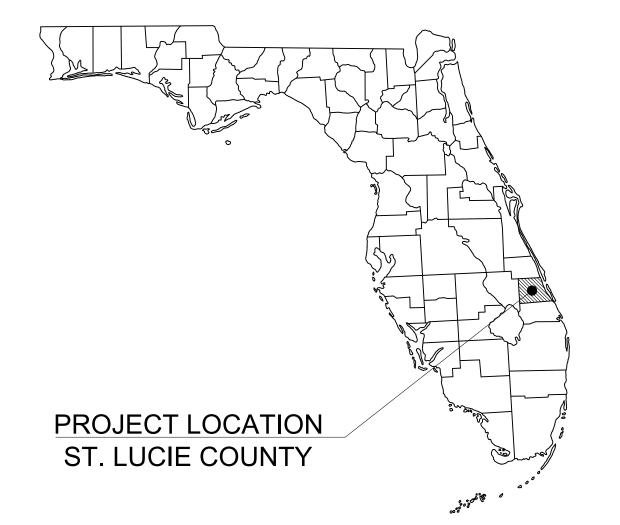
CONSTRUCTION PLANS FOR



SG-3 NORTHWEST OUTPARCEL COMMERCIAL LOT 1

CITY OF PORT ST. LUCIE FLORIDA

PROJECT TEAM:

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RE DEPT.

RE DEPT.

SIVE

S. FL. WATER MANAGEMENT DISTRICT

3301 GUN CLUB ROAD

WEST PALM BEACH, FL 33406

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C-000 COVER SHEET C-001 GENERAL NOTES C-050 DEMOLITION PLAN C-051 SWPP PLAN C-052 SWPP DETAILS C-053 SWPP DETAILS C-100 HORIZONTAL CONTROL PLAN C-105 TRUCK TURN PLAN C-106 DELIVERY TRUCK TURN PLAN C-200 PAVING GRADING AND DRAINAGE PLAN C-201 GRADING ENLARGEMENT PLAN C-205 PAVING GRADING AND DRAINAGE DETAILS C-500 PHOTOMETRIC PLAN C-300 WATER AND SEWER UTILITY PLAN C-301 SEWER PLAN ENLARGEMENT C-305 CITY OF PORT ST. LUCIE UTILITY DETAILS C-306 CITY OF PORT ST. LUCIE UTILITY DETAILS C-307 CITY OF PORT ST. LUCIE UTILITY DETAILS
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C-308 CITY OF PORT ST. LUCIE UTILITY DETAILS

Sheet List Table

Sheet Title



LEGAL DESCRIPTION

COMMERCIAL PARCEL, PARCEL 1, PARCEL 2 AND PARCEL 3 OF SHOPPES AT THE HEART, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 108, PAGE 29, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, LYING IN SECTION 15, TOWNSHIP 37 SOUTH, RANGE 39 EAST, THE CITY OF PORT ST. LUCIE ST. LUCIE COUNTY, FLORIDA.

CONTAINING 15.293 ACRES, MORE OR LESS.

SAID LANDS SITUATE IN THE CITY OF PORT ST. LUCIE, ST. LUCIE COUNTY, FLORIDA.

Kimley» Horn

THIS PROJECT UTILIZES THE FDOT STANDARD PLANS AND SPECIFICATIONS - 2023 THROUGH 2024.

Sheet Number

THIS PROJECT UTILIZES THE PSLUSD 2019 STANDARDS AND SPECIFICATIONS, EFFECTIVE DATE OF 01/01/2019 AND AMENDMENT ONE TO THE STANDARDS EFFECTIVE 8/1/2024.

THIS PROJECT UTILIZES THE CITY OF PORT ST. LUCIE ENGINEERING STANDARDS FOR LAND DEVELOPMENT, 1ST EDITION - DECEMBER 2020.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT.
CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

VERTICAL DATUM
ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION.

CITY OF PORT ST. LUCIE PROJECT:
P25-084
PSLUSD PROJECT #
5211E-21

Know what's below.
Call before you dig.

T. LUCIE PROJECT #
5-084
PROJECT #
1E-21

SHEET NUMBER

C-000

AND ASSOCIATES, INC.

0, VERO BEACH, FL 32960
794-4100
REGISTRY NO. 35106
No.

© 2025 KIMLEY-HORN AND AS 445 24TH STREET, SUITE 200, VERC PHONE: 772-794-4'

CHRISTOPHER J. HOLLEY

DWN
P.E.
FLORIDA LICENSE NUMBER

74685

2/24/2025
SCALE AS SHOWN
DESIGNED BY ____
DRAWN BY ____

OVER SHEET

OMMERCIAL LOT 1

PREPARED FOR

EBB TRADITION SG3, LLC

MODIFIED HEREIN.

- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, NOC'S AND INSURANCE REQUIRED FOR THE WORK.
- CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION OF THE SITE PRIOR TO THE BEGINNING OF THE WORK. CONTRACTOR SHALL INFORM THE OWNER, COMPANY REPRESENTATIVE, CEC, UTILITY AUTHORITY AND INTERESTED AGENCIES AT LEAST 48 HOURS PRIOR TO THE SCHEDULED INSPECTION.
- . THE LOCATION OF UTILITIES SHOWN ON THE DRAWINGS ARE FROM THE SURVEY PROVIDED BY CAUFIELD & WHEELER, INC. ON FEBURARY 2, 2025. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM, IN THE FIELD, THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SHOULD CONDITIONS VARY FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO CONTINUING CONSTRUCTION.
- CONTRACTOR SHALL LOCATE, VERIFY AND IDENTIFY ALL EXISTING UNDERGROUND UTILITIES SHOWN, OR NOT SHOWN, ON THE PLANS PRIOR TO ANY EXCAVATING ACTIVITIES.
- CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT EXISTING AND NEWLY CONSTRUCTED UTILITIES DURING THE CONSTRUCTION. SHOULD ANY UTILITY LINE OR COMPONENT BECOME DAMAGED OR REQUIRE RELOCATION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RESPONSIBLE UTILITY COMPANY AND THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES CAUSED BY HIS OPERATIONS.
- CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH OTHER WORK WHICH MAY BE ONGOING ADJACENT TO, OR AFFECTING, THIS CONSTRUCTION. CONTRACTOR SHALL COOPERATE WITH OTHER CONTRACTORS AND ALL AFFECTED UTILITY COMPANIES.
- CONTRACTOR SHALL NOTIFY ALL APPLICABLE UTILITY COMPANIES AND THE ENGINEER 48 HOURS PRIOR TO THE INITIATING OF ANY EXCAVATION ACTIVITIES, OR AS SPECIFIED BY THE UTILITY COMPANY AND ANY PERMITS REQUIRED FOR THE WORK.
- 10. CONTRACTOR SHALL PROTECT EXISTING SURVEY MARKERS, MONUMENTS, ETC. DURING CONSTRUCTION. CONTRACTOR SHALL RESTORE/REPLACE ANY SURVEY MARKERS DAMAGED DURING CONSTRUCTION ACTIVITIES.
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL/DISPOSAL OF ANY UNSUITABLE MATERIAL FROM THE CONSTRUCTION OPERATION, FURNISHING AND COMPACTING SUITABLE REPLACEMENT BACKFILL MATERIAL. DISPOSAL OF UNSUITABLE MATERIAL SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- 12. CONSTRUCTION WARNING SIGNS SHALL BE MOUNTED AND ERECTED BEFORE CONSTRUCTION CAN COMMENCE. THESE, AND ALL TRAFFIC CONTROL DEVICES, SHALL FOLLOW THE STANDARDS SET FORTH BY THE MANUAL OF UNIFORM TRAFFIC DEVICES (MUTCD) AND FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX.
- 13. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARLY IDENTIFYING THE AREA OF CONSTRUCTION AND SAFELY ROUTING ALL VEHICULAR AND PEDESTRIAN TRAFFIC AROUND THE CONSTRUCTION AREA. THE CONSTRUCTION AREA SHALL BE CLEARLY MARKED AT ALL TIMES.
- 14. CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE EROSION AND TURBIDITY CONTROLS IN ACCORDANCE WITH FDEP DURING AND FOLLOWING CONSTRUCTION, UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED TO AVOID ADVERSE ENVIRONMENTAL IMPACTS TO OFF-SITE PROPERTY AND DRAINAGE
- 15. CONTRACTOR SHALL HYDRO SEED AND MULCH (OR SOD AS APPLICABLE) ALL AREAS DISTURBED BY THE CONSTRUCTION OF THIS PROJECT ACCORDING TO LOCAL REGULATIONS.
- 16. CONTRACTOR SHALL MAINTAIN "AS-BUILT" INFORMATION ON A REGULAR BASIS. CONTRACTOR SHALL EMPLOY THE SERVICES OF A SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO DETERMINE ALL "AS-BUILT" INFORMATION. WITHIN 14 DAYS OF THE COMPLETION OF THE WORK, CONTRACTOR SHALL PROVIDE SIGNED AND SEALED COPIES AND THE DIGITAL CAD FILE OF THE "AS-BUILT" DRAWINGS AND SUPPORTING SURVEY RECORDS TO THE ENGINEER. "AS-BUILT" DRAWINGS ARE TO BE IN ACCORDANCE WITH THE CITY OF PORT ST. LUCIE REQUIREMENTS.
- 17. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PRODUCE, AS-BUILT DRAWINGS FOR ANY JURISDICTIONAL AGENCIES AS MAY BE REQUIRED FOR PROJECT CERTIFICATION.
- 18. CONTRACTOR SHALL GIVE THE ENGINEER A MINIMUM OF 48 HOURS NOTICE OF ALL MEETINGS OR TESTING MEASURES REQUIRED TO BE WITNESSED BY THE CONSTRUCTION ACTIVITIES RELATED TO THE WORK.
- 19. THE CONTRACTOR SHALL SUBMIT FIVE (5) SETS OF STANDARD SHOP DRAWINGS AND MANUFACTURER'S CATALOGS WITH THE MODEL NUMBER OR TYPE OF THE ITEM ENCIRCLED OR OTHERWISE DESIGNATED. THE SUBMITTALS SHALL BEAR THE APPROVAL OF THE UNDERGROUND UTILITY CONTRACTOR. ALL UTILITY SHOP DRAWINGS WILL NEED TO BE APPROVED BY THE ENGINEER OF RECORD AND CITY OF PORT ST. LUCIE PRIOR TO CONSTRUCTION.
- 20. THE CONTRACTOR SHALL SUBMIT FIVE (5) SETS OF COMPLETE DETAILED SHOP DRAWINGS FOR ALL SANITARY MANHOLÈS, WET WELLS, OTHER CASTINGS, AND PUMPS. THE SUBMITTALS SHALL BEAR THE APPROVAL OF THE UNDERGROUND UTILITY CONTRACTOR ON EACH SHEET. A COMPLETE SET OF THE LIFT STATION ELECTRICAL SHOP DRAWINGS IS ALSO REQUIRED IF APPLICABLE. ALL UTILITY SHOP DRAWINGS WILL NEED TO BE APPROVED BY THE ENGINEER OF RECORD AND CITY OF PORT ST. LUCIE PRIOR TO CONSTRUCTION.

GENERAL UTILITY NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF PORT ST LUCIE UTILITY SYSTEMS DEPARTMENT UTILITY STANDARDS MANUAL AND THE CITY OF PORT ST. LUCIE LAND DEVELOPMENT CODE, DETAILS AND SPECIFICATIONS, AS WELL AS ALL APPLICABLE STATE AND LOCAL REGULATIONS, EXCEPT AS MODIFIED HEREIN.
- 2. IF SOLVENT CONTAMINATION IS FOUND IN ANY TRENCH, WORK WILL BE STOPPED AND THE CEC, OWNER, AND THE PROPER AUTHORITIES NOTIFIED. THE ST. LUCIE COUNTY HEALTH DEPARTMENT MAY GRANT APPROVAL OF THE USE OF DUCTILE IRON PIPE, FITTINGS AND APPROVED SOLVENT RESISTANT GASKET MATERIAL IN THE CONTAMINATED AREA. THIS APPROVAL MUST BE GRANTED IN WRITING AND PROVIDED TO CEC, AND PROPERTY OWNER. DUCTILE IRON PIPE SHALL EXTEND AT LEAST 100 FEET BEYOND ANY CONTAMINATED AREA.
- 3. VERTICAL LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLAN AND PROFILE SHEETS HAVE BEEN ASSUMED. CONTRACTOR SHALL EXERCISE CAUTION DURING EXCAVATION NEAR EXISTING UTILITIES SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF THE LOCATION DIFFERS FROM THAT SHOWN BEFORE CONTINUING WITH THE CONSTRUCTION.
- 4. UNSUITABLE MATERIALS UNDER PROPOSED PIPING SHALL BE REMOVED AND REPLACED WITH SELECT BACKFILL, PROPERLY COMPACTED TO 95% OF MAXIMUM DENSITY PER AASHTO T-180.
- 5. FITTINGS SHALL BE USED AT LOCATIONS INDICATED ON THE PLANS, UNLESS OTHERWISE APPROVED BY THE ENGINEER. THRUST BLOCKING SHALL BE USED WHERE REQUIRED BY THE CITY OF PORT ST. LUCIE.
- 6. THE LENGTH OF TRENCH OPEN AT ANY ONE TIME SHALL BE CONTROLLED BY THE PARTICULAR SURROUNDING CONDITIONS, BUT SHALL BE LIMITED TO 300 LINEAR FEET UNLESS APPROVED BY THE ENGINEER IN WRITING.
- 7. NO CONNECTIONS TO EXISTING POTABLE WATER SYSTEMS SHALL BE ALLOWED UNTIL ALL PROPOSED WATER LINES HAVE BEEN PRESSURE TESTED, DISINFECTED, CLEARED FOR SERVICE AND ACCEPTED BY THE CITY OF PORT ST. LUCIE AND FDEP.
- 8. THE BACTERIOLOGICAL SAMPLE POINTS SHALL BE INDICATED IN RED ON THE "AS BUILT" DRAWINGS PRIOR TO THE REQUEST FOR A LETTER OF RELEASE TO PLACE THE CONSTRUCTION INTO SERVICE. THE SAMPLE NUMBERS WILL CORRESPOND TO THOSE ON THE BACTERIOLOGICAL SAMPLE LAB SHEETS.

WATER / SEWER SEPARATION:

- 1. SANITARY SEWERS (INCLUDING LATERALS), FORCE MAINS, AND STORM SEWERS SHALL CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS, FORCE MAINS AND STORM SEWERS CROSSING WATER MAINS SHALL BE INSTALLED TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE.
- 2. A FULL, UNCUT LENGTH OF WATER MAIN PIPE, AT LEAST 20 FEET IN LENGTH, SHALL BE CENTERED AT THE POINT OF CROSSING OF ALL WATER AND SEWER PIPING, REGARDLESS OF THE VERTICAL SEPARATION.
- 3. WATER MAINS SHALL BE LOCATED AT LEAST 10 FEET HORIZONTALLY FROM PIPES CARRYING RAW WASTEWATER, AND 10 FEET HORIZONTALLY FROM PIPES CARRYING RECLAIMED WATER. THE DISTANCE SHALL BE MEASURED FROM OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE. WATER MAINS SHALL BE LAID TO PROVIDE A SEPARATION OF AT LEAST 18 INCHES BETWEEN THE BOTTOM OF WATER MAIN AND THE TOP OF SEWER OR RECLAIMED WATER PIPE. WATER MAINS SHALL CROSS ABOVE SEWER OR RECLAIMED WATER PIPE WITH A VERTICAL SEPARATION OF AT LEAST 18 INCHES.

WASTEWATER COLLECTION SYSTEMS

- 1. MATERIALS AND INSTALLATION FOR WASTEWATER COLLECTION SYSTEM INCLUDING, BUT NOT LIMITED TO, GRAVITY SEWERS, MANHOLES, SERVICE LATERALS, FORCEMAINS, LIFT STATIONS, AND TESTING REQUIREMENTS SHALL CONFORM TO THE CITY OF PORT ST LUCIE UTILITY SYSTEMS DEPARTMENT UTILITY STANDARDS MANUAL AND THE CITY OF PORT ST. LUCIE LAND DEVELOPMENT CODE AND ALL APPLICABLE FDEP REGULATIONS. ALL PVC GRAVITY SEWER SHALL BE SDR-26. FOR SEWER DEEPER THAN 15' DEEP, THE PIPE SHALL MEET THE PSLUSD SPECIFICATIONS FOR PRESSURE MAINS.
- 2. WYE GRAVITIES FOR LATERAL SERVICE SHALL BE SIX (6) INCHES I.D.
- 3. PLUGS SHALL BE OF THE SAME MATERIAL AS THE PIPE, GASKETED, AND SHALL WITHSTAND THE REQUIRED TEST PRESSURE.
- 4. LEAKAGE TEST SHALL BE IN ACCORDANCE WITH CITY OF PORT ST. LUCIE AND AWWA C-600, SECTION 5.2.

GENERAL SEPARATION NOTE:

1. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE)

Received 9.18.25

WATER DISTRIBUTION SYSTEMS

1. MATERIALS AND INSTALLATION FOR WATER DISTRIBUTION SYSTEM INCLUDING, BUT NOT LIMITED TO, PIPE FITTINGS, VALVES, JOINT RESTRAINTS, FIRE HYDRANTS, SERVICE LINES, TESTING, AND DISINFECTION SHALL CONFORM TO THE CITY OF PORT ST LUCIE UTILITY SYSTEMS DEPARTMENT UTILITY STANDARDS MANUAL AND THE CITY OF PORT ST. LUCIE LAND DEVELOPMENT CODE AND ALL APPLICABLE FDEP REGULATIONS. ALL PVC PIPE SHALL BE SDR-18 UNLESS SPECIFIED OTHERWISE.

WATER AND SEWER UTILITY NOTES

- 1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- 2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET.
- 3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
- 4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE
- 5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING. SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
- 7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- 8. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.
- 9. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE. BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.
- 10. AIR RELEASE VALVES MAY BE REQUIRED IN ADDITION TO WHAT IS SHOWN ON THE PLANS AND ALSO MAY NEED TO BE MOVED IF HIGH POINTS ARE BUILT IN AREAS OTHER THAN WHAT IS SHOWN ON THE PLANS.

