



CIVIL GENERAL NOTES:

MISCELLANEOUS

- 1. EXISTING SITE CONDITIONS SHOWN ARE BASED ON A TOPOGRAPHIC SURVEY PROVIDED BY BOWMAN CONSULTING GROUP LTD. INC. (DATED NOVEMBER 8, 2024). THE CONTRACTOR SHALL FIELD VERIFY EXISTING SITE INFORMATION SHOWN ON THE SURVEY AND CONSTRUCTION DRAWINGS PRIOR TO CONSTRUCTION. ERRORS RESULTING FROM THE USE OF THE SURVEY INFORMATION SHALL NOT BE THE RESPONSIBILITY OF THE OWNER OR BRPH. DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER'S AND OWNER'S ATTENTION IMMEDIATELY UPON DISCOVERY. UPON COMPLETION, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS THAT COMPLY WITH MARTIN COUNTY REQUIREMENTS.
2. THESE DRAWINGS SHOW INFORMATION OBTAINED FROM THE BEST AVAILABLE RECORDS REGARDING PIPES, CONDUITS, AND OTHER STRUCTURES AND CONDITIONS WHICH EXIST ALONG THE LINES OF WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF SAID INFORMATION, BEING SHOWN ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO SHALL VERIFY THE INFORMATION GIVEN TO HIS OWN SATISFACTION. IF THE CONTRACTOR RELIES ON SAID INFORMATION, HE DOES SO AT HIS OWN RISK. THE GIVING OF THE INFORMATION ON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, AND OTHER STRUCTURES.
3. CONTRACTOR SHALL REFER TO AND CONFIRM RECOMMENDATIONS AND FINDINGS AS SET FORTH IN THE GEOTECHNICAL REPORT BY TS/FGEO, DATED DECEMBER 4, 2024. THE OWNER AND ENGINEER ACCEPT NO RESPONSIBILITY FOR THE ACCURACY OF THE FINDINGS OR FOR THE FINAL RECOMMENDATIONS. CONTACT OWNER OR ENGINEER FOR INSTRUCTIONS PRIOR TO THE CONTINUATION OF WORK SHOULD ANY UNUSUAL CONDITIONS BECOME APPARENT DURING GRADING OR FOUNDATION CONSTRUCTION.
4. WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS CONSISTING OF THESE DRAWINGS AND SEPARATELY BOUND TECHNICAL SPECIFICATIONS. ALL WORK SHALL BE IN COMPLETE ACCORDANCE WITH ALL APPLICABLE CITY, COUNTY, STATE OR FEDERAL REGULATIONS AND/OR CODES. THE CONTRACTOR MUST COMPLY WITH THE CONTRACTOR REQUIREMENTS OF ALL GOVERNING AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND LICENSES REQUIRED PRIOR TO INITIATING WORK.
5. THE SPECIFICATIONS, NOTES, AND PLANS CALL ATTENTION TO CERTAIN REQUIRED FEATURES OF THE CONSTRUCTION, BUT DO NOT PURPORT TO COVER ALL DETAILS OF DESIGN AND CONSTRUCTION. HOWEVER, THE CONTRACTOR SHALL FURNISH AND INSTALL THE WORK IN ALL DETAILS IN ITS ENTIRETY AND HAVE IT READY FOR OPERATION.
6. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING ERRORS AFTER THE START OF CONSTRUCTION WHICH HAVE NOT BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER. THE MEANS OF CORRECTING ERRORS SHALL FIRST BE REVIEWED BY THE ENGINEER AND OWNER. DISCREPANCIES BETWEEN PORTIONS OF THE CONTRACT DOCUMENTS ARE NOT INTENDED. THE CONTRACTOR IS TO CLARIFY WITH THE ENGINEER AND OWNER SUCH DISCREPANCIES PRIOR TO COMMENCING WORK.
7. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING HORIZONTAL AND VERTICAL CONTROL FOR SITE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF SURVEY MONUMENTS. DISTURBED SURVEY MONUMENTS SHALL BE REPLACED BY A SURVEYOR LICENSED IN THE STATE OF FLORIDA.
8. WORK SHALL BE PERFORMED IN A SAFE MANNER. SAFETY RULES AS STATED IN THE GUIDELINES OF O.S.H.A. SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR INJURIES OF HIS EMPLOYEES, AND DAMAGE TO PRIVATE PROPERTY OR INJURIES OF PERSONS DURING THE COURSE OF THIS PROJECT. COSTS ASSOCIATED WITH COMPLYING WITH O.S.H.A. REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT MUST BE INCLUDED IN THE CONTRACTOR'S BID.
9. TRENCHES EXCEEDING 5 FEET IN DEPTH SHALL COMPLY WITH SECTION 553.64 OF FLORIDA STATUTES.
10. CONTRACTOR SHALL OBTAIN REQUIRED DEWATERING PERMITS FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) AND MARTIN COUNTY PRIOR TO ANY OFF-SITE DISCHARGE. DEWATERING OPERATIONS MUST BE COORDINATED WITH OWNER AND ENGINEER PRIOR TO APPLYING FOR WATER USE PERMIT FROM SFWMD AND MARTIN COUNTY WITHIN A SUFFICIENT AMOUNT OF TIME TO AVOID DELAYS IN CONSTRUCTION.
11. THE CONTRACTOR SHALL REVIEW THE SITE CONDITIONS PRIOR TO THE BID PROCESS TO DETERMINE THE METHODS AND EXTENT OF DEWATERING (IF GROUND WATER IS ENCOUNTERED) AND SHALL INCLUDE METHODS AND COSTS ASSOCIATED WITH DEWATERING IN THE BID.
12. CONSTRUCTION SHALL COMPLY WITH REGULATIONS OF AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL KEEP A COPY ON-SITE OF PROJECT PERMITS AND APPROVED DRAWINGS. APPLICABLE PERMITS SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
13. GUARANTEE - MATERIAL AND EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR UNDER THIS CONTRACT SHALL BE GUARANTEED PER CONTRACT DOCUMENTS FROM THE DATE OF FINAL ACCEPTANCE THEREOF, AGAINST DEFECTIVE MATERIALS, DESIGN AND WORKMANSHIP. UPON RECEIPT OF NOTICE FROM THE OWNER OF FAILURE OF ANY PART OF THE GUARANTEED EQUIPMENT OR MATERIALS, DURING THE GUARANTEE PERIOD, THE AFFECTED PART, PARTS OR MATERIALS SHALL BE PREPARED OR REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER. IN THE EVENT THE CONTRACTOR FAILS TO MAKE THE NECESSARY REPLACEMENT FOR REPAIRS WITHIN SEVEN DAYS AFTER NOTIFICATION BY THE OWNER, THE OWNER MAY ACCOMPLISH THE WORK AT THE EXPENSE OF THE CONTRACTOR.
14. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.
15. SEQUENCE OF CONSTRUCTION - THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT UNDERGROUND INSTALLATION OF EVERY KIND THAT ARE BENEATH THE PAVEMENT SHALL BE IN PLACE AND HAVE PROPER DENSITY AND QUALITY CONTROL/ASSURANCE TESTING PRIOR TO THE CONSTRUCTION AND COMPACTION OF THE SUBGRADE.
16. THE CONTRACTOR SHALL MAKE THE PROJECT SITE AVAILABLE FOR REVIEW AND INSPECTION TO APPLICABLE REGULATORY AGENCIES, ENGINEERING PERSONNEL AND OWNER REPRESENTATIVES.
17. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR WILL COORDINATE HIS ACTIVITIES WITH THE UTILITY COMPANIES SERVING THIS AREA. CONTRACTOR IS TO COORDINATE FULLY WITH UTILITY COMPANIES ON EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION AND/OR CONSTRUCTION.
18. THE CONTRACTOR SHALL COORDINATE REQUIRED INSPECTIONS BY APPLICABLE AHJS DURING CONSTRUCTION.
19. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION PHASING WITH OWNER AND AFFECTED UTILITY COMPANIES.
20. IN THE EVENT OF INCONSISTENCIES BETWEEN PARTS OF THE CONTRACT DOCUMENTS OR BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES AND ORDINANCES, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY AND/OR GREATER QUANTITY OF WORK, OR COMPLY WITH THE MORE STRINGENT REQUIREMENT; EITHER OR BOTH IN ACCORDANCE WITH THE ENGINEER'S INTERPRETATION. TECHNICAL SPECIFICATIONS TAKE PRIORITY OVER GENERAL SPECIFICATIONS AND DETAIL DRAWINGS TAKE PRECEDENCE OVER GENERAL DRAWINGS. ANY WORK SHOWN ON ONE DRAWING SHALL BE CONSTRUED TO BE SHOWN IN ALL DRAWINGS AND THE CONTRACTOR WILL COORDINATE THE WORK IN ALL DRAWINGS. IF ANY PORTION OF THE CONTRACT DOCUMENT SHALL BE IN CONFLICT WITH ANY OTHER PORTION, THE VARIOUS DOCUMENTS COMPRISING THE CONTRACT DOCUMENTS SHALL GOVERN IN THE FOLLOWING ORDER OF PRECEDENCE: THE OWNER CONTRACT AGREEMENT; MODIFICATIONS; ADDENDA; SUPPLEMENTARY CONDITIONS; THE GENERAL CONDITIONS; THE SPECIFICATIONS; THE DRAWINGS; AS BETWEEN SCHEDULES AND INFORMATION GIVEN IN DRAWINGS, THE SCHEDULES SHALL GOVERN; AS BETWEEN FIGURES GIVEN ON DRAWINGS AND THE SCALED MEASUREMENTS, THE FIGURES SHALL GOVERN; AS BETWEEN LARGE SCALE DRAWINGS AND SMALL SCALE DRAWINGS, THE LARGE SCALE SHALL GOVERN. ANY SUCH CONFLICT OR INCONSISTENCY BETWEEN OR IN THE DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER WHOSE DECISION THEREON SHALL BE FINAL AND CONCLUSIVE.
21. CONTRACTOR TO FOLLOW AND MEET ALL STANDARDS AND REQUIREMENTS OF FAA ADVISORY CIRCULAR 150/5370-2G

GEOMETRY, PAVING, GRADING AND DRAINAGE

- 1. ELEVATIONS REFER TO NAVD 1988 DATUM. BENCHMARK PROVIDED ON BOUNDARY SURVEY.
2. GRADES SHOWN ARE FINISHED GRADES.
3. GRATE ELEVATIONS REFER TO THE EDGE OF PAVEMENT SIDE OF THE GRATE.
4. DIMENSIONS ARE MEASURED TO THE BACK OF CURB OR EDGE OF PAVEMENT.
5. CURB RADII ARE 3' UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL ADJUST VALVE BOX COVERS, MANHOLE RIMS AND COVERS, GRATES, ETC., TO MATCH FINISHED GRADES AS SHOWN ON THE PLANS. EXISTING AND PROPOSED UTILITY AND STORMWATER STRUCTURES WITH TOPS WHICH WILL BE EXPOSED WITHIN UNPAVED AREAS SUBJECT TO VEHICULAR, OR PEDESTRIAN TRAFFIC SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCH ABOVE FINISHED GRADE, UNLESS OTHERWISE SPECIFIED ON THESE PLANS. WHERE SOD IS APPLIED, FINISHED GRADE SHALL BE NOMINAL HEIGHT OF GRASS AFTER SOD IS FIRMLY PLACED. THE CONTRACTOR SHALL ADJUST THE SUBGRADE AS NECESSARY SO THAT THE TOP OF SOD/LANDSCAPING SHALL BE NO LESS THAN ONE HALF (1/2) INCH BELOW EDGE OF PAVEMENT OR EDGE OF FINISH FLOOR ELEVATION.
7. BUILDING DIMENSIONS AND TIES ARE TO THE OUTSIDE FACE OF THE BUILDING.
8. THE MATERIALS AND WORKMANSHIP OF PAVING AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION AND CITY OF ORMOND BEACH STANDARDS.
9. CONTRACTOR SHALL EXCAVATE AND REMOVE UNSUITABLE SOILS AND BACKFILL WITH SUITABLE FILL MATERIAL AS DEFINED IN THE SPECIFICATIONS AND GEOTECHNICAL REPORT. THE CONTRACTOR SHALL USE A GEOTECHNICAL FIELD TECHNICIAN TO FIELD VERIFY THE REMOVAL OF UNSUITABLE SOILS. COPIES OF REPORTS SHALL BE PROVIDED TO THE ENGINEER. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR FILL AND COMPACTION REQUIREMENTS.
10. BACKFILL - REQUIREMENTS FOR PIPE AND DITCH BACKFILL, CROSSING ROADS, PARKING AREAS, OR STRUCTURES SHALL BE AS DEFINED IN THE FDOT SPECIFICATIONS, LATEST EDITION AND AS SHOWN ON THE DETAIL SHEETS WITHIN THESE PLANS.

