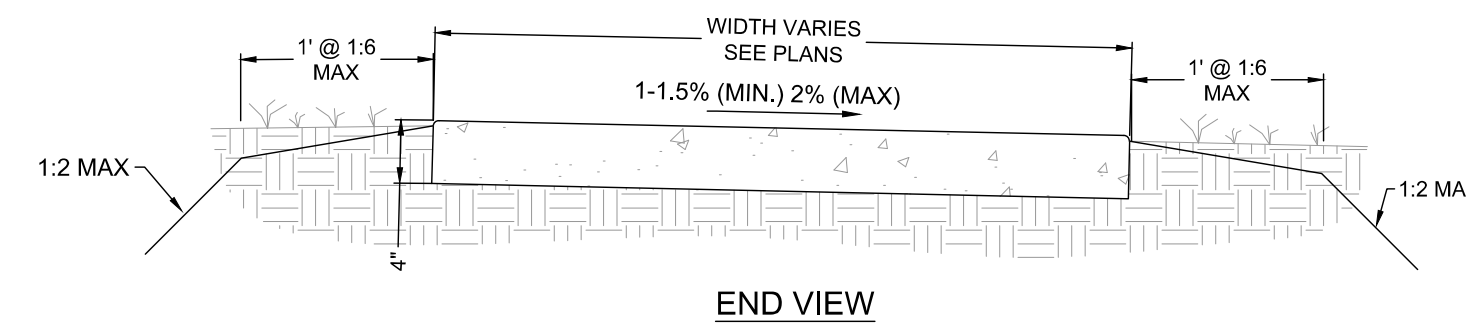
1. Surface on Low Side of Pavement to be 1/4\"/>

CURB AND GUTTER AND TYPE F CURB ADJACENT TO FLEXIBLE PAVEMENT

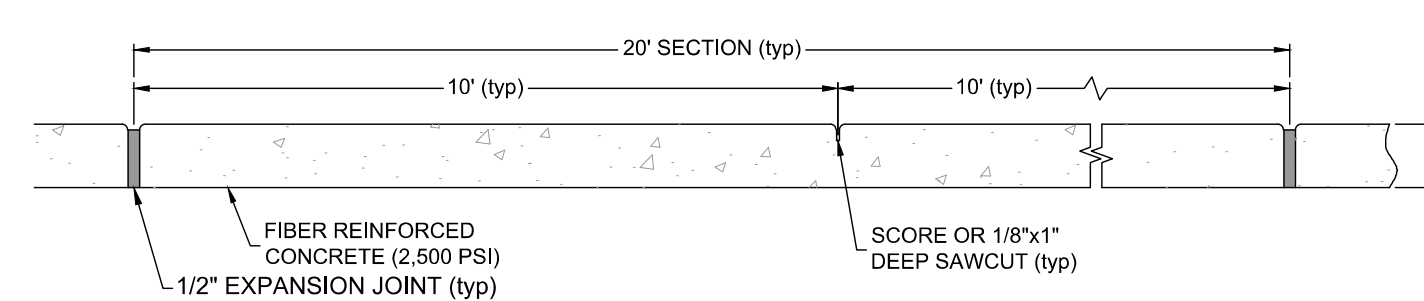


DETAIL HANDICAP PARKING
SCALE: N.T.S.

* COLOR CONTRAST CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND - EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
EACH PARKING SPACE SHALL BE CONSPICUOUSLY OUTLINED IN BLUE PAINT, AND SHALL BE POSTED AND MAINTAINED WITH A PERMANENT, ABOVE-GRADE SIGN BEARING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY OR THE CAPTION "PARKING BY DISABLED PERMIT ONLY," OR BEARING BOTH SUCH SYMBOL AND CAPTION. SUCH SIGNS SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE. ALL HANDICAPPED PARKING SPACES MUST BE SIGNED AND MARKED IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE DEPARTMENT OF TRANSPORTATION.



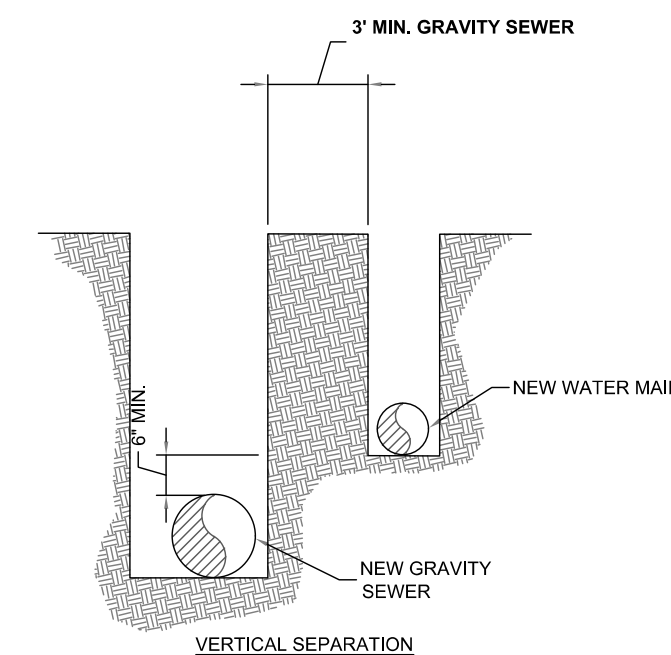
END VIEW



NOTES:

1. SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 522.
2. DETECTABLE WARNINGS SHALL CONFORM TO THE REQUIREMENTS IN FDOT INDEX NO. 522.
3. FOR TURNOUTS SEE FDOT INDEX NO. 515
4. CONSTRUCT SIDEWALKS WITH A 1'-0" THICK EDGE BEAM ALONG EDGE OF PAVEMENT
5. WHEN DRIVEWAYS ARE NEWLY CONSTRUCTED, RECONSTRUCTED, OR ALTERED, CROSS SLOPES FOR DISCONTINUOUS SIDEWALKS SHALL NOT EXCEED 2%.
6. SIDEWALKS SHALL BE CONSTRUCTED TO THE REQUIREMENTS OF THE LATEST EDITIONS OF THE FLORIDA PEDESTRIAN FACILITIES PLANNING DESIGN HANDBOOK, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE APPROPRIATE INDICES OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARDS PLANS, AND THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS (THE FLORIDA GREENBOOK) AND MEET ALL ADA REQUIREMENTS.

DETAIL CONCRETE SIDEWALK
SCALE: N.T.S.

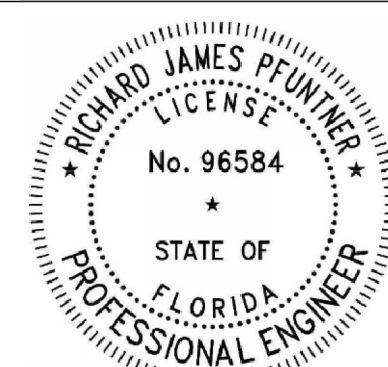


DETAIL - EXCEPTION TO WATER / SEWER HORIZONTAL SEPARATION
SCALE: N.T.S.

NOTES:

1. WHERE A 6\"/>
2. WATER MAIN SEPARATION FROM VACUUM SEWER : THE DISTANCE BETWEEN A WATER MAIN AND A VACUUM SEWER LINE SHALL BE A MINIMUM OF 5' BUT A SEPARATION OF 10' IS PREFERRED.
3. WHERE HORIZONTAL SEPARATION BETWEEN WATER AND PRESSURE SEWERMAIN, IS LESS THAN REQUIRED, PRESSURE-RATED PIPE CONFORMING TO THE AWWA STANDARDS INCORPORATED INTO RULE 62-555-.330 F.A.C. SHALL BE USED. WHERE THE HORIZONTAL SEPARATION BETWEEN WATER AND GRAVITY SEWERMAIN OR VACUUM SEWERMAIN IS LESS THAN REQUIRED, WELDED, FUSED, OR OTHERWISE, RESTRAINED JOINTS FOR EITHER THE WATERMAIN OR THE PIPELINE SHALL BE USED. ALTERNATELY, THE WATERMAIN AND PIPELINE COULD UTILIZE WATER TIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST 4\"/>
4. WHERE MINIMUM HORIZONTAL SEPARATION BETWEEN WATER AND GRAVITY SEWER, PRESSURE SEWER, OR RECLAIMED WATER MAIN IS NOT MAINTAINED, THE NEW WATER AND NEW SEWER SHALL BE CONCRETE ENCASED 4 INCHES OR CASING PIPE WITH IMPACT STRENGTH EQUAL TO THAT OF 0.25 INCH THICK DUCTILE IRON PIPE MUST BE USED ON BOTH THE WATER AND THE SEWER.
5. PER THE REQUIREMENTS OF RULE 62-555.314(5)(A) AND (B) F.A.C. IF MINIMUM HORIZONTAL SEPARATION IS NOT MAINTAINED, A TECHNICAL OR ECONOMIC JUSTIFICATION MUST BE PROVIDED TO FDOT.

SEAL



RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE

NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY _____ RJP
APPROVED BY _____ RJP
CHECKED BY _____ CSB
DATE _____ AUGUST 2025

TITLE

MISC. DETAILS

PROJECT NO. 50182809

D1

SHEET NO.

January 20, 2025 (07:30:05 EST)
K:\50182809_NAVARRE BEACH PARKING AND RESTROOM - TURTLE CENTER_CIVIL3\FOLDER_PRODUCTION\0182809_DETAILS.DWG 02- MISC DETAILS BY: RJPUNTER

E

D

C

B

A

SANTA ROSA COUNTY ENGINEERING TESTING FREQUENCIES

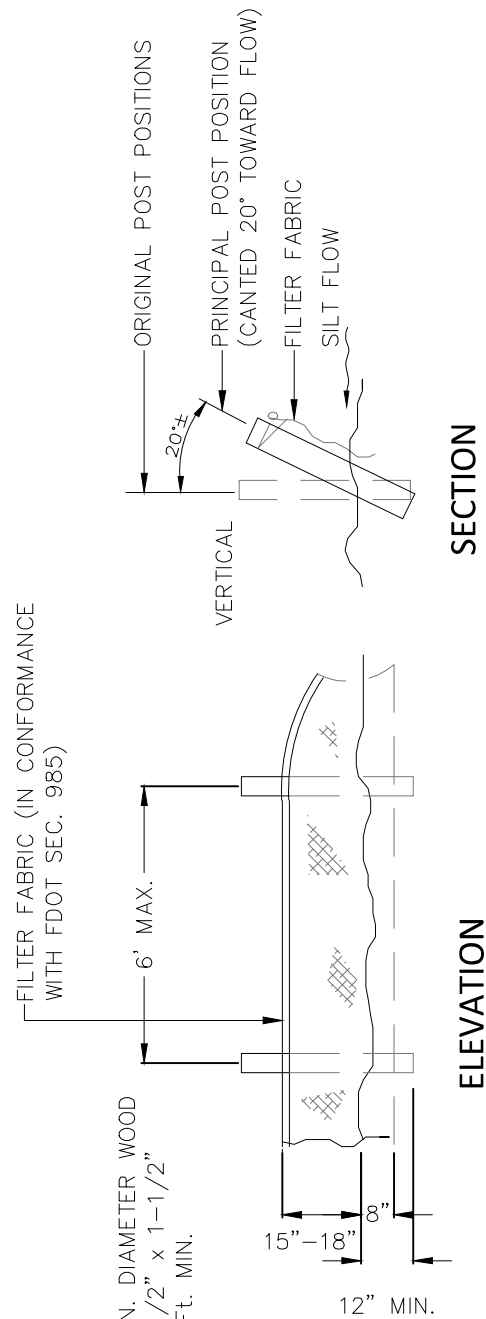
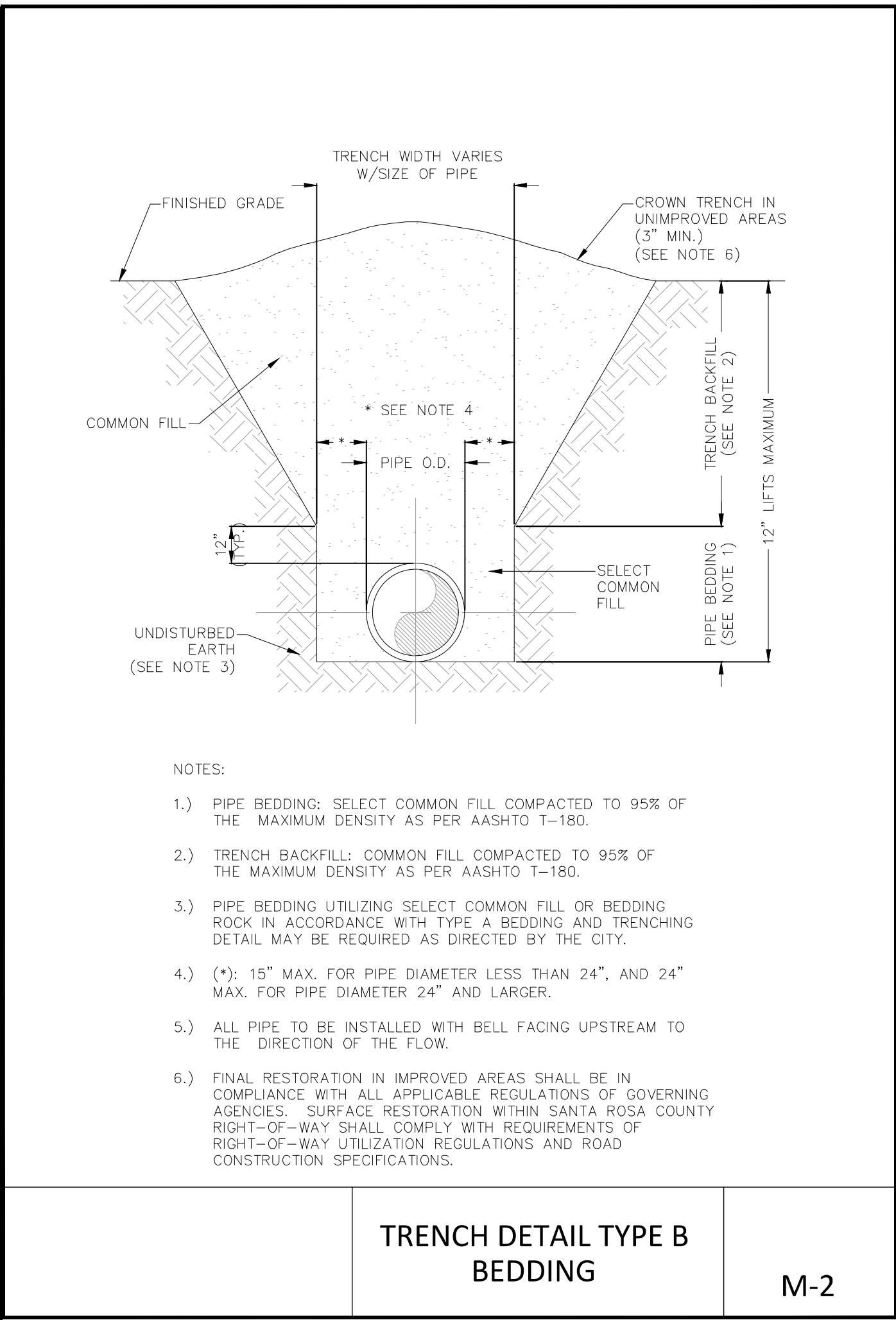
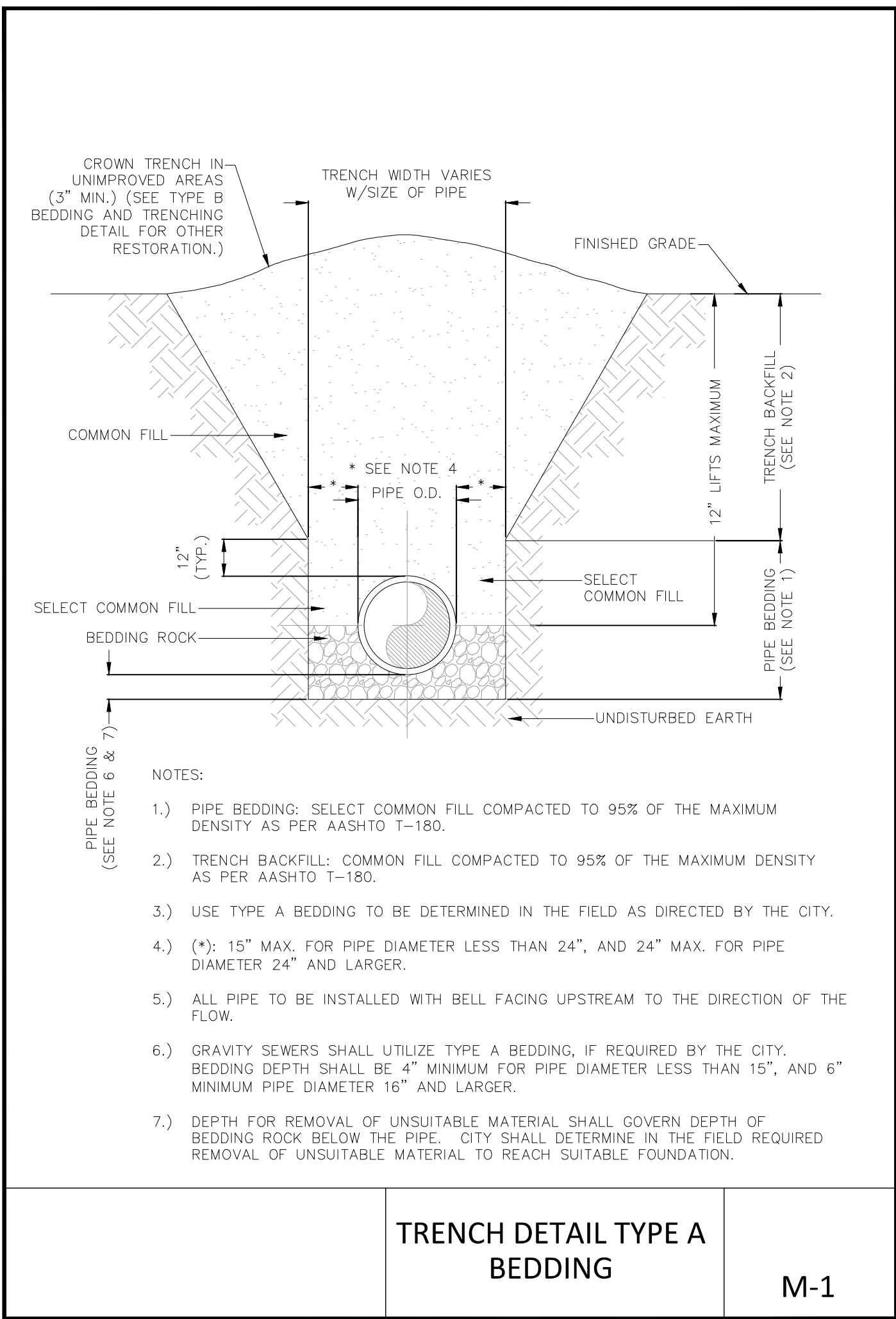
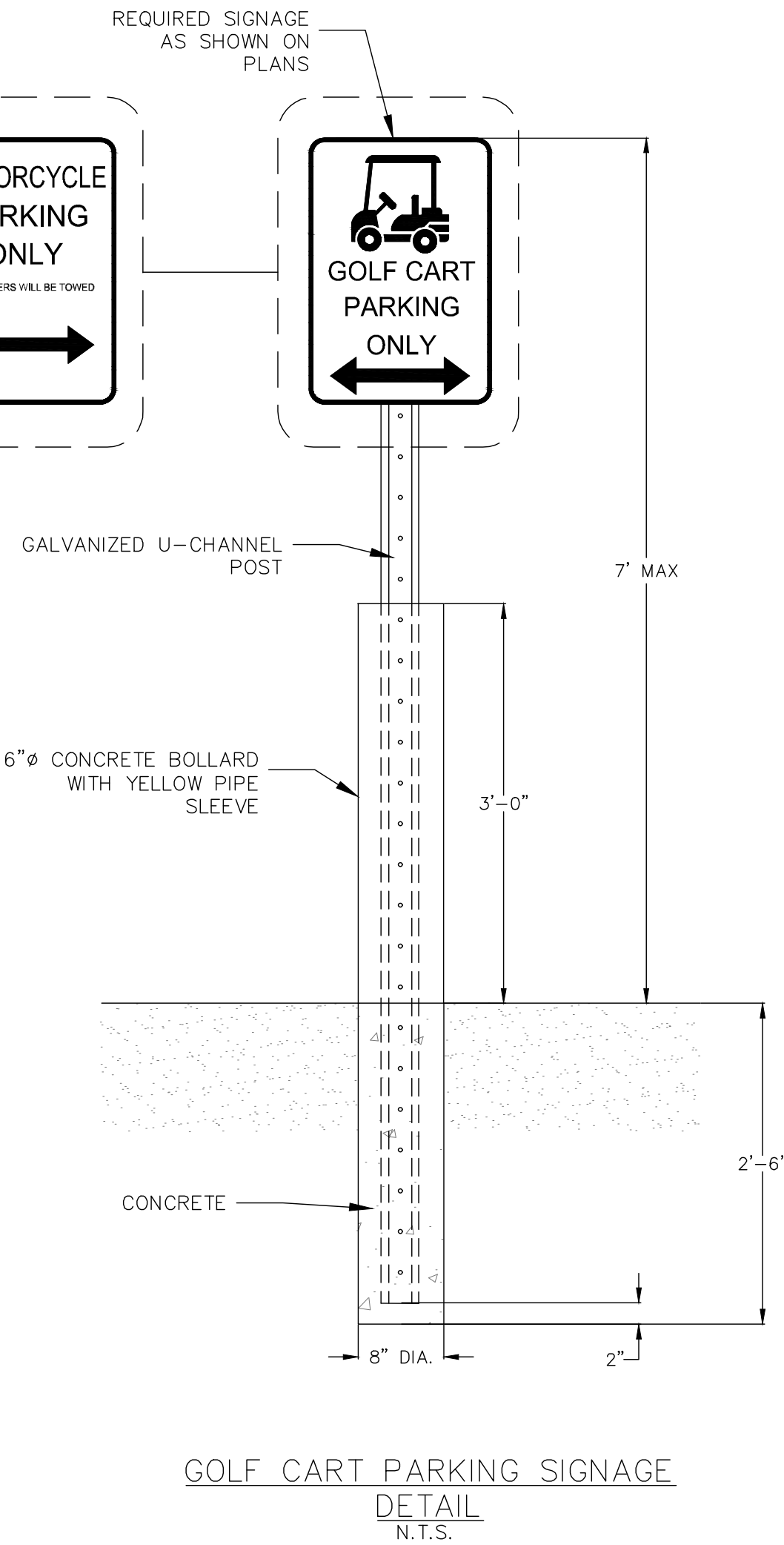
CURBPAD—TEST AT 300 FEET INTERVALS, ALTERNATING FROM CURBPAD TO CURBPAD AND OTHER LOCATIONS AS DIRECTED BY THE COUNTY ENGINEERING DEPARTMENT.

SUBGRADE—TEST AT 300 FEET INTERVALS, ALTERNATING FROM LEFT SIDE TO CENTERLINE TO RIGHT SIDE WITH ADDITIONAL TESTS AT ALL INTERSECTIONS, CUL-DE-SACS, AND OTHER LOCATIONS AS DIRECTED BY THE COUNTY ENGINEERING DEPARTMENT.

BASE—TEST AT 200 FEET INTERVALS, ALTERNATING FROM LEFT SIDE TO CENTERLINE TO RIGHT SIDE WITH ADDITIONAL TESTS AT ALL INTERSECTIONS, CUL-DE-SACS, AND OTHER LOCATIONS AS DIRECTED BY THE COUNTY ENGINEERING DEPARTMENT.

ASPHALT—TEST AT 300 FEET INTERVALS, ALTERNATING FROM LEFT SIDE TO CENTERLINE TO RIGHT SIDE WITH ADDITIONAL TESTS AT ALL INTERSECTIONS, CUL-DE-SACS, AND OTHER LOCATIONS AS DIRECTED BY THE COUNTY ENGINEERING DEPARTMENT.

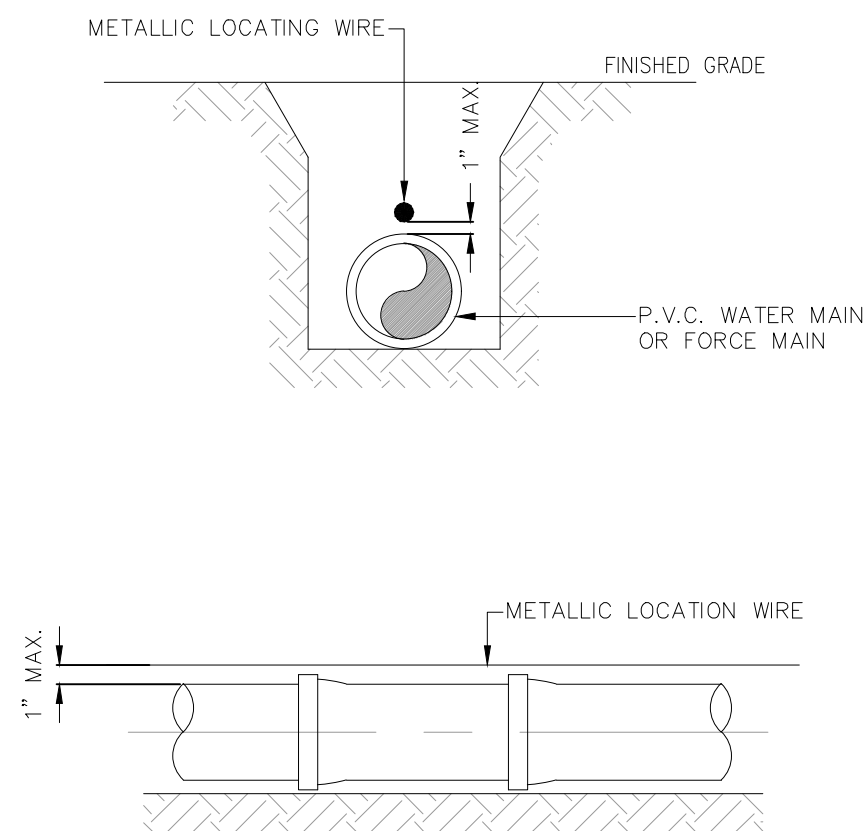
NOTE: -ALL TESTS ARE TO BE TAKEN IMMEDIATELY BEFORE THE NEXT LAYER OF THE ROAD CROSS SECTION IS INSTALLED. -SANTA ROSA COUTNY HAS THE AUTHOURITY TO REQUIRE ADDITIONAL TESTING DUE TO WEATHER CONDITIONS. -IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY SANTA ROSA COUNTY OF THE TIME AND DATE THAT THE TESTING WILL OCCUR AND PROVIDE SRC WITH A COPY OF ALL OF THE TEST RESULTS. -ADJACENT STREET PAVING (TURNLANES, ROAD EXTENSIONS, ETC) SHALL BE TESTED WITH THE SAME FREQUENCY AS ABOVE.



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

EROSION CONTROL SILT FENCE DETAIL

M-28



NOTES:

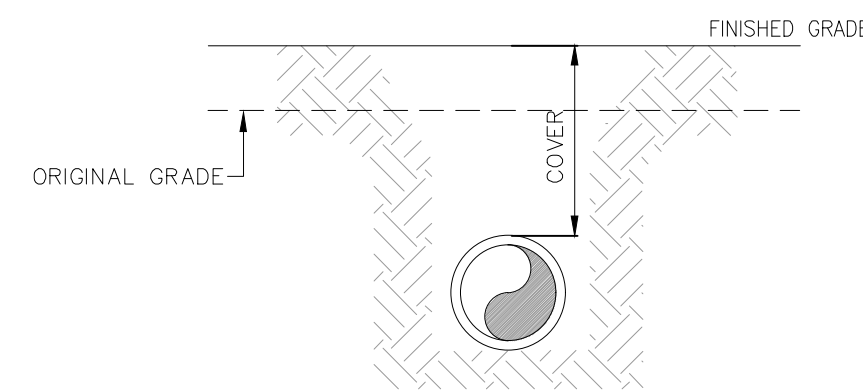
- 1.) PVC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (12 GAUGE COPPER) CAPABLE OF DETECTION BY A CABLE LOCATOR AND SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE.
- 2.) LOCATING WIRE SHALL TERMINATE AT THE TOP OF EACH VALVE BOX AND BE CAPABLE OF EXTENDING 12" ABOVE TOPOF BOX IN SUCH A MANNER SO AS NOT TO INTERFERE WITH VALVE OPERATION.
- 3.) USE DUCT TAPE AS NECESSARY TO HOLD WIRE ON THE TOP OF THE PIPE.
- 4.) ALL SPLICES SHALL BE MADE USING A WATER-TIGHT SEALING METHOD APPROVED BY THE NAVARRE BEACH UTILITIES.

PVC PIPE LOCATING WIRE DETAIL

M-7

PIPE COVERAGE TABLE

PIPE DIAMETER	REQUIRED COVER
UP TO 12"	36"
ABOVE 12" UP TO 24"	42"
30" AND ABOVE	48"

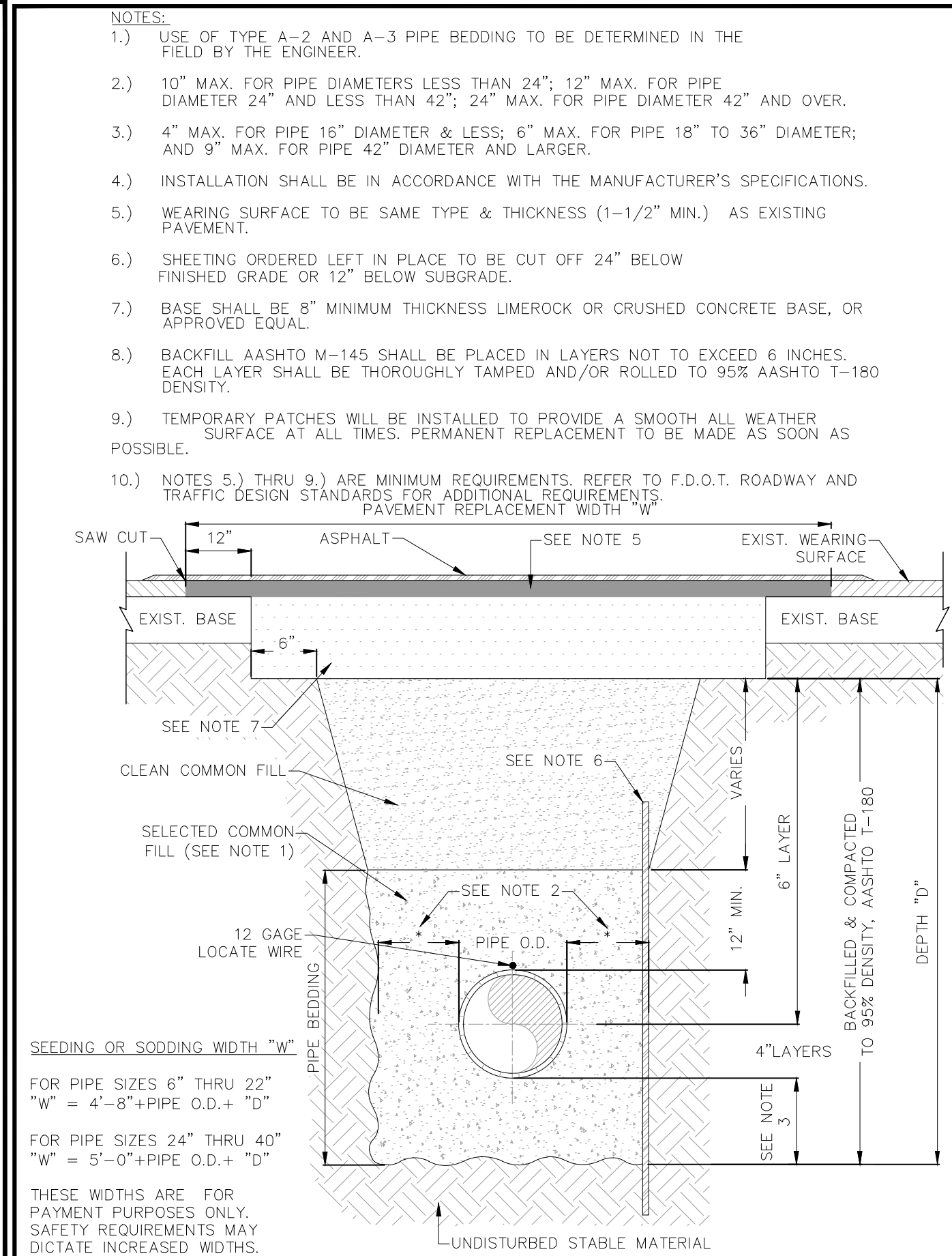


NOTES:

1. COVER SHALL BE MEASURED WHEN FINISH GRADES ARE ESTABLISHED.
2. COVER TOLERANCES ARE +6", -3", PROVIDED THE AVERAGE COVER MEETS TABLE REQUIREMENTS.

REQUIRED PIPE COVERAGE TABLE

M-40



TRENCH DETAIL ASPH. PAVEMENT SURFACE TYPE A-1 PIPE BEDDING

M-23

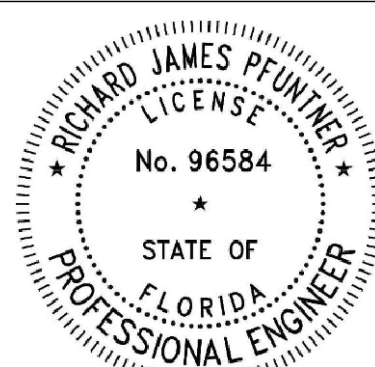


203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644

NAVARRE BEACH PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

SEAL



RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE

NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY RJP
APPROVED BY RJP
CHECKED BY CSB
DATE AUGUST 2025

TITLE

MISC. DETAILS

PROJECT NO. 50182809

D2

SHEET NO.

January 20, 2025 (07:30:06 EST)
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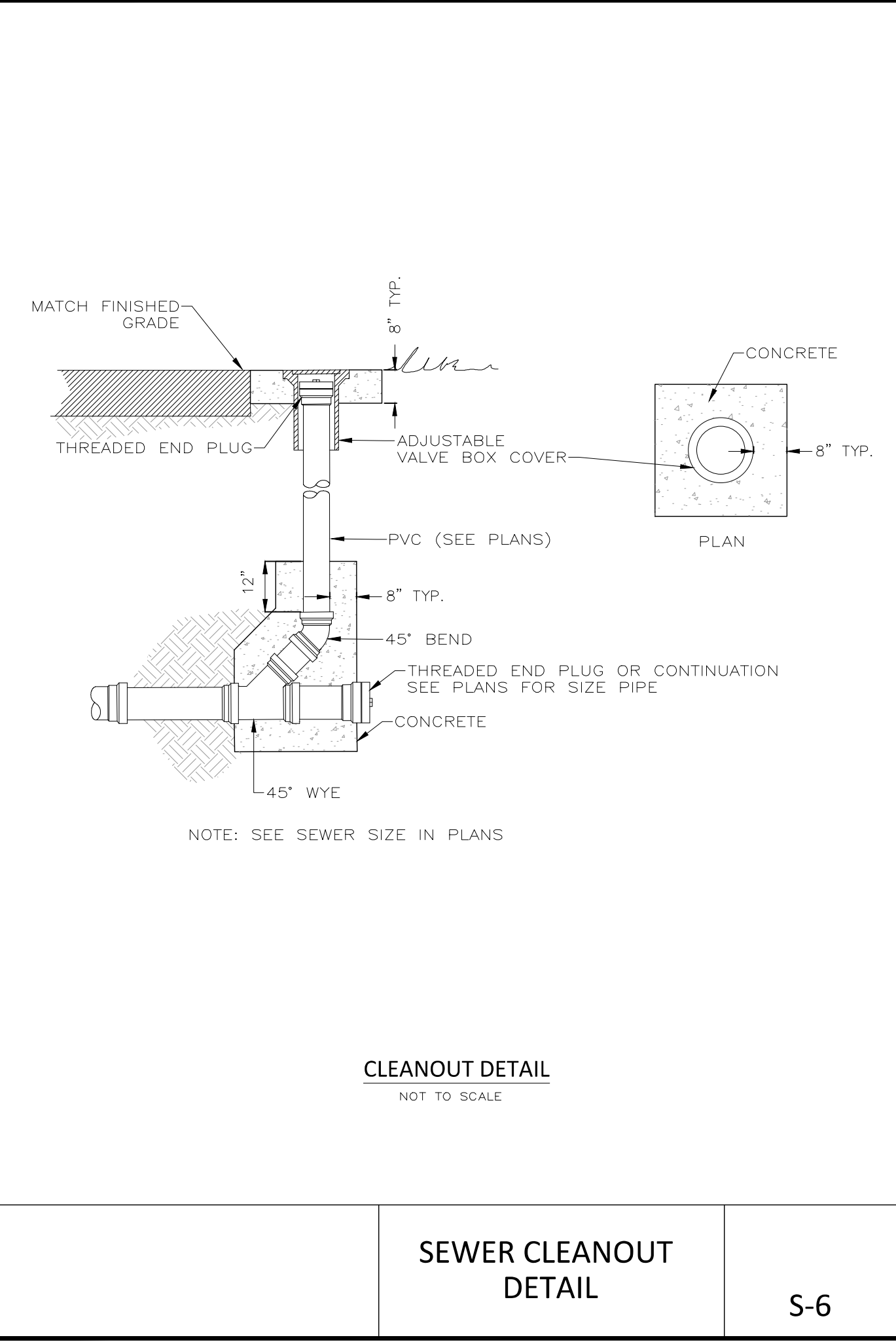
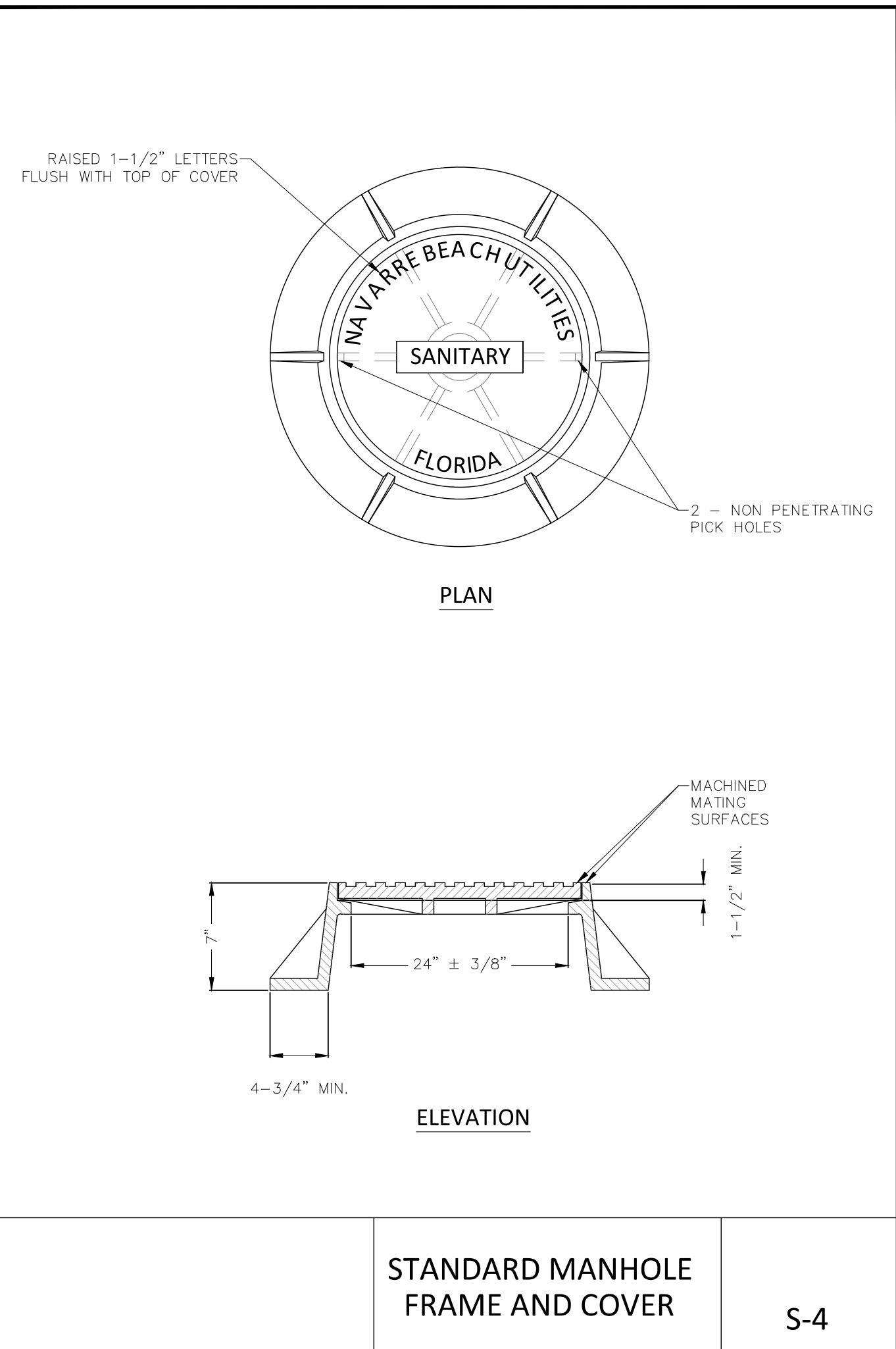
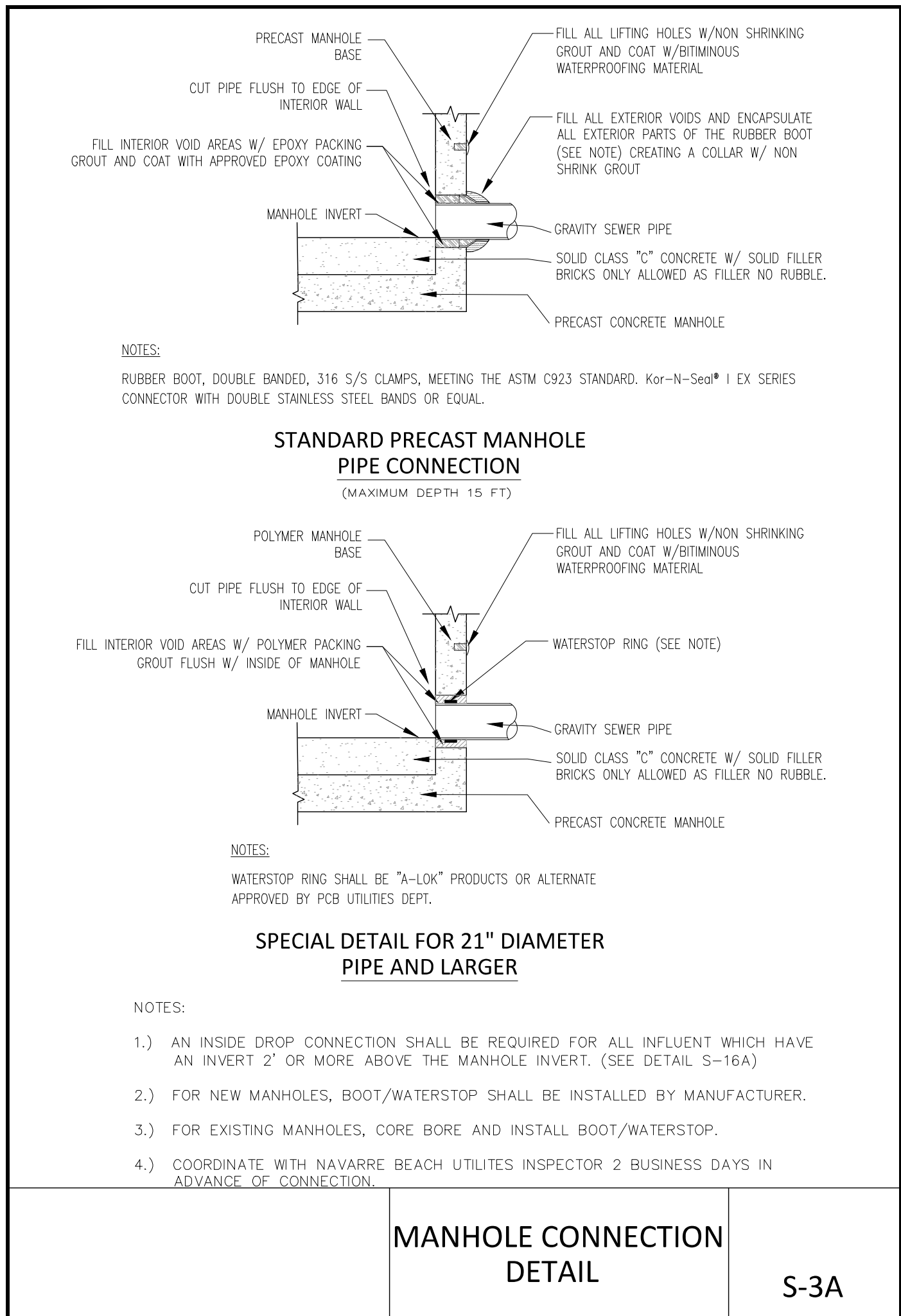
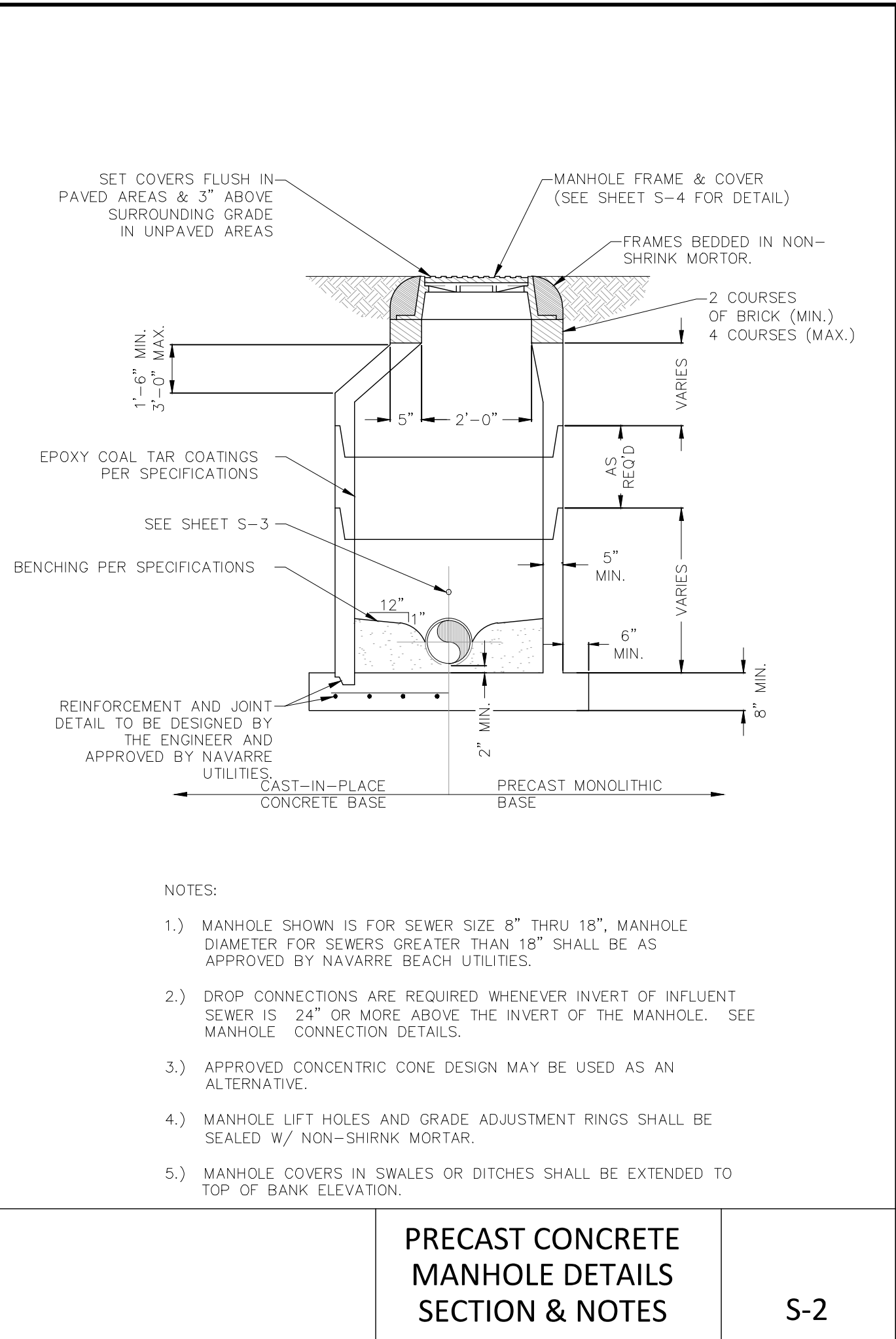
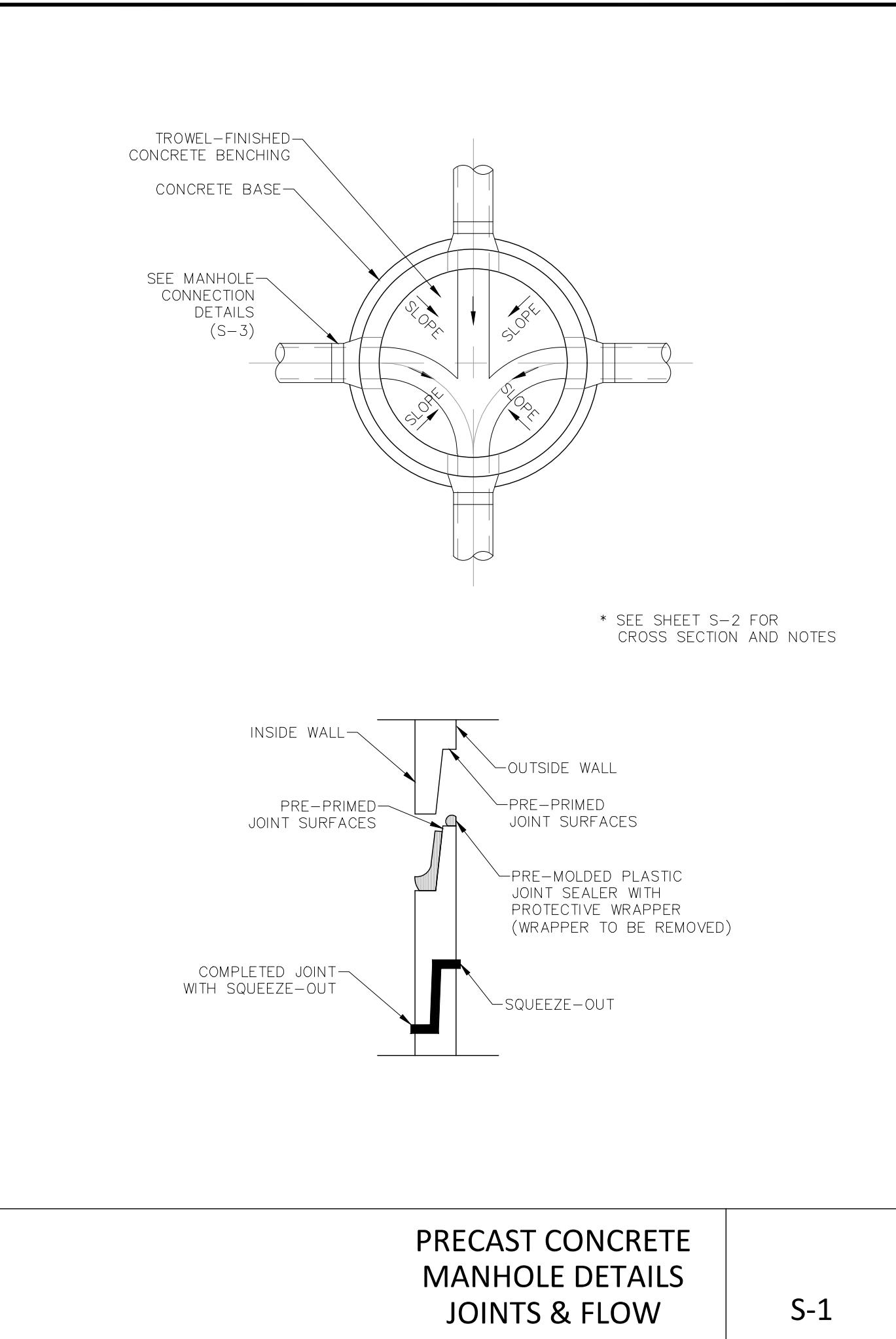
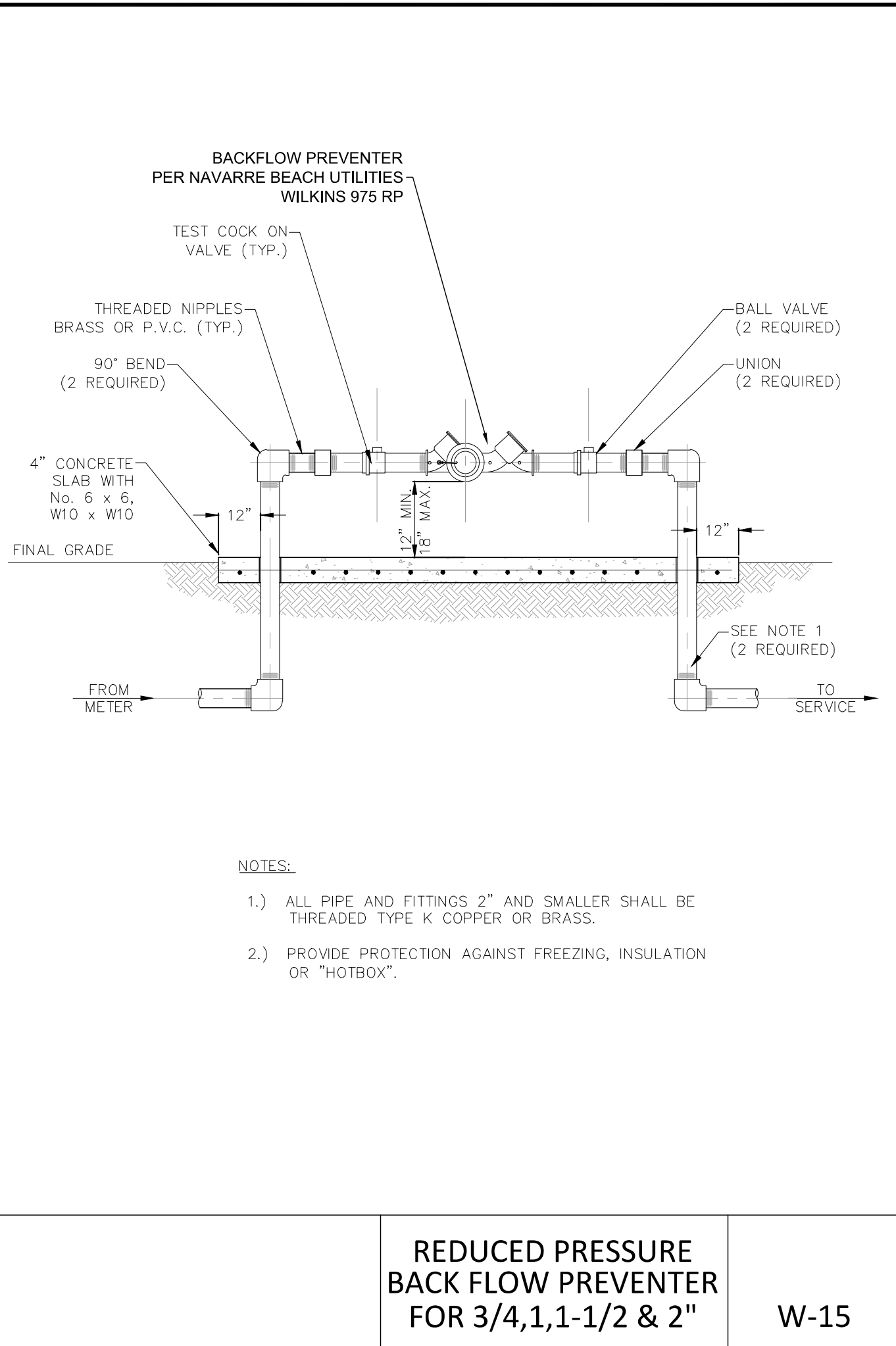
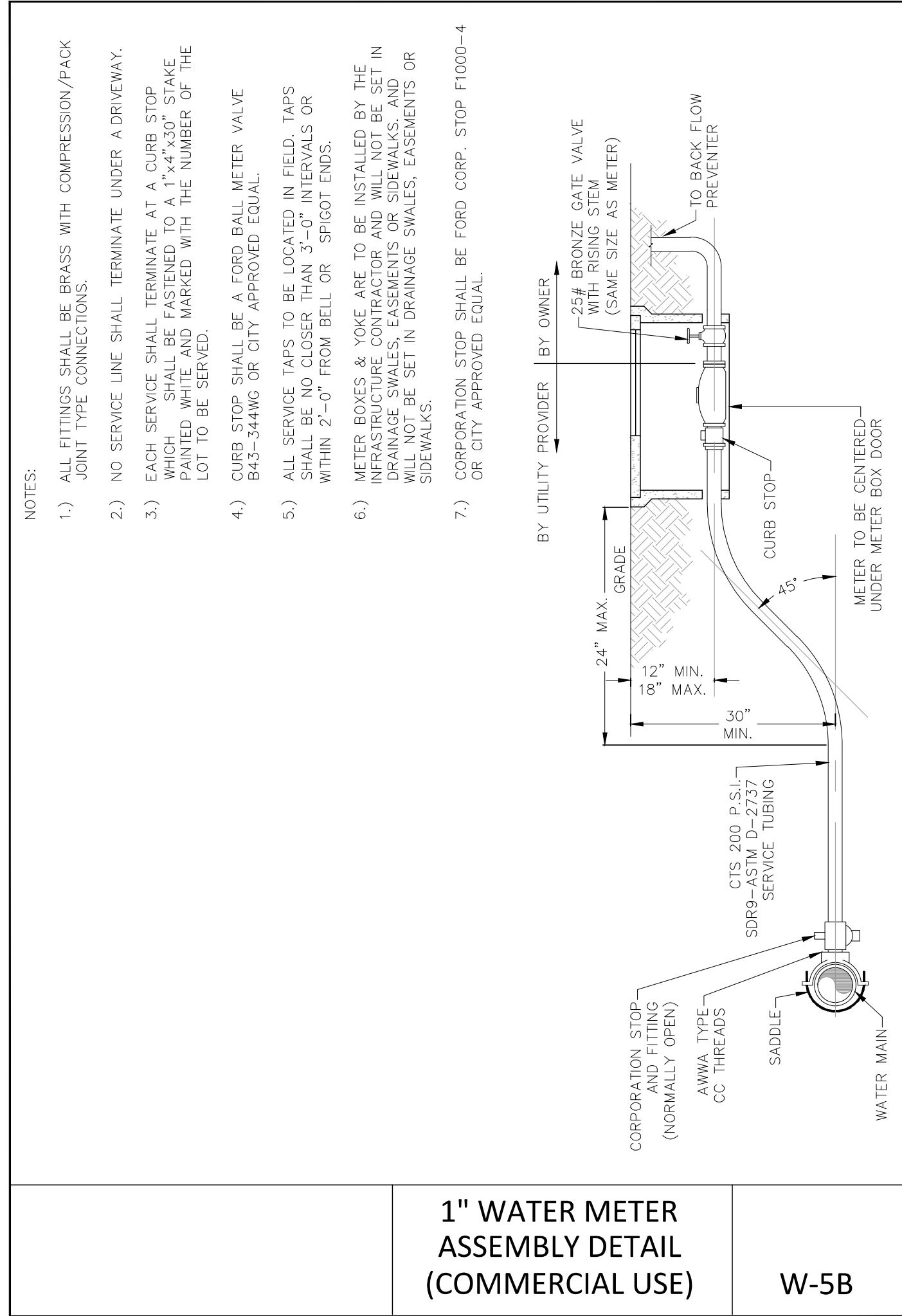
E

D

C

B

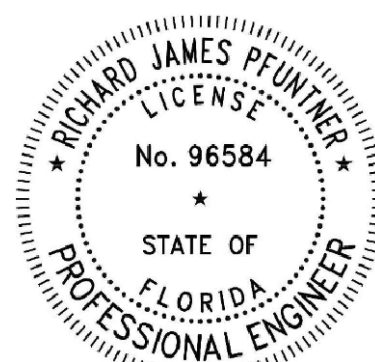
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203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644

NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL



RICHARD JAMES PFUNTER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE

NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY RJP

APPROVED BY RJP

CHECKED BY CSB

DATE AUGUST 2025

TITLE

MISC. DETAILS

PROJECT NO. 50182909

D3

SHEET NO.