GENERAL STRIPING AND SIGNAGE NOTES:

1. ALL STRIPING AND SIGNAGE SHALL BE IN ACCORDANCE WITH FDOT AND LATEST EDITION OF MUTCD.

PAVING, GRADING AND DRAINAGE NOTES

- 1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
- 3. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN CITY'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR CITY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL REGULATIONS.
- 4. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
- 5. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURÍSDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- 6. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
- 7. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED
- 8. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
- CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
- 10. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED
- 11. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED
- 12. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN
- 13. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- PLANS. THE AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.
- UNLESS OTHERWISE SHOWN.
- RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
- 18. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS
- RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.
- 20. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL
- MANUFACTURER'S RECOMMENDATIONS.
- 22. PLOT PLAN ENGINEER/SURVEYOR IS RESPONSIBLE FOR ADJUSTING INDIVIDUAL LOT GRADING AND DRAINAGE STRUCTURE RIM ELEVATIONS WITHIN THE SUBJECT LOT TO ACCOMMODATE LOT
- 23. FINISHED FLOOR ELEVATIONS (FFE) SHOWN ON THE PLANS IS THE MINIMUM FFE. FFE CAN BE RAISED DURING PLOT PLAN DÈSIGN BUT CANNOT BE LOWERED.
- 24. FFE'S DENOTED ON THE PLANS ARE ASSUMED TO BE APPLIED TO THE LOWEST CONCRETE SLAB
- 25. AT TIME OF MASTER COMMUNITY INFRASTRUCTURE INSTALLATION, UTILITY SERVICES ARE DESIGNED WITHOUT THE KNOWLEDGE OF INDIVIDUAL PLOT PLANS/FLOOR PLANS/BUILDING OPTIONS. UPON PRODUCTION OF THE PLOT PLAN, BY THE PLOT PLAN ENGINEER/SURVEYOR, UTILITY SERVICES SHALL BE VERIFIED AND COORDINATED BETWEEN THE PLOT PLAN ENGINEER/SURVEY AND HOME BUILDER TO VERIFY THAT WATER METERS AND SANITARY SEWER CLEANOUTS ARE FREE AND CLEAR FROM DRIVEWAYS AND SIDEWALKS.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. ONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF

.988 (NAVD '88). SUBTRACT 1,50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION

Know what's **below**. Call before you dig.

> CITY OF PORT ST. LUCIE PROJECT: P25-084 PSLUSD PROJECT # 5211E-21

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2. IN THE EVENT OF CONFLICTING SPECIFICATIONS WITH THESE NOTES AND THE UTILITY STANDARDS MANUAL, THE MORE STRINGENT REQUIREMENT APPLIES.

FROM THE EDGE OF PAVEMENT TO THE PROPERTY LINE WITHIN THE CITY'S

1. THE PROPERTY OWNER, CONTRACTOR AND AUTHORIZED REPRESENTATIVES

RIGHT-OF-WAY IN ACCORDANCE WITH CITY CODE. SECTION 41.08(a)

SHALL PROVIDE PICKUP. REMOVAL AND DISPOSAL OF LITTER WITHIN THE

PROJECT LIMITS AND SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE AREA

NOTE:

OTHERWISE ON THE LANDSCAPE PLAN. 9. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE

PAVEMENT UNLESS OTHERWISE INDICATED.

DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.

LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.

14. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER

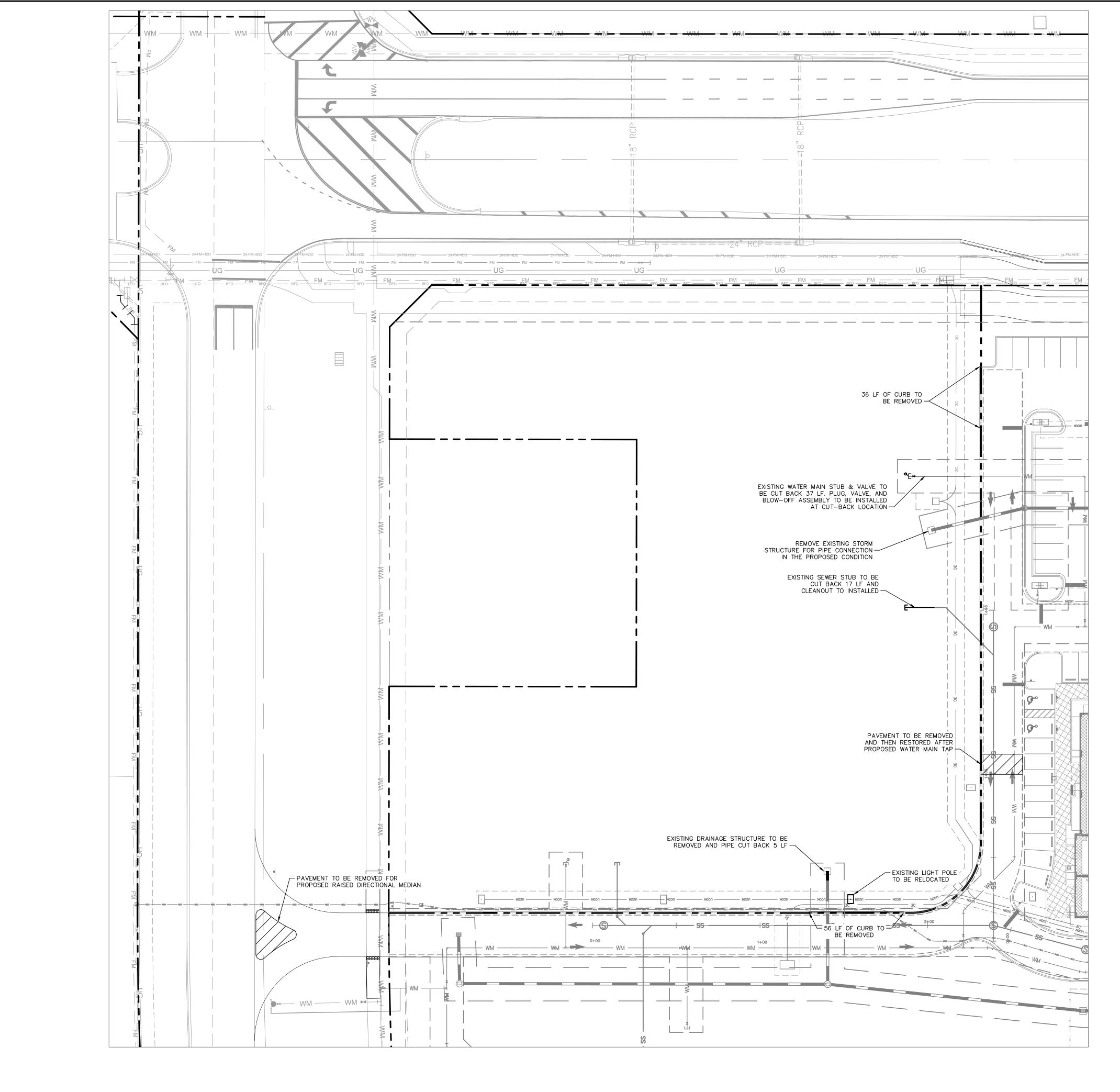
15. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER

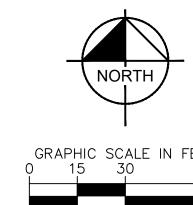
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT

17. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY,

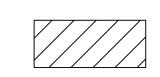
NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.

- 19. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL
- 21. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER
- SPECIFIC BUILDINGS, BUILDING OPTIONS (PORCHES/LANAIS), AC PADS, AND DRIVEWAYS.
- OF THE PLOT PLANS.





LEGEND PROPERTY LINE



PAVEMENT TO BE REMOVED

DEMOLITION NOTES

- 1. THE INTENT OF THE DEMOLITION PLAN IS TO DEPICT ALL EXISTING FEATURES THAT ENCUMBER THE PROPOSED CONSTRUCTION AREA AND ARE SCHEDULED FOR REMOVAL. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE PLAN. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN ON THIS DEMOLITION PLAN.
- 2. THIS DEMOLITION PLAN IS BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY.
- 3. CONTRACTOR IS REQUIRED TO OBTAIN ALL DEMOLITION PERMITS. 4. ALL FEATURES IDENTIFIED ON THIS PLAN WHICH ARE LISTED TO BE DEMOLISHED ARE TO BE REMOVED FROM THE SITE. AFTER DEMOLITION IS COMPLETE THE SITE SHALL BE DELIVERED IN A
- CONDITION SUITABLE FOR DEVELOPMENT.

 5. CONTRACTOR SHALL LIMIT ALL DEMOLITION ACTIVITIES TO THOSE AREAS DELINEATED ON THE CONSTRUCTION DRAWINGS UNLESS OTHERWISE DIRECTED BY THE DEVELOPER OR AS REQUIRED FOR CONSTRUCTION OF IMPROVEMENTS.
- 6. CONTRACTOR TO COORDINATE WITH ALL UTILITY OWNERS PRIOR TO DEMOLITION TO ENSURE SERVICES HAVE BEEN DISCONNECTED. 7. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING AIRBORNE DUST AND POLLUTANTS BY USING
- WATER SPRINKLING OR OTHER SUITABLE MEANS OF CONTROL. 8. CONTRACTOR TO USE CARE IN HANDLING DEBRIS FROM SITE TO ENSURE THE SAFETY OF THE PUBLIC. HAUL ROUTE TO BE CLOSELY MONITORED FOR DEBRIS OR MATERIALS TRACKED ONTO ADJOINING ROADWAYS, SIDEWALKS, ETC. ROADWAYS AND WALKWAYS TO BE CLEARED DAILY OR
- AS NECESSARY TO MAINTAIN PUBLIC SAFETY. 9. DE-WATERING SHOULD BE ANTICIPATED AND INCLUDED.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF

1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATIOI

- 10. ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS. 11. WHERE REMAINING, INLETS, MANHOLE COVERS, AND VALVE COVERS TO BE PROTECTED IN
- PAVEMENT REMOVAL AREAS. 12. SEE SITE AND IMPROVEMENTS PLANS FOR LIMITS AND GRADING OF RESURFACED DRIVEWAYS
- AND ENTRANCES. 13. SEE LANDSCAPE PLAN FOR TREE REMOVAL/RELOCATION AND TREE PROTECTION.
- 14. SEE EROSION CONTROL PLAN FOR REMAINING INLET PROTECTION AND EROSION PREVENTION. 15. ALL ITEMS NOT CALLED OUT TO BE REMOVED SHALL BE PROTECTED IN PLACE.

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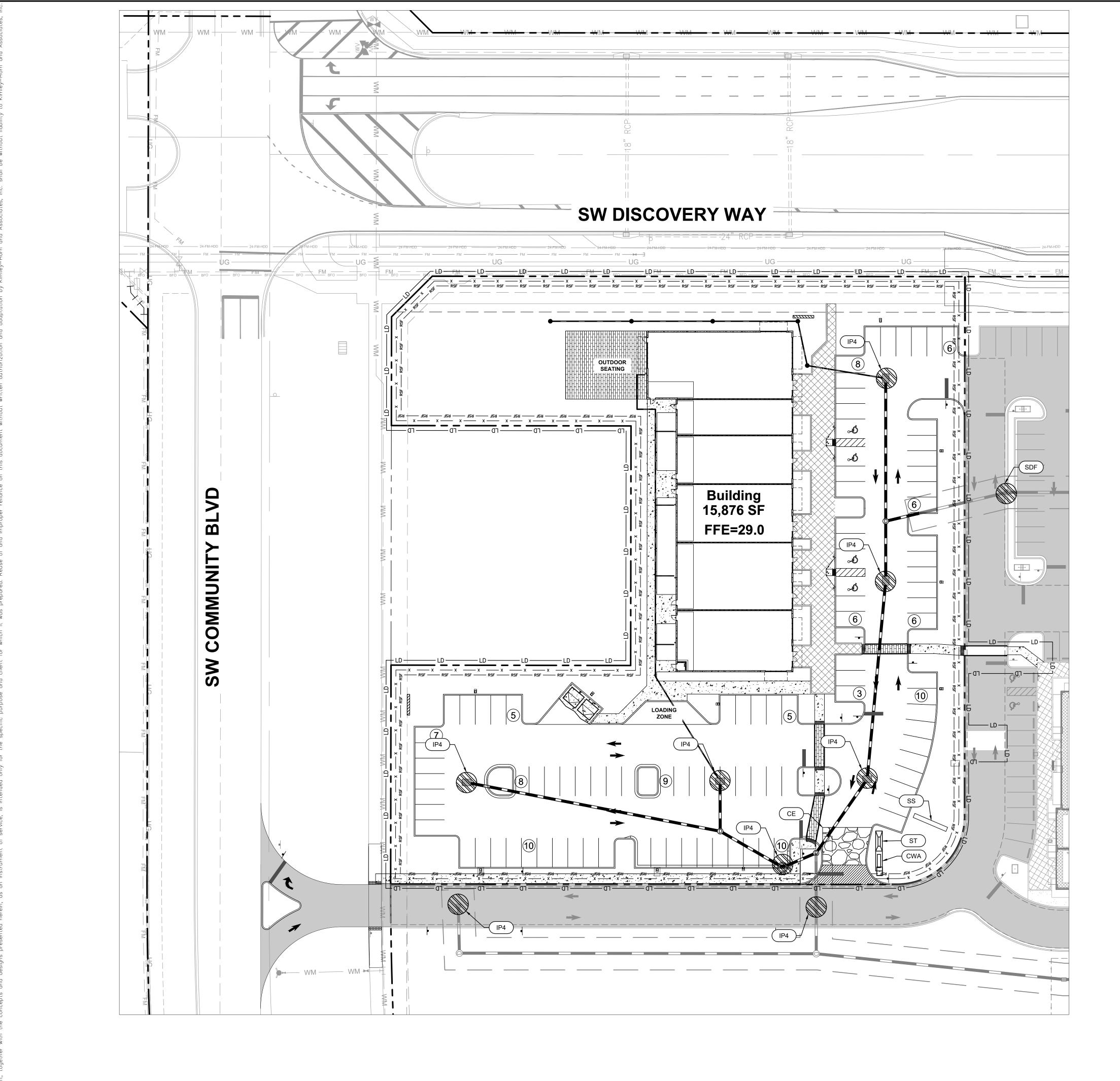
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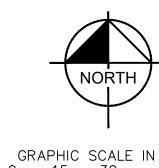
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P25-084 PSLUSD PROJECT # 5211E-21

CITY OF PORT ST. LUCIE PROJECT

SHEET NUMBER C-050





EROSION CONTROL LEGEND

TEMPORARY CONSTRUCTION EXIT (SEE E&S DETAIL SHEETS)

— × — × — PROPOSED CONSTRUCTION FENCE

-ш------ PROPOSED LIMITS OF DISTURBANCE

PROPOSED SEDIMENTATION/ SILT FENCE WITH WIRE SUPPORT (SEE E&S DETAIL SHEETS)

CONSTRUCTION EXIT/ENTRANCE MOBILE CONCRETE WASH AREA

TEMPORARY SEDIMENT TRAP

SILT FENCE INLET PROTECTION

SWPPP INFORMATION SIGN

SOCK DRAIN INLET SEDIMENT FILTER

INLET PROTECTION

LEGEND

PROPERTY LINE PROPOSED ROADWAY CURB

PROPOSED STORM PROPOSED CATCH BASIN

PROPOSED CURB INLET

SWPPP NOTES

SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.

2. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY 11. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.

3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.

4. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY 13. PROPERTIES AND WATERWAYS DOWNSTREAM FROM PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT

ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.

INTEGRITY. ANY DAMAGED DEVICES SHALL BE DEWATERING ACTIVITIES. CORRECTED IMMEDIATELY.

CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED 17. THE POLLUTION PREVENTION PLAN IS A MINIMUM

8. SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL 18. NOI TO BE POSTED ON SITE. STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.

9. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.

1. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, 10. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.

> INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING

12. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.

14. EROSION CONTROL DESIGN AND CONSTRUCTION 5. A PERMANENT VEGETATIVE COVER SHALL BE SHALL FOLLOW THE REQUIREMENTS IN THE "FLORIDA EROSION AND SEDIMENT CONTROL MANUAL" AND COUNTY PERMITS.

6. AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT 15. CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE CONTROL STRUCTURES WILL BE INSPECTED FOR WATER DISCHARGES, RAINFALL RUN OFF OR

16. CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.

GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF

P25-084 PSLUSD PROJECT# 1988 (NAVD '88), SUBTRACT 1,50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION 5211E-21