- 11. SUBGRADE - STABILIZE SUBGRADE IN ACCORDANCE WITH FDOT SECTION 160, TO DEPTHS AND BEARING VALUES INDICATED ON PLANS AND DETAILS. COMPACT IN EXCESS OF 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D1557 (AASHTO 1180). SUBGRADE SHALL EXTEND 24 INCHES BEYOND THE PROPOSED EDGE OF PAVEMENT OR BACK OF CURB. MUCK, STUMPS, ROOTS OR OTHER DELETERIOUS MATTER ENCOUNTERED IN THE PREPARATIONS OF THE SUBGRADE SHALL BE REMOVED COMPLETELY FROM THE ROADWAY TO A WIDTH OF TEN FEET BEYOND THE EDGE OF PAVEMENT. IF SUBGRADE IS REQUIRED TO BE STABILIZED, THE REQUIRED BEARING VALUE DETERMINATION SHALL BE MADE BY THE LIMEROCK BEARING RATION TEST METHOD IN ACCORDANCE WITH FDOT FM 5-515.
12. BASE - LIMEROCK BASE AND RECYCLED CONCRETE AGGREGATE (RCA) CONFORMING TO FDOT SECTION 911. FINISH BASE MATERIAL IN ACCORDANCE WITH FDOT SECTION 200. TO A MINIMUM COMPACTED THICKNESS AS INDICATED ON PLANS AND DETAILS. COMPACT IN EXCESS OF 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D1557 (AASHTO T180). BASE COURSES OVER 6 1/2" THICK SHALL BE PLACED AND COMPACTED IN TWO EQUAL LIFTS.
13. CONCRETE USED ON THE PROJECT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS COMPRESSIVE STRENGTH, UNLESS OTHERWISE NOTED.
14. PRIME COAT - BITUMINOUS PRIME COAT, RAPID CURING, GRADE RC-70, CONFORMING TO FDOT SECTION 916-3 (AASHTO M61/ASTM D977).
15. TACK COAT - ANIONIC ASPHALT EMULSION, SLOW-SETTING, GRADE SS-1H, FDOT SECTION 916-4 (AASHTO M140/ASTM D977).
16. SURFACE COURSE - CONFORM TO FDOT SECTION 334, TYPE SP-9.5 OR S-12.5, UNLESS INDICATED OTHERWISE ON PLANS. THE MINIMUM COMPACTED THICKNESS TO BE AS NOTED ON PLANS.
17. MAINTAIN CONSTANT SLOPE BETWEEN SPOT ELEVATIONS.
18. UNLESS OTHERWISE INDICATED, FILL SLOPES SHALL BE GRADED FROM THE SPOT ELEVATIONS OR TOP OF CURB ELEVATION SHOWN TO NATURAL/EXISTING GROUND AT A MAXIMUM SLOPE OF 4H:1V.
19. SOD AND LANDSCAPING SHALL NOT IMPEDE THE FLOW OF RUNOFF FROM PAVED SURFACES. SOIL AND GRASS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM SIDEWALKS BUT SHALL NOT FALL AWAY AT MORE THAN 2% GRADIENT SLOPE FOR A MINIMUM DISTANCE OF 5 FEET FROM THE EDGE OF WALK, THEN 10H:1V TO MATCH EXISTING GRADE OR AS SHOWN ON PLANS.
20. CONTRACTOR SHALL USE A CERTIFIED CONSTRUCTION MATERIALS TESTING LABORATORY TO PROVIDE MATERIALS AND DENSITY TESTING IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
21. POSITIVE DRAINAGE FACILITIES SHALL BE ESTABLISHED PRIOR TO THE CONSTRUCTION OF ANY IMPERVIOUS SURFACES. EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
22. THE CONTRACTOR IS RESPONSIBLE FOR STABILIZING AND MAINTAINING THE SIDE SLOPES OF ALL SWALES, AND DRAINAGE AREAS. EXCESS SEDIMENTATION AND EROSION SHALL BE REMOVED AND THE DESIGN GRADES RESTORED AT NO INCREASED COST TO THE OWNER.
23. DIMENSIONS ARE CENTER OF PIPING AND CENTER OF STRUCTURES.
24. DRAINAGE SYSTEMS WILL BE PRIVATELY MAINTAINED BY OWNER AFTER CONSTRUCTION COMPLETION AND ACCEPTANCE.
25. STORM LATERAL PIPE SHALL HAVE A MINIMUM SLOPE OF 1.0% UNLESS OTHERWISE NOTED.
26. CLEANOUTS SHALL HAVE A BRASS FRAME AND COVER.
27. DRAINAGE PIPES WITHIN THE PROJECT BOUNDARY SHALL BE CLEANED OF SAND, SILT AND DEBRIS, ETC. AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO MAINTAIN POSITIVE DRAINAGE AND DESIGN CAPACITY. ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEAN AND FUNCTIONING PROPERLY AT THE TIME OF ACCEPTANCE.
28. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR, BUT NOT LIMITED TO, PIPE, DRAINAGE STRUCTURES, GRATES, FRAMES AND COVERS, BASE COURSE AND ASPHALT MIX.
29. BEFORE REQUESTING FINAL INSPECTION BY THE ENGINEER AND BEFORE PLACING SOD, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COMPLETE SIGNED AND SEALED AS-BUILT SURVEY FROM A REGISTERED SURVEYOR LICENSED IN THE STATE OF FLORIDA THAT INCLUDES THE FOLLOWING:
A. LOCATION AND FINISH FLOOR ELEVATION OF CONSTRUCTED BUILDINGS WITH TIES TO PROPERTY LINE.
B. LOCATION AND ELEVATION OF PAVEMENT AT ELEVATION POINTS SHOWN ON PLANS AND WHERE EXISTING PAVEMENT IS REPLACED OR OVERLAID AT SUFFICIENT POINT TO DETERMINE GRADE AND DRAINAGE PATTERNS.
C. LOCATION AND ELEVATION OF WALKS, AND OTHER CONSTRUCTED IMPROVEMENTS SUCH AS DUMPSTER ENCLOSURES, MECHANICAL PADS, FENCING, ETC.
D. PERIMETER SLOPE BREAK AND BOTTOM ELEVATIONS OF ALL SWALES AND DETENTION AREAS.
E. LOCATION, RIM AND INVERT ELEVATIONS, AND SIZE OF ALL DRAINAGE STRUCTURES AND PIPES, INCLUDING WEIRS, ORIFICES AND OTHER APPURTENANCES.
31. THE CONTRACTOR SHALL COMPLY WITH THE SOUTH FLORIDA WATER MANAGEMENT (SFWMD) MASTER PERMIT CONDITIONS.

UTILITIES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING UTILITY AUTHORITIES AND VERIFYING LOCATIONS/ELEVATIONS OF THEIR FACILITIES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE SPECIAL CARE IN WORKING AROUND AND NEAR ALL EXISTING UTILITIES THAT ARE ENCOUNTERED DURING CONSTRUCTION, PROTECTING THEM WHERE NECESSARY SO THAT THEY WILL GIVE UNINTERRUPTED SERVICE TO THE SURROUNDING AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNERS FOR ALL DAMAGES TO SAID UTILITIES.
2. UNDERGROUND LINES, EQUIPMENT, AND ELECTRICAL CABLES SHALL BE IDENTIFIED, LOCATED, AND APPROPRIATE ENERGY ISOLATION COMPLETED PRIOR TO BEGINNING WORK.
3. PROVIDE A FORMAL UTILITY OUTAGE/SHUTDOWN NOTIFICATION TO THE OWNER PRIOR TO ANY PLANNED UTILITY WORK BEING PERFORMED. NOTICE AND COORDINATION MEETING SHALL BE PROVIDED TO OWNER AT A MINIMUM 2 WEEKS PRIOR TO UTILITY SHUTDOWN.
4. WATER DISTRIBUTION SYSTEM CONSTRUCTION SHALL COMPLY WITH FDEP'S RECOMMENDED STANDARDS FOR WATER WORKS AND ALL APPLICABLE RULES AND REFERENCES IN CHAPTER 62-550, 62-555 AND 62-699 OF THE FLORIDA ADMINISTRATIVE CODE (F.A.C.).
5. SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH FDEP'S "RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES".
6. FIRE LINE / WATER LINES CAN BE DEFLECTED UP OR DOWN AT THE INTERSECTION OF PIPES WITHIN THE LIMITS DEFINED BY THE PIPE MANUFACTURER. KEEP A MINIMUM OF 36" COVER ON ALL PIPES. REFER TO DETAILS FOR MINIMUM PIPE SEPARATION REQUIREMENTS.
7. INSTALLATION OF FIRE PROTECTION SYSTEMS ARE TO BE IN COMPLIANCE WITH NFPA 24 STANDARDS FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES. LATEST EDITION AND APPLICABLE AHJ STANDARDS.
8. FIRE HYDRANTS SHALL HAVE A LEVEL WORKING SURFACE WITHIN THE CLEAR WORKING ZONE.
9. LANDSCAPING OR OTHER CONSTRUCTION SHALL NOT BE LOCATED WITHIN 7.5 FEET TO THE FRONT AND SIDES OR 4.5 FEET TO THE REAR OF ANY FIRE HYDRANT OR ANY FIRE DEPARTMENT CONNECTION.
10. PIPE LENGTHS AND CENTERLINE SLOPE LENGTHS SHOWN ON THESE DRAWINGS ARE SCALED DISTANCES. THE CONTRACTOR SHALL CONFIRM MEASUREMENTS IN THE FIELD AND NOTIFY THE ENGINEER IN WRITING OF DISCREPANCIES WITH THE DRAWINGS PRIOR TO PERFORMING THE WORK.
11. A MINIMUM 4' CLEARANCE (INCLUDING LANDSCAPE) MUST BE MAINTAINED AROUND THE METER ASSEMBLY.
12. UTILITIES TO BE CONSTRUCTED PER CITY OF STUART STANDARD SPECIFICATIONS AND DETAILS, LATEST EDITION.

EROSION CONTROL

- 1. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO START OF WORK.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR EROSION CONTROL PRODUCTS PROPOSED TO BE USED.
3. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP) IN ADDITION TO THOSE PRESENTED ON THE PLANS SHALL BE IMPLEMENTED AS NECESSARY TO PREVENT TURBID DISCHARGES FROM LEAVING THE PROJECT SITE. MEASURES SHALL BE IMPLEMENTED TO ENSURE SURFACE WATER QUALITY CONDITIONS ARE IN COMPLIANCE WITH THE WATER QUALITY STANDARDS. SPECIFICALLY, SEDIMENT CONTROL SHALL BE INSTALLED TO PROTECT THE EXISTING STORM SEWER SYSTEM. ALL STORM STRUCTURES SHALL HAVE INLET PROTECTION PER SECTION 102.
4. CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES SUCH AS TURBIDITY BARRIERS, SILT BARRIERS AND HAY BALES WHERE NECESSARY IN ORDER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL WATER QUALITY STANDARDS.
5. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION EROSION CONTROL INSPECTION WITH THE AHJ'S NPDES COORDINATOR PRIOR TO START OF PROJECT ACTIVITIES.
6. THE CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT (NOI) (DEP FORM 62-421.300 (4)(B)), INCLUDING APPLICABLE PERMIT PROCESSING FEES, NARRATIVES, ETC. TO COMPLY WITH THE FDEP NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PHASE II CONSTRUCTION PERMIT. THE CONTRACTOR SHALL FILE FOR COVERAGE PRIOR TO COMMENCEMENT OF CONSTRUCTION AND IN ACCORDANCE WITH PERMIT APPLICATION CRITERIA.