January 20, 2025 (07:30:06 EST)
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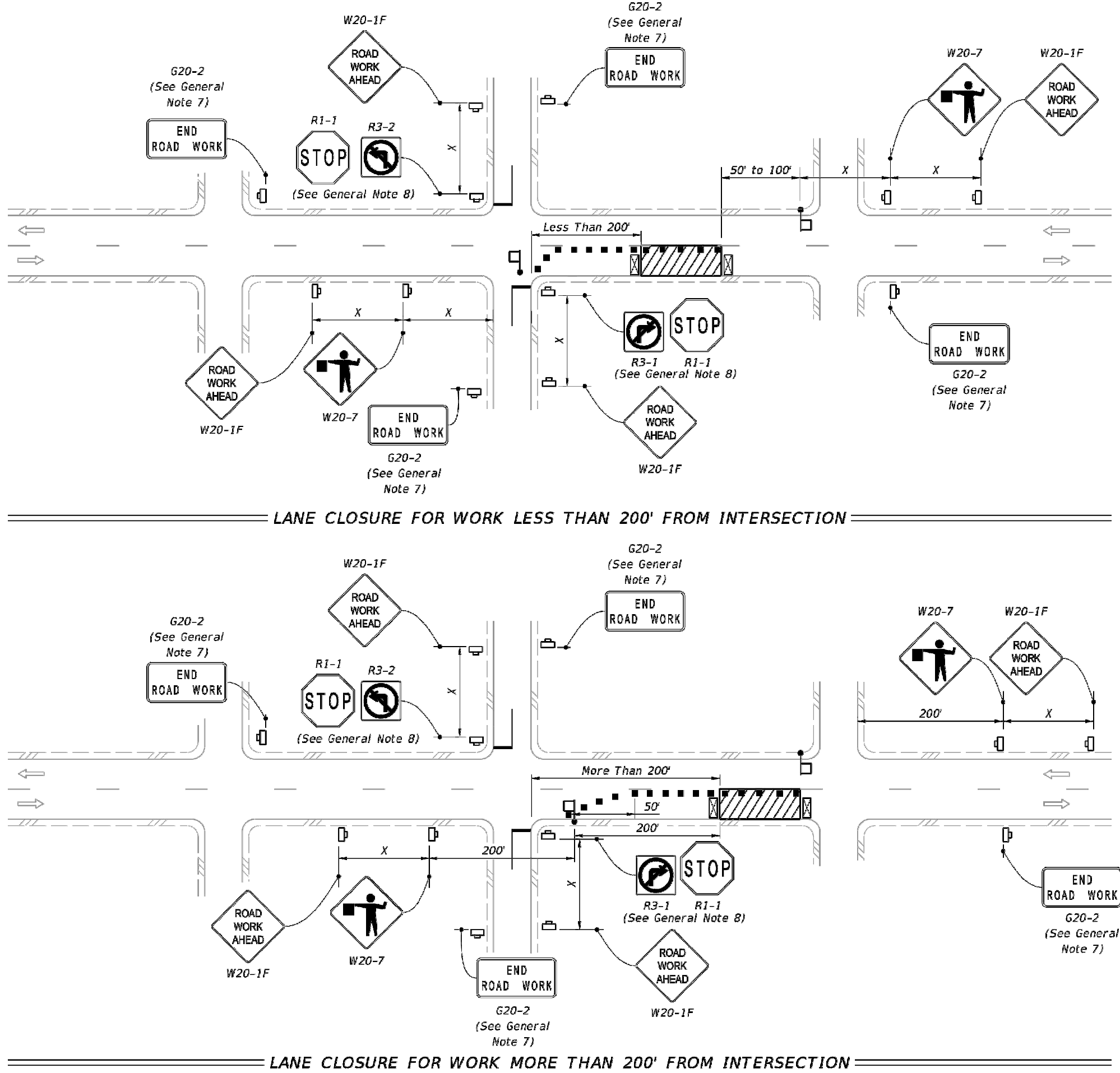
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GENERAL NOTES:

1. This Index applies to two-lane, two-way roadways with work within or near the intersection.
2. X = Work Zone Sign Spacing
See Index 102-600 for "X" and channelizing device spacing values.
3. Optionally, use "Flagger Ahead" sign with text (W20-7A) instead of "Flagger Ahead" sign with symbol (W20-7).
4. If vehicles in a parking zone block the line of sight to TCZ signs, locate and post mount signs in accordance with Index 700-101.
5. If the work area extends across a crosswalk, close the crosswalk in accordance with Index 102-660.
6. For unsignalized intersections, use Temporary Raised Rumble Strips in accordance with Index 102-603. Placement of Rumble Strips and additional signs should begin at FLAGGER sign location.
7. The "End Road Work" signs (G20-2) along with the associated work zone sign distances may be omitted when the work zone will be in place for 24 hours or less.
8. As an option to the "STOP" sign (R1-1) and Restricted Left/Right Turning Movement sign (R3-1 or R3-2), the "SIDE ROAD INTERSECTING THE WORK ZONE" flagging operation from Index 102-600 may be used.

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Type III Barricade
- Stop Bar
- Flagger
- Lane Identification and Direction of Traffic



LAST REVISION	DESCRIPTION
11/01/22	

REVISION



FY 2025-26
STANDARD PLANS

TWO-LANE, TWO-WAY, INTERSECTION WORK

INDEX
102-604

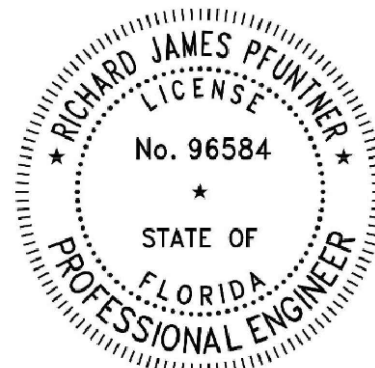
SHEET
1 of 2



203 Aberdeen Parkway
Panama City, FL 32405
850.522.0644

NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL



RICHARD JAMES PFUNTNER, P.E. 96584
EB 0008794

FINAL BIDDING DOCUMENTS

SCALE

NO SCALE

REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE

DRAWN BY RJP

APPROVED BY RJP

CHECKED BY CSB

DATE AUGUST 2025

TITLE

MOT DETAILS

PROJECT NO. 50182809

D4

SHEET NO.

GENERAL STRUCTURAL NOTES

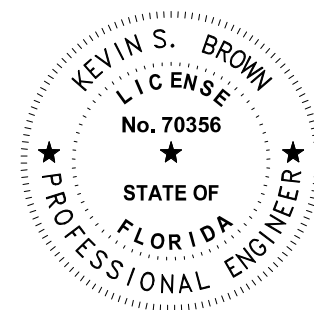


203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
850.522.0644



NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

SCALE

[illegible]DRAWN BY RCM

APPROVED BY KSB

CHECKED BY KSB

DATE August 2025

TITLE

GENERAL NOTES

PROJECT NO.	50182809
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S-001

SHEET NO. _____ of _____

GENERAL STRUCTURAL NOTES																																																
GENERAL		FOUNDATIONS AND GEOTECH		WOOD	WOOD																																											
1. THESE NOTES SUPPLEMENT THE SPECIFICATIONS WHICH MUST BE REFERENCED FOR ADDITIONAL INFORMATION AS A PORTION OF THE CONSTRUCTION DOCUMENTS. 2. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL OTHER DESIGN DISCIPLINES' CONSTRUCTION DOCUMENTS, AS NECESSARY PRIOR TO FABRICATION AND INSTALLATION OF STRUCTURAL COMPONENTS. 3. DO NOT SCALE DRAWINGS IN CONSTRUCTION DOCUMENTS. 4. ARCHITECT AND STRUCTURAL ENGINEER MUST BE TIMELY NOTIFIED OF ANY OMISSIONS OR DISCREPANCIES FOUND IN CONSTRUCTION DOCUMENTS. 5. CONTRACTOR WILL REMAIN SOLELY RESPONSIBLE FOR REMEDYING ALL DIMENSIONAL CONFLICTS AND OMISSIONS OF MATERIALS THAT ARE REQUIRED IN THE CONSTRUCTION DOCUMENTS, REGARDLESS OF WHETHER OR NOT THE ISSUE WAS NOTED DURING THE SUBMITTAL REVIEW AND APPROVAL PROCESS. 6. MEANS AND METHODS OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. STRUCTURAL CONSTRUCTION DOCUMENTS ONLY REPRESENT THE FINAL BUILDING STRUCTURE. a. MEANS AND METHODS INCLUDE, BUT ARE NOT LIMITED TO, TEMPORARY SHORING, WALL BRACING, AND TRUSS BRACING REQUIRED TO MAINTAIN BUILDING INTEGRITY UNTIL THE STRUCTURE'S PERMANENT GRAVITY AND LATERAL SYSTEMS ARE COMPLETE.		1. FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL ANALYSIS AND RECOMMENDATIONS IN "NAVARRE BEACH VISITOR'S CENTER" REPORT, BY LARRY M. JACOBS & ASSOCIATES, INC. PROJECT NO. 25-142E, DATED 5/2/2025. 2. STRUCTURAL ENGINEER (AND THE ARCHITECT) IS (ARE) NOT RESPONSIBLE FOR THE ACCURACY OF ANY DATA OR RECOMMENDATIONS WITHIN THE REFERENCED GEOTECHNICAL REPORT. 3. FOUNDATION DESIGN IS BASED ON DEEP FOUNDATIONS WITH THE USE OF PRECAST CONCRETE AND TIMBER PILES. PRECAST PILES ARE 14" SQUARE AND TIMBER PILES ARE A MIXTURE OF 8" AND 10" TIP DIAMETER. SEE TABLE BELOW FOR PRECAST PILE LOADS (ALLOWABLE STRESS DESIGN, ASD). ALL ELEVATIONS BELOW ARE RELATIVE TO SEA LEVEL.<table><tr><th>PILE SIZE</th><th>AXIAL</th><th>SHEAR</th><th>SCOUR ELEV.*</th><th>RESULTANT SHEAR ELEV.</th></tr><tr><td>14" SQ.</td><td>± 11.5K</td><td>6.2K</td><td>-0'-11"</td><td>9'-11"</td></tr></table> * INDICATES LOCAL SCOUR AT PILE BASE RELATIVE TO SEA LEVEL. 4. DESIGN TEAM HAS ASSUMED A STORM ERODED GROUND ELEVATION OF 2'-4" BASED OFF OF A 1999 FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION PUBLICATION: "ONE-HUNDRED-YEAR STORM ELEVATION REQUIREMENTS FOR HABITABLE STRUCTURES LOCATED SEAWARD OF COASTAL CONSTRUCTION CONTROL LINE". 5. RESTROOM STRUCTURE IS ELEVATED TO 17' BOTTOM OF FRAMING TO MEET COUNTY REQUIREMENT. PRECAST PILES ARE BEING UTILIZED FOR TO RESIST WIND, WAVES AND STORM SURGE WITH THE ERODED GROUND AND SCOUR FOR THE DESIGN LEVEL EVENT. 6. WOOD PILES ARE BEING UTILIZED FOR STAIRS, RAMPS, AND BOARDWALKS THAT EXTEND BELOW THE DESIGN FLOOD ELEVATION. THESE STRUCTURES ARE BEING TREATED AS BREAKAWAY AND FRANGIBLE IN A STORM SURGE SITUATION. 7. PILE SUBCONTRACTOR TO OBTAIN A COPY OF THE PROJECT GEOTECHNICAL REPORT AND PROJECT SPECIFICATIONS. CONTRACTOR TO FOLLOW DYNAMIC PILE TESTING AS NOTED IN GEOTECH AND PILE SPECIFICATIONS. 8. JETTING MAY BE UTILIZED FOR THE FIRST 20' OF PILE DRIVING INTO THE EXISTING GRADE.		PILE SIZE	AXIAL	SHEAR	SCOUR ELEV.*	RESULTANT SHEAR ELEV.	14" SQ.	± 11.5K	6.2K	-0'-11"	9'-11"	1. ALL WOOD FRAMING MEMBERS TO BE VISUALLY GRADED DIMENSIONED #2 SOUTHERN PINE, UNLESS NOTED OTHERWISE. 2. ALL WOOD STUD WALLS TO BE CONSTRUCTED WITH VISUALLY GRADED DIMENSIONED #2 SPRUCE-PINE-FIR. 3. ALL PRESSURE TREATED SOUTHERN PINE LUMBER SHALL BE PRESSURE TREATED WITH ALKALINE COPPER QUATERNARY (ACQ) IN ACCORDANCE WITH AMERICAN WOOD PROTECTION ASSOCIATION (AWPA) STANDARD U1, COMMODITY SPECIFICATION A. A. USE CATEGORIES:<table><tr><td>1.</td><td>UC3B/ABOVE GROUND EXPOSED - EXPOSED LUMBER DECKING, RAILINGS, BEAMS, COLUMNS, JOISTS, SHEATHING, ETC.</td></tr><tr><td>2.</td><td>UC4A/GROUND CONTACT OR INCLUSION PER U1, SECTION 2, NOTE 1 - WOOD FOUNDATIONS, DECKING, BALCONY FRAMING, ETC.</td></tr></table> B. ALL FASTENERS, NAILS, AND OTHER METAL PRODUCTS USED WITH LUMBER PRESSURE TREATED WITH ACQ SHALL BE HOT-DIPPED GALVANIZED, STAINLESS STEEL, OR AS RECOMMENDED BY THE ACQ MANUFACTURER. PRESSURE TREATED LUMBER SHALL NOT BE IN DIRECT CONTACT WITH ALUMINUM PRODUCTS. ALL FASTENERS AND OTHER METAL PRODUCTS TO BE PERMANENTLY EXTERIOR SHALL BE STAINLESS STEEL ONLY. 4. DIMENSIONED LUMBER FLOOR JOISTS AND BEAMS MUST BE Laterally BRACED AT ENDS, POINTS OF BEARING, AND MAXIMUM INTERVALS OF 8'-0". LATERAL BRACING IS CONSIDERED TO BE PROVIDED ONLY BY SOLID BLOCKING, BRIDGING, OR TRANSVERSE BEAMS TO PREVENT ROTATION. 5. ALL MANUFACTURED WOOD FRAMING CONNECTORS TO BE SIMPSON STRONG-TIE COMPANY, INC., UNLESS NOTED OTHERWISE. ALL CONNECTORS SHALL BE FASTENED TO FRAMING MEMBERS FILLING THE REQUIRED NUMBER OF CONNECTOR HOLES WITH THE TYPE AND SIZE FASTENERS SPECIFIED BY THE MANUFACTURER. 6. FLOOR SHEATHING IS TO BE 23/32" TONGUE AND GROOVE PLYWOOD, APA SHEATHING RATED, EXTERIOR. PANEL IDENTIFICATION INDEX 48/24. LONG DIMENSION OF PANEL IS TO BE PERPENDICULAR TO SUPPORTS WITH JOINTS STAGGERED. 7. ROOF SHEATHING IS TO BE 23/32" PLYWOOD, APA SHEATHING RATED, EXTERIOR. PANEL IDENTIFICATION INDEX 48/24. LONG DIMENSION OF PANEL IS TO BE PERPENDICULAR TO SUPPORTS WITH JOINTS STAGGERED. PROVIDE ONE H-CLIP MINIMUM AT ALL ADJOINING PANEL JOINTS MIDWAY BETWEEN SUPPORTS. 8. FLOOR SHEATHING IS TO BE NAILED WITH 8D HOT-DIPPED GALVANIZED COMMON NAILS AT 6 INCHES ALONG DIAPHRAGM BOUNDARIES, 6 INCHES AT ALL FOUR PANEL EDGES, AND 12 INCHES AT INTERMEDIATE SUPPORTS. 9. ROOF SHEATHING IS TO BE NAILED WITH 8D HOT-DIPPED GALVANIZED COMMON NAILS AT 6 INCHES ALONG DIAPHRAGM BOUNDARIES, 6 INCHES AT ALL FOUR PANEL EDGES, AND 6 INCHES AT INTERMEDIATE SUPPORTS. 10. ALL WALLS DENOTED AS SHEAR WALLS ON PLAN SHALL BE SHEATHED WITH 15/32" OSB OR PLYWOOD PANELS APPLIED DIRECTLY TO WALL FRAMING. SUPPORT ALL EDGES WITH SOLID FRAMING OR BLOCKING. 11. WHERE NOTED, USE PARALLAM PLUS BEAMS WITH THE MINIMUM DESIGN VALUES NOTED BELOW:<table><tr><td>AWPA USE CATEGORY</td><td>UC3B</td></tr><tr><td>DESIGN SERVICE LEVEL</td><td>SL2</td></tr><tr><td>MODULUS OF ELASTICITY (E)</td><td>(PSI) 1,490,000</td></tr><tr><td>BENDING (FB)</td><td>1,885</td></tr><tr><td>HORIZONTAL SHEAR PARALLEL TO GRAIN (FV)</td><td>180</td></tr><tr><td>COMPRESSION PERPENDICULAR TO GRAIN (FC PER)</td><td>240</td></tr><tr><td>TENSION (FT)</td><td>1,595</td></tr><tr><td>COMPRESSION PARALLEL TO GRAIN (FC PAR)</td><td>1,310</td></tr></table> 12. MULTI-PLY ENGINEERED LUMBER BEAMS, UNLESS NOTED OTHERWISE, ARE TO BE FASTENED TOGETHER WITH STRONG-DRIVE SDW TRUSS-PLY SCREW, OR APPROVED EQUAL, WITH A MINIMUM OF TWO ROWS OF FASTENERS AT 12 INCHES, STAGGERED, AND SPACED 3 INCHES FROM THE TOP AND BOTTOM OF BEAMS. 13. REFER TO PROJECT SPECIFICATIONS AND IBC FOR GENERAL NAILING REQUIREMENTS. 14. ALL MULTI-PLY EXTERIOR FRAMING MEMBERS TO BE LAMINATED WITH 1/4" TIMBER SCREWS @ 12" OC. 15. ALL FASTENERS SHALL MEET CODES, STANDARDS, AND ASTM'S AS NOTED BELOW:<table><tr><td>BOLTS</td><td>ASTM A304 GRADE A</td></tr><tr><td>HEX NUTS AND WASHERS</td><td>ASTM A653</td></tr><tr><td>NAILS, STAPLES, AND WIRE BRADS</td><td>ASTM F1667</td></tr><tr><td>POWER DRIVEN FASTENERS</td><td>NER-272</td></tr><tr><td>WOOD SCREWS</td><td>ASME B18.6.1</td></tr><tr><td>LAG BOLTS</td><td>ASME B18.2.1</td></tr></table> 16. FINAL DESIGN OF PRE-FABRICATED WOOD TRUSSES AND ENGINEERED WOOD PRODUCTS SHALL BE BY DELEGATED DESIGNER. DELEGATED DESIGNER TO SUBMIT CALCULATION PACKAGE, SHOP DRAWINGS AND SPECIFICATIONS SIGNED AND SEALED BY A LICENSED ENGINEER IN THE STATE OF THE PROJECT FOR APPROVAL. CONFORM TO DESIGN PARAMETERS AND APPLICABLE CODES AND STANDARDS DESCRIBED WITHIN THE CONTRACT DOCUMENTS. MEMBER SIZE AND SPACING SHOWN ON CONTRACT DOCUMENTS ARE TO ESTABLISH DESIGN INTENT AND TO FACILITATE COORDINATION WITH OTHER DISCIPLINES AND SHALL BE CONSIDERED MINIMUMS. ACTUAL MEMBER SIZES REQUIRED FOR STRUCTURAL ADEQUACY MAY BE LARGER.		1.	UC3B/ABOVE GROUND EXPOSED - EXPOSED LUMBER DECKING, RAILINGS, BEAMS, COLUMNS, JOISTS, SHEATHING, ETC.	2.	UC4A/GROUND CONTACT OR INCLUSION PER U1, SECTION 2, NOTE 1 - WOOD FOUNDATIONS, DECKING, BALCONY FRAMING, ETC.	AWPA USE CATEGORY	UC3B	DESIGN SERVICE LEVEL	SL2	MODULUS OF ELASTICITY (E)	(PSI) 1,490,000	BENDING (FB)	1,885	HORIZONTAL SHEAR PARALLEL TO GRAIN (FV)	180	COMPRESSION PERPENDICULAR TO GRAIN (FC PER)	240	TENSION (FT)	1,595	COMPRESSION PARALLEL TO GRAIN (FC PAR)	1,310	BOLTS	ASTM A304 GRADE A	HEX NUTS AND WASHERS	ASTM A653	NAILS, STAPLES, AND WIRE BRADS	ASTM F1667	POWER DRIVEN FASTENERS	NER-272	WOOD SCREWS	ASME B18.6.1	LAG BOLTS	ASME B18.2.1	17. ROOF STRUCTURAL COMPONENTS SHALL BE DESIGNED FOR ACTUAL DEAD LOAD AND ALL LOADS NOTED WITHIN CONTRACT DOCUMENTS. SEE COMPONENTS AND CLADDING TABLE FOR RELIABLE DEAD LOAD. WOOD TRUSSES ARE TO BE DESIGNED TO MEET A MAXIMUM DEFLECTION LIMIT OF L/240. LIVE LOAD REDUCTION FOR TRIBUTARY LOADING IS PERMITTED. 18. TRUSS FABRICATOR AND/OR ENGINEERED WOOD PRODUCTS SUPPLIER SHALL ENGINEER AND PROVIDE ALL REQUIRED CONNECTORS FOR INTERSECTING TRUSS MEMBERS. SUBMIT CONNECTOR DESIGN WITH TRUSS SHOP DRAWINGS.
PILE SIZE	AXIAL	SHEAR	SCOUR ELEV.*	RESULTANT SHEAR ELEV.																																												
14" SQ.	± 11.5K	6.2K	-0'-11"	9'-11"																																												
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POST INSTALLED ANCHORS																																																
1. POST-INSTALLED ANCHORS SHALL BE PROVIDED AS SPECIFIED IN THE STRUCTURAL DRAWINGS AND SPECIFICATION. ANY ANCHOR SUBSTITUTION REQUESTS FROM THE CONTRACTOR MUST INCLUDE MANUFACTURER DOCUMENTATION PROVING THE CONTRACTOR REQUESTED ANCHOR MEETS OR EXCEEDS THE CAPACITIES OF THE SPECIFIED ANCHOR. 2. POST INSTALLED ANCHORS MUST BE INSPECTED PER IBC CH. 17. 3. ALL POST-INSTALLED ANCHORS MUST BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. 4. CONTRACTOR TO TAKE PRECAUTION AND NOT DRILL THROUGH REINFORCING STEEL DURING ANCHOR INSTALLATION.																																																

DESIGN CRITERIA AND SPECIFICATIONS																									
1. CODES ARE LISTED IN THE ORDER OF PRECEDENCE IN THE EVENT OF CONFLICTING INFORMATION OR MINIMUM REQUIREMENTS. a. FLORIDA BUILDING CODE, BUILDING, EIGHTH EDITION, 2023 b. ASCE/SEI 7-22 MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES c. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-19 d. 2018 NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION																									
STRUCTURAL DESIGN LOADS																									
1. DEAD LOADS (PSF) BUILDING DEAD LOADS ARE APPROXIMATED FROM EXPECTED ASSEMBLIES, CODE PROVIDED WEIGHT TABLES, AND SPECIFIED EQUIPMENT. CONTRACTOR TO NOTIFY STRUCTURAL ENGINEER WHEN EQUIPMENT WEIGHTS OR ARCHITECTURAL ASSEMBLIES CHANGE AFTER STRUCTURAL CONSTRUCTION DOCUMENTS ARE ISSUED FOR CONSTRUCTION. 2. LIVE LOADS (PSF)<table><tr><td>ROOF LIVE (REDUCIBLE)</td><td>20</td></tr><tr><td>UNLESS NOTED OTHERWISE (REDUCIBLE)</td><td>60</td></tr><tr><td>STAIRS</td><td>100</td></tr></table> 3. WIND DESIGN DATA<table><tr><td>ULTIMATE DESIGN WIND SPEED, V_{ult}</td><td>157 MPH</td></tr><tr><td>NOMINAL DESIGN WIND SPEED, V_{asd}</td><td>122 MPH</td></tr><tr><td>RISK CATEGORY</td><td>II</td></tr><tr><td>WIND EXPOSURE</td><td>D</td></tr><tr><td>INTERNAL PRESSURE COEFFICIENT, GC_{pi}</td><td>±0.18</td></tr><tr><td>SEE DRAWINGS FOR ULTIMATE COMPONENT AND CLADDING WIND</td><td></td></tr></table> 4. ROOF RAIN LOAD DATA<table><tr><td>RAIN INTENSITY, i</td><td>4.79 (IN./HR)</td></tr></table> 5. FLOOD DESIGN DATA<table><tr><td>FLOOD DESIGN CLASS</td><td>II</td></tr><tr><td>LOWEST HORIZONTAL STRUCTURAL MEMBER</td><td>17 FT</td></tr></table>		ROOF LIVE (REDUCIBLE)	20	UNLESS NOTED OTHERWISE (REDUCIBLE)	60	STAIRS	100	ULTIMATE DESIGN WIND SPEED, V_{ult}	157 MPH	NOMINAL DESIGN WIND SPEED, V_{asd}	122 MPH	RISK CATEGORY	II	WIND EXPOSURE	D	INTERNAL PRESSURE COEFFICIENT, GC_{pi}	±0.18	SEE DRAWINGS FOR ULTIMATE COMPONENT AND CLADDING WIND		RAIN INTENSITY, i	4.79 (IN./HR)	FLOOD DESIGN CLASS	II	LOWEST HORIZONTAL STRUCTURAL MEMBER	17 FT
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SPECIAL INSPECTIONS																									
1. SPECIAL INSPECTIONS MUST BE CARRIED OUT BY THE OWNER IN ACCORDANCE WITH IBC. 2. REFER TO DRAWINGS FOR THE COMPLETE SCHEDULE OF SPECIAL INSPECTIONS. 3. ANY NON-CONFORMING WORK OR ISSUES NOTED BY THE SPECIAL INSPECTOR SHALL BE BROUGHT TO THE STRUCTURAL EOR'S ATTENTION WITHIN A TIMELY MANNER. 4. PROVIDE RECORD COPIES OF ALL SPECIAL INSPECTION REPORTS TO STRUCTURAL ENGINEER AND THE ARCHITECT. 5. SITE VISITS PERFORMED BY THE STRUCTURAL ENGINEER DO NOT TAKE THE PLACE OF ANY REQUIRED MATERIAL TESTING OR SPECIAL INSPECTIONS. 6. ANY STRUCTURAL SITE VISITS BY THE STRUCTURAL ENGINEER WILL BE VISUAL ONLY TO CHECK GENERAL CONFORMANCE OF THE IN-PLACE STRUCTURE TO THE CONSTRUCTION DOCUMENTS.																									

ABBREVIATIONS

&	AND
@	AT (WHEN INDICATING SPACING ONLY)
ADDNL	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ANC	ANCHOR
APPROX	APPROXIMATE
APPRV	APPROVED
AR	ANCHOR ROD
ARCH.	ARCHITECTURAL
ASD	ALLOWABLE STRESS DESIGN

B to B	BACK TO BACK
BAL	BALANCE
BCX	BOTTOM CHORD EXTENSION
BFF	BELOW FINISH FLOOR
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOF	BOTTOM OF FOOTING
BOT	BOTTOM
BRDG	BRIDGING
BRG	BEARING
BRK	BRICK
BASMT	BASEMENT
BSPL	BASEPLATE
BTWN	BETWEEN

C	CHANNEL
C to C	CENTER TO CENTER
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CL or ℓ	CENTERLINE
CLG	CENTERLINE OF GIRT
CLR	CLEAR OR CLEARANCE
COL	COLUMN
COMP	COMPRESSION
CONC	CONCRETE
CONN (S)	CONNECTION (S)
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
COR	CORNER
COV PL	COVER PLATE
CTR	CENTER

DBL	DOUBLE
DEG OR °	DEGREE
DEMO	DEMOLITION
DET	DETAIL
DIA OR Ø	DIAMETER
DIAG	DIAGONAL
DIM (S)	DIMENSION (S)
DL	DEAD LOAD
DN	DOWN
DP	DRILLED PIER
DWGS (S)	DRAWINGS (S)
DWL (S)	DOWELS (S)

EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMBED.	EMBEDMENT
ENGR	ENGINEER
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP.	EQUIPMENT
EW	EACH WAY
EXIST.	EXISTING
EXP	EXPANSION
EXP ANC	EXPANSION ANCHOR
EXT	EXTERIOR
EXTN	EXTENSION

Fc	28 - DAY CONCRETE DESIGN STRENGTH
F.O.G.	FACE OF GIRT
F to F	FACE TO FACE
FABR	FABRICATOR
FAS	FASTENER
FD	FLOOR DRAIN
FDN	FOUNDATION
FF	FINISH FLOOR
FIN.	FINISH (ED)
FLG	FLANGE
FLR	FLOOR
FOS	FACEOF STUD
FRMG	FRAMING
FS	FAR SIDE / FOOTING STEP
FT	FOOT
FTG	FOOTING
FV	FIELD VERIFY

GA	GAGE OR GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GC	GENERAL CONTRACTOR
GEN	GENERAL
GEOTECH	GEOTECHNICAL
GOVT	GOVERNMENT
GR	GRADE
GRD	GROUND
GT	GIRDER TRUSS

H STUD (S)	HEADED STUD (S)
HD RK	HARD ROCK
HK	HOOK
HORZ	HORIZONTAL
HS	HIGH STRENGTH
HT	HEIGHT

I.F.	INSIDE FACE
ID	INSIDE DIAMETER
INFO	INFORMATION
INT	INTERIOR
INTM	INTERMEDIATE
INV	INVERTED

JBE	JOIST BEARING ELEVATION
JG	JOIST GIRDER
JST (S)	JOIST (S)
JT	JOINT

K	KIPS (1000 LBS)
KLF	KIPS PER LINEAL FOOT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH

L	ANGLE
LBS	POUNDS
<i>ld</i>	DEVELOPMENT LENGTH
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG.	LONGITUDINAL
LRFD	LOAD AND RESISTANCE FACTOR DESIGN
LWT CONC	LIGHTWEIGHT CONCRETE

M	MOMENT
MATL	MATERIAL
MAX	MAXIMUM
MC	MOMENT CONNECTION (S)
MECH	MECHANICAL
M.E.P.	MECHANICAL, ELECTRICAL, PLUMBING
MEZZ	MEZZANINE
MFR	MANUFACTURE (R)
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS

NF	NEAR FACE
NIC	NOT IN CONTRACT
NO. OR #	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
NWT	NORMAL WEIGHT

O.F.	OPEN FACE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG (S)	OPENING (S)
OPP	OPPOSITE

PAR.	PARALLEL
PARTN (S)	PARTITION (S)
PC	PRECAST CONCRETE
PCI	POUNDS PER CUBIC INCH
PCY	POUNDS PER CUBIC YARD
PEMB	PRE-ENGINEERED METAL BUILDING
PEN	PENETRATION
PERM	PERMANENT
PERP	PERPENDICULAR
PL	PLATE
PLBG	PLUMBING
PLF	POUNDS PER LINEAL FOOT
PNEU	PNEUMATIC
PREFAB	PREFABRICATED
PRELIM	PRELIMINARY
PROJ	PROJECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POST-TENSION

R	RADIUS
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCING
REQ'D	REQUIRED
RF	ROOF
RIS	RISER
RM	ROOM
RND	ROUND
RT	ROOF TRUSS
RTU	ROOF TOP UNIT

SCHED	SCHEDULE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SP	SPACE
SPEC (S)	SPECIFICATION (S)
SPEC'D	SPECIFIED
SQ	SQUARE
STD	STANDARD
STIFF.	STIFFENER
STIR.	STIRRUPS
STL	STEEL
STR	STRAIGHT
STRUCT	STRUCTURE OR STRUCTURAL
SUPT (S)	SUPPORT (S)
SYM	SYMMETRICAL

T	TENSION
t	THICKNESS
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T.O.P.	TOP OF PIER OR PEDESTAL
T.O.W.	TOP OF WALL
TCX	TOP CHORD EXTENSION
TEMP	TEMPERATURE
THK	THICK
TOP	TOP OF BEAM
TOC	TOP OF CONCRETE
TODP	TOP OF DRILLED PIER
TOF	TOP OF FOOTING
TOGB	TOP OF GRADE BEAM
TOJ	TOP OF JOIST
TOPC	TOP OF PILE CAP
TOS	TOP OF STEEL
TR	TREAD
TYP	TYPICAL

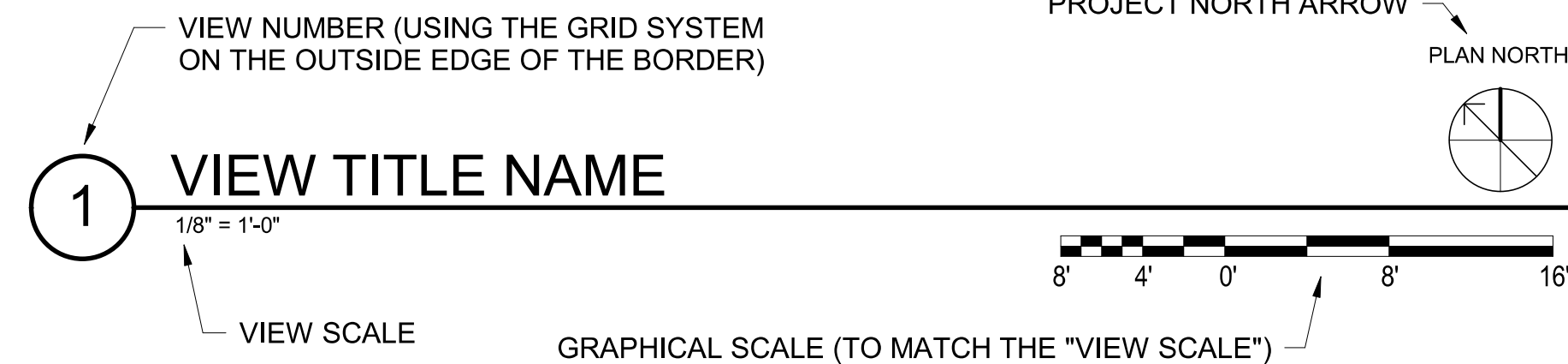
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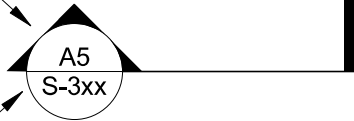
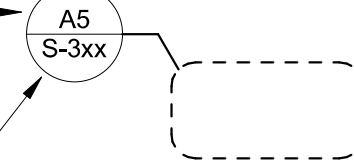
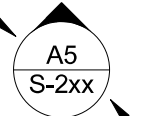
V	SHEAR
VERT	VERTICAL

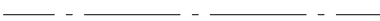
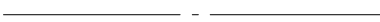
w/	WITH
w/o	WITHOUT
WC	WIND MOMENT CONNECTION
w/cm	WATER CEMENT RATIO
WD	WOOD
WDW	WINDOW
WF	WIDE FLANGE
WL	WIND LOAD
WP	WORKPOINT
WPFPG	WATERPROOFING
WS	WATERSTOP
WT	WEIGHT
WWR	WELDED WIRE REINFORCEMENT

XS EXTRA STRONG
XXS DOUBLE EXTRA STRONG

SYMBOLS LEGEND



SECTION CUT CALLOUT		NEW GRID BUBBLE	EXISTING GRID BUBBLE
SECTION NUMBER SHEET NUMBER  SIM = SIMILAR SITUATION USUALLY NOTED WITH A NOTE ON SECTION			
DETAIL CALLOUT		LEVEL AND ELEVATION INDICATOR	
DETAIL NUMBER SHEET NUMBER  SIM = SIMILAR SITUATION USUALLY NOTED WITH A NOTE ON SECTION		LEVEL / FLOOR NAME ELEVATION SEE PLAN NOTES FOR DATUM ELEVATION	
FRAMING ELEVATION MARKER		SPOT ELEVATION	
ELEVATION NUMBER SHEET NUMBER 		ELEVATION INDICATORS (*) * -4'-0" T.O.P. (TOP OF PEDESTAL) TOF (TOP OF FOOTING) BOF (BOT OF FOOTING) FF (FINISH FLOOR) TOB (TOP OF BEAM) TOJ (TOP OF JOIST) TOGB (TOP OF GRADE BEAM) TOPC (TOP OF PILE CAP) TOS (TOP OF STEEL) TOW (TOP OF WALL) JBE (JOIST BRG ELEV)	
MATERIAL DESIGNATION			

LINETYPE EXAMPLES	
NEW CONSTRUCTION	
EXISTING CONSTRUCTION	
DEMO CONSTRUCTION	
CONTROL JOINTS	
ARCHITECTURAL LINES	
CENTER LINES	
GRID LINES	
HIDDEN LINES	

NEW CONSTRUCTION	
EXISTING CONSTRUCTION	
DEMO CONSTRUCTION	
CONTROL JOINTS	
ARCHITECTURAL LINES	
CENTER LINES	
GRID LINES	
HIDDEN LINES	



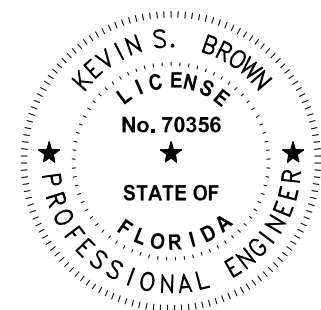
203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
850.522.0644



NAVARRE BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

SCALE

[illegible]

DRAWN BY RCM

APPROVED BY KSB

CHECKED BY KSB

DATE August 2025

TITLE

ABBREVAITIONS AND SYMBOLS LEGEND

PROJECT NO.	50182809
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S-002

SHEET NO. _____ of _____



203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
850.522.0644



Birmingham, AL 35243

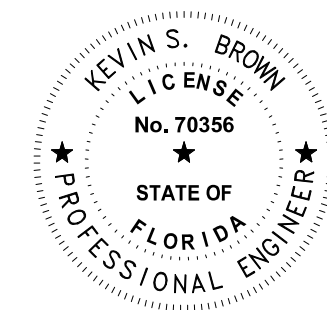
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NAVARRE BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

[illegible]

NO.	DESCRIPTION	DATE
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DRAWN BY RCM

APPROVED BY KSB

CHECKED BY KSB

DATE August 2025

TITLE

SPECIAL INSPECTIONS

PROJECT NO.	50182809
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S-003

SHEET NO. of

SPECIAL INSPECTION GENERAL NOTES

1. SPECIAL INSPECTIONS MUST BE PERFORMED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND THE REFERENCED SPECIFICATIONS LOCATED WITHIN.
2. SPECIAL INSPECTIONS MUST BE PERFORMED IN ADDITION TO ANY BUILDING OFFICIAL'S INSPECTIONS, CONTRACTOR'S QUALITY CONTROL, AND OBSERVATIONS CONDUCTED BY THE STRUCTURAL ENGINEER.
3. DEVIATIONS DISCOVERED DURING THE SPECIAL INSPECTIONS MUST BE COMMUNICATED IMMEDIATELY TO THE ENGINEER OF RECORD.
4. DEVIATIONS MUST BE ADDRESSED PRIOR TO COMPLETION OF WORK.
5. THE SPECIAL INSPECTOR SHOULD BE AN INDEPENDENT THIRD PART CONTRACTED BY THE OWNER.
6. SPECIAL INSPECTOR QUALIFICATIONS:
 - a. QUALIFIED PER THE INTERNATIONAL BUILDING CODE
 - b. EXPERIENCED AND/OR EDUCATED IN THE TASKS REQUIRED TO BE PERFORMED, OBSERVED, OR DOCUMENTED AS OUTLINED WITHIN INSPECTION TABLES
 - c. QUALIFICATIONS OF SPECIAL INSPECTOR MAY BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL HAVING JURISDICTION
7. SPECIAL INSPECTOR ROLE AND RESPONSIBILITIES:
 - a. CONDUCT INSPECTIONS IN AN OBJECTIVE AND COMPETENT MANNER UTILIZING THE APPROPRIATE TESTING EQUIPMENT FOR THE TASK
 - b. ENSURE TESTING EQUIPMENT IS IN SUFFICIENT WORKING CONDITION AND PERIODICALLY CALIBRATED
 - c. MAINTAIN RECORDS AND PROVIDE ALL REQUIRED DOCUMENTATION AS OUTLINED IN INTERNATIONAL BUILDING CODE
 - d. SUBMIT ALL REQUIRED REPORTS TO THE BUILDING OFFICIAL HAVING JURISDICTION AND TO ENGINEER OF RECORD
8. GENERAL CONTRACTOR ROLE AND RESPONSIBILITIES:
 - a. COORDINATE CONSTRUCTION SCHEDULE OF ACTIVITIES WITH SPECIAL INSPECTOR TO ALLOW FOR SPECIAL INSPECTIONS
 - b. MAINTAIN AREA REQUIRING SPECIAL INSPECTIONS TO BE IN A STATE SUFFICIENT TO ALLOW ACCESS AND TESTING TO BE CONDUCTED BY SPECIAL INSPECTOR UNTIL THE REQUIRED ACTIVITY HAS BEEN COMPLETED
9. INSPECTION TABLE DEFINITIONS:
 - a. PERFORM – PERFORM THESE TASKS FOR EACH WELD, FASTENER, BOLTED CONNECTION, OR REQUIRED VERIFIABLE ACTIVITY
 - b. OBSERVE – OBSERVE THESE ITEMS RANDOMLY DURING THE COURSE OF EACH WORKDAY TO ENSURE APPLICABLE REQUIREMENTS ARE BEING MET
 - c. CONTINUOUS – CONSTANT MONITORING OF IDENTIFIED TASK BY A SPECIAL INSPECTOR FOR THE DURATION OF STATED ACTIVITY
 - d. PERIODIC – INTERMITTENT MONITORING OF TASK BY SPECIAL INSPECTOR DURING OR AFTER WORK ACTIVITY HAS BEEN COMPLETED
10. SPECIAL INSPECTIONS FOR FABRICATED ITEMS THAT ARE STRUCTURAL, LOAD BEARING, OR PART OF THE LATERAL LOAD SYSTEM MUST BE PERFORMED AT THE FABRICATOR'S SHOP. SPECIAL INSPECTIONS FOR FABRICATED ITEMS CAN BE WAIVED IF THE FABRICATOR IS REGISTERED AND HAS APPROVAL TO PERFORM WORK WITHOUT SPECIAL INSPECTIONS. IF INSPECTIONS ARE WAIVED, THE FABRICATOR MUST SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL INDICATING COMPLIANCE WITH THE APPROVED STRUCTURAL DRAWINGS.

GEOTECHNICAL - DRIVEN DEEP FOUNDATION ELEMENTS

NO.	ACTIVITY/TASK	INSPECTION TYPE	NOTES
DRIVEN DEEP FOUNDATION ELEMENTS – VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 1705.7 AND TABLE 1705.7			
1	VERIFY ELEMENT MATERIALS, SIZES AND LENGTHS COMPLY WITH REQUIREMENTS	CONTINUOUS	
2	INSPECT DRIVING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT	CONTINUOUS	
3	VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM TYPE AND SIZE OF HAMMER, RECORD NUMBER OF BLOWS PER FOOT OF PENETRATION, DETERMINE REQUIRED PENETRATIONS TO ACHIEVE DESIGN CAPACITY, RECORD TIP AND BUTT ELEVATIONS AND DOCUMENT ANY DAMAGE TO FOUNDATION ELEMENT	CONTINUOUS	
4	DETERMINE CAPACITIES OF TEST ELEMENTS AND CONDUCT ADDITIONAL LOAD TESTS IF REQUIRED	CONTINUOUS	
5	FOR STEEL, CONCRETE, CONCRETE-FILLED, PERFORM ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH THE STEEL AND CONCRETE SECTIONS IN THIS SCHEDULE	CONTINUOUS	
6	FOR SPECIALTY ELEMENTS, PERFORM ADDITIONAL INSPECTIONS AS DETERMINED BY THE LICENSED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE	CONTINUOUS	

STRUCTURAL - CONCRETE CONSTRUCTION

NO.	ACTIVITY/TASK	INSPECTION TYPE	NOTES
CONCRETE CONSTRUCTION INCLUDING COMPOSITE DECK - IBC 1705.3			
1	INSPECT CAST-IN-PLACE ANCHORS, POST-INSTALLED DRILLED ANCHORS, AND ADHESIVE ANCHORS.	PERIODIC	VERIFY PRIOR TO PLACING CONCRETE THAT CAST IN PLACE ANCHORS AND POST INSTALLED DRILLED ANCHORS HAVE PROPER EMBEDMENT, SPACING AND EDGE DISTANCE. INSPECTION REQUIREMENTS FOR ADHESIVE ANCHORS ARE DIFFERENT FROM THOSE FOR OTHER POST-INSTALLED ANCHORS AND REQUIRE ASSESSMENT AND QUALIFICATION UNDER THE PROVISIONS OF ACI 355.4 WHICH MAY REQUIRE PROOF LOADING.



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850.522.0644

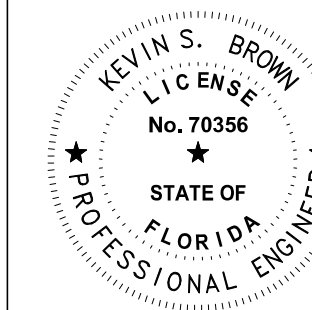


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Birmingham, AL 35243
Project No.: 25013
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NAVARRE BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

[illegible]

NO.	DESCRIPTION	DATE
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APPROVED BY KSB

CHECKED BY KSB

DATE August 2025

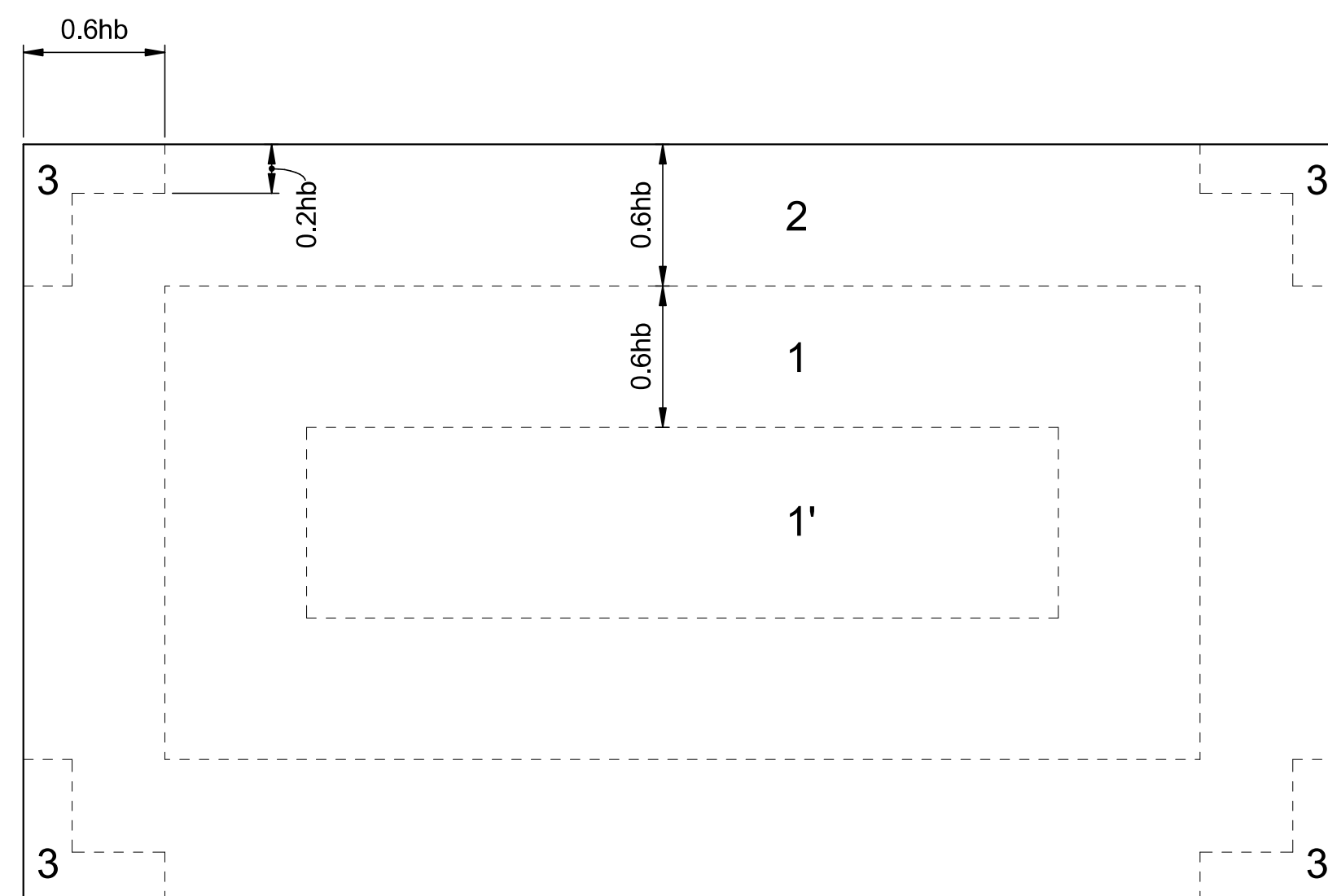
TITLE

COMPONENTS AND CLADDING

PROJECT NO.	50182809
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S-004

SHEET NO. of

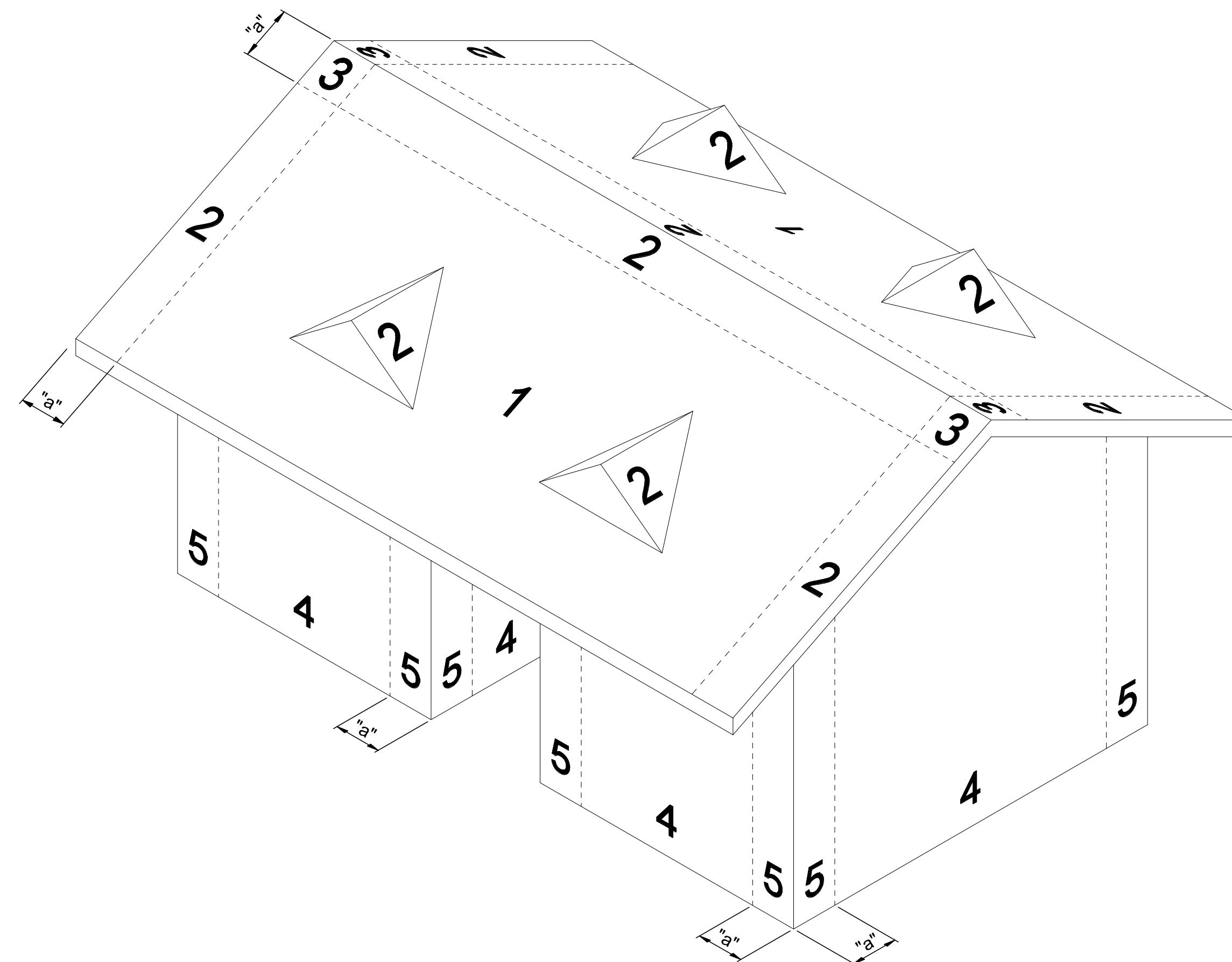


2 COMPONENTAS AND CLADDING - PLAN VIEW - RESTROOM FLOOR

GROSS COMPONENTS AND CLADDING WIND PRESSURE (PSF)							
BOTTOM HORIZONTAL SURFACE OF ELEVATED BUILDING							
NEGATIVE ZONE 1	-114.02	-106.5	-96.55	-89.03	-81.51	-75.44	-71.56
NEGATIVE ZONE 1'	-65.50	-65.5	-65.50	-65.50	-56.37	-49.00	-44.30
NEGATIVE ZONE 2	-150.40	-140.7	-127.95	-118.28	-108.61	-100.80	-95.82
NEGATIVE ZONE 3	-204.99	-185.6	-160.07	-140.73	-121.39	-105.77	-95.82
POSITIVE ZONES 1-3	29.11	27.3	24.87	23.05	23.05	23.05	23.05
FLOOR HEIGHT ABOVE GRADE, h _b =	8.0 FEET						

NOTES:

• PRESSURES SHOWN ARE ULTIMATE (LRFD). SERVICE LEVEL (ASD) PRESSURE MAY BE DERIVED BY MULTIPLYING BY 0.6.