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SHEET NUMBER

Section 1	Project Name and location information:	SG-3 NORTHWEST OUTPARCEL COMMERCIAL LOT 1, PORT ST. LUCIE, FLORIDA.			
Section 2	Describe the nature of the construction activity:	CONSTRUCTION ACTIVITIES CONSIST OF THE			
	,	DEVELOPMENT OF A 2.51-ACRE COMMERCIAL OUTPARCEL WITHIN THE CITY OF PORT ST. LUCIE, FLORIDA.			
Section 3	Describe the intended sequence of major soil disturbing activities:	- 0-2 DAYS - SITE PREP AND STABILIZED CONSTRUCTION ENTRANCE - 3-6 DAYS - INSTALL PERIMETER SEDIMENT AND EROSIO CONTROLS - 7-60 DAYS - INSTALL STORMWATER RETENTION BASIN - 7-10 DAYS - CLEARING/GRUBBING OVER ALL AREAS - 11-90 DAYS - SITE GRADING - 90-150 DAYS - INSTALL STORM SEWER AND UTILITIES - 150-180 DAYS - STABILIZE SITE			
Section 4	Total area of the site:	2.51 AC			
Section 5 Section 6	Total area of the site to be disturbed: Existing data describing the soil or quality of any stormwater discharge from the site:	2.51 AC THE MOST PROMINENT SOIL ON SITE IS WINDER SAND.			
Section 7	Estimate the drainage area size for each discharge point:	2.51 AC			
Section 8	Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	LAT: 27° 15' 12" N LON: 80° 25' 51" W THE PROPOSED SITE DISCHARGES INTO THE EXISTING SHOPPES AT THE HEART DRAINAGE SYSTEM. THE EXISTING SYSTEM OUTFALLS INTO THE EXISTING WET POND IN THE TELARO SINGLE FAMILY HOME COMMUNITY TO THE SOUTH.			
Section 9	implemented at the construction site for each activit disturbing activities section. Provide time frames in NOTE: All controls shall be consistent with perform and stormwater treatment set forth in s. 62-40.432, l. Resource Permitting requirements of the Department	which the controls will be implemented. mance standards for erosion and sediment control F.A.C., the applicable Stormwater or Environmental nt or a Water Management District, and the guidelines			
	FDEP, and any subsequent amendments. 1. INSTALL STABILIZED CONSTRUCTION EXIT(S) AND SW 2. INSTALL SILT FENCE(S) ON THE SITE (CLEAR ONLY TI 3. PREPARE TEMPORARY PARKING AND STORAGE ARE 4. ORANGE PROTECTIVE FENCE AROUND ANY LAND TO TREES/WETLANDS. 5. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUGORED CLEARING AND GRUBBING THE SITE. 7. BEGIN GRADING THE SITE.	HOSE AREAS NECESSARY TO INSTALL SILT FENCE). A. BE PRESERVED IF NECESSARY, INCLUDING			
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Section 14	_				
	Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:	All construction materials and debris will be placed in a dumpster and hauled off site to a landfill or other proper disposal site. No materials will be buried on site.			
ection 15 Offsite vehicle tracking from construction entrances/exits:		Off site vehicle tracking of sediments and dust generation will be minimized via a rock construction entrance, street sweeping and the use of water to keep dust down.			
Section 16	The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:	Florida-friendly fertilizers and pesticides will be used at a minimum and in accordance with the manufacturer's suggested application rates.			
Section 17	The storage, application, generation and migration of all toxic substances:	All paints and other chemicals will be stored in a locked covered shed.			
Section 18	Other:	Port-o-lets will be placed away from storm sewer systems, storm inlet(s), surface waters and wetlands. No vehicle maintenance shall be conducted on-site. A washdown area shall be designated at all times and will not be located in any area that will allow for the discharge of polluted runoff.			
Section 19	Provide a detailed description of the maintenance pla assure that they remain in good and effective operation				
	 stringent: Silt fence shall be inspected at least weekly. Any rec Sediment deposits shall be removed when they reach barrier. Maintenance shall be performed on the rock entrar sediment. Inlet(s)/outfalls shall be inspected immediately after to the filter inlets, silt fence, or filter fabric shall be performed on the rock entrar sediment. Maintenance shall be inspected immediately after to the filter inlets, silt fence, or filter fabric shall be performed on the site areas of the site that were previously seeded slinstructions. Mulch and sod that has been washed out shall be reconstitution all other areas of the site with proper contents. 	approximately one-half the height of the ace when any void spaces are full of ar each rain event and any required repairs erformed immediately. The hall be reseeded per manufactures'			
Section 20	Inspections: Describe the inspection and inspection NPDES Generic Permit for Stormwater Discharge f				
		O			
	Qualified personnel will inspect all points of discharg not been stabilized, constructed areas and locations v BMPs at least once every 7 calendar days and within inches or greater. Where sites have been finally stabil once every month until the Notice of Termination is	ges, all disturbed areas of construction that have where vehicles enter and exit the site, and all 24 hours of the end of a rainfall event that is 0.5 lized, said inspections shall be conducted at least			
Section 21	not been stabilized, constructed areas and locations v BMPs at least once every 7 calendar days and within inches or greater. Where sites have been finally stabil once every month until the Notice of Termination is	ges, all disturbed areas of construction that have where vehicles enter and exit the site, and all 24 hours of the end of a rainfall event that is 0.5 lized, said inspections shall be conducted at least filed. discharges as allowed by the FDEP NPDES Generic			
Section 21	not been stabilized, constructed areas and locations of BMPs at least once every 7 calendar days and within inches or greater. Where sites have been finally stabil once every month until the Notice of Termination is Identify and describe all sources of non-stormwater of Permit for Stormwater Discharge from Large and Small Contractor is responsible for all surface water disc 2. Contractor must incorporate all BMP's necessary trequirements.	ges, all disturbed areas of construction that have where vehicles enter and exit the site, and all 24 hours of the end of a rainfall event that is 0.5 lized, said inspections shall be conducted at least filed. discharges as allowed by the FDEP NPDES Generic nall Construction Activities. harges, rainfall run off or dewatering activities.			
Section 21	not been stabilized, constructed areas and locations of BMPs at least once every 7 calendar days and within inches or greater. Where sites have been finally stabil once every month until the Notice of Termination is Identify and describe all sources of non-stormwater of Permit for Stormwater Discharge from Large and Small Contractor is responsible for all surface water disc 2. Contractor must incorporate all BMP's necessary trequirements. 3. Dewatering from construction activities may be discontinuously.	ges, all disturbed areas of construction that have where vehicles enter and exit the site, and all 24 hours of the end of a rainfall event that is 0.5 lized, said inspections shall be conducted at least filed. discharges as allowed by the FDEP NPDES Generic nall Construction Activities. tharges, rainfall run off or dewatering activities. To meet or exceed state water quality and SWPPPP scharged offsite as long as SFWMD permit conditions.			

Section 22	Name
NOTE: CONTRA	ACTOR SHALL FILL OUT THE RESPONSIBLE ENTITIES TABLE ABOVE

RESPONSIBLE ENTITIES

THE SWPPP MUST CLEARLY IDENTIFY, FOR EACH MEASURE IDENTIFIED WITHIN THE SWPPP, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT EACH MEASURE. ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) THAT WILL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF THE MEASURES IDENTIFIED IN THE SWPPP MUST SIGN THE FOLLOWIN

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THERE UNDER."

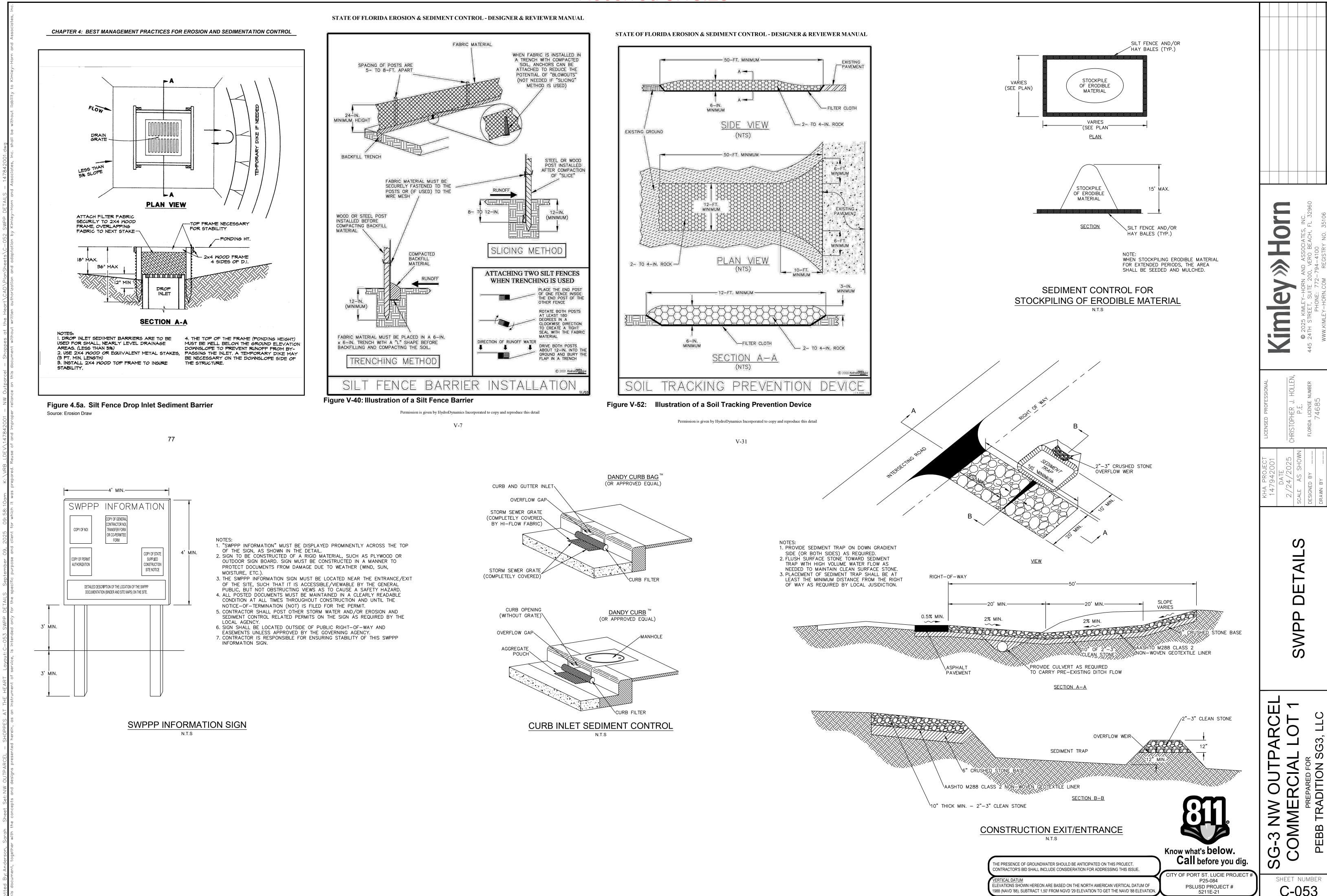
Know what's below. Call before you dig.

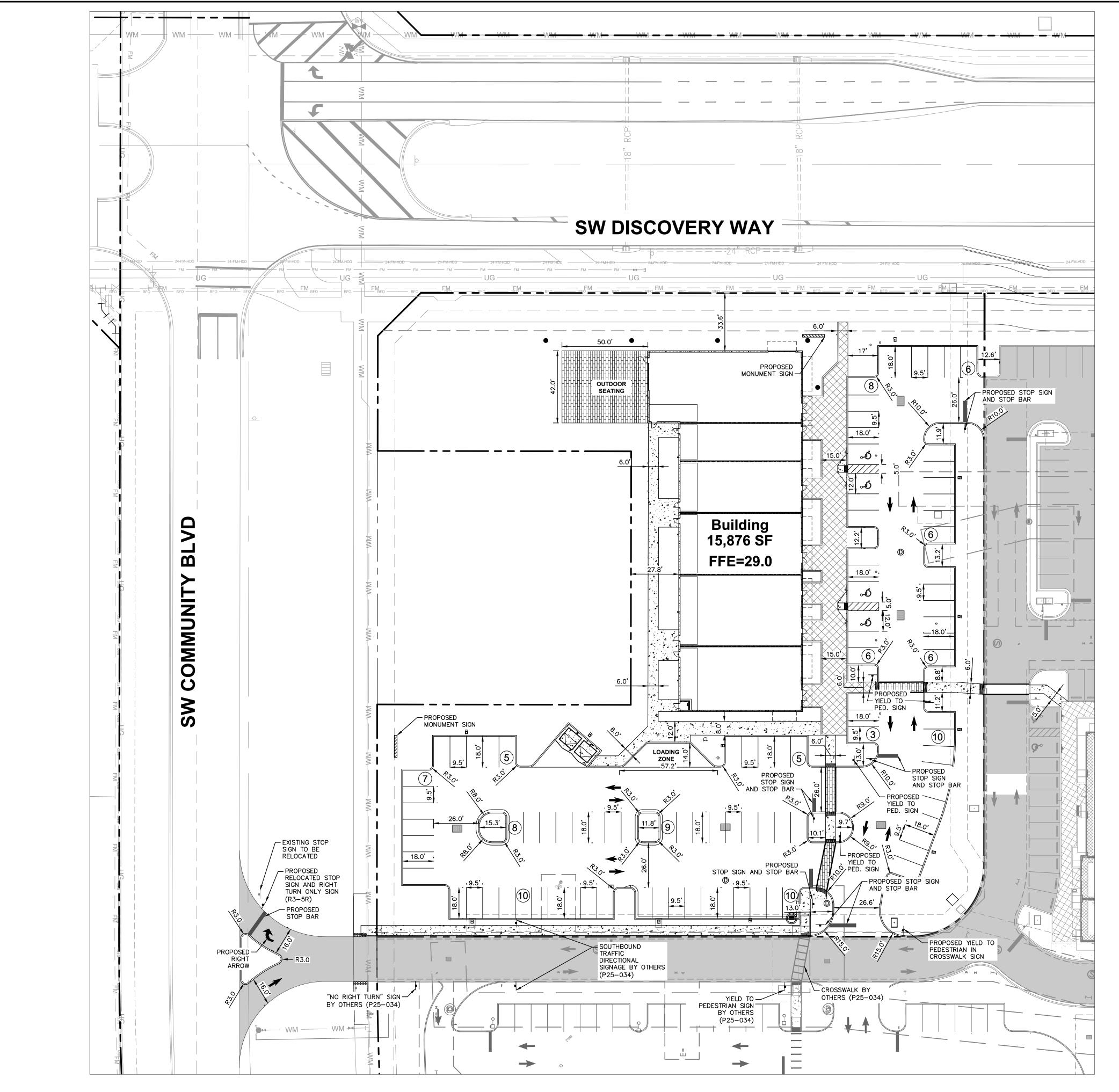
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

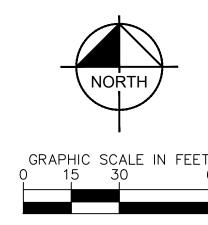
VERTICAL DATUM
ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION.

CITY OF PORT ST. LUCIE PROJECT # P25-084 PSLUSD PROJECT # 5211E-21

SHEET NUMBER C-052







LEGEND

LLOLIND	
	PROPERTY LINE
	■ PARCEL BOUNDARY
——— w ———— w ———	 PROPOSED WATER MAIN
ws ws	 PROPOSED WATER SERVICE
H	PROPOSED WATER GATE VALVE
4	PROPOSED REDUCER
<u></u>	PROPOSED FIRE HYDRANT ASSEMBLY
S	PROPOSED SANITARY SEWER MANHOLE
———— SS ————	 PROPOSED SANITARY SEWER MAIN
	PROPOSED STORM SEWER PIPE
	PROPOSED ROADWAY CURB INLET - TYPE P-5
	PROPOSED STORM MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED CURB INLET TYPE P-9
	PROPOSED TRANSFORMER PAD

GENERAL NOTES:

- 1. HAZARDOUS WASTE DISPOSAL SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS
- 2. ALL LANDSCAPE AREAS ABUTTING VEHICULAR USE AREAS SHALL BE CURBED OR PROTECTED BY CURB STOPS. 3. ALL BUILDING, PARKING AND ACCESS AREAS SHALL DOCUMENT COMPLIANCE WITH THE REQUIREMENTS OF THE
- AMERICAN DISABILITIES ACT PRIOR TO THE ISSUANCE OF BUILDING PERMIT. 4. SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN THE PLACE PRIOR TO THE COMMENCEMENT OF
- CONSTRUCTION ACTIVITIES.
- THE CITY OF PORT ST. LUCIE. 6. NO LANDSCAPING OTHER THAN GRASSES SHALL BE LOCATED WITHIN 10' OF A CITY UTILITY LINE OR APPURTENANCE. ALL OTHER UTILITIES SHALL BE A MINIMUM OF 5' HORIZONTAL SEPARATION FROM CITY UTILITY MAINS FOR PARALLEL
- INSTALLATIONS AND A MINIMUM 18" BELOW CITY MAINS. (ALL MEASUREMENTS ARE TAKEN FROM OUTSIDE TO OUTSIDE) 7. NO LANDSCAPING SHALL BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND MAINTENANCE OF ANY EXISTING UTILITY.
- 8. THIS APPLICATION IS NOT VESTED FOR ANY MUNICIPAL FEES. ALL FEES ARE CALCULATED AT TIME OF PAYMENT. THIS INCLUDES SPECIFICALLY IMPACT FEES, UPLAND PRESERVE FEES AND ANY ADMINISTRATIVE REVIEW FEES FOR CITY DEPARTMENTS. NO FEES ARE VESTED BASED ON DATE OF CITY COUNCIL APPROVAL 9. SIGNS ARE NOT PART OF THIS REVIEW AND SHALL BE PERMITTED SEPARATELY FROM THE APPLICATION. (SEE CHAPTER
- 155 (SIGN CODE) CITY OF PORT ST. LUCIE LAND DEVELOPMENT REGULATIONS.) 10. THE PROPERTY OWNER, CONTRACTOR, AND AUTHORIZED REPRESENTATIVES SHALL PROVIDE PICKUP, REMOVAL, AND
- DISPOSAL OF LITTER WITHIN THE PROJECT LIMITS AND SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE AREA FROM THE EDGE OF PAVEMENT TO THE PROPERTY LINE WITH IN THE CITY'S RIGHT-OF-WAY IN ACCORDANCE WITH CITY CODE, SECTION 41.08 (G)
- 11. FENCE POSTS SHOULD AVOID UTILITY SERVICE LINES AT ALL TIMES.
- 12. UTILITY SERVICES CAN BE CONNECTED ONLY AFTER THE MAINS ARE INSTALLED AND TURNED OVER TO THE CITY. 13. CONTRACTOR TO INSTALL SLEEVES AROUND EXISTING CITY IRRIGATION MAIN LINES RUNNING ACROSS PROPOSED

HORIZONI CONTROL F

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Know what's below.

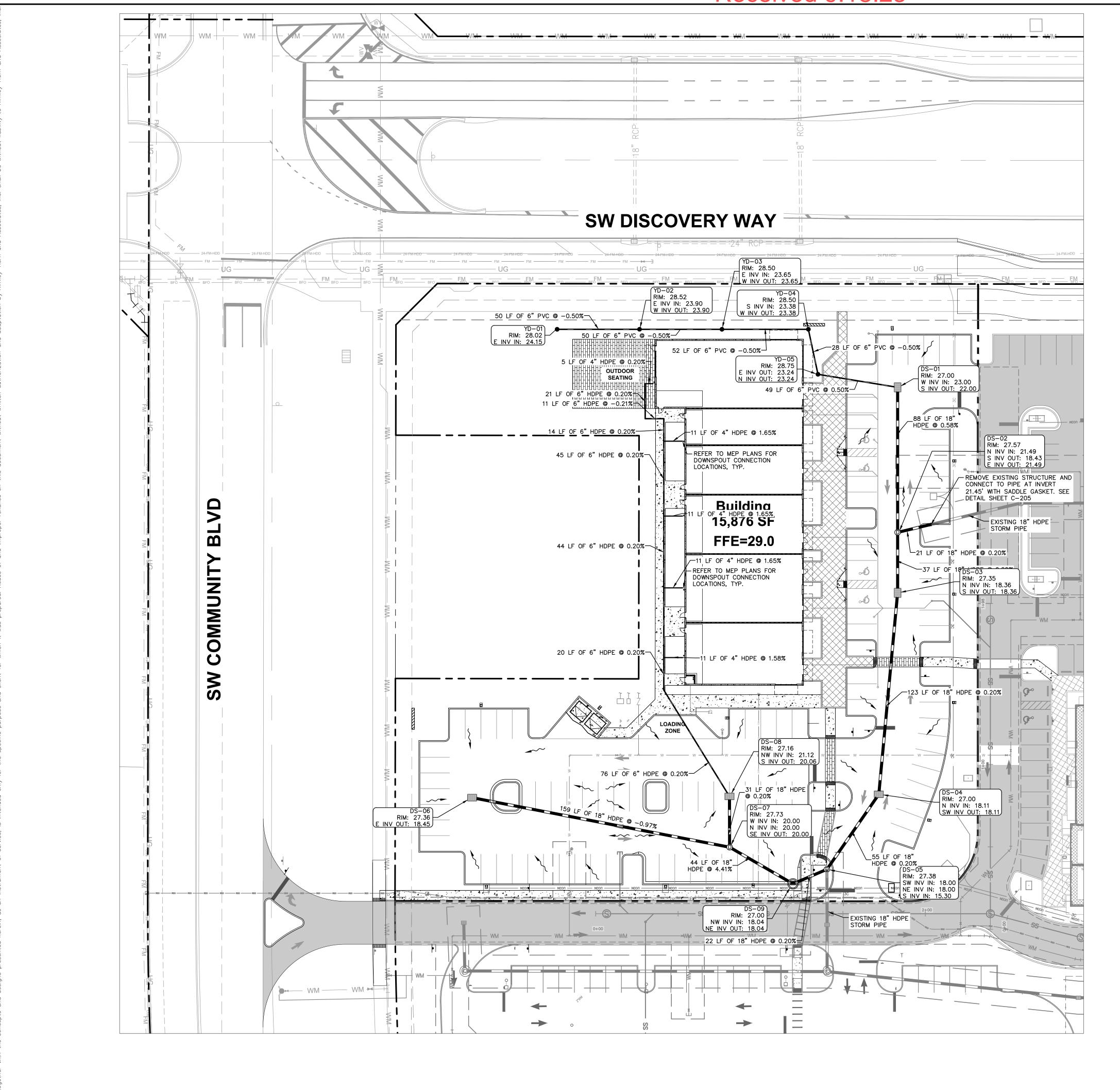
Call before you dig.

