COMMENCE AT THE INTERSECTION OF THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT CANAL NUMBER C-24, AS SHOWN ON THE RIGHT-OF-WAY MAP FOR SAID CANAL C-24, CHECKED DATED 11/25/58 AND REVISED ON 02/23/59 AND THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF THE FLORIDA EAST COAST RAILWAY COMPANY "FT. PIERCE CUT-OFF" TRACK AS SHOWN ON THE RIGHT-OF-WAY MAPS, PAGES V.3D/6 AND V.3D/7, DATED FEBRUARY 1, 1960 WITH "TRACK CORRECT" REVISION DATED 04/28/67; THENCE SOUTH 43°08'38" EAST, ALONG SAID SOUTHWESTERLY RIGHT-OF-WAY LINE OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT CANAL NUMBER C-24, A DISTANCE OF 660.46 FEET TO A POINT ON THE SOUTHEASTERLY LINE OF THE FLORIDA POWER AND LIGHT EASEMENT, AS RECORDED IN OFFICIAL RECORDS BOOK 348, PAGE 993 OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, AND THE POINT OF BEGINNING;

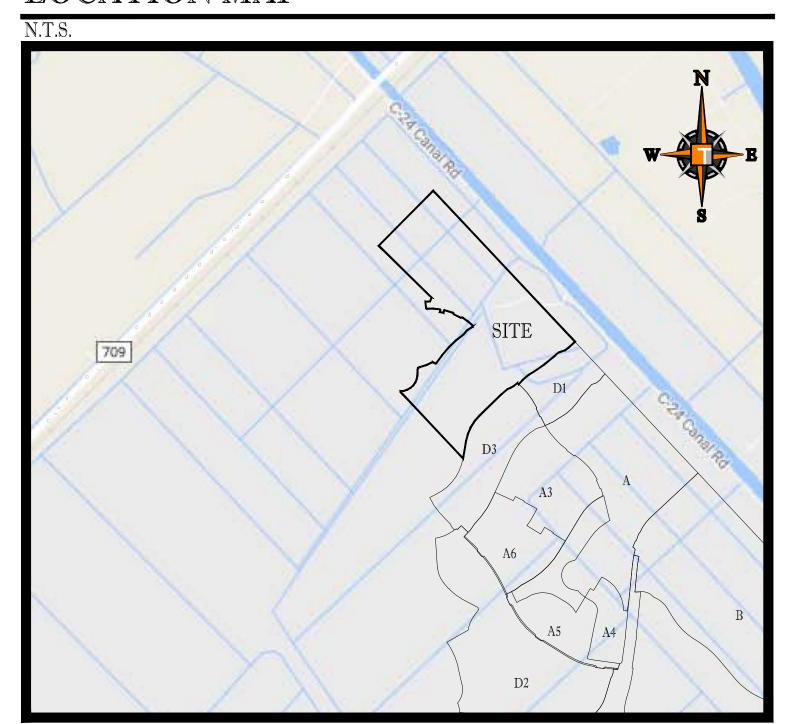
FHENCE CONTINUE SOUTH 43°08'38" EAST, ALONG SAID SOUTHWESTERLY RIGHT-OF-WAY LINE OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT CANAL NUMBER C-24. A DISTANCE OF 2757.59 FEET TO NORTHWESTERLY CORNER OF VERANO SOUTH - POD D - PLAT NO. 1 ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 87, PAGES 14 THROUGH 16 46°51'22" WEST, ALONG THE WESTERLY BOUNDARY LINE OF SAID VERANO SOUTH - POD D PLAT NO. 1, A DISTANCE OF 45.00 FEET A POINT ON THE SOUTHERLY LINE OF TRACT "CA 70", AS 70.20 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING, FHROUGH A CENTRAL ANGLE OF 33°07'43". A DISTANCE OF 122.36 FEET TO A POINT OF FEET: 3) THENCE SOUTHWESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAI A DISTANCE OF 219.46 FEET TO A POINT OF TANGENCY; 5) THENCE SOUTH 36°26'26" WEST, A DISTANCE OF 98.95 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE ANGLE OF 24°30'03". A DISTANCE OF 34.21 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 263.00 FEET; 9) THENCE OF 51.31 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF LUNATA WAY, AS SHOWN ON SAID VERANO SOUTH - POD D - PLAT NO. 1 AND A NON-TANGENT INTERSECTION RADIAL BEARING OF SOUTH 57°34'54' WEST. AT SAID INTERSECTION: THENCE NORTHWESTERLY, A LONG SAID NORTHERLY RIGHT-OF-WAY LINE OF LUNATA WAY AND ALONG RIGHT-OF-WAY LINE OF LUNATA WAY, A DISTANCE OF 43.19 FEET; THENCE SOUTH 42°56'24" COURSES: 1) THENCE SOUTH 52°53'05" WEST, A DISTANCE OF 64.49 FEET TO A NON-TANGEN $^{ ext{T}}$ POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 1426.00 FEET; 4) THENCE SOUTHWESTERLY, ALONG THE ARC OF SAID CURVE. FHROUGH A CENTRAL ANGLE 04°40'00". A DISTANCE OF 116.15 FEET TO A POINT OF TANGENCY: A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 615.50 FEET; 6) THENCE SOUTHWESTERLY, ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 35°50'37", A DISTANCE OF 385.05 FEET TO A POINT OF TANGENCY: 7) THENCE SOUTH 10°03'54" WEST. A DISTANCE OF 242.71 FEET: THENCE NORTH 43°08'38" WEST, DEPARTING SAID NORTHWESTERLY BOUNDARY LINE OF VERANO SOUTH P.U.D. 1 - POD D - PLAT NO. 3 AND ALONG THE NORTHEASTERLY BOUNDARY LINE OF VERANO SOUTH P.U.D. - POD D - PLAT NO. 5, AS RECORDED IN PLAT BOOK 112, PAGES 19 THROUGH 28, INCLUSIVE, OF SAID PUBLIC RECORDS. A DISTANCE OF 1231.21 FEET TO A POINT OF NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 221.00 FEET AND A RADIAL BEARING OF NORTH 03°12'41" EAST, AT SAID INTERSECTION; THENCE ALONG THE SOUTHEASTERLY BOUNDARY LINE OF SAID VERANO SOUTH P.U.D. - POD D - PLAT NO. 5 FOR THE FOLLOWING ELEVEN (11) COURSES: 1) THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 90°17'36", A DISTANCE OF 348.28 FEET TO A POINT OF [ANGENCY; 2) THENCE NORTH 02°55'05" EAST, A DISTANCE OF 80.78 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 30.00 FEET; 3 FHENCE NORTHEASTERLY. ALONG THE ARC OF SAID CURVE. THROUGH A CENTRAL ANGLE OF 73°03'06", A DISTANCE OF 38.25 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 776.00 FEET; 4) THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 14°22'09", A DISTANCE OF 194.61 FEET TO A NON-TANGENT INTERSECTION; 5) THENCE SOUTH 57°25'46" EAST, A DISTANCE OF 47.21 FEET TO A NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 1485.00 FEET AND A RADIAL BEARING OF SOUTH 57°25'46" EAST, AT SAID INTERSECTION; 6) THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 20°52'44", A DISTANCE OF 541.14 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 65.00 FEET; 7) THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 14°44'38", A DISTANCE OF 16.73 FEET TO A POINT OF TANGENCY; 8) THENCE NORTH 38°42'20" EAST, A DISTANCE OF 36.05 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 85.00 FEET; 9) THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 17°42'03", A DISTANCE OF 26.26 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 1501.00 FEET; 10) THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE 03°13'05", A DISTANCE OF 84.30 FEET TO A POINT OF TANGENCY; 11) THENCE NORTH 59°37'28" EAST, A DISTANCE OF 24.12 FEET TO A POINT ON THE NORTHEASTERLY LINE OF TRACT "CA-21", AS SHOWN ON SAID VERANO SOUTH P.U.D. - POD D -PLAT NO. 5. ALSO POINT OF NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE SOUTHWEST, HAVING A RADIUS OF 822.44 FEET AND A RADIAL BEARING OF SOUTH 45°03'18" WEST, AT SAID INTERSECTION; THENCE NORTHWESTERLY, ALONG SAID NORTHEASTERLY LINE OF TRACT "CA-21" AND THE NORTHEASTERLY LINE OF TRACT "CA-23", BOTH OF SAID PLAT AND ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 13°27'09", A DISTANCE OF 193.10 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 25.00 FEET; THENCE SOUTHWESTERLY, ALONG THE WESTERLY LINE OF SAID TRACT "CA-23" AND ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE 94°54'35", A DISTANCE OF 41.41 FEET TO A NON-TANGENT INTERSECTION; THENCE NORTH 63°38'26" WEST, A DISTANCE OF 92.50 FEET TO A NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE SOUTHWEST, HAVING A RADIUS OF 25.00 FEET AND A RADIAL BEARING OF NORTH 63°18'26" WEST, AT SAID INTERSECTION; THENCE NORTHWESTERLY, ALONG THE NORTHEASTERLY LINE OF TRACT "CA-24" AND ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 95°20'34", A DISTANCE OF 41.60 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 822.44 FEET; THENCE SOUTHWESTERLY, ALONG THE NORTHWESTERLY LINES OF TRACTS "CA-24" AND "CA-30" AND ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE 25°44'35", A DISTANCE OF 369.52 FEET TO A NON-TANGENT INTERSECTION; THENCE NORTH 05°03'29" WEST, DEPARTING SAID NORTHWESTERLY LINE, A DISTANCE OF 70.00 FEET TO A POINT OF NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 892.44 FEET AND A RADIAL BEARING OF S.04°26'42"E., AT SAID INTERSECTION; THENCE NORTHEASTERLY, ALONG THE SOUTHEASTERLY LINE OF TRACT "CA-2", AS SHOWN ON SAID VERANO SOUTH P.U.D. - POD D - PLAT NO. 5 AND ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 03°29'19", A DISTANCE OF 54.34 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 25.00 FEET; FHENCE ALONG THE SOUTHEASTERLY AND NORTHEASTERLY LINE OF TRACT "CA-1", AS SHOWN ON SAID VERANO SOUTH P.U.D. - POD D - PLAT NO. 5, FOR THE FOLLOWING THREE (3) COURSES: 1) THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 82°14'53". A DISTANCE OF 35.89 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE NORTHEAST, HAVING A RADIUS OF 120.00 FEET; 2) THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 16°38'39". A DISTANCE OF 34.86 FEET TO A NON-TANGENT INTERSECTION; 3) THENCE NORTH 45°25'03" WEST, A DISTANCE OF 997.22 FEET TO A POINT ON THE SOUTHEASTERLY LINE OF THAT FLORIDA POWER AND LIGHT EASEMENT, AS RECORDED IN OFFICIAL RECORDS BOOK 348, PAGE

CONSTRUCTION PLANS FOR: VERANO SOUTH POD D, PLAT 4, REPLAT No. 2

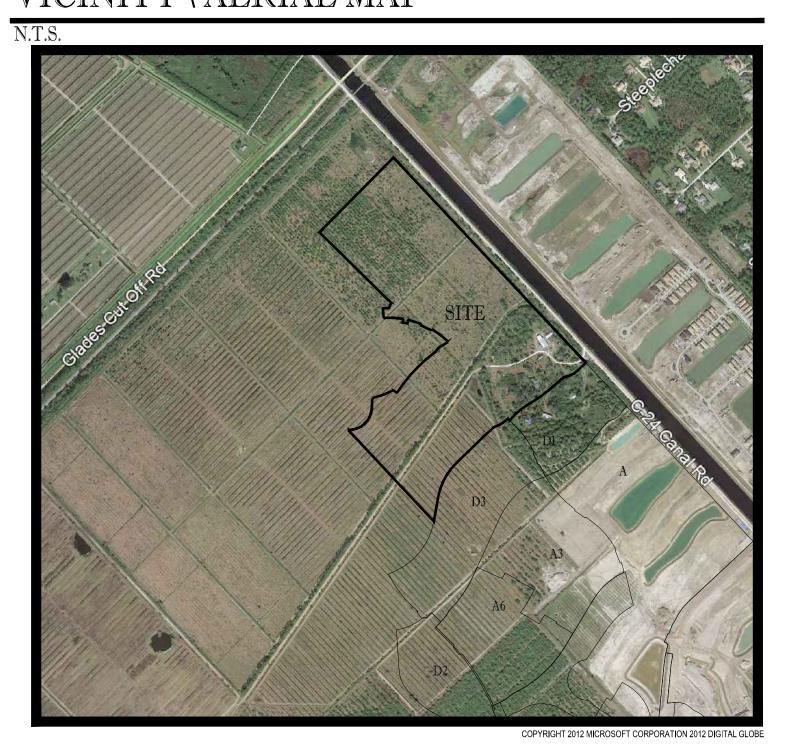
OWNER:

VERANO DEVELOPMENT, LLC

LOCATION MAP



VICINITY\AERIAL MAP



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C-02(D4R)	GENERAL NOTES
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C-05(D4R)	PGD PLAN
C-06(D4R)	PGD PLAN
C-07(D4R)	PGD PLAN
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C-33(D4R)	UTILITY PLAN
C-34(D4R)	UTILITY PLAN
C-35(D4R)	UTILITY PLAN
C-36(D4R)	UTILITY PROFILES
C-37(D4R)	UTILITY PROFILES
C-38(D4R)	UTILITY PROFILES
C-39(D4R)	UTILITY PROFILES
C-40(D4R)	UTILITY PROFILES

PROJECT TEAM

APPLICANT:

VERANO DEVELOPEMENT LLC

10911 S.W. VISCONTI WAY

PORT ST LUCIE, FL 34986

CONTACT: SCOTT MORTON

LANDSCAPE ARCHITECT/PLANNER:

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1934 COMMERCE LANE, SUITE 1

JUPITER, FL 33458

561.747.6336

CONTACT: DAN SOPROW

ENGINEER:

THOMAS ENGINEERING GROUP

125 WEST INDIANTOWN ROAD SUITE 206

JUPITER, FL 33458

CONTACT: BRANDON ULMER, **PE**

SURVEYOR:

GEOPOINT SURVEYINC, INC.
4152 W. BLUE HERON BLVD.
RIVIERA BEACH, FL 33404
(561) 444-2720
CONTACT: GARY RAGER, PSM

HOMAS ENGINEERING GROUP

PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD. SUITE 205 JUPITER, FL. 33458

PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com

GOVERNING STANDARDS:

- CITY OF PORT ST LUCIE ENGINEERING "ENGINEERING STANDARDS FOR LAND DEVELOPMENT" 1st EDITION
- CITY OF PORT ST LUCIE UTILITIES "UTILITY STANDARDS MANUAL" 2019 EDITION
- CITY OF PORT ST LUCIE UTILITIES "STANDARD DETAILS" 2020 DETAILS

THE PROPERTY OWNER, CONTRACTOR, AND AUTHORIZED REPRESENTATIVES SHALL PROVIDE PICKUP, REMOVAL, AND DISPOSAL OF LITTER WITHIN THE PROJECT LINE WITHIN THE CITY'S RIGHT-OF-WAY IN ACCORDANCE WITH CITY CODE, SECTION 41.08 (G)

The contractor and EOR shall ensure that a copy of the 2019 Utility Standards Manual, including Standard Details, is available at the project at all times.

PSLUSD PROJECT NO: 11-652-33C



REV: DATE: COMMENT: BY:

1 5-3-24 REV PER PSLUSD MJL

2 5-6-24 REV PER PSLUSD MJL



PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 9-1-18
CAD I.D.: FJ160006-COVER-SHEET

VERANO SOUTH
POD D
PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA

HOMAS

840 SE OSCEOLA ST STUART, FL 34994 PH: (772)-888-3138 www.ThomasEngineeringGroup.com



COVER SHEET

SHEET NUMBER:

C-01(D4R)

PORT ST. LUCIE PROJECT NO: P24-005

CONTAINING: 4,017,224 SQUARE FEET OR 90.223 ACRES, MORE OR LESS.

993, OF SAID PUBLIC RECORDS; THENCE NORTH 44°46'02" EAST, ALONG SAID SOUTHEASTERLY

LINE OF THE FLORIDA POWER AND LIGHT EASEMENT. A DISTANCE OF 1031.43 FEET TO A POINT

OF INTERSECTION WITH SAID SOUTHWESTERLY RIGHT-OF-WAY LINE OF THE SOUTH FLORIDA

WATER MANAGEMENT DISTRICT CANAL NUMBER C-24 AND THE POINT OF BEGINNING.

. THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS SITE PLAN:

- BOUNDARY SURVEY - ARCADIS

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT HE/SHE HAS THE LATEST EDITION OF THE DOCUMENTS REFERENCED ABOVE.

. ALL HANDICAPPED PARKING SPACES SHALL BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. SEC. 12101 ET SEQ. AND 42 U.S.C. SEC. 4151 ET SEQ.) OR THE REQUIREMENTS OF THE JURISDICTION WHERE THIS PROJECT IS TO BE CONSTRUCTED.

B. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE COMMENTS TO ALL PLANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES. CONTRACTOR SHALL HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.

1. THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE REQUIREMENTS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES HAVING JURISDICTION

. THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH HEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF CONFLICT, SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DISCREPANCY BETWEEN THE GEOTECHNICAL REPORTS AND PLANS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH ANY FURTHER WORK.

7. THE BOUNDARY SURVEY PREPARED BY ARCADIS, SHALL BE CONSIDERED A PART OF THESE PLANS.

. THESE PLANS ARE BASED ON INFORMATION PROVIDED TO THOMAS ENGINEERING BY THE OWNER AND OTHERS PRIOR TO THE TIME OF PLAN PREPARATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THOMAS ENGINEERING IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.

9. ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO THE GIVING OF SUCH NOTIFICATION AND THE ENGINEER'S WRITTEN AUTHORIZATION OF SUCH ADDITIONAL WORK.

10. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL/BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY LOCATIONS.

. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE BUILDING LAYOUT BY CAREFUL REVIEW OF THE SITE PLAN AND LATEST ARCHITECTURAL PLANS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLAN, WHERE APPLICABLE). CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER, ARCHITECT AND SITE ENGINEER OF ANY DISCREPANCIES.

12. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.

13. THE CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT AND CONTIGUOUS STRUCTURES.

14. THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT. STRUCTURES. ETC. WHICH ARE TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, ETC. WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA.

15. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY SHALL RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE EXISTING CONDITIONS, AND IN CONFORMANCE WITH APPLICABLE CODES. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.

16. ALL CONCRETE SHALL HAVE THE MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT

7. THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS / MEANS FOR COMPLETION OF THE WORK DEPICTED NEITHER ON THESE PLANS, NOR FOR ANY CONFLICTS/SCOPE REVISIONS WHICH RESULT FROM SAME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

8. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAS THE ENGINEER OF RECORD BEEN RETAINED FOR SUCH PURPOSES.

19. ALL CONTRACTORS MUST CARRY THE SPECIFIED STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME Thomas ENGINEERING, AND ITS SUB-CONSULTANTS AS ADDITIONAL NAMED INSURERS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THIS HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH Thomas ENGINEERING WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS Thomas ENGINEERING AND ITS SUB-CONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS.

20. THOMAS ENGINEERING WILL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND/OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. Thomas ENGINEERING'S SHOP DRAWING REVIEW WILL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT Thomas ENGINEERING HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. Thomas ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO ITS ATTENTION, IN WRITING, BY THE CONTRACTOR. Thomas ENGINEERING WILL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.

NEITHER THE PROFESSIONAL ACTIVITIES OF THOMAS ENGINEERING, NOR THE PRESENCE OF THOMAS ENGINEERING OR ITS EMPLOYEES AND SUB-CONSULTANTS AT A CONSTRUCTION / PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. THOMAS ENGINEERING AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THOMAS ENGINEERING SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE NAMED AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE.

22. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN. WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER

FOR SUCH DEVIATIONS, CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK DONE WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS RELATED TO SAME.

23. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE R.O.W. OR ON SITE. THE COST FOR THIS ITEM SHOULD BE INCLUDED IN THE CONTRACTOR'S PRICE.

24. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED THEREON, WITHOUT FIRST OBTAINING PRIOR WRITTEN AUTHORIZATION FOR SUCH DEVIATIONS FROM THE OWNER AND ENGINEER, IT SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE, ALL FINES OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS TO CORRECT ANY SUCH WORK AND FROM ALL SUCH FINES AND PENALTIES, COMPENSATION AND PUNITIVE DAMAGES AND COSTS OF ANY NATURE RESULTING THEREFROM.

25. CONTRACTOR SHALL CONFIRM ADA ACCESSIBILITY PRIOR TO INSTALLING FINISHING COURSES OF SIDEWALKS AND PARKING AREAS.

26. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A RECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.

27. CONTRACTOR SHALL PROVIDE MINIMUM 48 HOUR NOTICE TO ENGINEER AND APPLICABLE AGENCIES FOR SCHEDULING INSPECTIONS.

28. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD AND CITY OF PORT ST LUCIE FOR THE FOLLOWING: CATCH BASINS, FIRE HYDRANTS, VALVES, AND ALL REQUIRED ACCESSORIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVALS IF REQUIRED.

29. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY.

30. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH M.U.T.C.D. AND APPROVED BY CITY OF PORT ST LUCIE WHERE APPLICABLE PRIOR TO IMPLEMENTATION.

31. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.

32. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE THE BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION FROM CITY OF PORT ST LUCIE.

33. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR FOR ANY NECESSARY CONSTRUCTION, PAVEMENT MARKING AND SIGNAGE OR ANY PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN ALTERNATE SAFE WALK ROUTE. ALL RESTORED TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE GOVERNING AGENCY'S TRAFFIC ENGINEERING STANDARDS.

34. CONTRACTOR SHALL STAKE EASEMENT, SIDEWALK, CURBING AND/OR ROAD RIGHT OF WAY LINES DURING CONSTRUCTION OF WATER, SEWER AND DRAINAGE FACILITIES THAT ARE REQUIRED TO LINE UP WITH ABOVE GROUND FACILITIES.

SANITARY SEWER:

DISTANCE AND LENGTHS SHOWN ON PLANS REFERENCE THE CENTER OF STRUCTURES.

2. CONSTRUCTION AND INSTALLATION OF SANITARY SEWER SHALL FOLLOW CITY OF PORT ST LUCIE UTILITY DEPARTMENT MINIMUM CONSTRUCTION STANDARDS, LATEST EDITION

3. TESTING OF SANITARY SEWER SHALL BE BASED ON CITY OF PORT ST LUCIE UTILITY DEPARTMENT MINIMUM CONSTRUCTION STANDARDS, LATEST EDITION

WATER DISTRIBUTION AND/OR SANITARY SEWER FORCEMAIN

NO CONNECTIONS TO THE EXISTING LINES SHALL BE MADE UNTIL PRESSURE TESTS, FOR THE WATER AND SEWER FORCE MAINS, AND BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED AND THE SYSTEM IS ACCEPTABLE TO CITY OF PORT ST LUCIE UTILITY DEPARTMENT.