1 COMPONENTS AND CLADDING - ISO VIEW - MAIN BUILDING

GROSS COMPONENTS AND CLADDING WIND PRESSURE (PSF)							
AREA	10 SF	20 SF	50 SF	100 SF	200 SF	350 SF	500 SF
NEGATIVE ZONE 1	-101.89	-92.07	-79.08	-69.26	-59.43	-59.43	-59.43
NEGATIVE ZONE 2	-162.53	-138.80	-107.43	-83.69	-83.69	-83.69	-83.69
NEGATIVE ZONE 3	-192.86	-163.65	-125.03	-95.82	-95.82	-95.82	-95.82
ALL POSITIVE ROOF ZONES	47.30	43.09	37.53	33.32	29.11	29.11	29.11
OVERHANG ZONE 1	-157.68	-144.64	-68.16	-114.34	-101.30	-48.52	-97.03
OVERHANG ZONE 2 @ ZONE 4	-218.33	-191.37	-96.51	-128.78	-125.55	-72.78	-121.29
OVERHANG ZONE 2 @ ZONE 5	-236.52	-206.34	-96.51	-136.26	-129.81	-72.78	-121.29
OVERHANG ZONE 3	-248.65	-216.22	-114.12	-140.91	-137.68	-84.91	-133.42
NEGATIVE ZONE 4	-77.63	-74.40	-70.14	-66.92	-63.69	-61.09	-59.43
NEGATIVE ZONE 5	-95.82	-89.37	-80.85	-74.40	-67.95	-62.75	-59.43
POSITIVE ZONE 4 & 5	71.56	68.34	64.08	60.85	57.63	55.03	53.37
WIDTH OF EDGE STRIP, a =	3.0 FEET						
INTERNAL PRESSURE COEFFICIENT =	± 0.18						
RELIABLE ROOF DEAD LOAD =	10.0 PSF						

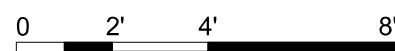
NOTES:

• PRESSURES SHOWN ARE ULTIMATE (LRFD). SERVICE LEVEL (ASD) PRESSURE MAY BE DERIVED BY MULTIPLYING BY 0.6.

- ROOF TRUSS ENGINEER MAY CALCULATE NET UPLIFT BY SUBTRACTING THE RELIABLE DEAD LOAD FROM WIND UPLIFT PRESSURES



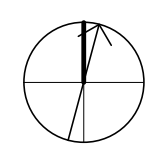
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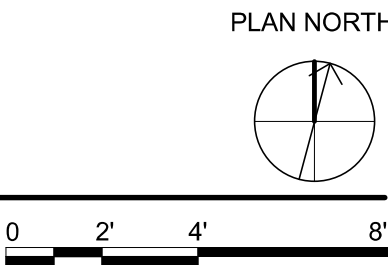
SHEET NO. 0



PLAN NORTH



SHEET NO. _____ of _____



S-141


Dewberry®


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PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

A circular professional engineer seal for Kevin S. Brown. The outer ring contains the text "KEVIN S. BROWN" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 70356" is in the center, and "STATE OF FLORIDA" is at the bottom, also flanked by two stars.

SCALE

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APPROVED BY KSB

CHECKED BY KSB

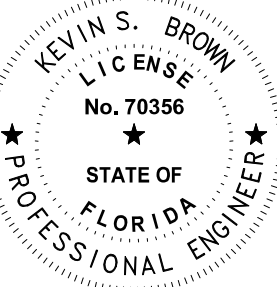
DATE August 2025

PROJECT NO.	50182809
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S-501

SHEET NO. _____ of _____

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

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CHECKED BY KSB
DATE August 2025

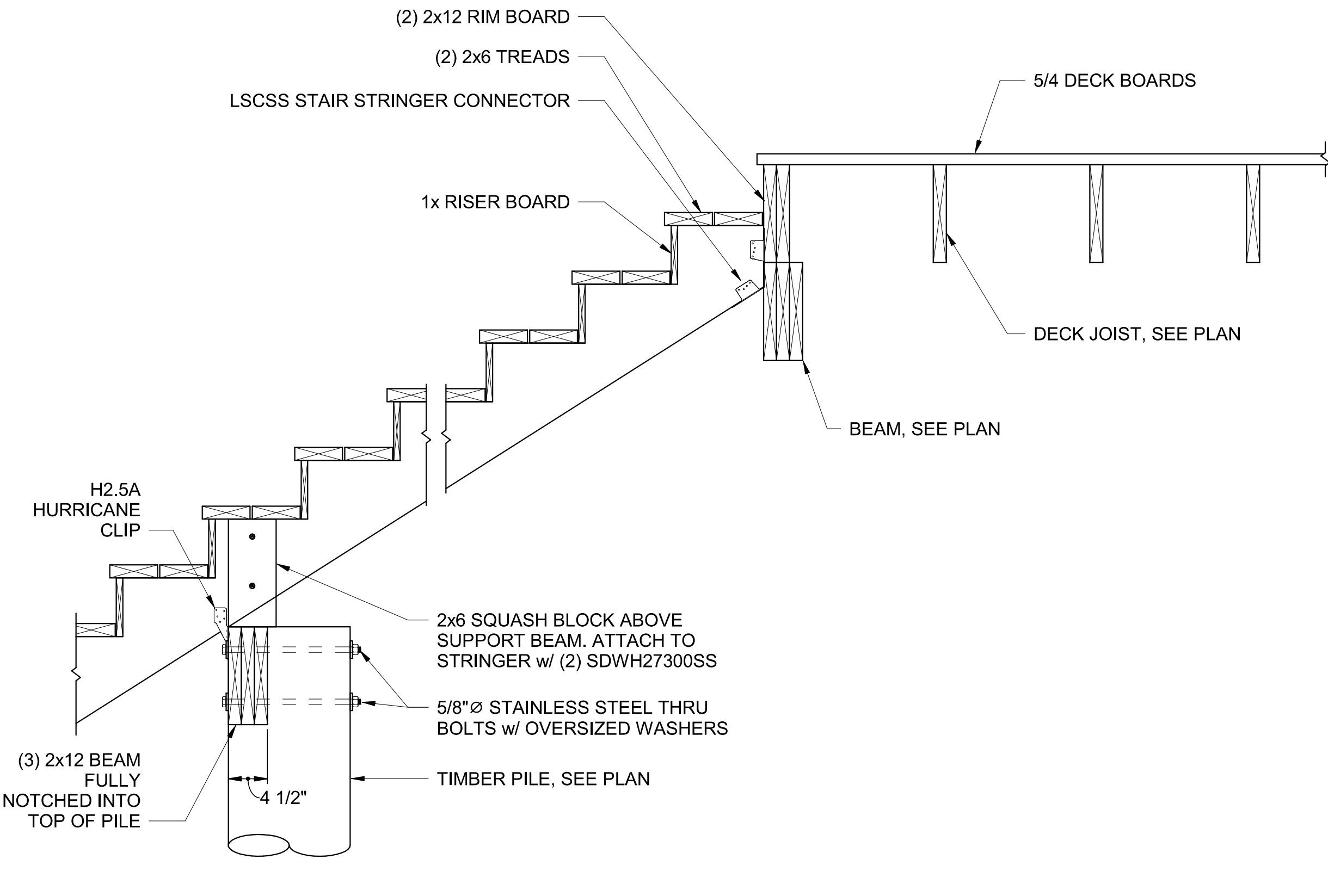
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FLOOR FRAMING
SECTIONS

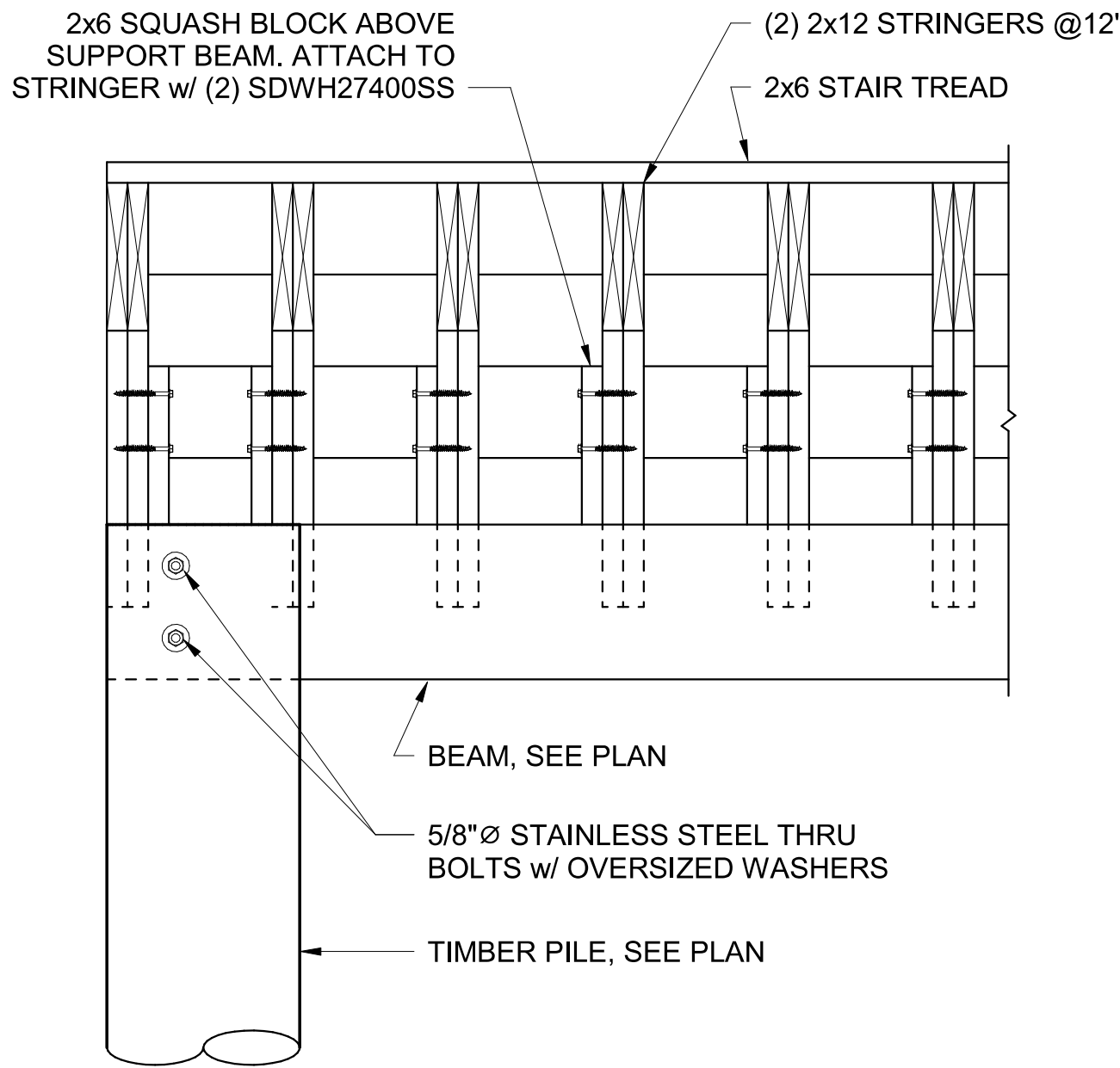
PROJECT NO. 50182809

S-502

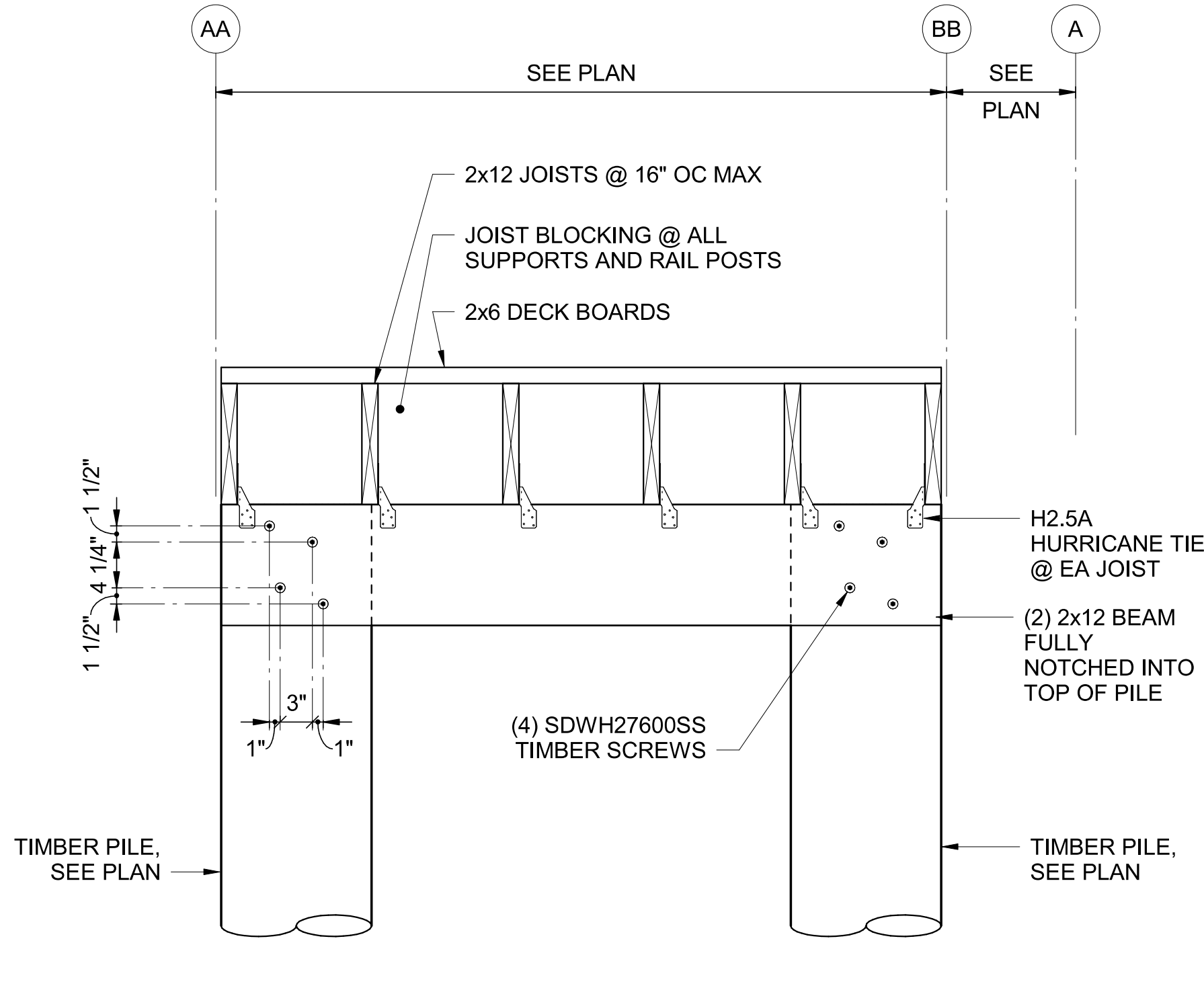
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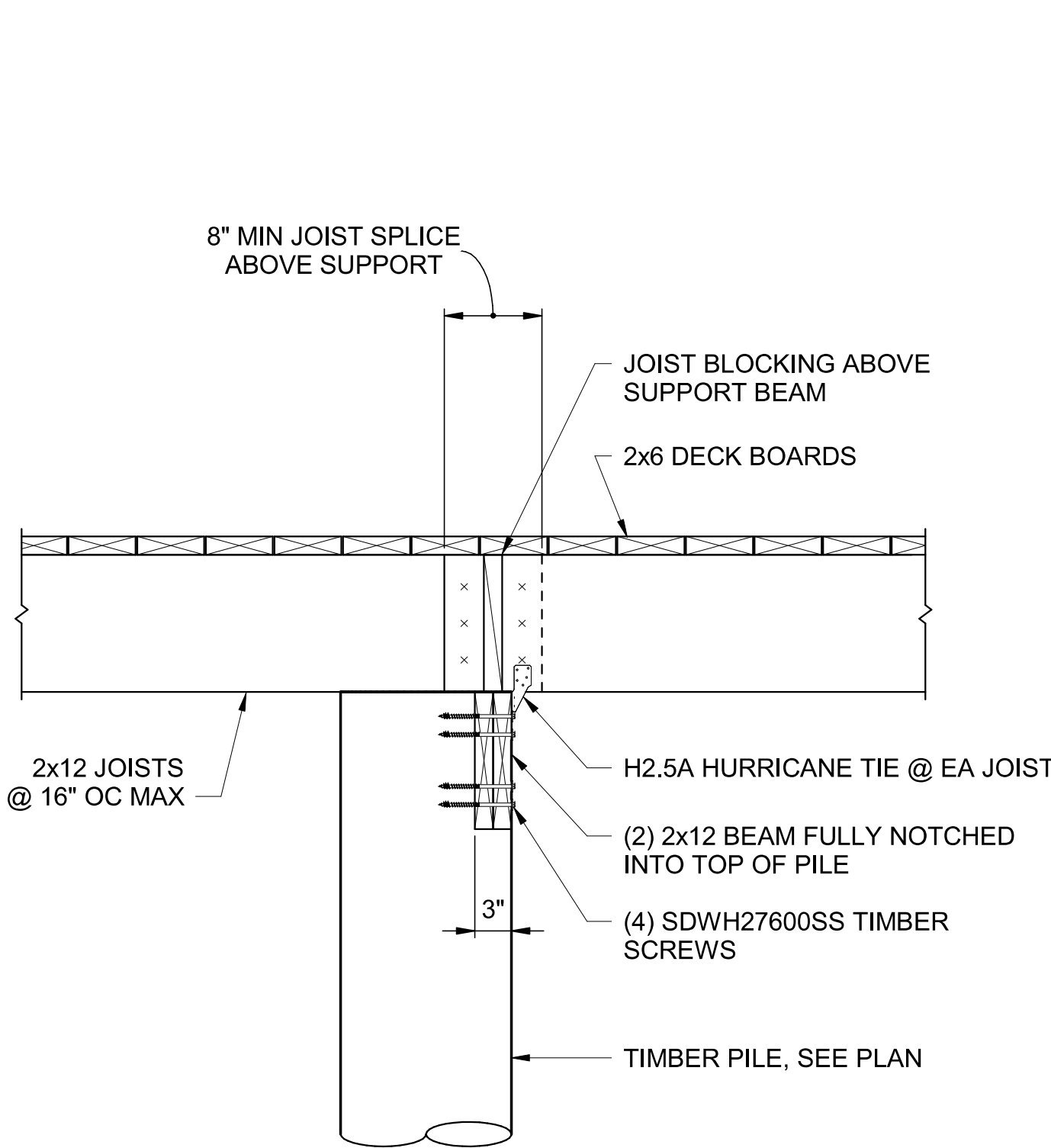
6 SECTION AT STAIR
1" = 1'-0"



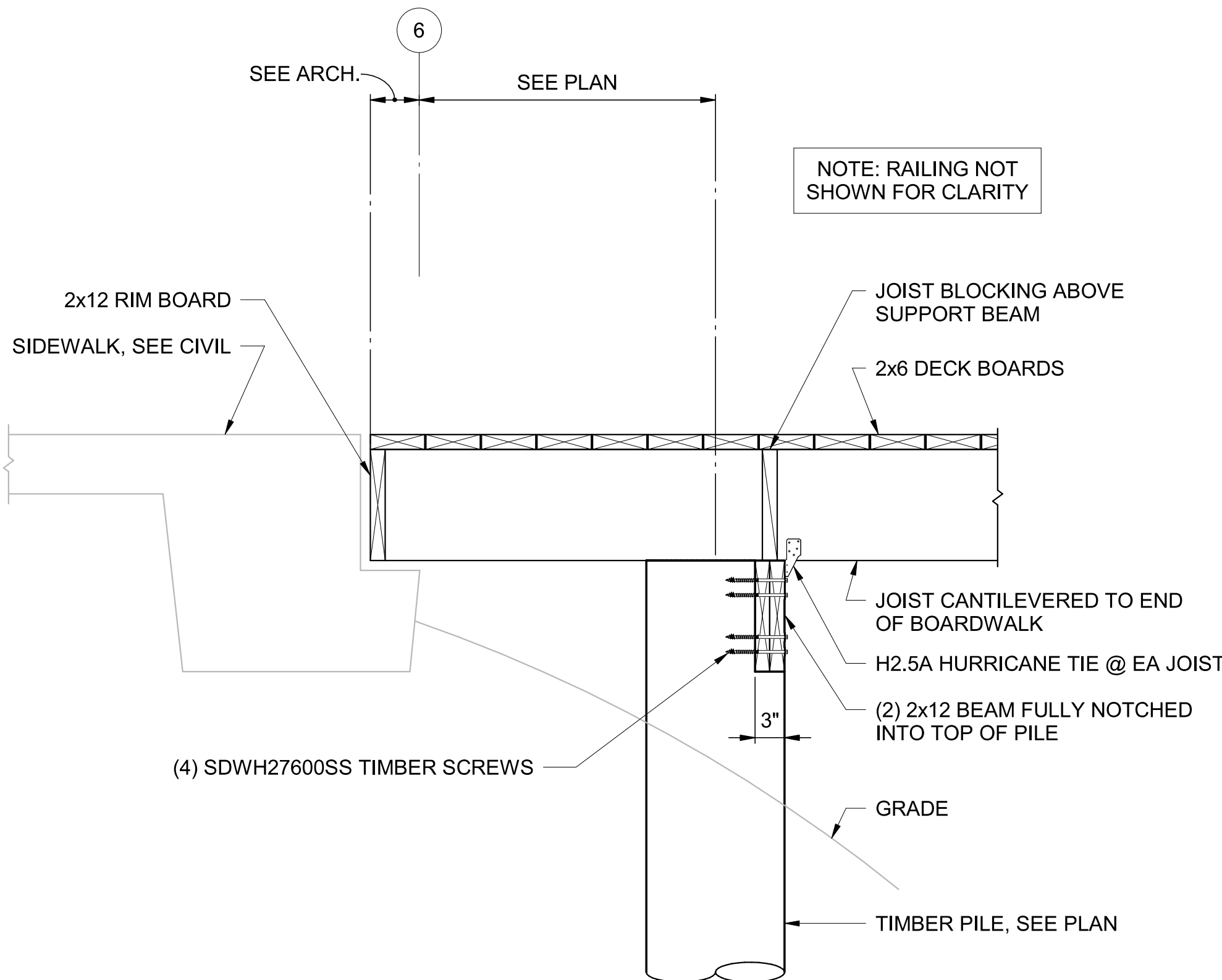
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1" = 1'-0"



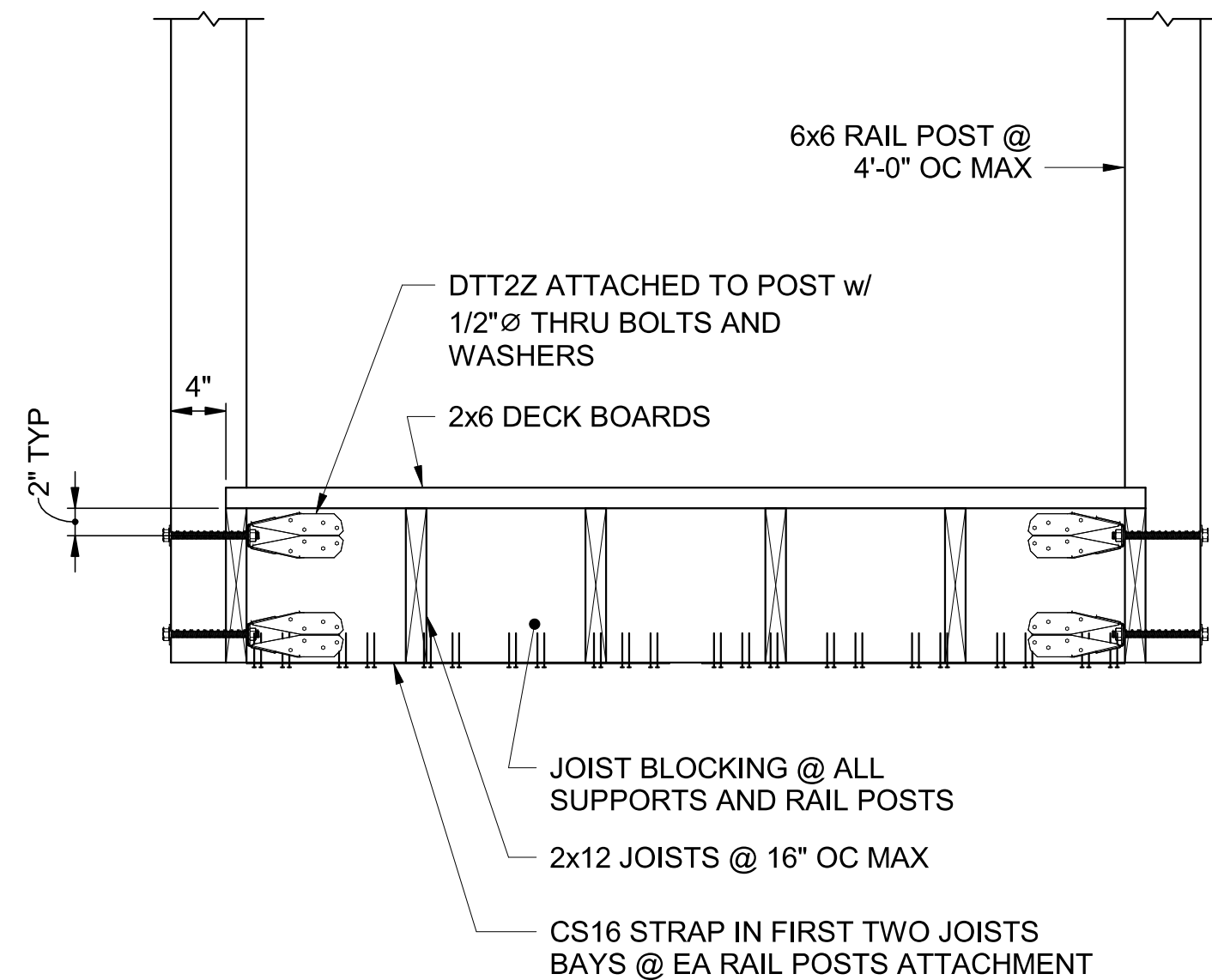
4 SECTION AT BOARDWALK
1" = 1'-0"



3 SECTION AT BOARDWALK
1" = 1'-0"



2 SECTION AT BOARDWALK
1" = 1'-0"



1 SECTION AT BOARDWALK
1" = 1'-0"



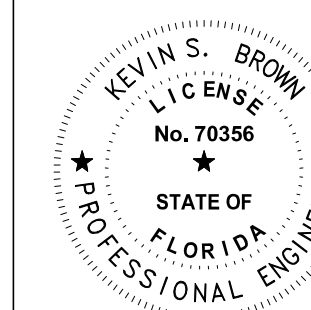
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NAVARRE BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

[illegible]

NO.	DESCRIPTION	DATE
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DRAWN BY RCM

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DATE August 2025

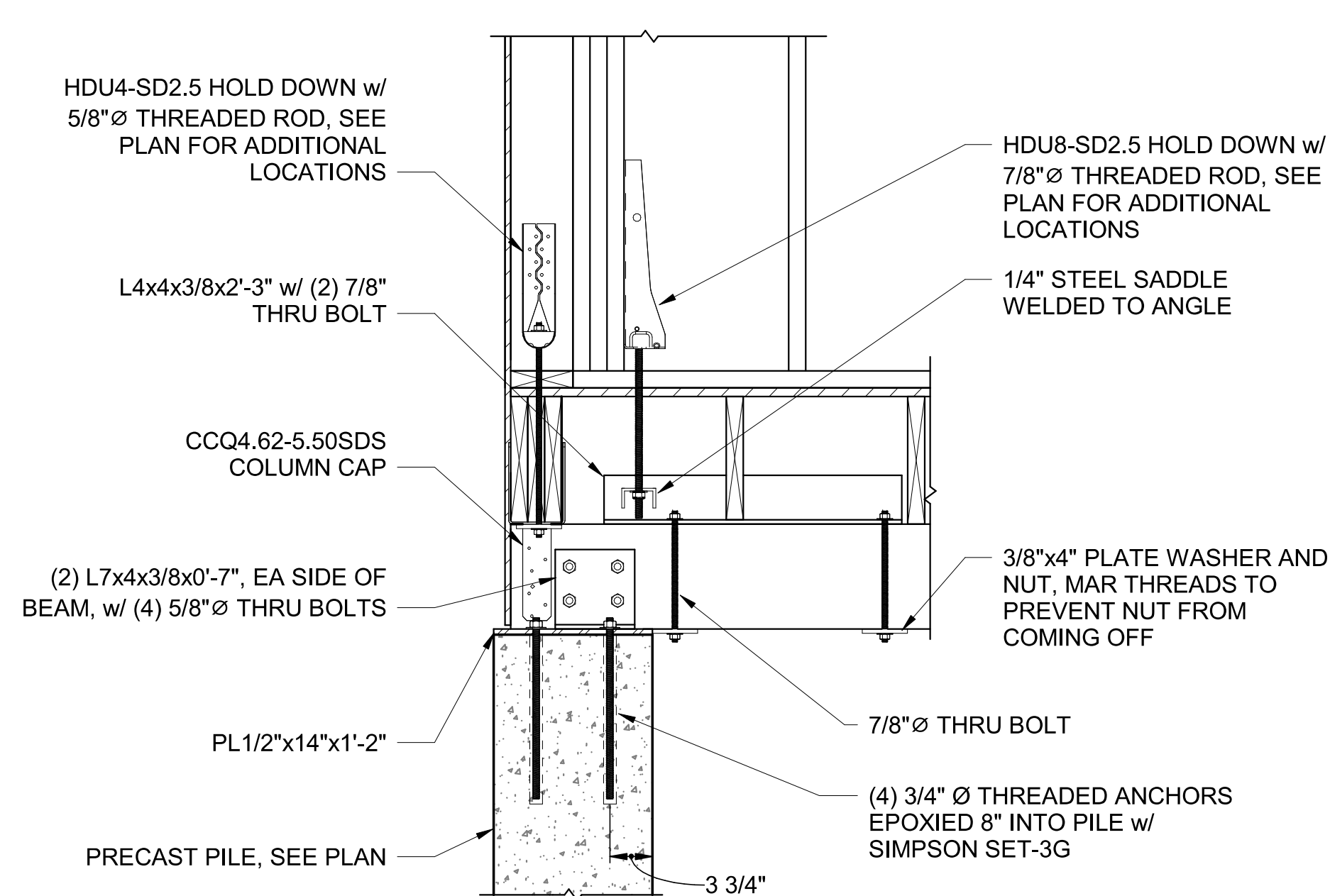
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FLOOR FRAMING SECTIONS

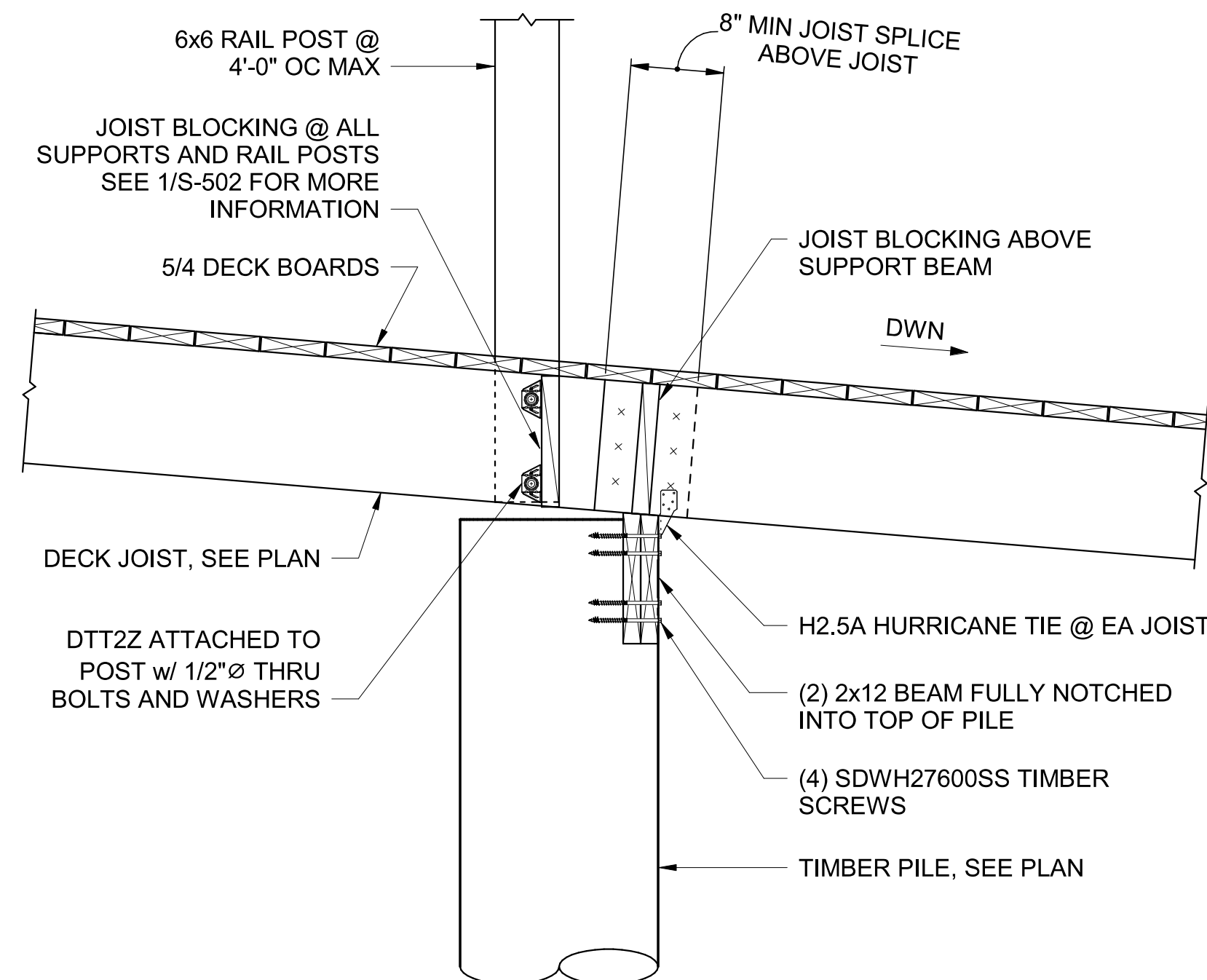
PROJECT NO.	5018280
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S-503

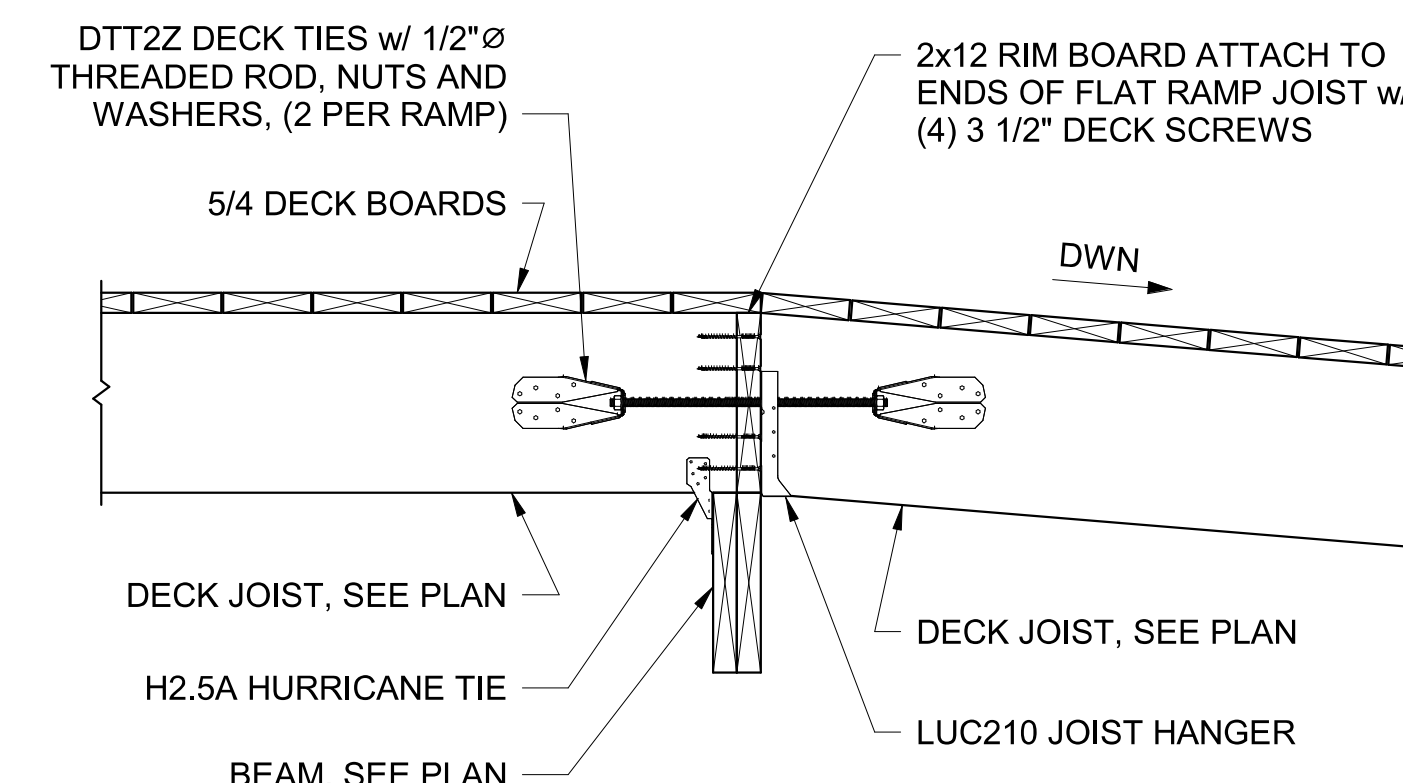
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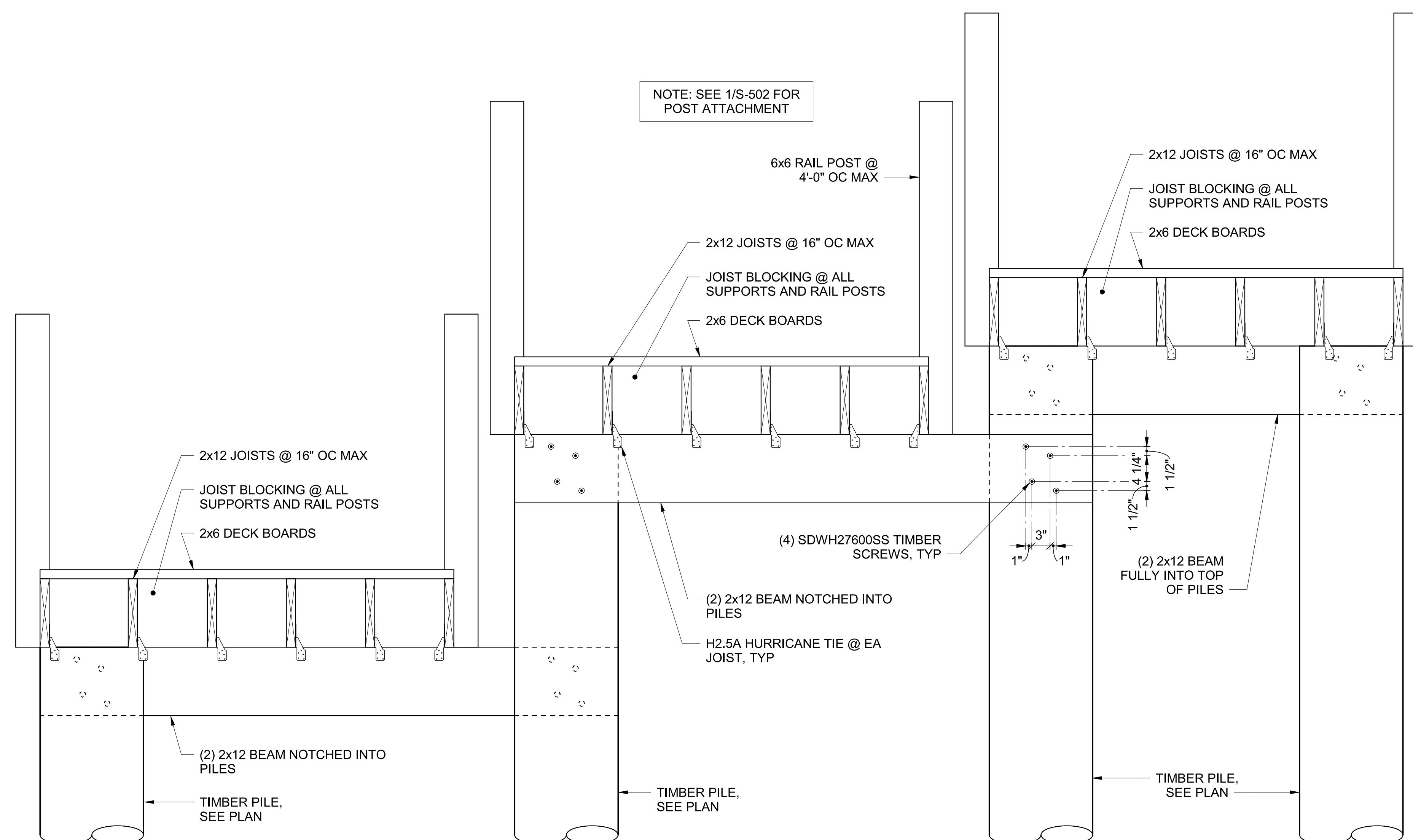
4 SECTION AT PRECAST PILE
1" = 1'-0"



3 SECTION AT RAMP
1" = 1'-0"



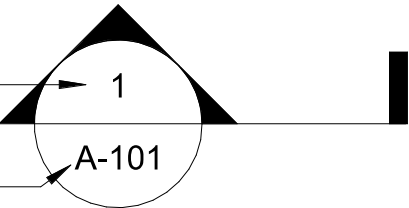
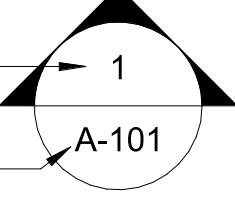
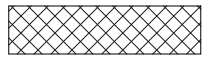
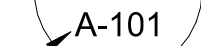
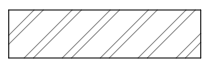
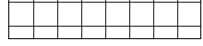
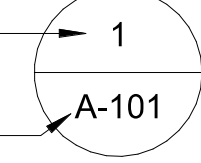
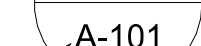
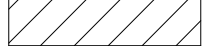
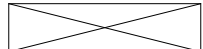
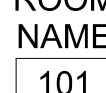
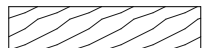
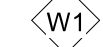
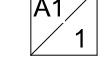
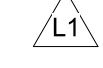
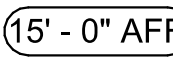
2 SECTION AT RAMP
1" = 1'-0"



1 SECTION AT RAMPS

3 SECTION AT DORMER
1" = 1'-0"

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A-101	OVERALL PLAN - MAIN FLOOR
A-141	OVERALL ROOF PLAN
A-151	REFLECTED CEILING PLAN
A-201	BUILDING ELEVATIONS
A-202	BUILDING ELEVATIONS
A-203	BUILDING ELEVATIONS
A-301	BUILDING SECTIONS
A-311	WALL SECTIONS
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E-221	POWER AND SYSTEMS PLAN
E-311	POWER RISER DIAGRAM AND SCHEDULES

MATERIAL INDICATIONS		SYMBOLS	
	EARTH		SECTION NUMBER
	GRAVEL		SHEET WHERE DRAWN
	CONCRETE		<u>SYMBOL WHERE SECTION IS TAKEN</u>
	MORTAR - CEMENT - PLASTER - STUCCO		ELEVATION NUMBER
	CMU		SHEET WHERE DRAWN
	STEEL (SECTION)		<u>SYMBOL WHERE ELEVATION IS TAKEN</u>
	INSULATION (RIGID)		SECTION NUMBER
	INSULATION (FIBER BATT)		SHEET WHERE DRAWN
	BRICK		<u>TITLE WHERE SECTION OR ELEVATION IS SHOWN</u>
	WOOD (BLOCKING)		ROOM NAME
	WOOD (FINISH)		ROOM TAG
			WINDOW TAG
			DOOR TAG
			LOUVER TAG
			WALL TAG/ FIRE RATING
			SIGNAGE SYMBOL
			CEILING HEIGHT DESIGNATION

FLORIDA PRODUCT APPROVAL NUMBERS		
BUILDING COMPONENT	MANUFACTURER	FL APPROVAL #
STANDING SEAM METAL ROOF	BERRIDGE MANUFACTURING COMPANY	FL 11241.4 R8
SINGLE PLY ROOF MEMBRANE	THE GARLAND COMPANY, INC.	FL 46934.1
CEMENTITIOUS SIDING	JAMES HARDIE BUILDING PRODUCTS	FL 10477.2
EXTERIOR FIBERGLASS DOORS & FRAMES	CORRIM COMPANY	FL 14311.1
EXTERIOR LOUVERS	GREENHECK FAN CORPORATION	FL 6876-R12
*NOTE: CHART INDICATES BASIS OF DESIGN FOR NEW EXTERIOR BLDG. COMPONENTS. BASIS OF DESIGN DOES NOT LIMIT THE SELECTION OF OTHER MANUFACTURERS. GC TO PROVIDE FL. PRODUCT APPROVAL #, MFR. AND MODEL OF PROPOSED COMPONENTS UPON FINAL SELECTION.		

- GENERAL NOTES
1.

ALL WORK SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE GOVERNING REGULATIONS OF ALL FEDERAL, STATE, DISTRICT, AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT.
2.

ARCHITECTURAL PLANS, DETAILS AND SECTIONS ON THE DRAWINGS SHOW DESIGN INTENT AND GENERAL REQUIREMENTS FOR CONSTRUCTION. THE CONTRACTOR MUST REVIEW THE FULL CONTENT OF THE DRAWINGS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES, OMISSIONS OR DEFICIENCIES.
3.

DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYED AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF "TYPICAL DETAILS" SHALL BE RESOLVED BY THE ARCHITECT.
4.

DRAWINGS SHALL NOT BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED MEASUREMENTS.
5.

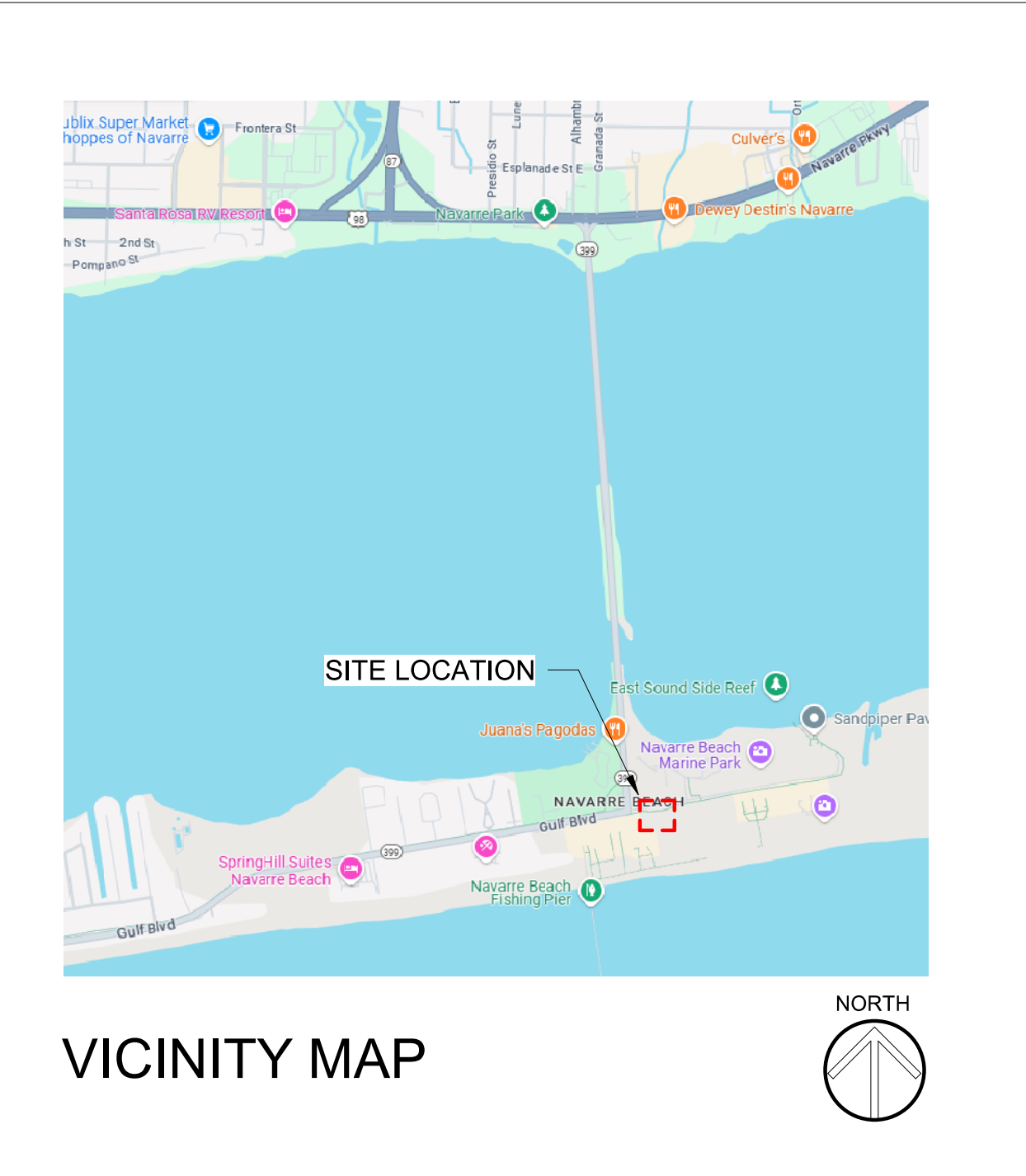
REFER TO THE STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR THE DETAILED DESIGN OF STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS, OF WHICH PORTIONS MAY BE SHOWN ON THE ARCHITECTURAL DRAWINGS FOR COORDINATION PURPOSES ONLY.
6.

ALL DIMENSIONS ON THE FLOOR PLANS ARE FROM COLUMN CENTER LINES, FACE OF CMU AND CONCRETE WALLS, OR FACE OF WOOD AND/OR METAL STUDS, UNO EXTERIOR WALL FRAMING IS DIMENSIONED TO THE FACE OF STUD, AND DO NOT INCLUDE FINISH WALL MATERIAL THICKNESS.
7.

PROVIDE NECESSARY CHASES FOR MECHANICAL, PLUMBING AND ELECTRICAL AS REQUIRED.
8.