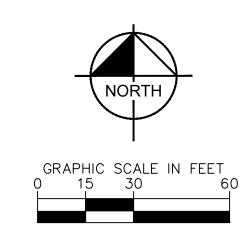
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

P25-084 PSLUSD PROJECT# ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATIO 5211E-21

SHEET NUMBER C-100

CITY OF PORT ST. LUCIE PROJECT





LEGEND

PROPERTY LINE PARCEL BOUNDARY ----- W ------ PROPOSED WATER MAIN — ws — PROPOSED WATER SERVICE PROPOSED WATER GATE VALVE PROPOSED REDUCER PROPOSED FIRE HYDRANT ASSEMBLY PROPOSED SANITARY SEWER MANHOLE - PROPOSED SANITARY SEWER MAIN PROPOSED STORM SEWER PIPE PROPOSED ROADWAY CURB INLET - TYPE P-5 PROPOSED STORM MANHOLE PROPOSED CATCH BASIN PROPOSED CURB INLET TYPE P-9

PROPOSED TRANSFORMER PAD

EXISTING ASPHALT PROPOSED ASPHALT (STANDARD DUTY)

PAVERS - SEE HARDSCAPE PLANS BY OTHERS

STAMPED CONCRETE - DETAIL ON SHEET C-205

© 7

GENERAL NOTES:

1. MINIMUM CROWN OF ROAD = 27.00'

MINIMUM FINISHED FLOOR ELEV. = 28.50' CONTROL WATER ELEVATION = 24.00' NAVD 88'

2. CONTRACTOR TO CONSTRUCT DRAINAGE STRUCTURES WITH USF GRATES, RIMS AND COVERS AS CALLED OUT OR APPROVED EQUAL. SHOP DRAWINGS ARE TO BE PROVIDED TO ENGINEER FOR APPROVAL PRIOR TO ANY CONSTRUCTION.

3. CONTRACTOR TO REFER TO FDOT DESIGN STANDARD (AND NOT LIMITED TO) INDEX'S 425-001, 425-010, 425-020, 425-021, 425-024, 425-052, AND 425-053 FOR MANHOLE, INLET AND GRATE

SPECIFICATIONS

4. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED WITH (4) SIDED BEARING HEAVY DUTY H-20

RATED TRAFFIC RIMS AND GRATES. 5. CONTRACTOR TO VERIFY ALL EXISTING UTILITY RINGS AND COVERS ON SITE ARE HEAVY DUTY TRAFFIC RATED. CONTRACTOR TO REPLACE DEFICIENT RINGS AND COVERS WITH HEAVY DUTY TRAFFIC RATED RINGS AND COVERS. CONTRACTOR TO ADJUST RIM ELEVATIONS TO MATCH PROPOSED FINISHED GRADE OF ANY EXISTING UTILITIES TO REMAIN THAT CHANGE IN ELEVATION

DURING CONSTRUCTION. ALL CLEANOUT COVERS SHOULD BE RATED FOR HEAVY DUTY TRAFFIC.

ALL EXISTING PAVEMENT AND CONCRETE TO BE JOINED SHALL BE SAWCUT. SIDEWALKS AND CROSSWALKS SHALL NOT EXCEED 2% CROSS SLOPE NOR 5% LONGITUDINALLY GRADES IN ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2% IN ANY DIRECTION. IN CASES OF SIDEWALK AT BUILDING ENTRANCES, GRADES SHALL NOT EXCEED 2% IN ANY DIRECTION. ACCESSIBLE CURB RAMPS SHALL NOT EXCEED 6' IN LENGTH, 6" RISE, AND 1:12 SLOPE. LANDINGS ASSOCIATED WITH RAMPS AND AT CHANGES IN DIRECTION SHALL BE MINIMUM 60"x60" AND SHALL

NOT EXCEED 2% SLOPE IN ANY DIRECTION. MINIMUM GRADE ON SIDEWALKS IN THE FIRST TEN (10) FEET ADJACENT TO BUILDINGS SHALL BE 1.5% MINIMUM. 9. SPOT ELEVATIONS ARE AT BOTTOM/FACE OF CURB UNLESS OTHERWISE NOTED. 0. EXISTING GRADES AND DRAINAGE HAVE BEEN TAKEN FROM A SURVEY PREPARED BY

KIMLEY-HORN AND ASSOCIATES, INC., DATED APRIL 29, 2020. THE ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988 AND ARE BASED ON NATIONAL GEODETIC SURVEY BENCHMARK "LB 7062", SAID POINT BEING A MAG NAIL AND DISK STAMPED "LB 7062", BENCHMARK #2 PER ARCADIS GRANDE PALMS BOUNDARY AND TOPOGRAPHIC SURVEY. SITE BENCHMARKS ARE AS SHOWN.

11. HDPE STORM PIPE-CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE STORM DRAINAGE PIPE INSTALLATION MANUAL AND SPECIFICATIONS AND COMPLYING WITH ALL MANUFACTURER'S INSTALLATION PROCEDURES AND REQUIREMENTS. TESTING OF BACKFILL MATERIAL AND COMPACTION OF BACKFILL MATERIAL IS THE CONTRACTOR'S RESPONSIBILITY.

12. ALL DRAINAGE PIPE JOINTS SHALL BE FILTER FABRIC WRAPPED PER FDOT INDEX #430-001. ALL DRAINAGE PIPE JOINTS NEED TO BE FILTER FABRIC WRAPPED REGARDLESS OF MATERIAL.

13. EXISTING STORM INLETS AND PIPES ON PROPERTY TO BE JETTED AND CLEANED PRIOR TO ENGINEER'S ACCEPTANCE OF SYSTEM.

14. CONTRACTOR SHALL COORDINATE PAVING IMPROVEMENTS TO AVOID TIRE MARKS FROM

CONSTRUCTION ACTIVITY. FINAL PAVING SHALL BE AS SMOOTH AS POSSIBLE AND FREE FROM ANY MARKS, SCRAPES, GOUGES, TIRE MARKS, ETC. CAUSED DURING CONSTRUCTION ACTIVITY. 15. CONTRACTOR TO ENSURE POSITIVE RUNOFF FROM THE BUILDING. PAVING SHALL BE FREE OF PONDING AND MAINTAIN POSITIVE OUTFALL TO THE DRAINAGE SYSTEM. CONTRACTOR SHALL

FIELD VERIFY EXISTING DRAINAGE PATTERNS AND TIE-IN GRADES AND ALERT OWNER AND

ENGINEER SHOULD ANY CONFLICTS ARISE. 16. DURING CONSTRUCTION AND AFTER FINAL GRADING, NO SURFACE WATER RUNOFF MAY BE DIRECTED TO ADJACENT PROPERTIES, AND ALL SURFACE WATER RUNOFF MUST BE ROUTED TO APPROVED DRAINAGE FACILITIES OR BE RETAINED ON SITE. ALL RUNOFF FROM THE SITE. BOTH DURING AND AFTER CONSTRUCTION, MUST BE FREE OF POLLUTANTS, INCLUDING SEDIMENT,

PRIOR TO DISCHARGE 17. ALL SLOPES STEEPER THAN 6:1 SHALL BE SODDED.

18. ALL SIDEWALKS BEHIND AND ADJACENT TO LANDSCAPE ISLANDS WILL BE SLOPED TO PREVENT STANDING WATER ALONG THE LANDSCAPE ISLAND. 19. CONTRACTOR TO REFER TO THE ARCHITECTURAL PLANS FOR BUILDING EXTERIOR WALL AND SIDING MATERIAL TO DETERMINE THE GRADING FROM BUILDING FFE FOUNDATION AND IF AN

INSPECTION STRIP IS REQUIRED. 20. ALL CURBS TO HAVE VERTICAL SAWCUT JOINTS EVERY TEN FEET (10').

21. ALL CURBS TO BE BROOM FINISHED VERTICALLY. 22. ALL SIDEWALKS NEED TO BE BROOM FINISHED PERPENDICULAR TO THE TRAFFIC FLOW.

23. ALL BUILDING DOWNSPOUTS TO BE INSTALLED TO COLLECT OR SHEETFLOW ROOF RUN OFF TO ON-SITE DRAINAGE SYSTEM.



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF

988 (NAVD '88), SUBTRACT 1,50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION

CITY OF PORT ST. LUCIE PROJECT P25-084 PSLUSD PROJECT# 5211E-21

SHEET NUMBER

1 FT RIBBON CURB

VESTIBULE

PARKING LOT
PLAN
VIEW

CROSS

STAMPED COLORED CONCRETE

GROOVE DEPTH MAX.

┌ 6mm (¼") +/-

6" WHITE STRIPE

MAXIMUM WIDTH

AND DEPTH OF GROOVES TO BE 1/4"

Saddle Gasket

Advanced Drainage Systems introduces a new saddle gasket that will save on installation time. The gasket fits pipe diameters 12"-36" (300-900 mm) and is used for dual wall N-12® (HDPE) and HP Storm (PP). The gasket and pipe can then be installed into the bells of Nyloplast® basins or fittings.

Features & Benefits

- Gaskets fits dual wall N-12 (HDPE) and HP Storm (PP) pipe
- Pry hole technology for 24"-36" (600-900 mm) is ADS exclusive
- Watertight performance per ASTM D3212
- Product simplification
- Audible "snap" to know when saddle gasket has been installed properly onto pipe
- Manufactured in the U.S.A.

Significant Installation Time Savings

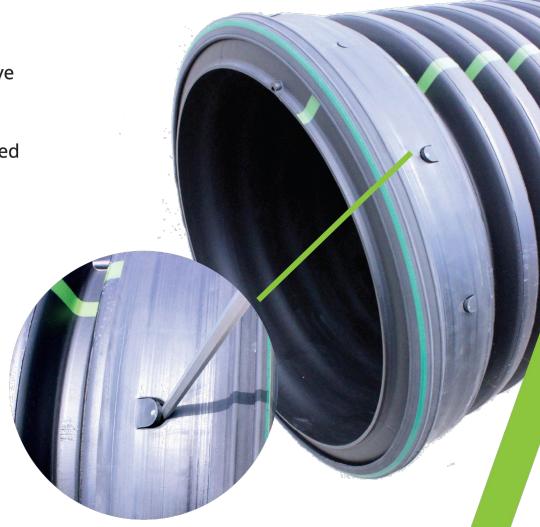
Diameter in (mm)	Valley Gasket Install Time (People Needed)	Saddle Gasket Install Time (People Needed)
12-18	5-10 minutes	<5 minutes
(300-450)	(1)	(1)
24-30	20+ minutes	<5 minutes
(600-750)	(2)	(1)
36 (900)	30+ minutes (2+)	<5 minutes (1)

Gasket Comparison

Size in (mm)	New Gasket Code	Old Gasket Code
12 (300)	1258AG	1259AG
15 (375)	1558AG	1559AG
19 (450)	105046	1859AG
18 (450)	1858AG	1859AGL
		2459AG
24 (600)	2458AG	2459AGL
24 (600)	2458AGL 2458AGHPEP	2459AGLHP
		2459AGLMH
30 (750)	3058AG	3063MG
36 (000)	265946	3660MG
36 (900)	3658AG	3665MG



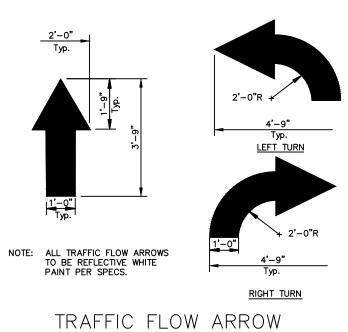
ADS®, N-12® and the Green Stripe are registered trademarks of Advanced Drainage Systems, Inc. Nyloplast® is a registered trademark of Nyloplast, Inc. © 2025 Advanced Drainage Systems, Inc. #11287 03/25 MH



Pictured above is a 24"-36" (600-900 mm) saddle gasket.



adspipe.com 800-821-6710



1' WIDE RIBBON CURB EXCEPT WHERE ABUTTING CONCRETE CURBS, SIDEWALKS AND PAVEMENT

COLOR TO MATCH EXISTING PAVERS WITHIN SHOPPING CENTER. CONTRACTOR

PRIOR TO ORDERING/INSTALLATION.

STAMPED CONCRETE TO BE FINISHED

WITH HEAVY BROOM FINISH

4"x8" — RUNNING BOND

PATTERN

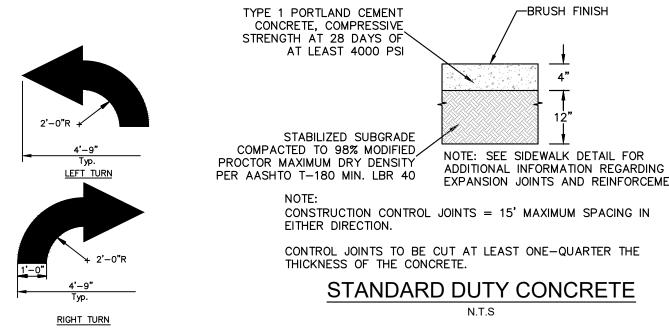
_ PATTERN IMPRINTED INTO SURFACE

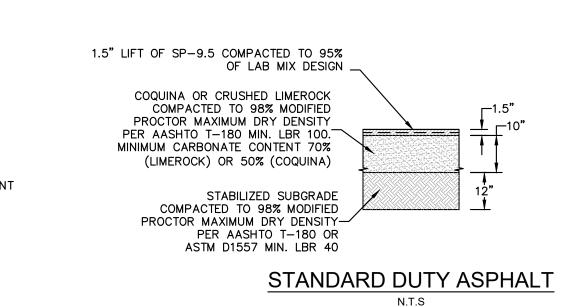
FULLY INTEGRALLY COLORED

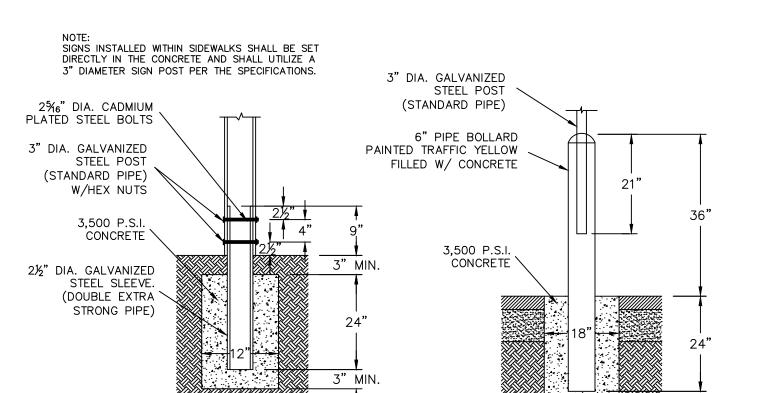
- HEAVY DUTY PORTLAND CEMENT

REFER TO HEADY DUTY CONCRETE PAVEMENT SECTION FOR CONCRETE,

BASE, SAND, AND SUBBASE THICKNESSES







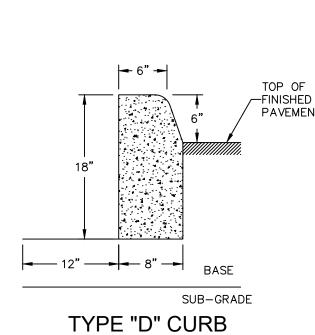
SIGN BASE



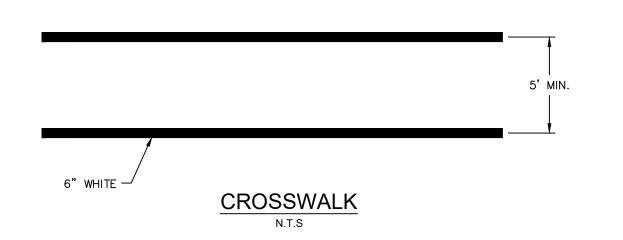
white legend red background R1-1

"STOP" SIGN

SIGN BASE WITHIN LANDSCAPED AREA



SIGN BASE WITHIN PAVED AREA





THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

VERTICAL DATUM ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION.