2. CONSTRUCTION AND INSTALLATION OF WATERMAIN SHALL FOLLOW CITY OF PORT ST LUCIE UTILITIES DEPARTMENT MINIMUM CONSTRUCTION STANDARDS. LATEST EDITION

3. TESTING OF WATERMAIN SHALL BE BASED ON CITY OF PORT ST LUCIE UTILITIES DEPARTMENT MINIMUM CONSTRUCTION STANDARDS, LATEST EDITION

4. ALL WATER MAIN PIPE, INCLUDING FITTINGS, INSTALLED ON OR AFTER AUGUST 28, 2003, EXCEPT PIPE INSTALLED UNDER A CONSTRUCTION PERMIT FOR WHICH THE DEPARTMENT RECEIVED A COMPLETE APPLICATION BEFORE AUGUST 28, 2003, SHALL BE COLOR CODED OR MARKED USING BLUE AS A PREDOMINANT COLOR TO DIFFERENTIATE DRINKING WATER FROM RECLAIMED OR OTHER WATER. UNDERGROUND PLASTIC PIPE SHALL BE SOLID-WALL BLUE PIPE, SHALL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR SHALL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE SHALL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING MANUFACTURING OF THE PIPE SHALL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT SHALL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPES WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT SHALL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE AT DRINKING WATER TREATMENT PLANTS SHALL BE COLOR CODED AND LABELED IN ACCORDANCE WITH SUBSECTION 62-555.320(10), F.A.C., AND ALL OTHER ABOVEGROUND PIPE SHALL BE PAINTED BLUE OR SHALL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.

SEPARATION OF WATER AND SEWER MAINS:

SEPARATION OF WATER, SEWER, AND STORM SHALL BE BASED ON CITY OF PORT ST LUCIE UTILITY DEPARTMENT MINIMUM CONSTRUCTION STANDARDS AND SHALL MEET THE LATEST F.A.C. 62-555.314

2. ALL PSLUSD PIPES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 5' FROM ALL OTHER UNDERGROUND UTILITIES AND A VERTICAL SEPARATION OF AT LEAST 18". SEE PSLUSD UTILITY STANDARDS MANUAL FOR ADDITIONAL SPECS.

STORM DRAINAGE:

GENERAL:

1. CATCH BASIN GRATES AND RIM ELEVATIONS AS SHOWN ON PLANS SHALL BE ADJUSTED TO CONFORM TO NEW OR EXISTING GRADES.

2. DISTANCES AND LENGTHS SHOWN ON PLANS REFERENCE INSIDE WALLS OF THE STRUCTURE.

MATERIALS:

3. ALL HIGH DENSITY POLYETHYLENE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF AASHTO M - 294 LATEST REVISIONS. ALL PIPING TO BE NON-PERFORATED TUBING, EXCEPT WHERE EXFILTRATION TRENCH IS PROPOSED.

4. ALL YARD DRAIN BASINS ARE TO BE HIGH DENSITY POLYETHYLENE PRODUCT AND SHALL MEET ASTM LATEST MINIMUM STANDARDS.

ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AND SHALL MEET THE REQUIREMENTS OF A.S.T.M. SPECIFICATION C-478 AND 64T UNLESS OTHERWISE NOTED IN THE PLANS. NO BLOCK CATCH BASINS WILL BE ALLOWED THE MINIMUM WALL AND SLAB THICKNESS SHALL BE 8 INCHES AND THE MINIMUM REINFORCING SHALL BE NO. 4 BARS AT 12 INCHES EACH WAY UNLESS OTHERWISE INDICATED. CONCRETE SHALL BE MINIMUM OF fc=3750 PSI AT 28 DAYS.

INSTALLATION:

6. THE CONTRACTOR SHALL FOLLOW CITY OF PORT ST LUCIE DETAILS FOR PIPE BACKFILL REQUIREMENTS SAID DETAIL IS INCLUDED IN THE DRAINAGE DETAIL SHEETS OF THIS PLAN SET

7. ALL PIPE JOINTS SHALL BE WRAPPED IN FILTER FABRIC

PROVIDE A MINIMUM PROTECTIVE COVER OF 30 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.

9. THE CONTRACTOR SHALL NOTIFY CITY OF PORT ST LUCIE ENGINEERING DEPARTMENT/ FDOT AND THE ENGINEER OF RECORD AT LEAST 7 DAYS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

PAVING:

1. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.

2. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S

3. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT TO ENSURE A PROPER JOINT.

4. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLONS PER SQUARE YARD. PRIME AND TACK COAT FOR BASE SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF SECTIONS 300-1 THROUGH 300-7 OF FDOT STANDARDS AND SPECIFICATIONS.

. LIMEROCK BASE: (ASPHALT, VEHICULAR PAVERS AREAS) LIMEROCK BASE COURSE MATERIAL FOR PAVED AREAS SHALL BE A MINIMUM 8" THICKNESS AND COMPACTED TO 98% MAXIMUM DRY DENSITY PER AASHTO T-180 (LBR 100), OTHER SUBSTITUTES SHALL BE PER FDOT SPECIFICATIONS AND PROVIDE EQUIVALENT STRUCTURAL NUMBER AS ABOVE (MIN LBR 100).

2. WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR TYPE S-9.5 ASPHALTIC CONCRETE.

3. REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH A MINIMUM STRENGTH OF 3.000 PSI AND SHALL BE REINFORCED WITH A 6" x 6" NO. 6 GAUGE WIRE MESH OR FIBER MESH CONCRETE

C. INSTALLATION:

1. SUB-BASE 12" STABILIZED SUB-BASE COMPACTED TO 98% OF MAX. DRY DENSITY PER AASHTO T-180 (MIN LBR 40). 2. BASE COURSE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.

3. INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE D.O.T. STANDARD SPECIFICATIONS FOR TYPE SP-12.5 & SP-9.5 ASPHALTIC CONCRETE OR THE LATEST REVISION.

1. THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 1/4" FROM THE TEMPLATE. ANY IRREGULARITIES EXCEEDING THIS LIMIT SHALL BE CORRECTED.

2. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE ENGINEER.

3. ALL TESTING COSTS (PAVING) SHALL BE PAID FOR BY THE CONTRACTOR.

4. DENSITY TESTS ON THE BASE AND STABILIZED SUBGRADE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD AND APPROVED BEFORE ANY BASE IS CONSTRUCTED.

5. DENSITY TESTS AND "AS-BUILTS" ON THE FINISHED BASE SHALL BE SUPPLIED TO THE EOR, AND APPROVED BEFORE ANY ASPHALT

6. LABORATORY PROCTOR COMPACTION TESTS (T-180) SHALL BE PERFORMED ON ALL MATERIAL, SUB-GRADE AND BASE. LIMEROCK BEARING RATIONS, SIEVE ANALYSIS AND DENSITIES REQUIRED BY THE CONTRACT DOCUMENTS SHALL BE SUBMITTED TO THE CITY OF PORT ST LUCIE.

PAVEMENT MARKING & SIGNAGES

1. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," LATEST EDITION; AND CITY OF PORT ST LUCIE ENGINEERING STANDARDS.

2. ALL PAVEMENT MARKINGS AND STRIPING, EXCLUDING PARKING STALL STRIPING, SHALL BE INSTALLED WITH THERMOPLASTIC MATERIALS. PAVER BRICKS OF APPROPRIATE COLOR SHALL BE USED ON PAVER BRICK AREAS, IN LIEU OF PAINT OR THERMOPLASTIC MATERIAL IN ACCORDANCE WITH SECTION 78-344 OF THE LDR.

POLLUTION PREVENTIONS

1. THE CONTRACTOR SHALL CONTINUOUSLY ENSURE THAT THE PERIMETER OF THE SITE, INCLUDING CONSTRUCTION ENTRANCES, IS SECURED FROM ALLOWING DEBRIS TO LEAVE THE SITE DUE TO CONSTRUCTION ACTIVITY OR RAINFALL EVENTS. A WEEKLY LOG SHALL BE UPDATED AND KEPT ON-SITE IN ACCORDANCE WITH THE NPDES PERMIT. BY BIDDING DOCUMENTS CONTRACTOR ACKNOWLEDGES HE/SHE IS AWARE OF NPDES GUIDELINES AND POLICIES AS WELL AS BEST MANAGEMENT PRACTICES AND ASSUMES SOLE RESPONSIBILITY FOR FINES IMPOSED BY GOVERNMENTAL AGENCIES DUE TO VIOLATIONS.

PROJECT RECORD DOCUMENTS:

A. DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON HIS SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.

B. UPON COMPLETION OF DRAINAGE IMPROVEMENTS AND BASE CONSTRUCTION (AND BEFORE PLACING ASPHALT PAVEMENT) THE CONTRACTOR SHALL FURNISH THE ENGINEER OF RECORD "AS-BUILT" PLANS FOR THESE IMPROVEMENTS, SHOWING THE LOCATIONS AND APPLICABLE GRADES OF ALL DRAINAGE INSTALLATIONS AND THE FINISHED ROCK GRADES OF THE ROAD CROWN OR INVERT AND EDGES OF PAVEMENT AT 50 FOOT INTERVALS, INCLUDING LOCATIONS AND ELEVATIONS OF ALL HIGH AND LOW

UPON COMPLETION OF CONSTRUCTION, AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF ALL "AS-BUILT" CONTRACT DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONS, LOCATIONS, AND ELEVATIONS OF ALL IMPROVEMENTS IN A FORMAT APPROVED BY CITY OF PORT ST LUCIE PUBLIC UTILITIES / ENGINEERING DEPARTMENT.

"AS-BUILT" INFORMATION OF GRAVITY SEWERS MUST CONTAIN LOCATION OF SERVICE LATERALS. STATIONING OF BOTH THE WYE, CLEAN-OUTS, AND THE SERVICE END MUST ALSO BE INCLUDED.

"AS-BUILT" INFORMATION OF WATER DISTRIBUTION SYSTEMS MUST CONTAIN LOCATIONS OF ALL VALVES, FITTINGS, FIRE HYDRANTS, SERVICES AND APPURTENANCES. TOP OF PIPE ELEVATIONS ALONG THE WATER MAIN ARE REQUIRED AT INTERVALS OF 100 FEET (MAXIMUM).

F. ALL "AS-BUILT" INFORMATION ON ELEVATIONS SHALL BE CERTIFIED BY A FLORIDA PROFESSIONAL SURVEYOR & MAPPER

G. "AS-BUILTS" OF WATER LINES SHALL BASED ON PORT ST LUCIE UTILITY DEPARTMENT WRITTEN SPECIFICATIONS.

"AS-BUILTS" OF ALL GRAVITY SANITARY SEWER LINES SHALL INCLUDE THE FOLLOWING INFORMATION: 1. RIMS, INVERTS AND LENGTH OF PIPING BETWEEN STRUCTURES AS WELL AS SLOPES. 2. THE STUB ENDS OF ALL SEWER LATERALS SHALL BE LOCATED, AND IF THERE ARE ANY CLEANOUTS INSTALLED ON THE SEWER LATERALS, THEN THE INVERT ELEVATION OF THESE CLEANOUTS NEED TO BE OBTAINED.

"AS-BUILTS" OF ALL DRAINAGE LINES SHALL INCLUDE THE FOLLOWING INFORMATION: 1. RIMS, INVERTS AND LENGTH OF PIPING BETWEEN STRUCTURES AND WEIR ELEVATIONS IF APPLICABLE. 2. THE SIZE OF THE PIPING SHALL BE VERIFIED BY THE SURVEY CREW AT THE TIME OF "AS-BUILT". 3. DRAINAGE WELL STRUCTURE "AS-BUILTS" SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP OF CASING ELEVATION, TOP AND BOTTOM ELEVATIONS OF THE BAFFLE WALLS, RIM ELEVATIONS AND INVERTS OF PIPING.

ROCK ELEVATIONS AT ALL HIGH AND LOW POINTS, AND AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY.

ALL ROCK "AS-BUILTS" FOR PARKING LOT AREAS SHALL CONSIST OF THE FOLLOWING:

ROCK "AS-BUILTS" SHALL BE TAKEN AT ALL LOCATIONS WHERE THERE IS A FINISH GRADE ELEVATION SHOWN ON THE DESIGN

3. ALL CATCH BASIN AND MANHOLE RIM ELEVATIONS SHALL BE SHOWN.

ELEVATIONS AROUND ISLAND AREAS WILL ALSO BE REQUIRED.

WHERE CONCRETE IS TO BE USED AS A FINISHED PRODUCT FOR THE ROADWAY OR PARKING LOT ROCK "AS-BUILTS" WILL BE required as indicted above, as well as "as-builts" on the finished concrete at locations where there is a finisi GRADE ELEVATION SHOWN ON THE DESIGN PLANS.

6. "AS-BUILTS" SHALL BE TAKEN ON ALL PAVED AND UNPAVED SWALES. PRIOR TO PLACEMENT OF ASPHALT OR TOPSOIL/SOD AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY AND CONFORMANCE TO THE PLAN DETAILS.

K. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS, "AS-BUILTS", BASED ON CITY OF PORT ST LUCIE UTILITY DEPARTMENT AND CITY OF PORT ST LUCIE ENGINEERING DEPARTMENT REQUIREMENTS AND

PROJECT CLOSEOUT:

requirement shall apply

I. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALI SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN.

THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, OR EMPLOYEES, TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THAT END, THE CONTRACTOR SHALL DO, AS REQUIRED, ALL NECESSARY HIGHWAY, DRIVEWAY, WALK AND LANDSCAPING WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.

3. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR HAS BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

4. ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES, REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AND MAPPER AT THE CONTRACTOR'S EXPENSE.

5. ALL PAVED & UNPAVED SURFACES DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED BEFORE THE CONSTRUCTION.

In the event of conflict specifications with these notes and the Utility Standards Manual, the more stringent

REVISIONS COMMENT:

1 5-3-24 REV PER PSLUSD MJL 2 5-6-24 REV PER PSLUSD MJL

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PROJECT No. DRAWN BY:

> CHECKED BY: CAD I.D.: FJ160006-GENERAL-NOTES PROJECT

VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



No. 68345

PROFESSIONAL ENGINEER

www. Thomas Engineering Group.com

FLORIDA LICENSE NO 68325 FLORIDA BUSINES GERT. CEAUTH. No. 27528

GENERAL NOTES

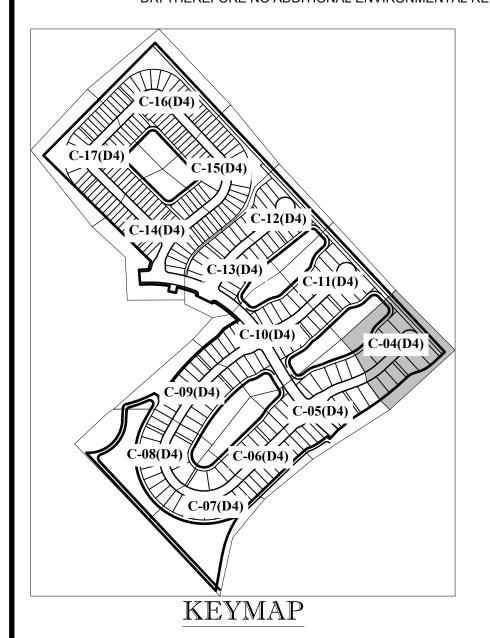
PSLUSD PROJECT NO: 11-652-33C

PORT ST. LUCIE PROJECT NO: P24-005

FLEVATIONS BASED ON NAVD '88



Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)
Wetlands	No	N/A	N/A	N/A
Rare Habitat	No	N/A	N/A	N/A
Threatened Species	No	N/A	N/A	N/A
Endangered Species	No	N/A	N/A	N/A
Species of Special Concern	No	N/A	N/A	N/A
Invasive / Exotic Vegetation	No	N/A	N/A	N/A
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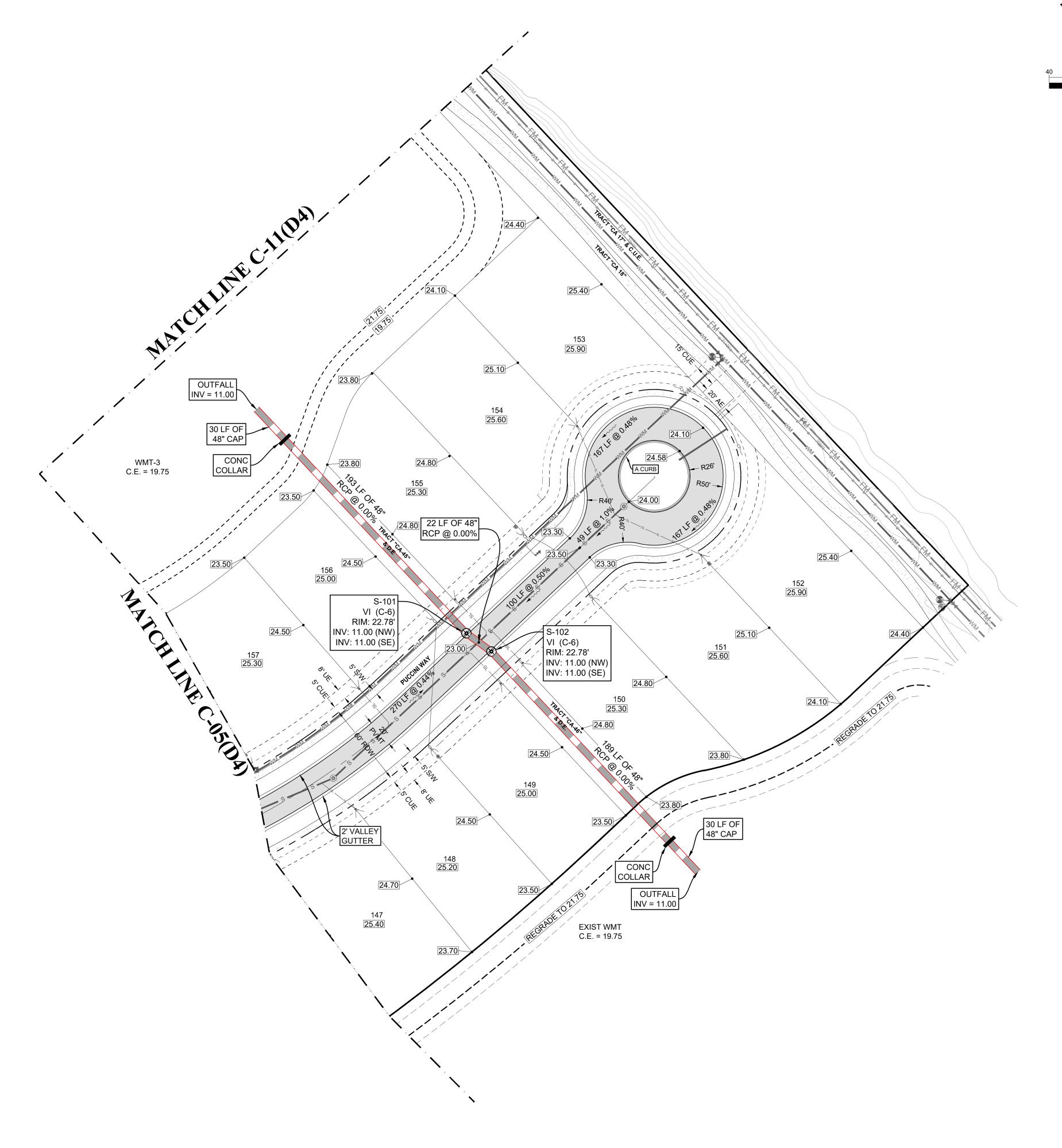


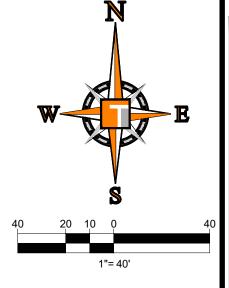
ENGINEERI	NG LEGEND
WATER MAIN	
STORM SEWER	
SANITARY SEWER MAIN	ss
FORCE MAIN	—— FM ——— FM ———
CATCH BASIN	
MANHOLE	(S)
PROPOSED ELEVATION	
FIRE HYDRANT	+
DECORATIVE LIGHTING	
RIGHT OF WAY / CUE /UE	
WATER SERVICE	Y
SEWER SERVICE	Ť Ť
LOT NUMBER / FINISH FLOOR	<u>49</u> 26.45
24" STOP BAR AND STOP SIGN	-u

BASIN SUMMARY					
BASIN#	Minimum Berm	Minimum Finish Floor			
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		

CONSTRUCTION NOTES:

- CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. S/W, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA. CONTRACTOR TO MATCH EXIST. GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO
- CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES. CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY DESIGN STANDARDS.
- CONTRACTOR TO SOD ALL DISTURBED AREAS, SODDING INCLUDES MAINTAINING SLOPE AND SOD UNTIL COMPLETION AND ACCEPTANCE OF THE TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST.
- ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR. THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS
- PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS/HER CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER. NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770) OR (811) PRIOR TO CONSTRUCTION.
- 10. PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS. 11. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.