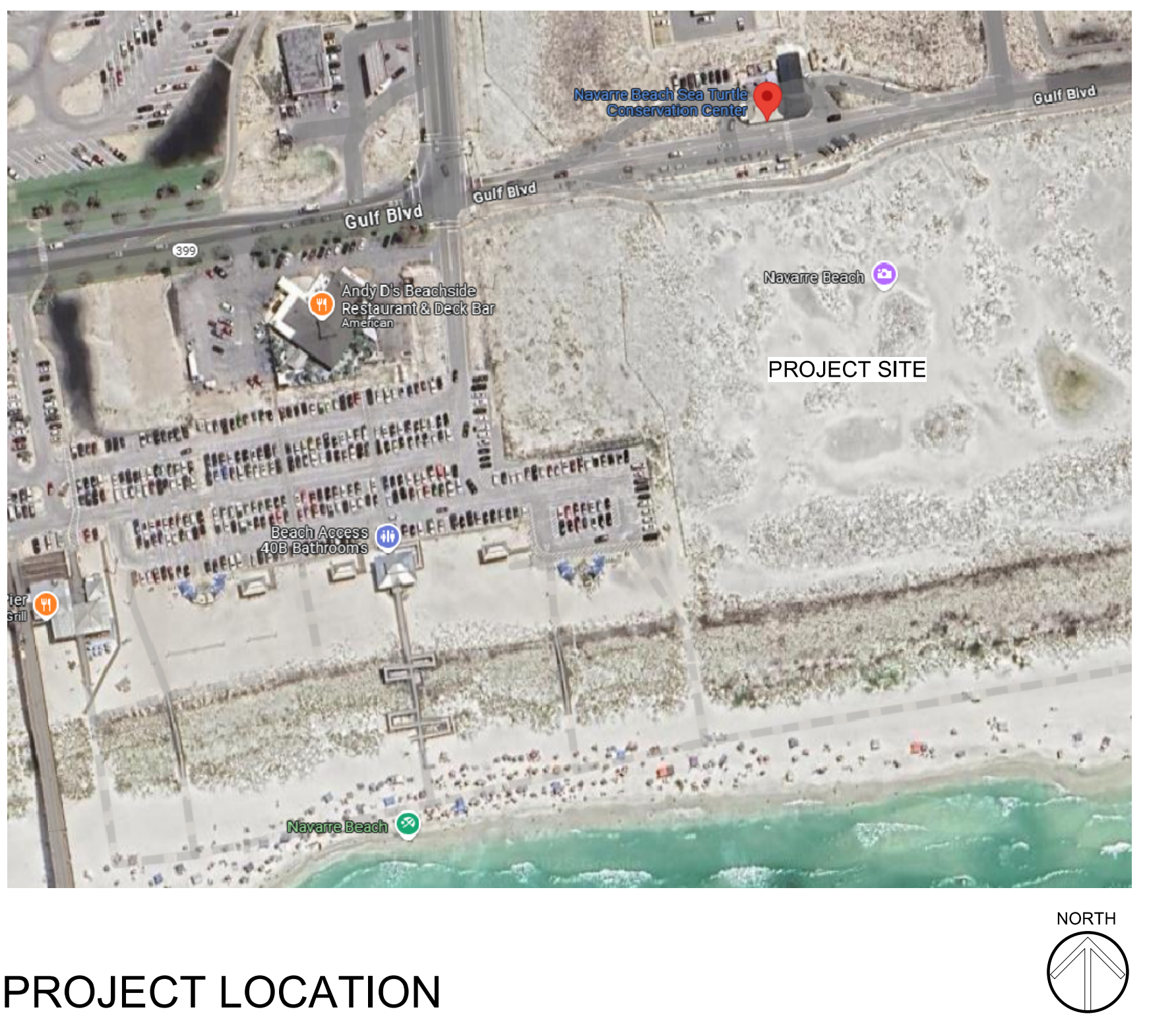
PROVIDE BLOCKING AS NECESSARY FOR ANY WALL MOUNTED ITEMS OR ACCESSORIES.

PROJECT DESCRIPTION	
PROJECT NAME: NAVARR BEACH PARKING AND RESTROOM	
SITE LOCATION: 8740 GULF BLVD, NAVARR, FL 32566	
PROPOSED USE: OCCUPANCY U: SEE SHEET G-004 FOR MORE INFO	
PROJECT AREA: 320,600 SF	
BUILDING AREA: 2,942 SF	
AUTHORITY HAVING JURISDICTION: SANTA ROSA COUNTY	
CONTACT PERSON: CESAR REYES - STOA ARCHITECTS (850) 432-1912	
APPLICABLE CODES	
FBC	2023 FLORIDA BUILDING CODE
FBCEC	2023 FLORIDA BUILDING CODE ENERGY CONSERVATION
FBCEG	2023 FLORIDA BUILDING CODE FUEL GAS
FBCEP	2023 FLORIDA BUILDING PLUMBING
FBCM	2023 FLORIDA BUILDING CODE MECHANICAL
FAC	2023 FLORIDA ACCESSIBILITY CODE
FFPC	2023 FLORIDA FIRE PREVENTION CODE
NFPA	2023 LIFE SAFETY CODE - NFPA 101



STANDARD ABBREVIATIONS

A	AIR CONDITIONED	D	DETAIL	H	HIGH	N	NOT APPLICABLE	S	SUPPLY
AC	ACOUSTIC CEILING TILE	DET	DIAMETER	H	HOSE BIB	NA	NOT IN CONTRACT	SA	SUPPLY AIR
AD	AREA DRAIN	DIFF	DIFFUSER	HB	HOLLOW CORE	NIC	NUMBER	SCH	SCHEDULE
AFF	ABOVE FINISHED FLOOR	DIM	DIMENSION	HC	HEIGHT	NO		SECT	SECTION
AHU	AIR HANDLING UNIT	DISC	DISCONNECT	HORIZ	HORIZONTAL			SERV	SERVICE
ALT	ALTERNATE	DJ	DUMMY JOINT	HM	HOLLOW METAL	QA	OUTDOOR AIR	SHT	SHEET
ALUM	ALUMINUM	DN	DOWN	HP	HORSEPOWER	OC	ON CENTER	SJ	SAWED JOINT
AMP, A	AMPERES	DR	DRAIN	HR	HOUR	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	SPEC	SPECIFICATIONS
AO	ACCESS OPENING	DS	DOWNSPOUT	HTG	HEATING		OVERLOAD	SQ FT	SQUARE FEET
APPROX	APPROXIMATELY	DWG(S)	DRAWING(S)	HTR	HEATER	OL	OPENING	ST	STEEL
ARCH	ARCHITECTURAL			H&V	HEATING AND VENTILATING	OPNG	OPPOSITE	STOR	STORAGE
A.T.	ASPHALT TILE	E	EACH	HW	HARDWARE	OPP	OPEN SIGHT DRAIN	STRUC	STRUCTURAL
		EA	EACH FACE	HYD	HYDRANT	OSD	OPEN TO STRUCTURE	SUSP	SUSPENDED
B		EF	ELECTRIC	I		OTS		SW	SWITCH
BAL	BALANCE	EQUIP	EQUIPMENT	ID	INSIDE DIAMETER	P	PAPER	I	
BD	BOARD	EW	EACH WAY	IE	INVERT ELEVATION	P	PARTITION	T	TOILET
BLDG	BUILDING	EWC	ELECTRIC WATER COOLER	IN	INCHES	P	PERIMETER	TEL	TELEPHONE
BLK	BLANK	EXH	EXHAUST	INCAND	INCANDESCENT	PER.	PREFORMED JOINT FILLER	TEMP	TEMPERATURE
BM	BEAM	EXP JT	EXPANSION JOINT	INSUL	INSULATION	PJF	PLATE	THICK	THICKNESS
BOT	BOTTOM	EXT	EXTERIOR	INT	INTERIOR	PL	PLUMBING	THD	THRESHOLD
BRG	BEARING	EXIST	EXISTING			PLBG	PLYWOOD	TOC	TOP OF CONCRETE
BTUH	BRITISH THERMAL UNIT/HOUR			K	KILOVOLT-AMPERE	PLYWD	PANEL	TOF	TOP OF FOOTING
		F	FIRE ALARM	KW	KILOWATT	PNL	PRESSURE	TOIL	TOILET
C	CABINET	FA	FLEXIBLE CONNECTION	KWH	KILOWATT HOUR	PRESS.	POUNDS/SQUARE FOOT	TYP	TYPICAL
CAB	CAPACITY	FC	FLOOR DRAIN			PSF	POUNDS/SQUARE INCH		
C/B	CIRCUIT BREAKER	FEC	FIRE EXTINGUISHER CABINET	L		PSI	POUNDS/SQUARE INCH-GAGE	V	VOLT
CD	CEILING DIFFUSER	FIN	FINISH	LB, #	POUND	PT	PRESSURE TREATED	V	VINYL ASBESTOS TILE
CEM	CEMENT	FL	FLOOR	LG	LONG	PTD	PAINTED	VAT	VENTILATION
CER	CERAMIC	FRT	FIRE RETARDANT TREATED	LLV	LONG LEG VERTICAL			VENT.	VERTICAL
CFCI	CONTRACTOR FURNISHED; CONTRACTOR INSTALLED	FT	FOOT, FEET	LV	LIGHTING PANEL	Q	QUARTER	VIF	VERIFY IN FIELD
	CUBIC FEET/MINUTE	FTG	FOOTING	LTG	LIGHTING	QTR	QUANTITY	VTR	VENT THROUGH ROOF
CFM	CIRCUIT			M		QUAN			
CKT	CENTERLINE	G		M	MOTOR			W	WATT
CL	CEILING	GA	GAUGE	MAINT	MAINTENANCE	R	RISER	W	WITH
CEIL	CLOSET	GAL	GALLON	MAX	MAXIMUM	RA	RETURN AIR	WC	WAINSCOTING
CLR	CLEAR	GALV	GALVANIZED	MDP	MAIN DISTRIBUTION PANEL	RAD	RADIUS	WD	WOOD
CMU	CONCRETE MASONRY UNIT	GFCI	GOVERNMENT FURNISHED; CONTRACTOR INSTALLED	MECH	MECHANICAL	RD	ROUND	W.D.	WINDOW DIMENSION
CO	CLEANOUT			MTL	METAL	REG	REGISTER	WF	WIDE FLANGE
COL	COLUMN	GFE	GOVERNMENT FURNISHED EQUIPMENT	MIN	MINIMUM	REIF	REINFORCING	WG	WEATHER GAGE
CONC	CONCRETE	GFGI	GOVERNMENT FURNISHED; GOVERNMENT INSTALLED	MISC	MISCELLANEOUS	REQ	REQUIRED	RET	RETURN
COND	CONDENSATE			MO	MASONRY OPENING	RET	RETURN GRILLE	WTR	WATER
CONN	CONNECTION	GL	GLASS	MT	METAL THRESHOLD	RM	ROOM	WWF	WELDED WIRE FABRIC
CONST	CONSTRUCTION	GMS	GALVANIZED METAL STUD	MTD	MOUNTED	RPM	REVOLUTIONS/MINUTE		
CONT	CONTINUOUS	GND	GROUND	MTG	MOUNTING				
CONTR JT	CONTRACTION JOINT	GOVT	GOVERNMENT	MV	MECHANICAL/VENTILATION				
CSC	COLOR SYMBOL CODE	GPH	GALLONS PER HOUR	MGT	MATTE GLAZE TILE				
CT	CERAMIC TILE	GPM	GALLONS PER MINUTE						
CTB	CERAMIC TILE BASE	GR	GRILLE						
CTOC	CENTER TO CENTER	GWB	GYPSUM WALLBOARD						





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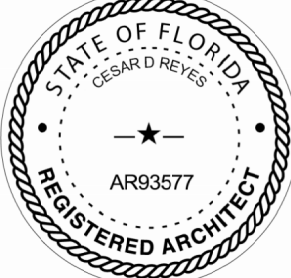


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NAVARR BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

2	FWC Comments	01/30/2026

NO.	DESCRIPTION	DATE

DRAWN BY RR, JC
APPROVED BY CR, RR, JC
CHECKED BY RR, CR
DATE AUGUST 2025
TITLE

CODE,
ABBREVIATIONS &
SYMBOLS

PROJECT NO. 50182809

SHEET NO. G-003 of

APPLICABLE BUILDING CODES:

OCCUPANCY CLASSIFICATION:

TYPE OF CONSTRUCTION:

FIRE PROTECTION:

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (FBC TABLE 601):

BUILDING HEIGHT/NUMBER OF STORIES (FBC TABLE 504.3 & 504.4):

BUILDING AREA (FBC TABLE 506.2):

CALCULATED OCCUPANT LOAD FOR EGRESS CAPACITY (NFPA 101 TABLE 7.3.1.2):

MEANS OF EGRESS REQUIREMENTS:

 EXIT TRAVEL DISTANCE

← COMMON PATH OF EGRESS

 TD | TRAVEL DISTANCE LENGTH | EXIT SIGN

FEC	FIRE EXTINGUISHER CABINET
-----	---------------------------

FE	FIRE EXTINGUISHER BRACKET MOUNT
----	---------------------------------

F	MANUAL PULL STATION
---	---------------------

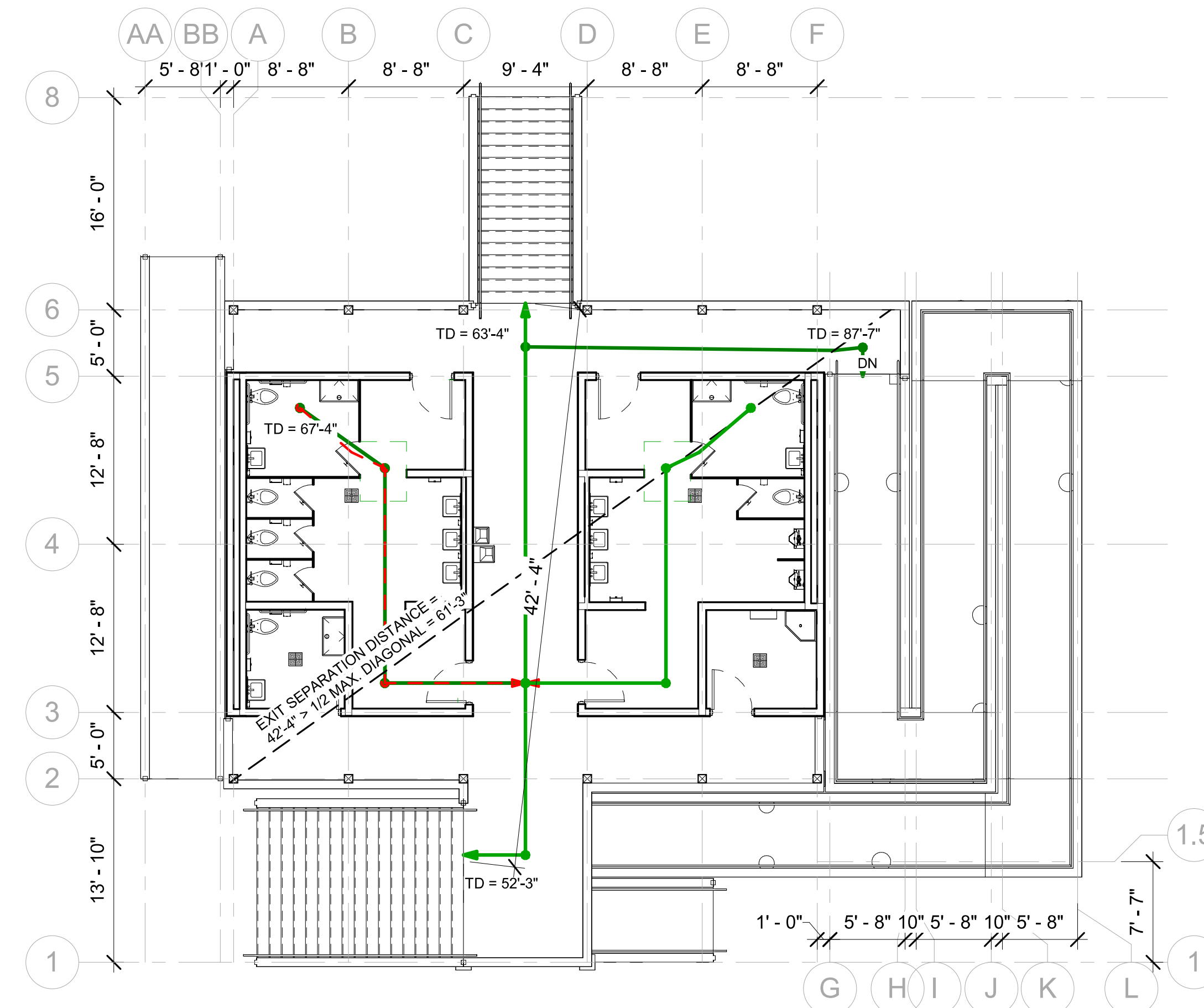
FACP FIRE ALARM CONTROL PANEL

FAA	FIRE ALARM REMOTE ANNUNCIATOR
-----	-------------------------------

EPO EMERGENCY POWER OFF SWITCH

KB	EMERGENCY KEY BOX
----	-------------------

FROM ROOM	TO ROOM	LENGTH	Line Style
WOMENS 203	DECK 110	52' - 3"	<Path of Travel Lines>
MENS 204		63' - 4"	<Path of Travel Lines>
WOMENS 203		87' - 7"	<Path of Travel Lines>
WOMENS 203	DECK 110	34' - 8"	Egress Path
MENS 204	DECK 110	34' - 8"	Egress Path



1 OVERALL FIRST FLOOR LIFE SAFETY PLAN

8' 4' 0' 8' 16'

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

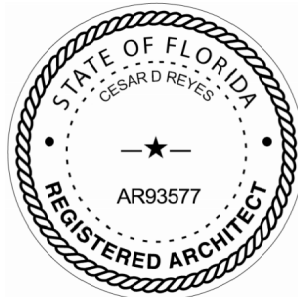


STOA
Architects

NAVARRE BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

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FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

[illegible]

NO.	DESCRIPTION	DATE
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DATE AUGUST 2025

TITLE

LIFE SAFETY PLAN

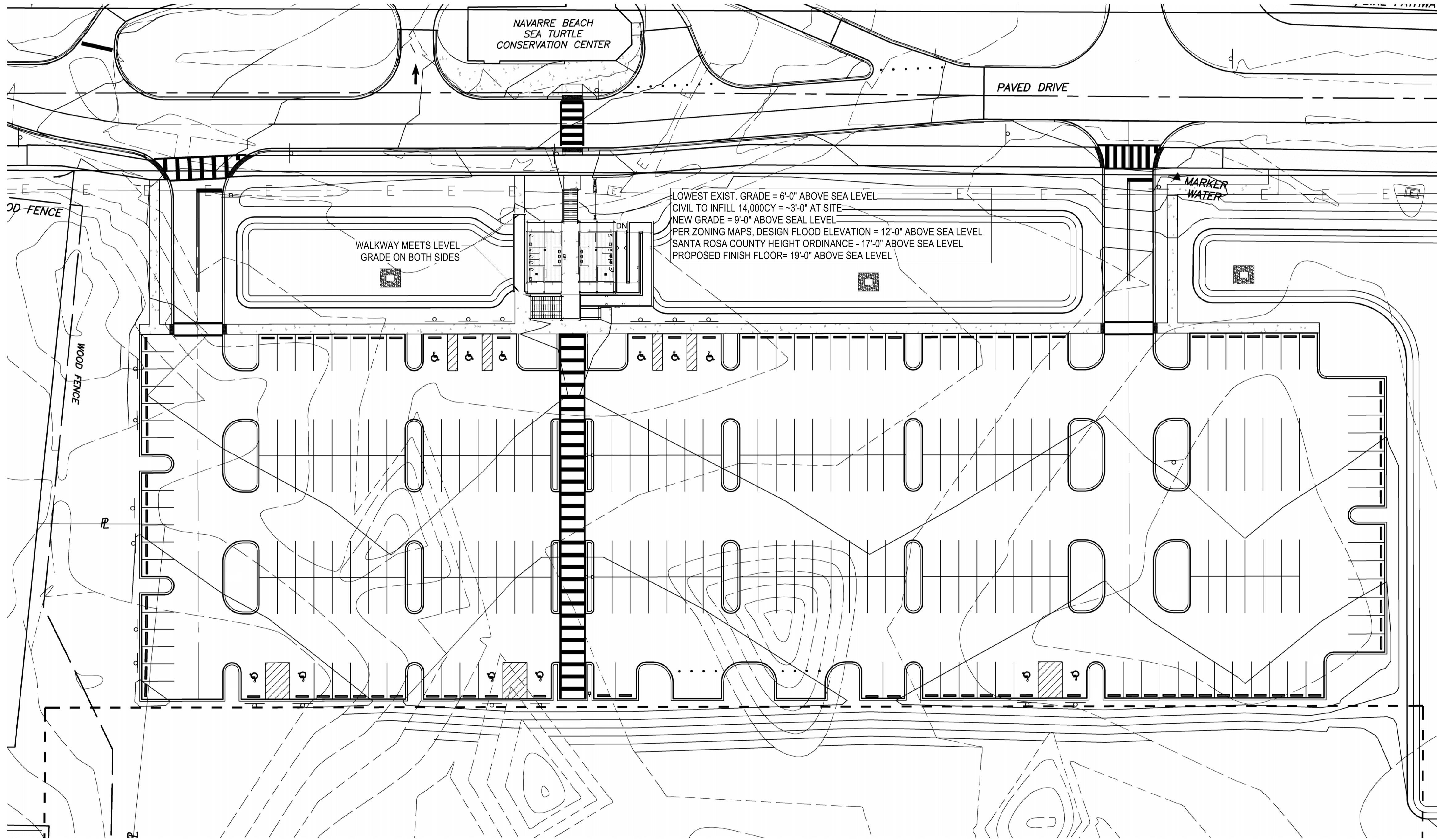
PROJECT NO.	50182809
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G-004

SHEET NO. of

GENERAL NOTES

1. SEE CIVIL PLANS FOR UPDATED SITE PLAN



SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

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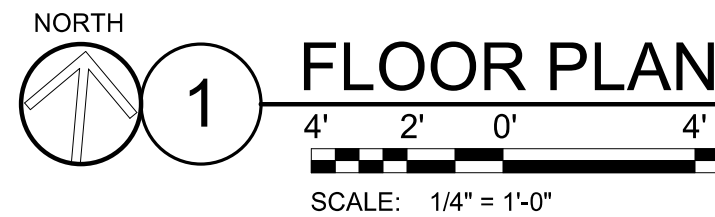
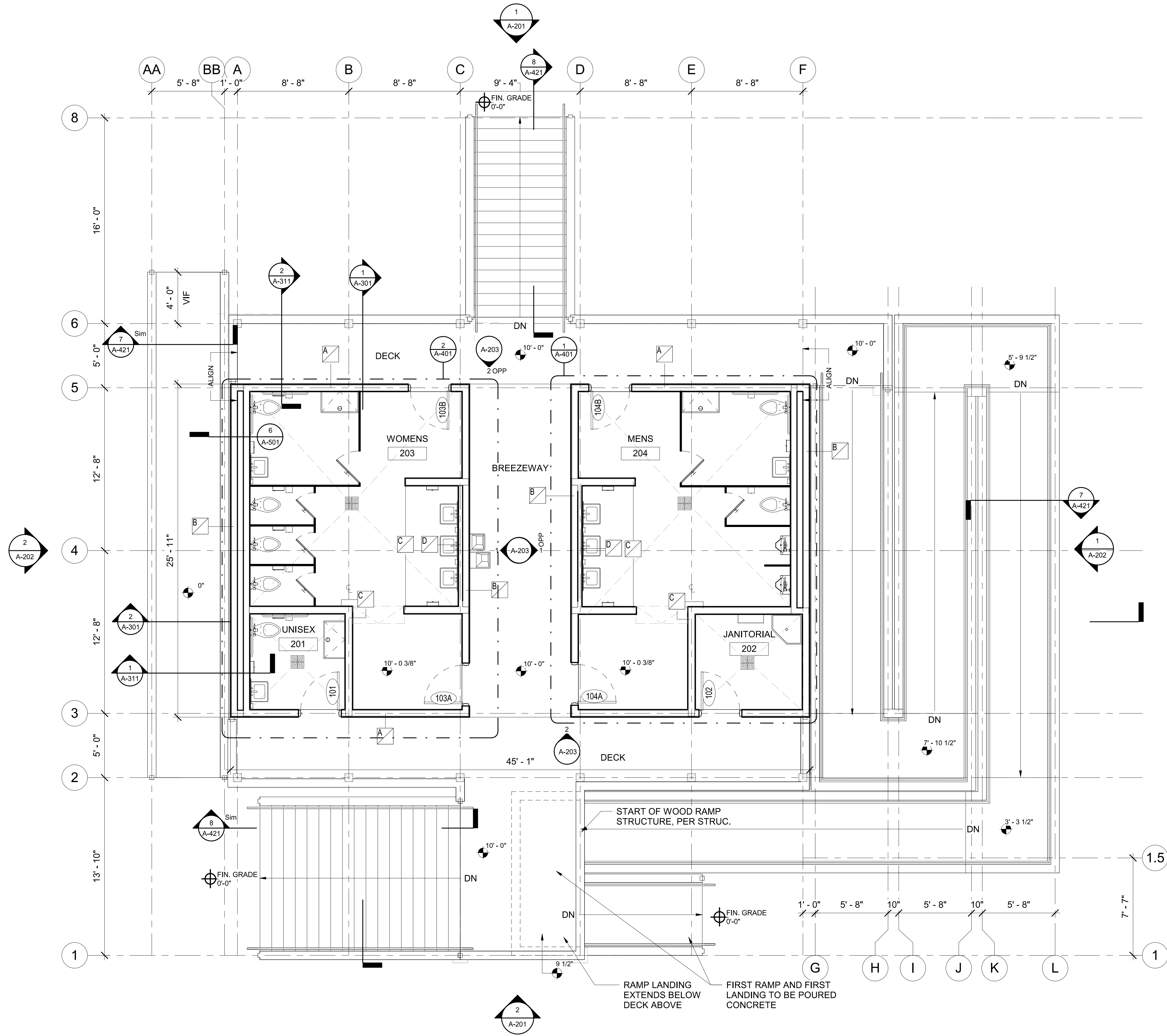
TITLE

ARCHITECTURAL
SITE PLAN

PROJECT NO. 50182809

A-100

SHEET NO. of



GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO PERFORMING NEW WORK.
2. REFER TO WALL TYPE SHEET FOR ADDITIONAL INFORMATION ON WALL TYPE ASSEMBLIES.
3. CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO COMMENCING WORK.
4. COORDINATE WITH MECHANICAL, PLUMBING AND ELECTRICAL PRIOR TO COMMENCING ANY WORK.
5. SEE LIFE SAFETY PLAN FOR LOCATIONS OF FIRE EXTINGUISHERS.
6. ALL FURNITURE N.I.C. U.N.O.
7. SEE FINISH SCHEDULE FOR ALL INTERIOR FINISHES.
8. PROVIDE REINFORCING AND BLOCKING IN STUD WALL CAVITIES WHERE REQUIRED TO SUPPORT WALL COMPONENTS.
9. COORDINATE WITH PLUMBING DRAWINGS.
10. SEE A-401 FOR NOTES ON RESTROOM DRAINAGE PLAN.
11. DIMENSIONS FROM STUD FACE TO STUD FACE, U.N.O.
12. SPOT ELEVATIONS DESIGNATED FROM FINISH GRADE AT 0'-0"; FINISH GRADE IS 9'-0" ABOVE SEA LEVEL.
13. SEE STRUCTURAL PLANS FOR PILING PLAN AND LAYOUT.



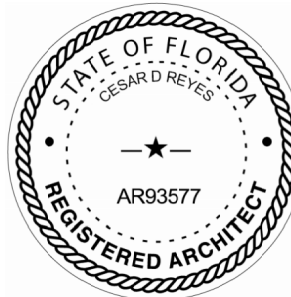
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NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

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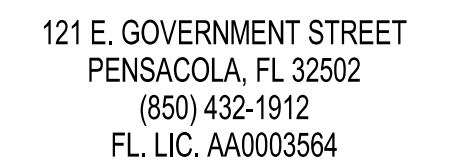
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DATE AUGUST 2025
TITLE

OVERALL PLAN -
MAIN FLOOR

PROJECT NO. 50182809

A-101

SHEET NO. of



NAVARRE BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

FINAL BIDDING DOCUMENTS

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TITLE

REFLECTED CEILING
PLAN

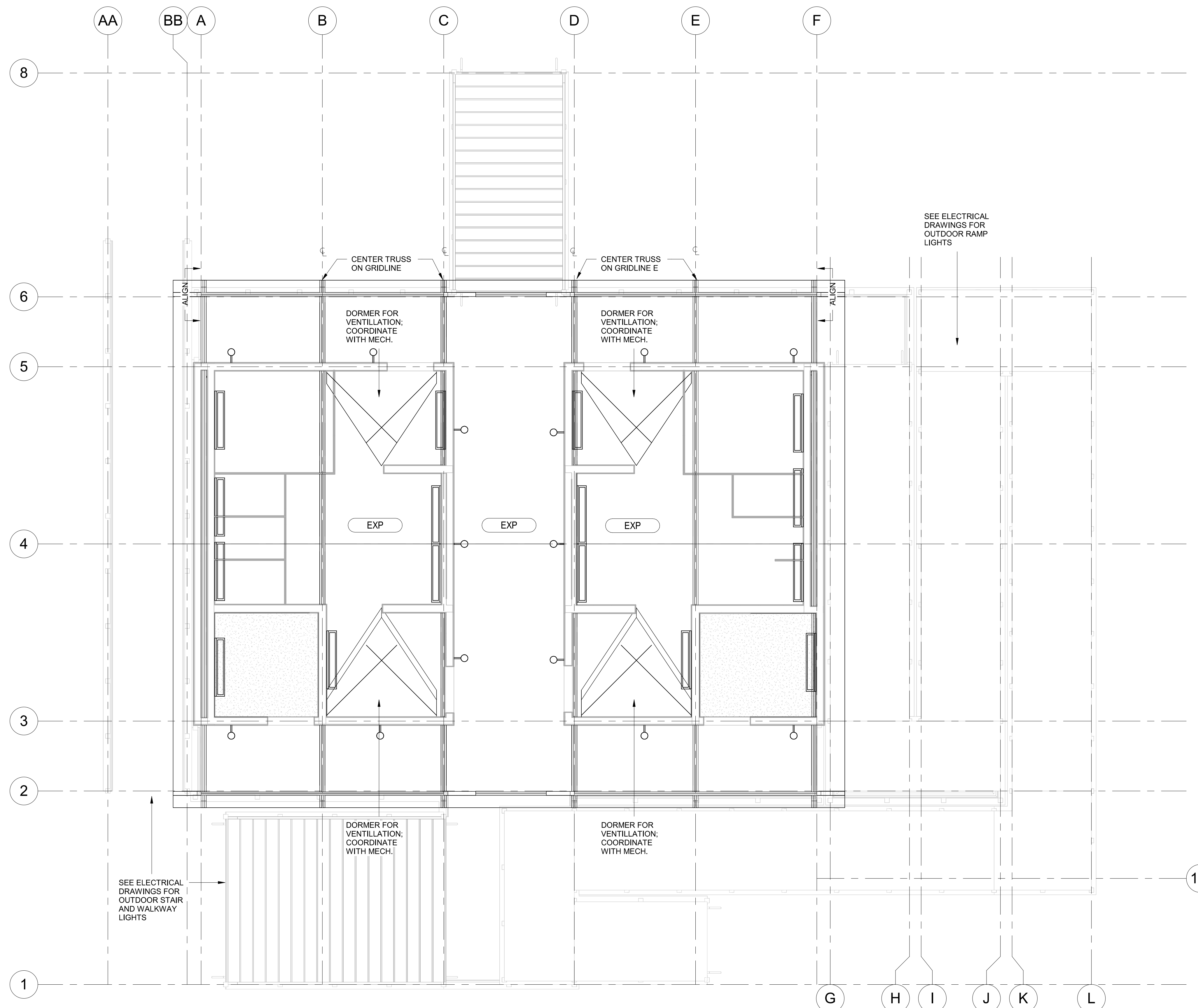
PROJECT NO.	50182809
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A-151

SHEET NO. of

MECHANICAL SUPPLY, RETURN
AND EXHAUST DIFFUSERS.
SEE MECHANICAL DWGS

1. CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO INSTALLING ANY CEILING MOUNTED DEVICE.
2. PROVIDE REINFORCING ABOVE CEILING WHERE REQUIRED TO SUPPORT CEILING COMPONENTS. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS PRIOR TO INSTALLING ANY DEVICE ON THE CEILING OR WALLS.
3. ALL TRUSSES TO CENTER ON STUD WALLS BELOW U.N.O.
4. DROP CEILINGS MOUNTED 10'-0" AFF, UNO
5. SEE ELECTRICAL DRAWINGS FOR LIGHTING PLAN

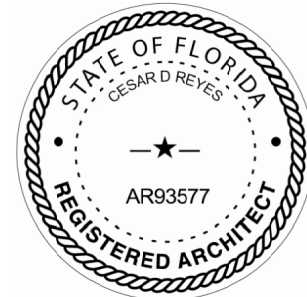


1 OVERALL REFLECTED CEILING PLAN

4' 2' 0' 4'

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

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

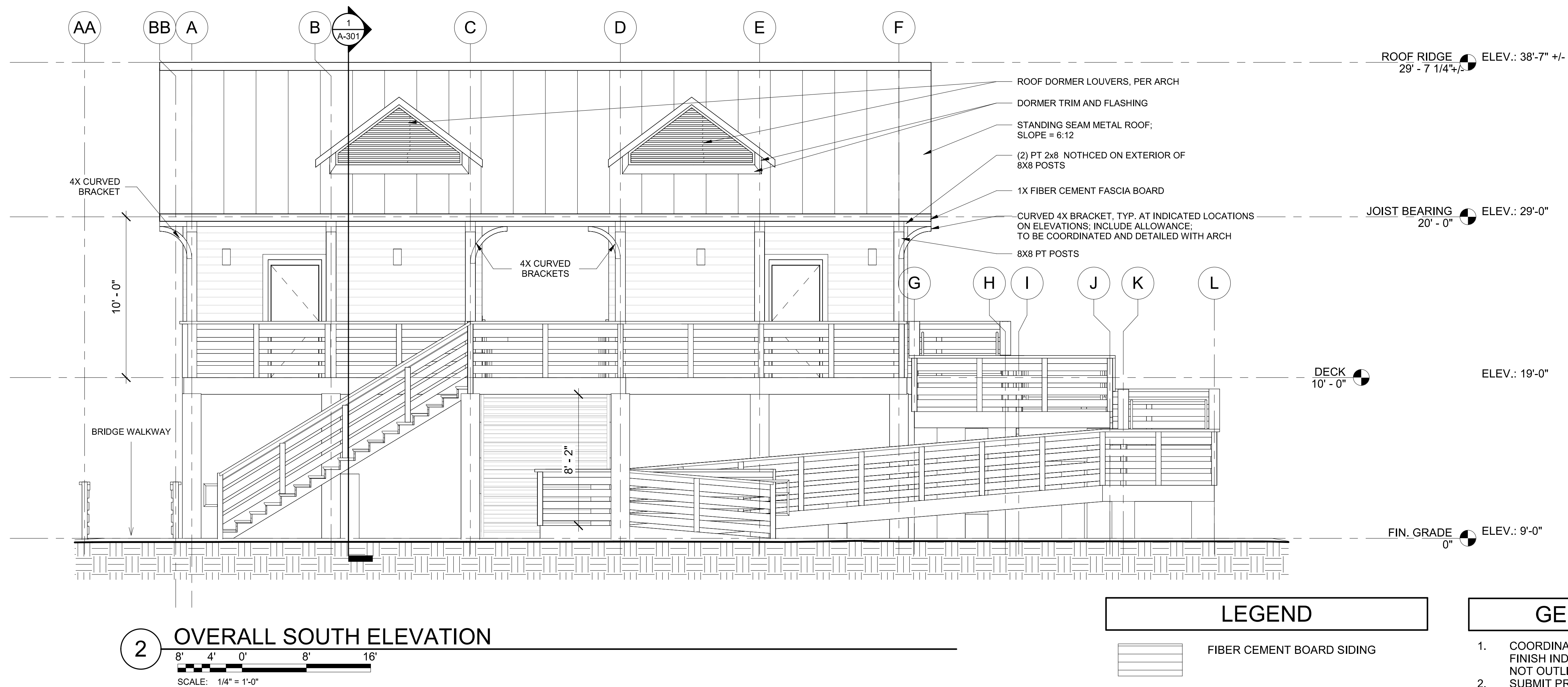
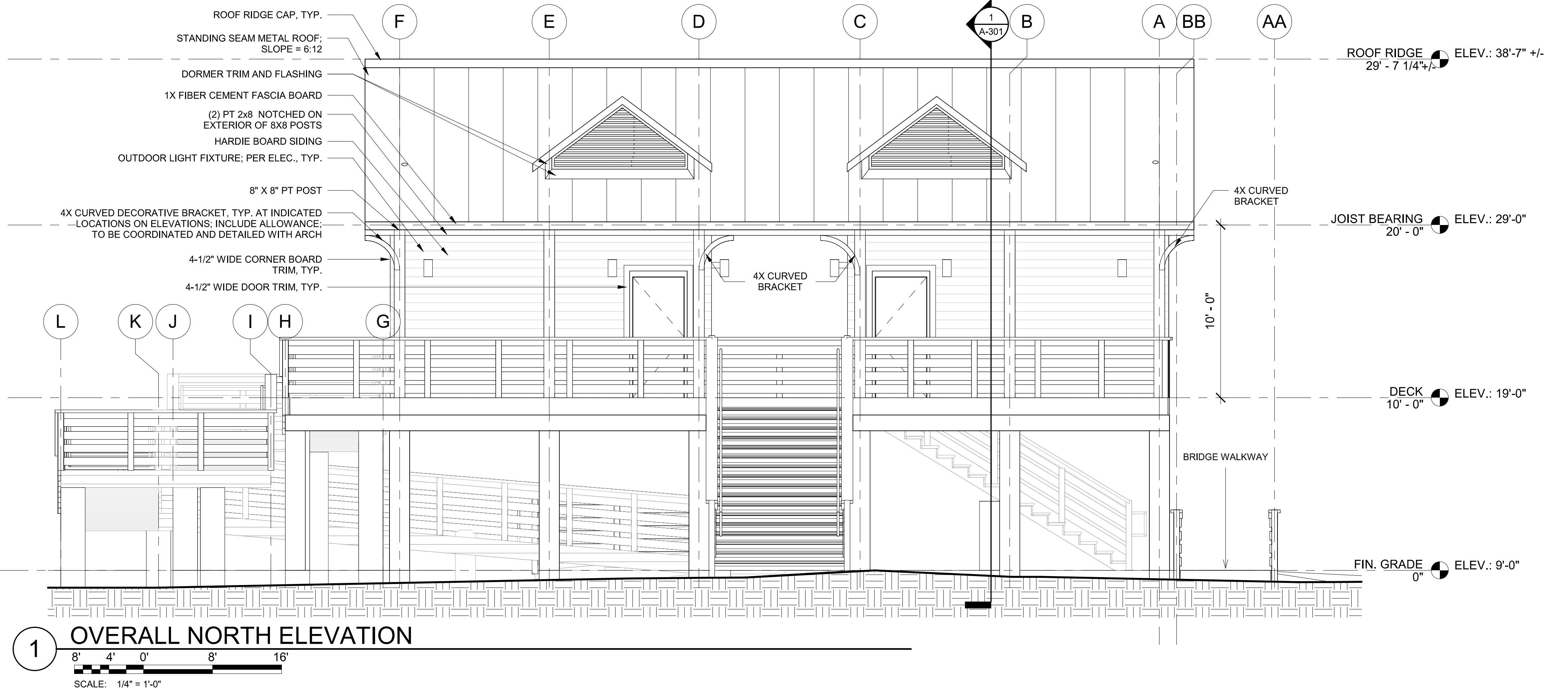
DRAWN BY	RR, JC
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CHECKED BY	RR, CR
DATE	AUGUST 2025
TITLE	

BUILDING ELEVATIONS

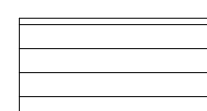
PROJECT NO. 50182809

A-201

SHEET NO. of



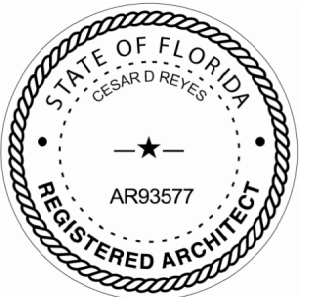
LEGEND

 FIBER CEMENT BOARD SIDING

GENERAL NOTES

- COORDINATE WITH ROOM FINISH SCHEDULE AND FINISH INDEX FOR FINISHES OF ALL SURFACES NOT OUTLINED ON THESE DRAWINGS.
- SUBMIT PRODUCT LITERATURE, CERTIFICATIONS, TEST REPORTS & FULL MATERIAL SAMPLES OF EACH COLOR SPECIFIED.
- REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- ALL BASE, TOP, SIDE, CORNER AND DOOR TRIM BOARDS TO BE 3/4" THK. AND 4-1/2" WIDE, U.N.O. ELEVATIONS SHOWN FROM FINISH GRADE IN ADDITION TO FROM SEA LEVEL

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

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DATE	AUGUST 2025

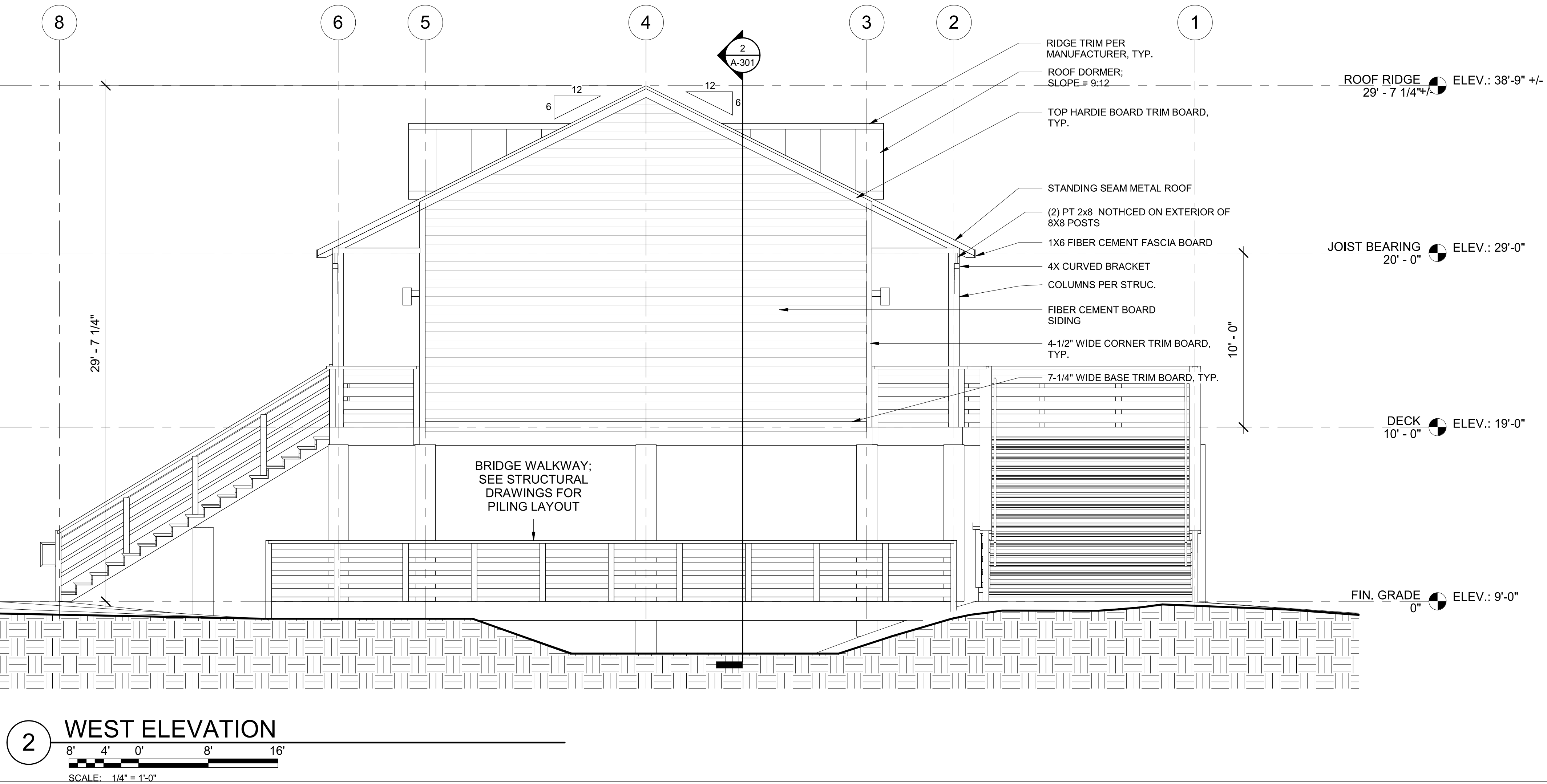
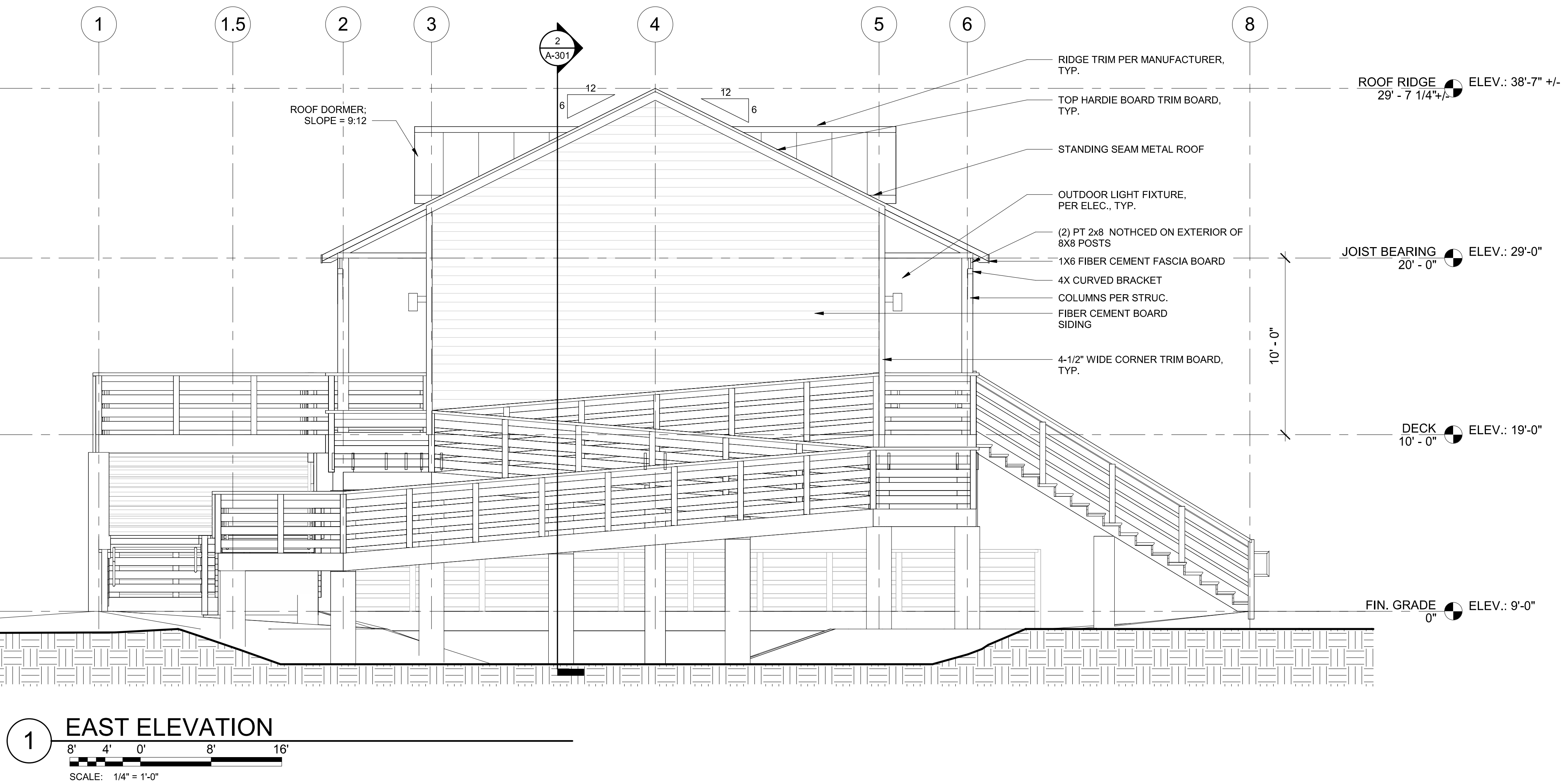
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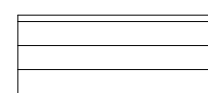
**BUILDING
ELEVATIONS**

PROJECT NO. 50182809

A-202

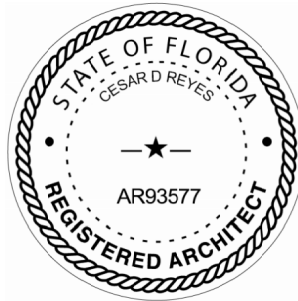
SHEET NO. of



LEGEND	
	FIBER CEMENT BOARD SIDING

- | GENERAL NOTES | |
|---------------|--|
| 1. | COORDINATE WITH ROOM FINISH SCHEDULE AND FINISH INDEX FOR FINISHES OF ALL SURFACES NOT OUTLINED ON THESE DRAWINGS. |
| 2. | SUBMIT PRODUCT LITERATURE, CERTIFICATIONS, TEST REPORTS & FULL MATERIAL SAMPLES OF EACH COLOR SPECIFIED. |
| 3. | REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION. |
| 4. | ALL BASE, TOP, SIDE, CORNER AND DOOR TRIM BOARDS TO BE 3/4" THK. AND 4-1/2" WIDE, U.N.O. |
| 5. | ELEVATIONS SHOWN FROM FINISH GRADE IN ADDITION TO FROM SEA LEVEL |

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

NO.	DESCRIPTION	DATE
2	FWC Comments	01/30/2026

NO.	DESCRIPTION	DATE

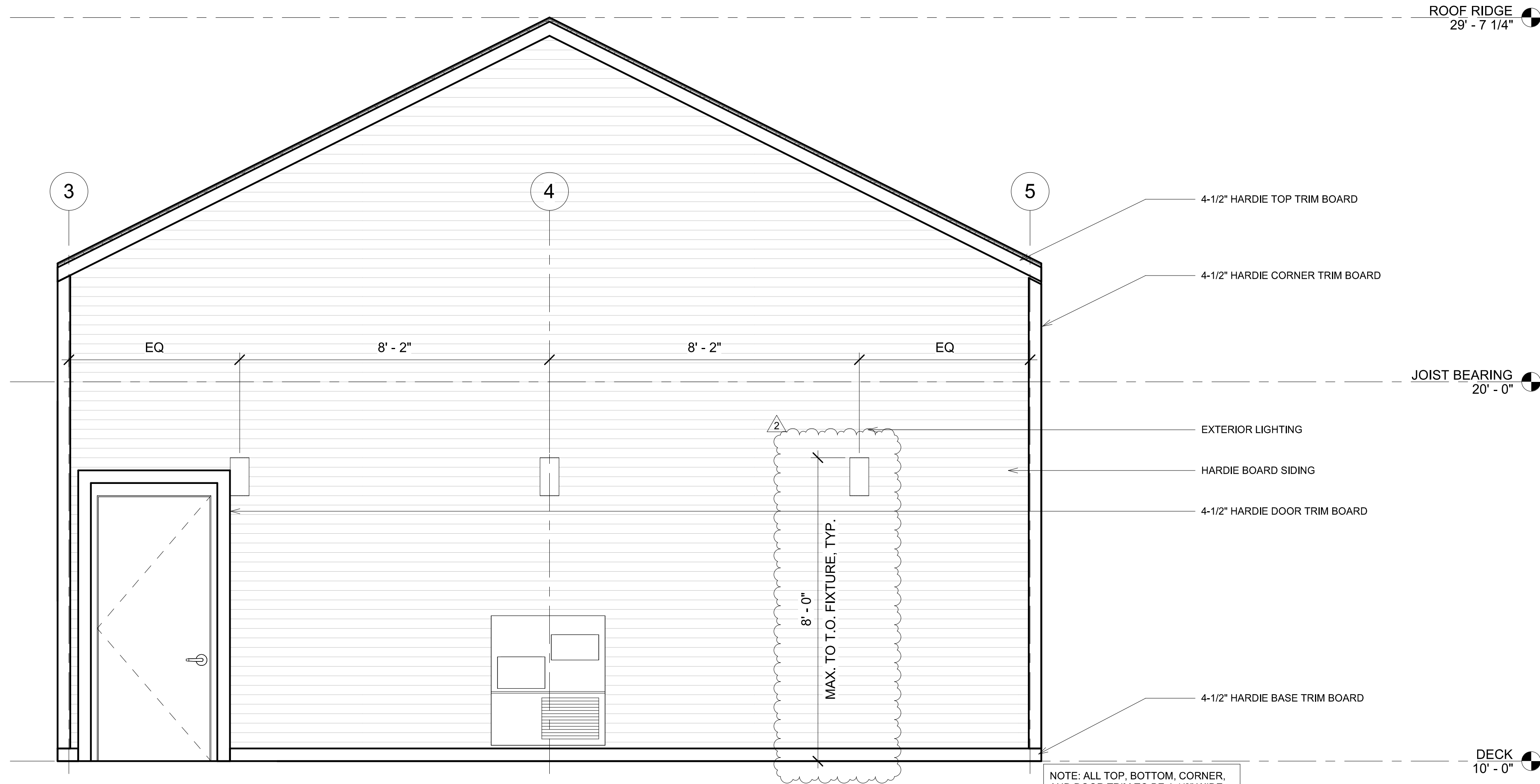
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DATE AUGUST 2025
TITLE

**BUILDING
ELEVATIONS**

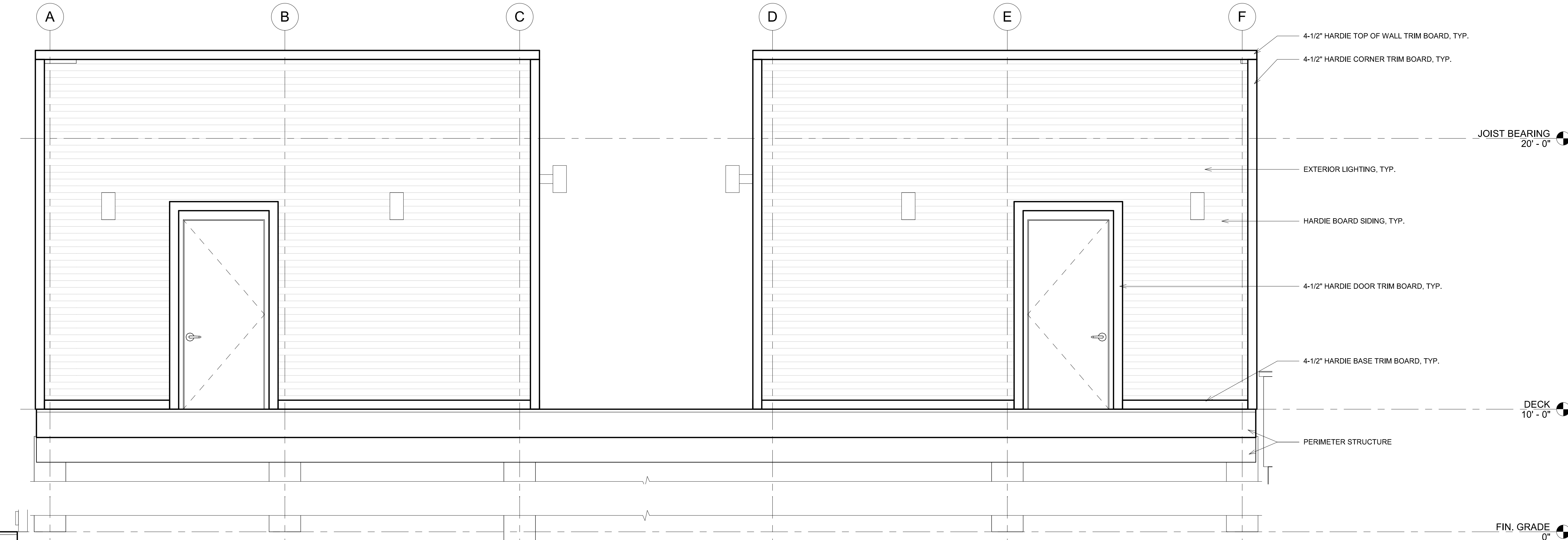
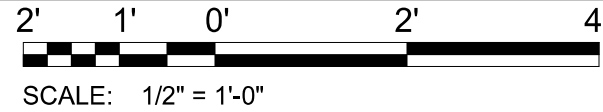
PROJECT NO. 50182809