CITY OF PORT ST. LUCIE PROJECT P25-084 PSLUSD PROJECT # 5211E-21 SHEET NUMBER
C-205

Kimley >>> HOFF

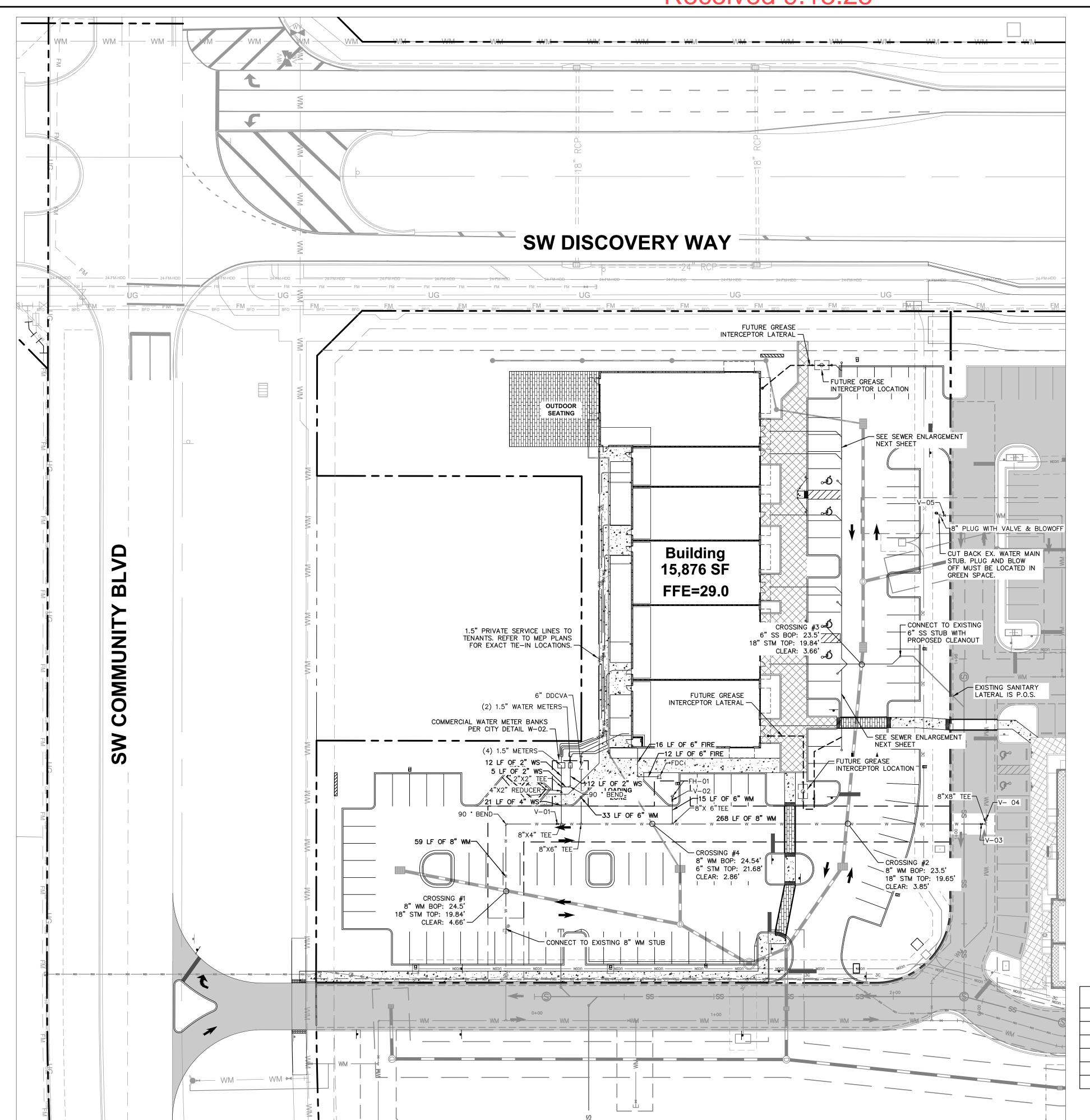
AGE SCALE DESIGNE

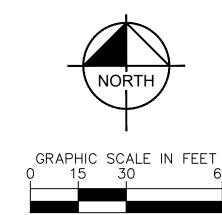
PAVING GRADING AND DRAINAGE DETAILS

MMERCIAL LOT 1

PREPARED FOR

EBB TRADITION SG3, LLC





LEGEND

	PROPERTY LINE
	■ PARCEL BOUNDARY
w w	 PROPOSED WATER MAIN
ws ws	 PROPOSED WATER SERVICE
H	PROPOSED WATER GATE VALVE
∢	PROPOSED REDUCER
<u></u>	PROPOSED FIRE HYDRANT ASSEMBLY
S	PROPOSED SANITARY SEWER MANHOLE
	 PROPOSED SANITARY LATERAL
	PROPOSED STORM SEWER PIPE
	PROPOSED ROADWAY CURB INLET - TYPE P-5
	PROPOSED STORM MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED CURB INLET TYPE P-9
	PROPOSED TRANSFORMER PAD

GENERAL NOTES:

- 1. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
 SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
- PVC SDR26 PER ASTM D 3034. 4. GRAVITY SEWER AT DEPTHS GREATER THAN 15 FEET, THE PIPE, JOINTS AND FITTINGS SHALL MEET THE SPECIFICATION FOR PRESSURE PIPE MAINS. (C-900, DR-18, PRESSURE CLASS 235)
- (PER PSLUSD USM PAGE 61, LINE 18) 5. WATER LINES SHALL BE AS FOLLOWS:
- PVC C-900, DR-18 PER PSLUSD USM PAGE 60 LINE 44.
- 6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET. 7. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL
- CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE). 8. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-0" AND A MAXIMUM OF 5'-0" COVER ON ALL
- UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
 TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED
- PAVEMENT ELEVATIONS WITHIN PAVED AREAS, AND TO BE ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS WITHIN LANDSCAPED AREAS.
- 11. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH
- 12. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES. 13. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- 14. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES PSLUSD WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND 15. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF
- EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 16. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES.
- 17. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- 18. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLAN. 19. UNDERGROUND UTILITY LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE
- BACKFILLING. 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING WATER MAINS, FORCE MAINS, SANITARY SEWER AND STORM MAINS AND MAINTAIN MINIMUM CLEARANCES BETWEEN WATER MAINS AND OTHER UTILITIES AT ALL POINTS ALONG THEIR LENGTH AS REQUIRED IN THE
- PLANS, DETAILS AND SPECIFICATIONS. 21. ALL PSLUSD PIPES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 5' FROM ALL OTHER UNDERGROUND UTILITIES INCLUDING LIGHT POLES AND A VERTICAL SEPARATION OF AT LEAST 18" INCLUDING FOOTERS.

UTILITY TABLE				
WATERMAIN				
FIRE HYDRANTS 1				
8" WATERMAIN	327 LF			
6" WATERMAIN 48 LF				

VALVE TABLE								
PLAN ID	SIZE (IN.)	TYPE	FLUID	MANUF.	MODEL	DATE	# TURNS	PSLUSD
V-01	8"	G.V.	WATER					
V-02	6"	G.V.	WATER					
V-03	8"	G.V.	WATER					
V-04	8"	G.V.	WATER					
V-05	8"	G.V.	WATER					



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ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATIOI CITY OF PORT ST. LUCIE PROJECT: P25-084 PSLUSD PROJECT# 5211E-21

Call before you dig. SHEET NUMBER

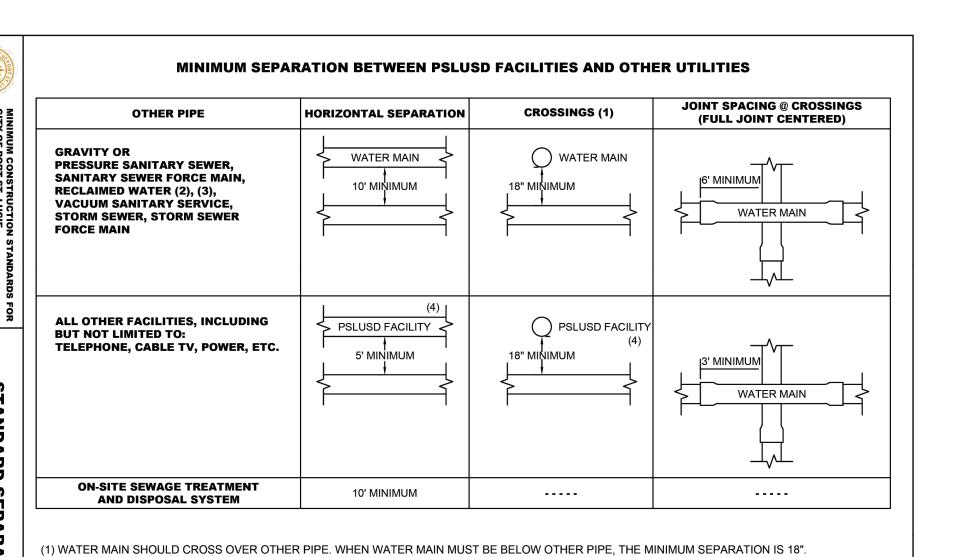
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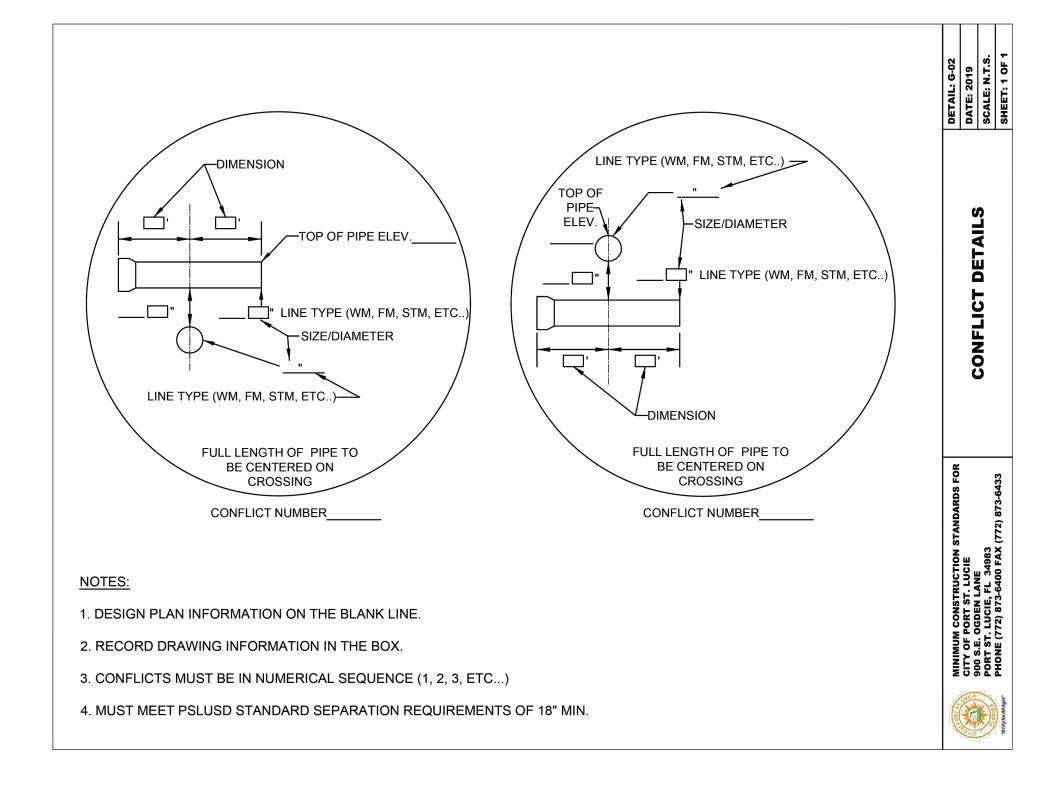
C-300

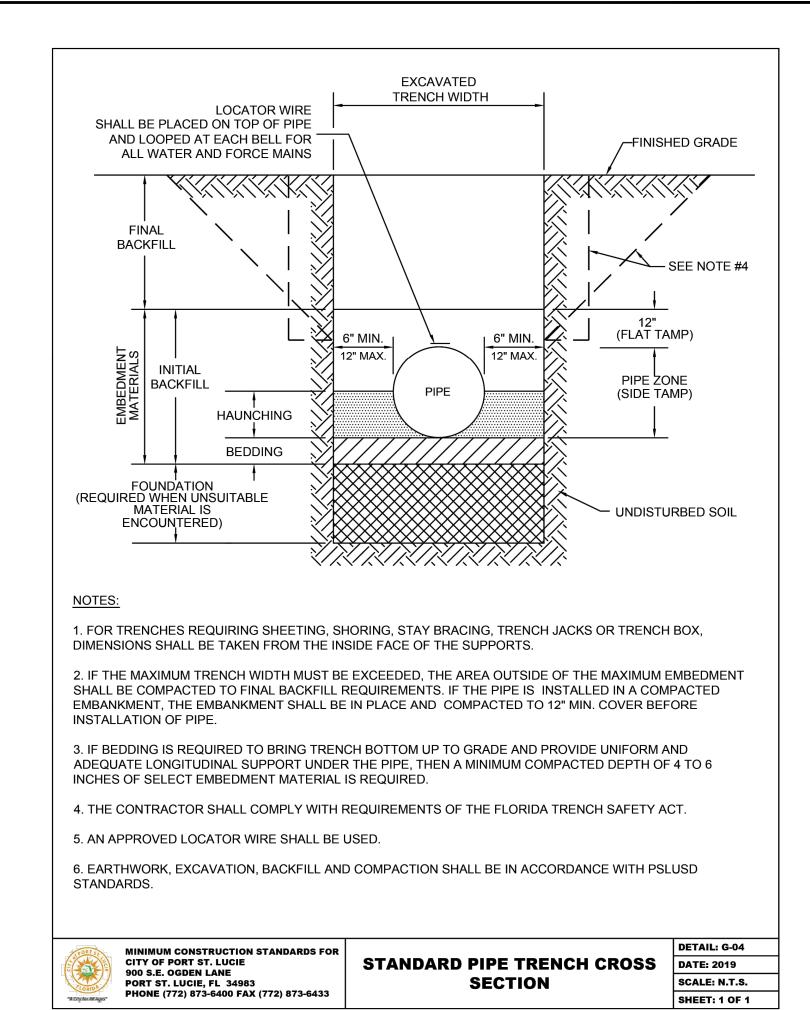
PSLUSD PROJECT# 5211E-21

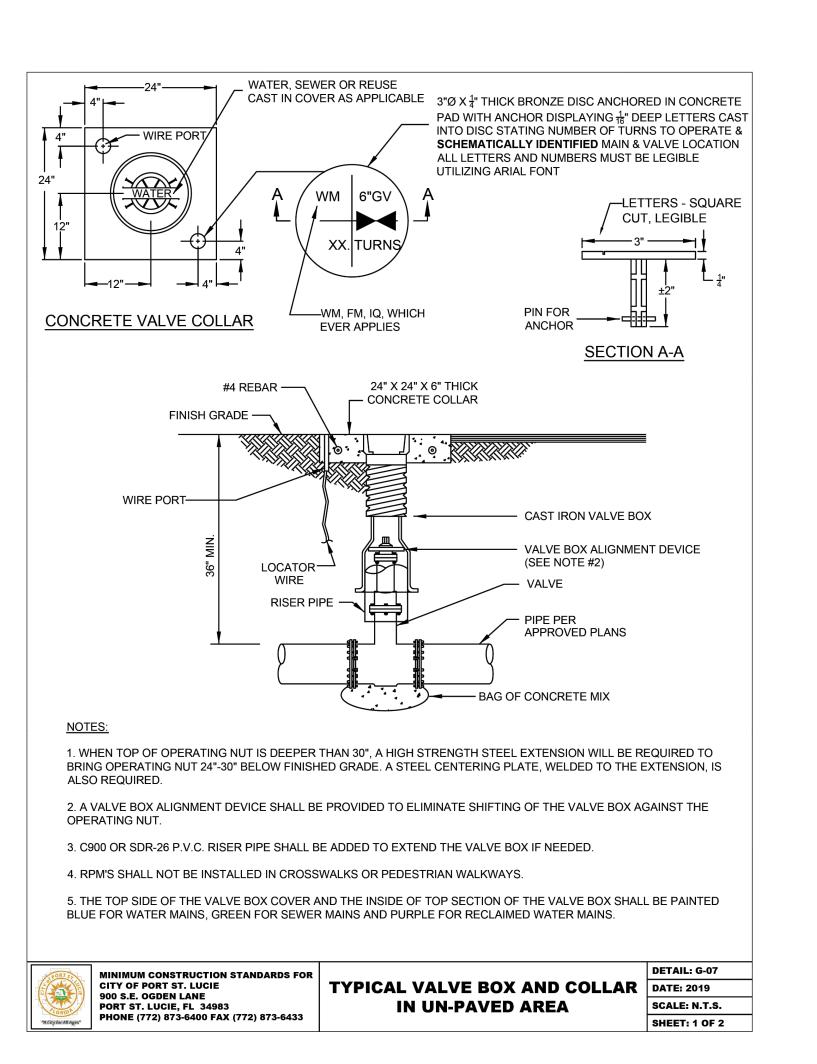
988 (NAVD 88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION

SHEET NUMBER C-301





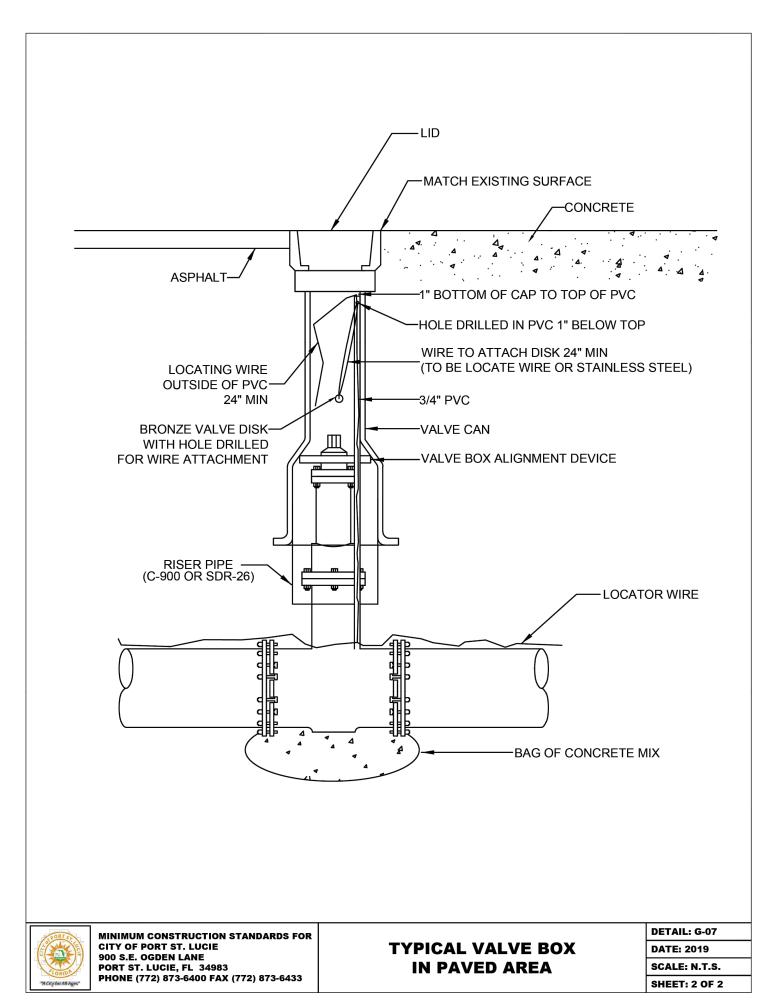


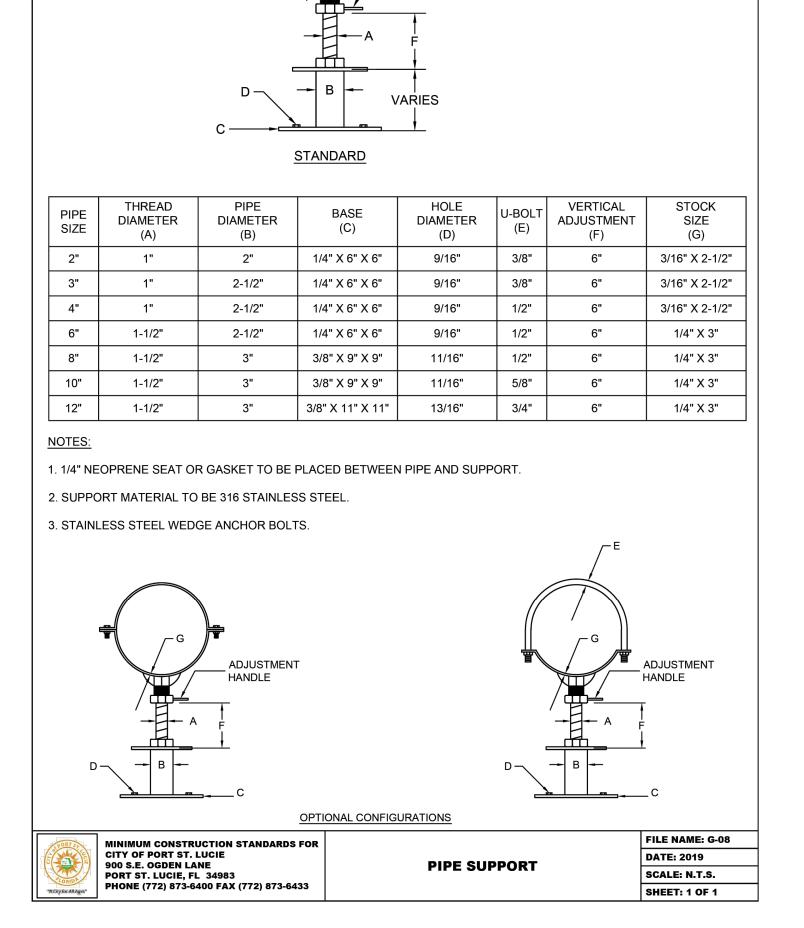


(2) RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(3) RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(4) A PSLUSD FACILITY INCLUDES MAINS AND STRUCTURES FOR POTABLE WATER, WASTEWATER AND RECLAIMED WATER.