- 7. THE CONTRACTOR SHALL SUBMIT A NOTICE OF TERMINATION (NOT DEP FORM 62-421.300(6)) ONLINE OR BY PAPER COPY TO THE NPDES STORMWATER NOTICES CENTER TO DISCONTINUE PERMIT COVERAGE. PERMIT COVERAGE MAY BE TERMINATED WHEN THE ELIGIBILITY REQUIREMENTS FOR TERMINATION SPECIFIED IN THE COP (CONSTRUCTION GENERAL PERMIT) ARE MET.

DEMOLITION AND CLEARING

- 1. AREAS OUTSIDE OF THE LIMITS OF CONSTRUCTION THAT ARE DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION (INCLUDING ROADWAYS, SWALES, DRIVEWAYS, AND VEGETATION) AT NO INCREASE IN COST TO THE OWNER. SOD DISTURBED AREAS WHICH DO NOT HAVE EXISTING LANDSCAPING, SOD TYPE SHALL BE APPROVED BY OWNER AND LANDSCAPE ARCHITECT.
2. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL CLEAR AND GRUB ENTIRE AREA WITHIN THE INDICATED LIMITS OF CONSTRUCTION OF ALL VEGETATION, AND FOUNDATIONS, FENCES, LIGHT POLES, ETC. AND PROPERLY DISPOSE OF OFF SITE. IF APPLICABLE, ANY EXISTING UTILITY SERVICES SHALL BE PROPERLY DISCONNECTED, PLUGGED, REMOVED OR ABANDONED BY MEANS AND METHODS APPROVED BY THE AFFECTED UTILITY PROVIDERS.
3. ITEMS INDICATED TO BE DEMOLISHED AND NOT CLAIMED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN CONFORMANCE WITH APPLICABLE LOCAL STATE, AND FEDERAL REGULATIONS.
4. BURNING OF TREES, BRUSH AND OTHER MATERIAL SHALL NOT BE APPROVED.
5. PAVEMENT REMOVAL: SAW-CUT PAVEMENT FULL-DEPTH AT REMOVAL LIMITS. PROVIDE A CLEAN STRAIGHT EDGE.

MAINTENANCE OF TRAFFIC

- 1. THE FDOT M.O.T. INDICES ARE PROVIDED AS A BASIS OF DESIGN FOR TYPICAL ROW WORK. CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR M.O.T. PLAN TO ENSURE JOB SAFETY AND THE SAFETY AND WELL-BEING OF THE PUBLIC. ULTIMATE CONTRACTOR M.O.T. PLAN WILL BE BASED ON ANTICIPATED CONSTRUCTION MEANS AND METHODS AND APPROPRIATE VEHICULAR AND PEDESTRIAN TRAFFIC AT THAT TIME. TEMPORARY ROAD CLOSURES MAY BE REQUIRED TO SUPPORT WORK WITHIN THE ROW.
2. CONTRACTOR SHALL PROVIDE ACCESS FOR EMERGENCY VEHICLES ON TO AND AROUND THE ENTIRE PROJECT SITE DURING THE FULL CONSTRUCTION PERIOD.
3. MAINTENANCE OF TRAFFIC SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH FDOT AND THE CITY OF ORMOND BEACH STANDARDS. THE INDIVIDUAL PREPARING M.O.T. PLANS SHALL BE CERTIFIED IN ADVANCE M.O.T. BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. MAINTENANCE OF TRAFFIC SHALL ALSO BE APPROVED BY OWNER.
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE SIGNS, BARRICADES, FLASHING LIGHTS, FLAGMEN, AND WATCHMEN TO MAINTAIN SAFE AND ADEQUATE ACCESS FOR PEDESTRIANS AND VEHICULAR TRAFFIC INTO AND OUT OF THE SITE FOR THE DURATION OF CONSTRUCTION. TRAFFIC CONTROL, WARNING SIGNS AND BARRICADES SHALL BE IN STRICT ACCORDANCE WITH THE PROVISIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION MANUAL ON TRAFFIC CONTROLS AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATION (LATEST EDITION). ALL BARRICADES AND OBSTRUCTIONS SHALL BE PROTECTED AT NIGHT BY FLASHING SIGNAL LIGHTS WHICH SHALL BE KEPT BURNING FROM SUNSET TO SUNRISE. BARRICADES SHALL BE OF SUBSTANTIAL CONSTRUCTION AND SUITABLE FOR NIGHT VISIBILITY. SUITABLE WARNING SIGNS SHALL BE SO PLACED AND ILLUMINATED AT NIGHT AS TO SHOW ON ADVANCE WHERE CONSTRUCTION, BARRICADES AND DETOURS EXIST.

LANDSCAPING

- 1. CONTRACTOR SHALL SOD WITH BAHIA DISTURBED AREAS (INCLUDING DRAINAGE AREAS, FUTURE EXPANSION AREAS) IMMEDIATELY AFTER FINAL GRADING AND SHALL WATER UNTIL GRASS HAS ROOTED.
2. WHERE SOD IS DESIRED, LOWER THE GROUND 2 INCHES BELOW THE FINISHED GRADE TO ALLOW FOR THE THICKNESS OF THE SOD.



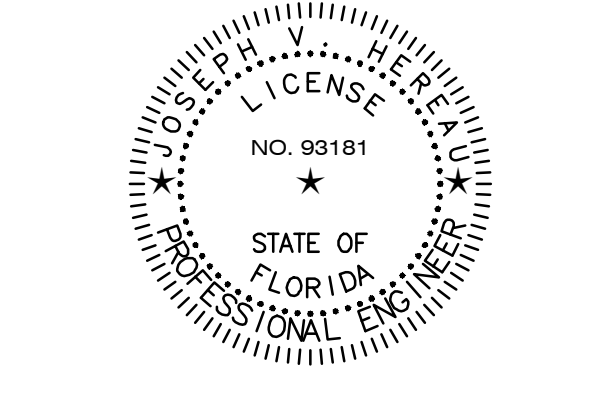
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ISSUE FOR CONSTRUCTION

Table with columns: REV, DATE, DESCRIPTION. Row 1: 11/14/25, ISSUE FOR CONSTRUCTION

DAHER - FAL US
STUART, FLORIDA
DAHER



ARCHITECT OF RECORD
JOSEPH V. HEREAU
FL PE 93181
REVISION BY
HEREAU / YORIO
DRAWN BY
HEREAU / YORIO
PROJECT NUMBER
C09584.001/C-001 LEGEND AND GENERAL
NOTES.DWG
11/14/2025
TITLE

GENERAL NOTES

DRAWING NO. C-002

PROJECT: 2025-001 - DANVER EXPANSION, STUART FL (ORANGE COUNTY) LEGEND AND GENERAL NOTES.DWG 11/14/2025 11:00 AM













**ISSUE FOR CONSTRUCTION**

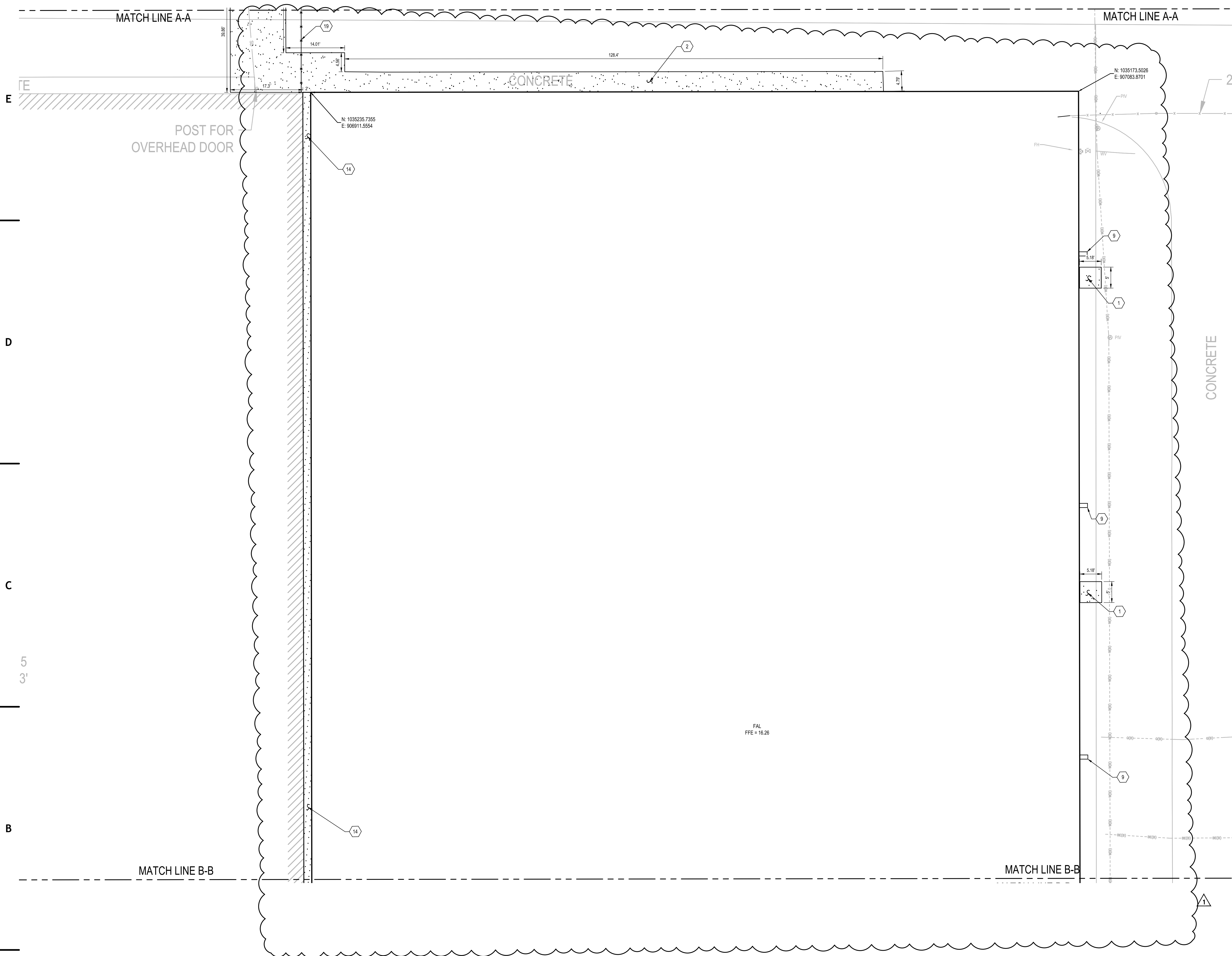
DOCUMENT HISTORY		
REV	DATE	DESCRIPTION
0	11/14/25	ISSUE FOR CONSTRUCTION
1	04/02/26	REVISION 1

**NOTES:**

- ALL AIRSIDE WORK TO BE COORDINATED WITH AIRPORT.

**KEYNOTES:**

- PROVIDE CONCRETE SIDEWALK. SEE DETAIL 3/C-501.
- PROVIDE CONCRETE PAVEMENT. SEE DETAIL 1/C-501.
- PROVIDE FOOT TYPE D CURB.
- PROVIDE SPLASH BLOCKS. COORDINATE WITH ARCHITECTURAL PLANS.
- SHADE STRUCTURE FOUNDATION. SEE STRUCTURAL DRAWINGS.
- PROVIDE P-501 PCC CONCRETE PAVEMENT SEE DETAIL 6/C-501.
- PROVIDE 6" CONCRETE SLAB. SEE STRUCTURAL SHEET S-001 FOR REINFORCEMENT.
- PROVIDE 10' HIGH CHAIN LINK SECURITY FENCE. SEE DETAIL 4/C-501.