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REV:	DATE:	COMMENT:	BY:					
1	5-3-24	REV PER PSLUSD	MJL					
2	5-6-24	REV PER PSLUSD	MJL					
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PROJECT No. DRAWN BY: CHECKED BY: DATE: CAD I.D.: FJ160006-PGD-PLANS PROJECT:

VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



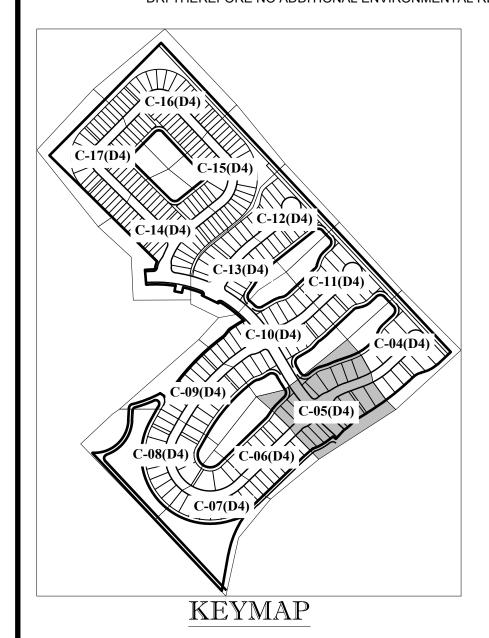
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PGD PLAN

PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005

Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)
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Rare Habitat	No	N/A	N/A	N/A
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Species of Special Concern	No	N/A	N/A	N/A
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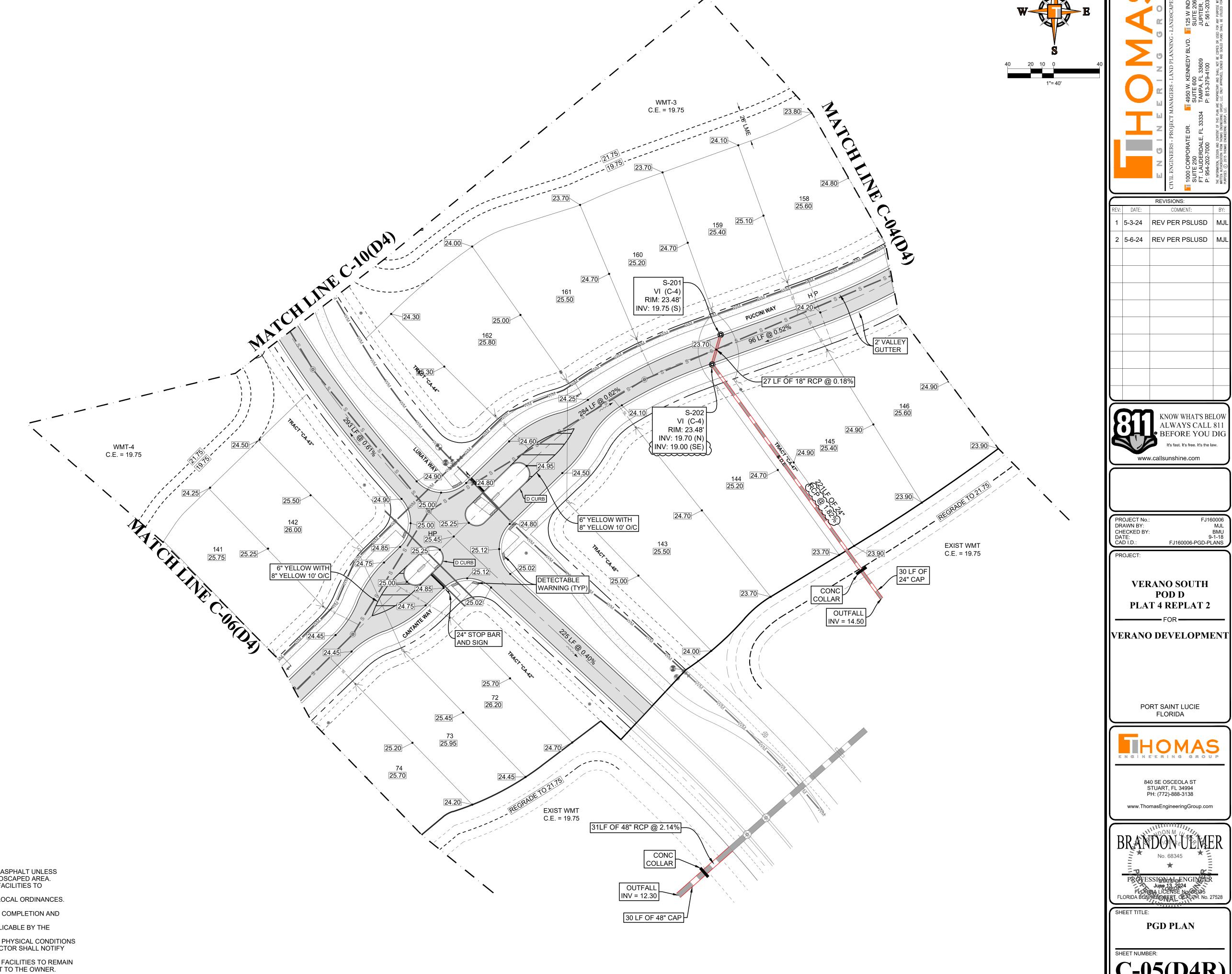


ENGINEERING LEGEND		
WATER MAIN		
STORM SEWER		
SANITARY SEWER MAIN	ss	
FORCE MAIN	—— FM —— FM ——	
CATCH BASIN		
MANHOLE	(S)	
PROPOSED ELEVATION		
FIRE HYDRANT	+	
DECORATIVE LIGHTING		
RIGHT OF WAY / CUE /UE		
WATER SERVICE	Y	
SEWER SERVICE	Ť	
LOT NUMBER / FINISH FLOOR	<u>49</u> 26.45	
24" STOP BAR AND STOP SIGN	- 	

BASIN SUMMARY					
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor		
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- CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES.
- CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY DESIGN STANDARDS. CONTRACTOR TO SOD ALL DISTURBED AREAS, SODDING INCLUDES MAINTAINING SLOPE AND SOD UNTIL COMPLETION AND ACCEPTANCE OF THE TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST.
- ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR. THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES, AND OTHER FACILITIES TO REMAIN
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- 10. PROJECT BASED ON DESIGN SURVEY PREPARED BÝ OTHERŚ. 11. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.



5-3-24 REV PER PSLUSD

2 5-6-24 REV PER PSLUSD

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VERANO SOUTH

POD D

PLAT 4 REPLAT 2

PORT SAINT LUCIE FLORIDA

840 SE OSCEOLA ST STUART, FL 34994 PH: (772)-888-3138 www. Thomas Engineering Group.com

PROFESSIONAL ENGINEER

FLORIDA LICENSE NO 68325 FLORIDA BUSINES GERT. CE AUTH. No. 2752

PGD PLAN

PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005

FJ160006-PGD-PLANS

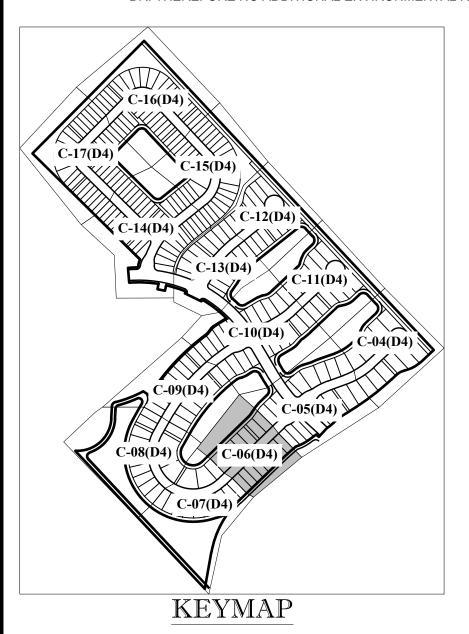
PROJECT No.

DRAWN BY:

CHECKED BY: DATE: CAD I.D.:

PROJECT:

Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)
Wetlands	No	N/A	N/A	N/A
Rare Habitat	No	N/A	N/A	N/A
Threatened Species	No	N/A	N/A	N/A
Endangered Species	No	N/A	N/A	N/A
Species of Special Concern	No	N/A	N/A	N/A
Invasive / Exotic Vegetation	No	N/A	N/A	N/A
ENIVED ON MENTAL	A 00500145	NIT LIAC DEEN ADDDECOED LINDE	THE OVER ALL	

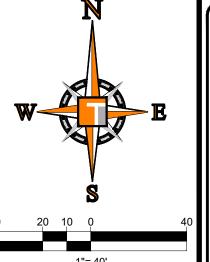


ENGINEERING LEGEND		
WATER MAIN		
STORM SEWER		
SANITARY SEWER MAIN	ss	
FORCE MAIN	—— FM —— FM ——	
CATCH BASIN		
MANHOLE	(S)	
PROPOSED ELEVATION		
FIRE HYDRANT	+	
DECORATIVE LIGHTING		
RIGHT OF WAY / CUE /UE		
WATER SERVICE	Y	
SEWER SERVICE	Y Y	
LOT NUMBER / FINISH FLOOR	49 26.45	
24" STOP BAR AND STOP SIGN	- v-	

BASIN SUMMARY					
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor		
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		

CONSTRUCTION NOTES:

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REVISIONS:				
REV:	DATE:	COMMENT:	BY:	
1	5-3-24	REV PER PSLUSD	MJL	
2	5-6-24	REV PER PSLUSD	MJL	



DRAWN BY: CHECKED BY: DATE: CAD I.D.: FJ160006-PGD-PLANS PROJECT:

VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

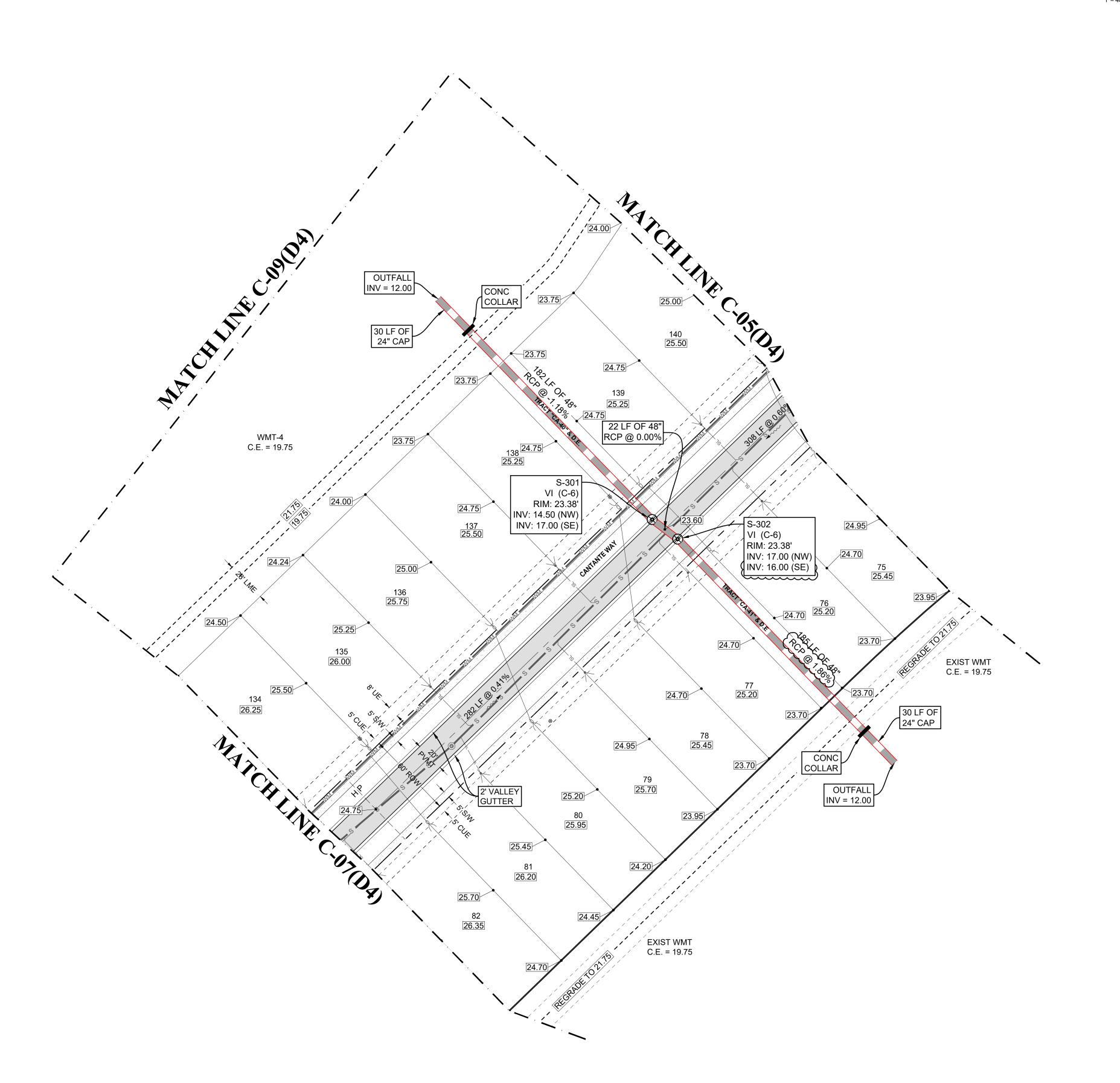
FLORIDA



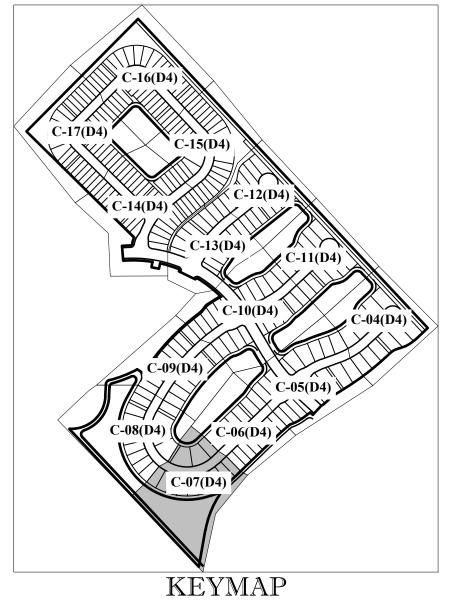
STUART, FL 34994 PH: (772)-888-3138 www. Thomas Engineering Group.com



PGD PLAN



(Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)
No	N/A	N/A	N/A
No	N/A	N/A	N/A
No	N/A	N/A	N/A
No	N/A	N/A	N/A
No	N/A	N/A	N/A
No	N/A	N/A	N/A
	No No No No No No No	No N/A No N/A No N/A No N/A No N/A No N/A No N/A	No N/A N/A No N/A N/A

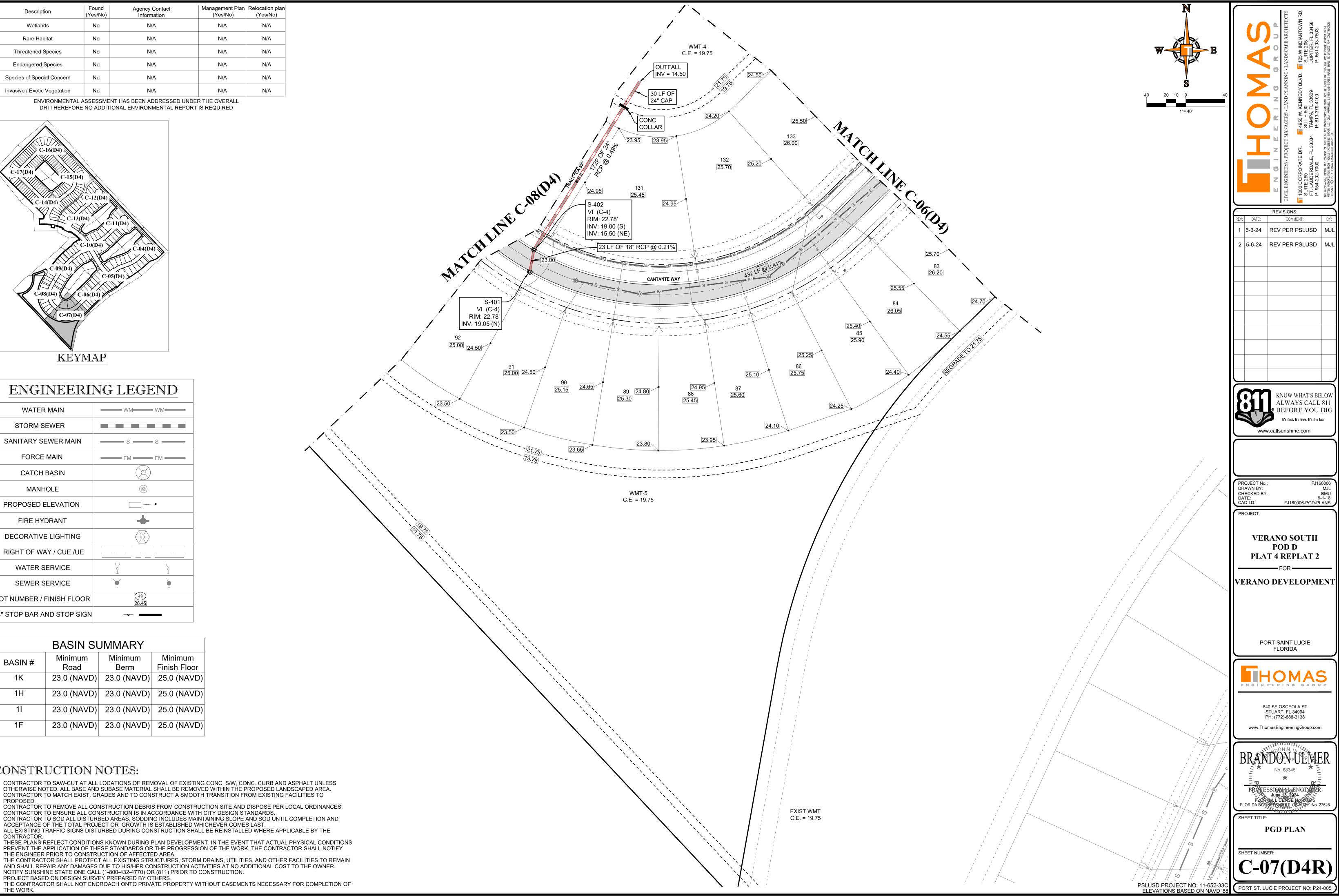


ENGINEERING LEGEND			
WATER MAIN			
STORM SEWER			
SANITARY SEWER MAIN	ss		
FORCE MAIN	—— FM —— FM ——		
CATCH BASIN			
MANHOLE	6		
PROPOSED ELEVATION	-		
FIRE HYDRANT	+		
DECORATIVE LIGHTING			
RIGHT OF WAY / CUE /UE			
WATER SERVICE	Y		
SEWER SERVICE	<u> </u>		
LOT NUMBER / FINISH FLOOR	<u>49</u> <u>26.45</u>		
24" STOP BAR AND STOP SIGN	-v-		

BASIN SUMMARY				
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor	
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	

CONSTRUCTION NOTES:

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POD D

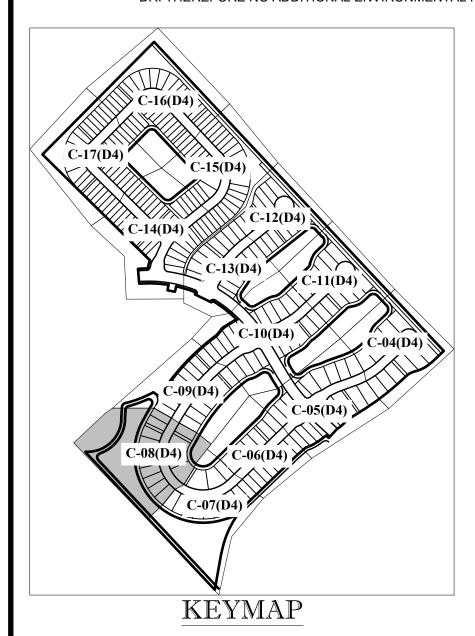
PORT SAINT LUCIE FLORIDA

840 SE OSCEOLA ST STUART, FL 34994 PH: (772)-888-3138

PGD PLAN

FJ160006-PGD-PLANS

Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)
Wetlands	No	N/A	N/A	N/A
Rare Habitat	No	N/A	N/A	N/A
Threatened Species	No	N/A	N/A	N/A
Endangered Species	No	N/A	N/A	N/A
Species of Special Concern	No	N/A	N/A	N/A
Invasive / Exotic Vegetation	No	N/A	N/A	N/A
ENIVIDONIMENTAL I	COECONAE		THE OVERALL	L



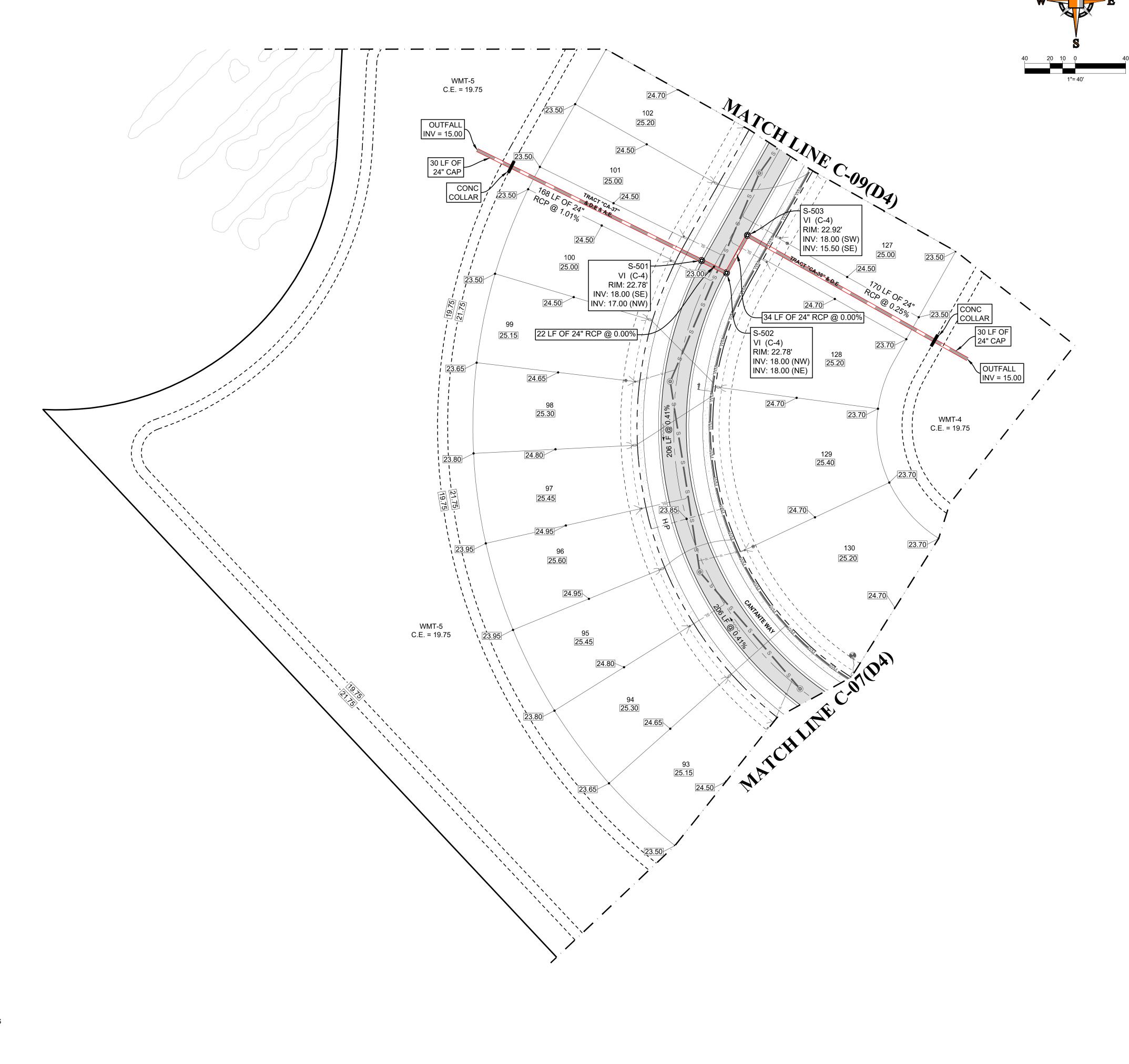
ENGINEERING LEGEND			
WATER MAIN			
STORM SEWER			
SANITARY SEWER MAIN	ss		
FORCE MAIN	—— FM —— FM ——		
CATCH BASIN			
MANHOLE	(S)		
PROPOSED ELEVATION			
FIRE HYDRANT	+		
DECORATIVE LIGHTING			
RIGHT OF WAY / CUE /UE			
WATER SERVICE	Y		
SEWER SERVICE	Ť		
LOT NUMBER / FINISH FLOOR	(49) [26.45]		
24" STOP BAR AND STOP SIGN			