ADJUSTMENT

HANDLE



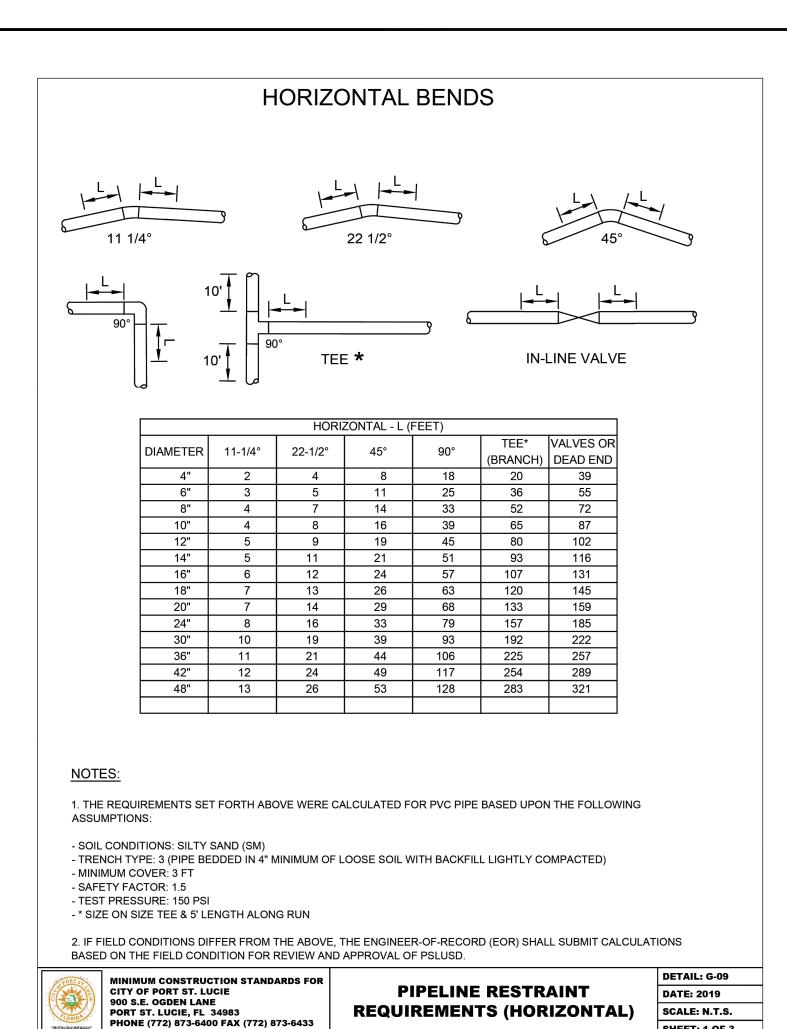
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CITY OF PORT ST. LUCIE PROJECT: P25-084 ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF PSLUSD PROJECT# 1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATIOI 5211E-21

SHEET NUMBER C-305

D

© 7



ROAD MATERIAL

· VALVE BOX

NRS TAPPING X

NEW MAIN

-MECHANICAL JOINT (MJ)

BAG OF CONCRETE MIX

TAPPING SLEEVE AND VALVE

ASSEMBLY

MECHANICAL JOINT GATE VALVE

DETAIL: G-10

SCALE: N.T.S.

SHEET: 1 OF 1

DATE: 2019

WIRE PORT ____

EXISTING

1. THE VALVE BOX SHALL BE IN ACCORDANCE WITH STANDARD DETAIL G-07.

2. THRUST BLOCKS MAY BE REQUIRED AT THE UTILITY'S DIRECTION. (CASE BY CASE)

5. SIZE ON SIZE TAPS ARE NOT ALLOWED UNLESS APPROVED IN WRITING BY PSLUSD.

2. NO TAP WILL BE ALLOWED CLOSER THAN 5 FEET FROM ANY JOINT, FITTING OR EXISTING TAP ALONG

4. ALL COUPONS MUST BE PROVIDED TO PSLUSD WITH DATE, LOCATION AND PIPE SIZE DOCUMENTED.

FINISH GRADE -

36" MIN.

TAPPING SLEEVE

(SEE NOTES)

THE MAIN.

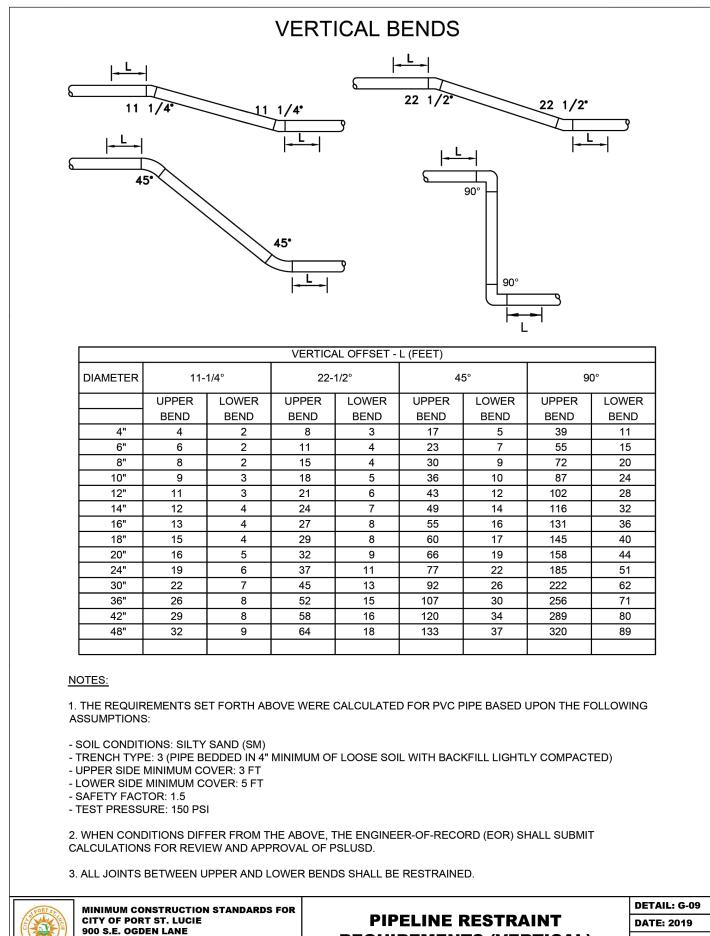
6. SEE NOTES ON DETAIL G-07.

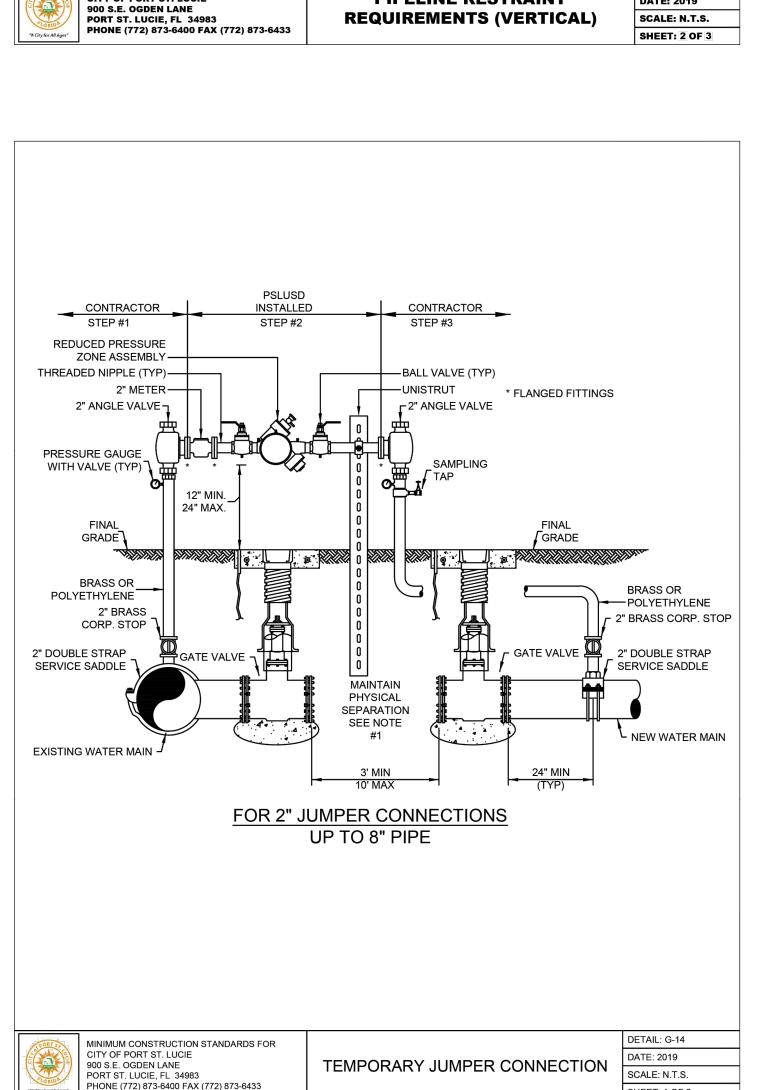
CITY OF PORT ST. LUCIE

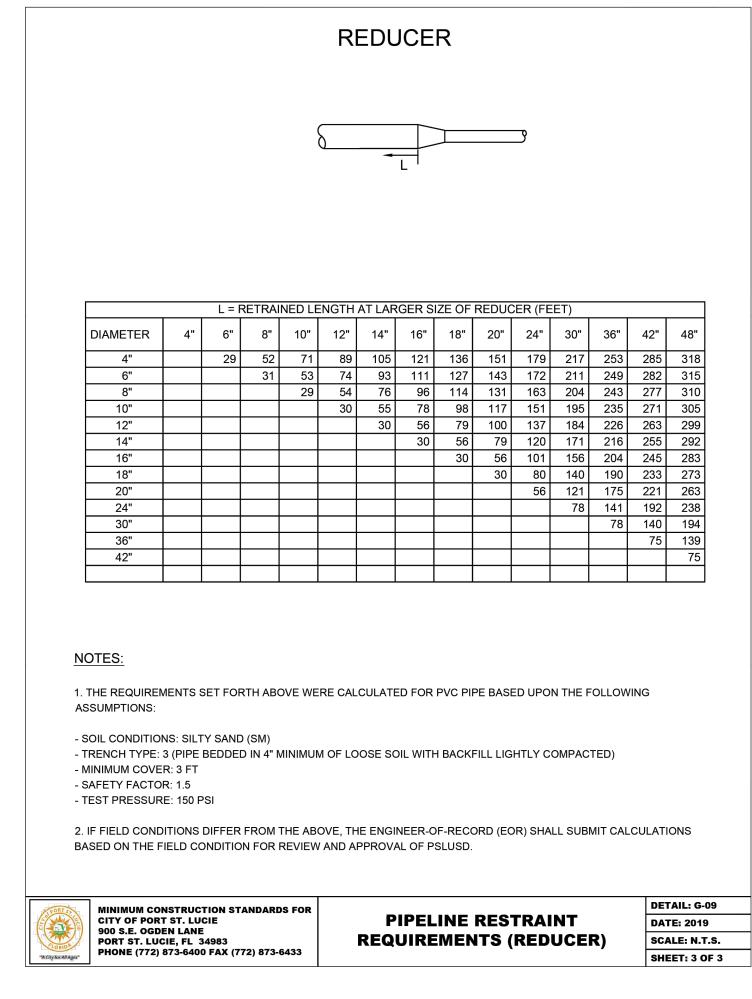
900 S.E. OGDEN LANE

MINIMUM CONSTRUCTION STANDARDS FOR

PHONE (772) 873-6400 FAX (772) 873-6433







CONTRACTOR STEP #1 STEP #2 STEP #2 STEP #2 STEP #2 STEP #3 SAMPLING SAMPLING SAMPLING FINAL GRADE 2" BRASS OR POLYETHYLENE 2" BRASS CORP. S' STEP #3 STEP #3 SAMPLING GRADE 2" BRASS OR POLYETHYLENE 2" STEP #3 STEP #3 SAMPLING STEP #3 SAMPLING GRADE "TAP STEP #3 SAMPLING SAMPLIN	 DISINFECTION OF POTABLE WATER MAINS SHALL BE CONDUCTED IN ACCORDANCE WITH AWWA C651. A MINIMUM PRESSURE OF 20 PSI SHALL BE MAINTAINED IN THE NEW MAIN AFTER DISINFECTION. CONNECTION TO EXISTING WATER MAINS SHALL NOT BE MADE PRIOR TO BACTERIOLOGICAL CLEARANCE. UPON WRITTEN APPROVAL, THE SAMPLING POINTS SHALL BE REMOVED AND PLUGGED BY THE CONTRACTOR. THE CONTRACTOR SHALL MAKE THE PERMANENT CONNECTION IN THE PRESENCE OF A PSLUSD INSPECTOR. THE PIPE AND
MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433 PERPORARY JUMPER CONNECTION TEMPORARY JUMPER CONNECTION SCALE: N.T.S. SHEET: 1 OF 2	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433 TEMPORARY JUMPER CONNECTION TEMPORARY JUMPER CONNECTION TEMPORARY JUMPER CONNECTION SCALE: N.T.S. SHEET: 2 OF 2



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF

1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATIOI

CITY OF PORT ST. LUCIE PROJECT: P25-084 PSLUSD PROJECT# 5211E-21

SHEET NUMBER C-306

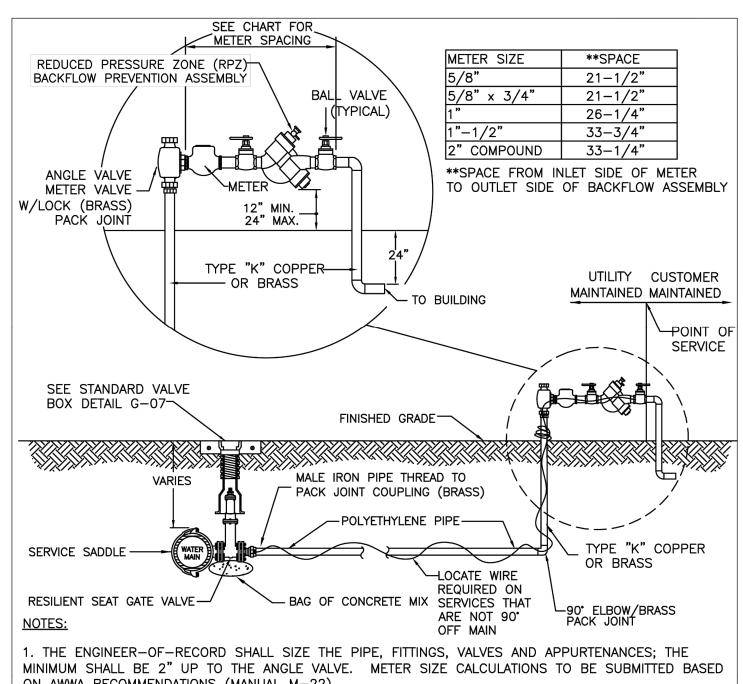
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UTILITY | CUSTOMER

—POINT OF SERVICE

MAINTAINED | MAINTAINED



ON AWWA RECOMMENDATIONS (MANUAL M-22)

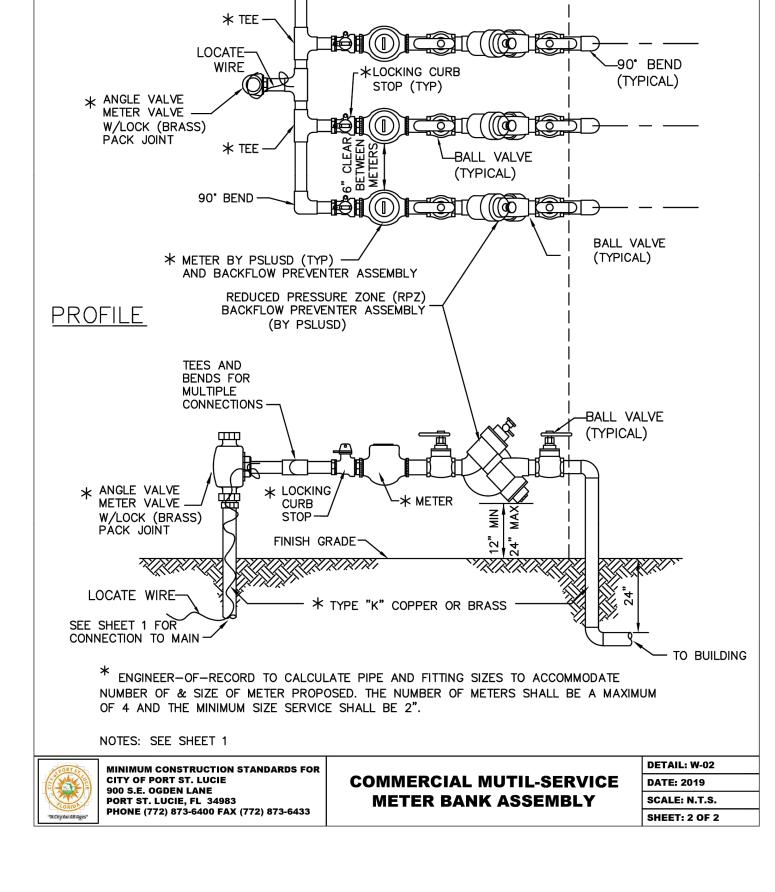
- 2. BOTH RISERS SHALL BE BRASS OR TYPE "K" COPPER TUBING (HARD DRAWN) WITH COPPER/BRASS THREADED FITTINGS AND ADAPTERS.
- 3. ADDITIONAL SUPPORT SHALL BE PROVIDED AS NECESSARY TO SECURELY SUPPORT THE BACK FLOW PREVENTION ASSEMBLY.
- 4. VALVE, SADDLE AND APPURTENANCES SHALL BE PER THE QUALIFIED PRODUCTS LIST.
- 5. METERS AND BACKFLOW PREVENTERS 2" OR SMALLER SHALL BE INSTALLED BY PSLUSD. SEE SHEET 2 FOR MULTI-SERVICE METER BANK ASSEMBLY.
- 6. AT THE DIRECTION OF THE PSLUSD, BOLLARDS MAY BE REQUIRED TO PREVENT DAMAGE FROM ACCIDENTS. REFER TO DETAIL G-15 FOR BOLLARD INSTALLATION.