E  
D  
C  
5  
3  
B  
A

MATCH LINE B-B

MATCH LINE B-B

MATCH LINE A-A

MATCH LINE A-A

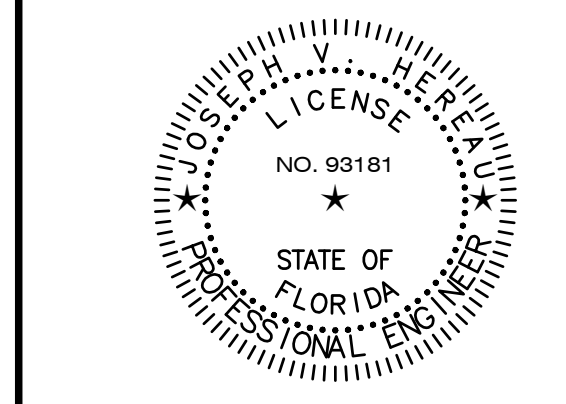
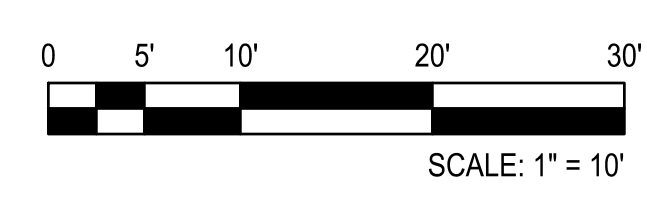
POST FOR  
OVERHEAD DOOR

CONCRETE

CONCRETE

FAL  
FFE = 16.26

**SITE PLAN - CENTER**  
 1" = 10'



ARCHITECT OF RECORD  
 JOSEPH V. HEREAU  
 FL PE S3181  
 DESIGNED BY  
 HEREAU / YORIO  
 DRAWN BY  
 HEREAU / YORIO  
 PROJECT NUMBER  
 C09584.001  
 DATE  
 11/14/2025  
 TITLE  
**SITE PLAN - CENTER**

DRAWING NO.  
**C-123**

1 2 3 4 5 6







MATCH LINE B-B

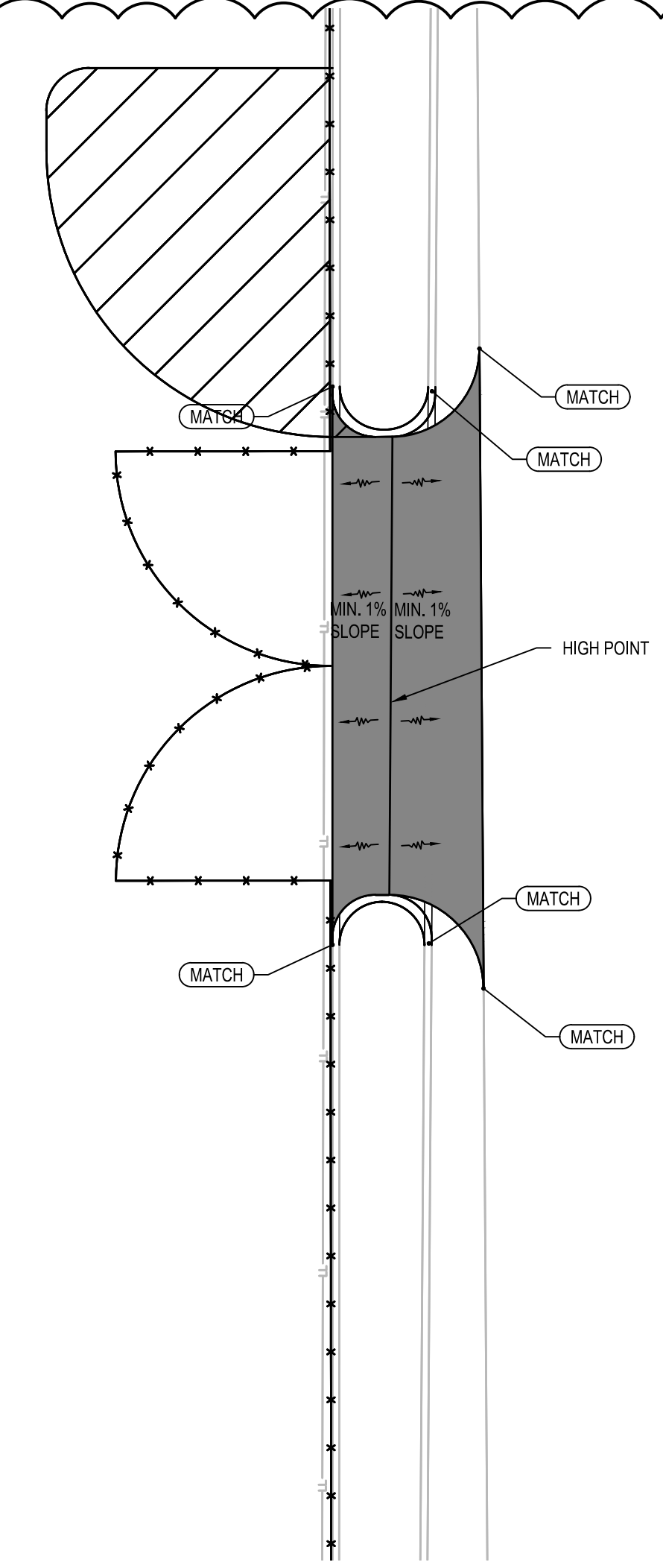
MATCH LINE B-B



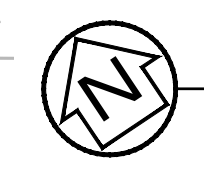
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REV	DATE	DESCRIPTION
0	11/14/25	ISSUE FOR CONSTRUCTION
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TRUCK GATE INSERT



1" = 10'

**DRAINAGE STRUCTURE TABLE**

STRUCTURE ID	RIM / FLOW ELEVATION	STRUCTURE INVERTS	LOCATION	COMMENTS
D-1	RIM = 15.88	N INV. = 13.02, 12" CMP E INV. = 13.02, 18" PVC S INV. = 13.02, 18" CMP (EXIST)	N : 1034943.9007 E : 906791.2264	FOOT TYPE "F" DITCH BOTTOM INLET WITH SPEED GRATE PER FDOT INDEX #425-053.
D-2	RIM = 16.14	W INV. = 13.02, 18" PVC N INV. = 13.01, 12" PVC E INV. = 13.03, 2" PVC	N : 1034939.3454 E : 906803.8018	FOOT TYPE "F" DITCH BOTTOM INLET WITH SPEED GRATE PER FDOT INDEX #425-053.
D-3	RIM = 16.22	W INV. = 13.33, 4" PVC	N : 1035238.3860 E : 906919.0300	CLEANOUT. SEE DETAIL.
D-4	RIM = 15.86	N INV. = 13.40, 12" CMP E INV. = 13.40, 4" PVC S INV. = 13.40, 12" CMP	N : 1035244.8369 E : 906900.4414	FOOT TYPE "F" DITCH BOTTOM INLET WITH SPEED GRATE PER FDOT INDEX #425-053.
D-10	RIM = 15.85	NW INV. = 11.11, 12" PVC SW INV. = 11.11, 12" PVC NW INV. = 11.11, 12" PVC E INV. = 11.11, 18" RCP	N : 1034837.6099 E : 906924.2533	5' DIA. STORM MANHOLE
D-11	RIM = 16.14	NE INV. = 11.16, 12" PVC	N : 1034809.5204 E : 906886.9499	NYLOPLAST STRUCTURE W/H-20 DRAIN GRATE
D-12	RIM = 16.03	SE INV. = 11.18, 12" PVC	N : 1034865.3096 E : 906861.9151	NYLOPLAST STRUCTURE W/H-20 DRAIN GRATE
D-13	RIM = 15.81	SE INV. = 11.14, 12" PVC	N : 1034866.1133 E : 906905.3961	NYLOPLAST STRUCTURE W/H-20 DRAIN GRATE
D-14	RIM = 15.85	NW INV. = 11.16, 12" PVC N INV. = 11.13, 3" PVC SE INV. = 11.13, 12" PVC	N : 1034852.7110 E : 906916.3600	NYLOPLAST STRUCTURE W/H-20 DRAIN GRATE
X-1	RIM = 14.79	W INV. = 11.00, 18" RCP N INV. = 12.73, 13"x21" CMP (EXIST)	N : 1034847.7311 E : 907029.3057	EXISTING CONFLICT STRUCTURE

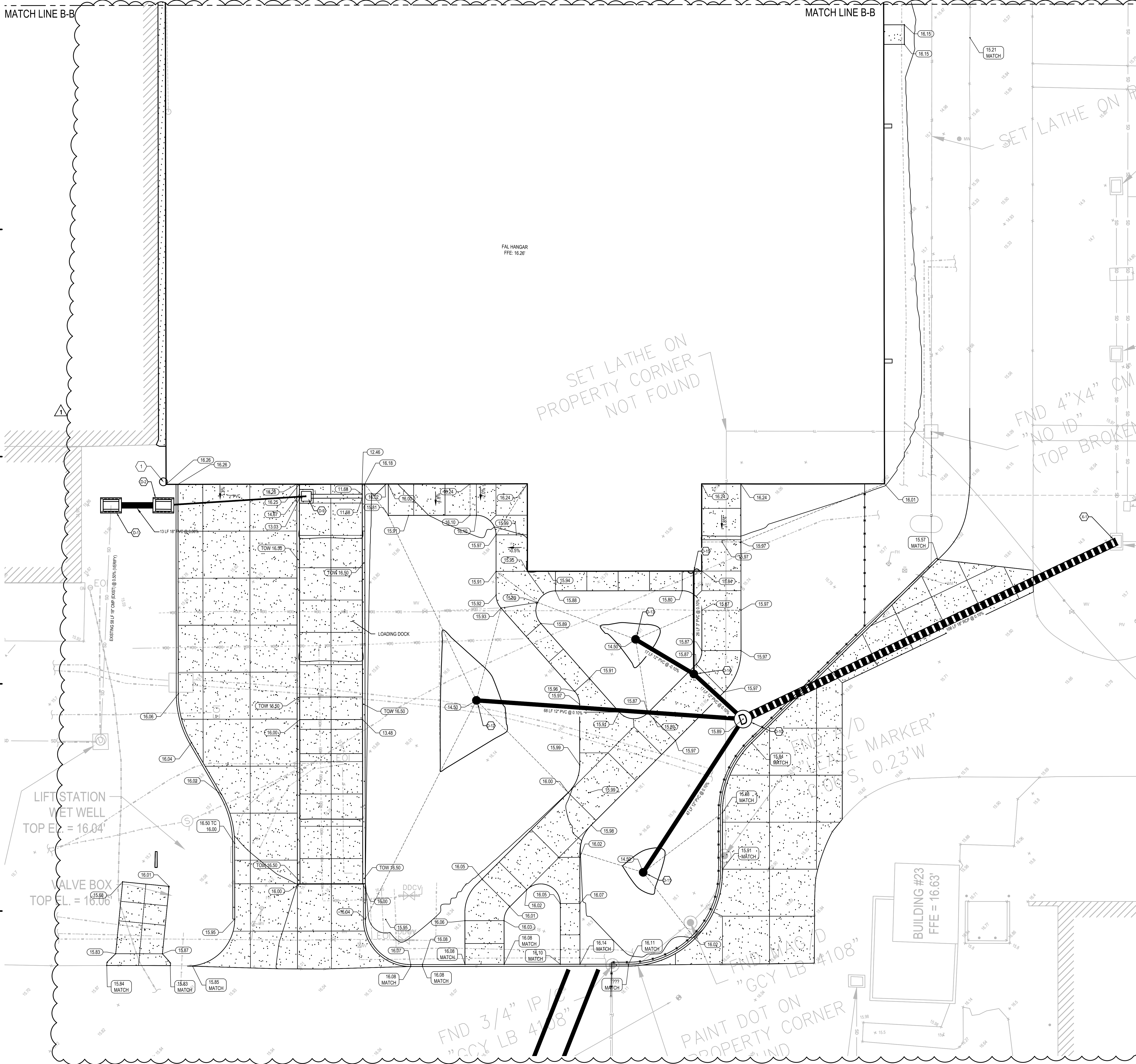
E

D

C

B

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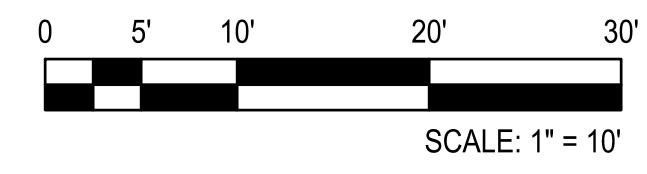