BASIN SUMMARY					
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor		
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
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PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005

1 5-3-24 REV PER PSLUSD MJL

2 5-6-24 REV PER PSLUSD

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VERANO SOUTH

POD D

PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

840 SE OSCEOLA ST STUART, FL 34994 PH: (772)-888-3138 www.ThomasEngineeringGroup.com

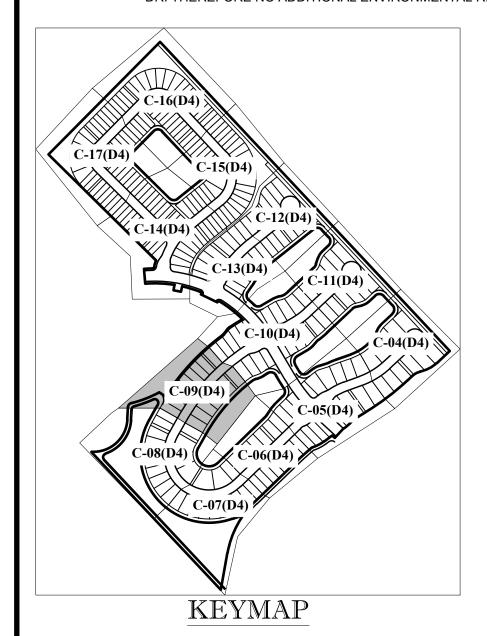
PROFESSIONAL ENGINEER

PGD PLAN

FJ160006-PGD-PLANS

DRAWN BY: CHECKED BY: DATE: CAD I.D.:

			1		
Description	Found	Agency Contact	Management Plan		
Description	(Yes/No)	Information	(Yes/No)	(Yes/No)	
Wetlands	No	N/A	N/A	N/A	
Rare Habitat	No	N/A	N/A	N/A	
Threatened Species	No	N/A	N/A	N/A	
oateou opes.ee		,, .		,, .	
Endangered Species	No	N/A	N/A	N/A	
Species of Special Concern	No	N/A	N/A	N/A	
Invasive / Exotic Vegetation	No	N/A	N/A	N/A	
ENVIRONMENTAL ASSESSMENT HAS BEEN ADDRESSED LINDED THE OVERALL					



ENGINEERING LEGEND			
WATER MAIN			
STORM SEWER			
SANITARY SEWER MAIN	ss		
FORCE MAIN	—— FM —— FM ——		
CATCH BASIN			
MANHOLE			
PROPOSED ELEVATION			
FIRE HYDRANT	+		
DECORATIVE LIGHTING			
RIGHT OF WAY / CUE /UE			
WATER SERVICE	Y		
SEWER SERVICE	Ť		
LOT NUMBER / FINISH FLOOR	<u>49</u> 26.45		
24" STOP BAR AND STOP SIGN			

BASIN SUMMARY					
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor		
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		

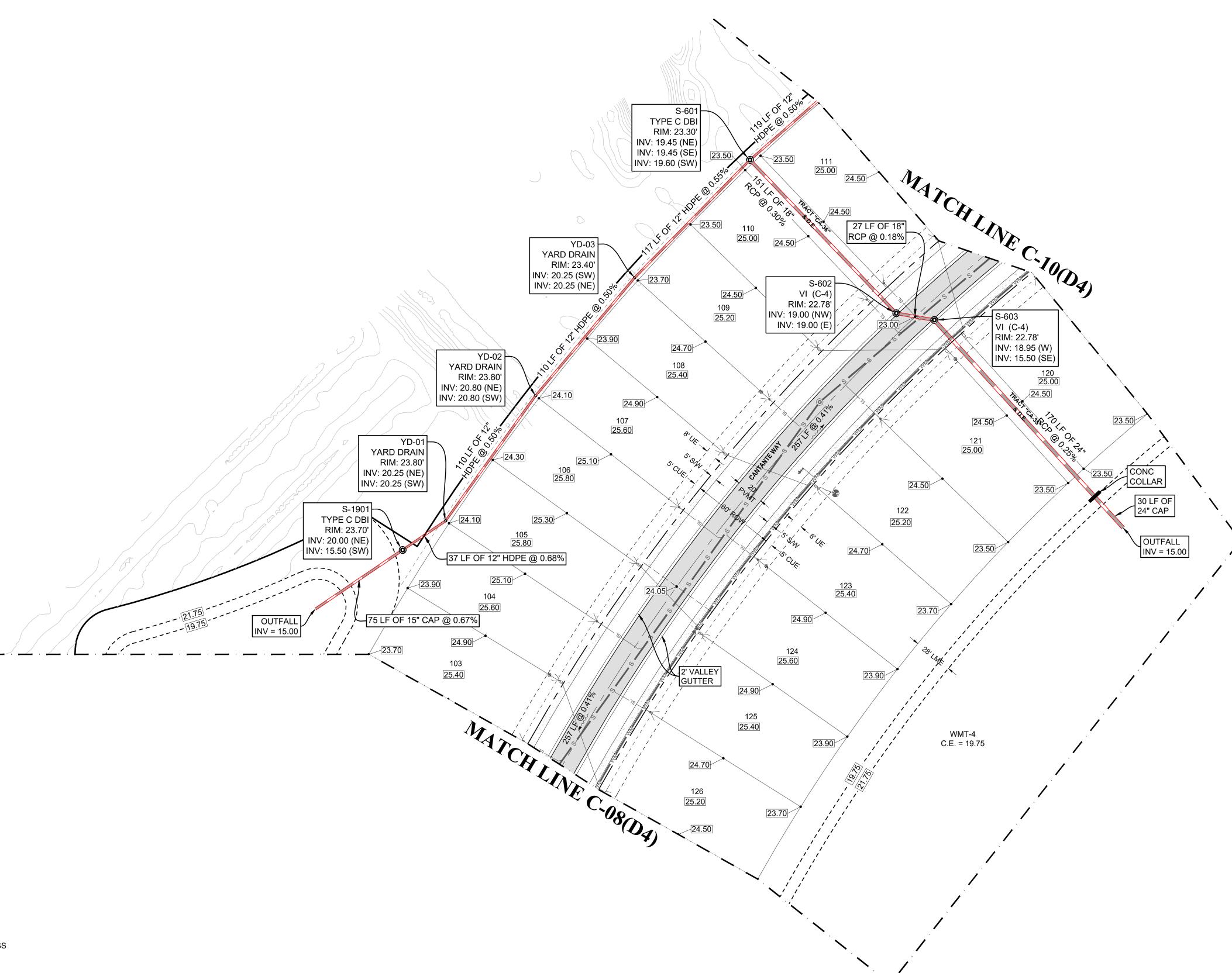
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 PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS.
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E N G I N E E R I N G G R O U P

TIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

SUITE 250

SUITE 250

SUITE 250

SUITE 250

SUITE 260

REVISIONS:
REV: DATE: COMMENT: BY:

1 5-3-24 REV PER PSLUSD MJL

2 5-6-24 REV PER PSLUSD MJL



PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 9-1-18
CAD I.D.: FJ160006-PGD-PLANS

PROJECT:

VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA



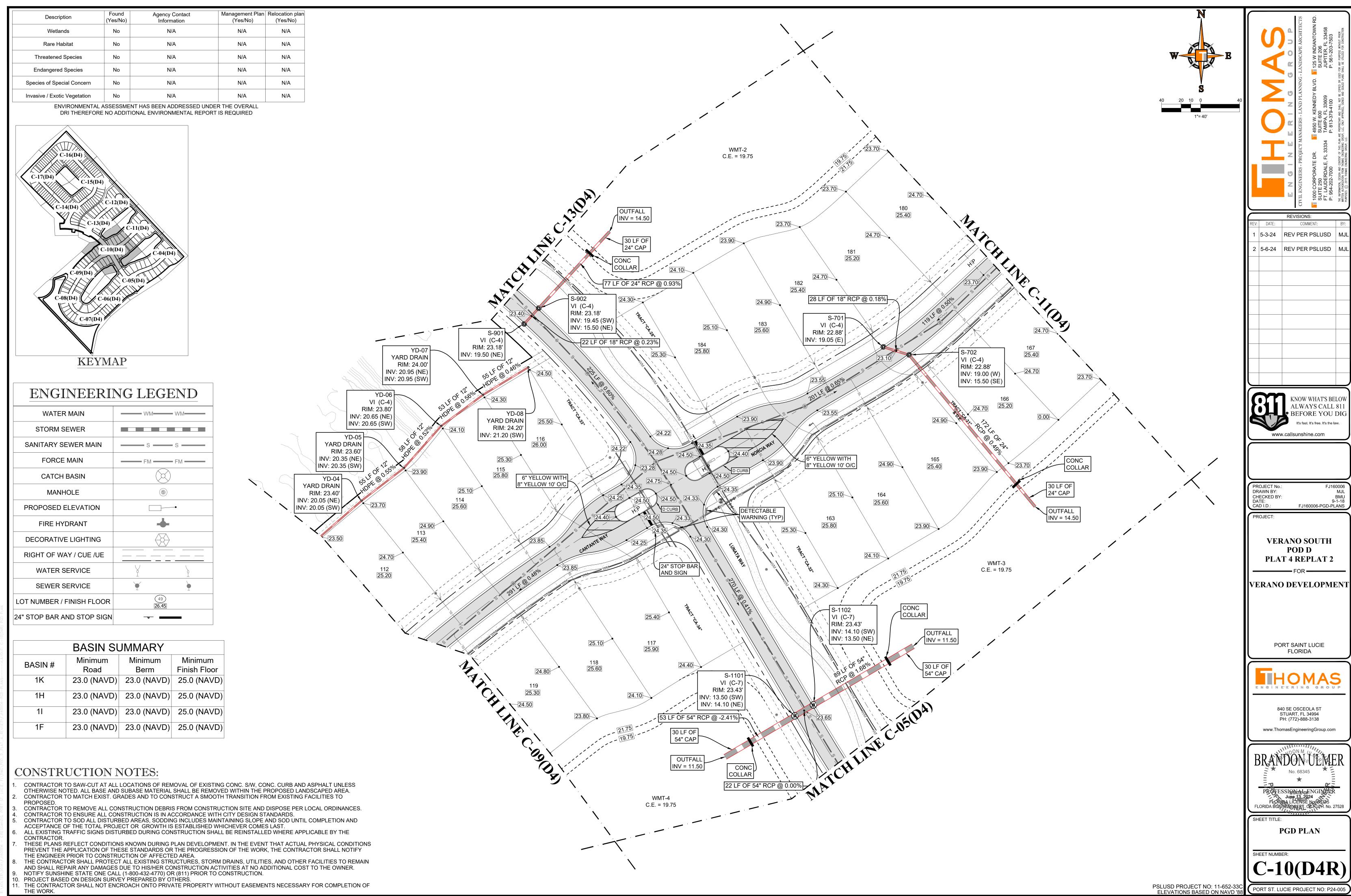
840 SE OSCEOLA ST STUART, FL 34994 PH: (772)-888-3138 www.ThomasEngineeringGroup.com



PGD PLAN

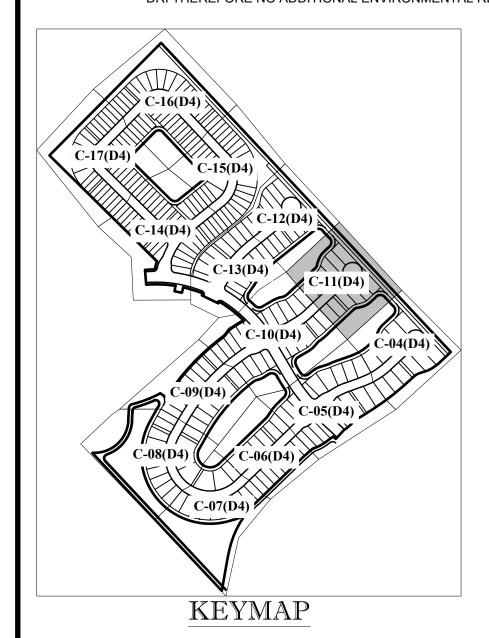
C-09(D4R)

PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005



Printed on Thursday, June 13, 2024, 2:15 PM by Michael Lepelletier

(Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)
No	N/A	N/A	N/A
No	N/A	N/A	N/A
No	N/A	N/A	N/A
No	N/A	N/A	N/A
No	N/A	N/A	N/A
No	N/A	N/A	N/A
	No No No No	No N/A No N/A No N/A No N/A No N/A	No N/A N/A No N/A N/A No N/A N/A No N/A N/A

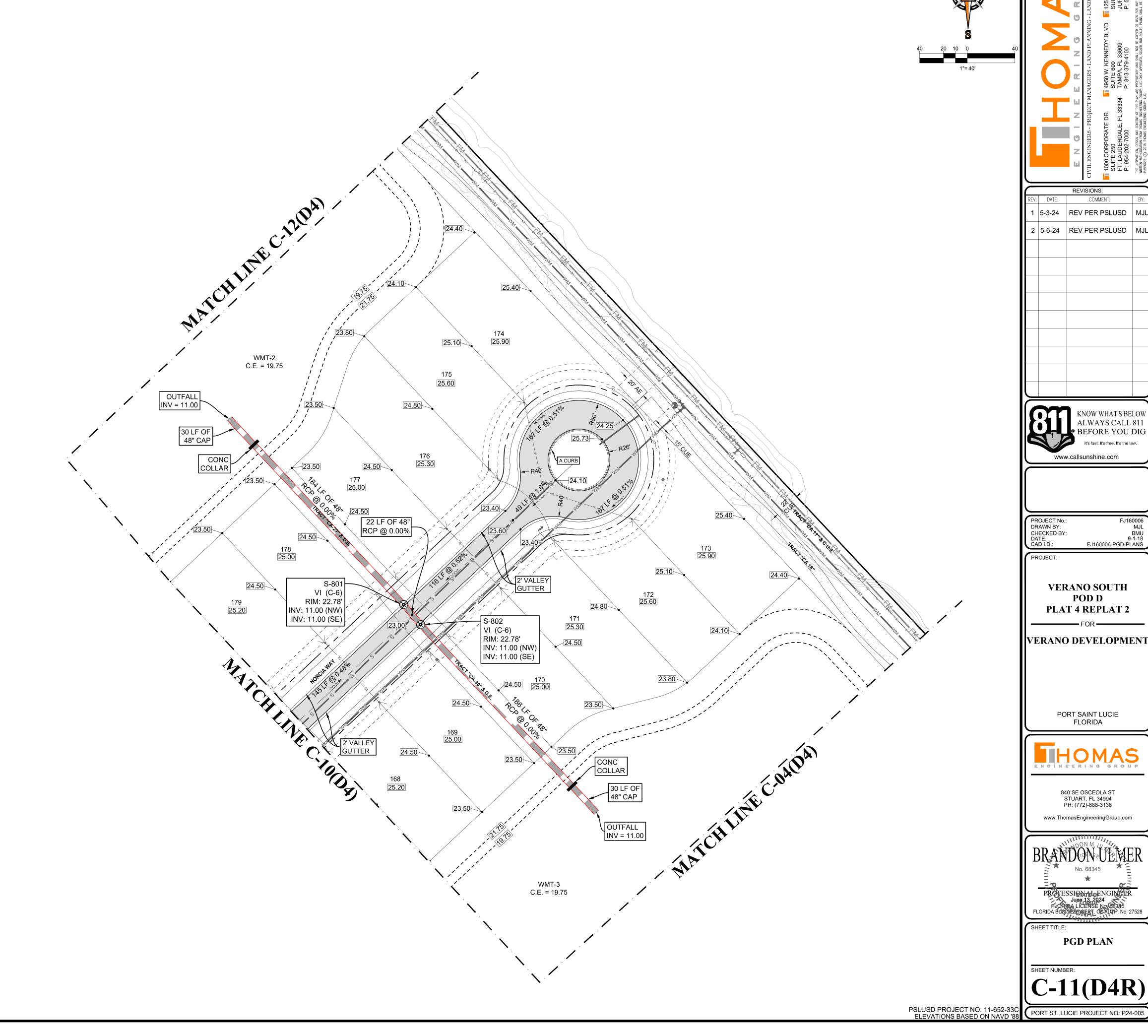


ENGINEERING LEGEND			
	NGLEGEND		
WATER MAIN			
STORM SEWER			
SANITARY SEWER MAIN	ss		
FORCE MAIN	—— FM —— FM ——		
CATCH BASIN			
MANHOLE	(S)		
PROPOSED ELEVATION			
FIRE HYDRANT	+		
DECORATIVE LIGHTING			
RIGHT OF WAY / CUE /UE			
WATER SERVICE	Y		
SEWER SERVICE	Ť		
LOT NUMBER / FINISH FLOOR	<u>49</u> <u>26.45</u>		
24" STOP BAR AND STOP SIGN			

BASIN SUMMARY				
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor	
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	

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5-3-24 REV PER PSLUSD

2 5-6-24 REV PER PSLUSD

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VERANO SOUTH

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PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

840 SE OSCEOLA ST

STUART, FL 34994 PH: (772)-888-3138 www. Thomas Engineering Group.com

PROFESSIONAL ENGINEER

June 13, 2024

FLORIDA LICENSE NO 68325

FLORIDA BUSINES GERT, CEAUTH, No. 27528

PGD PLAN

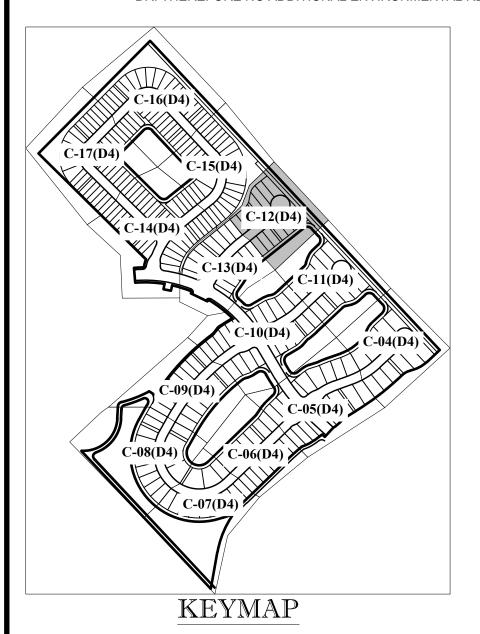
FJ160006-PGD-PLANS

PROJECT No. DRAWN BY:

CHECKED BY: DATE: CAD I.D.:

PROJECT:

Description	Found	Agency Contact	Management Plan		
Description	(Yes/No)	Information	(Yes/No)	(Yes/No)	
Wetlands	No	N/A	N/A	N/A	
Rare Habitat	No	N/A	N/A	N/A	
Threatened Species	No	N/A	N/A	N/A	
Endangered Species	No	N/A	N/A	N/A	
Species of Special Concern	No	N/A	N/A	N/A	
Invasive / Exotic Vegetation	No	N/A	N/A	N/A	
ENVIRONMENTAL ACCECCMENT HAS BEEN ADDRESSED UNDER THE OVERALL					

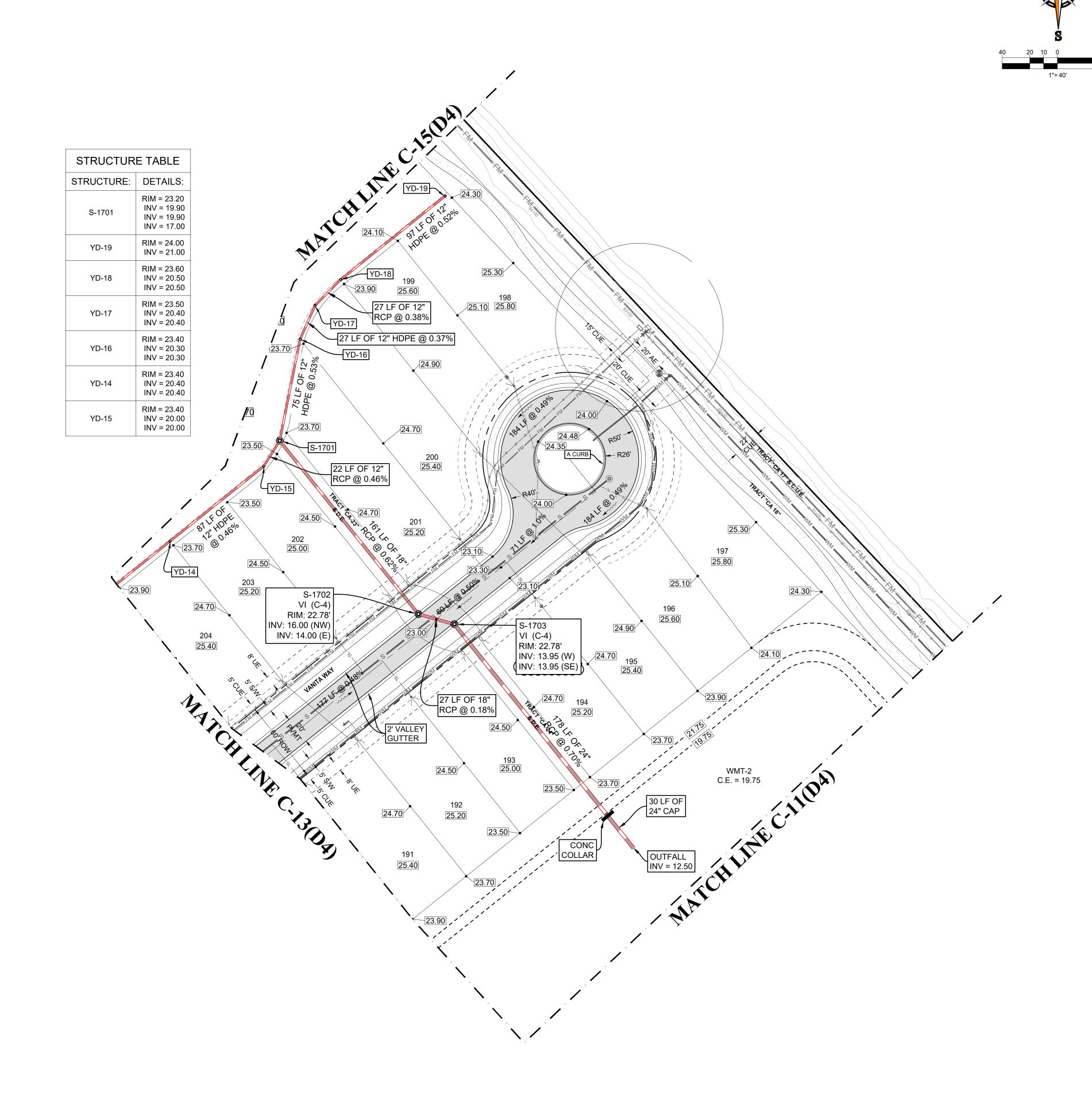


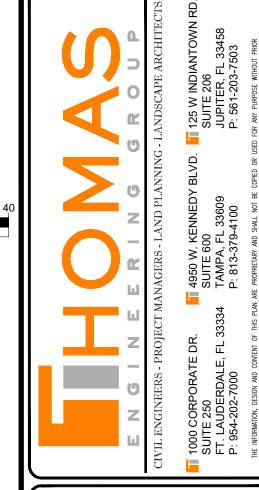
ENGINEERING LEGEND			
WATER MAIN			
STORM SEWER			
SANITARY SEWER MAIN	ss		
FORCE MAIN	—— FM —— FM ——		
CATCH BASIN			
MANHOLE			
PROPOSED ELEVATION			
FIRE HYDRANT	+		
DECORATIVE LIGHTING			
RIGHT OF WAY / CUE /UE			
WATER SERVICE	Y		
SEWER SERVICE	Ť		
LOT NUMBER / FINISH FLOOR	<u>49</u> 26.45		
24" STOP BAR AND STOP SIGN			

BASIN SUMMARY					
BASIN#	Minimum Minimum Minimum Road Berm Finish Floo				
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)		

CONSTRUCTION NOTES:

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- 10. PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS. 11. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.