A-203

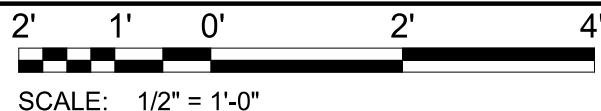
SHEET NO. of



1 PASSAGEWAY ELEVATION



2 NORTH AND SOUTH BUILDING ELEVATION



SHEET NO. _____ of _____

BUILDING SECTION

1

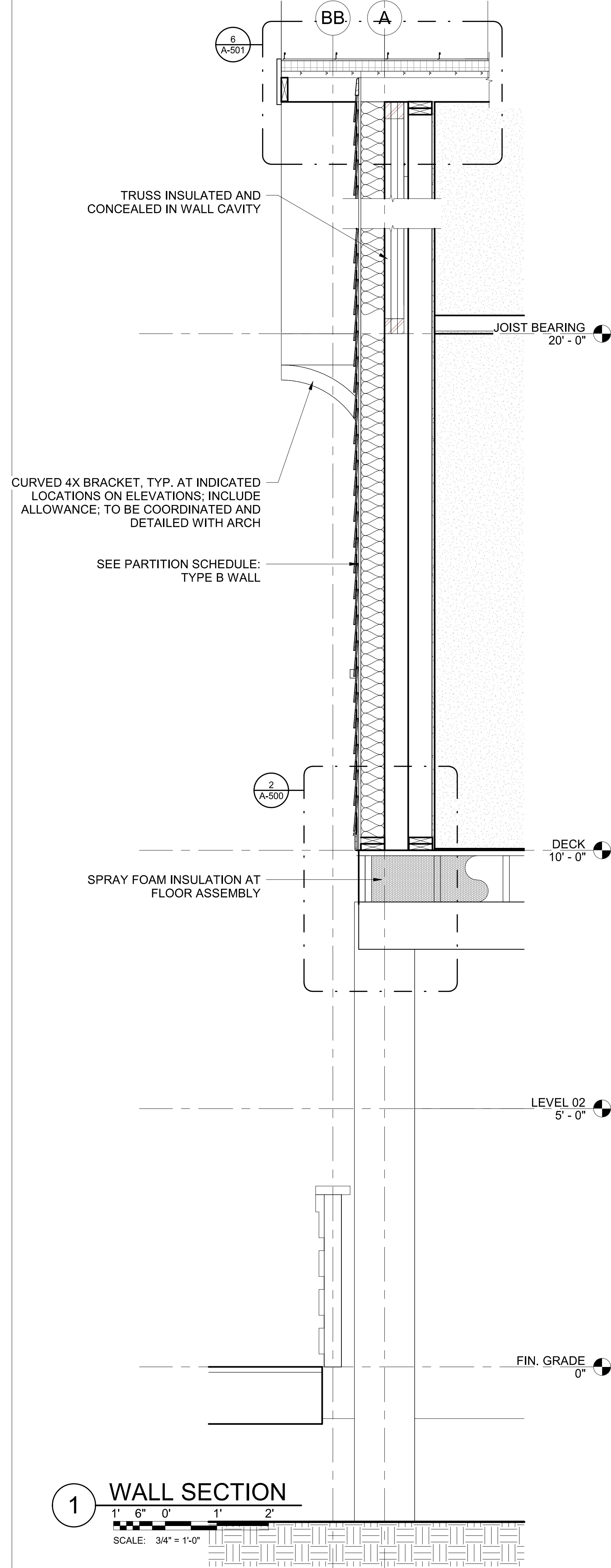
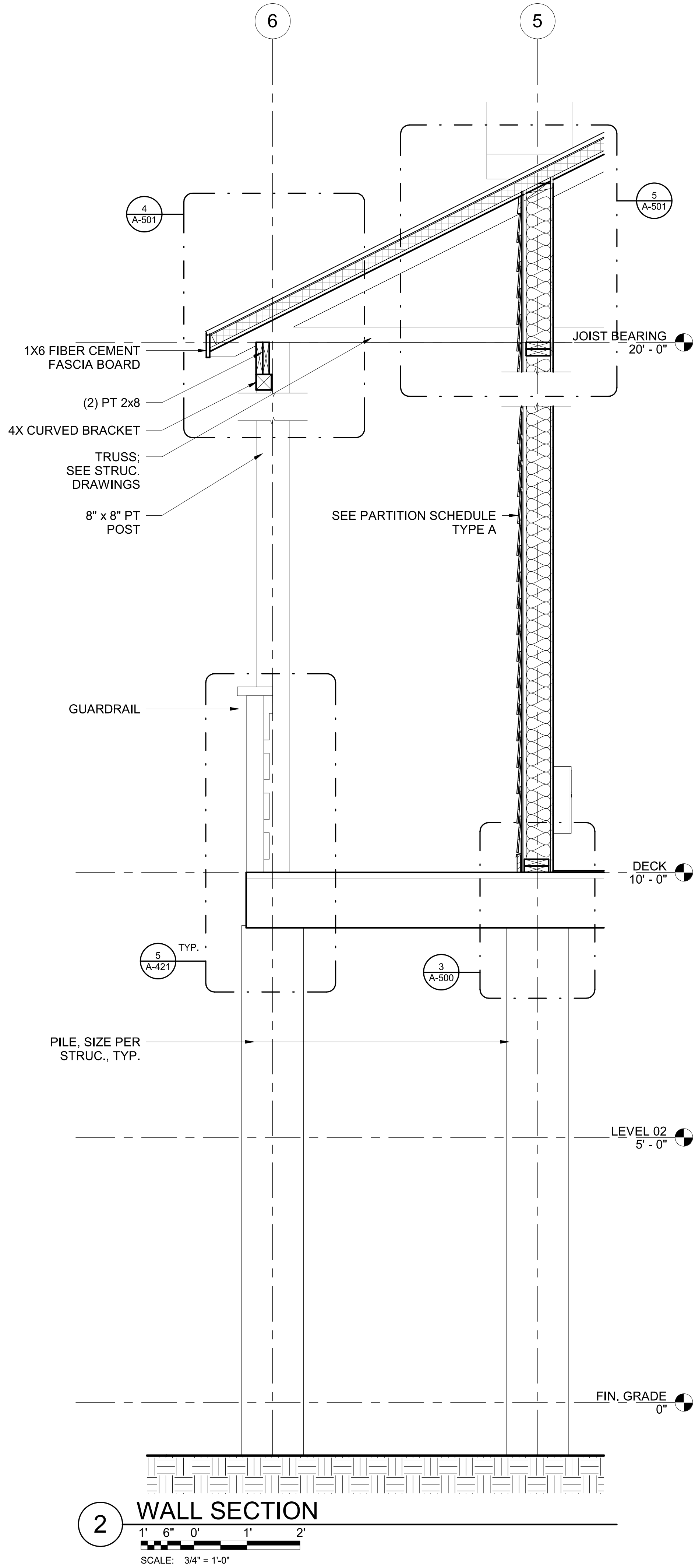
4' 2' 0' 4' 8'

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

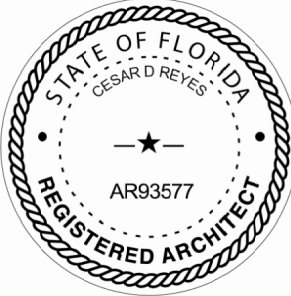
2 BUILDING SECTION

4' 2' 0' 4' 8'

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



SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

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DATE AUGUST 2025

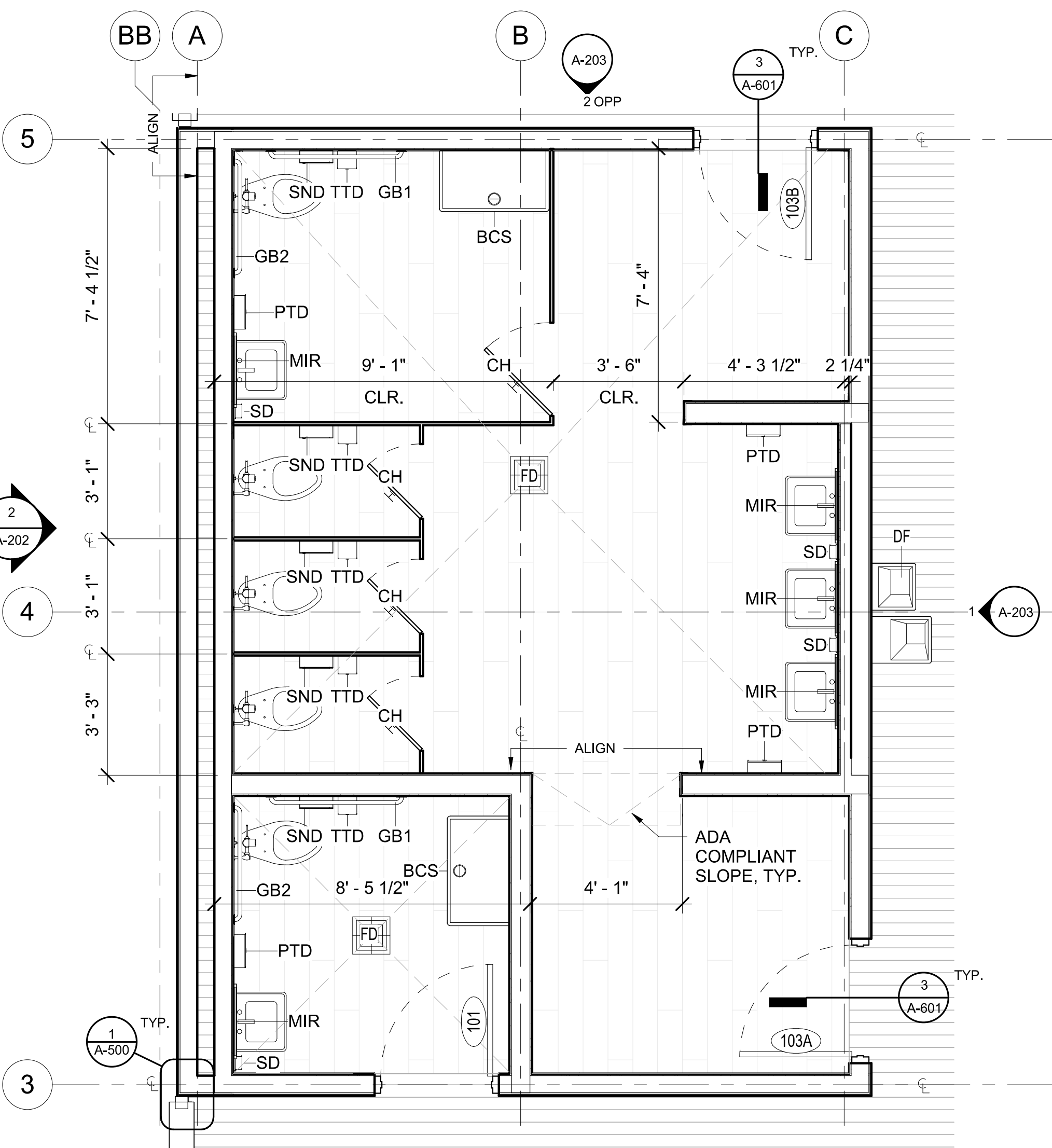
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WALL SECTIONS

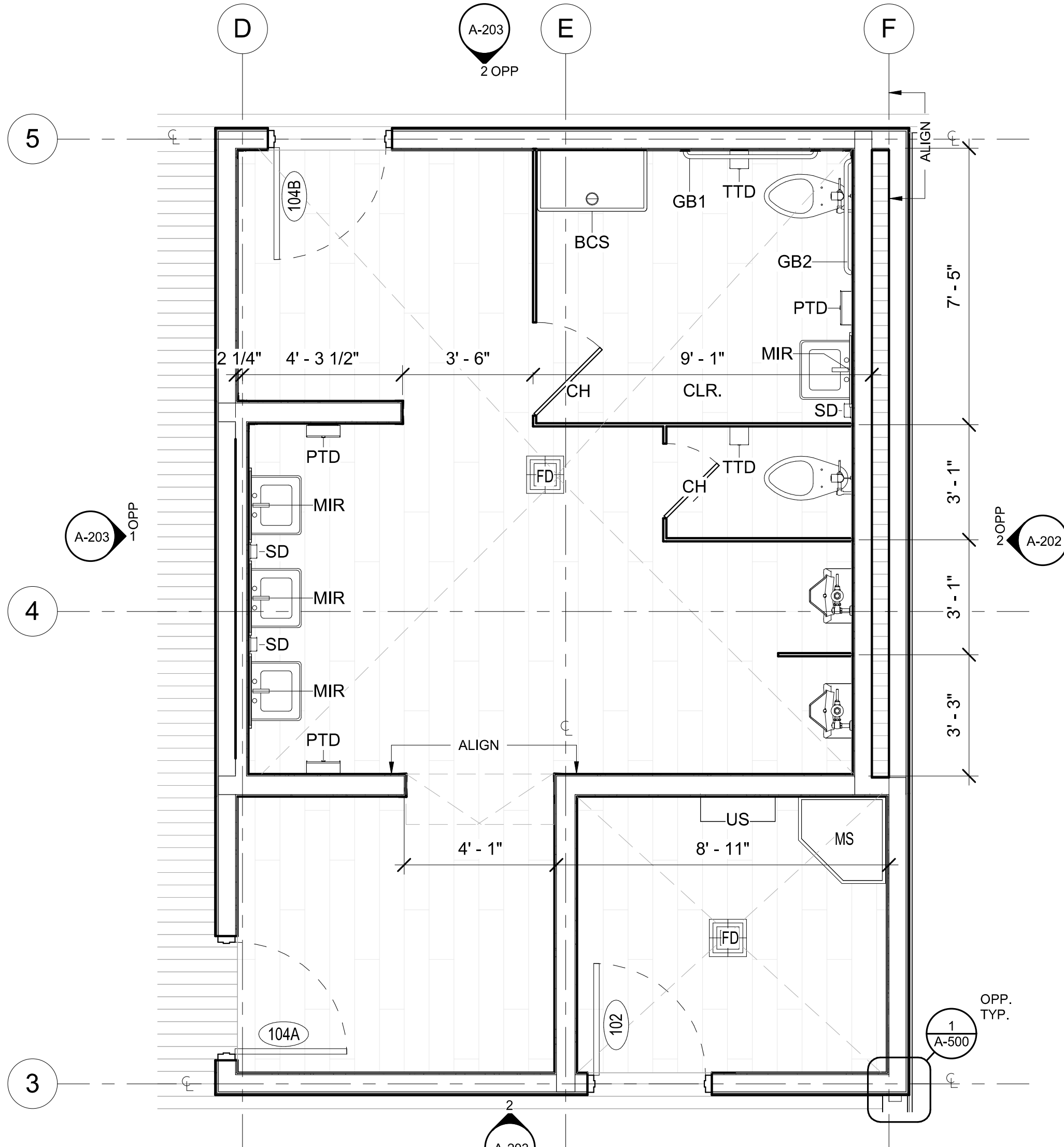
PROJECT NO. 50182809

A-311

SHEET NO. of



2 ENLARGED FLOOR PLAN - WOMEN'S RESTROOM



1 ENLARGED FLOOR PLAN - MEN'S RESTROOM

LEGEND	
FD	FLOOR DRAIN; SEE PLUMBING
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
DF	DRINKING FOUNTAIN
MS	MOP SINK
	SLOPE TO FLOOR DRAIN AT 1/4":1' MIN.

- GENERAL NOTES
- SEE FINISH SCHEDULE FOR ALL INTERIOR FINISHES.
 - COORDINATE WITH ROOM FINISH SCHEDULE AND FINISH INDEX FOR FINISHES OF ALL SURFACES NOT OUTLINED ON THESE DRAWINGS.
 - MANUFACTURER & MODEL NUMBERS ARE A BASIS OF DESIGN ONLY. NOT INTENDED TO LIMIT THE CONTRACTOR IN PRODUCT SELECTION.
 - PROVIDE REINFORCING IN STUD WALL CAVITIES WHERE REQUIRED TO SUPPORT WALL MOUNTED COMPONENTS, INCLUDING, BUT NOT LIMITED TO, UPPER CABINET AND COUNTER SUPPORT BRACKETS. COORDINATE WITH A/V, DATA AND ELECTRICAL DRAWINGS. OWNER/VENDOR PROVIDED ACCESSORIES SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
 - REFER TO ACCESSORIES SCHEDULE FOR ADDITIONAL INFORMATION AND MOUNTING HEIGHTS.
 - APPLY SEALANT AROUND ALL FIXTURES & ACCESSORIES THAT ARE AGAINST THE WALL.
 - PLUMBING TO COORDINATE WITH STRUCTURAL; ENSURE FLOOR DRAINS ARE NOT IN CONFLICT WITH DECK FRAMING AND STRUCTURE BELOW.
 - ALL DIMENSIONS ON THE FLOOR PLANS ARE FROM COLUMN CENTER LINES, FACE OF CMU AND CONCRETE WALLS, OR FACE OF WOOD AND/OR METAL STUDS. UNO EXTERIOR WALL FRAMING IS DIMENSIONED TO THE FACE OF STUD, AND DO NOT INCLUDE FINISH WALL MATERIAL THICKNESS.
 - ALL HINGE-SIDE DOOR OPENINGS TO BE INSTALLED 4" OFFSET FROM ADJACENT WALL, TYP.



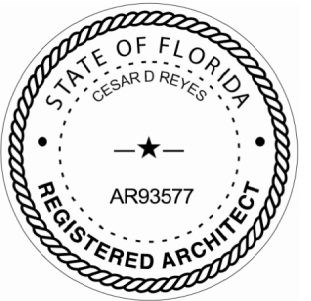
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NAVARE BEACH
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SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

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TITLE

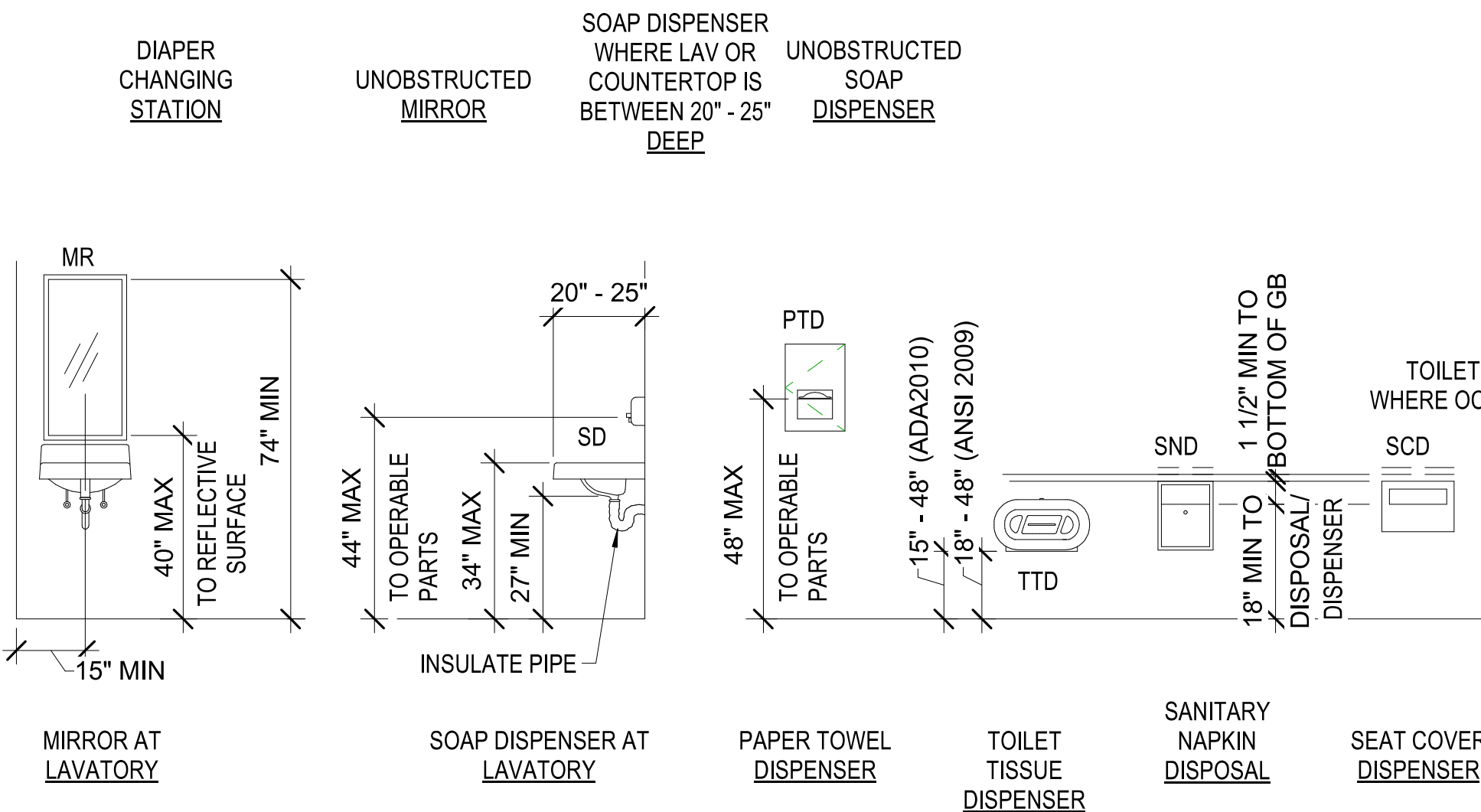
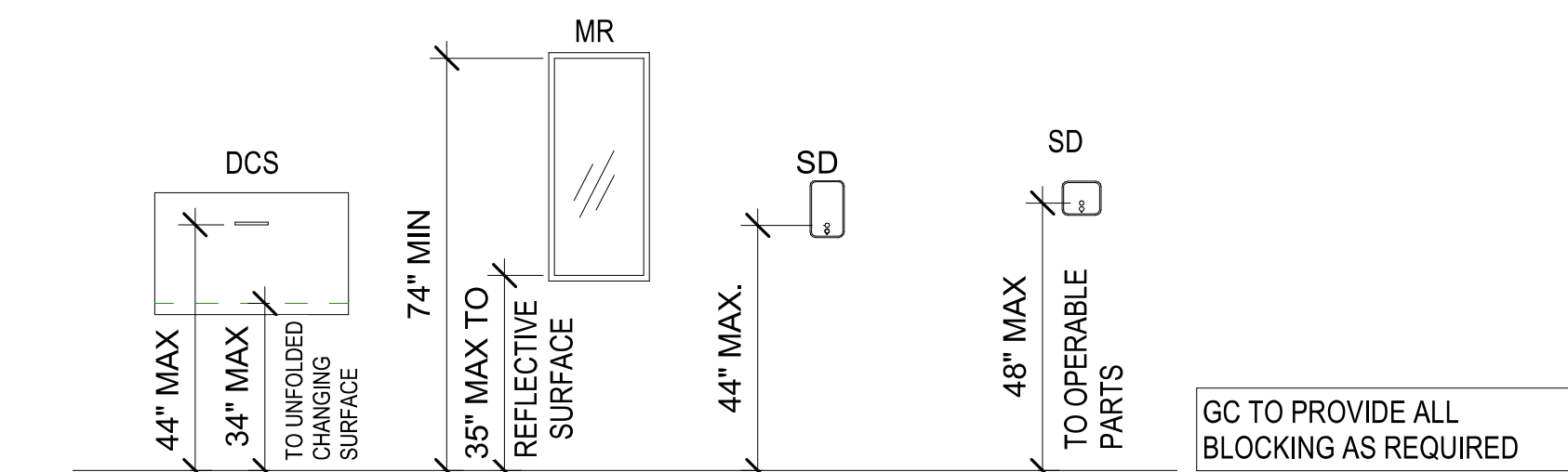
ENLARGED FLOOR PLANS

PROJECT NO. 50182809

A-401

SHEET NO. of

ACCESSORY SCHEDULE				
MARK	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
BCS	BABY CHANGING STATION	BOBRICK	KB310-SSWM	SATIN FINISH
CH	COAT HOOK	BOBRICK	B-6717	
GB1	42" GRAB BAR	BOBRICK	B-6806 x 42	
GB2	36" GRAB BAR	BOBRICK	B-6806 x 36	
MIR	24" X 48" FRAMED MIRROR	BOBRICK	B-290 2448	
PTD	SURFACE MOUNTED PAPER TOWEL DISPENSER	BOBRICK	B-262	
SD	SOAP DISPENSER	BETCO CLARIO	91821	
SND	SANITARY NAPKIN DISPOSAL	BOBRICK	B-254	
TTD	TOILET TISSUE DISPENSER	BAYWEST	BW 80300	
US	8" x 24" SHELF	BRADLEY	758-24	



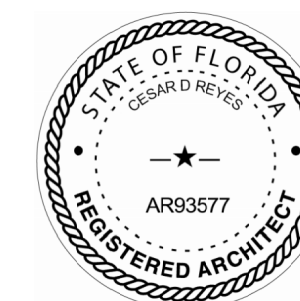
TYPICAL ADA PLUMBING FIXTURES AND ACCESSORIES MOUNTING HEIGHTS

(USE THIS DRAWING AS A GUIDELINE ONLY, SEE PLAN FOR LAYOUT)

NAVARRE BEACH
PARKING LOT AND RESTROOM

SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

[illegible]

NO.	DESCRIPTION	DATE
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APPROVED BY CB BB JC

CHECKED BY RR, CR

DATE AUGUST 2025

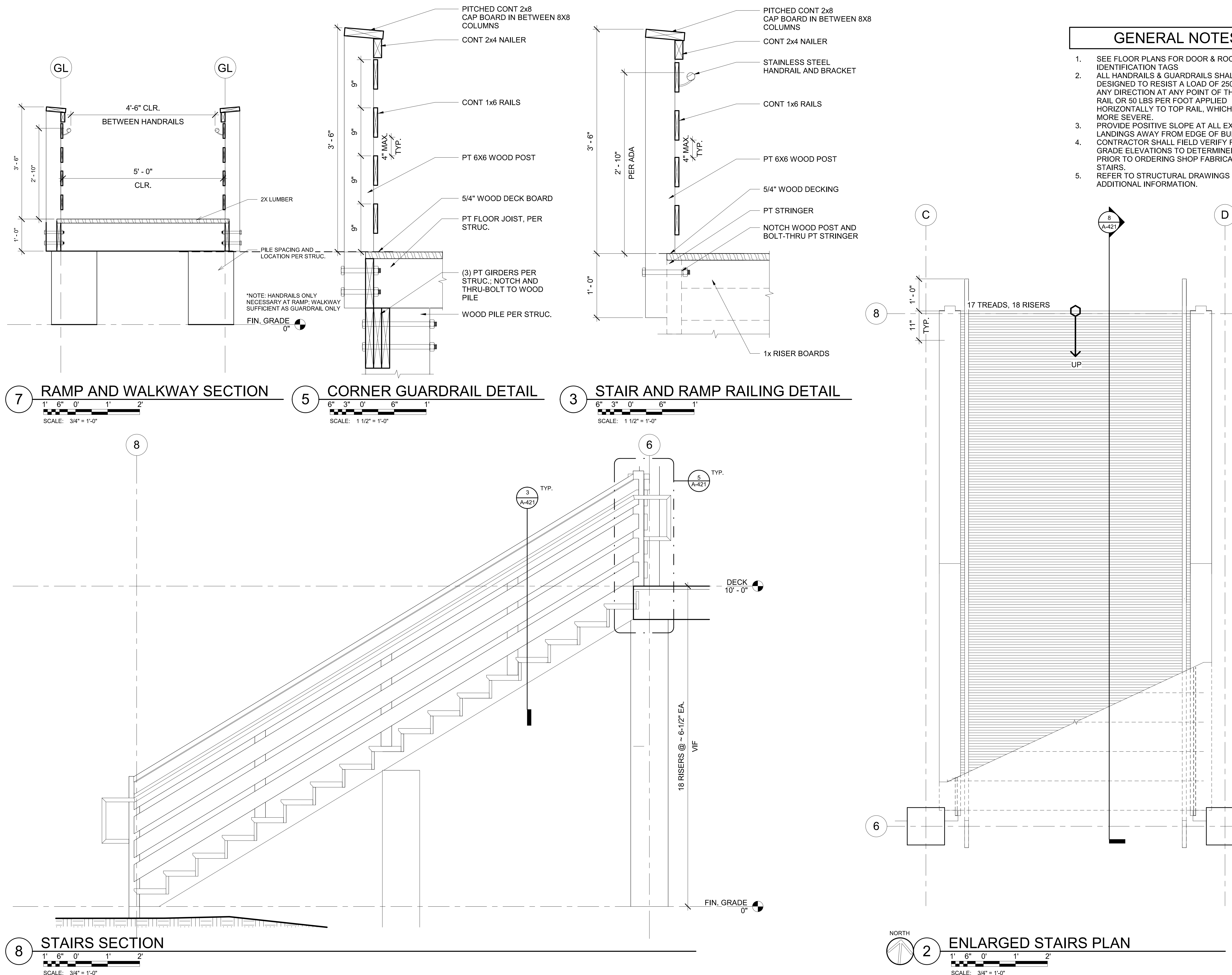
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TYPICAL STAIR SECTION

PROJECT NO.	5018280
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A-421

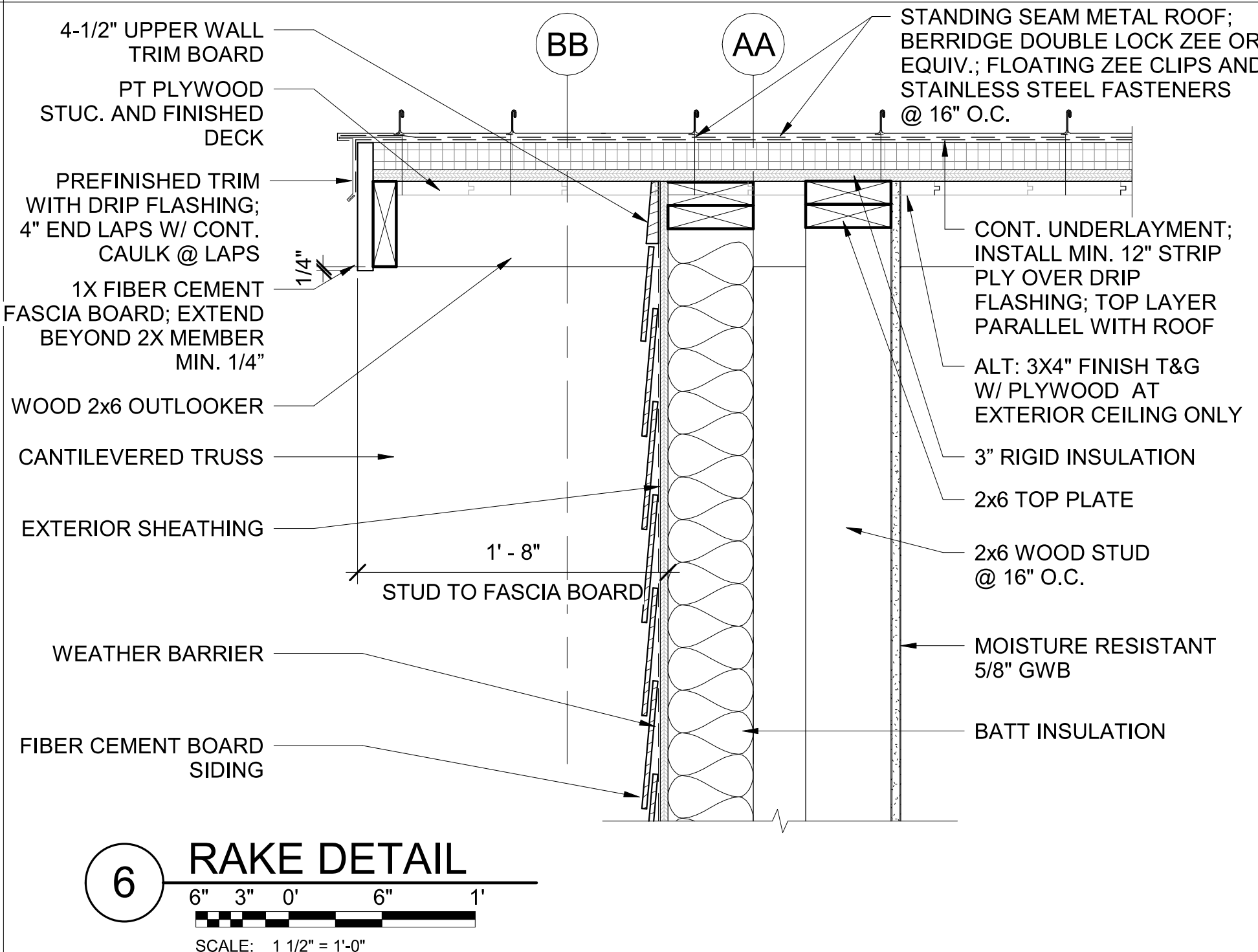
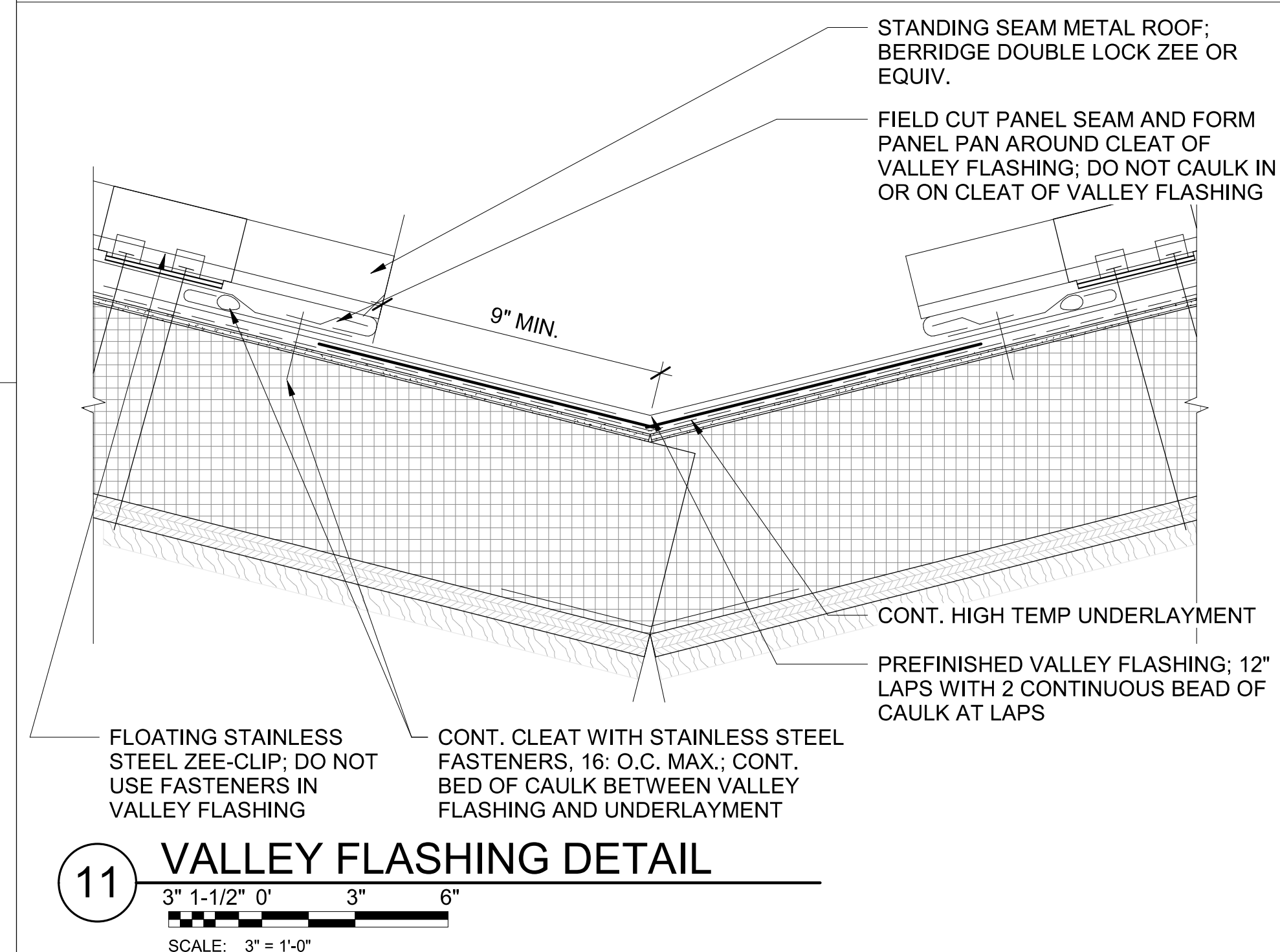
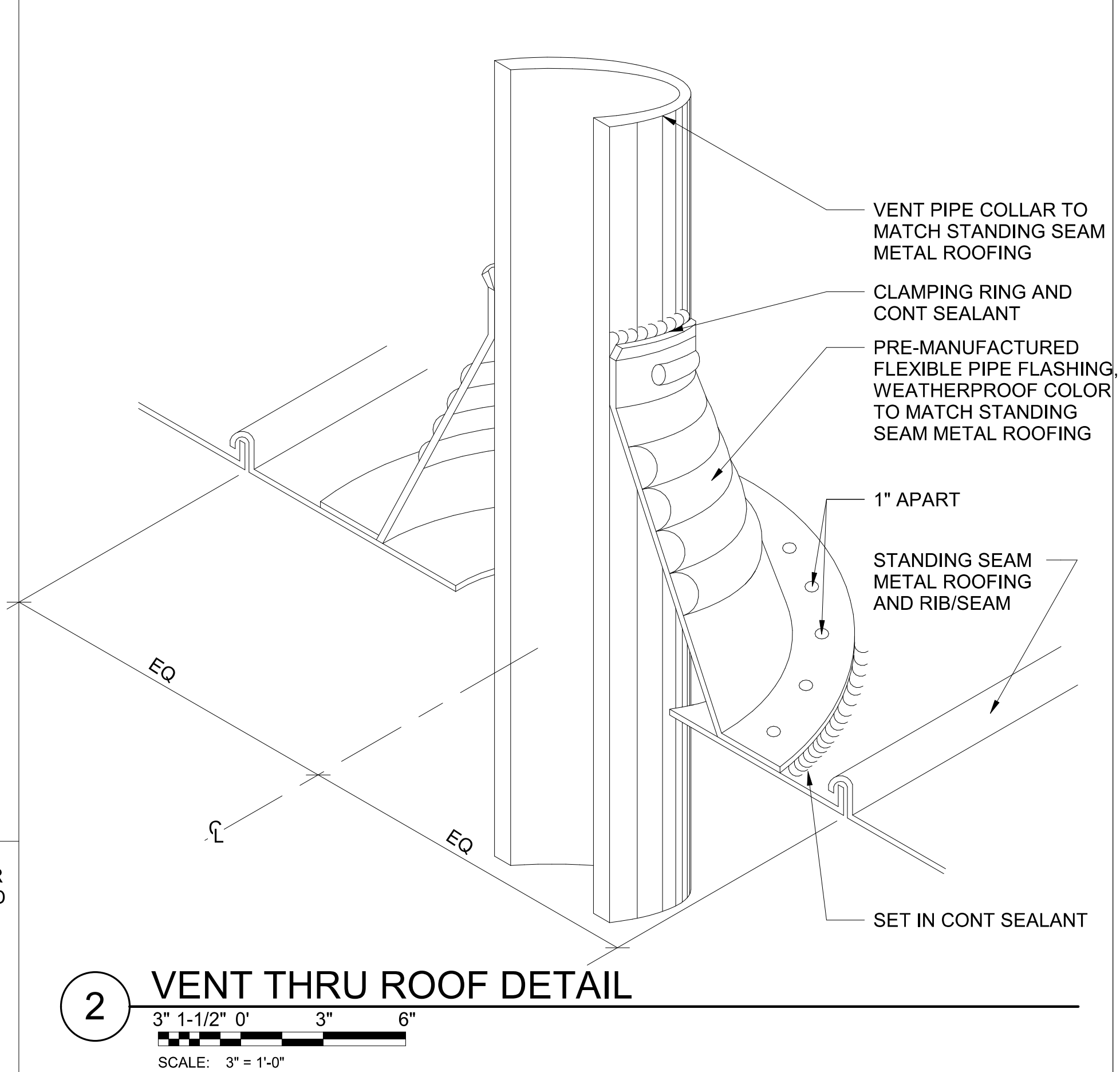
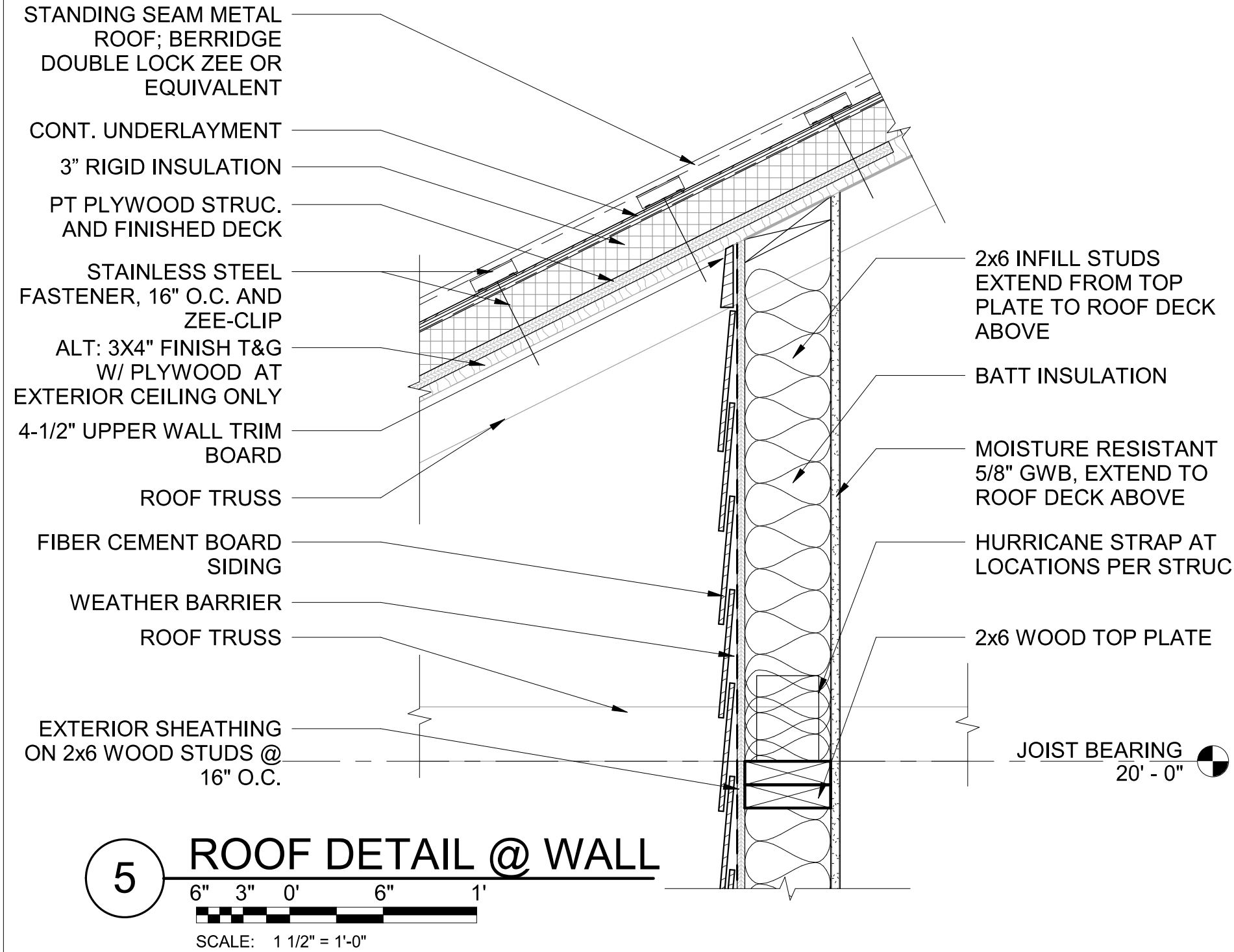
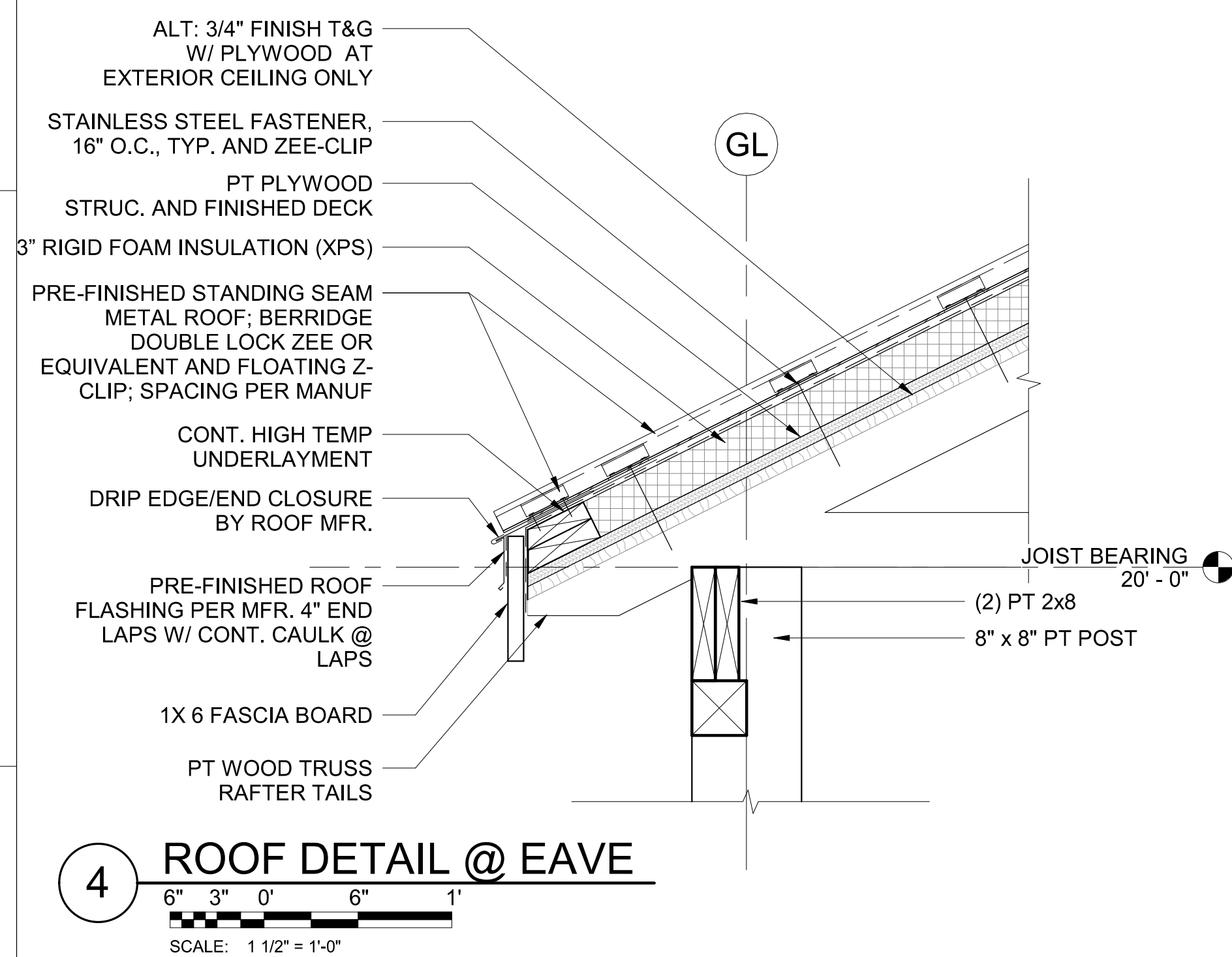
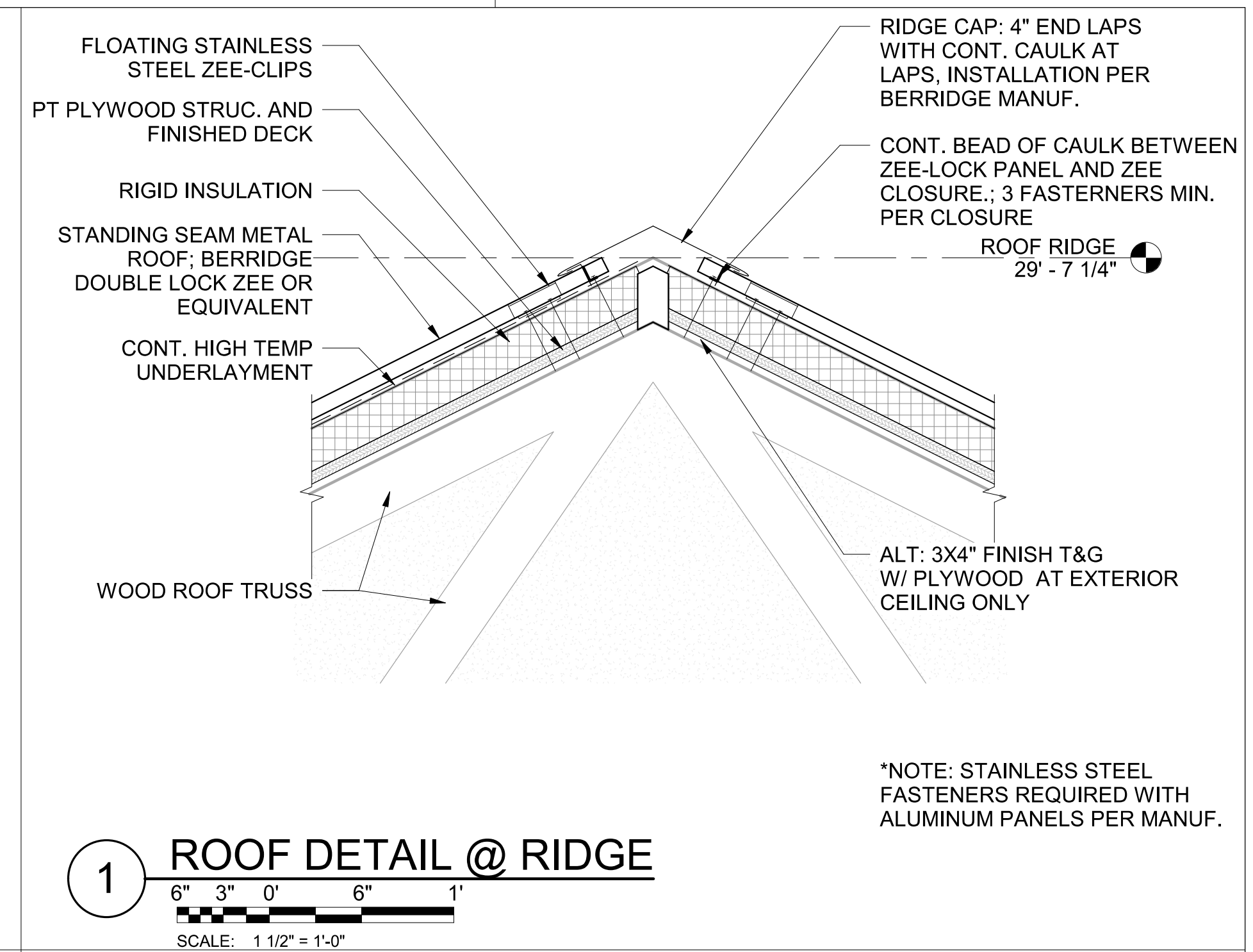
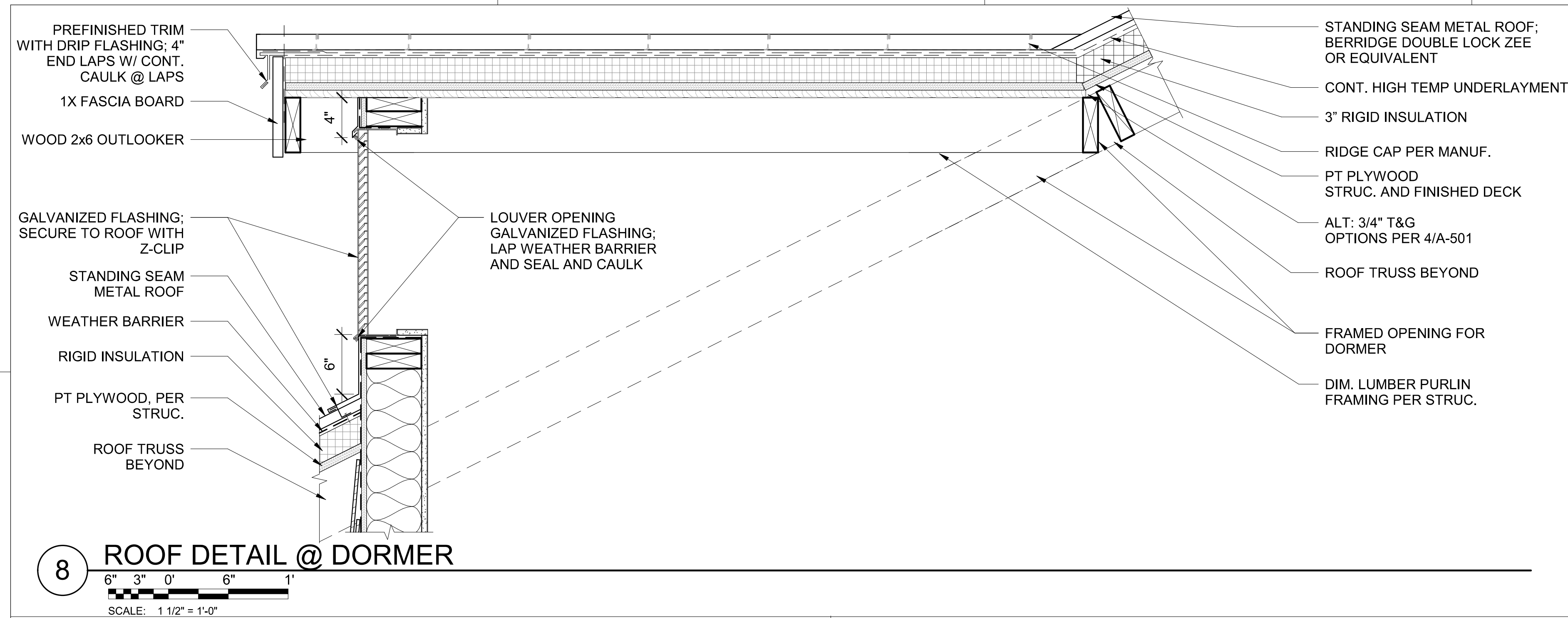
SHEET NO. 9



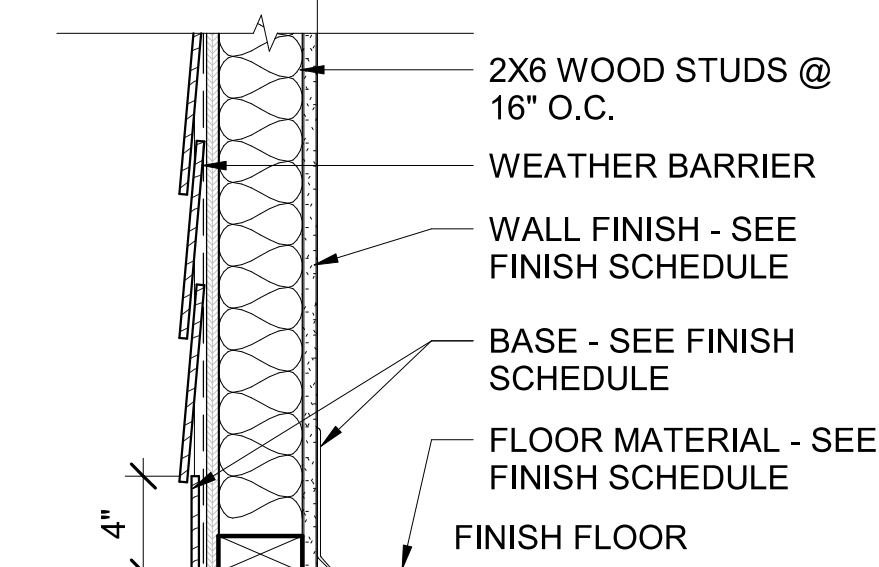
SHEET NO. 01

6" 3" 0' 6" 1'

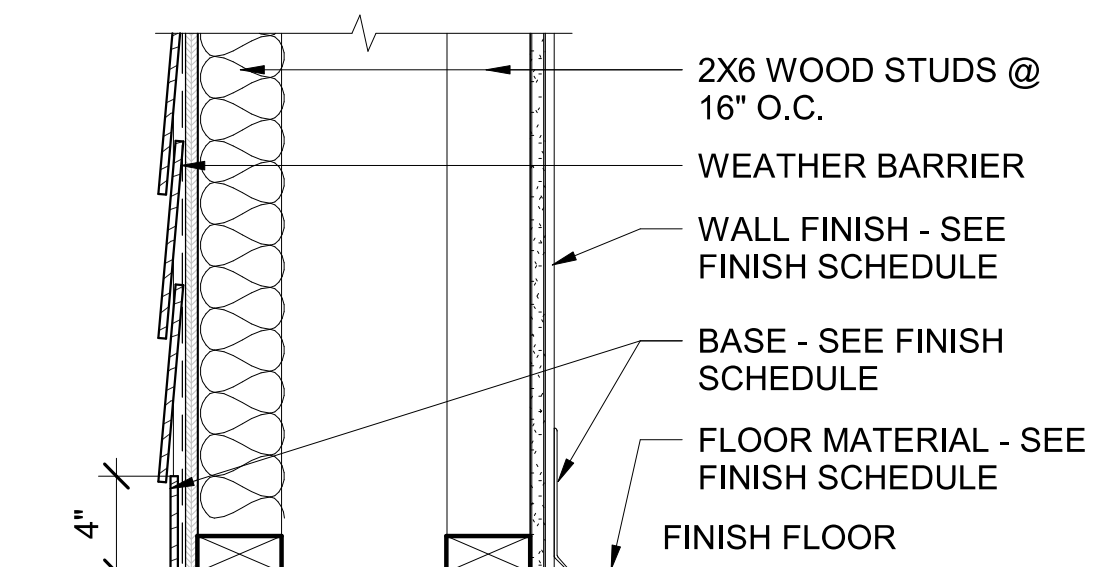
SCALE: 1 1/2" = 1'-0"



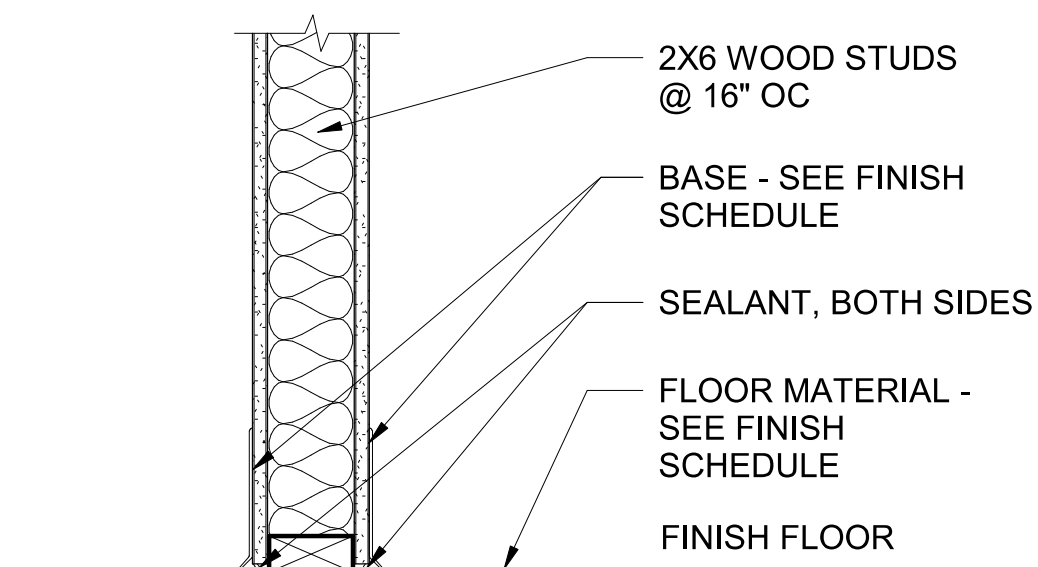
1. SPACING, AND WIDTHS FOR WOOD STUDS INDICATED ON DRAWINGS ARE MINIMUMS. CONTRACTOR IS REQUIRED TO PROVIDE STUDS THAT MEET MFR HEIGHT REQUIREMENTS AND MINIMUM DEFLECTION REQUIREMENTS FOR SPANS AND BE DESIGNED TO PREVENT CRACKING IN GYP BD FINISH
2. REFER TO GYPSUM ASSOCIATION GA-214-10 FOR LEVELS OF GYPSUM BOARD FINISH
3. PROVIDE CEMENTITIOUS TILE BACKER BOARD BEHIND TILE AND MOISTURE RESISTANT GYPSUM WALL BOARD ABOVE TILE WHERE OCCURS
4. SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF HURRICANE STRAPPING



TYPE A - 2X6 WOOD STUD WALL WITH PLYWOOD AND GWB,
TILE APPLIED WHERE OCCURS



TYPE B - 2X6 WOOD STUD WALLS WITH PLYWOOD AND GWB,
TILE APPLIED WHERE OCCURS



TYPICAL PARTITION



TYPE D - 2X4 WOOD STUD WALL WITH PLYWOOD AND GWB,
TILE APPLIED WHERE OCCURS

FINISH SCHEDULE									
ROOM NO	ROOM NAME	FLOOR	BASE	WALL FINISH				CEILING	NOTES & REMARKS (SEE NOTES)
				NORTH	EAST	SOUTH	WEST		
DECK									
201	UNISEX	PT-1	SCH	PT-2/P-1	PT-2/P-1	PT-2/P-1	PT-2/P-1	GYP	
202	JANITORIAL	PT-1	SCH	FRP/P-1	FRP/P-1	FRP/P-1	FRP/P-1	GYP	
203	WOMENS	PT-1	SCH	PT-2/P-1	PT-2/PT-3/ P-1	PT-2/P-1	PT-2/P-1	OTS	ACCENT WALL AT SINKS
204	MENS	PT-1	SCH	PT-2/P-1	PT-2/P-1	PT-2/P-1	PT-2/PT-3/ P-1	OTS	ACCENT WALL AT SINKS

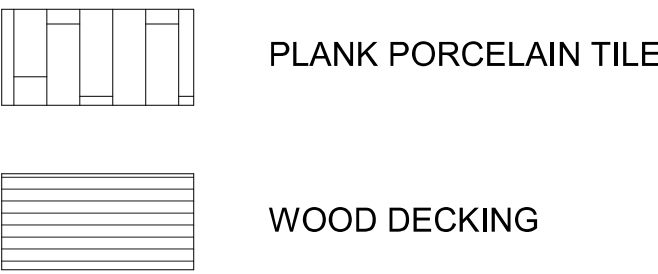
REMARKS

1. INSTALL FULL HEIGHT PORCELAIN TILE
2. SEE FINISH PLAN FOR FLOOR PATTERN.
3. SEE REFLECTED CEILING PLAN FOR CEILING HEIGHT INFORMATION.

GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION
2. REFER TO FINISH SCHEDULE AND FINISH INDEX FOR ALL TRANSITION STRIPS BETWEEN FLOOR FINISHES. SCHLUTER TYPE TRANSITION STRIP NEED TO BE INSTALLED BETWEEN DISSIMILAR FLOOR FINISHES. COLOR AND MANUFACTURERS LISTED ARE BASIS OF DESIGN ONLY AND IS NOT INTENDED TO LIMIT THE USE OF ALTERNATE MANUFACTURERS.
4. CONTRACTOR SHALL SUBMIT SAMPLES/SWATCHES FOR APPROVAL OF ALL MATERIALS OUTLINED ON COLOR LEGEND FOR VERIFICATION.
5. ALL INTERIOR INSIDE CORNERS AND WALL-FLOOR TRANSITIONS TO RECEIVE A SCHLUTER STRIP PER FINISH INDEX TO ACT AS A MOVEMENT JOINT

LEGEND



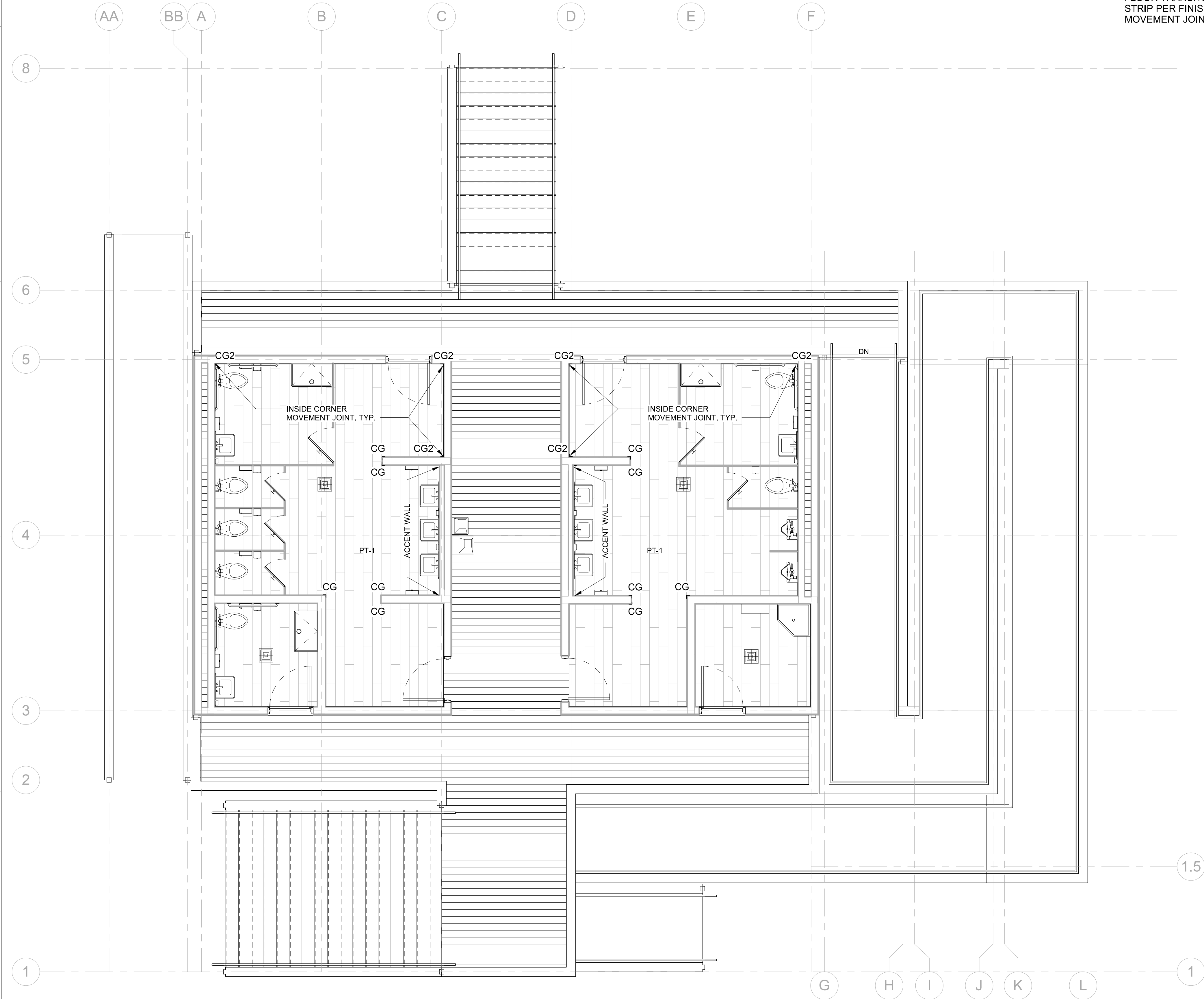
FINISH INDEX

- EXTERIOR MATERIALS**
- STANDING SEAM METAL ROOF: COLOR TBD
- SIDING: HARDIE BOARD FIBER CEMENT: COLOR TBD
- EXTERIOR BASE: HARDIE FIBER CEMENT: COLOR TBD
- FLASHING: GALVANIZED STEEL PAINTED: COLOR TBD
- CEILING: OPEN TO STRUCTURE: PAINTED PLYWOOD
- RAILING: SOUTHERN YELLOW PINE - LOCAL SUPPLIER
HANDRAIL: ALUMINUM OR MATCH EXISTING
WIRE MESH: POWDER COAT BLACK
- DECKING: 5/4" SOUTHERN YELLOW PINE DECKING
- RAMP AND WALKWAY: 2X DIMENSIONAL LUMBER

- INTERIOR MATERIALS**
- PAIN:**
- P-1 WALL COLOR: SHERWIN WILLIAMS SW COLOR TBD
- P-2: CEILING COLOR: SHERWIN WILLIAMS SW 7007 "CEILING BRIGHT WHITE"
- P-3 DOOR FRAMES: SHERWIN WILLIAMS SW COLOR TBD
- PORCELAIN TILE:**
- PT-1 MAIN FLOOR FINISH: CROSSVILLE RURAL RETREAT
COLOR: SUNRISE
PATTERN: 8X48 PLANK; 1/3 OFFSET STAGGER
GROUT: TBD
- PT-2 MAIN WALL FINISH: COASTAL TILE, SPRINT
COLOR: IVORY
PATTERN: 12"X24" GRID
GROUT: TBD
- PT-3 ACCENT WALL FINISH: COASTAL TILE, VISION COLOR
COLOR: FOREST AND JADE GREEN MOSAIC
PATTERN: 12X12 MESH MOSAIC
GROUT: TBD
- BASE:**
- SCH SCHLUTER DILEX-HKS COVE BASE
- CORNER GUARDS:**
- CG-1 OUTSIDE CORNERS: STAINLESS STEEL SCHLUTER QUADREC CORNER TRIM
- CG-2 INSIDE CORNERS: STAINLESS STEEL DILEX-HKW OR SIMILAR
- MISCELLANEOUS:**
- FRP FIBERGLASS REINFORCED PANEL
- SS SOLID SURFACE SINK COUNTERTOPS
- GYP GYPSUM BOARD

ABBREVIATIONS

FLOORS		CEILINGS	
CONC	CONCRETE	EXP	EXPOSED PAINT
SC	STAINED CONCRETE	OTS	OPEN TO STRUCTURE
BASE			
CONC	CONCRETE		
GMGS	GLASS MAT GYPSUM BOARD		
RB	RUBBER BASE		
WALLS			
CONC	CONCRETE		
GMGS	GLASS MAT GYPSUM BOARD		
P	PAINT		
SF	STOREFRONT		



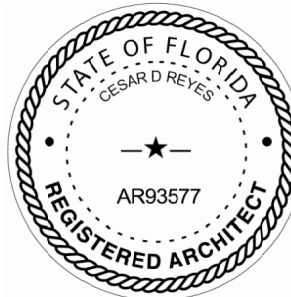
203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
850.522.0644



121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL. LIC. AA0003564

NAVARRE BEACH
PARKING LOT AND RESTROOM
SANTA ROSA COUNTY, FLORIDA

SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY RR, JC

APPROVED BY CR, RR, JC

CHECKED BY RR, CR

DATE AUGUST 2025

TITLE

FINISH PLAN

PROJECT NO. 50182809

A-611

SHEET NO. of

PLUMBING SHEET NOTES	
1	PROVIDE MANUAL ISOLATION VALVE IN DOMESTIC HW/CW PIPING ABOVE CEILING.
2	INSTALL VERTICAL DOMESTIC WATER LINE TIGHT TO COLUMN ON LANDWARD SIDE OF PILING. PROVIDE HEAT TRACE AT 5W PER LINEAR FOOT AND INSULATE. PROVIDE BREAK METAL OVER PIPING AND PAINT TO MATCH.
3	PROVIDE HEAT TRACE AT 5W PER LINEAR FOOT AND INSULATE FOR ALL EXPOSED DOMESTIC CW/HW PIPING. PROVIDE ALUMINUM JACKETING. PAINT W/ DRIP PROOF PAINT. COORDINATE COLOR W/ ARCHITECT.



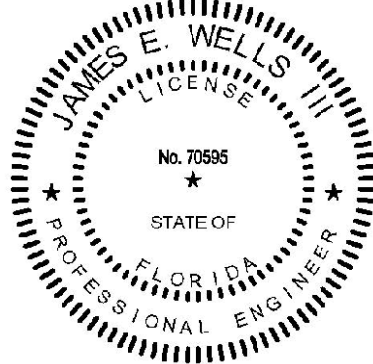
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850.522.0644



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110 E. WRIGHT ST.
PENSACOLA, FL 32501
T: (850)629-8270
F: (888)478-4898
FL P.E. #: 70595
FL AUTHORIZATION #: 31078

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SANTA ROSA COUNTY, FLORIDA

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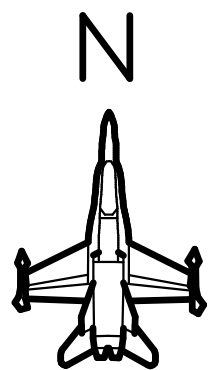
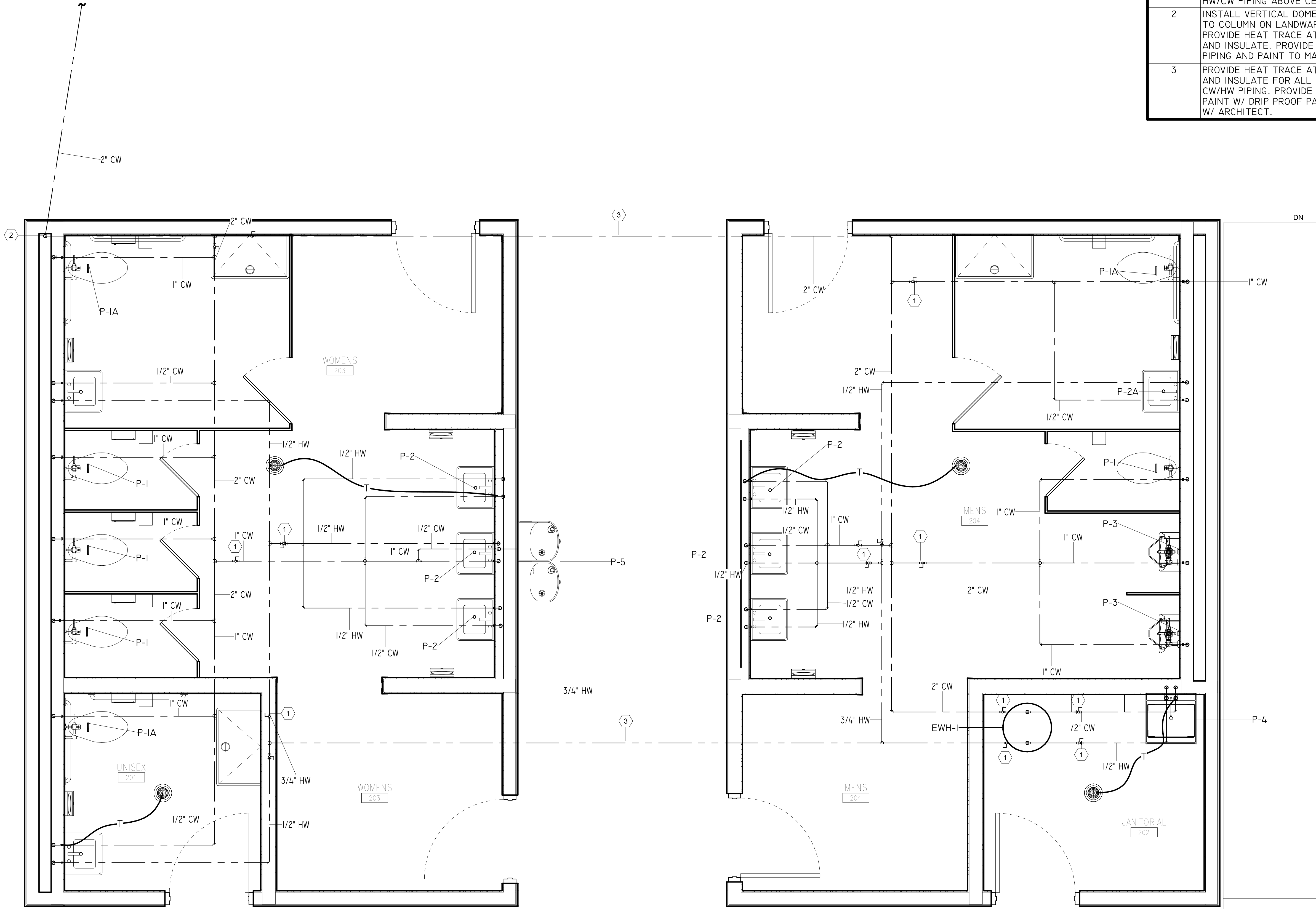
TITLE

DOMESTIC PIPING
NEW WORK FLOOR
PLAN

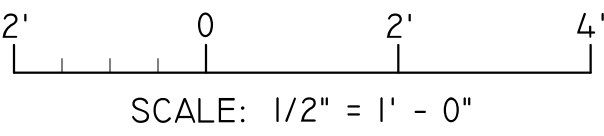
PROJECT NO. 50182809

P-101

SHEET NO. of



DOMESTIC PIPING NEW WORK PLAN



PLUMBING SHEET NOTES	
1	SEE CIVIL FOR CONT.
2	OFFSET VENTS IN CHASE TO AVOID STRUCTURE ABOVE.
3	ROUTE SANITARY DOWN TO BELOW GRADE.
4	INSTALL VERTICAL SANITARY LINE TIGHT TO COLUMN ON SHELTERED SIDE OF PILING. PROVIDE BREAK METAL OVER PIPING AND PAINT TO MATCH.



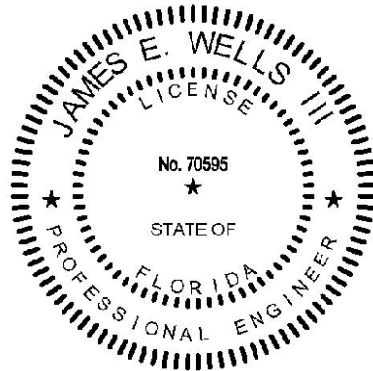
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850.522.0644



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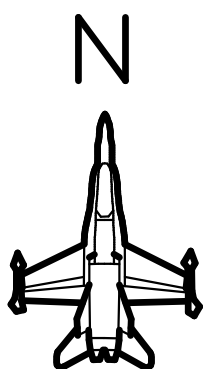
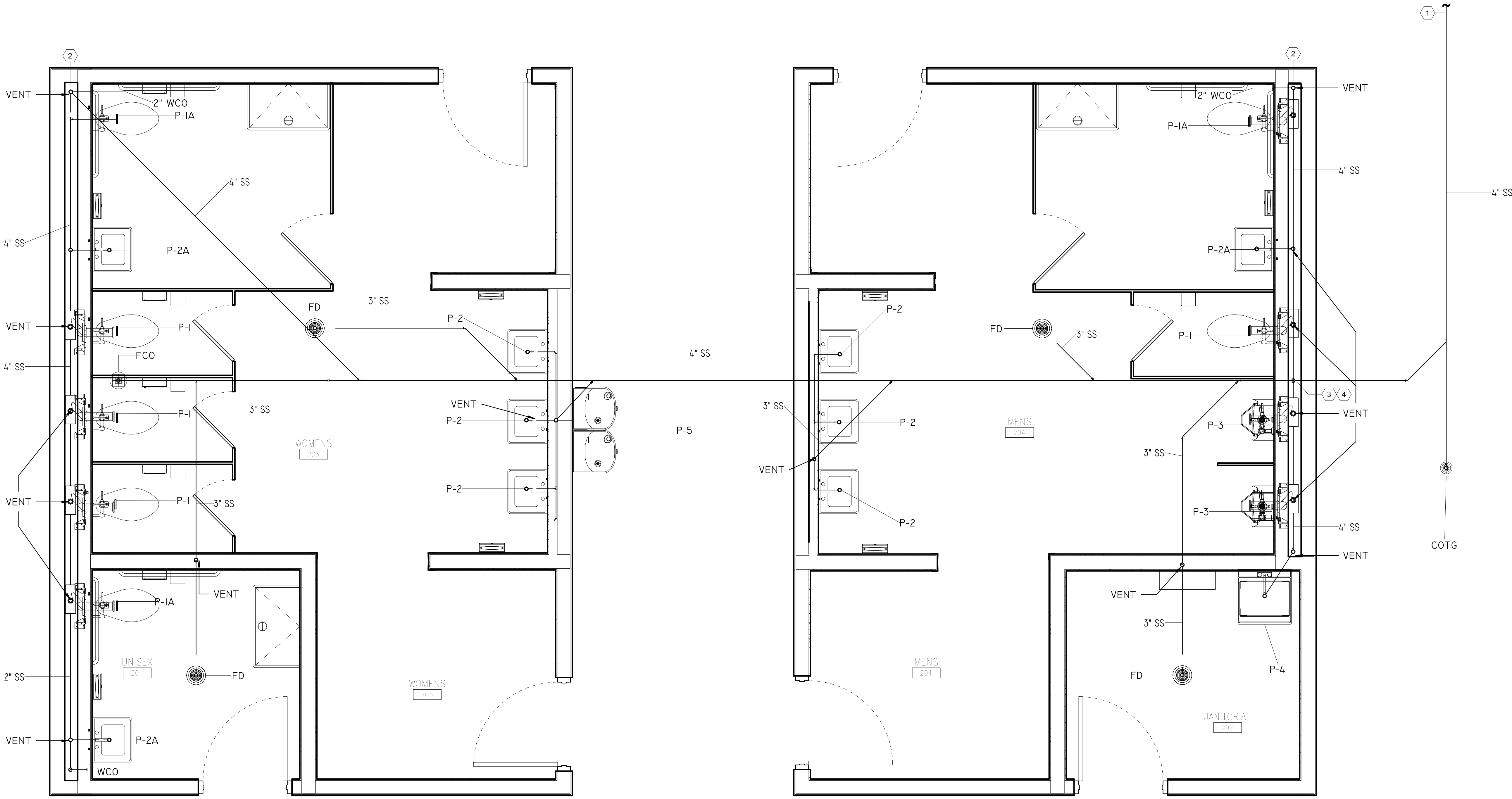
TITLE

**SANITARY PIPING
NEW WORK FLOOR
PLAN**

PROJECT NO. 50182809

P-111

SHEET NO. of



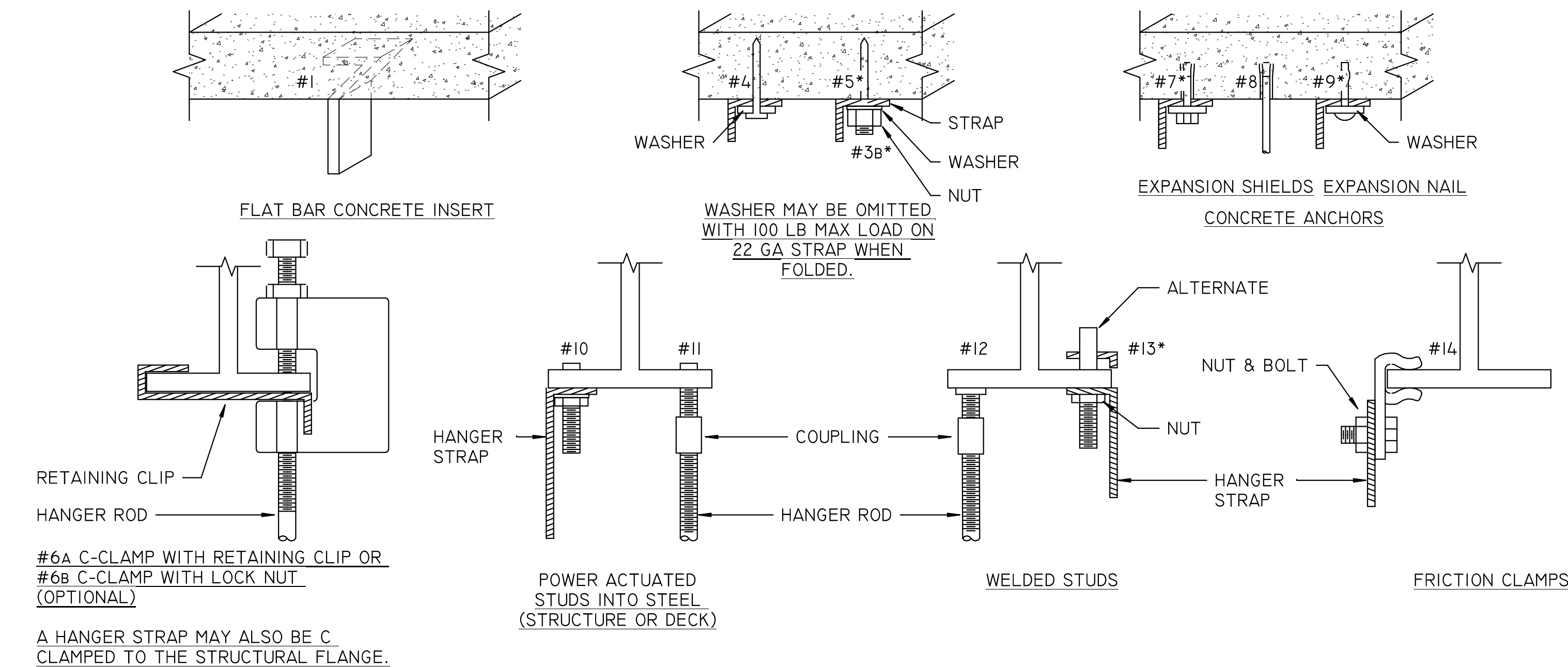
SANITARY PIPING NEW WORK PLAN - FIRST FLOOR

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

STANDARD PRACTICE MSS SP-58 TABLE 4 MAXIMUM HORIZONTAL PIPE HANGER AND SUPPORT SPACING

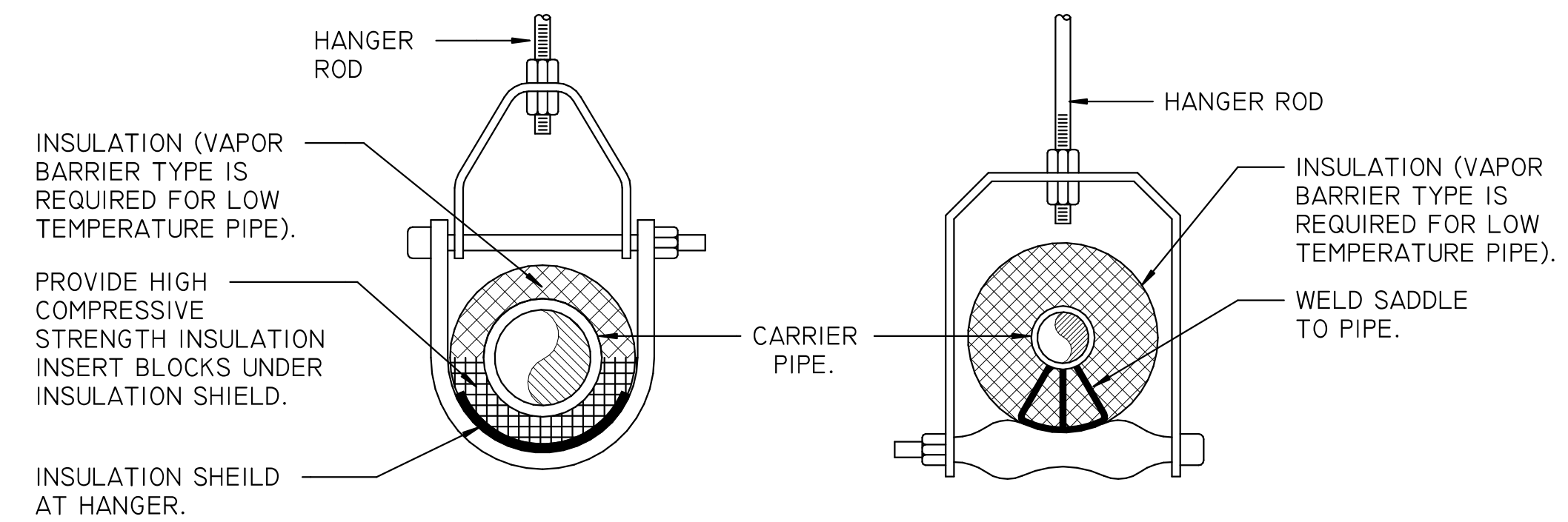
NOMINAL PIPE OR TUBE SIZE	STD WEIGHT STEEL PIPE		COPPER TUBE		FIRE PROTECTION	DUCTILE IRON PIPE	CAST IRON SOIL	GLASS	PLASTIC	FIBERGLASS REINFORCED
	WATER SERVICE	VAPOR SERVICE	WATER SERVICE	VAPOR SERVICE						
NPS-IN	FT	FT	FT	FT	FOLLOW REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION. SEE SECTION 5.4.	20FT MAX SPACING; MIN OF ONE (1) HANGER PER PIPE SECTION CLOSE TO JOINT ON THE BARREL. ALSO AT CHANGE OF DIRECTION AND BRANCH CONNECTIONS. SEE SECTION 5.3.4.	10 FT MAX SPACING; MIN OF ONE (1) HANGER PER PIPE SECTION CLOSE TO JOINT ON THE BARREL. ALSO AT CHANGE OF DIRECTION AND BRANCH CONNECTIONS. SEE SECTION 5.3.4.	8 FT MAX SPACING. FOLLOW PIPE MANUFACTURER'S RECOMMENDATIONS SEE SECTION 5.3.5.	FOLLOW PIPE MANUFACTURER'S RECOMMENDATIONS FOR MATERIAL AND SERVICE CONDITION. SEE SECTION 5.3.6.	FOLLOW PIPE MANUFACTURER'S RECOMMENDATIONS FOR MATERIAL AND SERVICE CONDITION. SEE SECTION 5.3.7.
1/4	-	-	5	5						
3/8	7	8	5	6						
1/2	7	8	5	6						
3/4	7	9	5	7						
1	7	9	6	8						
1 1/4	7	9	7	9						
1 1/2	9	12	8	10						
2	10	13	8	11						
2 1/2	11	14	9	13						
3	12	15	10	14						
3 1/2	13	16	11	15						
4	14	17	12	16						
5	16	19	13	18						
6	17	21	14	20						
8	19	24	16	23						
10	22	26	18	25						
12	23	30	19	28						
14	25	32	-	-						
16	27	35	-	-						
18	28	37	-	-						
20	30	39	-	-						
24	32	42	-	-						
30	33	44	-	-						

NOTE:
(A) FOR SPACING SUPPORTS INCORPORATING TYPE 40 SHEILDS, SEE TABLE A3.
(B) THIS TABLE DOES NOT APPLY WHERE SPAN CALCULATIONS ARE MADE OR WHERE THERE ARE CONCENTRATED LOADS BETWEEN SUPPORTS SUCH AS FLANGES, VALVES, SPECIALTIES, ETC., OR CHANGES IN DIRECTION REQUIRING ADDITIONAL SUPPORTS.
(C) UNBALANCED FORCES OF HYDROSTATIC OR HYDRODYNAMIC ORIGIN (THRUST FORCES) UNLESS RETRAINED EXTERNALLY CAN RESULT IN PIPE MOVEMENT AND SEPARATION OF JOINTS IF THE JOINTS OF THE SYSTEM ARE NOT OF A RESTRAINED JOINT DESIGN. SEE SECTION 7.5.3.

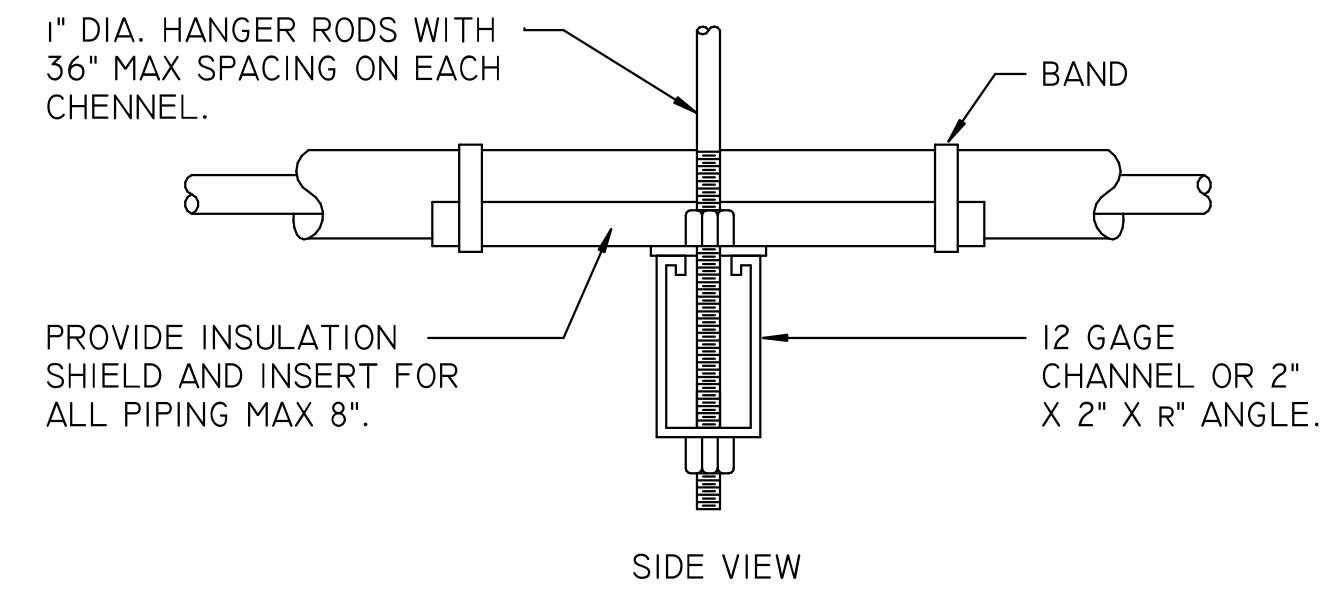


NOTE:
 " UNLESS OTHERWISE APPROVED ALLOWABLE LOAD ON UPPER ATTACHMENTS IS 1/4 OF FAILURE LOAD.
 " UPPER ATTACHMENTS MAY BE TO WOOD STRUCTURES ALSO.
 " WIRE USE IS NOT PRECULDED BY THESE ILLUSTRATIONS.
 " NOT ALL ATTACHMENT DEVICES SHOWN, REFER TO SMACNA DUCT CONSTRUCTION STANDARDS.

2 UPPER ATTACHMENT DEVICE DETAILS



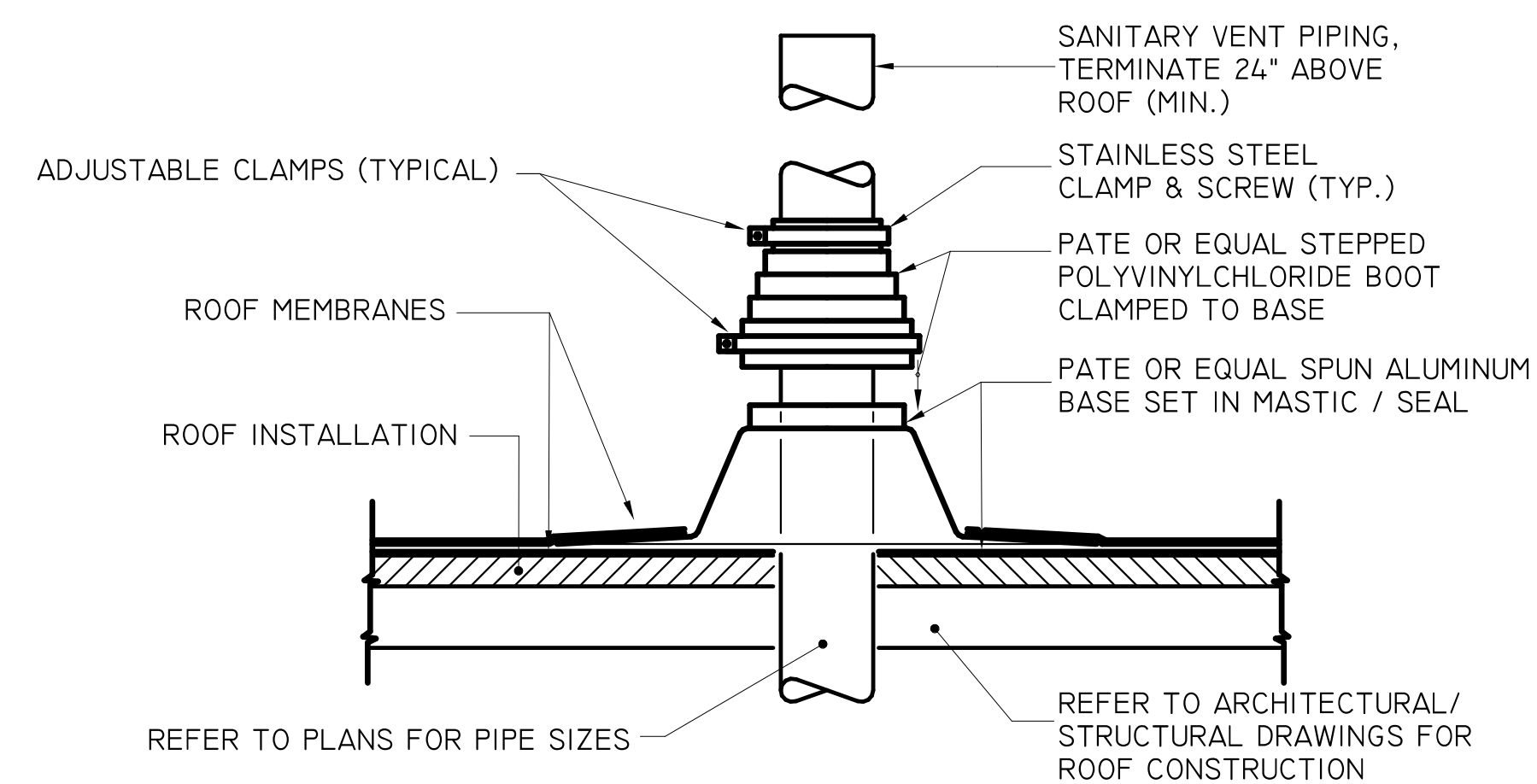
ADJUSTABLE CLEVIS HANGER ADJUSTABLE ROLLER HANGER



NOTE:

- " REFER TO STANDARD PRACTICE MSS SP-58 MAXIMUM HORIZONTAL PIPE AND SUPPORT SPACING.
- " FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.
- " ALL EQUIPMENT MOUNTINGS ARE TO RESIST FORCES OF 0.5 TIMES THE EQUIPMENT WEIGHT IN ANY HORIZONTAL DIRECTION AND 1.5 TIMES IN THE DOWNWARD DIRECTION.

PIPE HANGER DETAIL



VENT THRU ROOF DETAIL

NOT TO SCALE



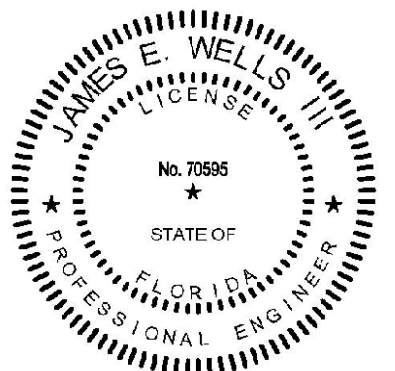
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NAVARRE BEACH
PARKING LOT AND RESTROOM -
SANTA ROSA COUNTY, FLORIDA

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DATE	_____	<u>AUGUST 2025</u>

TITLE

PLUMBING DETAILS

PROJECT NO.	50182809
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P-501

SHEET NO. _____ of _____



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850.522.0644

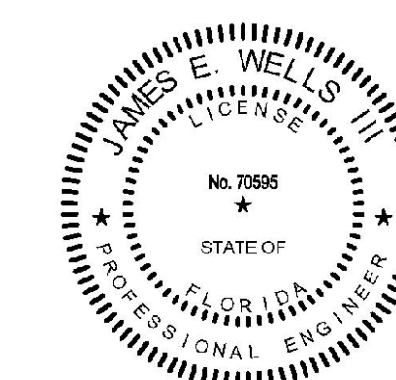


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NAVARRE BEACH
PARKING LOT AND RESTROOM -
SANTA ROSA COUNTY, FLORIDA

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SCALE

REVISIONS

[illegible]

NO.	DESCRIPTION	DATE
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DATE AUGUST 2025

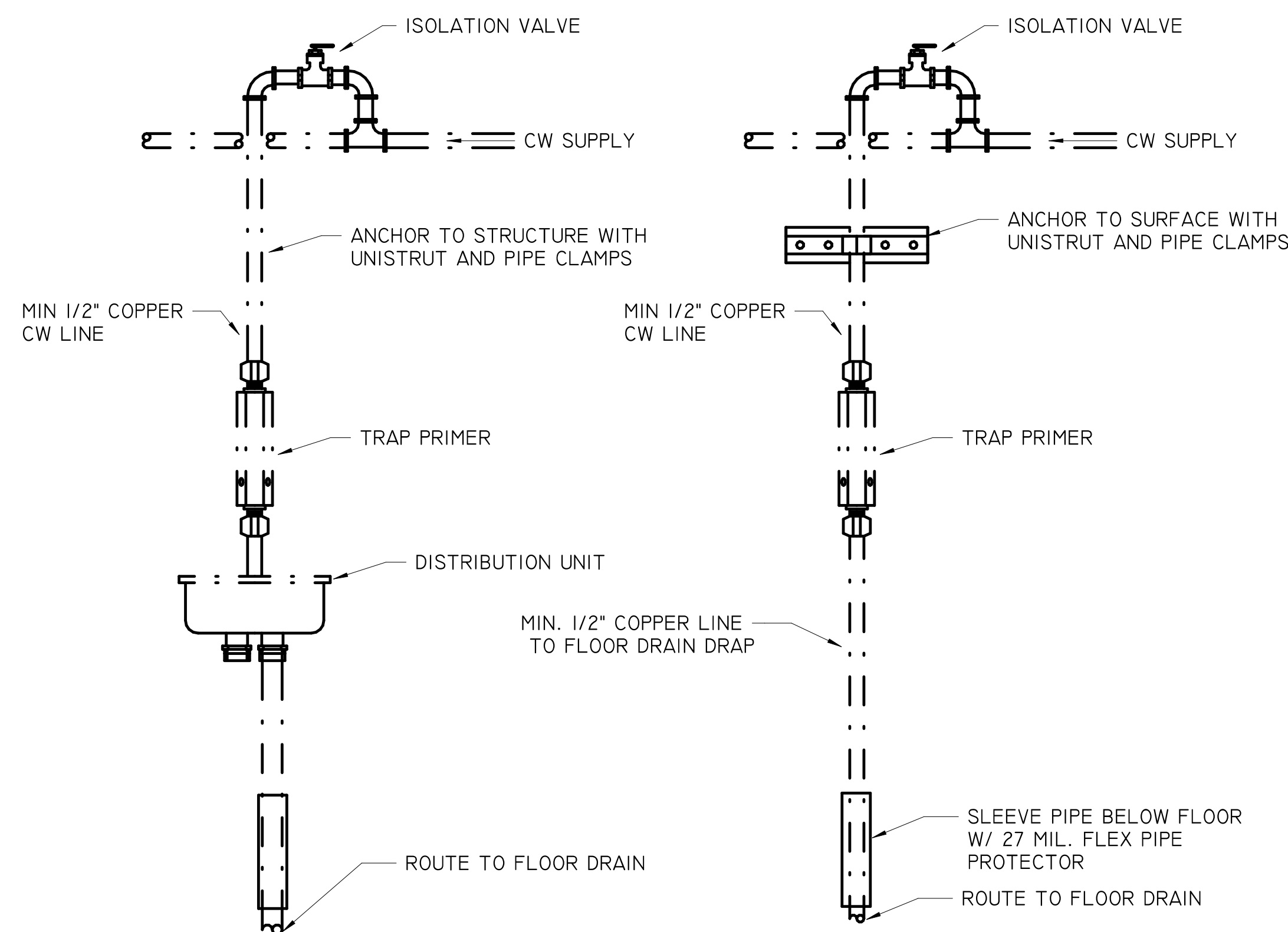
TITLE

EQUIPMENT DETAILS

PROJECT NO.	50182809
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P-502

SHEET NO. of



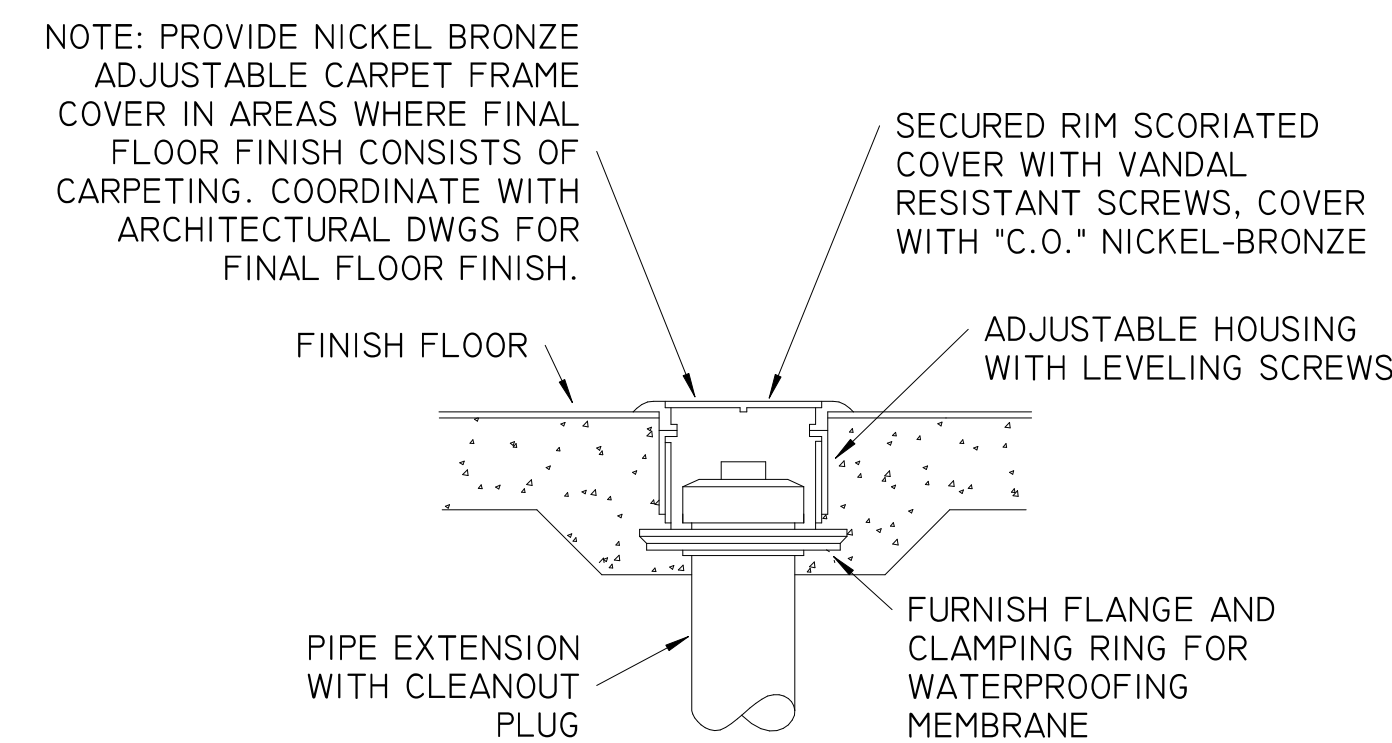
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TRAP PRIMER DETAIL

NOT TO SCALE

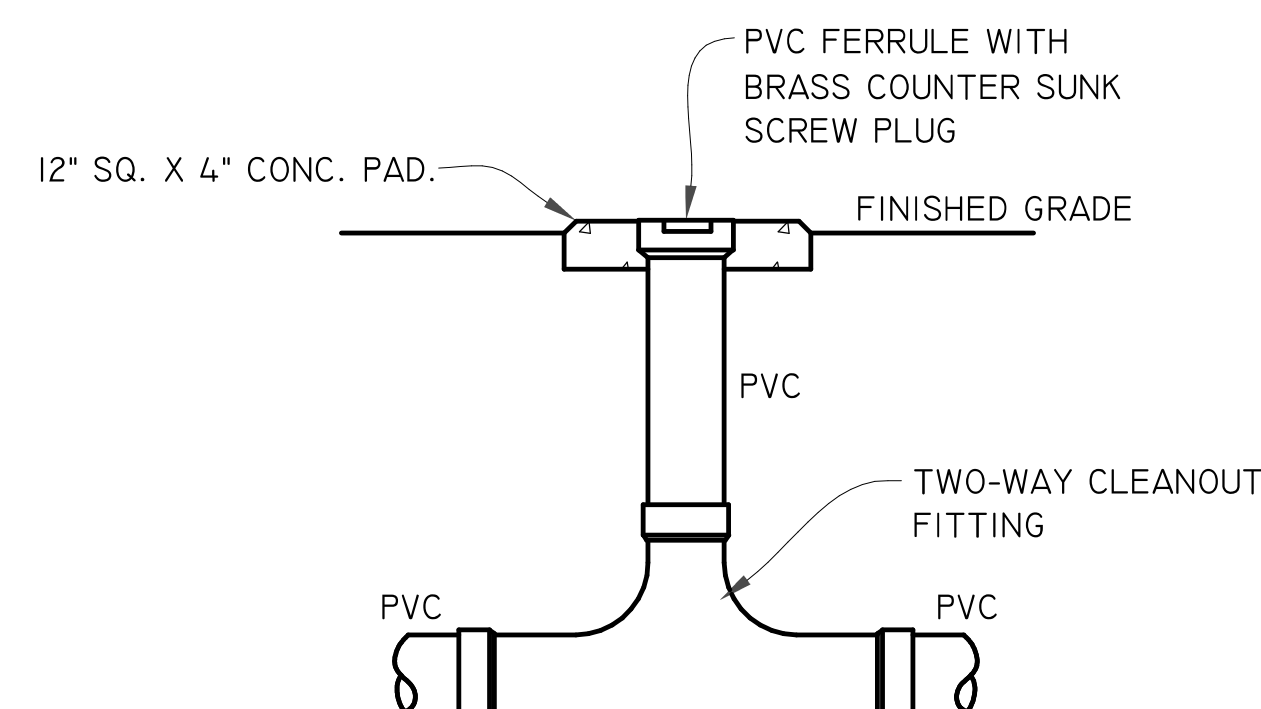
EXPOSED

INTENDED FOR MECHANICAL/EQUIPMENT APPLICATION ONLY.