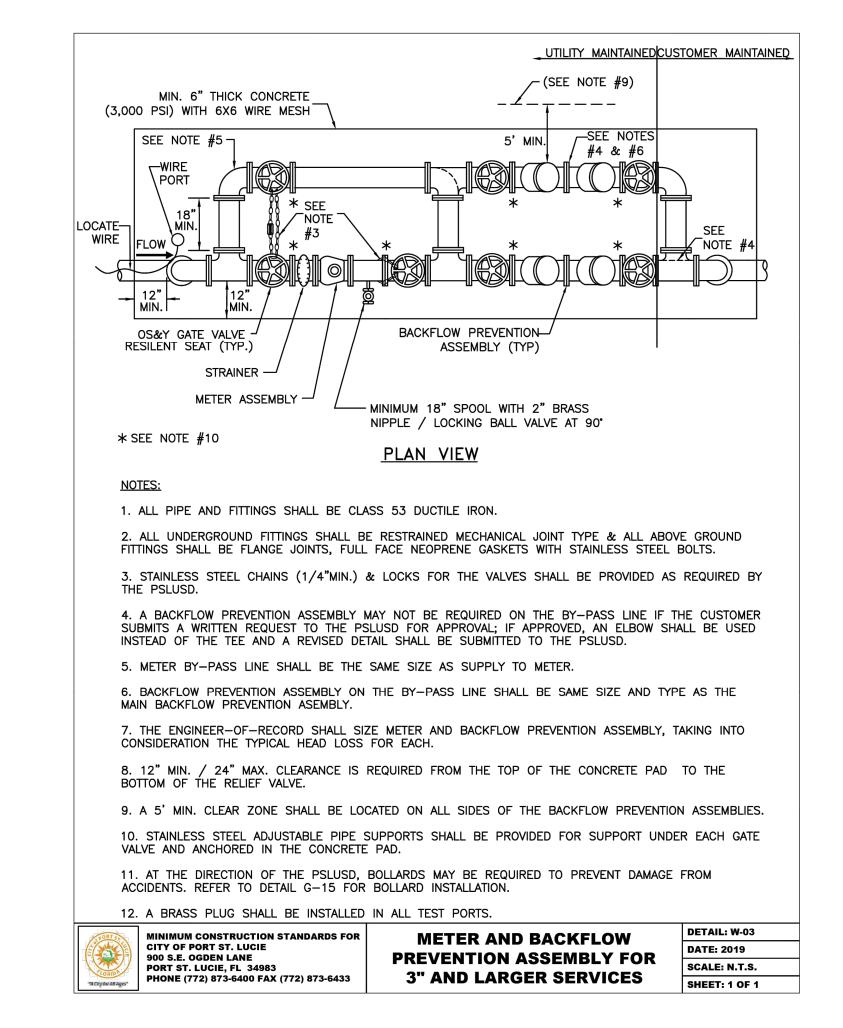


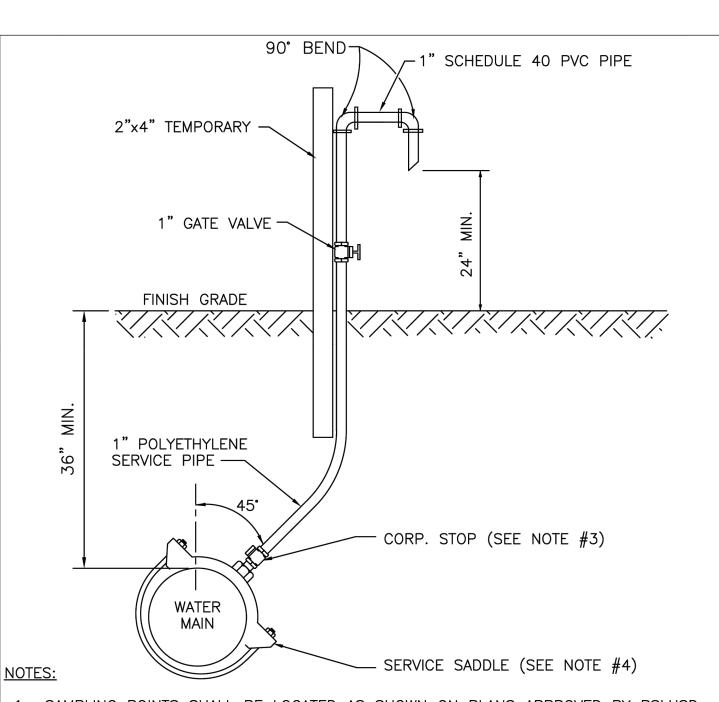
MINIMUM CONSTRUCTION STANDARDS FO CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE. FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433

COMMERCIAL WATER SERVICE CONNECTION

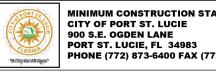
DETAIL: W-02 **DATE: 2019** SCALE: N.T.S. SHEET: 1 OF 2







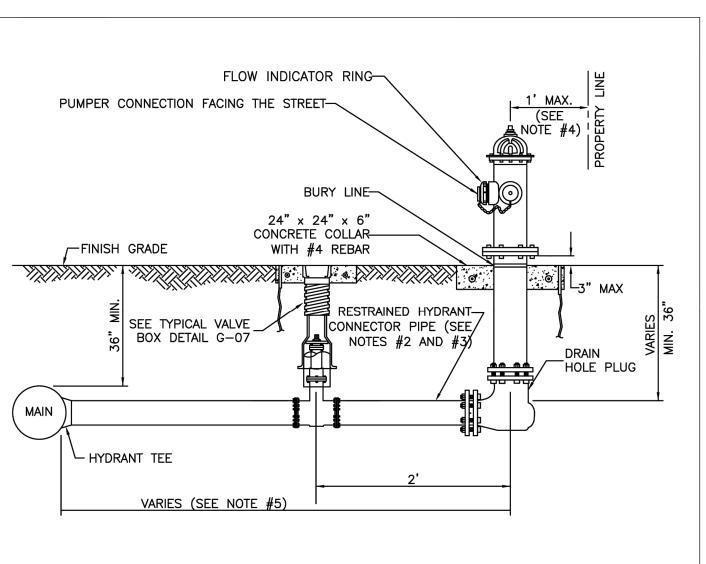
- SAMPLING POINTS SHALL BE LOCATED AS SHOWN ON PLANS APPROVED BY PSLUSD AND AS REQUIRED BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. A SAMPLE POINT MAP (SINGLE SHEET PDF) SHALL BE SUBMITTED TO PSLUSD FOR REVIEW PRIOR TO DISINFECTION.
- 2. THE EXCAVATED HOLE FOR THIS INSTALLATION SHALL BE BACKFILLED TO FINISHED GRADE PRIOR TO DISCHARGING ANY WATER ON THE GROUND.
- 3. AFTER BACTERIOLOGICAL CLEARANCE IS RECEIVED, THE CONTRACTOR SHALL TURN CORPORATION STOP OFF, REMOVE TUBING AND PLUG CORPORATION STOP WITH BRASS PLUG/CAP.
- 4. NO DIRECT TAPS SHALL BE PERMITTED.



PHONE (772) 873-6400 FAX (772) 873-6433

WATER SAMPLING POINT

DETAIL: W-05 **DATE: 2019** SCALE: N.T.S. SHEET: 1 OF 1



<u>PLAN</u>

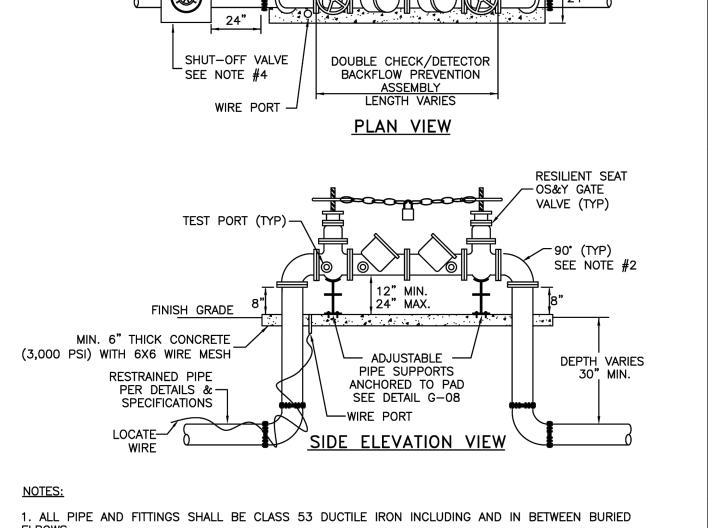
- 1. HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600. THE HYDRANTS SHALL BE PAINTED BY THE MANUFACTURER WITH 2 COATS (MIN.)
- 2. VERTICAL BENDS MAY BE NECESSARY TO OBTAIN COVER UNDER SWALES OR AT HYDRANT LOCATION. VERTICAL BENDS OR OFFSETS ARE INCLUDED IN HYDRANT ASSEMBLY. ALL BENDS MUST BE
- CONNECTOR PIPE AND ANY REQUIRED VERTICAL BENDS SHALL HAVE AN ANCHORING FEATURE ON BOTH ENDS SO THAT WHEN USED WITH M.J. SPLIT GLANDS, A RESTRAINED JOINT IS PROVIDED.
- WHEN INSTALLED WITH SIDEWALK OR CURB, PROVIDE MIN. 2 FOOT CLEARANCE TO ANY PORTION OF THE HYDRANT, UTILIZING THE SIDE LOT EASEMENT IF NECESSARY.
- 5. A GATE VALVE SHALL BE INSTALLED WITHIN 2 FEET OF THE FIRE HYDRANT. IF DISTANCE FROM THE WATER MAIN TO THE FIRE HYDRANT IS GREATER THAN 20 FEET, A SECOND GATE VALVE SHALL BE INSTALLED WITHIN 2 FEET OF THE MAIN.
- 6. ANY DEVIATIONS FROM THE CRITERIA ABOVE REQUIRE A WRITTEN RECOMMENDATION FROM THE ENGINEER-OF-RECORD AND WRITTEN APPROVAL BY PSLUSD.



FIRE HYDRANT ASSEMBLY

DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1

DETAIL: W-06



CUSTOMER MAINTAINED

-POINT OF SERVICE (P.O.S.)

FLOW -

- DETECTOR METER

TO CONSUMER

2. ALL UNDERGROUND FITTINGS SHALL BE RESTRAINED MECHANICAL JOINT TYPE & ALL ABOVE GROUND FITTINGS SHALL BE FLANGE JOINTS WITH FULL FACE NEOPRENE GASKETS, WITH STAINLESS STEEL BOLTS. 3. A 3/8" STAINLESS STEEL CHAIN & LOCK SHALL BE PROVIDED BY CONTRACTOR FOR THE VALVES AS REQUIRED BY THE PSLUSD. VALVES TO BE LOCKED IN OPEN POSITION.

4. TO MAINTAIN CONTINUITY OF SERVICE DURING REPAIRS TO THE ASSEMBLY, AN ISOLATION VALVE SHALL BE PROVIDED ON THE UTILITY'S MAIN AS SHOWN.

5. AT THE DIRECTION OF THE PSLUSD, BOLLARDS MAY BE REQUIRED TO PREVENT DAMAGE FROM ACCIDENTS. REFER TO DETAIL G-15 FOR BOLLARD INSTALLATION.

UTILITY MAINTAINED

SEE TYPICAL VALVE

BOX AND COLLAR

DETAIL G-07

FROM MAIN

6. A BRASS PLUG SHALL BE INSTALLED IN ALL TEST PORTS. MINIMUM CONSTRUCTION STANDARDS FO CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433

FIRE SERVICE **BACKFLOW ASSEMBLY** DETAIL: W-07 DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. ONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF

988 (NAVD '88), SUBTRACT 1,50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION

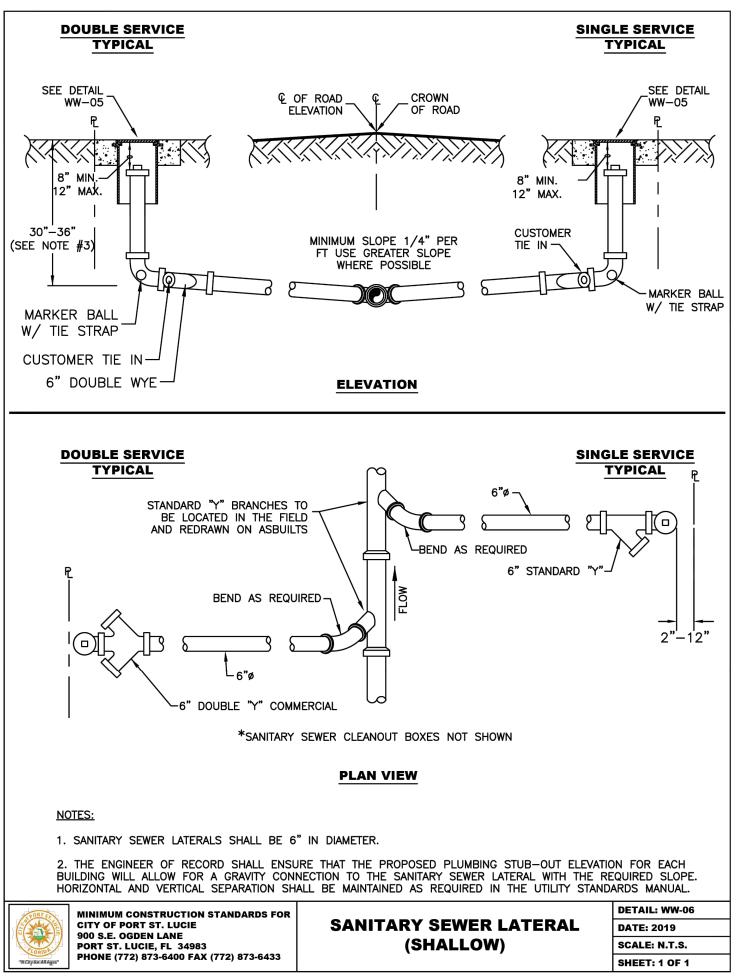
CITY OF PORT ST. LUCIE PROJECT: P25-084 PSLUSD PROJECT # 5211E-21

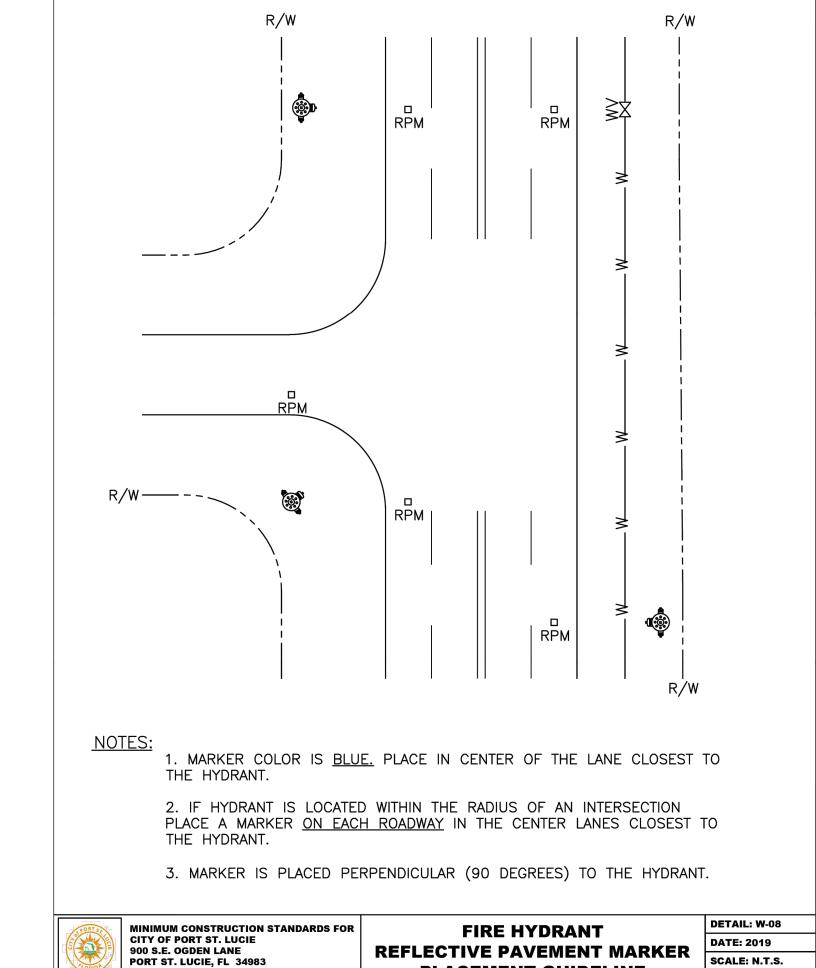
SHEET NUMBER C-307

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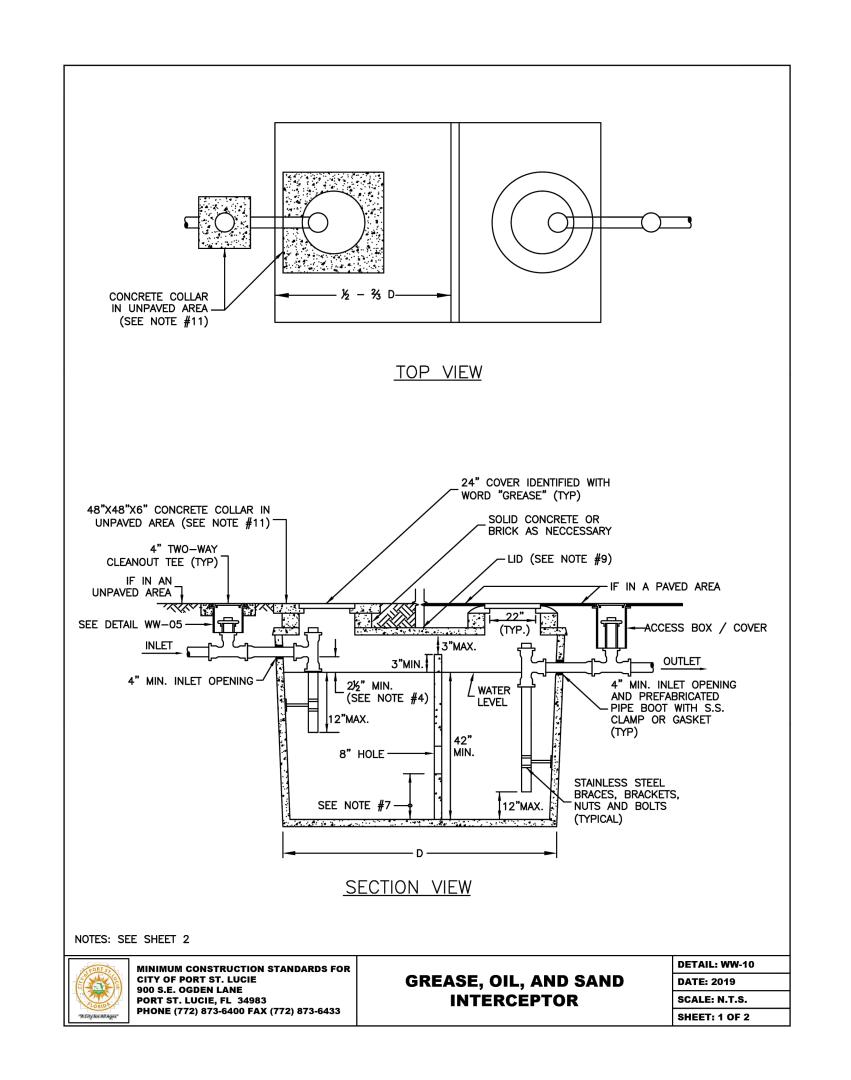
MINIMUM CONSTRUCTION STANDARDS FOR

PHONE (772) 873-6400 FAX (772) 873-6433

CITY OF PORT ST. LUCIE

PORT ST. LUCIE. FL 34983

900 S.E. OGDEN LANE





THESE NOTES ARE APPLICABLE TO THE STANDARD DETAIL SHEET WW-10A

1. INTERCEPTORS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN FLORIDA, IN ACCORDANCE WITH PSLUSD GREASE/OIL/SAND INTERCEPTOR POLICY, APPLICABLE BUILDING CODES AND STATE REGULATIONS. AN APPROVAL MUST BE OBTAINED FROM PSLUSD PRIOR TO INSTALLATION. DEVIATIONS SHALL NOT BE MADE WITHOUT PRIOR APPROVAL.