REVISIONS:				
REV:	DATE:	COMMENT:	BY:	
1	5-3-24	REV PER PSLUSD	MJL	
2	5-6-24	REV PER PSLUSD	MJL	
\succ			\dashv	



PROJECT No. DRAWN BY: CHECKED BY: DATE: CAD I.D.: FJ160006-PGD-PLANS PROJECT: VERANO SOUTH

POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA



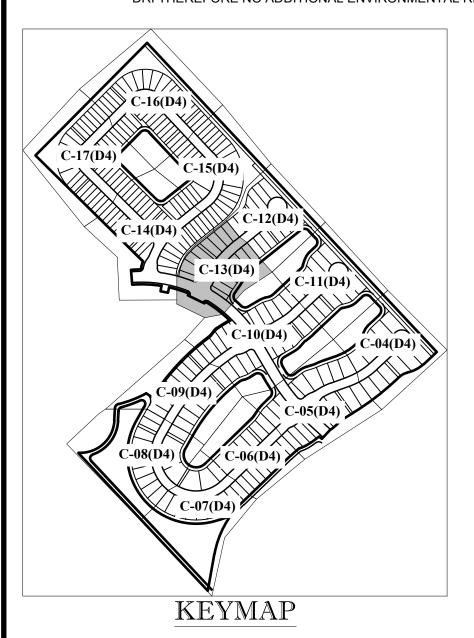




PGD PLAN

PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005

Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)	
Wetlands	No	N/A	N/A	N/A	
Rare Habitat	No	N/A	N/A	N/A	
Threatened Species	No	N/A	N/A	N/A	
Endangered Species	No	N/A	N/A	N/A	
Species of Special Concern	No	N/A	N/A	N/A	
Invasive / Exotic Vegetation	No	N/A	N/A	N/A	
ENVIRONMENTAL ACCECOMENT HAS BEEN ADDRESSED UNDER THE OVERALL					

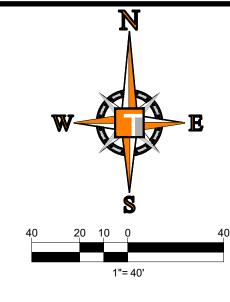


ENGINEERI	NG LEGEND
WATER MAIN	
STORM SEWER	
SANITARY SEWER MAIN	ss
FORCE MAIN	—— FM —— FM ——
CATCH BASIN	
MANHOLE	6
PROPOSED ELEVATION	
FIRE HYDRANT	+
DECORATIVE LIGHTING	
RIGHT OF WAY / CUE /UE	
WATER SERVICE	¥ }
SEWER SERVICE	Ť
LOT NUMBER / FINISH FLOOR	49) 26.45
24" STOP BAR AND STOP SIGN	-v-

BASIN SUMMARY				
BASIN#	Minimum Minimum Minimum Road Berm Finish Floo			
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)	

CONSTRUCTION NOTES:

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- 10. PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS. 11. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.





		REVISIONS:	
REV:	DATE:	COMMENT:	BY:
1	5-3-24	REV PER PSLUSD	MJL
2	5-6-24	REV PER PSLUSD	MJL



ROJECT No.: RAWN BY: HECKED BY: ATE: AD I.D.:	FJ160006 MJL BMU 9-1-18 FJ160006-PGD-PLANS	
ROJECT:		1

VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA



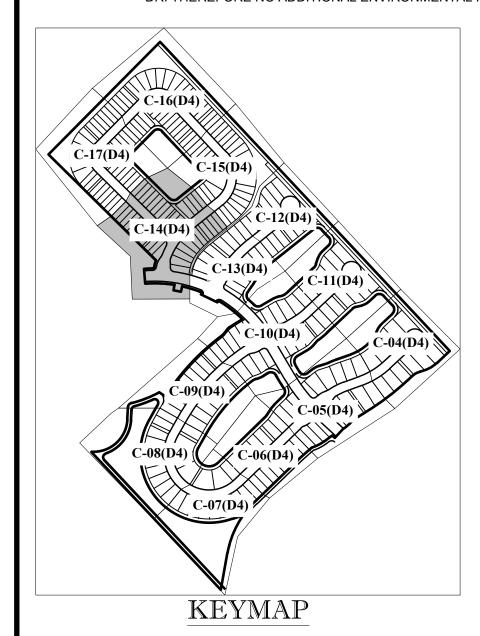
840 SE OSCEOLA ST STUART, FL 34994 PH: (772)-888-3138 www.ThomasEngineeringGroup.com



PGD PLAN

STRUCTUR	RE TABLE	
STRUCTURE:	DETAILS:	
S-1809	RIM = 23.20 INV = 15.50 INV = 19.70 INV = 19.90 INV = 15.50	
YD-09	RIM = 23.80 INV = 20.80	TOO LE OF O'SO'N
YD-10	RIM = 23.60 INV = 20.40 INV = 20.40	23.90 YD-13 205
YD-11	RIM = 23.40 INV = 20.10 INV = 20.10	25.60 HDPE 24.90
YD-13	RIM = 23.60 INV = 20.90 INV = 20.90	23.70 25.40 23.50
YD-12	RIM = 23.20 INV = 20.30 INV = 20.30	23.50 24.70 23.50 24.70 24.70 223.85 224.80 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90 224.90
PSLUSD VA S Castom	23.9 YD-09 24.10	25.10 Vi (C-5) RIM: 22.78 RIM: 22.78

Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plar (Yes/No)
Wetlands	No	N/A	N/A	N/A
Rare Habitat	No	N/A	N/A	N/A
Threatened Species	No	N/A	N/A	N/A
Endangered Species	No	N/A	N/A	N/A
Species of Special Concern	No	N/A	N/A	N/A
Invasive / Exotic Vegetation	No	N/A	N/A	N/A
ENVIDONMENTAL	ACCECCMEN	IT HAS BEEN ADDDESSED LINDE		



ENGINEERING LEGEND				
WATER MAIN				
STORM SEWER				
SANITARY SEWER MAIN	ss			
FORCE MAIN	—— FM ——— FM ———			
CATCH BASIN				
MANHOLE	(S)			
PROPOSED ELEVATION				
FIRE HYDRANT	+			
DECORATIVE LIGHTING				
RIGHT OF WAY / CUE /UE				
WATER SERVICE	Y			
SEWER SERVICE	Ť			
LOT NUMBER / FINISH FLOOR	(49) [26.45]			
24" STOP BAR AND STOP SIGN	-v-			

BASIN SUMMARY							
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor				
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)				
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)				
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)				
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)				

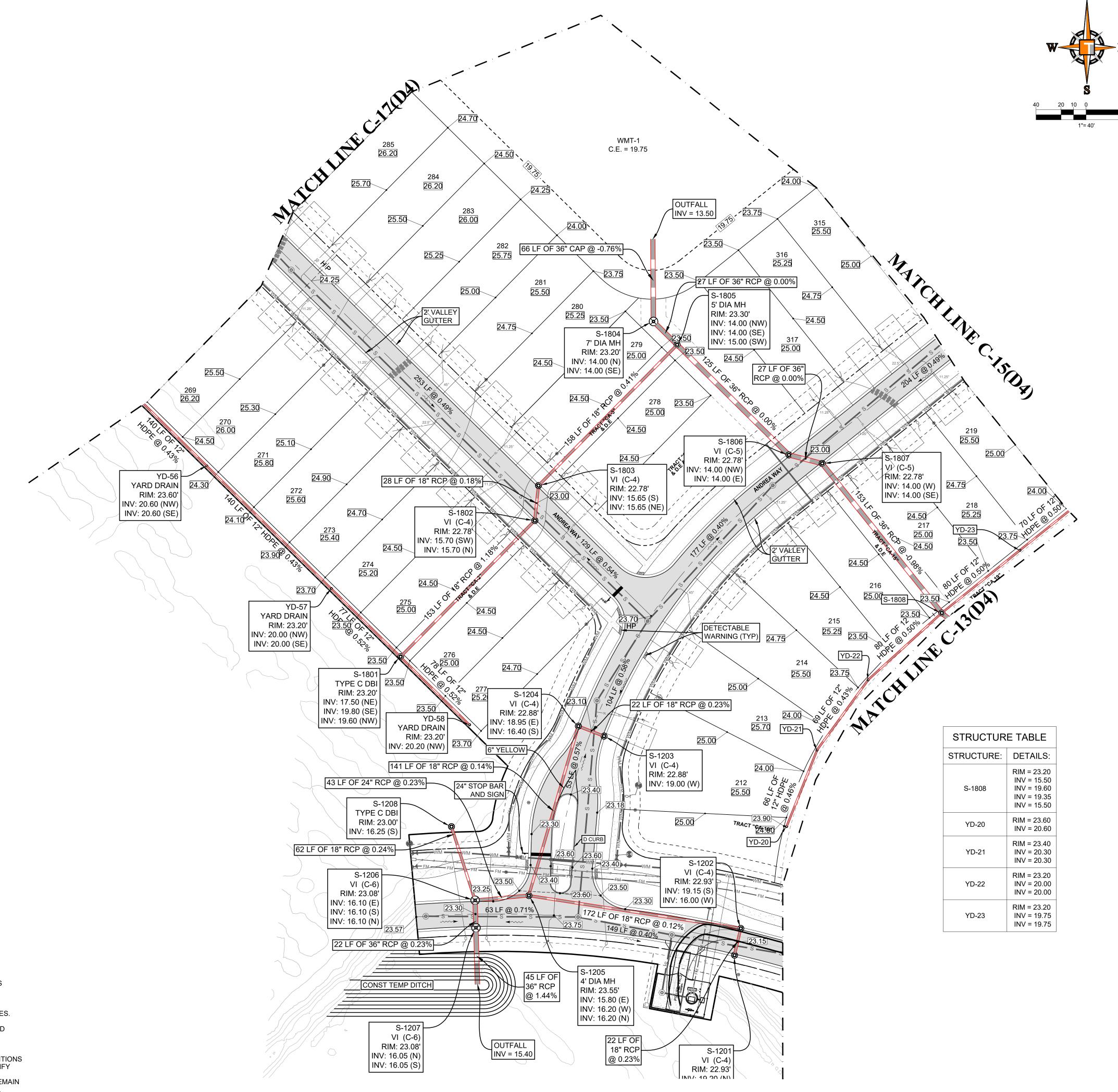
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5-3-24 REV PER PSLUSD

2 5-6-24 REV PER PSLUSD

www.callsunshine.com

VERANO SOUTH

POD D

PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA

840 SE OSCEOLA ST

STUART, FL 34994 PH: (772)-888-3138

www. Thomas Engineering Group.com

PROFESSIONAL ENGINEER

JURE 13, 2024

FLORIDA LICENSE NO 68325

FLORIDA BUSINES GERT. C. AUTH. No. 27528

PGD PLAN

PORT ST. LUCIE PROJECT NO: P24-005

PSLUSD PROJECT NO: 11-652-33C ELEVATIONS BASED ON NAVD '88 FJ160006-PGD-PLANS

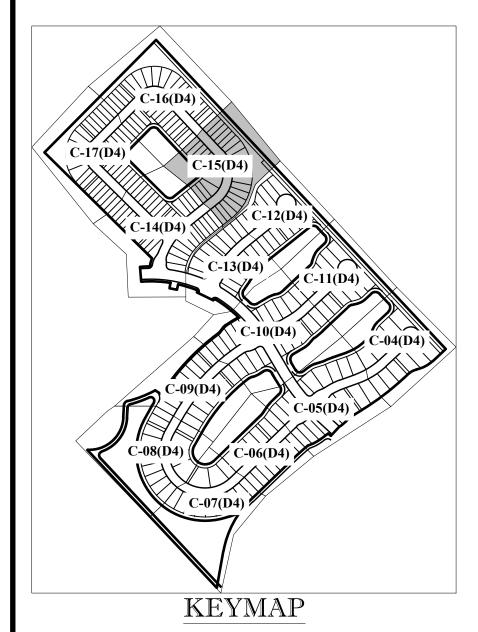
PROJECT No

DRAWN BY: CHECKED BY: DATE: CAD I.D.:

PROJECT:

Printed on Thursday, June 13, 2024, 2:16 PM by Michael Lepelletier
R:\rolTER\2016\FJ160006 - CRESSWINDS, PORT ST. LUCE, FLYDWG\POD_DP

Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)
Wetlands	No	N/A	N/A	N/A
Rare Habitat	No	N/A	N/A	N/A
Threatened Species	No	N/A	N/A	N/A
Endangered Species	No	N/A	N/A	N/A
Species of Special Concern	No	N/A	N/A	N/A
Invasive / Exotic Vegetation	No	N/A	N/A	N/A
Invasive / Exotic Vegetation	No	****	N/A	



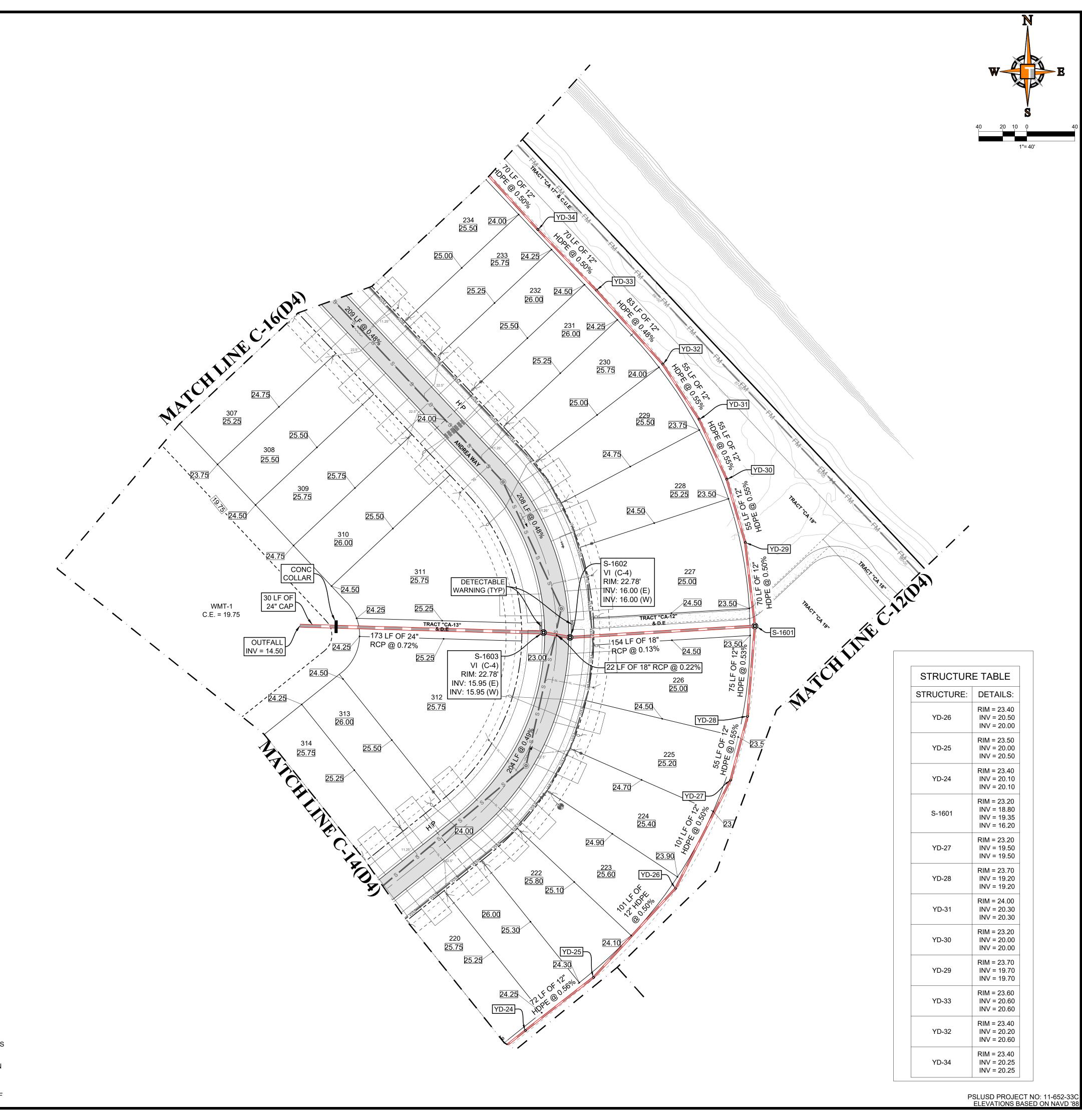
ENGINEERI	NG LEGEND	
WATER MAIN		
STORM SEWER		
SANITARY SEWER MAIN	ss	
FORCE MAIN	—— FM —— FM ——	
CATCH BASIN		
MANHOLE		
PROPOSED ELEVATION		
FIRE HYDRANT	+	
DECORATIVE LIGHTING		
RIGHT OF WAY / CUE /UE		
WATER SERVICE	¥ }	
SEWER SERVICE	Ť	
LOT NUMBER / FINISH FLOOR	49) 26.45	
24" STOP BAR AND STOP SIGN	-v-	

BASIN SUMMARY							
	BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor			
	1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)			
	1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)			
	11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)			
	1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)			

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5-3-24 REV PER PSLUSD MJL

2 5-6-24 REV PER PSLUSD

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VERANO SOUTH

POD D

PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA

840 SE OSCEOLA ST

STUART, FL 34994

PH: (772)-888-3138

www.ThomasEngineeringGroup.com

PROFESSIONAL ENGINEER

June 13, 2024

FLORIDA LICENSE NO 68345

FLORIDA BUSINES GERT. CEALVH. No. 27528

PGD PLAN

PORT ST. LUCIE PROJECT NO: P24-005

FJ160006-PGD-PLANS

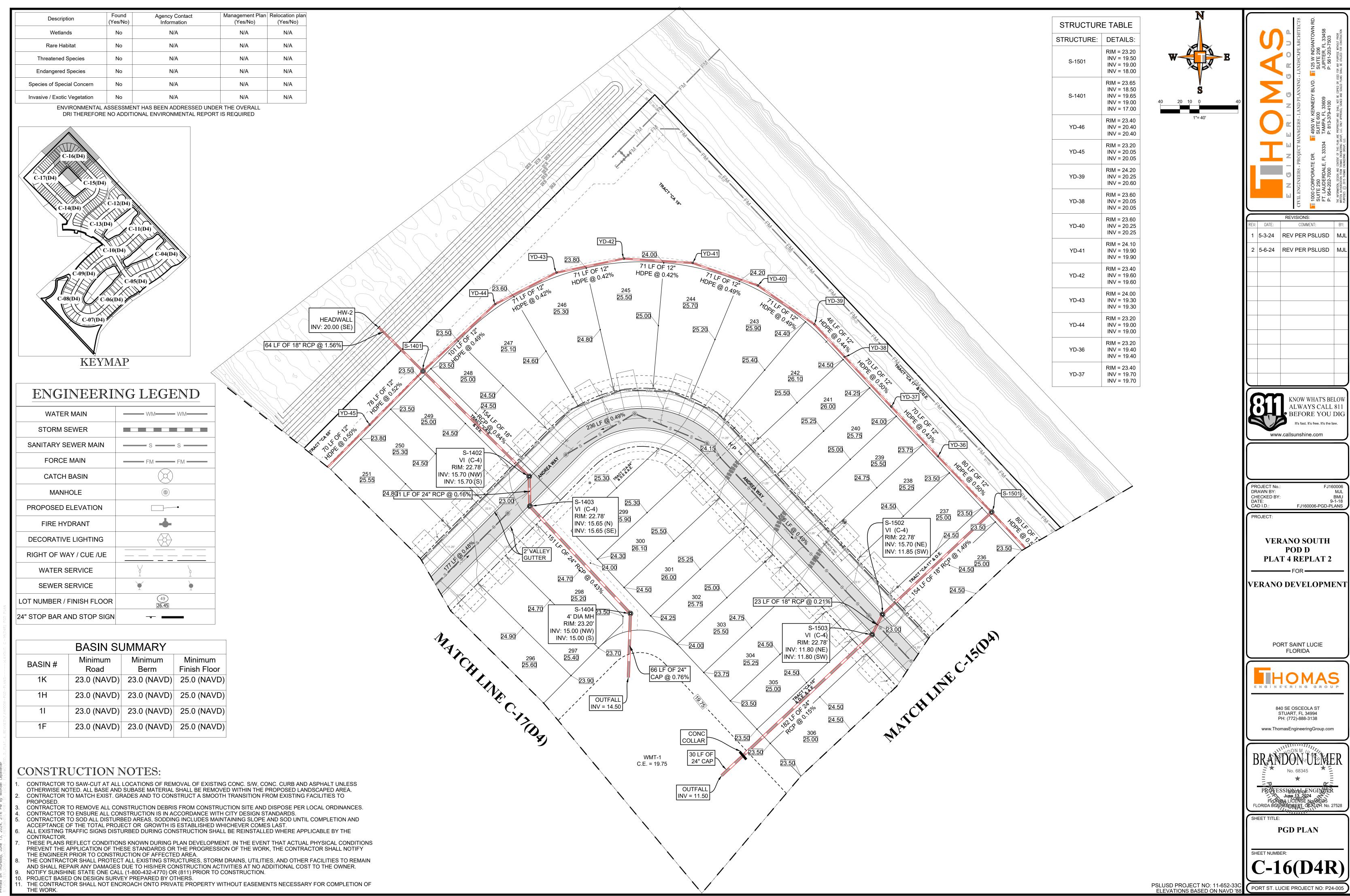
PROJECT No.