GRADING & DRAINAGE PLAN - SOUTH

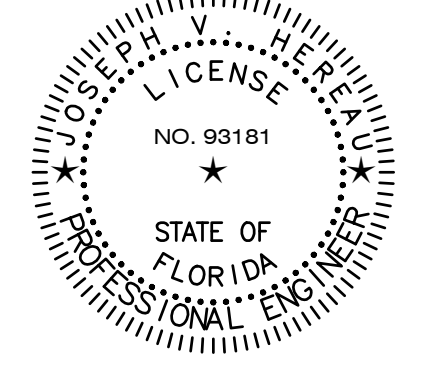
1" = 10'

- GENERAL NOTES:**
- ALL AIRSIDE WORK TO BE COORDINATED WITH AIRPORT.
  - THE CONTRACTOR SHALL COORDINATE DOWNSPOUT LOCATIONS WITH THE ARCHITECTURAL DRAWINGS.
  - SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS.
  - SEE DRAWING C-002 FOR CIVIL GENERAL NOTES.
  - SEE DRAWINGS C-143 & C-144 FOR DRAINAGE STRUCTURE TABLES REFERENCED BY CALL-OUT NUMBERS.
  - SEE DRAWINGS C-301 & C-302 FOR STORMWATER POND CROSS-SECTIONS.
  - THE CONTRACTOR SHALL FIELD VERIFY THE PRESENCE AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. ANY DISCREPANCIES OR CONFLICTS WITH PROPOSED UTILITIES SHALL BE BROUGHT TO THE OWNER'S AND ENGINEER'S ATTENTION IMMEDIATELY UPON DISCOVERY AND PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
  - SURVEY PROVIDED. SEE REFERENCE DRAWINGS FOR FULL SURVEY.

- KEYNOTES:**
- DOWNSPOUT CONNECTION. SEE DETAIL 12 SHEET P-501.



DAHER - FAL US  
 STUART, FLORIDA  
 DAHER



ARCHITECT OF RECORD  
 JOSEPH V. HEREAU  
 FL PE 93181  
 DESIGNED BY  
 HEREAU / YORIO  
 DRAWN BY  
 HEREAU / YORIO  
 PROJECT NUMBER  
 C09584.001

DATE  
 11/14/2025  
 TITLE  
 GRADING &  
 DRAINAGE PLAN -  
 SOUTH

DRAWING NO.  
C-142

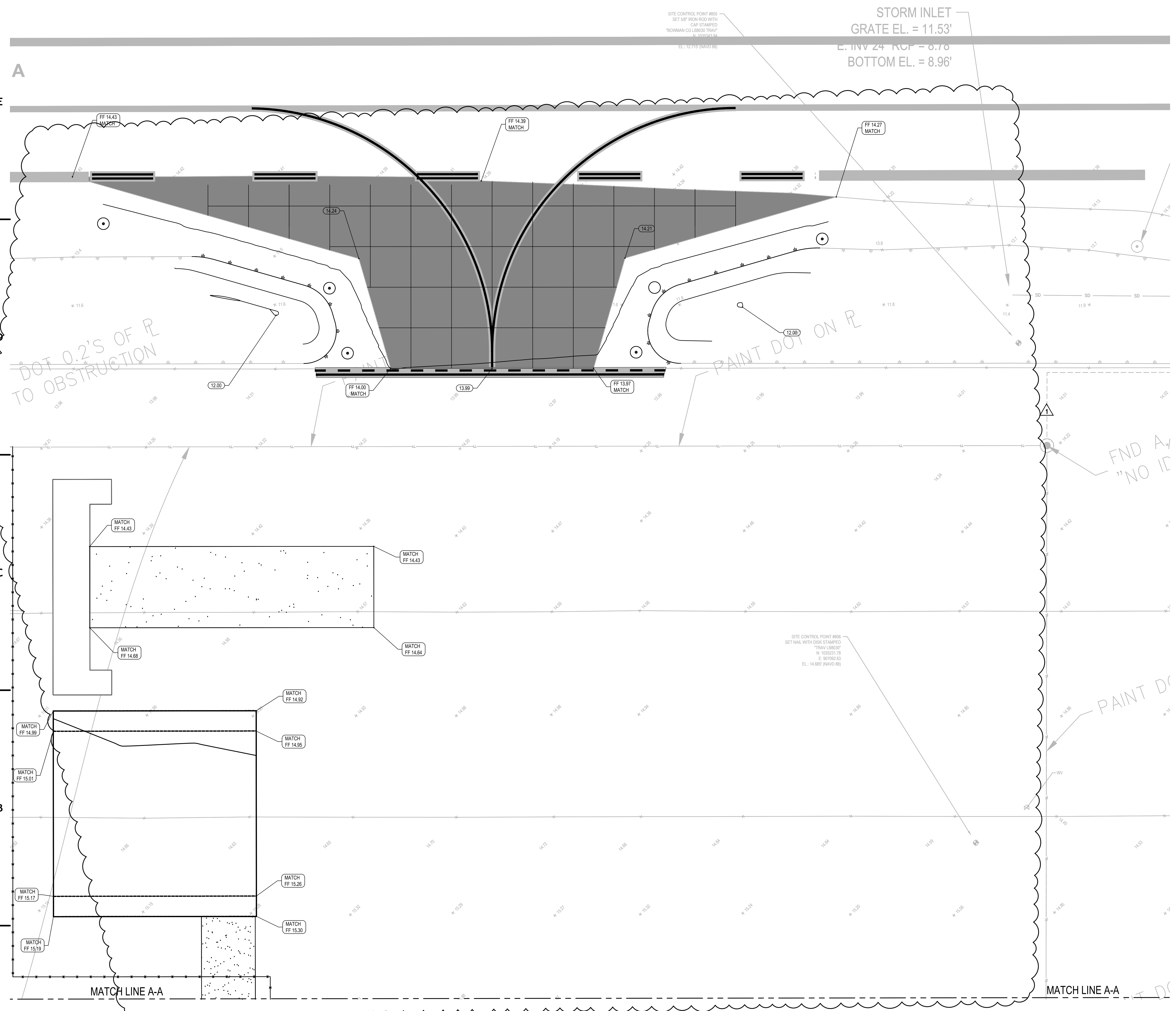


- GENERAL NOTES:**
1. ALL AIRSIDE WORK TO BE COORDINATED WITH AIRPORT.
  2. THE CONTRACTOR SHALL COORDINATE ALL DOWNSPOUT LOCATIONS WITH THE ARCHITECTURAL DRAWINGS.
  3. SEE DRAWING C-001 FOR LEGEND AND ABBREVIATIONS.
  4. SEE DRAWING C-002 FOR CIVIL GENERAL NOTES.
  5. SEE DRAWINGS C-143 & C-144 FOR DRAINAGE STRUCTURE TABLES REFERENCED BY CALL-OUT NUMBERS.
  6. SEE DRAWINGS C-301 & C-302 FOR STORMWATER POND CROSS-SECTIONS.
  7. THE CONTRACTOR SHALL FIELD VERIFY THE PRESENCE AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. ANY DISCREPANCIES OR CONFLICTS WITH PROPOSED UTILITIES SHALL BE BROUGHT TO THE OWNER'S AND ENGINEER'S ATTENTION IMMEDIATELY UPON DISCOVERY AND PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
  8. SURVEY PROVIDED. SEE REFERENCE DRAWINGS FOR FULL SURVEY.

**ISSUE FOR CONSTRUCTION**

DOCUMENT HISTORY		
REV	DATE	DESCRIPTION
0	11/14/25	ISSUE FOR CONSTRUCTION
1	04/02/26	REVISION 1

- KEYNOTES:**
2. RELOCATE STORM INLET OUT FROM UNDER STRIP FOOTINGS.

















ISSUE FOR CONSTRUCTION

Table with columns: REV, DATE, DESCRIPTION. Row 1: 11/14/25, ISSUE FOR CONSTRUCTION

E

CITY OF STUART WATER DISTRIBUTION NOTES. 1. ALL CONSTRUCTION MATERIAL, INSTALLATION AND TESTING SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE CITY OF STUART.

CITY OF STUART WATER DISTRIBUTION NOTES (CONTINUED). 17. THE CONTRACTOR SHALL FURNISH RECORD DRAWING INFORMATION TO THE ENGINEER INCLUDING LOCATIONS OF VALVES, FITTINGS, SERVICE CONNECTIONS, BLOWOFFS, AIR RELEASE VALVES, AND ANY OTHER PERTINENT INFORMATION NECESSARY TO LOCATE ITEMS CONSTRUCTED UNDER THIS PROJECT.

CITY OF STUART WASTEWATER CONSTRUCTION NOTES. 1. ALL CONSTRUCTION MATERIAL, INSTALLATION AND TESTING SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE CITY OF STUART.

CITY OF STUART WASTEWATER CONSTRUCTION NOTES (CONTINUED). 17. MINIMUM COVER SHALL BE 48 INCHES, PIPES WITH LESS COVER REQUIRE PRIOR APPROVAL OF THE ENGINEER AND CITY OF STUART AND SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE.

D

STANDARD UTILITY DETAILS City of Stuart Utilities & Engineering Department WATER DISTRIBUTION NOTES DATE: AUGUST 2025 SHEET NUMBER 1

STANDARD UTILITY DETAILS City of Stuart Utilities & Engineering Department WATER DISTRIBUTION NOTES DATE: AUGUST 2025 SHEET NUMBER 2

STANDARD UTILITY DETAILS City of Stuart Utilities & Engineering Department WASTEWATER CONSTRUCTION NOTES DATE: AUGUST 2025 SHEET NUMBER 3

STANDARD UTILITY DETAILS City of Stuart Utilities & Engineering Department WASTEWATER CONSTRUCTION NOTES DATE: AUGUST 2025 SHEET NUMBER 4

C

STANDARD SEPARATION STATEMENT FOR WATER / SEWER CONFLICTS. 1. SANITARY SEWER, FORCE MAINS, AND STORM SEWERS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE.

Diagram showing trench construction with labels: FINISHED GRADE, MAXIMUM TRENCH WIDTH, PLACE AND COMPACT PER SPECIFICATION, PIPE O.D. + 24 IN. MAX. WIDTH, 12" MAX., 36" MIN. COVER, ALTERNATE FOR MACH. EXCAVATION AND OVEREXCAVATION, INVERT, 1/2 PIPE "O.D.", HAND PLACED SELECT MATERIAL, LOWER QUADRANT TO BE SHAPED TO RECEIVE PIPE BELL AND BARREL.

Diagram showing trench construction with labels: FINISH GRADE, SEE NOTE #9, INITIAL BACKFILL, HAUNCHING, BEDDING, 6" MIN. (IF REQ'D.), FOUNDATION MAY NOT BE REQ'D., SPRINGLINE.

Diagram showing various pipe fittings: TEE, CROSS USED AS TEE, 11 1/4", 22 1/2", 45°, OR 90° BEND, TEE USED AS 90° BEND, CROSS USED AS 90° BEND, REDUCER, WYE, OFFSET, VALVE, HYDRANT RUNOUT, DEAD END, VERTICAL END.