2. THE INTERCEPTOR SHALL BE BUILT OF PRE-CAST CONCRETE WITH A MINIMUM OF 4" THICK WALLS AND WITH PRE-CAST HOLES FOR THE INLET/OUTLET PIPES. SHOP DRAWINGS SHALL BE SUBMITTED TO THE PSLUSD FOR APPROVAL IF THE TANK IS NOT ON THE APPROVED QUALIFIED PRODUCTS LIST (QPL).

3. ALL PIPING SHALL BE A MINIMUM OF 4" PVC.

4. THE INLET AND OUTLET TEES SHALL BE LOCATED NO MORE THAN 4" FROM END OF THE TANK AND SHALL BE IN ACCORDANCE WITH ASTM C923-98, LATEST REVISION. THE INLET INVERT LEVEL SHALL BE A MINIMUM OF 21/2" ABOVE THE WATER LEVEL. THE INLET TEE IS NOT REQUIRED FOR SAND/OIL INTERCEPTORS, HOWEVER, IF USED IT SHALL NOT EXTEND MORE THAN 12" BELOW THE WATER LEVEL. THE OUTLET TEE SHALL EXTEND TO WITHIN 8" OF THE TANK BOTTOM. THE TEES SHALL BE SECURED TO THE TANK WALL AS PER DETAIL SUBMITTED BY THE ENGINEER-OF-RECORD AND APPROVED

5. THE LIQUID DEPTH SHALL BE AT LEAST 42".

FROM THE INTERCEPTOR TO PREVENT PONDING OF STORM WATER.

6. INSPECTION PORTS (TWO-WAY CLEAN-OUTS) SHALL BE INSTALLED ON EACH END OF THE INTERCEPTOR, WHICH ARE EASILY ACCESSIBLE FOR INSPECTION/SAMPLING.

7. A BAFFLE SHALL BE INSTALLED ½ (ONE-HALF) TO ¾ (TWO-THIRDS) 'D' FROM THE INLET SIDE. THE FLOW BETWEEN THE TWO COMPARTMENTS SHALL BE THROUGH AN 8" DIAMETER HOLE IN THE BAFFLE; THE HOLE SHALL BE LOCATED 12" FROM THE TANK BOTTOM FOR A GREASE INTERCEPTOR AND 16" TO 20" FOR A SAND/OIL INTERCEPTOR. A BAFFLE IS NOT REQUIRED IF MULTIPLE INTERCEPTORS ARE INSTALLED IN SERIES, HOWEVER, INSPECTION PORTS SHALL BE INSTALLED ON EACH END OF THE

8. THE MINIMUM EFFECTIVE CAPACITY OF THE TANK SHALL BE AS REQUIRED BY THE PSLUSD. INSTALLATION OF MULTIPLE TANKS SHALL BE IN SERIES. WHEN MULTIPLE TANKS ARE USED THERE SHALL BE A MINIMUM 4' SEPARATION BETWEEN TANKS WITH THE REQUIRED INSPECTION PORT INSTALLED IN THE CENTER.

9. THE LID SHALL BE AT LEAST 8" THICK. TRAFFIC LIDS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM C890-91, LATEST REVISION.

10. INTERCEPTOR SHALL BE PROVIDED WITH A MANHOLE OVER EACH COMPARTMENT FOR ACCESS. THE MANHOLES SHALL BE BROUGHT TO GRADE AND FITTED WITH COVERS AS SPECIFIED IN THE DETAIL. 11. A CONCRETE COLLAR SHALL BE PROVIDED AROUND THE COVERS AND SANITARY SEWER CLEANOUT BOX WHEN THE INTERCEPTOR IS LOCATED IN AN UNPAVED AREA. GROUND SHALL BE SLOPED AWAY

12. ALL JOINTS, INCLUDING MID-SEAMS, RISERS AND LIDS SHALL BE SEALED JOINTS AROUND THE RISER AND THE TANK SHALL BE SEALED AND MADE WATERTIGHT.

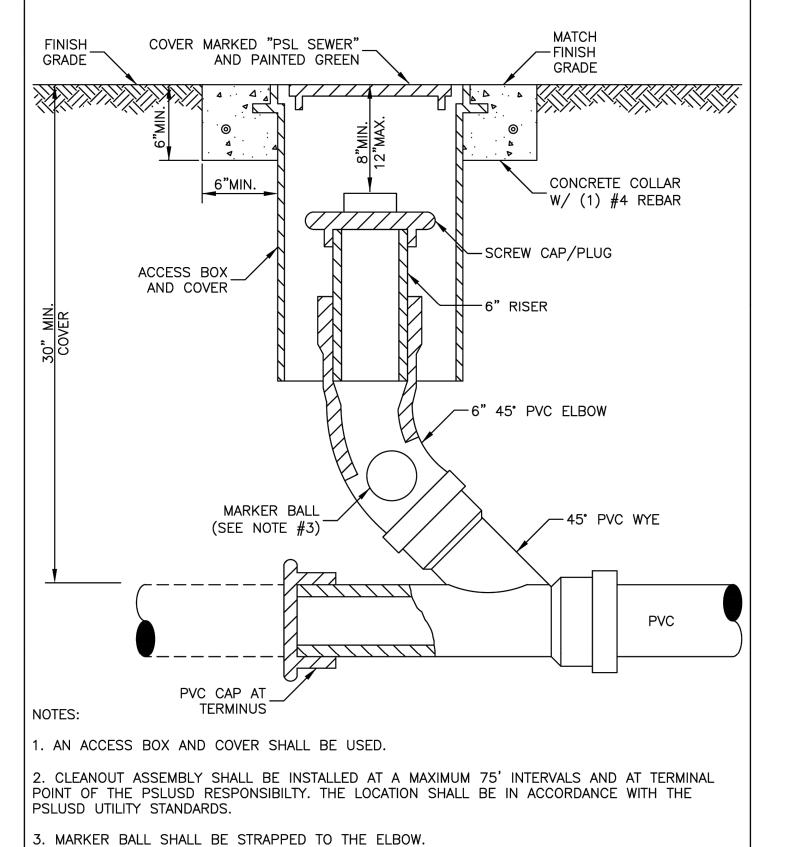
13. INSTALLATION OF THE INTERCEPTOR AND ITS COMPONENTS SHALL BE PERFORMED BY A LICENSED PLUMBER OR SEPTIC TANK CONTRACTOR REGISTERED WITH THE FLORIDA DEPARTMENT OF HEALTH.

14. INSPECTIONS ARE REQUIRED BY PSLUSD AS PER THE UTILITY STANDARDS. AN INITIAL INSPECTION IS REQUIRED WITH THE TANK ABOVE GROUND.

MINIMUM CONSTRUCTION STANDARDS FOR 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433

GREASE, OIL, AND SAND INTERCEPTOR

DETAIL: WW-10 DATE: 2019 SCALE: N.T.S. SHEET: 2 OF 2



SANITARY SEWER CLEANOUT

PLACEMENT GUIDELINE

SHEET: 1 OF 1



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

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1988 (NAVD '88). SUBTRACT 1.50' FROM NGVD '29 ELEVATION TO GET THE NAVD '88 ELEVATION

DETAIL: WW-05

SCALE: N.T.S.

SHEET: 1 OF 1

DATE: 2019

Know what's **below**. Call before you dig. CITY OF PORT ST. LUCIE PROJECT: P25-084

PSLUSD PROJECT #

5211E-21

C-308

SHEET NUMBER

BB

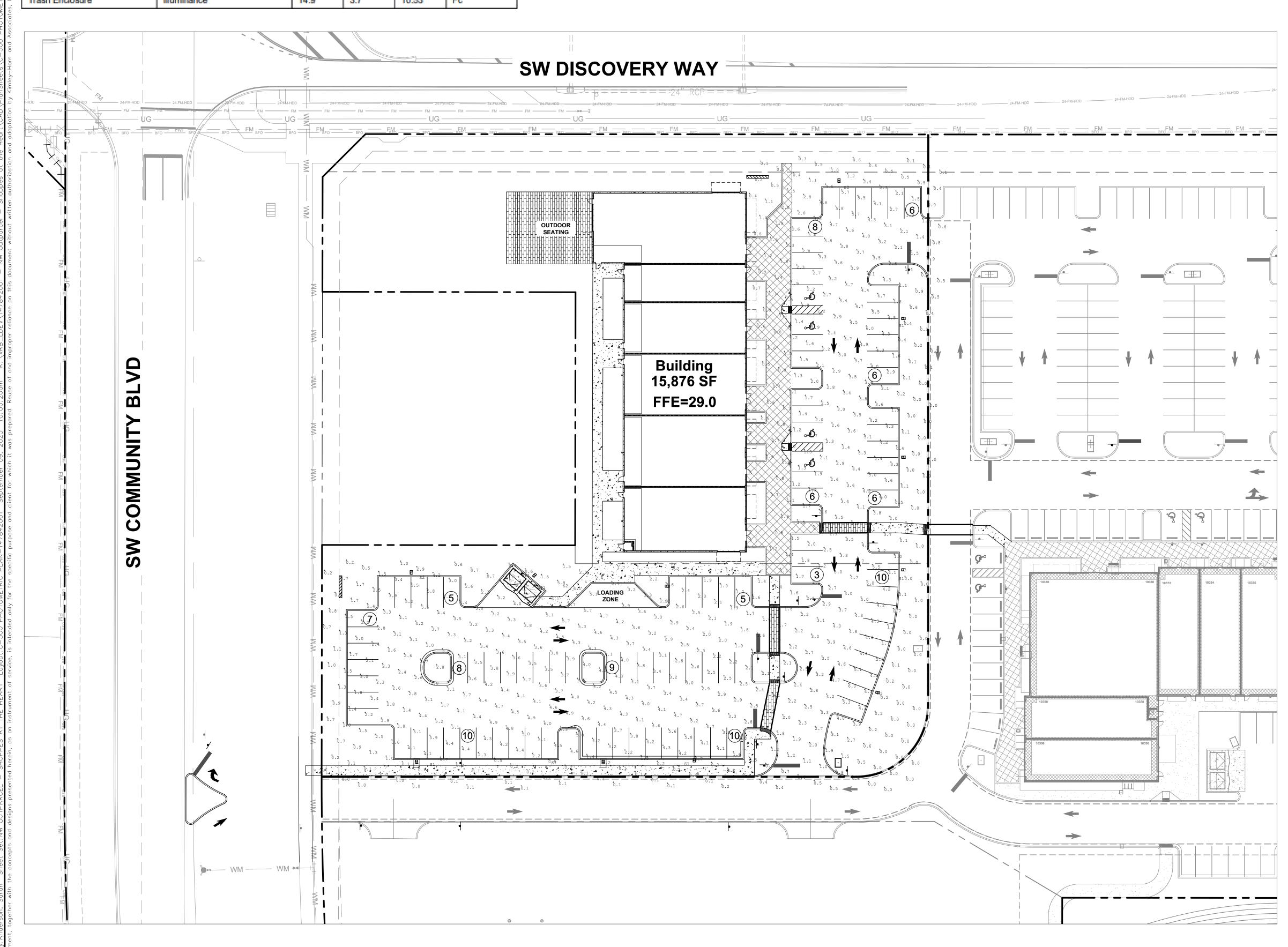
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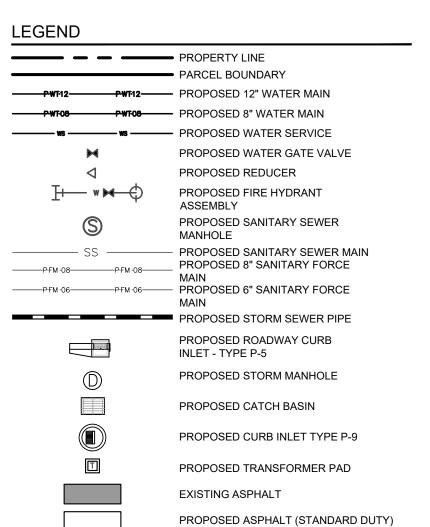
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Received 9.18.25

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n and Associates	Standard Electric Luminaire Schedule												
	0	Symbol	Qty	Label	Arrangement	[MANUFAC]	Description	Total Lumens	Total Wattage	LLF	BUG Rating	Mounting	
	^م [Height	
			7	S1	Single	Lithonia Lighting	DSX1 LED P7 40K 80CRI BLC4 MVOLT MVOLT	15306	184.43	1.000	B0-U0-G4	20	
	Horn						RPA DBXD						
ı	ley-		3	S2	Single	Lithonia Lighting	DSX1 LED P7 40K 80CRI TFTM MVOLT RPA	18369	184.435	1.000	B2-U3-G4	20	
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) to		1	S3	Single	Lithonia Lighting	DSX1 LED P7 40K 80CRI T5W MVOLT RPA DBXD	21620	184.43	1.000	B5-U0-G3	20	
<u>,</u>		-0	2	WP1	Single	Lithonia Lighting	WDGE1 LED P2 40K 80CRI VW MVOLT SRM DBXD	1983	15.018	1.000	B1-U0-G0	8	
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Calculation Summary										
Label	CalcType	Max	Min	Avg	Units					
Parking Lot	Illuminance	6.7	0.0	2.41	Fc					
Trash Enclosure	Illuminance	14.9	3.7	10.53	Fc					





GENERAL NOTES:

1. HAZARDOUS WASTE DISPOSAL SHALL COMPLY WITH ALL FEDERAL,

STATE AND LOCAL REGULATIONS

2. ALL LANDSCAPE AREAS ABUTTING VEHICULAR USE AREAS SHALL BE CURBED OR PROTECTED BY CURB STOPS.

3. ALL BUILDING, PARKING AND ACCESS AREAS SHALL DOCUMENT COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICAN

PROPOSED ASPHALT (HEAVY DUTY)

DISABILITIES ACT PRIOR TO THE ISSUANCE OF BUILDING PERMIT.

4. SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN THE PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

5. LANDSCAPING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 154 OF THE LANDSCAPE CODE OF THE CITY OF PORT ST.

6. NO LANDSCAPING OTHER THAN GRASSES SHALL BE LOCATED WITHIN 10' OF A CITY UTILITY LINE OR APPURTENANCE. ALL OTHER UTILITIES SHALL BE A MINIMUM OF 5' HORIZONTAL SEPARATION FROM CITY UTILITY MAINS FOR PARALLEL INSTALLATIONS AND A MINIMUM 18"

BELOW CITY MAINS. (ALL MEASUREMENTS ARE TAKEN FROM OUTSIDE TO OUTSIDE)

7. NO LANDSCAPING SHALL BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND

MAINTENANCE OF ANY EXISTING UTILITY.

8. THIS APPLICATION IS NOT VESTED FOR ANY MUNICIPAL FEES. ALL FEES ARE CALCULATED AT TIME OF PAYMENT. THIS INCLUDES SPECIFICALLY IMPACT FEES, UPLAND PRESERVE FEES AND ANY ADMINISTRATIVE REVIEW FEES FOR CITY DEPARTMENTS. NO FEES ARE VESTED BASED

ON DATE OF CITY COUNCIL APPROVAL.

9. SIGNS ARE NOT PART OF THIS REVIEW AND SHALL BE PERMITTED SEPARATELY FROM THE APPLICATION. (SEE CHAPTER 155 (SIGN CODE) CITY OF PORT ST. LUCIE LAND DEVELOPMENT REGULATIONS.)

10. THE PROPERTY OWNER, CONTRACTOR, AND AUTHORIZED REPRESENTATIVES SHALL PROVIDE PICKUP, REMOVAL, AND DISPOSAL OF LITTER WITHIN THE PROJECT LIMITS AND SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE AREA FROM THE EDGE OF PAVEMENT TO THE PROPERTY LINE WITH IN THE CITY'S RIGHT-OF-WAY IN ACCORDANCE WITH CITY CODE, SECTION 41.08 (G)

11. FENCE POSTS SHOULD AVOID UTILITY SERVICE LINES AT ALL TIMES.

12. UTILITY SERVICES CAN BE CONNECTED ONLY AFTER THE MAINS ARE INSTALLED AND TURNED OVER TO THE CITY.

NORTH

GRAPHIC SCALE IN FEET

0 ## ## #

Know what's below.
Call before you dig.

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VERTICAL DATUM
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CITY OF PORT ST. LUCIE PROJECT:
P25-084
PSLUSD PROJECT #
5211E-21

SHEET NUMBER

C-500

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NW OUTPARCEL

MERCIAL LOT 1

PREPARED FOR

TRADITION SG3, LLC