DRAWN BY:

CHECKED BY: DATE: CAD I.D.:

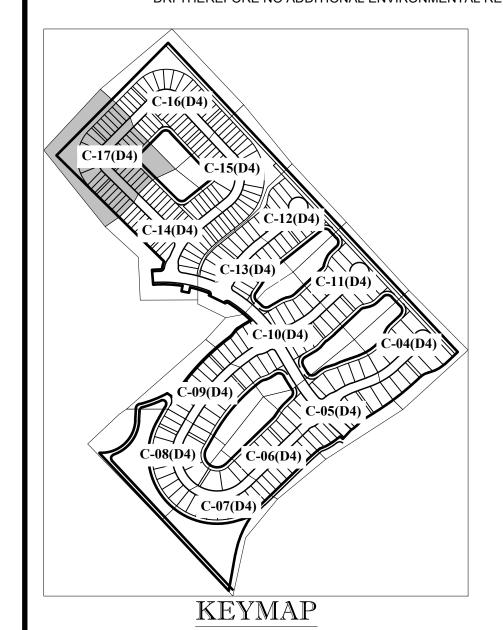
PROJECT:

R:\KOLTER\2016\FJ160006 — CRESSWINDS, PORT ST. LUCIE, FL\DWG\POD_D_PLAT_4.



Printed on Thursday, June 13, 2024, 2:16 PM by Michael Lepelletier

Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation plan (Yes/No)
Wetlands	No	N/A	N/A	N/A
Rare Habitat	No	N/A	N/A	N/A
Threatened Species	No	N/A	N/A	N/A
Endangered Species	No	N/A	N/A	N/A
Species of Special Concern	No	N/A	N/A	N/A
Invasive / Exotic Vegetation	No	N/A	N/A	N/A



ENGINEERING LEGEND						
WATER MAIN						
STORM SEWER						
SANITARY SEWER MAIN	ss					
FORCE MAIN	—— FM —— FM ——					
CATCH BASIN						
MANHOLE						
PROPOSED ELEVATION						
FIRE HYDRANT	+					
DECORATIVE LIGHTING						
RIGHT OF WAY / CUE /UE						
WATER SERVICE	Y					
SEWER SERVICE	Ť Ť					
LOT NUMBER / FINISH FLOOR	<u>49</u> 26.45					
24" STOP BAR AND STOP SIGN						

BASIN SUMMARY							
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor				
1K	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)				
1H	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)				
11	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)				
1F	23.0 (NAVD)	23.0 (NAVD)	25.0 (NAVD)				

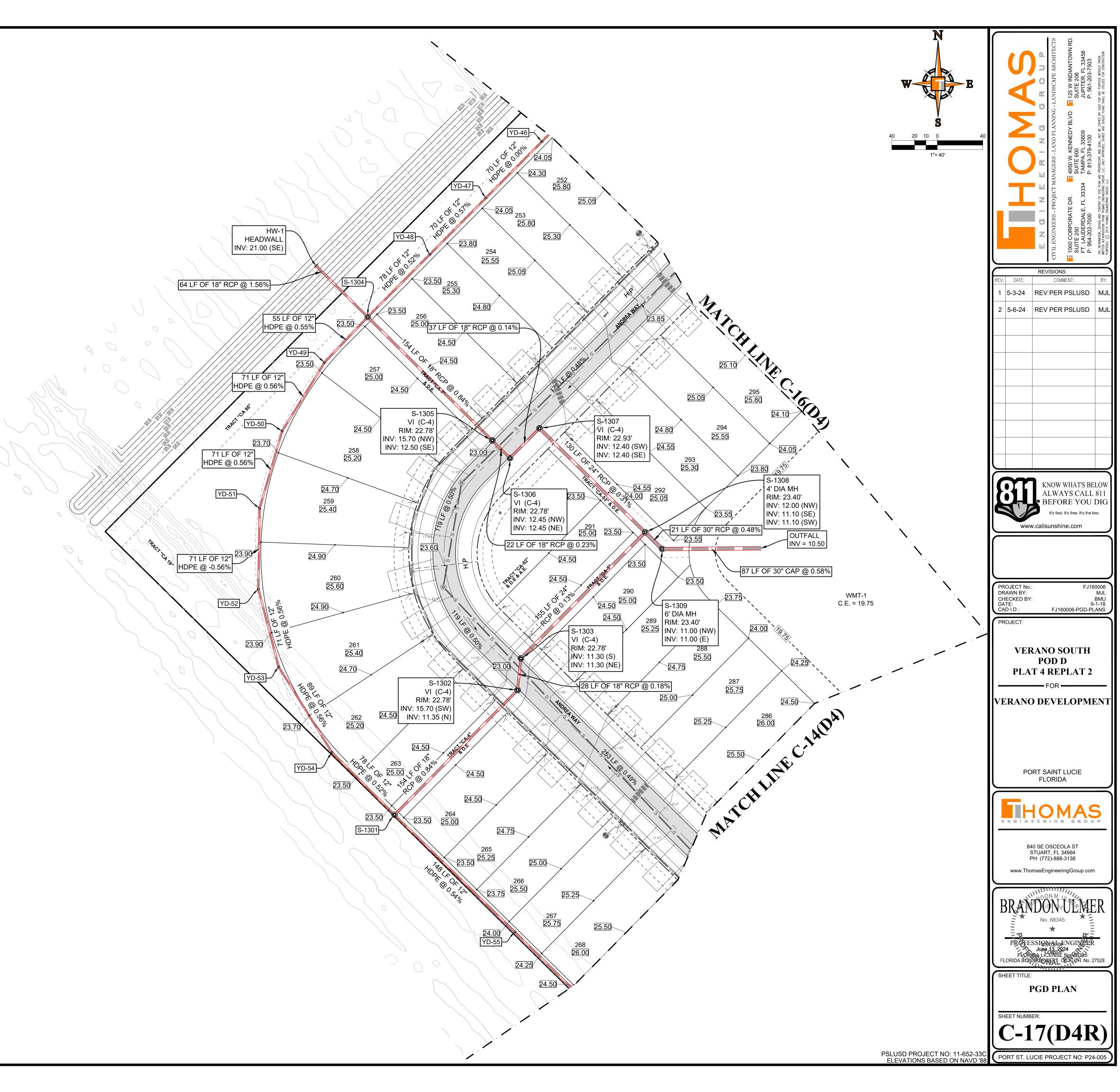
STRUCTURE TABLE					
STRUCTURE:	DETAILS:				
S-1301	RIM = 23.20 INV = 19.20 INV = 19.20 INV = 17.00				
S-1304	RIM = 23.80 INV = 19.60 INV = 19.80 INV = 20.00 INV = 17.00				
YD-48	RIM = 23.20 INV = 20.00 INV = 20.00				
YD-52	RIM = 23.40 INV = 20.50 INV = 20.50				
YD-51	RIM = 23.90 INV = 20.90 INV = 20.90				
YD-50	RIM = 23.20 INV = 20.50 INV = 20.50				
YD-49	RIM = 23.70 INV = 20.10 INV = 20.10				
YD-53	RIM = 23.90 INV = 20.10 INV = 20.10				
YD-54	RIM = 23.20 INV = 19.60 INV = 19.60				
YD-55	RIM = 23.40 INV = 20.00 INV = 20.00				
YD-47	RIM = 23.40 INV = 20.40				

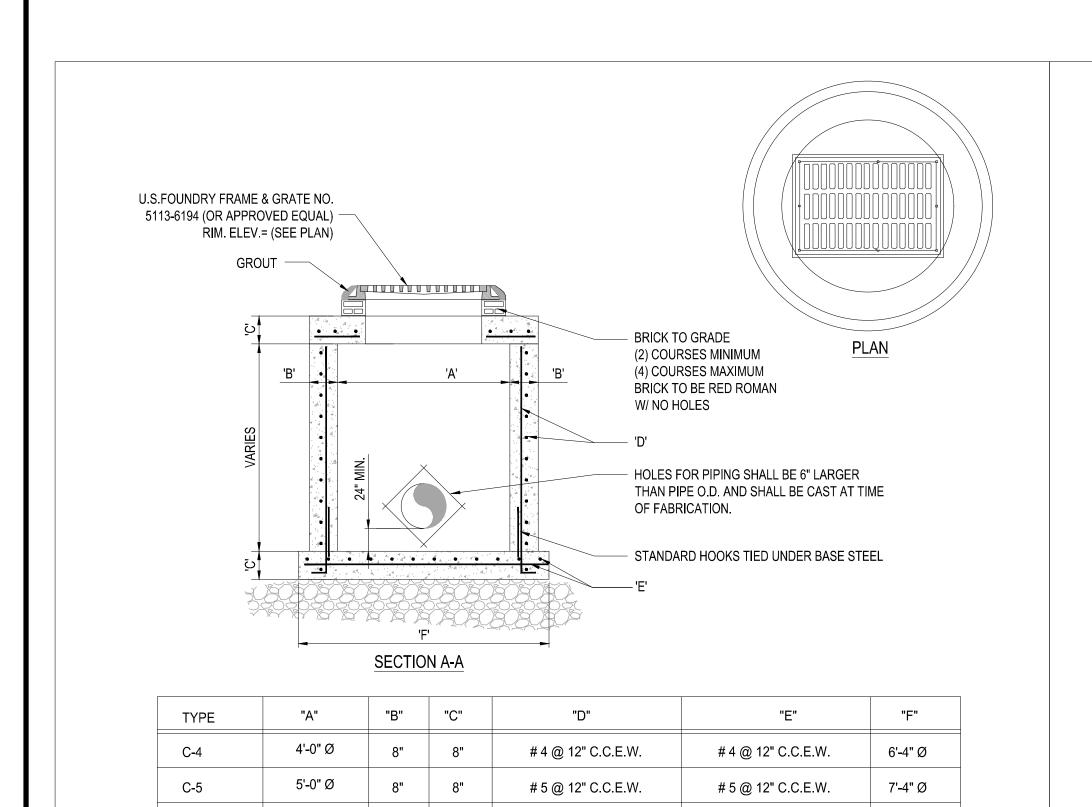
INV = 20.40

THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA.

CONSTRUCTION NOTES:

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- 10. PROJECT BASED ON DESIGN SURVEY PREPARED BÝ OTHERŚ. 11. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.





5 @ 12" C.C.E.W.

5 @ 12" C.C.E.W.

2- W.W.M. w/ # 4 @ 12" C.C. VERT

5 @ 6" C.C.E.W.

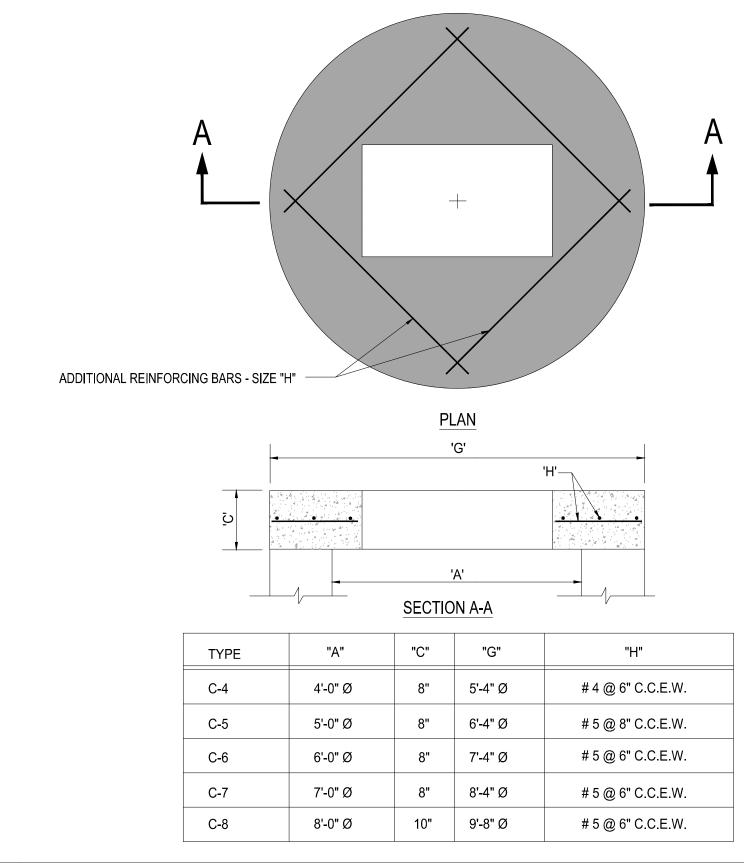
5 @ 6" C.C.E.W.

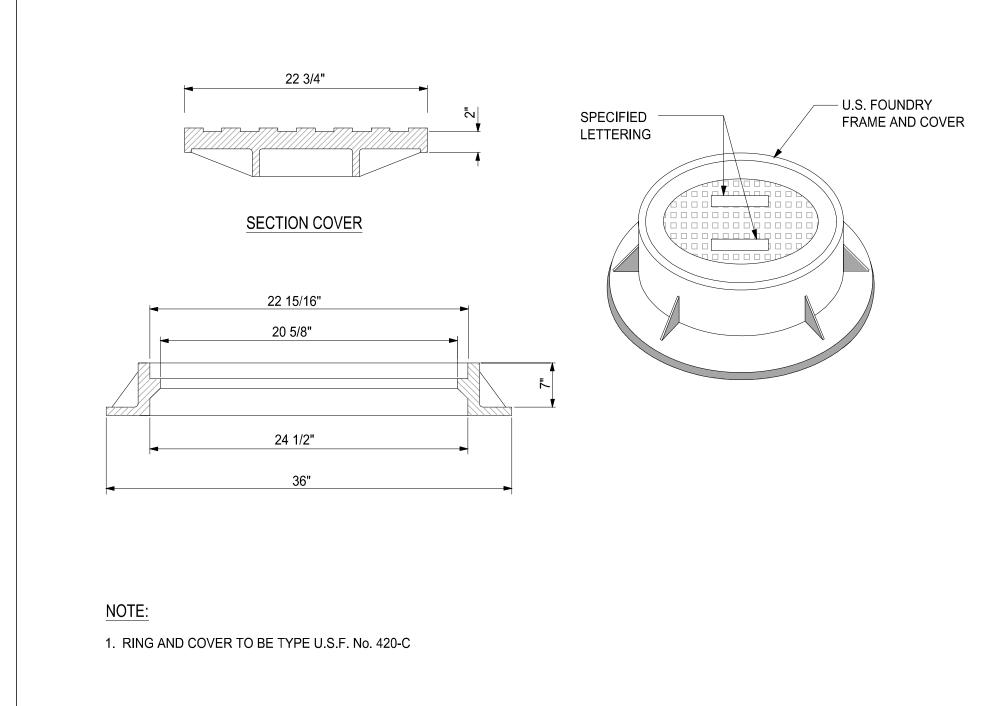
5 @ 6" C.C.E.W.

8'-4" Ø

9'-4" Ø

10'-8" Ø





PRECAST CIRCULAR VALLEY INLET

10"

10"

6'-0" Ø

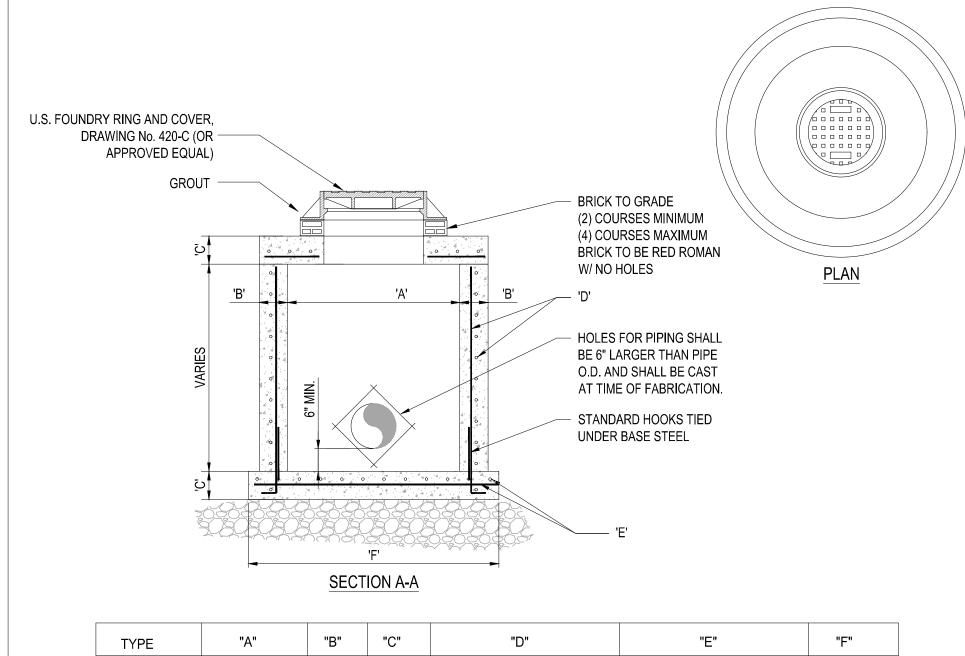
7'-0" Ø

8'-0" Ø

C-8

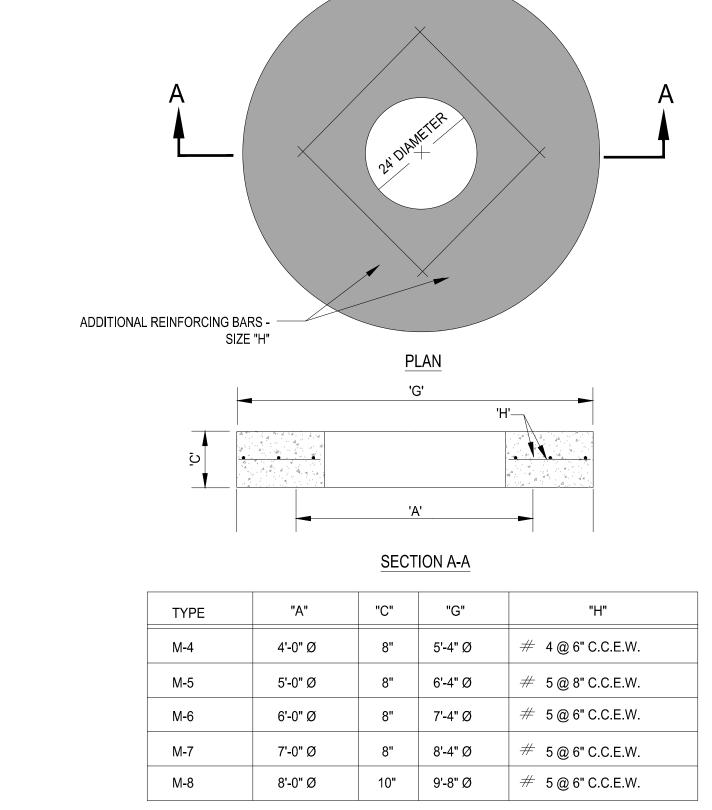
PRECAST CONCRETE-TOP SLAB SCALE: NONE

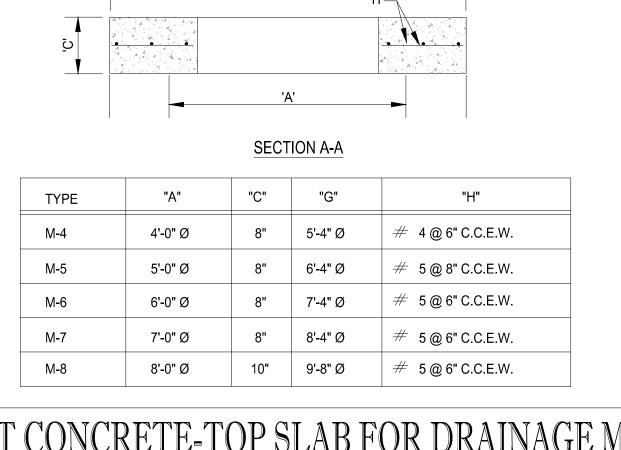
MANHOLE FRAME DETAIL



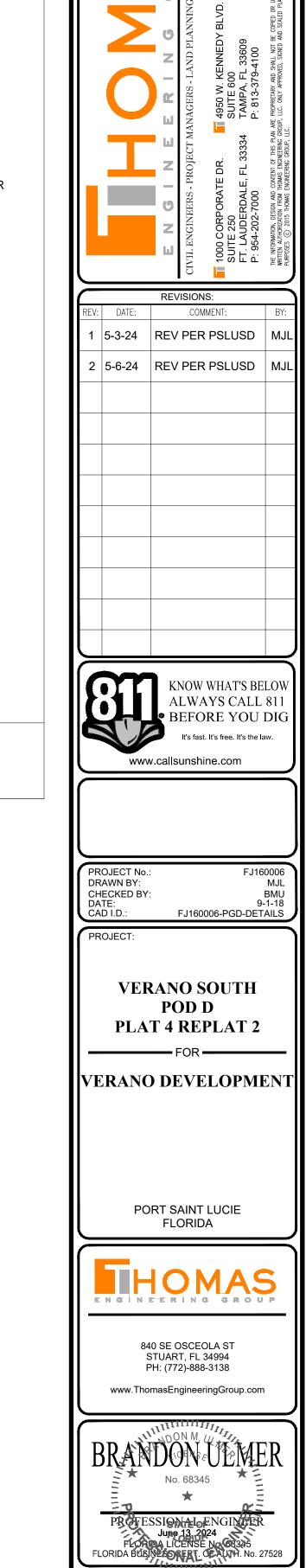
TYPE	"A"	"B"	"C"	"D"	"E"	"F"
M-4	4'-0" Ø	8"	8"	# 4 @ 12" C.C.E.W.	# 4 @ 12" C.C.E.W.	6'-4" Ø
M-5	5'-0" Ø	8"	8"	# 5 @ 12" C.C.E.W.	# 5 @ 12" C.C.E.W.	7'-4" Ø
M-6	6'-0" Ø	8"	8"	# 5 @ 12" C.C.E.W.	# 5@6" C.C.E.W.	8'-4" Ø
M-7	7'-0" Ø	8"	8"	# 5 @ 12" C.C.E.W.	# 5 @ 6" C.C.E.W.	9'-4" Ø
M-8	8'-0" Ø	10"	10"	2- W.W.M. w/ 4 # @ 12" C.C. VERT	# 5@6" C.C.E.W.	10'-8" Ø