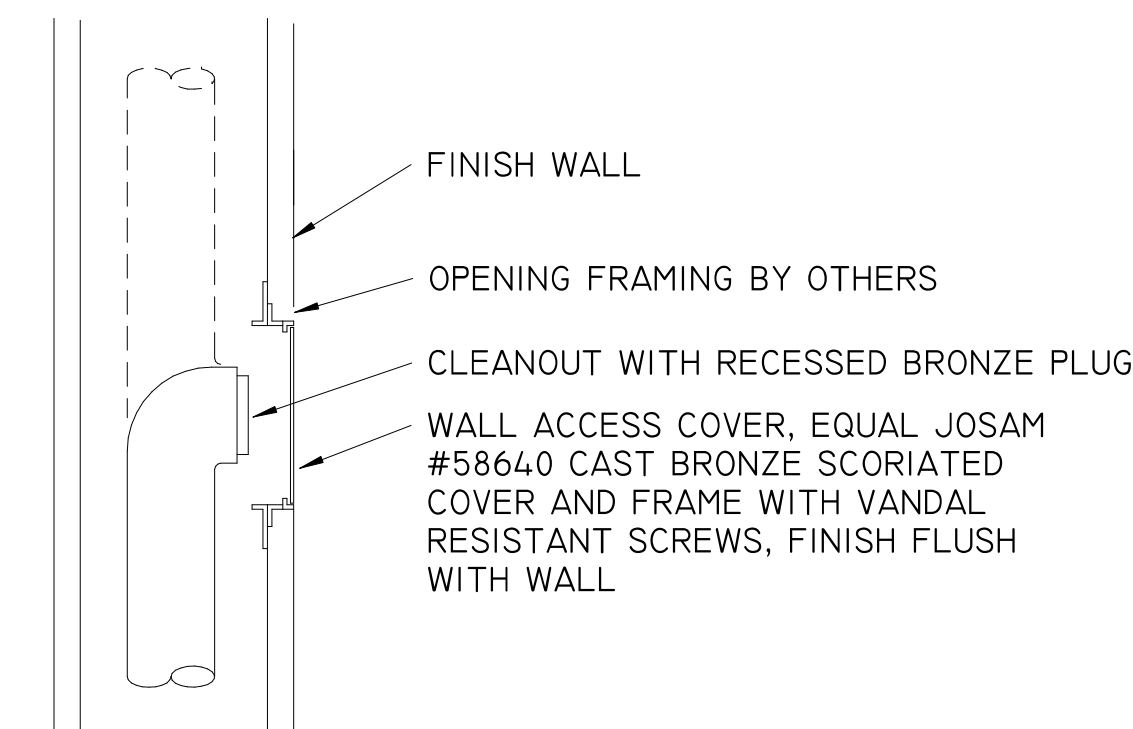
FLOOR CLEANOUT DETAIL

NOT TO SCALE



TWO-WAY CLEANOUT DETAIL

NOT TO SCALE

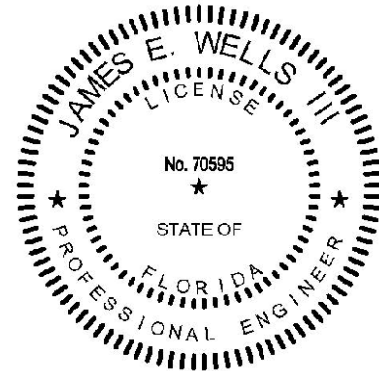


WALL CLEANOUT DETAIL

NOT TO SCALE



SEAL



FINAL BIDDING DOCUMENTS

SCALE

REVISIONS

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CHECKED BY _____ JEW/3
DATE _____ AUGUST 2025

TITLE

PLUMBING
SCHEDULES

PROJECT NO. 50182809

P-601

SHEET NO. of

PLUMBING FIXTURE SCHEDULE

LABEL	DESCRIPTION	CW	HW	SAN	COMMENTS
P-1	WATER CLOSET	1"	-	3"	WATER CLOSET - WALL HUNG
P-1A	WATER CLOSET	1"	-	3"	ADA COMPLIANT WHITE VITREOUS WATER CLOSET, ELONGATED BOWL W/ HEAVY DUTY WALL CARRIER. PROVIDE 1.6 GPF MANUAL DIAGHRAGM STYLE FLUSH VALVE. BASIS OF DESIGN: KOHLER KINGSTON W/ SLOAN REGAL FLUSH VALVE.
P-2	LAVATORY	1/2"	1/2"	1 1/2"	WALL MOUNT LAVATORY. THREE HOLE FAUCET SET ON 4" CENTERS. KOHLER K-12636-0 W/ K-400T70-5AKA FAUCET
P-2A	LAVATORY	1/2"	1/2"	1 1/2"	ADA COMPLIANT WALL MOUNT WHITE VITREOUS CHINA LAVATORY. KOHLER K-2005-0 W/ ADA COMPLIANT 4" CENTERSET GOOSENECK FAUCET
P-3	URINAL	3/4"	-	2"	WALL MOUNT, VITREOUS CHINA, KOHLER K-4991-ET W/ SLOAN REGAL 1 GPF FLUSH VALVE
P-4	UTILITY SINK	1/2"	1/2"	3"	FREE STANDING UTILITY SINK, 14"DX20"LX24"W BASIN, MUSTEE 19CFT W/ MUSTEE 93.600 FAUCET
P-5	DRINKING FOUNTAIN	1/2"	-	-	VANDAL RESISTANT, STAINLESS STEEL, BI-LEVEL DRINKING FOUNTAIN W/ LEAF AND DEBRIS STRAINER AND FREEZE RESISTANT VALVE SYSTEM. COORDINATE COLOR W/ ARCH. BASIS OF DESIGN: MURDOCK GRD65-BP6
FD	FLOOR DRAIN	-	-	3"	LIGHT DUTY FLOOR DRAIN W/ 12" ROUND TOP AND SEDIMENT BUCKET. SEDIMENT BUCKET SHALL BE PROVIDED W/ HOLES IN SIDE OF BUCKET ONLY. SHALL PROVIDE NICKEL BRONZE GRATE. BASIS OF DESIGN: JR SMITH 2230

NOTES:

--COORDINATE FLOOR DRAIN TYPES WITH FLOOR TYPE ON ARCHITECTURAL PLAN. FLOOR DRAINS IN AREAS W/ EPOXY FLOORING SHALL BE PROVIDED WITH MEMBRANE CLAMP AND ADJUSTABLE COLLAR.
--PROVIDE DEEP SEAL TRAP OR TRAP PRIMER FROM NEAREST FIXTURE TO FLOOR DRAINS IN ACCORDANCE W/ FLORIDA PLUMBING CODE.

ELEC WATER HEATER SCHEDULE

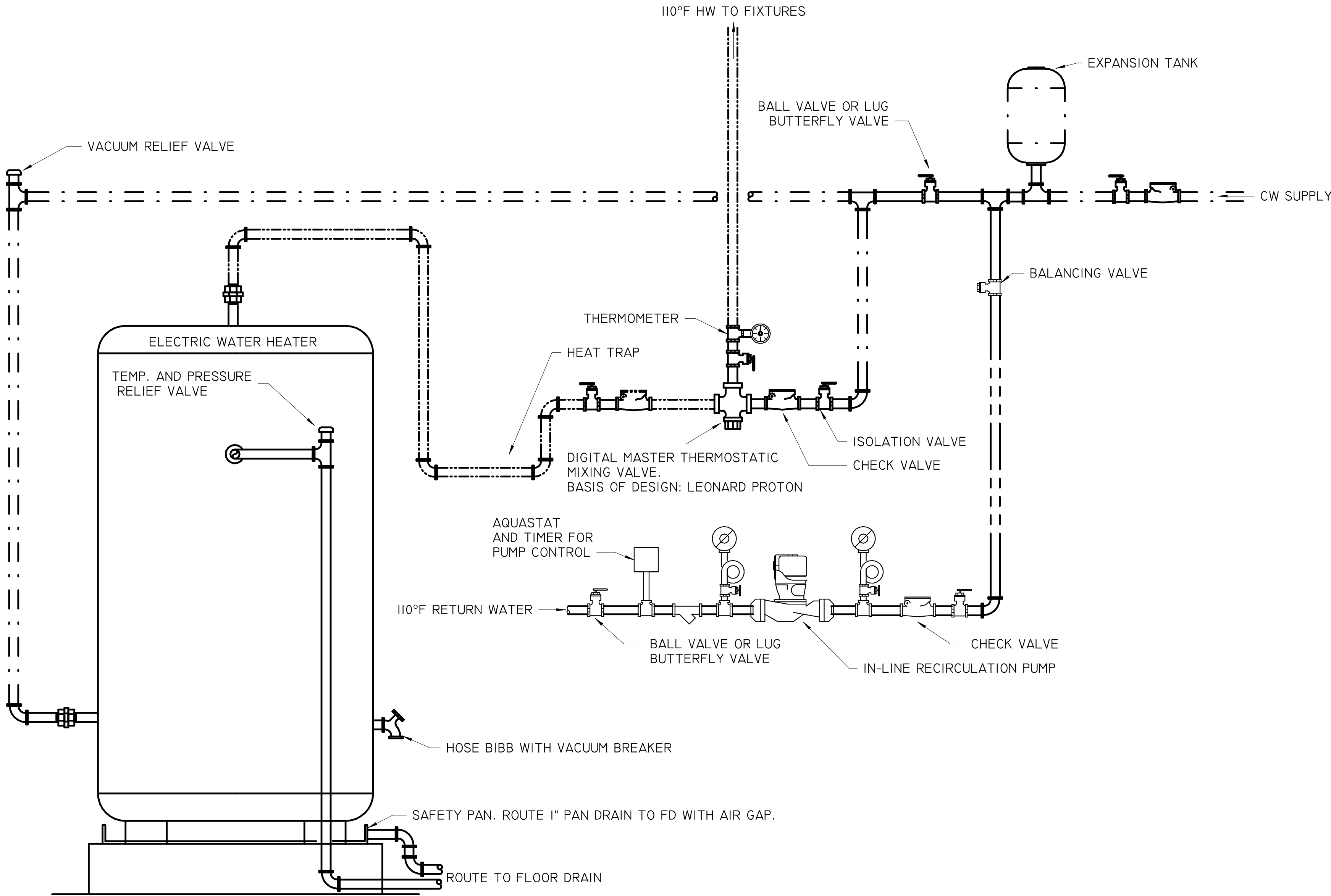
MARK	TYPE	DESCRIPTION	KW	VOLTAGE	PHASE	Hz	NOTES
EW-H	50 GALLON TANK TYPE	COMMERCIAL ELECTRIC DUAL ELEMENT WATER HEATER	6	240 V	1	60 Hz	BASIS OF DESIGN: A.O. SMITH DEN-52

WATER HAMMER ARRESTOR SCHEDULE

P.D.I. UNITS	A	B	C	D	E	F
FIXTURE UNITS	I-II	I2-32	33-60	61-113	114-154	155-330
CLASSIFICATIONS ESTABLISHED BY THE PLUMBING AND DRAINAGE INSTITUTE "STANDARD P.D.I.-WH201".						
APPROVED MANUFACTURERS:						
L. ZURN, WADE, J.R. SMITH, JOSAM, MIFAB						

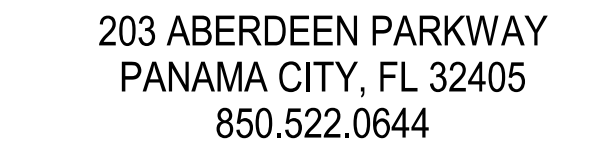
FIXTURE UNIT SCHEDULE

DESCRIPTION	QUANTITY	WSFU - CW	WSFU - HW	WSFU - TOTAL	DFU
DRINKING FOUNTAIN	1	0.25	0	0.25	0.5
FLOOR DRAIN	4	0	0	0	8
LAVATORY	9	13.5	13.5	18	9
URINAL	2	10	0	10	8
UTILITY SINK	1	3	3	4	2
WATER CLOSET	8	80	0	80	32
		106.75	16.5	112.25	59.5



WATER HEATER W/ RECIRC AND MIXING VALVE DETAIL

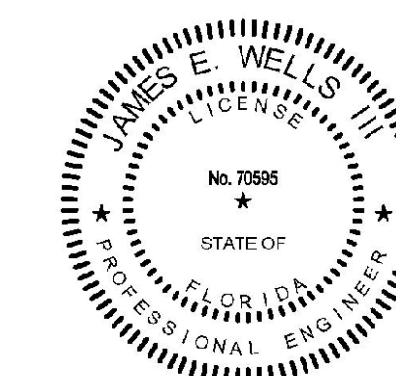
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PENSACOLA, FL 32501
T: (850)629-8270
F: (888)478-4898
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NAVARRE BEACH
PARKING LOT AND RESTROOM -
SANTA ROSA COUNTY, FLORIDA

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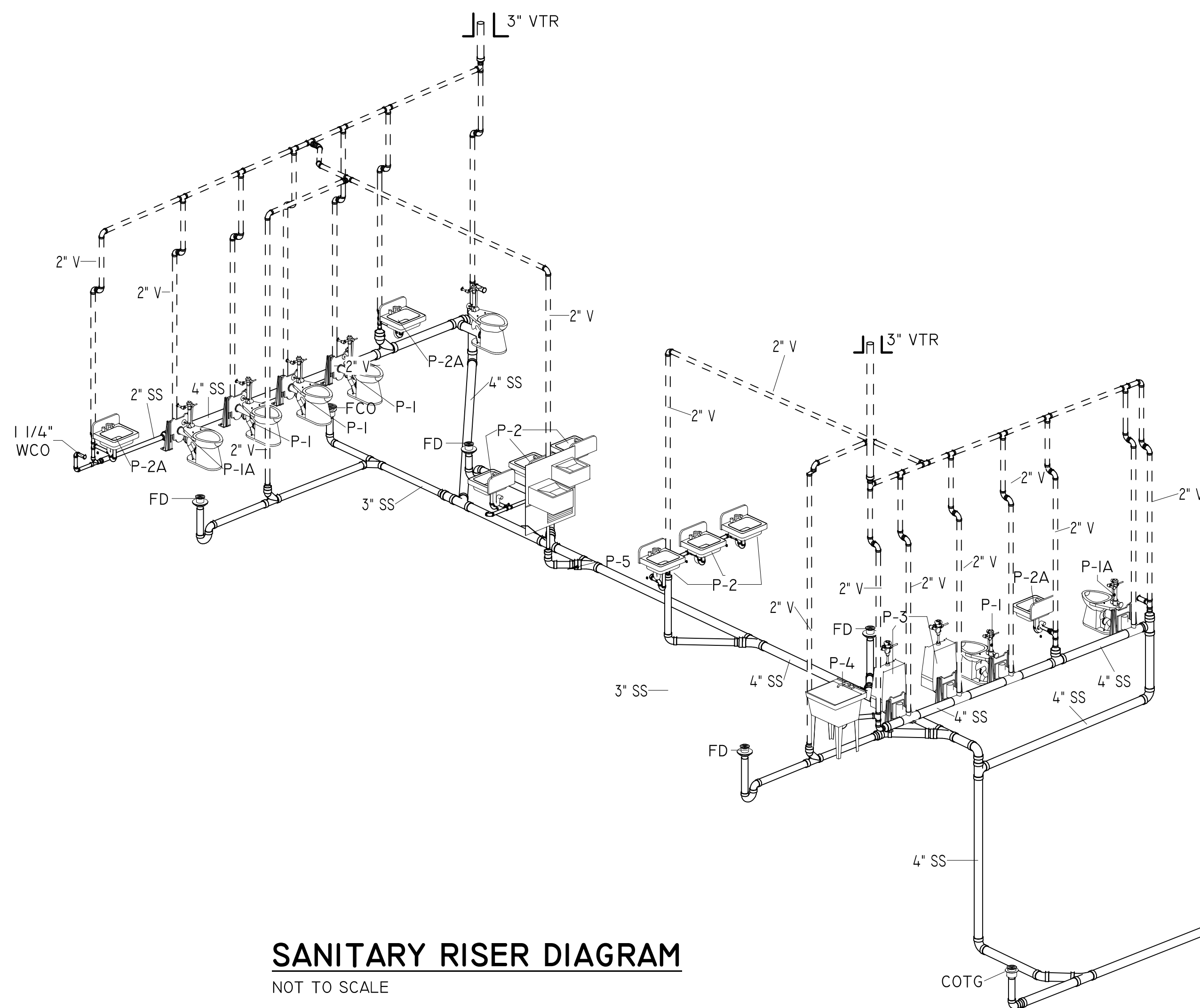
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RISER DIAGRAMS

PROJECT NO.	50182809
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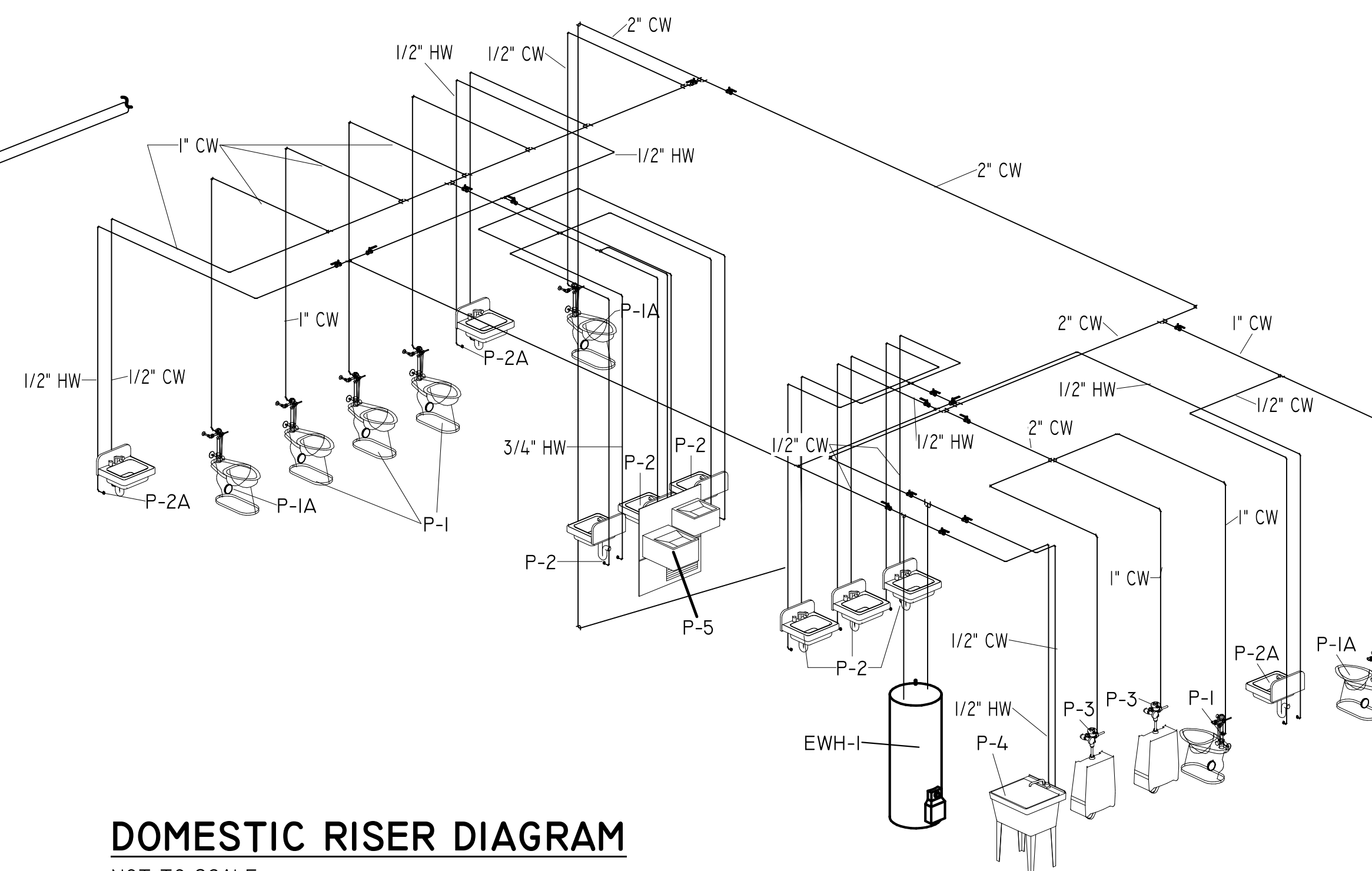
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SANITARY RISER DIAGRAM

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DOMESTIC RISER DIAGRAM

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NOTES:

NOTES:
--PROVIDE WATER HAMMER ARRESTORS IN ACCORDANCE W/ SCHEDULE ON P-60I AND FLORIDA PLUMBING CODE.

HVAC LEGEND

SYMBOL	ITEM	SYMBOL	ITEM	SYMBOL	ITEM
	RECTANGULAR DUCTWORK, SIZES SHOWN ARE INTERNAL CLEAR DIMENSIONS (WIDTH x HEIGHT).		SMOKE DETECTOR		NEW CONNECTION POINT
	INTERNALLY LINED RECTANGULAR DUCTWORK, SIZES SHOWN ARE INTERNAL CLEAR DIMENSIONS.		FLEXIBLE PIPE CONNECTOR		DISCONNECTION POINT
	ROUND SNAPLOCK GALVANIZED STEEL DUCTWORK, EXTERNALLY INSULATED, SMACNA STATIC PRESSURE CONSTRUCTION CLASS 1/2" W.G., SEAL CLASS C. SIZE SHOWN IS SHEET METAL DIAMETER. SHALL BE USED ONLY AT RUNOUTS TO AIR OUTLETS.		PRESSURE GAGE WITH GAGE COCK		DUCTWORK TO BE DEMOLISHED
	FACTORY FABRICATED/INSULATED FLEXIBLE ROUND DUCT, SIZE SHOWN IS INSIDE DIAMETER.		COMBINATION PRESSURE AND TEMPERATURE TEST PLUG WITH EXTENDED NECK AND CAP		MOTORIZED DAMPER
	ROUND SPIRAL SEAM GALVANIZED STEEL DUCTWORK, EXTERNALLY INSULATED. SIZE SHOWN IS SHEET METAL DIAMETER. SMACNA STATIC PRESSURE CLASS 4" W.G., SEAL CLASS C.		CONDENSATE PIPING		FIRE DAMPER/COMBINATION FIRE SMOKE DAMPER WITH ACTUATORS AND ACCESS PANELS
	SQUARE THROAT ELBOW IN RECTANGULAR DUCT WITH DOUBLE WALL TURNING VANES.		ELBOW TURN UP		NUMBER ON SHEET WHERE SECTION OCCURS
	LONG RADIUS ELBOW IN RECTANGULAR DUCT.		ELBOW TURN DOWN		SHEET WHERE SECTION OCCURS
	FLEXIBLE DUCT CONNECTION		CONNECTION, TOP		LETTER INDICATES SECTION
	TRANSITION		CONNECTION, BOTTOM		SHEET WHERE SECTION IS DRAWN
	RECTANGULAR TO ROUND DUCT TRANSITION.		MOTOR STARTER		SHEET WHERE SECTION OCCURS
	RECTANGULAR BRANCH DUCT TAKE OFF FROM RECTANGULAR DUCT MAIN WITH 45° COLLAR.		SPACE HUMIDITY SENSOR, MOUNT 48" A.F.F.; PROVIDE LOCKING THERMOSTAT COVER		
	RECTANGULAR DUCTWORK TURNING 90° UP.		SPACE THERMOSTAT SERVING UNIT #, MOUNT 48" A.F.F.; PROVIDE LOCKING THERMOSTAT COVER		
	RECTANGULAR DUCTWORK TURNING 90° DOWN.		MANUAL VOLUME DAMPER, PROVIDE WITH LOCKING QUADRANT		
	CEILING DIFFUSER WITH 24"x24" FACE EQUAL TO "TITUS OMNI". PROVIDE SURFACE MOUNT STYLE FOR GYPSUM BOARD CEILING AND LAY-IN TYPE AT T-BAR CEILING GRID. ROUND NECK SIZE AND AIRFLOW AS INDICATED. 4-WAY DIRECTION OF THROW. PROVIDE WITH OPPOSED BLADE VOLUME CONTROL DAMPER BACK FACE OF DIFFUSER SHALL HAVE INSULATION BLANKET.		TRANSITION POINT IN CHWS/R OR HWS/R PIPING		HORIZONTAL FIRE DAMPER IN FLOOR/CEILING
			DOOR UNDERCUT		
			ROUND BRANCH DUCT TAKEOFF FROM RECTANGULAR DUCT MAIN. BRANCH DUCT SHALL BE FLEXIBLE ROUND DUCT OR ROUND SNAPLOCK DUCT AS INDICATED. ROUND DUCT TAP IN SHALL BE MADE WITH SPIN-IN COLLAR WITH MANUAL VOLUME DAMPER.		

CODE REFERENCES

- ALL WORK SHALL COMPLY WITH ALL LOCAL BUILDING CODES, LAWS, REGULATIONS, ORDINANCES, AND CODES AS FOLLOWS:
 - ACCESSIBILITY: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - ENERGY CONSERVATION: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - BUILDING: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - EXISTING BUILDING: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - FUEL GAS: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - MECHANICAL: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - PLUMBING: FLORIDA BUILDING CODE - 2023 8TH EDITION
 - NATIONAL ELECTRICAL CODE - 2014 EDITION
 - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101, 2015 LIFE SAFETY CODE FOR FLORIDA
 - APPLICABLE CODE SECTIONS AS REQUIRED BY FLORIDA ADMINISTRATIVE CODE 69A-3.012
 - AMERICANS WITH DISABILITY ACT 2010 (ADA 2010)

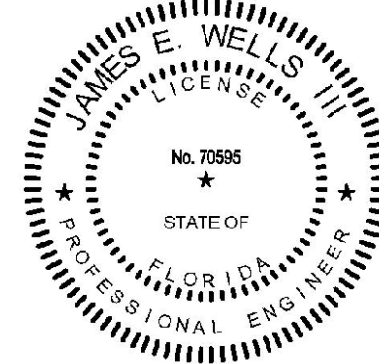
HVAC NOTES

- T'STATS INDICATED ADJACENT TO DOORWAYS SHALL BE LOCATED WITHIN 18" OF JAMB. AT LOCATIONS WITH LIGHT SWITCHES, LOCATE T'STAT SUCH THAT LIGHT SWITCH IS BETWEEN T'STAT AND JAMB. T'STATS SHALL BE LOCATED 48" AFF. VERIFY T'STAT LOCATIONS WITH SYSTEMS FURNITURE LAYOUT PRIOR TO INSTALLING ANY T'STAT.
- LOUVER DIMENSIONS INDICATED DOES NOT INCLUDE FRAME OR FLANGES. APPROXIMATE ROUGH OPENING IN WALL ASSEMBLY IS INDICATED ON ARCHITECTURAL.

TYPICAL DUCTWORK & INSULATION NOTES

- EXHAUST AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1/2" W.G., SEAL CLASS B. PAINT W/ DRIP PROOF PAINT. COORDINATE COLOR W/ ARCHITECT.
- ALL DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
- AVOID ROUTING DUCTWORK OVER LIGHTS WHEREVER POSSIBLE. MAINTAIN MINIMUM 6" CLEARANCE BETWEEN DUCT INSULATION TO TOP OF LIGHTS.

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 DATE _____ AUGUST 2025

TITLE

LEGEND &
ABBREVIATIONS

PROJECT NO. 50182809

M-001

SHEET NO. of

SHEET NOTES	
KEY #	KEYNOTE TEXT
I	ROUTE EXHAUST DUCT TO ARCHITECTURAL LOUVER LOCATED IN DORMER. SEE ARCH. FOR SIZE AND SPECIFICATION OF LOUVER.



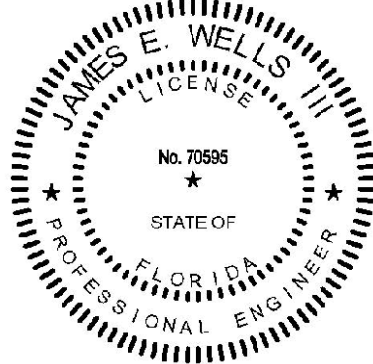
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PANAMA CITY, FL 32405
850.522.0644



W3 Engineering Inc.
110 E. WRIGHT ST.
PENSACOLA, FL 32501
T: (850)629-8270
F: (888)478-4898
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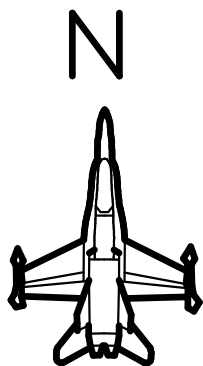
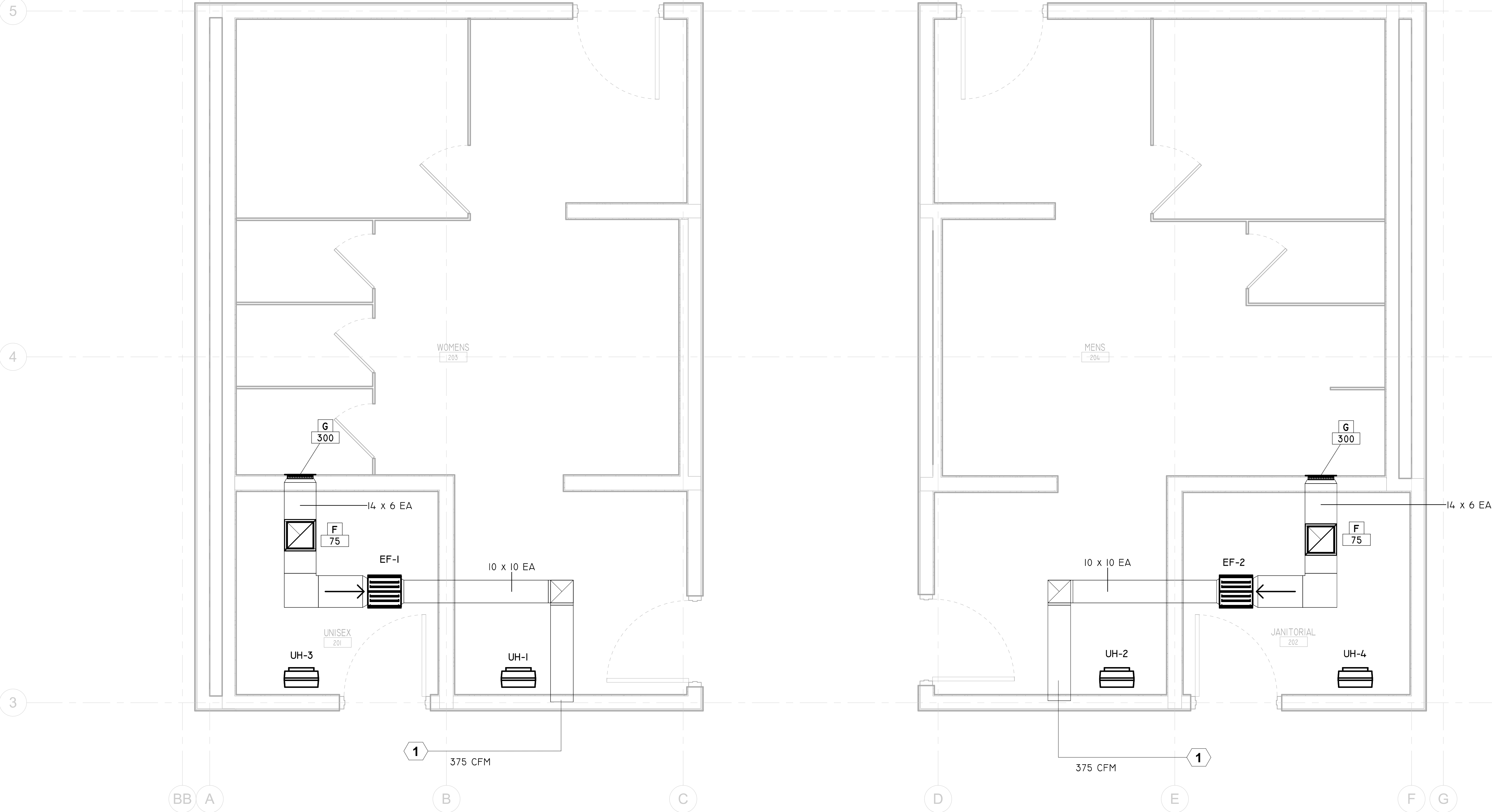
TITLE

HVAC NEW WORK
FLOOR PLAN

PROJECT NO. 50182809

M-101

SHEET NO. of



I HVAC NEW WORK FLOOR PLAN

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



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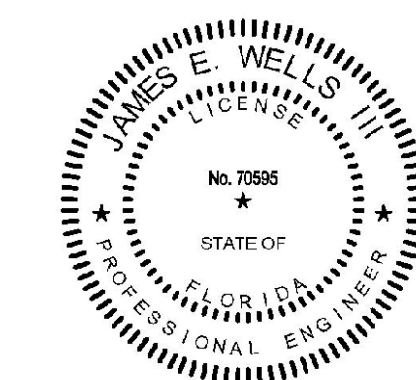


W3 Engineering Inc.

110 E. WRIGHT ST.
PENSACOLA, FL 32501
T: (850)629-8270
F: (888)478-4898
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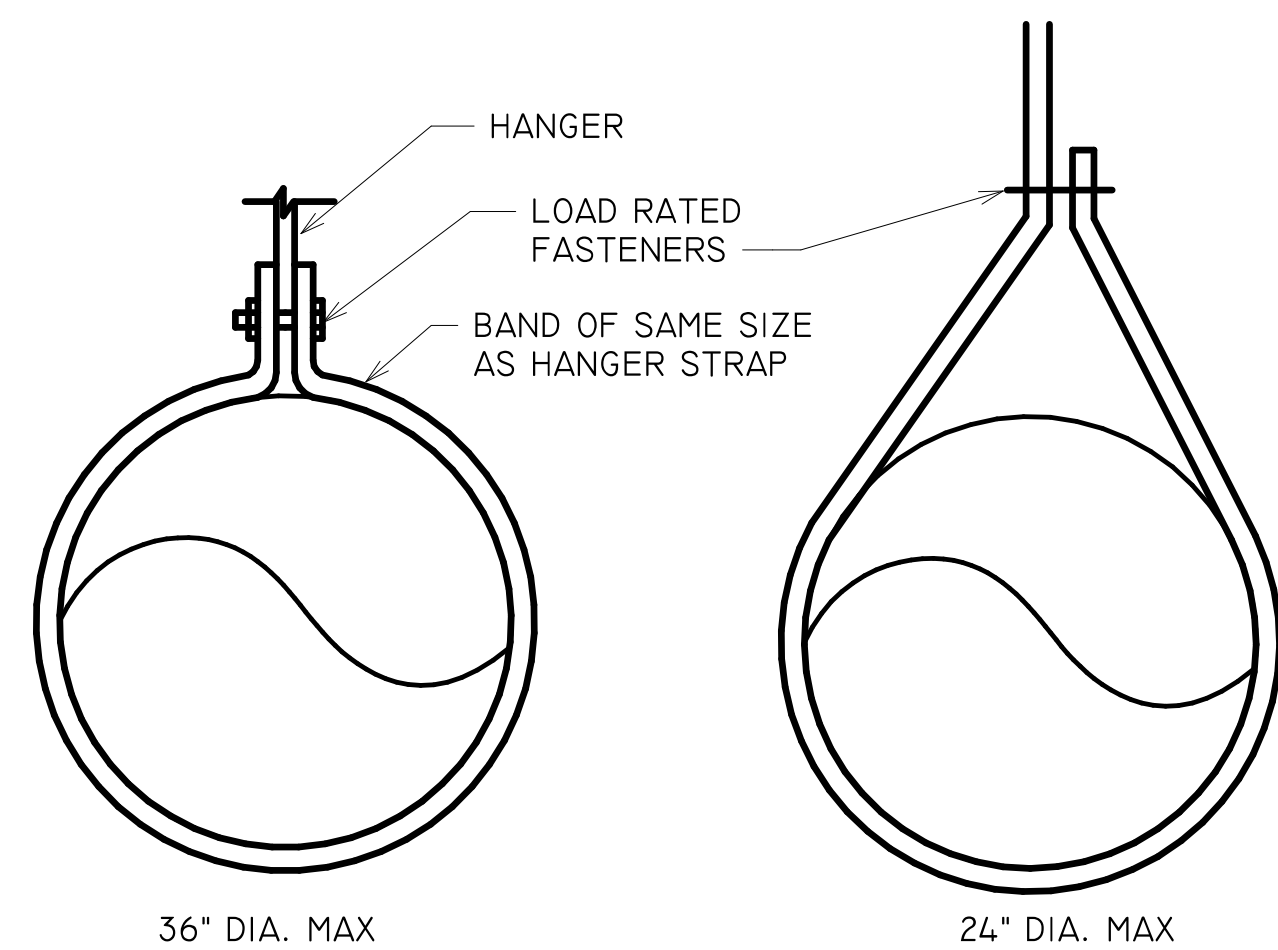
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HVAC DETAILS

PROJECT NO.	50182809
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M-501

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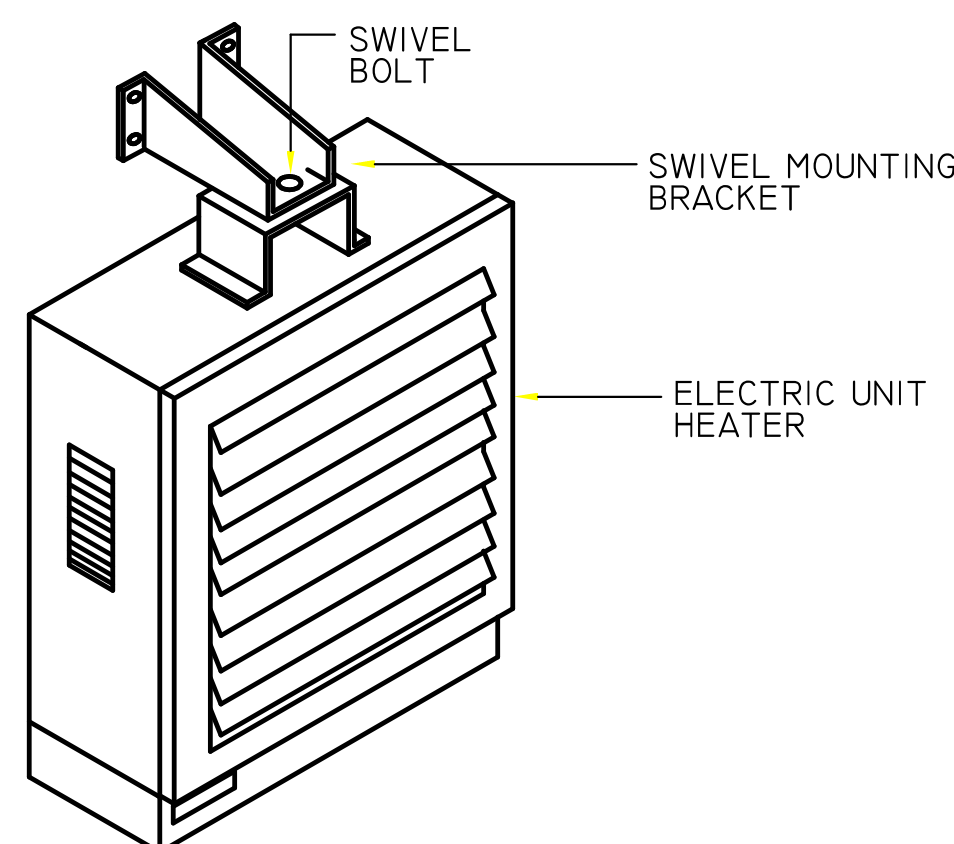
MINIMUM HANGER SIZE FOR ROUND DUCT				
DIA	MAX SPACING	WIRE DIA.	ROD	STRAP
10" DN	12'	ONE 12 GA.	1/4"	1" X 22 GA.
11-18"	12'	TWO 12 GA. OR ONE 8 GA.	1/4"	1" X 22 GA.
19-24"	12'	TWO 10 GA.	1/4"	1" X 22 GA.
25-36"	12'	TWO 8 GA.	3/8"	1" X 20 GA.
37-50"	12'		TWO 3/8"	TWO 1" X 20 GA.
51-60"	12'		TWO 3/8"	TWO 1" X 18 GA.
61-84"	12'		TWO 3/8"	TWO 1" X 16 GA.

NOTES:

STRAPS ARE GALVANIZED STEEL; RODS ARE UNCOATED OR GALVANIZED STEEL;
WIRE IS BLACK ANNEALED, BRIGHT BASIC, OR GALVANIZED STEEL. ALL ARE ALTERNATES.
TABLE SHOWS ALLOWED CONVENTIONAL WALL THICKNESSES, AND JOINT SYSTEMS PLUS
ONE LB/SF
INSULATION WEIGHT. IF HEAVIER DUCTS ARE TO BE INSTALLED, ADJUST HANGERS TO
BE WITHIN
THEIR LIMITED LOAD. SEE DUCT HANGER DETAIL. HANGER SPACING MAY BE ADJUSTED
BY SPECIAL
ANALYSIS.

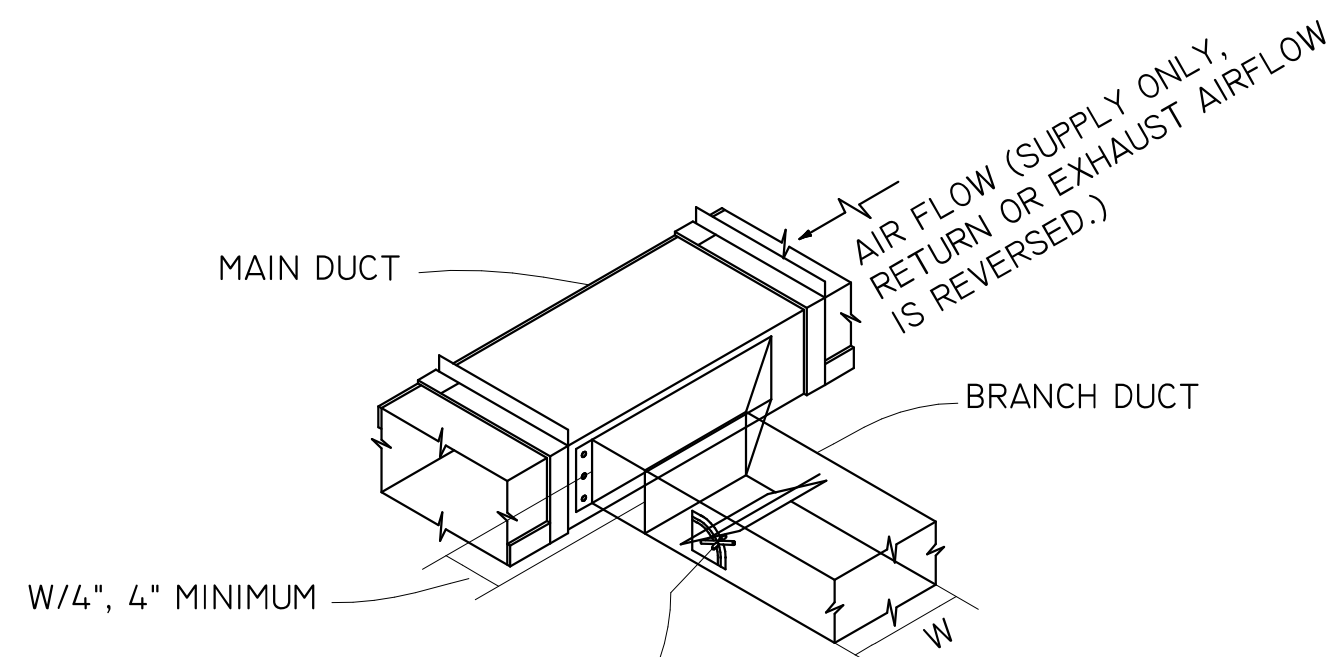
ROUND DUCT SUPPORT DETAIL

NOT TO SCALE



TYPICAL UNIT HEATER DETAIL

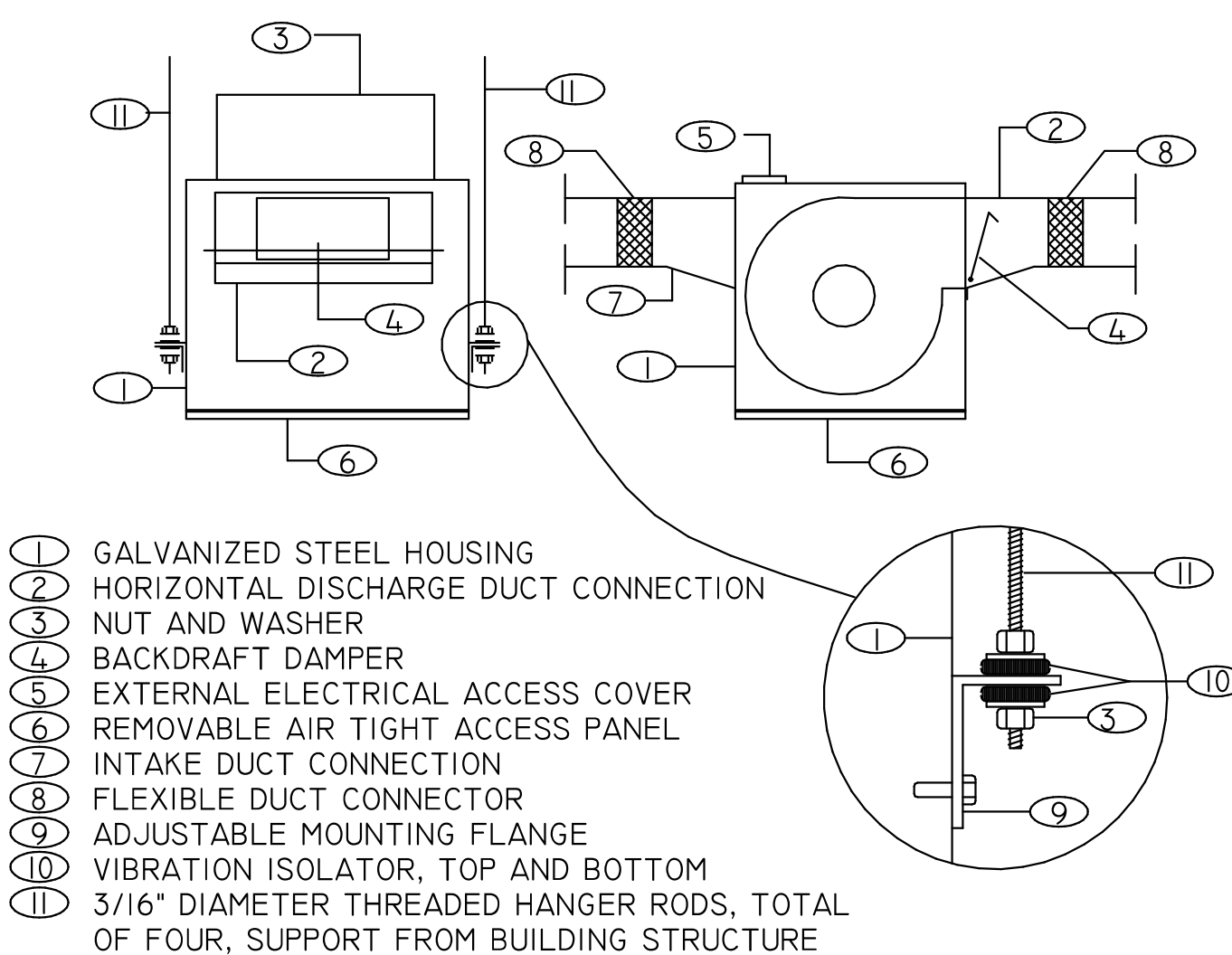
NOT TO SCALE



ADJUSTABLE VOLUME DAMPER WITH POSITIONING LEVER,
EXTENSION SECTION (INSULATED DUCT ONLY) AND LOCKING
WING NUT. VOLUME DAMPER SHALL BE SINGLE BLADE OR
MULTI-BLADE DEPENDING ON DUCT SIZE, SEE SPECIFICATIONS.
LOCATE DAMPER MINIMUM 6" DOWNSTREAM OF TAKEOFF

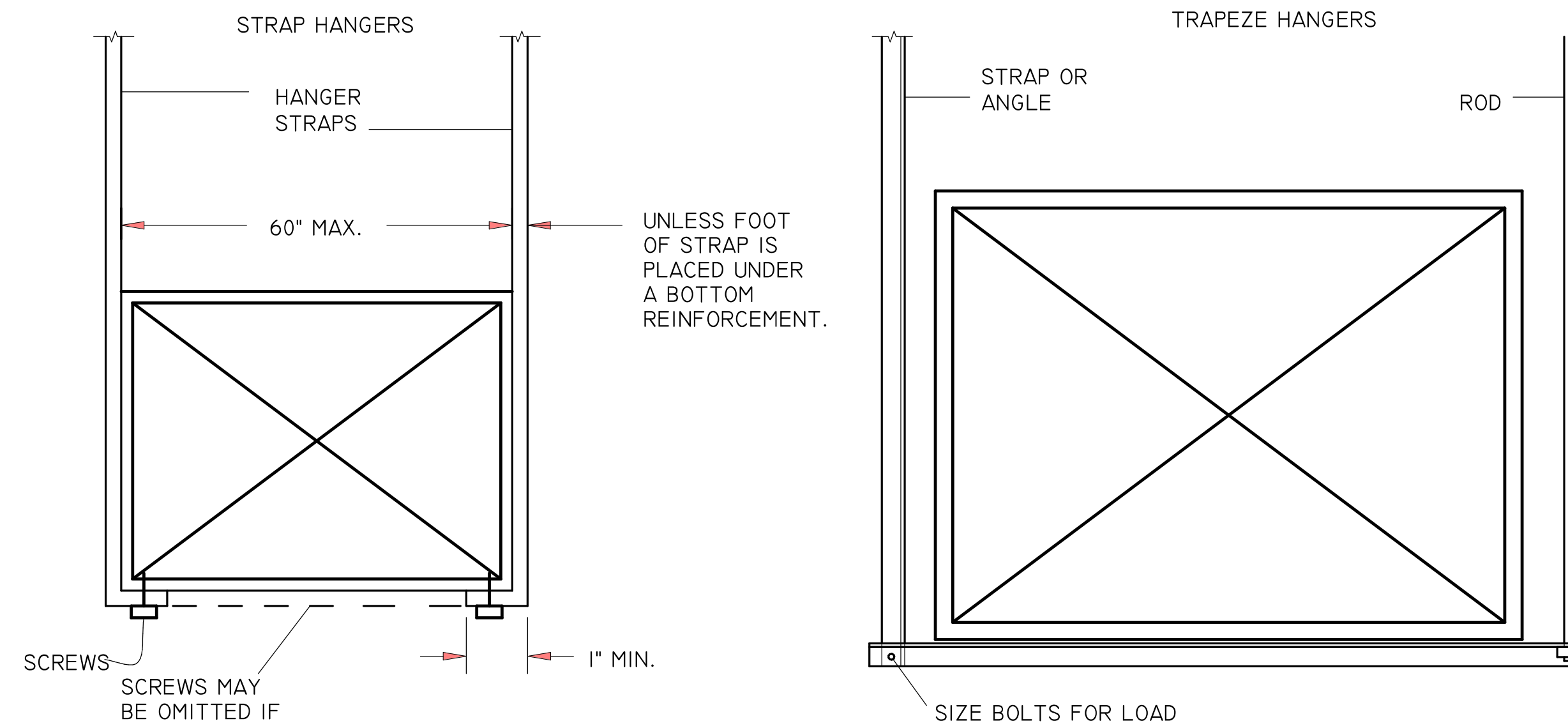
TYPICAL BRANCH DUCT TAKEOFF

NOT TO SCALE



CABINET EXHAUST FAN DETAIL

NOT TO SCALE



RECTANGULAR DUCT HANGERS MINIMUM SIZE								
MAXIMUM HALF OF DUCT PERIMETER	PAIR AT 10FT SPACING		PAIR AT 8FT SPACING		PAIR AT 5FT SPACING		PAIR AT 4FT SPACING	
	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD
P/2 = 30"	1" X 22 GA.	10 GA.	1" X 22 GA.	10 GA.	1" X 22 GA.	12 GA.	1" X 22 GA.	12 GA.
P/2 = 72"	1" X 18 GA.	3/8"	1" X 20 GA.	1/4"	1" X 22 GA.	1/4"	1" X 22 GA.	1/4"
P/2 = 96"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"	1" X 20 GA.	3/8"	1" X 22 GA.	1/4"
P/2 = 120"	1 1/2" X 16 GA.	1/2"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"	1" X 20 GA.	1/4"
P/2 = 168"	1 1/2" X 16 GA.	1/2"	1 1/2" X 16 GA.	1/2"	1" X 16 GA.	3/8"	1" X 18 GA.	3/8"
P/2 = 192"	NOT GIVEN	1/2"	1 1/2" X 16 GA.	1/2"	1" X 16 GA.	3/8"	1" X 16 GA.	3/8"
P/2 = 193" UP	SPECIAL ANALYSIS REQUIRED.							
WHEN STRAPS ARE LAP JOINED USE THESE MINIMUM FASTENERS:				SINGLE HANGER MAXIMUM ALLOWABLE LOAD				
				STRAP		WIRE OR ROD (DIA.)		
1" X 18, 20, 22 GA. - TWO #10 OR ONE 1/4" BOLT				1" X 22 GA. - 260 LB.		0.106" - 80 LB.		
1" X 16 GA. - TWO 1/4" DIA.				1" X 20 GA. - 320 LB.		0.135" - 120 LB.		
1 1/2" 16GA. - TWO 3/8" DIA.				1" X 18 GA. - 420 LB.		0.162" - 160 LB.		
PLACE FASTENERS IN SERIES, NOT SIDE BY SIDE.				1" X 16 GA. - 700 LB.		1/4" - 270 LB.		
				1 1/2" X 16 GA. - 1100 LB.		3/8" - 680 LB.		
						1/2" - 1250 LB.		
						5/8" - 2000 LB.		
						3/4" - 3000 LB.		

NOTES:

DIMENSIONS OTHER THAN GAGE ARE IN INCHES.

TABLES ALLOW FOR DUCT WEIGHT, 1LB./SF INSULATION WEIGHT AND NORMAL REINFORCEMENT AND TRAPEZE WEIGHT BUT NO EXTERNAL LOADS. FOR CUSTOM DESIGN OF HANGERS, DESIGNERS MAY CONSULT SMACNA'S RECTANGULAR INDUSTRIAL DUCT STANDARDS.

STRAPS ARE GALVANIZED STEEL. ALL OTHER MATERIALS ARE UNCOATED STEEL.

ALLOWABLE LOADS FOR P/2 ASSUME THAT DUCTS ARE 16 GA. MAX., EXCEPT THAT WHEN MAX. DUCT WIDTH IS OVER 60" THEN P/2 MAX. IS $1.25 \times \text{WIDTH}$
12,10, OR 8 GA WIRE IS STEEL OF BLACK ANNEALED, BRIGHT BASIC, OR GALVANIZED TYPE.

RECTANGULAR DUCT SUPPORT DETAIL

NO SCALE



203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
850.522.0644



W3 Engineering Inc.

110 E. WRIGHT ST.
PENSACOLA, FL 32501
T: (850)629-8270
F: (888)478-4898
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EXHAUST FAN SCHEDULE

MARK	DRIVE TYPE	EXHAUST AIR FLOW	E.S.P	MAX RPM	OUTLET SONES	ELECTRICAL DATA				DESCRIPTION
						MOTOR HP	VOLTAGE	PHASE	HZ	
EF-1	DIRECT / CABINET	375	0.50 IN-WG	1080	2.6	0.14	115	1	60	BASIS OF DESIGN: GREENHECK CSP-A710; INTERLOCK W/ LIGHT SWITCH AND 15MIN OFF DELAY.
EF-2	DIRECT / CABINET	375	0.50 IN-WG	1080	2.6	0.14	115	1	60	BASIS OF DESIGN: GREENHECK CSP-A710; INTERLOCK W/ LIGHT SWITCH AND 15MIN OFF DELAY.

NOTES:

-- ALL EXHAUST FANS SHALL BE INSTALLED WITH FLEXIBLE DUCT CONNECTION, VIBRATION ISOLATORS, AND FLEXIBLE CONDUIT, FAN SHALL NOT BE IN CONTACT WITH ANY OTHER DUCT, PIPING, CONDUIT, OR STRUCTURAL MEMBERS.

-- FANS SHALL BE PROVIDED WITH BACKDRAFT DAMPERS.

-- ALL DIRECT DRIVE FANS WITH MOTORS LESS THAN 1/2 HP SHALL BE PROVIDED WITH AN ADJUSTABLE ELECTRONIC SPEED CONTROLLER.