B

STANDARD UTILITY DETAILS City of Stuart Utilities & Engineering Department WATER & SEWER CONFLICT NOTES DATE: AUGUST 2025 SHEET NUMBER 5

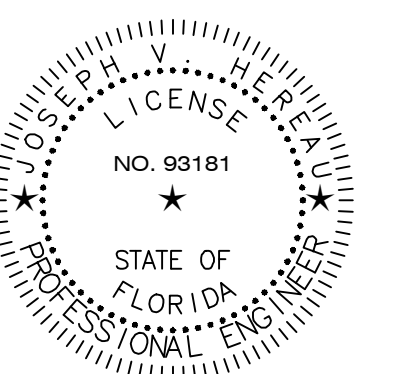
STANDARD UTILITY DETAILS City of Stuart Utilities & Engineering Department TYPICAL TRENCH CONSTRUCTION DATE: AUGUST 2025 SHEET NUMBER 10

STANDARD UTILITY DETAILS City of Stuart Utilities & Engineering Department BACKFILLING REQUIREMENTS DATE: AUGUST 2025 SHEET NUMBER 11

STANDARD UTILITY DETAILS City of Stuart Utilities & Engineering Department MECHANICAL JOINT ANCHORING REQUIREMENTS DATE: AUGUST 2025 SHEET NUMBER 12

A

DAHER - FAL US STUART, FLORIDA DAHER



ARCHITECT OF RECORD JOSEPH V. HEREAU FL PE 93181 DESIGNED BY HEREAU / YORIO DRAWN BY HEREAU / YORIO PROJECT NUMBER C09584.001/C-500 DETAILS.DWG DATE 11/14/2025 TITLE DETAILS



ISSUE FOR CONSTRUCTION

DOCUMENT HISTORY		
REV	DATE	DESCRIPTION
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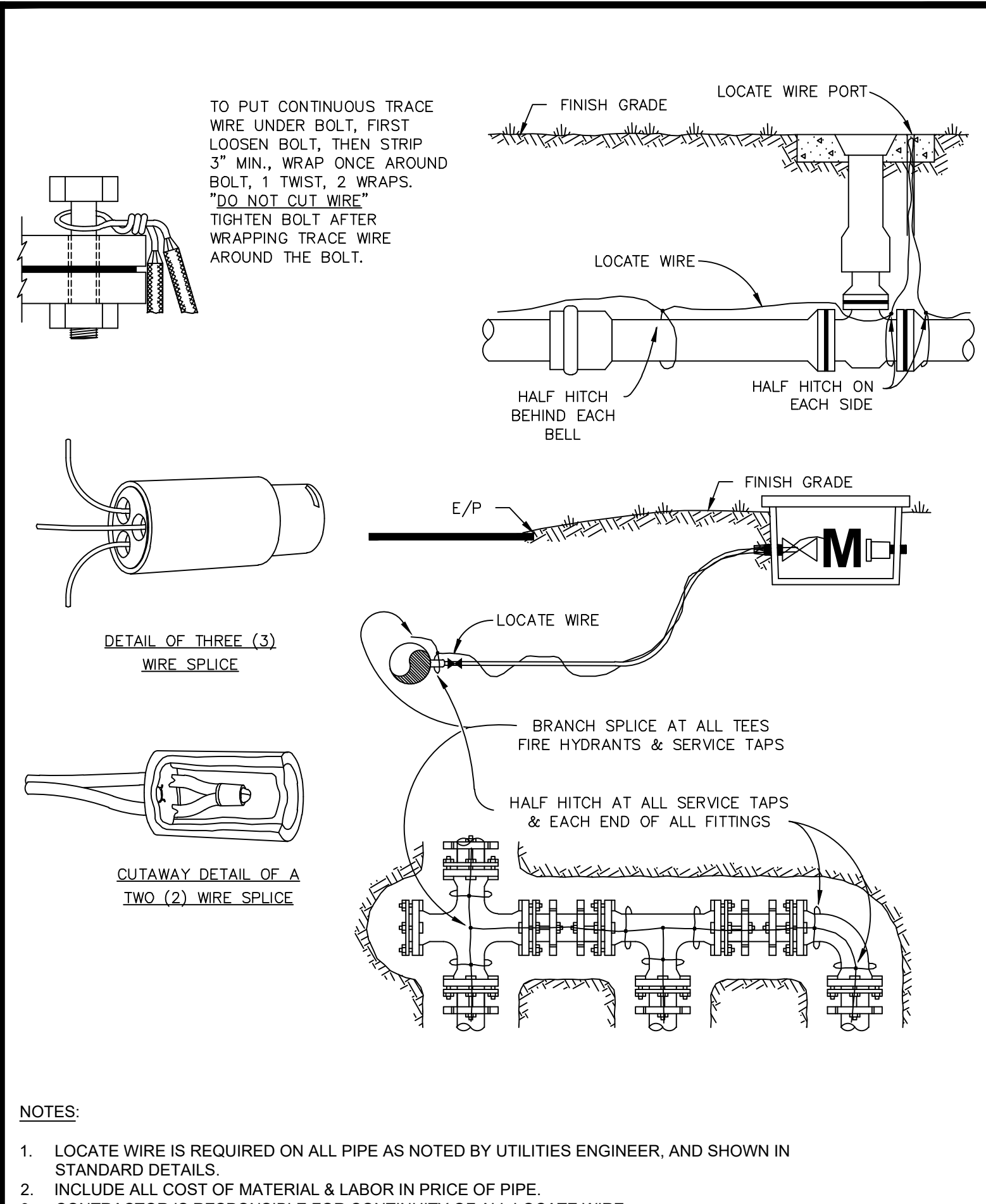
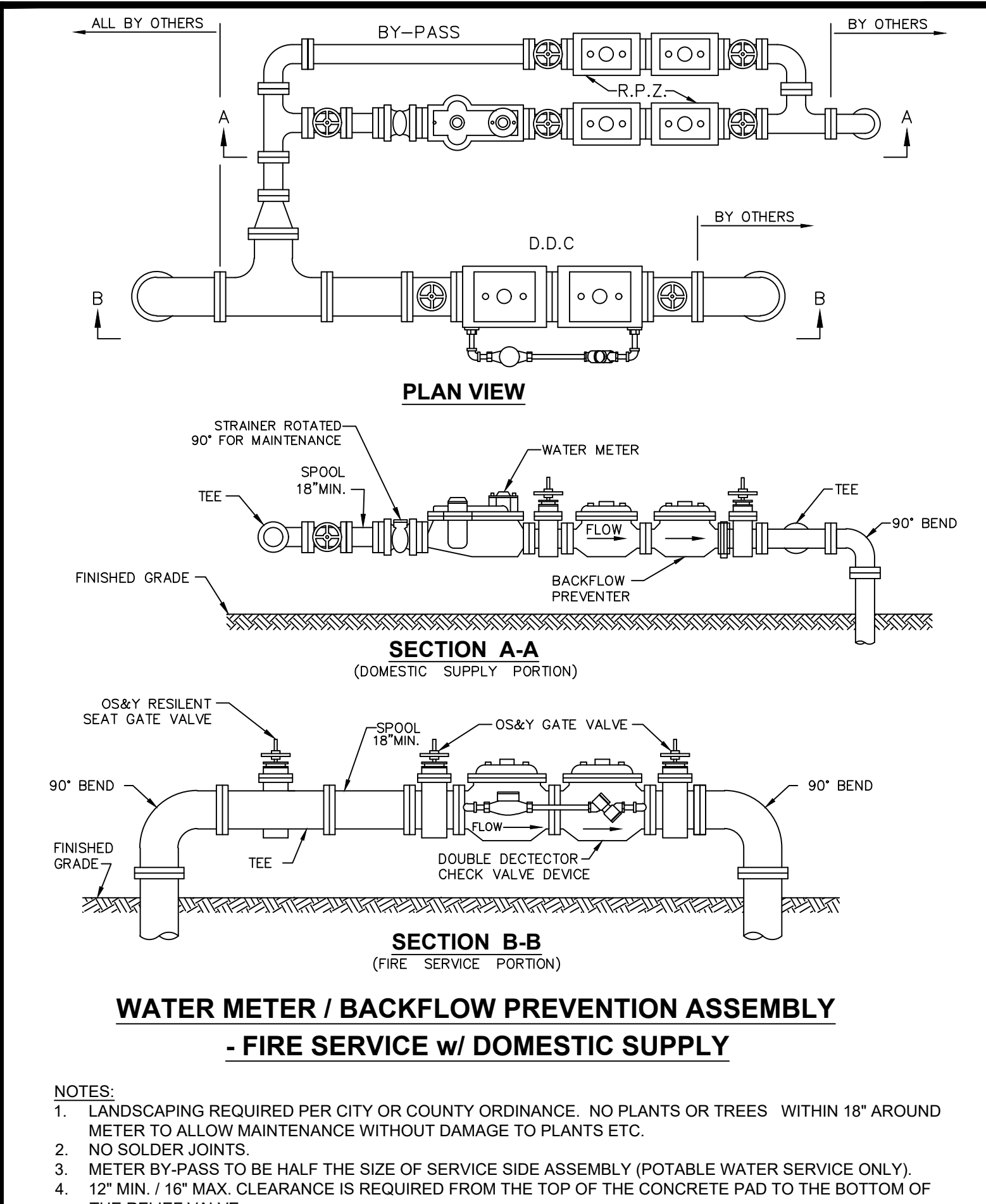
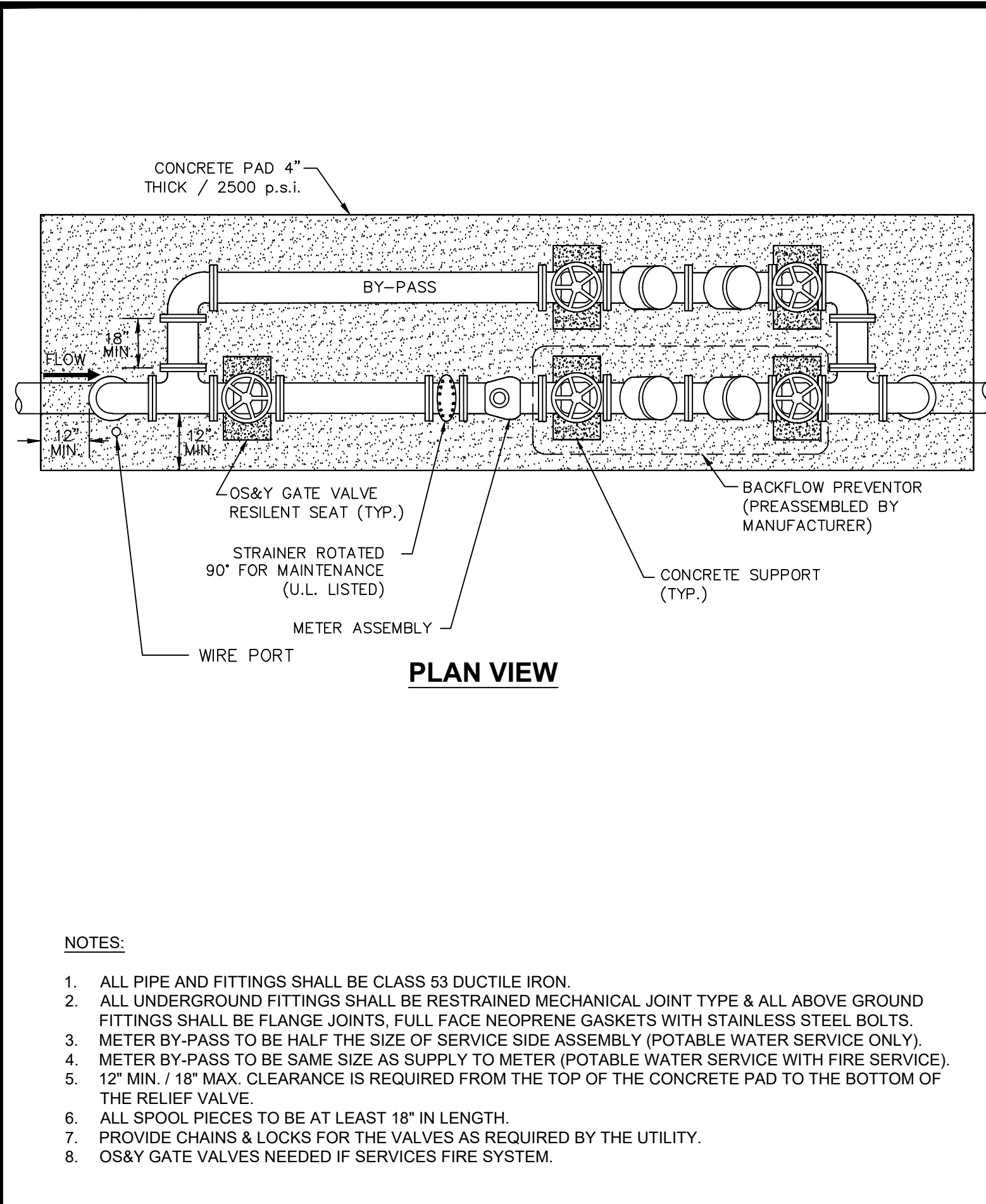
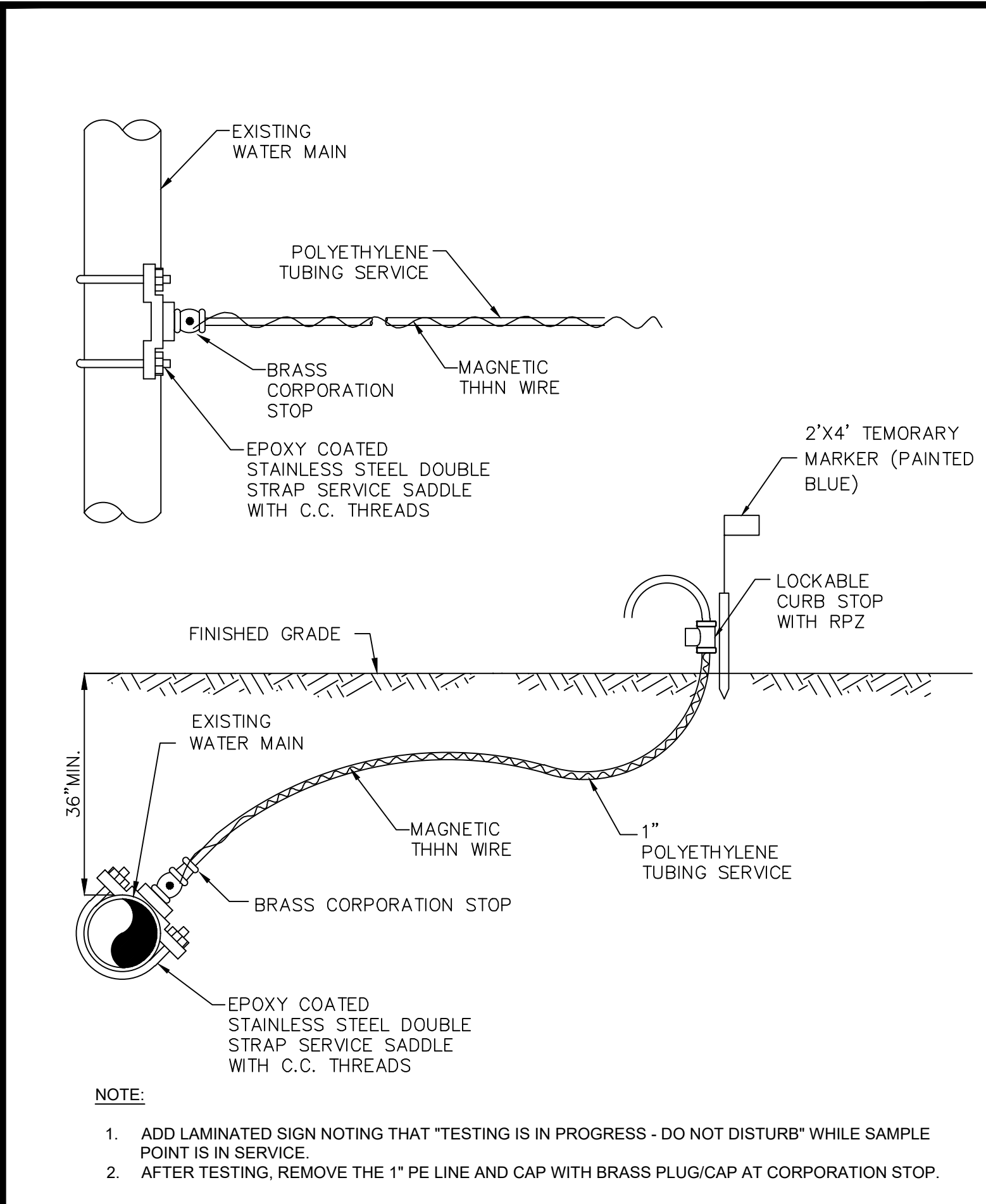
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A