PRECAST CIRCULAR DRAINAGE MANHOLE SCALE: NONE

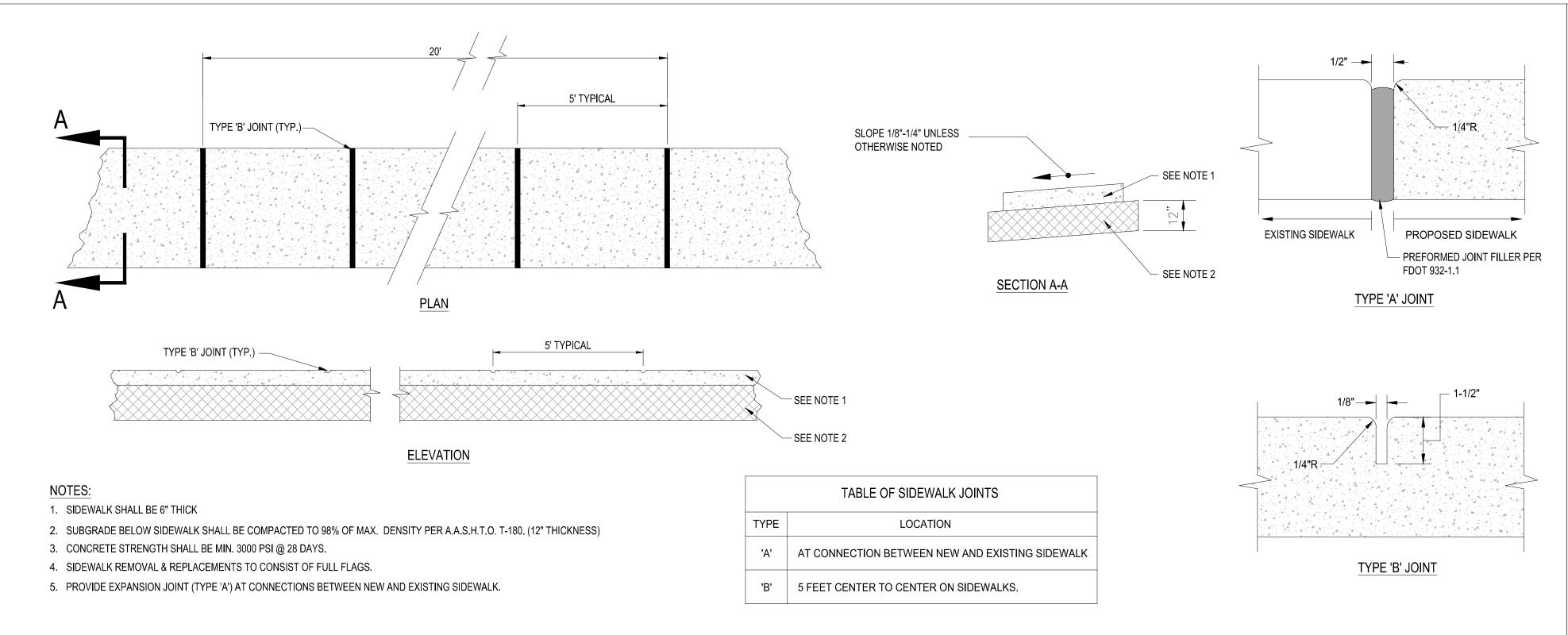


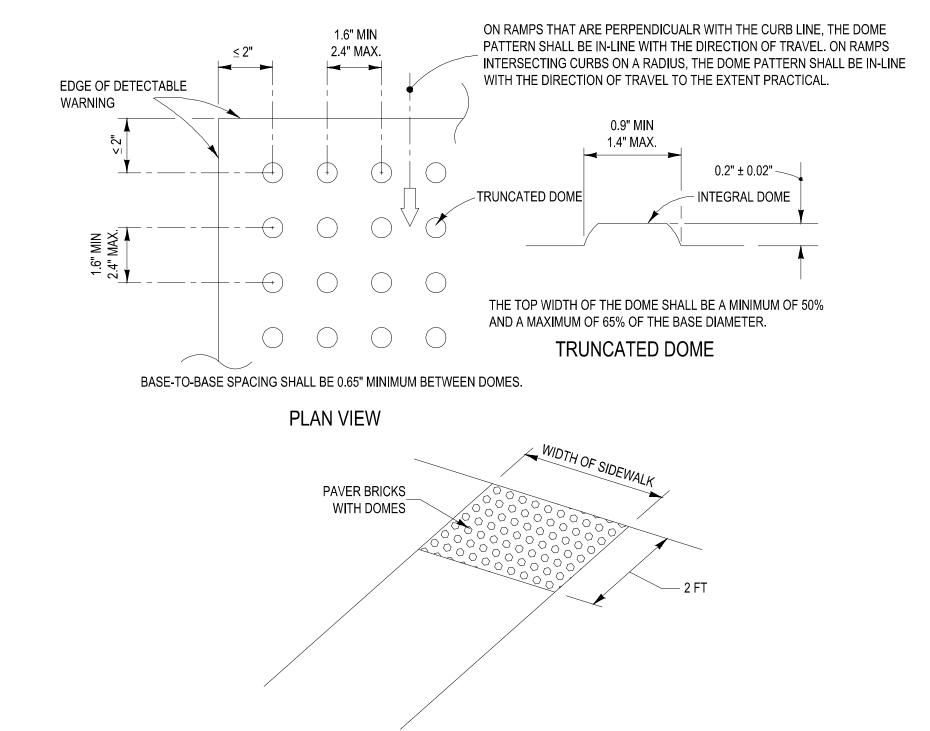


PRECAST CONCRETE-TOP SLAB FOR DRAINAGE MANHOLES SCALE: NONE



PGD DETAILS



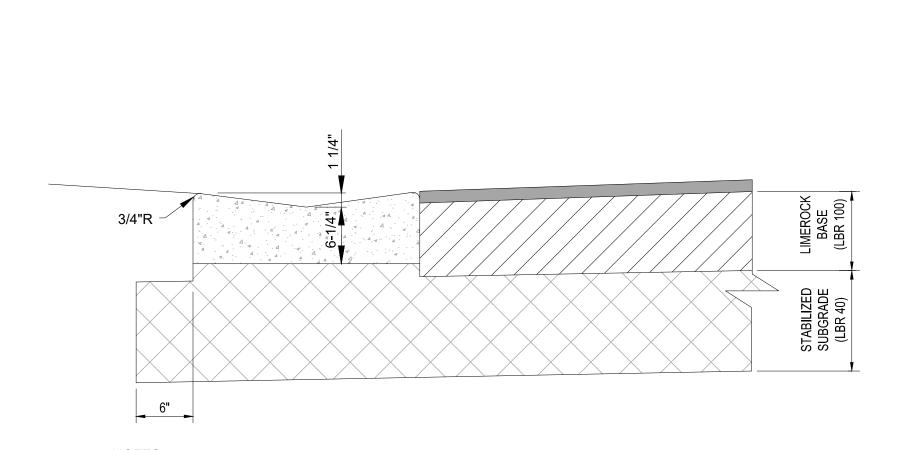


-ALL CURB RAMPS INCLUDING DETECTABLE WARNING SHALL BE CONSTRUCTED PER FDOT INDEX 304 LATEST EDITION -ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES (610 mm) FROM THE BACK OF CURB.

SIDEWALK DETAILS

SCALE: NONE

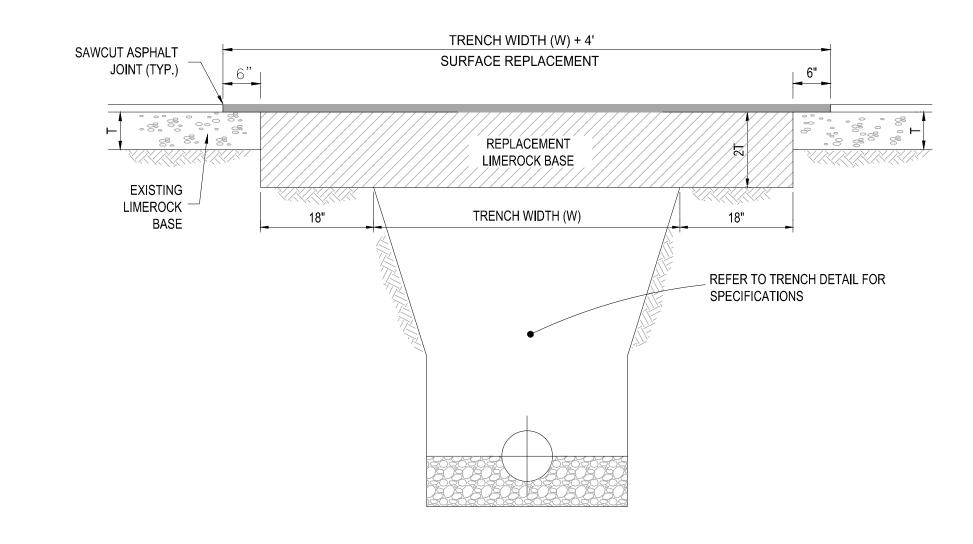
SCALE: NONE



NOTES
1. REFER TO FDOT INDEX 300 FOR NOTES AND DETAILS

VALLEY GUTTER DETAIL

2. LIMEROCK BASE SHALL BE COMPACTED TO A 98% MAX. DENSITY PER A.A.S.H.T.O. (T-180)

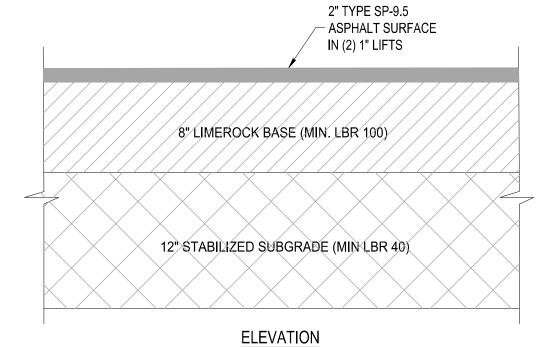


NOTES:

- REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 8", MAXIMUM 18".
 BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180.
- 3. SUBGRADE MATERIAL SHALL BE GRANULAR AND ANGULAR AND SHALL HAVE A MINIMUM LBR OF 40.
- ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED PARALLEL TO OR PERPENDICULAR TO THE ROADWAY.
 SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED.
- 6. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE SURROUNDING SURFACE (MINIMUM 1" THICKNESS).
- 7. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 AND A MINIMUM CARBONATE CONTENT OF 70% (60% FOR LOCAL STREETS).
- 8. IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.

2 DETECTABLE WARNING DETAIL SCALE: NONE

	713phati L	vement Area	
Pavement	2" x <u>0.44</u> 1"	0.88	
Base	8" x <u>0.18</u> 1"	1.44	
Subgrade	12" x <u>0.08</u> 1"	0.96	
		3.28	3.28 > 2.5



9 ASPHALT PAVEMENT DETAIL
SCALE: NONE

PAVEMENT RESTORATION DETAIL

SCALE: NONE

E N G I N E E R I N G R O U P

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECT

TI 1000 CORPORATE DR. TI 4950 W. KENNEDY BLVD. TI 25 W INDIANTOWN R

SUITE 250
FT. LAUDERDALE, FL 33334 TAMPA, FL 33609
P: 954-202-7000
P: 813-379-4100
P: 561-203-7503

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5-3-24	REV PER PSLUSD	MJL
5-6-24	REV PER PSLUSD	MJL
	5-3-24	5-3-24 REV PER PSLUSD



PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 9-1-18
CAD I.D.: FJ160006-PGD-DETAILS

VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



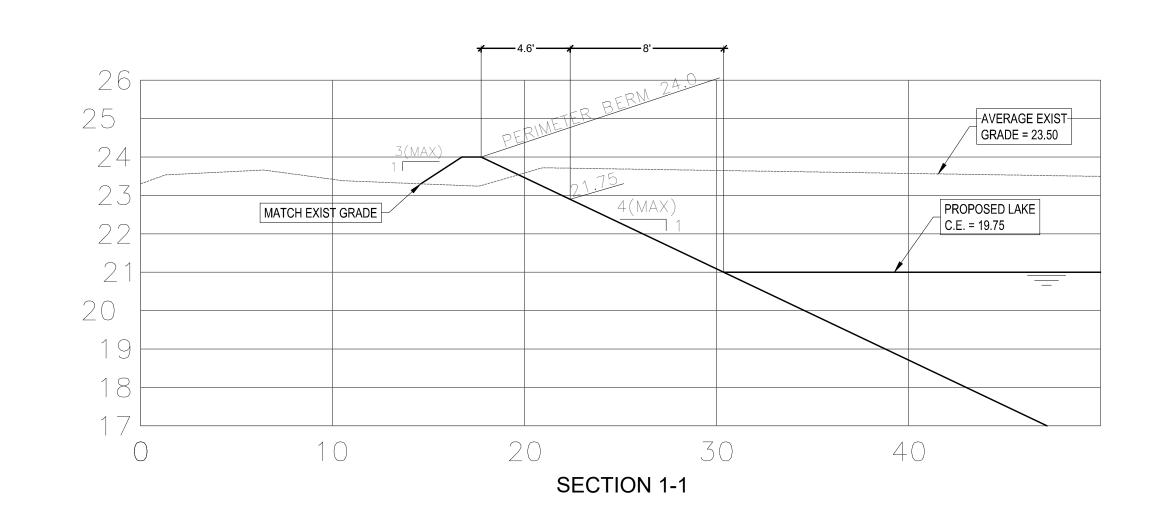
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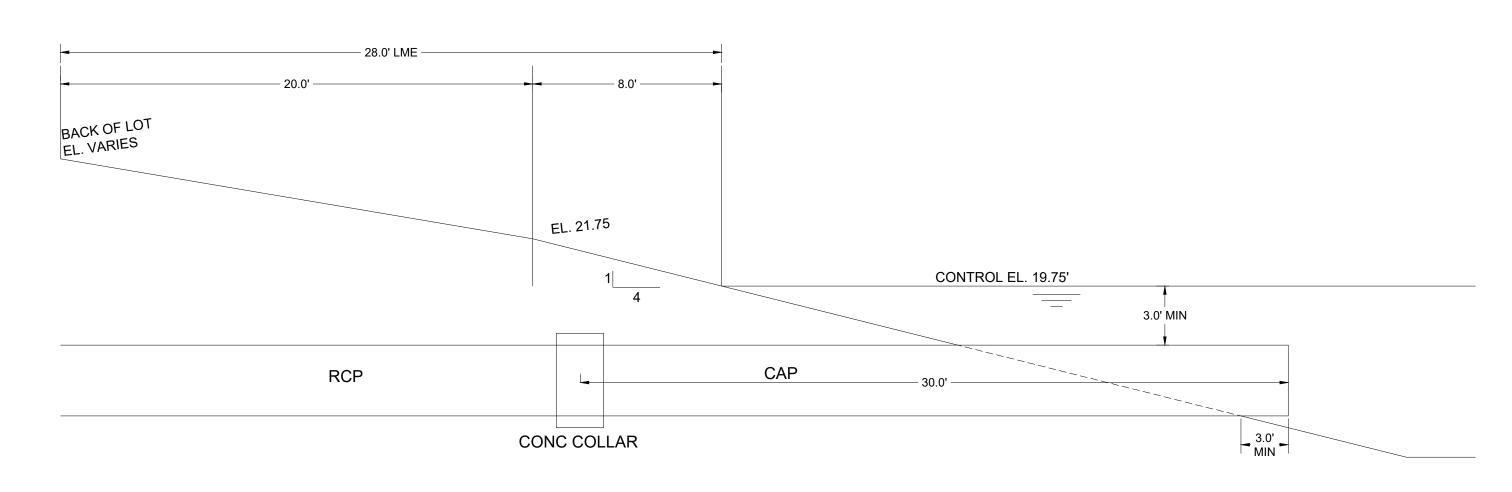


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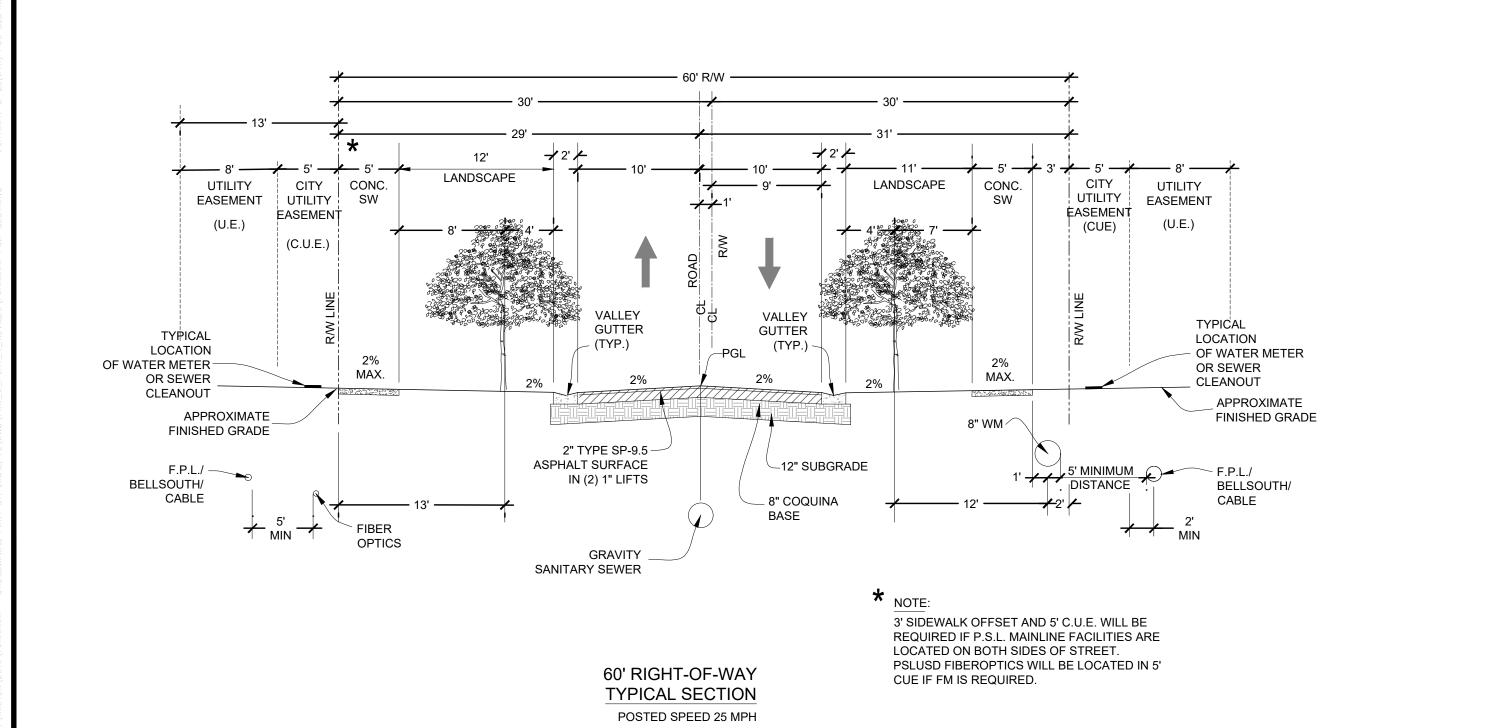
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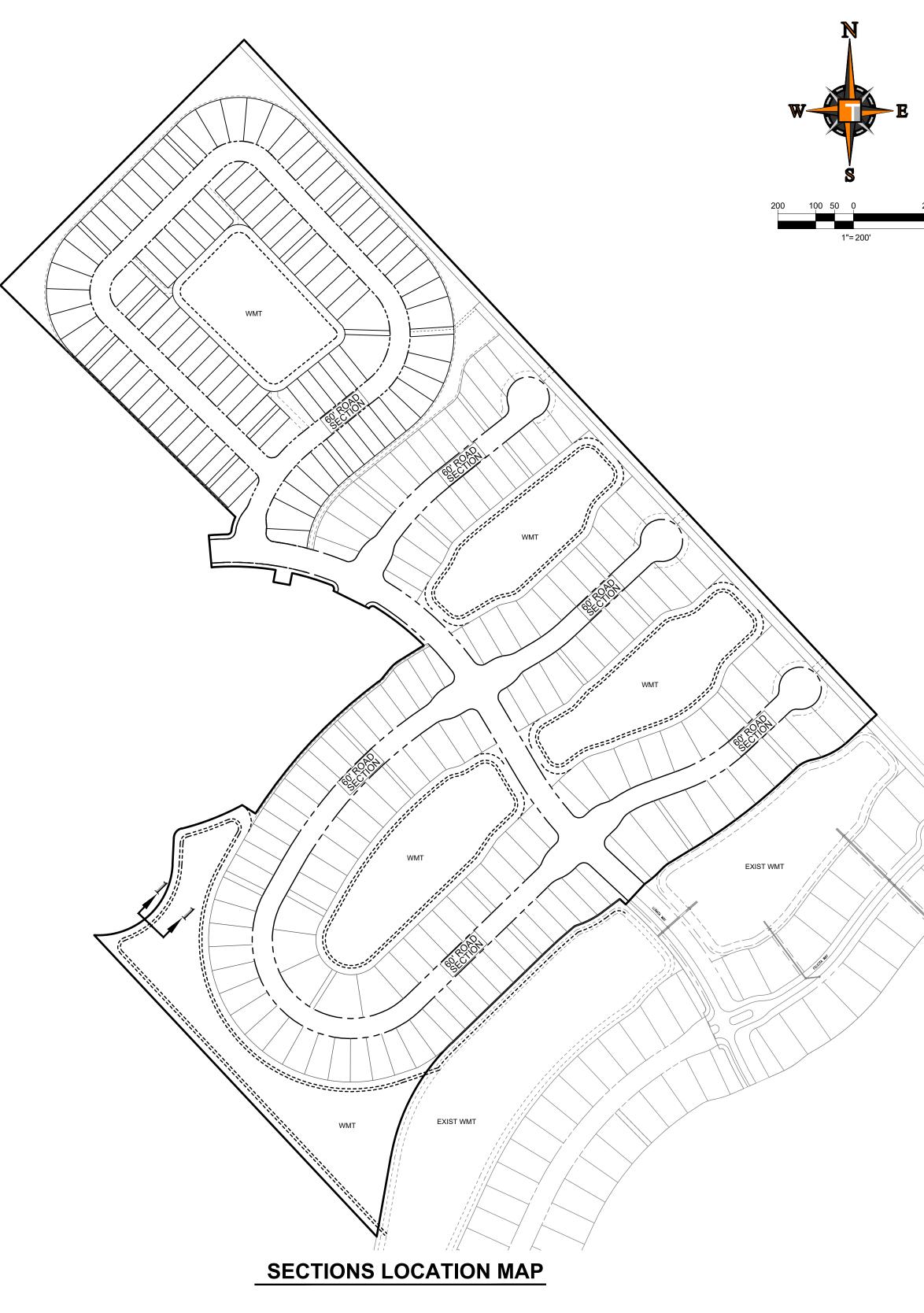
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TYPICAL LAKE SECTION