DIFFUSER AND REGISTER SCHEDULE

MARK	MIN. FLOW	MAX. FLOW	DUCT CONNECTION SIZE	AIR DEVICE SIZE	DESCRIPTION
F	0	480	12" x 12"	12" x 12"	SINGLE DEFLECTION 1/2" BLADE SPACING RETURN/EXHAUST GRILLE; BASIS OF DESIGN: 55FL
G	60	340	12" x 8"	12" x 8"	3/4" BLADE SPACING, 35 DEGREE DEFLECTION, WALL RETURN GRILLE; BASIS OF DESIGN: TITUS 350R

NOTES:

- PROVIDE 24"x24" LAY IN PANEL FOR LAY IN TYPE CEILINGS. PROVIDE PLASTER FRAME FOR AIR DEVICES IN GYP. BOARD CEILINGS.
- PROVIDE AIR DEVICE WITH DUCT CONNECTION SHOWN ON SCHEDULE UNLESS OTHERWISE NOTED ON PLANS.
- MAXIMUM NC FOR DEVICES IS 20.
- PROVIDE BOWDEN CABLE SYSTEM FOR BALANCING DAMPERS WHERE DAMPERS ARE LOCATED ABOVE GYP. BOARD CEILINGS.
- PROVIDE REGISTERS WITH BALANCING DAMPERS.
- CONTRACTOR SHALL PROVIDE ADDITIONAL BALANCING DAMPERS EACH BRANCH OF RETURN/EXHAUST DUCT AS REQUIRED FOR BALANCING SYSTEM.

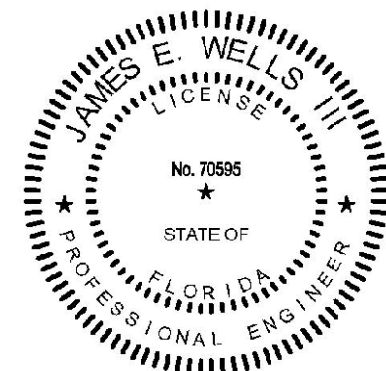
UNIT HEATER SCHEDULE

MARK	AIR FLOW (CFM)	ELECTRICAL DATA				DESCRIPTION
		KW	VOLTAGE	PHASE	AMPS	
UH-1	350	3	24.0	I	12.5	BASIS OF DESIGN: MARLEY MUH052I
UH-2	350	3	24.0	I	12.5	BASIS OF DESIGN: MARLEY MUH052I
UH-3	350	3	24.0	I	12.5	BASIS OF DESIGN: MARLEY MUH052I
UH-4	350	3	24.0	I	12.5	BASIS OF DESIGN: MARLEY MUH052I

NOTES:

-- HEATER SHALL BE A PROPELLER FAN UNIT. COMPLETELY FACTORY ASSEMBLED AND WIRED. UNIT SHALL BE PROVIDED WITH THERMOSTAT. UNIT SHALL COME WITH TRANSFORMER, RELAYS, AND SAFETIES.

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HVAC SCHEDULES

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M-601

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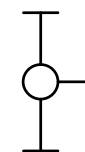
E

D

C

B

A

ELECTRICAL SPECIFICATIONS		ELECTRICAL ABBREVIATIONS	
<u>SECTION 26 0511 - REQUIREMENTS FOR ELECTRICAL INSTALLATIONS</u> A. ALL ELECTRICAL WORK SHALL CONFORM WITH ALL STATE AND LOCAL CODES AND STANDARDS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: 1. FLORIDA BUILDING CODE (2023) 2. NFPA 70 NATIONAL ELECTRICAL CODE (2020) B. WHEREVER CONFLICTS OCCUR, MORE STRINGENT CODES SHALL APPLY. C. ALL MATERIALS AND EQUIPMENT SHALL BE LISTED, LABELED OR CERTIFIED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) TO MEET UNDERWRITERS LABORATORIES, INC. (UL), STANDARDS WHERE TEST STANDARDS HAVE BEEN ESTABLISHED. D. COORDINATE LOCATION OF EQUIPMENT AND CONDUIT WITH OTHER TRADES AND EQUIPMENT VENDORS TO MINIMIZE INTERFERENCE. E. ELECTRICAL IDENTIFICATION: 1. COLOR-CODED TAPE SHALL BE 3M COMPANY "SCOTCH 35" VINYL PLASTIC ELECTRICAL TAPE. 2. IDENTIFY PHASE OF EACH CONDUCTOR AT EACH PULL BOX, JUNCTION BOX AND AT EACH OUTLET WITH PERMANENTLY ATTACHED, WRAP AROUND, ADHESIVE MARKERS, WITH AN APPROPRIATE NUMBER OR LETTER THAT WILL EXPEDITE FUTURE TRACING AND TROUBLE SHOOTING. 3. PROVIDE NAMEPLATE MOUNTED ON ALL ELECTRICAL EQUIPMENT (I.E. PANELBOARDS, DISCONNECTS, ETC) INDICATING THE EQUIPMENT DESIGNATION AS SHOWN ON DRAWINGS AND THE EQUIPMENT DESIGNATION SERVING THE EQUIPMENT (I.E. SERVED FROM PANEL PA). 4. IDENTIFICATION NAMEPLATES SHALL BE LAMINATED BLACK PHENOLIC RESIN WITH A WHITE CORE WITH ENGRAVED LETTERING. LETTERING SHALL BE A MINIMUM OF ½ INCH HIGH. F. ALL HANGARS, SUPPORTS AND FASTENING DEVICES (I.E. SCREWS, BOLTS, NUTS, WASHERS, ETC) IN AREAS WITH EXPOSURE TO THE MARINE ENVIRONMENT SHALL BE STAINLESS STEEL. GALVANIZED STEEL OR ALUMINUM IS NOT PERMITTED. G. WORKING CLEARANCES SHALL NOT BE LESS THAN SPECIFIED IN THE NEC. <u>SECTION 26 0519 - LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES</u> A. CONDUCTOR SIZES (AND ASSOCIATED CONDUIT SIZES) IN THESE CONTRACT DOCUMENTS ARE BASED ON THE USE OF COPPER WIRE APPLIED AT 75 DEG. C RATING. ONLY COPPER WIRE SHALL BE USED. B. BUILDING WIRE SHALL BE TYPE THHN/THWN SINGLE CONDUCTOR INSULATED COPPER WIRE RATED FOR 600 VOLTS, RATED 90 DEGREES C DRY/75 DEGREES C WET. WIRE NO. 12 AND SMALLER MAY BE SOLID OR STRANDED AND WIRE NO. 10 AND LARGER SHALL BE STRANDED ONLY. PROVIDE STRANDED CONDUCTORS WHERE CONDUCTORS TERMINATE IN CRIMP TYPE LUGS. WIRING CONNECTORS SHALL BE SPRING WIRE CONNECTORS: UL 486C; RATED FOR 600 VOLTS, 105 DEG. C. C. LIMIT BRANCH CIRCUITS TO 3 CURRENT-CARRYING CONDUCTORS PER CONDUIT IN ACCORDANCE WITH NEC 310-15(B)(2)(A). FOR 20A CIRCUITS OF ALTERNATING PHASES, 4 CURRENT CARRYING CONDUCTORS MAY BE PERMITTED IN A RACEWAY. MINIMUM CONDUCTOR SIZES SHALL BE NO. 12 FOR BRANCH CIRCUITS OF ANY KIND. D. COLOR CODE POWER WIRING AS FOLLOWS: 120/240V: PHASE A - BLACK, PHASE B - RED, NEUTRAL - WHITE, GROUND CONDUCTOR - GREEN E. SHARED NEUTRAL CONDUCTORS (MULTI-WIRE BRANCH CIRCUITS) ARE NOT ALLOWED.	<u>SECTION 26 0526 - GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS</u> A. ALL CONDUIT AND CABLE SYSTEMS SHALL CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR. B. BOND THE EQUIPMENT GROUNDING CONDUCTOR TO EACH PULLBOX, JUNCTION BOX, OUTLET BOX, DEVICE BOX, CABINETS AND OTHER ENCLOSURES THROUGH WHICH THE CONDUCTOR PASSES. C. RECEPTACLES OF ANY AMPERAGE SHALL BE GROUNDING TYPE AND SHALL HAVE SEPARATE GROUNDING CONTACT. INSTALL SEPARATE JUMPER BETWEEN GROUNDING TERMINAL ON DEVICE AND METALLIC BOX. D. MULTIPLE CONDUCTORS IN SINGLE LUG NOT PERMITTED. EACH GROUNDING CONDUCTOR SHALL TERMINATE IN ITS OWN TERMINAL LUG. E. PROVIDE SEPARATE GREEN WIRE GROUND CONDUCTOR FOR EACH BRANCH CIRCUIT AND FEEDER CONDUIT. GROUND CONDUCTORS SHALL BE SIZE AS INDICATED IN NEC, EXCEPT MINIMUM SIZE GROUND CONDUCTOR SHALL BE NO. 12 AWG. F. GROUNDING CONDUCTOR IS IN ADDITION TO NEUTRAL CONDUCTOR AND IN NO CASE SHALL NEUTRAL CONDUCTOR SERVE AS GROUNDING MEANS. <u>SECTION 26 0533 - RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS</u> A. OUTLET, JUNCTION AND PULL BOXES SHALL BE UL-50 AND UL-514A LISTED. B. ALL EXPOSED OUTLET, JUNCTION AND PULL BOXES SHALL BE COPPER FREE, CAST ALUMINUM WITH THREADED HUBS. C. REAM CONDUIT SMOOTH AT ENDS, CAP UPON INSTALLATION, RIGIDLY ATTACH TO STRUCTURAL PARTS OF BUILDING AND SECURELY FASTEN TO OUTLET BOXES, PANEL CABINETS, JUNCTION BOXES, PULL BOXES, SPLICING CHAMBERS, SAFETY SWITCHES AND OTHER COMPONENTS OF THE RACEWAY SYSTEM. D. INTERIOR, CONCEALED CONDUIT WITHIN CONDITIONED SPACES IS PERMITTED TO BE ELECTRICAL METALLIC TUBING (EMT). E. ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC. F. ALL EXTERIOR EXPOSED CONDUIT SHALL BE RIGID ALUMINUM CONDUIT. G. USE LIQUID-TIGHT FLEXIBLE METAL CONDUIT NOT OVER 4 FT IN LENGTH FOR FINAL CONNECTIONS FOR TO EQUIPMENT. <u>SECTION 26 0923 - LIGHTING CONTROL DEVICES</u> A. WALL SWITCHES SHALL BE 20A, 120V, HEAVY DUTY COMMERCIAL GRADE, QUIET TYPE, WHITE COLOR WITH COVERPLATE TO MATCH. B. CORNER MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSORS SHALL BE LOW VOLTAGE TYPE WITH WIDE VIEW DUAL TECHNOLOGY SENSOR, SENSORSWITCH WV PDT 16 SERIES OR EQUAL. PROVIDE POWER PACKS PER MANUFACTURER'S REQUIREMENTS. C. TIME SWITCH (TS) SHALL BE 7-DAY DUSK/DAWN ASTRONOMIC, FOUR CIRCUIT TIME SWITCH, INTERMATIC MODEL ET2845C OR EQUAL, WITH FOUR SINGLE POLE, SINGLE THROW 30A RATED SWITCHES FOR 120V OPERATION IN NEMA 3R, PLASTIC ENCLOSURE. D. THE FUTURE SITE LIGHTING CONTACTOR (LC) SHOWN ON SHEET E-211 SHALL BE ELECTRICALLY HELD, 30A, 8-POLE WITH 120 VAC COIL IN NEMA 3R GENERAL PURPOSE ENCLOSURE. E. MOUNTING HEIGHTS INDICATED ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE.	F. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. <u>SECTION 26 2116 - METERING EQUIPMENT</u> A. METER IS SPECIFIED FOR A UTILITY SERVICE FED FROM A 120/240 VAC, SINGLE PHASE, THREE WIRE SYSTEM. B. METER ENCLOSURE SHALL BE 200 AMP, 600 VAC, RINGLESS TYPE WITH LEVER BYPASS IN ALUMINUM ENCLOSURE. C. METER SOCKETS SHALL BE PROVIDED TO MEET FLORIDA POWER AND LIGHT REQUIREMENTS. <u>SECTION 26 2416 - PANELBOARDS</u> A. BASIS OF DESIGN: 1. PANEL P - LIGHTING AND APPLIANCE PANELBOARD 2. SQUARE D TYPE NQ B. PANELBOARDS SHALL BE UL 50 AND UL 67 LISTED. C. CIRCUIT BREAKERS SHALL BE UL 489 LISTED. D. PANELBOARDS SHALL BE COMPLETELY FACTORY ASSEMBLED WITH MOLDED CASE CIRCUIT BREAKERS AND INTEGRAL ACCESSORIES AS SHOWN IN THE PANEL SCHEDULES. E. PROVIDE PRINTED SCHEDULE OF CIRCUITS IN EACH PANELBOARD. SCHEDULES SHALL REFLECT FINAL LOAD DESCRIPTIONS AND ROOM NUMBERS CONNECTED TO EACH CIRCUIT BREAKER. SCHEDULES SHALL BE PRINTED ON THE PANELBOARD DIRECTORY CARDS AND BE INSTALLED IN THE APPROPRIATE PANELBOARD. F. MOUNT PANELBOARDS SUCH THAT THE MAXIMUM HEIGHT OF THE TOP CIRCUIT BREAKER ABOVE THE FINISHED FLOOR SHALL NOT EXCEED 78 INCHES. G. PROVIDE BLANK COVER FOR EACH UNUSED CIRCUIT BREAKER MOUNTING SPACE. <u>SECTION 26 2726 - WIRING DEVICES</u> A. RECEPTACLES SHALL BE NEMA 5-20R, RATED 20 AMPS, 125 VOLTS AC, BACK AND SIDE WIRED CAPABLE, GRAY COLORED. PUSH-IN TYPE CONNECTIONS ARE NOT PERMITTED. B. RECEPTACLES SHALL BE TAMPER RESISTANT TYPE. C. INTERIOR WALL PLATES SHALL BE STAINLESS STEEL. D. ALL EXTERIOR RECEPTACLES SHALL BE PROVIDED WITH GFI DUPLEX RECEPTACLE INSTALLED IN A WHITE COLORED CAST ALUMINUM BACKBOX WITH THREADED HUBS AND WEATHERPROOF, WHITE COLORED CAST ALUMINUM COVERPLATE WITH SPRING LOADED HINGED COVER. E. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. F. MOUNTING HEIGHTS INDICATED ARE TO CENTER LINE OF DEVICES UNLESS NOTED OTHERWISE. G. TEST EACH RECEPTACLE DEVICE FOR PROPER POLARITY. ADJUST DEVICES AND WALL PLATES TO BE FLUSH AND LEVEL.	A - AMPERES AC - ABOVE CEILING AF - AMPERE FRAME AFCI - ARC FAULT CIRCUIT INTERRUPTER AFF - ABOVE FINISHED FLOOR AIC - AMP INTERRUPTING CAPACITY ALT - ALTERNATE AT - AMPERE TRIP AUTO - AUTOMATIC AWG - AMERICAN WIRE GAUGE BLDG - BUILDING C - CONDUIT CFCI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED CLG - CEILING CT - CURRENT TRANSFORMER DC - DIRECT CURRENT DISC - DISCONNECT EMT - ELECTRICAL METALLIC TUBING FLA - FULL LOAD AMPERES G - GROUND GFCI - GROUND FAULT CIRCUIT INTERRUPTER GFI - GROUND FAULT INTERRUPTER GRC - GALVANIZED RIGID CONDUIT HP - HORSEPOWER JB - JUNCTION BOX KV - KILOVOLT KVA - KILOVOLT-AMPERES KW - KILOWATTS KWH - KILOWATT HOURS LTS - LIGHTS LV - LOW VOLTAGE MCB - MAIN CIRCUIT BREAKER MIN - MINIMUM MLO - MAIN LUGS ONLY MTG - MOUNTING NA - NOT APPLICABLE NC - NORMALLY CLOSED NO - NORMALLY OPEN OFCI - OWNER FURNISHED CONTRACTOR INSTALLED OFOI - OWNER FURNISHED OWNER INSTALLED P - POLE PC - PHOTOCELL PF - POWER FACTOR PH - PHASE PVC - POLYVINYL CHLORIDE REC - RECEPTACLE SPD - SURGE PROTECTIVE DEVICE TR - TAMPER RESISTANT TV - TELEVISION TYP - TYPICAL UC - UNDER COUNTER UG - UNDERGROUND UNO - UNLESS NOTED OTHERWISE V - VOLTAGE W/ - WITH WP - WEATHERPROOF
ELECTRICAL LEGEND			
	CORNER MOUNTED LUMINAIRE		UTILITY METER
	WALL SCONCE TYPE LUMINAIRE		SURFACE MOUNTED PANELBOARD
	SINGLE POLE WALL SWITCH		SURGE PROTECTIVE DEVICE
	CORNER WALL MOUNTED, LOW VOLTAGE DUAL TECHNOLOGY OCCUPANCY SENSOR		FIXED EQUIPMENT CONNECTION
	OCCUPANCY SENSOR POWER PACK		TIME SWITCH
	DUPLEX RECEPTACLE (NEMA 5-20R)		LIGHTING CONTACTOR
	KEYED NOTE		CONNECTION TO 120V HEAT TRACE
	GROUND ROD		WIRING
			

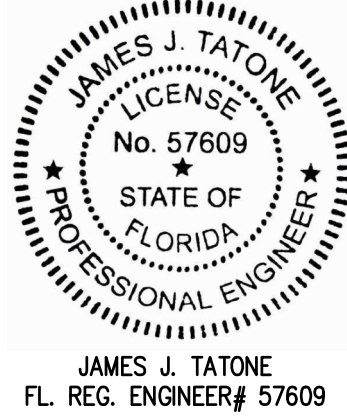


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PANAMA CITY, FL 32405
850.522.0644



NAVARRE BEACH
PARKING LOT AND RESTROOM-
SANTA ROSA COUNTY, FLORIDA

SEAL



JAMES J. TATONE
FL. REG. ENGINEER # 57609

FINAL BID DOCUMENTS

SCALE

AS SHOWN

REVISIONS

2	FWC COMMENTS	01/23/26

NO. DESCRIPTION DATE

DRAWN BY JLB
APPROVED BY JJT
CHECKED BY JJT
DATE AUGUST 2025

TITLE

LEGEND,
ABBREVIATIONS AND
SPECIFICATIONS

PROJECT NO. 50182809

E-001

SHEET NO. 1 of 3

1

2

3

4

5



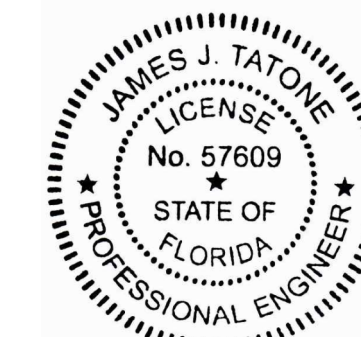
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PANAMA CITY, FL 32405
850.522.0644



ENGINEERING, INC
3 W GARDEN ST, STE 414
PENSACOLA, FL 32502
PHONE: (850) 455-5540
FL AUTHORIZATION #31884

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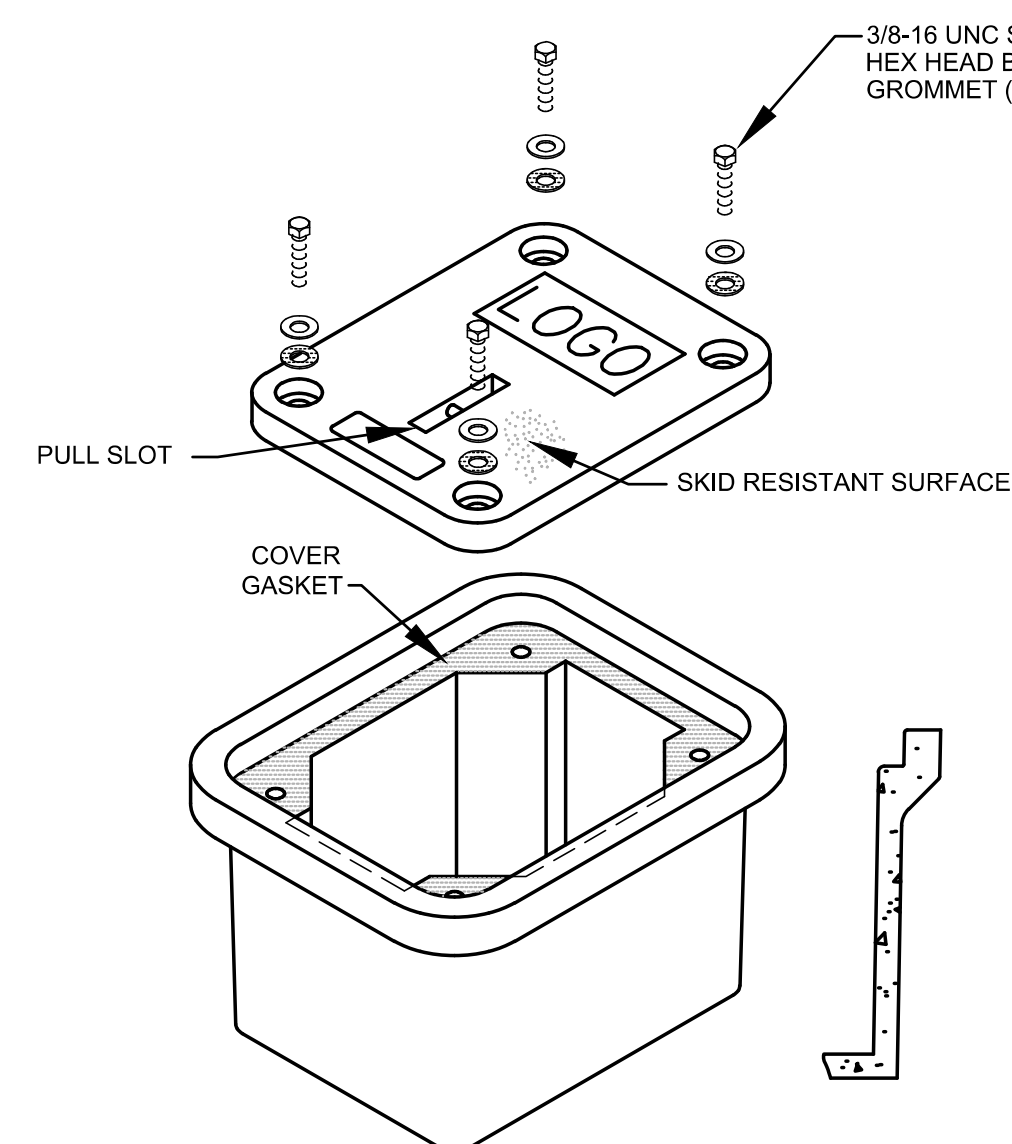
TITLE

SITE PLAN

PROJECT NO.	50182809
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E-101

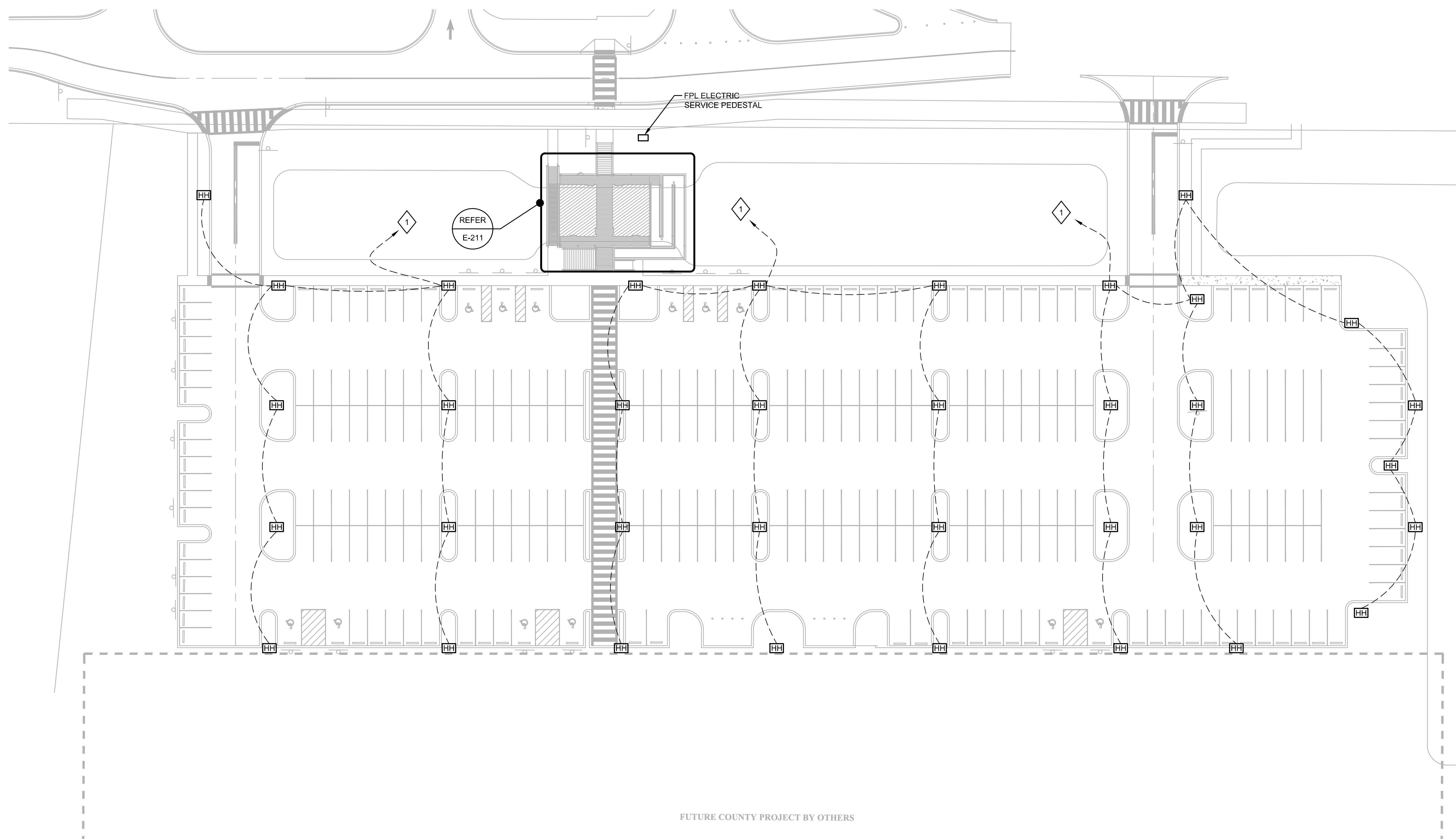
SHEET NO.



HAND HOLE NOTES:

1. ALL HAND HOLES SHALL BE 10"X 12" X 8"D QUAZITE WITH HEAVY DUTY COVERS RATED FOR 15,000 LB. LOADING OVER 10' X 10' AREA.
2. PROVIDE 6" GRAVEL BASE FOR ALL HAND HOLES UNLESS NOTED OTHERWISE.
3. LABEL COVER OF HAND HOLES "POWER".
4. HAND HOLES SHALL BE WATER TIGHT.
5. TOP OF HAND HOLE SHALL BE 1/4"- 1/2" ABOVE FINISH GRADE.

2 HANDHOLE DETAIL



1 OVERALL SITE PLAN

SCALE: 1" = 30' 0 15' 30' 60'



2 REVISED ENTIRE SHEET

E

D

C

B

A

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Deck	Illuminance	Fc	0.47	1.0	0.1	4.70	10.00
Deck at South Stairs	Illuminance	Fc	1.81	7.8	0.0	N.A.	N.A.
East Ramp	Illuminance	Fc	0.74	4.4	0.1	7.40	44.00
West Ramp	Illuminance	Fc	0.59	1.7	0.1	5.90	17.00
Lower Ramp	Illuminance	Fc	0.82	2.7	0.1	8.20	27.00
North Stair	Illuminance	Fc	0.29	0.9	0.0	N.A.	N.A.
South Stair	Illuminance	Fc	0.43	1.5	0.0	N.A.	N.A.

LUMINAIRE LEGEND

- RAMP AND STAIR LUMINAIRE
○ WALL MOUNTED BUILDING LUMINAIRE

GENERAL NOTES

1. SEE SHEET E-113 FOR BASIS OF DESIGN MANUFACTURER'S LUMINAIRE CUT SHEETS.

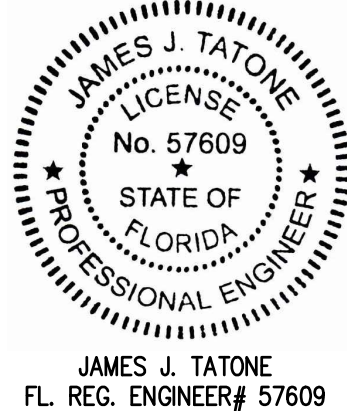


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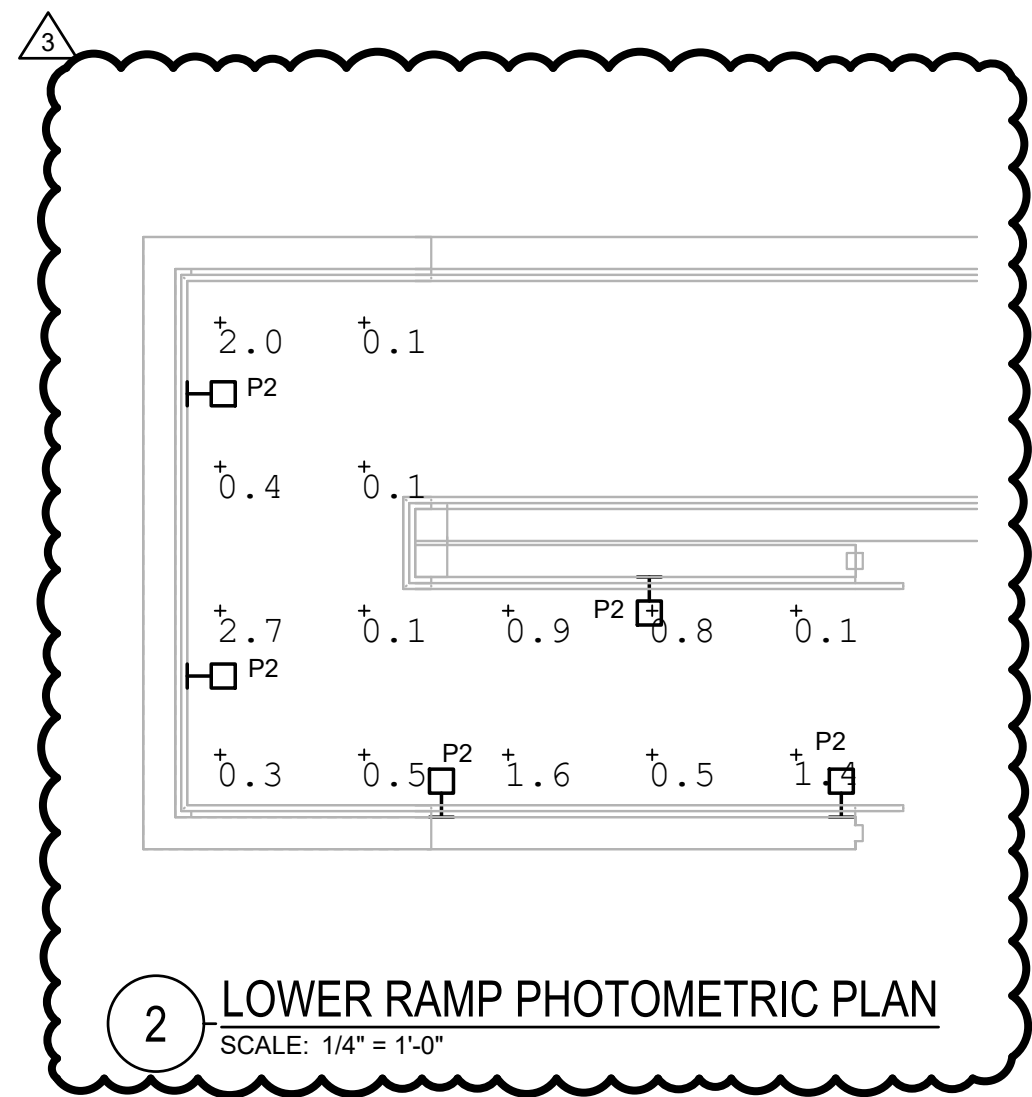
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BUILDING AREA
PHOTOMETRIC PLAN

PROJECT NO. 50182809

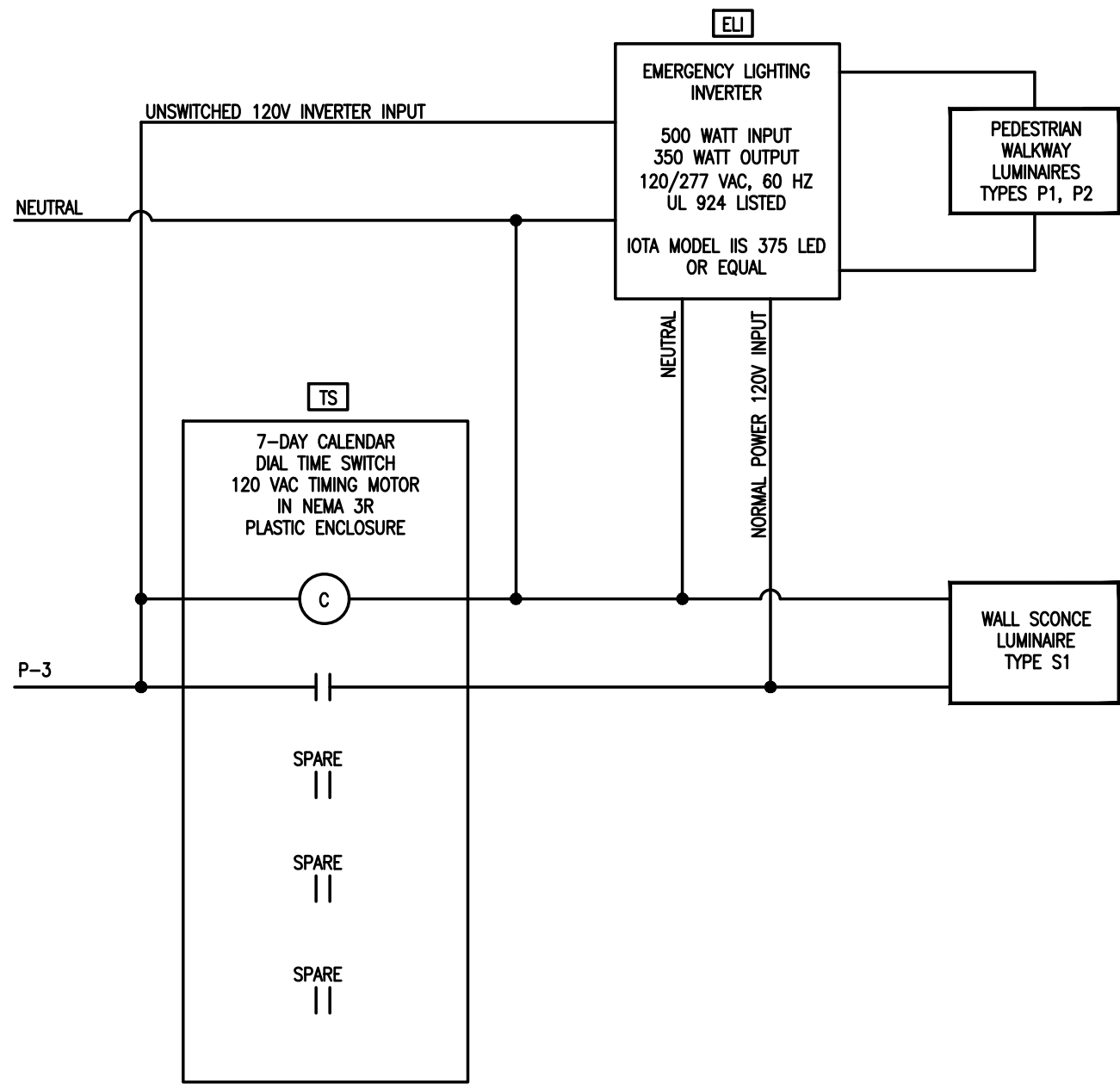
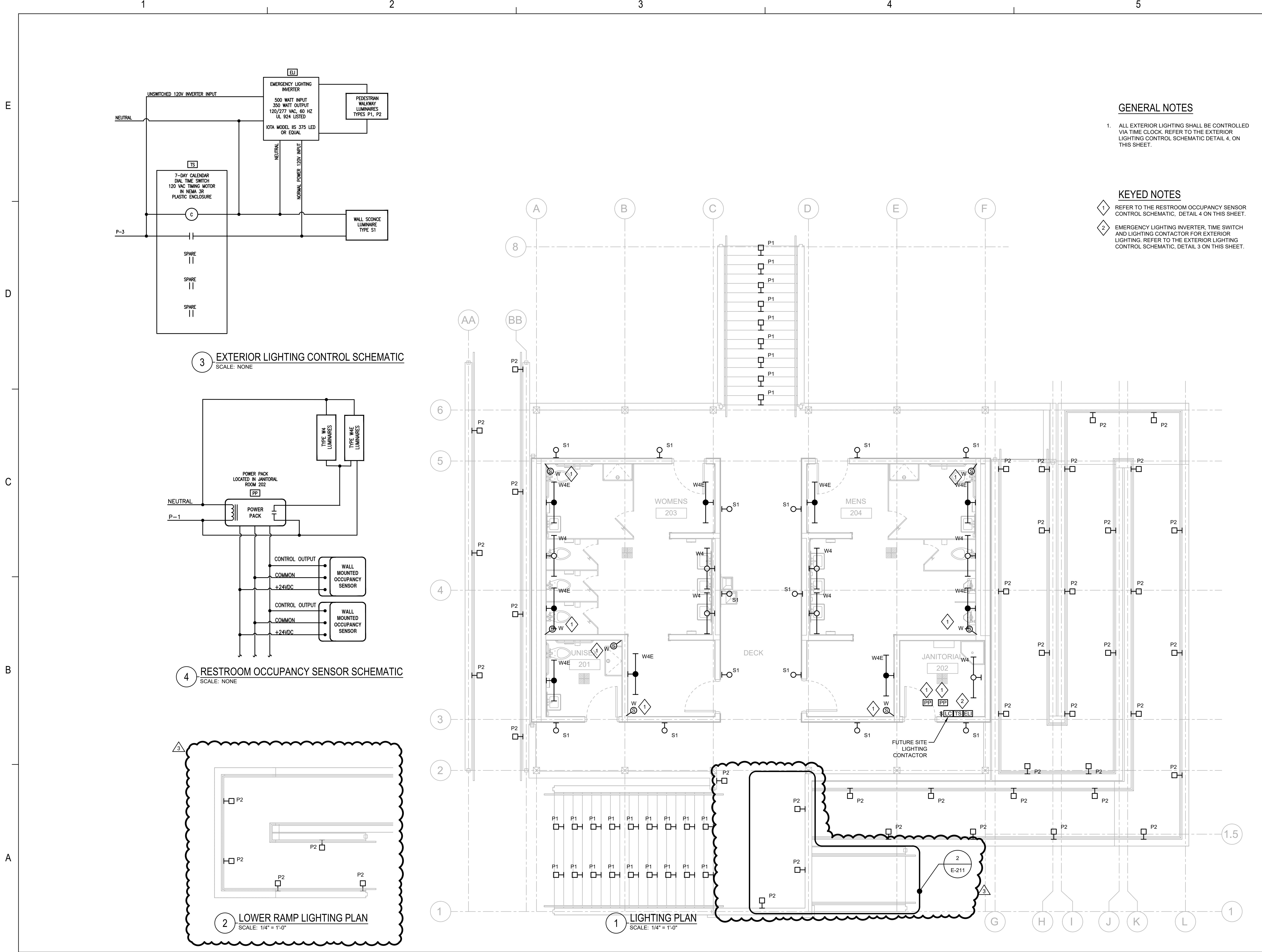
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SHEET NO.

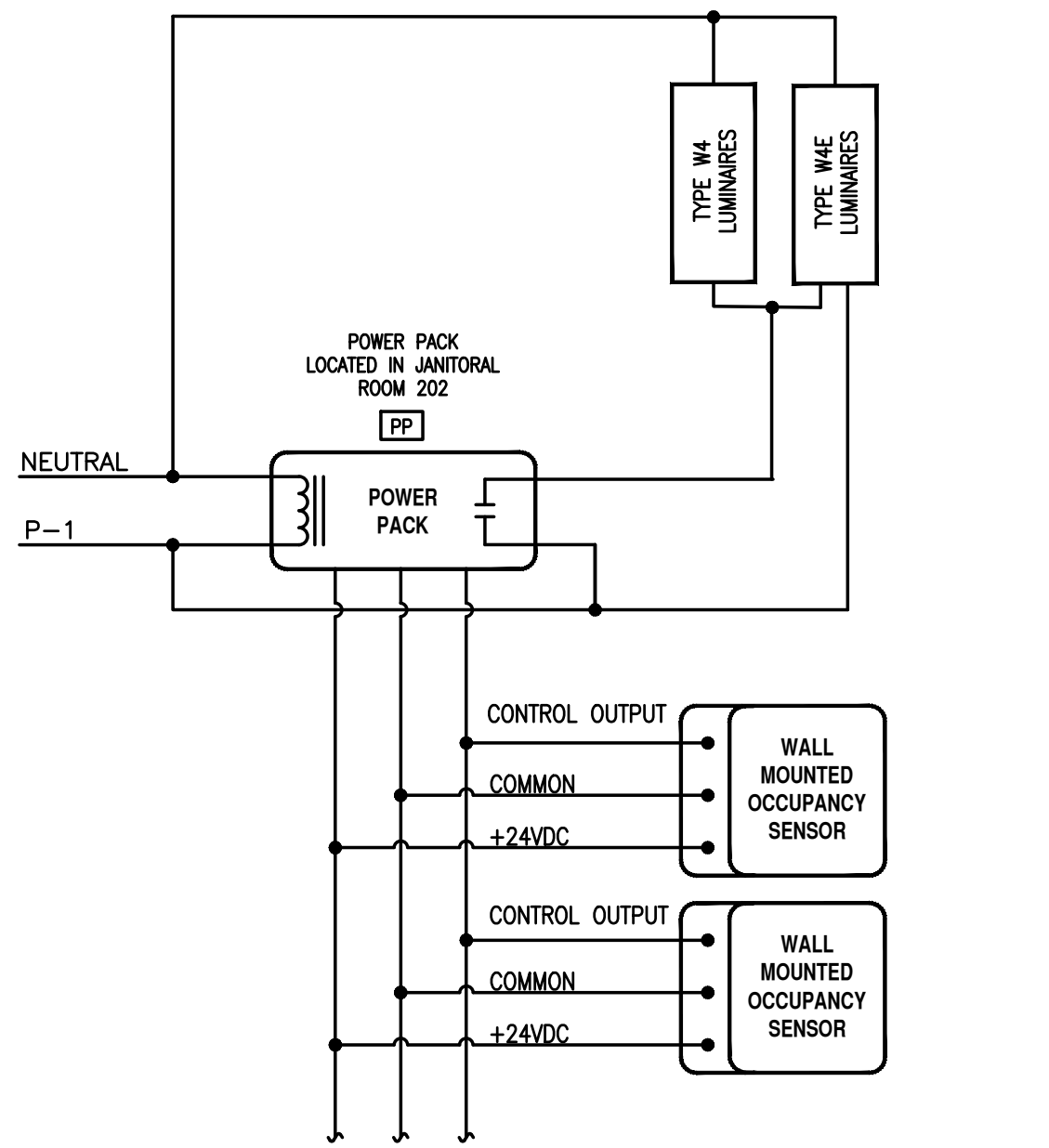


1 BUILDING AREA PHOTOMETRIC PLAN
SCALE: 1/4" = 1'-0"

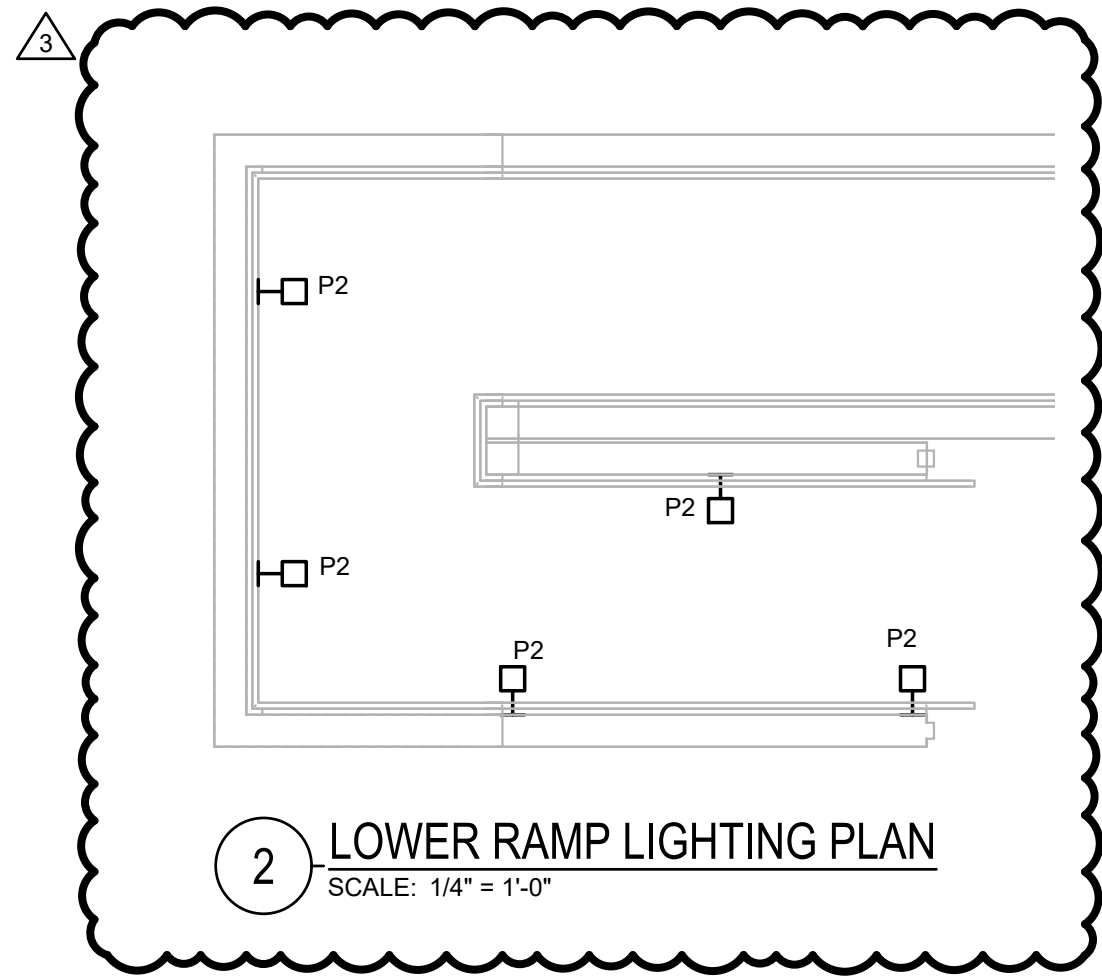




3 EXTERIOR LIGHTING CONTROL SCHEMATIC
SCALE: NONE



4 RESTROOM OCCUPANCY SENSOR SCHEMATIC
SCALE: NONE



2 LOWER RAMP LIGHTING PLAN
SCALE: 1/4" = 1'-0"

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

GENERAL NOTES

1. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED VIA TIME CLOCK. REFER TO THE EXTERIOR LIGHTING CONTROL SCHEMATIC DETAIL 4, ON THIS SHEET.

KEYED NOTES

- 1 REFER TO THE RESTROOM OCCUPANCY SENSOR CONTROL SCHEMATIC, DETAIL 4 ON THIS SHEET.
- 2 EMERGENCY LIGHTING INVERTER, TIME SWITCH AND LIGHTING CONTACTOR FOR EXTERIOR LIGHTING. REFER TO THE EXTERIOR LIGHTING CONTROL SCHEMATIC, DETAIL 3 ON THIS SHEET.

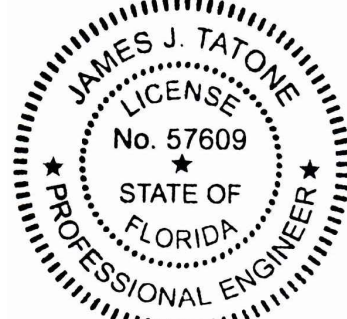


203 ABERDEEN PARKWAY
PANAMA CITY, FL 32405
850.522.0644



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FL. REG. ENGINEER# 57609

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3	FWC COMMENTS	07/16/26

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TITLE

LIGHTING PLAN

PROJECT NO. 50182809

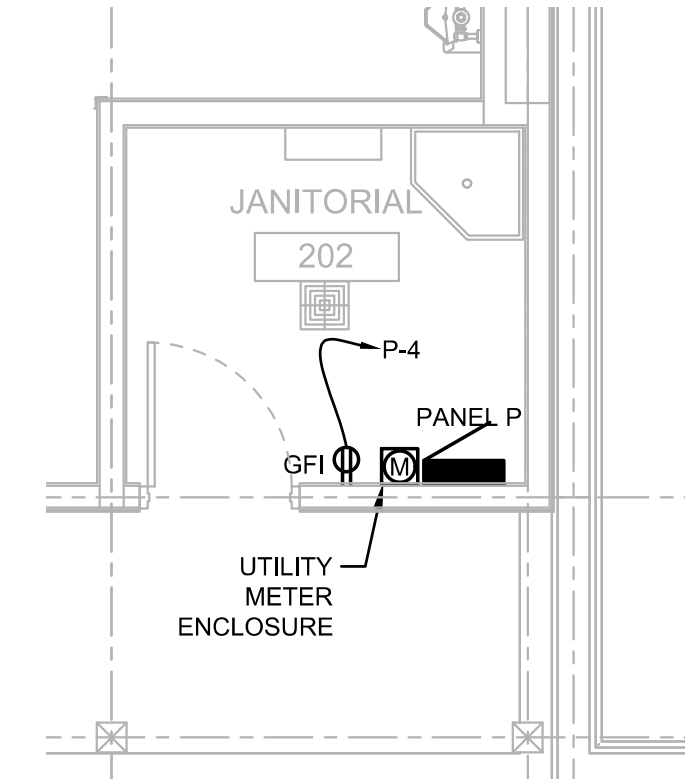
E-211

SHEET NO.

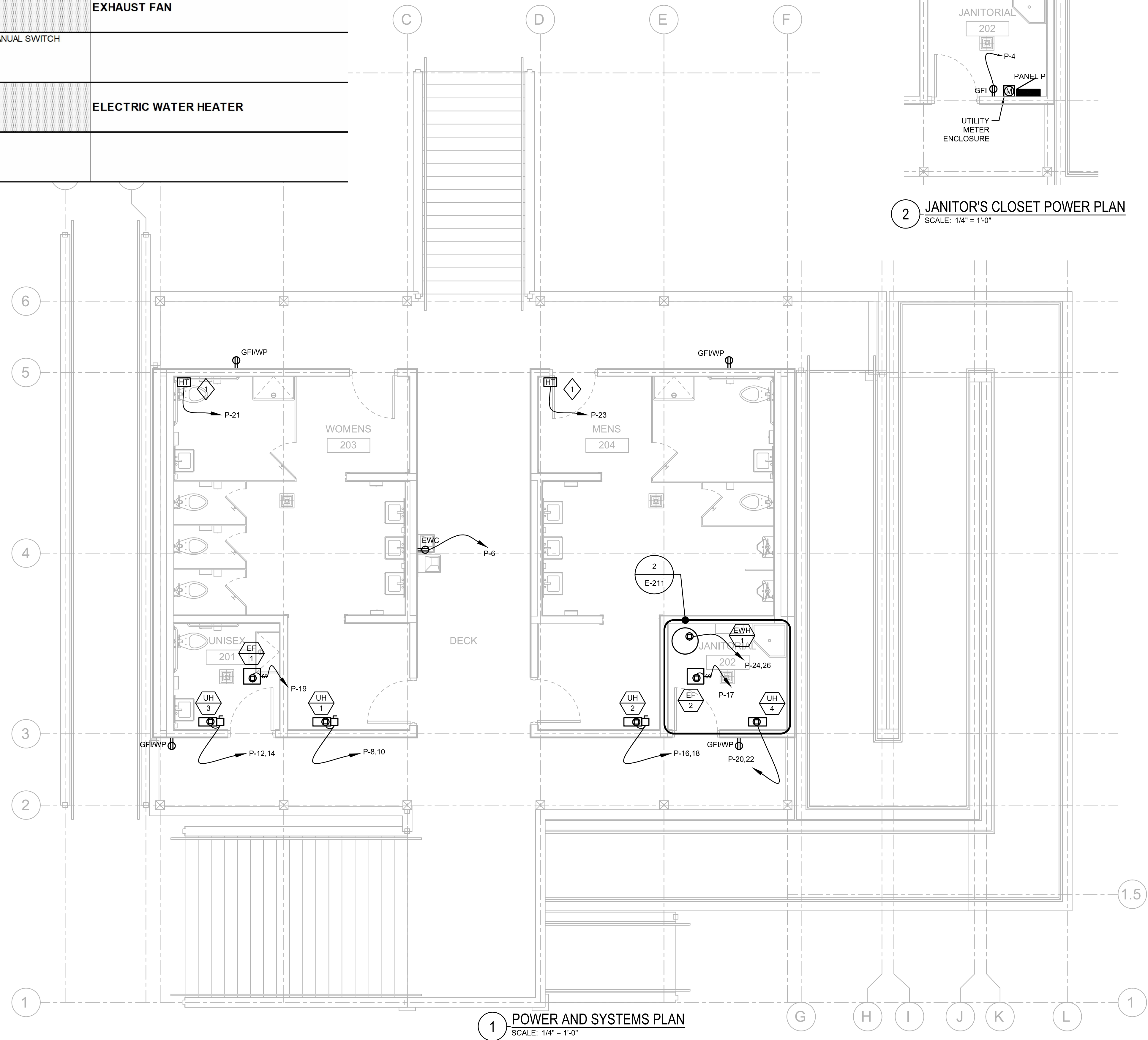
TAG	HP (KW)	VOLTS	FLA (MCA)	MOPP	PHASE	KVA	SPECIFIED UNDER DIVISION 26 - ELECTRICAL	REMARKS
								UNIT HEATER
1 thru 3	(5.0)	240	20.8	30	1	5.0	PROVIDE 30A, 2-POLE NON-FUSED DISCONNECT IN NEMA 1 ENCLOSURE	
4	(5.0)	240	20.8	30	1	5.0		
								EXHAUST FAN
1 and 2	0.1	120	1.2	15	1	0.1	PROVIDE 20A, 1P MANUAL SWITCH	
								ELECTRIC WATER HEATER
1	(4.5)	240	18.6	30	1	4.5		

1. ALL EXTERIOR RECEPTACLES SHALL BE SERVED FROM PANEL P, CIRCUIT 2, UNLESS NOTED OTHERWISE.

1 PROVIDE 120V CONNECTION TO HEAT TRACE FOR THE DOMESTIC COLD WATER PIPING ROUTED UNDER THE BUILDING AS SPECIFIED ON THE PLUMBING DRAWING, SHEET P-101. FIELD COORDINATE CONNECTION LOCATION WITH PLUMBING CONTRACTOR.

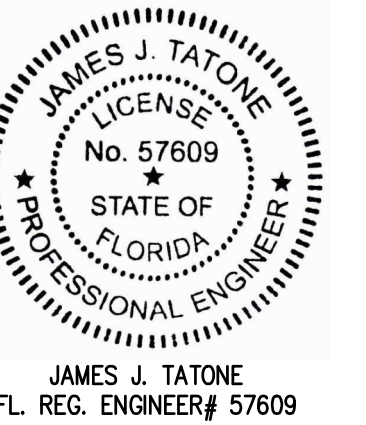


2 JANITOR'S CLOSET POWER PLAN



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NO.	DESCRIPTION	DATE
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DATE AUGUST 2025

TITLE

POWER AND SYSTEMS PLAN

PROJECT NO.	50182809
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E-221

SHEET NO.