**STANDARD UTILITY DETAILS**  
 City of Stuart  
 Utilities & Engineering Department  
 121 S.W. Flagler Avenue, Stuart, Florida 34994

**BACTERIOLOGICAL SAMPLE POINT**  
 DATE: AUGUST 2025  
 FILE NAME: C-500 DETAILS.dwg  
 SHEET NUMBER **29**

**STANDARD UTILITY DETAILS**  
 City of Stuart  
 Utilities & Engineering Department  
 121 S.W. Flagler Avenue, Stuart, Florida 34994

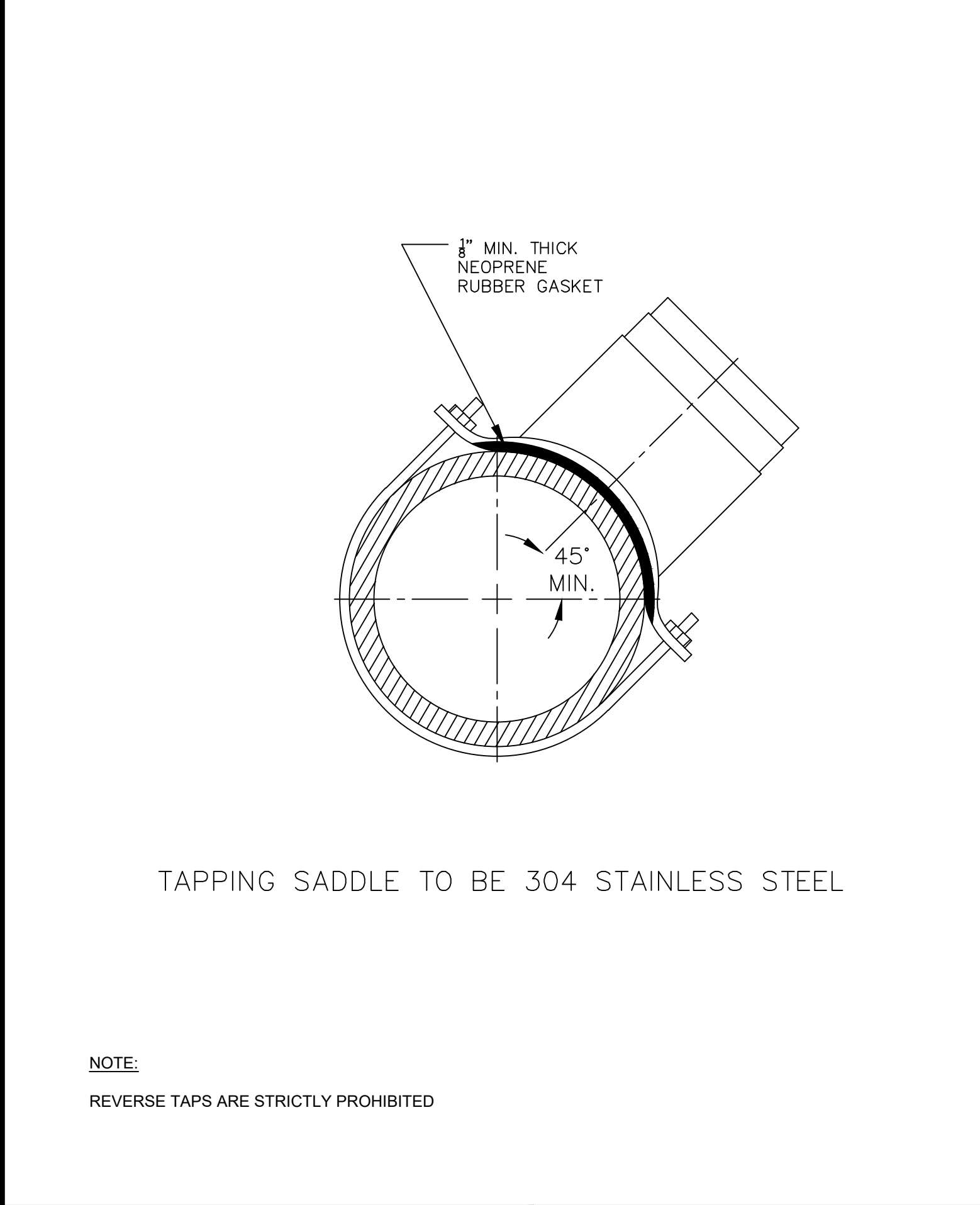
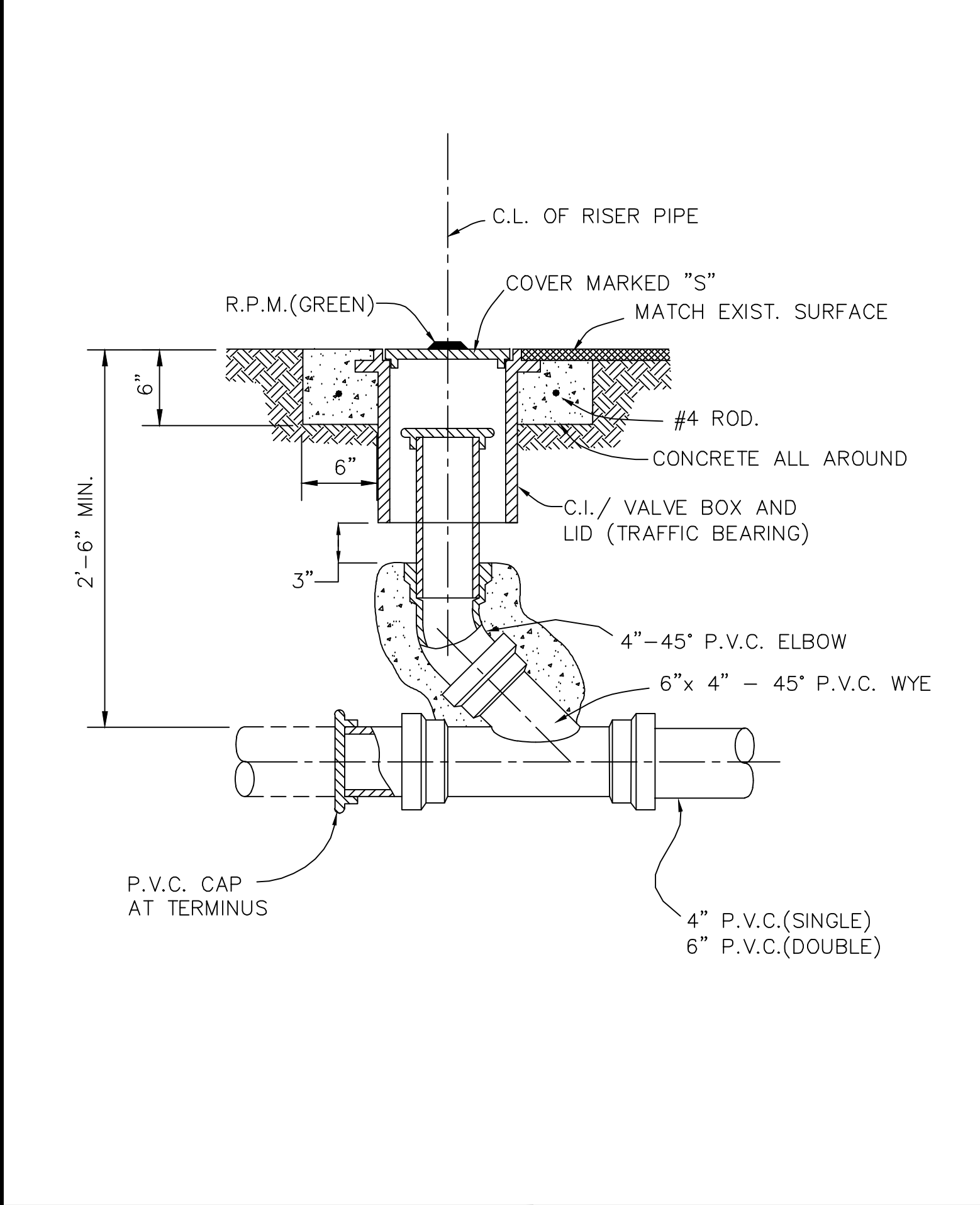
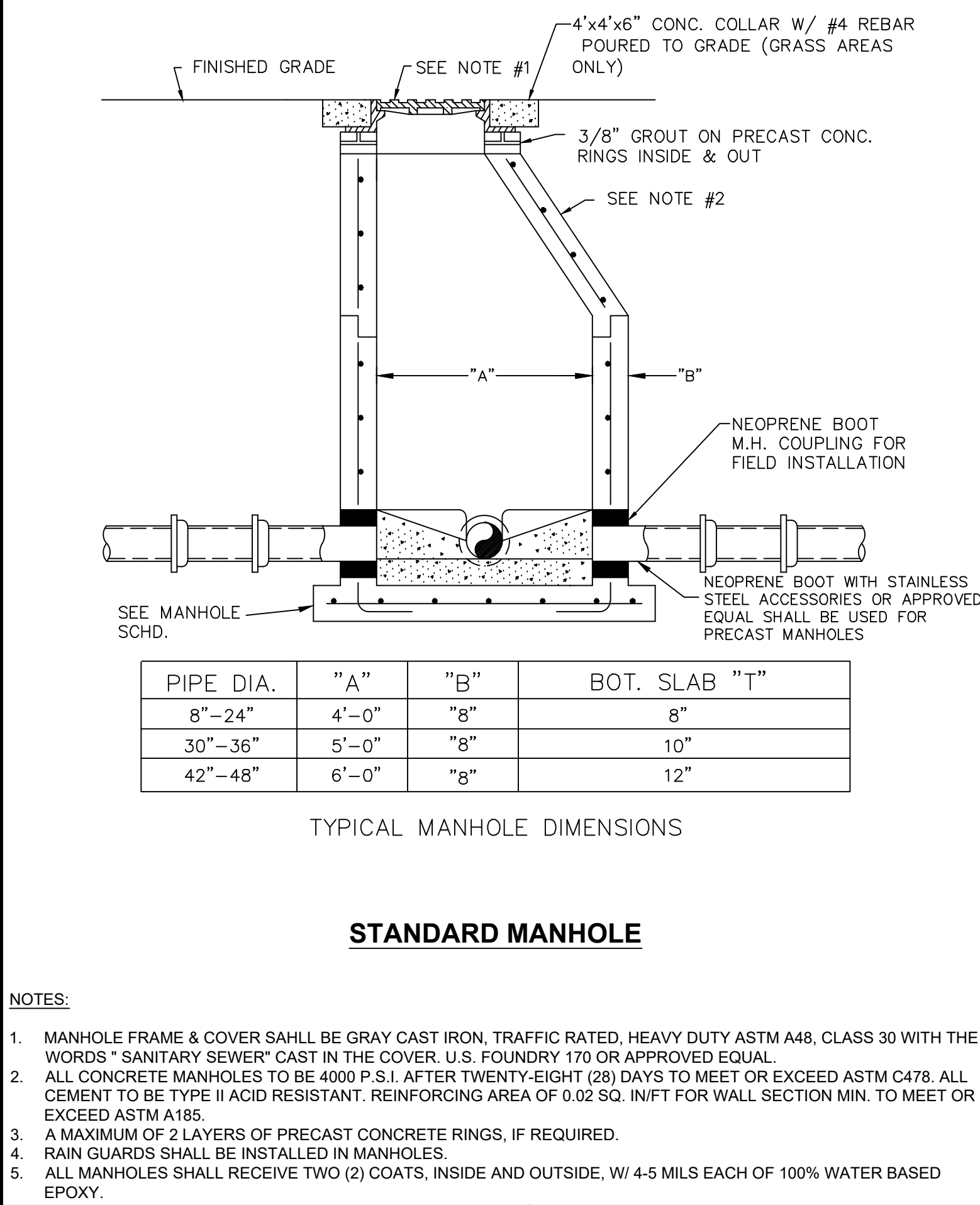
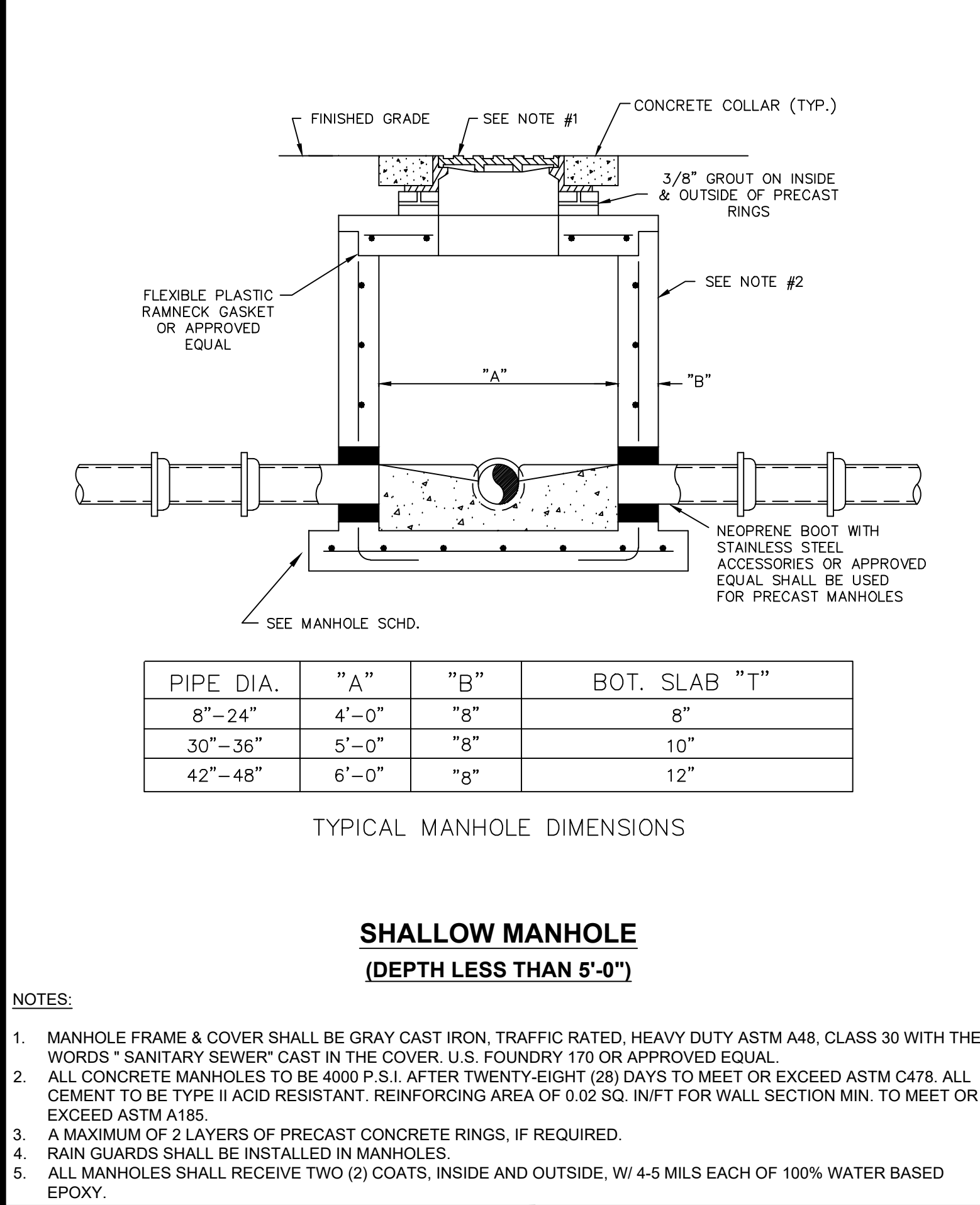
**BACKFLOW PREVENTION ASSEMBLY**  
 DATE: AUGUST 2025  
 FILE NAME: C-500 DETAILS.dwg  
 SHEET NUMBER **32**

**STANDARD UTILITY DETAILS**  
 City of Stuart  
 Utilities & Engineering Department  
 121 S.W. Flagler Avenue, Stuart, Florida 34994

**BACKFLOW PREVENTION ASSEMBLY**  
 DATE: AUGUST 2025  
 FILE NAME: C-500 DETAILS.dwg  
 SHEET NUMBER **33**

**STANDARD UTILITY DETAILS**  
 City of Stuart  
 Utilities & Engineering Department  
 121 S.W. Flagler Avenue, Stuart, Florida 34994

**LOCATE WIRE**  
 DATE: AUGUST 2025  
 FILE NAME: C-500 DETAILS.dwg  
 SHEET NUMBER **35**



**STANDARD UTILITY DETAILS**  
 City of Stuart  
 Utilities & Engineering Department  
 121 S.W. Flagler Avenue, Stuart, Florida 34994

**SHALLOW MANHOLE**  
 DATE: AUGUST 2025  
 FILE NAME: C-500 DETAILS.dwg  
 SHEET NUMBER **37**

**STANDARD UTILITY DETAILS**  
 City of Stuart  
 Utilities & Engineering Department  
 121 S.W. Flagler Avenue, Stuart, Florida 34994

**STANDARD MANHOLE**  
 DATE: AUGUST 2025  
 FILE NAME: C-500 DETAILS.dwg  
 SHEET NUMBER **38**

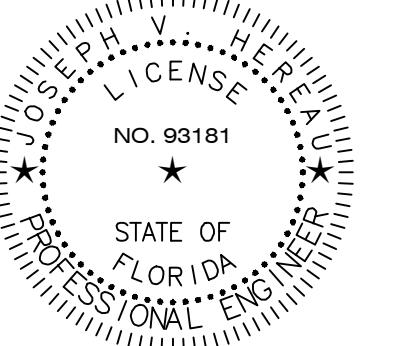
**STANDARD UTILITY DETAILS**  
 City of Stuart  
 Utilities & Engineering Department  
 121 S.W. Flagler Avenue, Stuart, Florida 34994

**TERMINAL/SERVICE LATERAL CLEANOUT**  
 DATE: AUGUST 2025  
 FILE NAME: C-500 DETAILS.dwg  
 SHEET NUMBER **44**

**STANDARD UTILITY DETAILS**  
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 Utilities & Engineering Department  
 121 S.W. Flagler Avenue, Stuart, Florida 34994

**WASTEWATER SERVICE TAP**  
 DATE: AUGUST 2025  
 FILE NAME: C-500 DETAILS.dwg  
 SHEET NUMBER **45**

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STUART, FLORIDA  
DAHER



ARCHITECT OF RECORD  
 JOSEPH V. HEREAU  
 FL PE 93181  
 DESIGNED BY  
 HEREAU / YORIO  
 DRAWN BY  
 HEREAU / YORIO  
 PROJECT NUMBER  
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