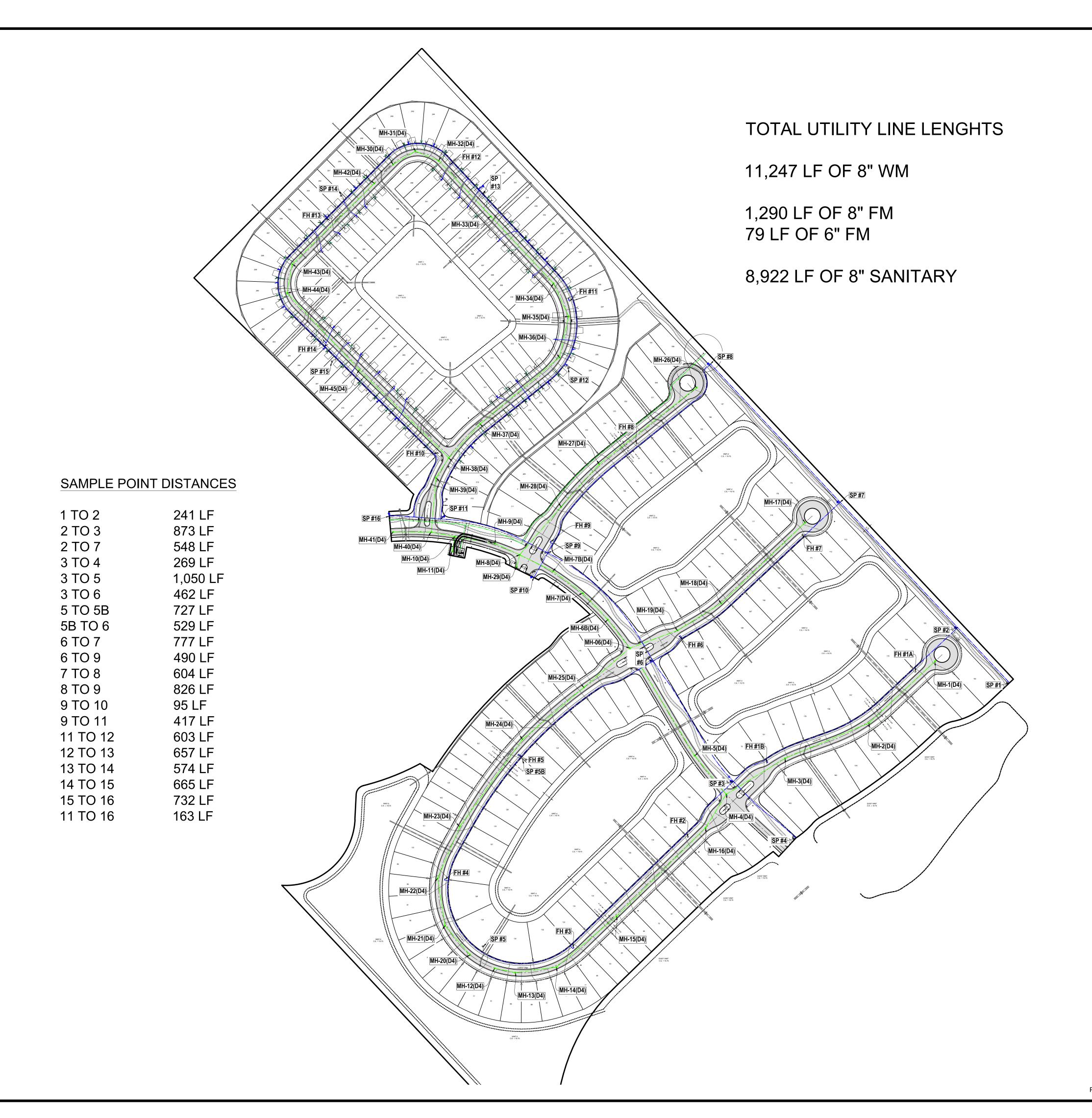


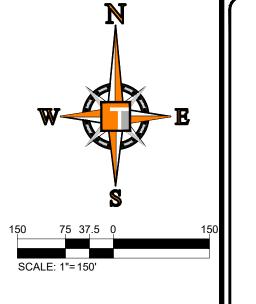


PGD SECTIONS

PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005

Printed on Thursday, June 13, 2024, 2:17 PM by Michael L





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2	5-6-24	REV PER PSLUSD	MJL				
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DRAWN BY: CHECKED BY: DATE: CAD I.D.: BMU 9-1-18 FJ160006-MASTER-UTIL

> **VERANO SOUTH** POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



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MASTER UTILITY PLAN

PSLUSD PROJECT NO: 11-652-33C ELEVATIONS BASED ON NAVD '88 PORT ST. LUCIE PROJECT NO: P24-005

RILABILIER SAIRLIECTURE TABLE

INV = 18.00

INV = 20.00

INV = 20.00

RIM = 23.40

INV = 20.50

INV = 20.50

INV = 20.90

INV = 20.90

RIM = 23.20INV = 20.50INV = 20.50

RIM = 23.70INV = 20.10

INV = 20.10

RIM = 23.90INV = 20.10

INV = 20.10

RIM = 23.40

INV = 20.00INV = 20.00

RIM = 23.40

INV = 20.40INV = 20.40

RIM = 23.20

INV = 19.20

INV = 17.00

RIM = 23.80

INV = 19.60

INV = 19.80

INV = 20.00

INV = 17.00

RIM = 23.40 | RIM = 23.20 | NV = 20.50 | INV = 19.00 | INV = 19.00 |

INV = 20.00 | RIM = 723.655

INV = 20.50 | INV = 18.50

3-1401 RIM = 23.40 INV = 19.00

INV = 20.10 $INV \Rightarrow 107.500$

RIM = 23.20 INV = 19.40 INV = 10.35

INV = 16.20 RIM = 23.40 YD-37 INV = 19.70 INV = 20.25

INV = 20.25 RIM = 23.40 YD-46 RIM = 23.60 INV ≠ 20.40 INV ≠ 20.50

INV = 20.60 RIM = 23.20 YD-45 RIM = 23.40 INV ≠ 20.05 INV ¥ 20.05

INV = 20.20 INV = 20.60 YD-39 RIM = 24.00 INV = 20.30 INV = 20.30 INV = 20.30 YD-38 RIM = 23.60 YD-38 RIM = 23.60 INV = 20.05 INV = 20.05 INV = 20.05

INV = 20.00 YD-40 RIM = 23.70 INV = 20.25 INV = 20.25 INV = 20.25 S-1301

INV = 19.70 | RIM = 24.10 | INV = 19.90 | IN

INV = 19.50 RIM 52364

PIN = 19.60 RIM = 23.70 INV = 19.60 INV = 19.60

INV = 19.20 | RIM = 24.00

[⊔] INV = 19.30 INV = 19.30

RIM = 23.20

INV = 19.00

INV = 19.00

INV = 19.50

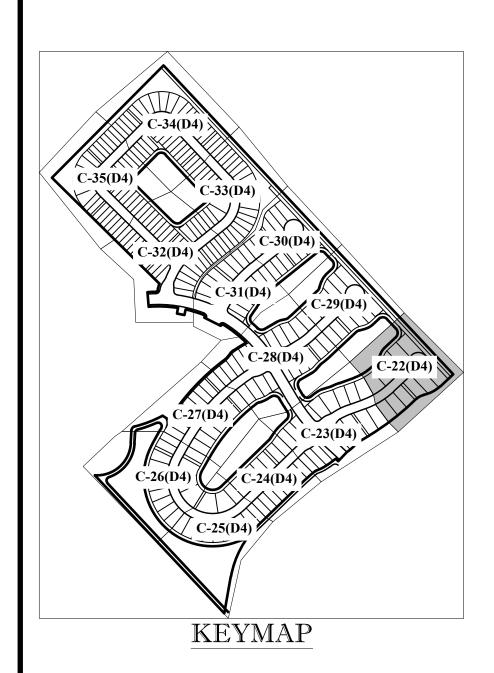
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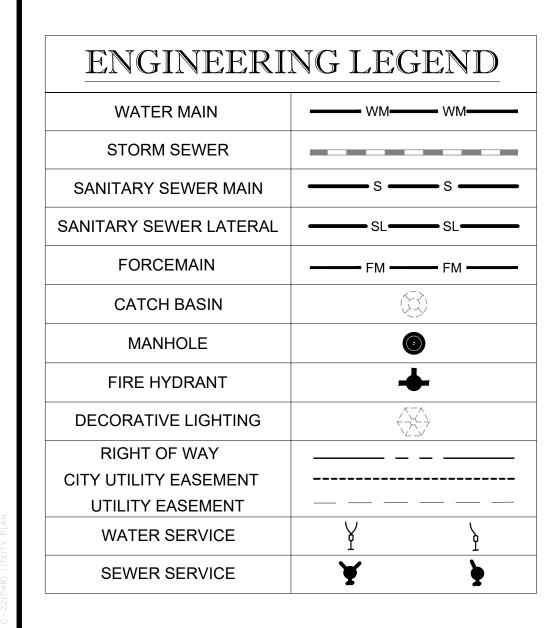
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INV = 20.25

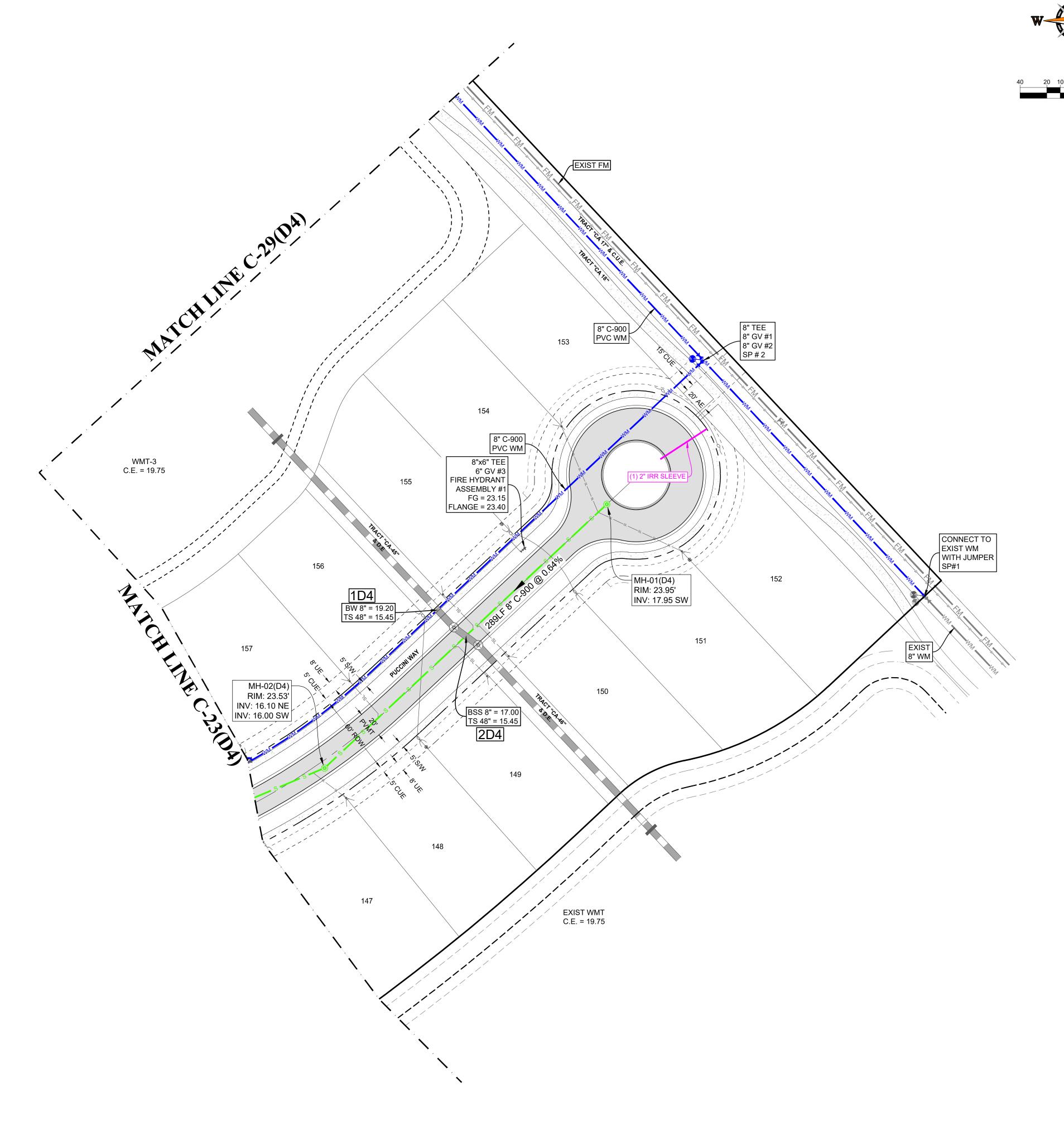
INV = 20.60

INV = 20.20





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No. 68345

PROFESSIONAL ENGINEER

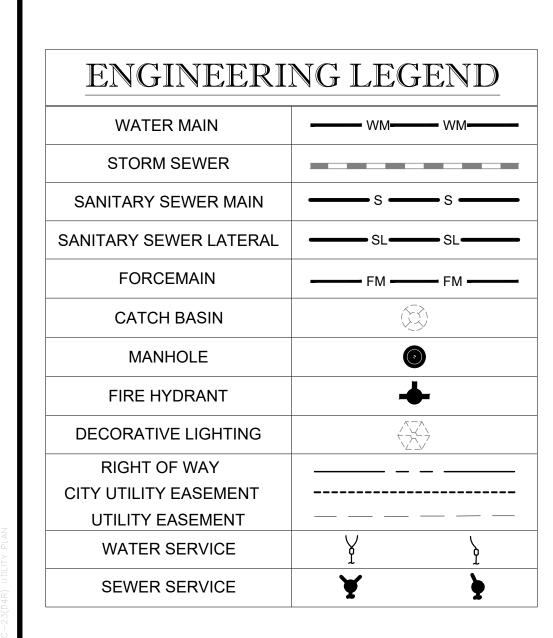
June 13, 2024

FLORIDA LICENSE NO 68345

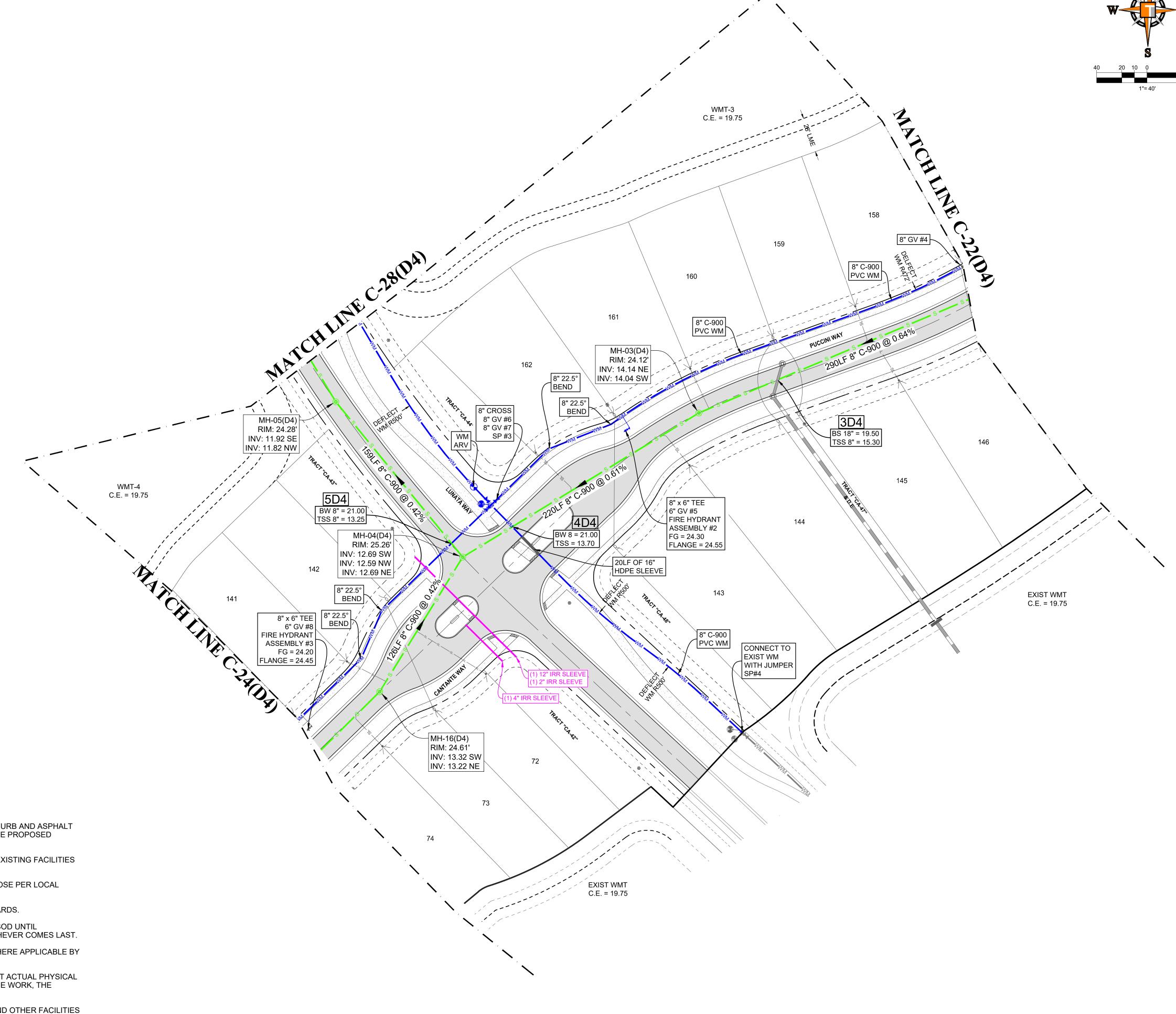
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UTILITY PLAN

PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005



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PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005

5-3-24 REV PER PSLUSD

2 5-6-24 REV PER PSLUSD

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PROFESSIONAL ENGINEER

June 13, 2024

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UTILITY PLAN

FJ160006-UTILITY-PLANS

PROJECT No.

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1	5-3-24	REV PER PSLUSD	MJL
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VERANO SOUTH POD D PLAT 4 REPLAT 2

PROJECT:

VERANO DEVELOPMENT

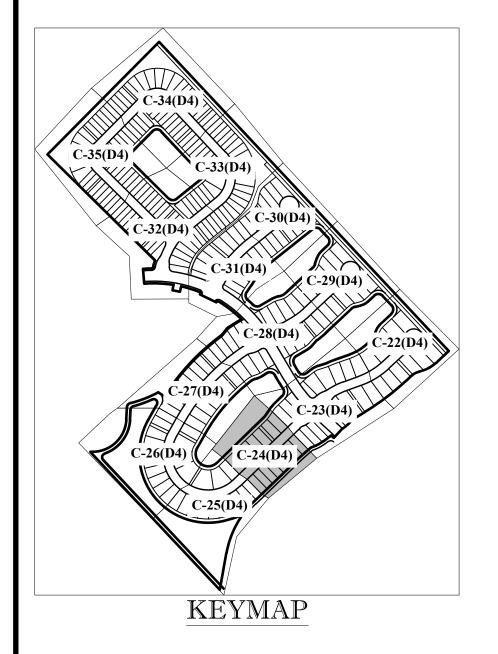
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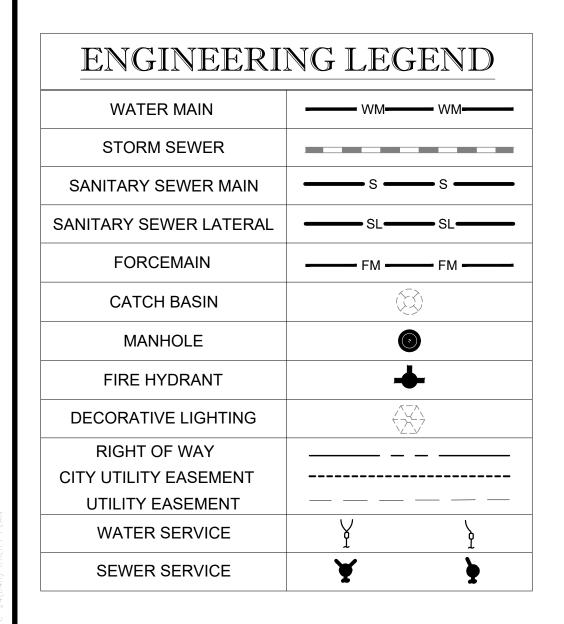


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UTILITY PLAN

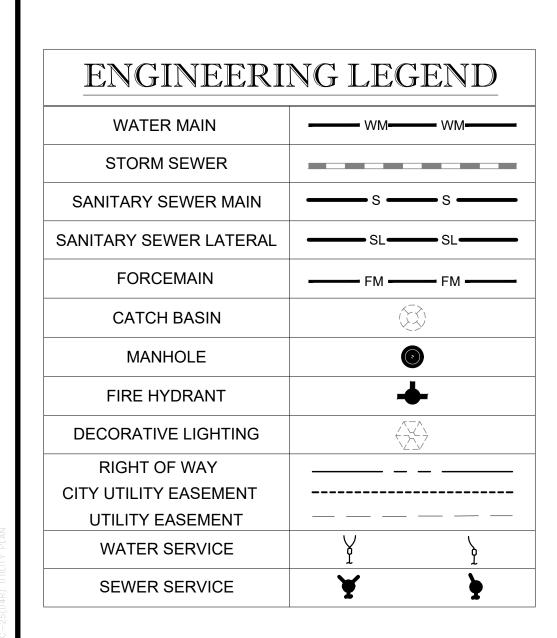




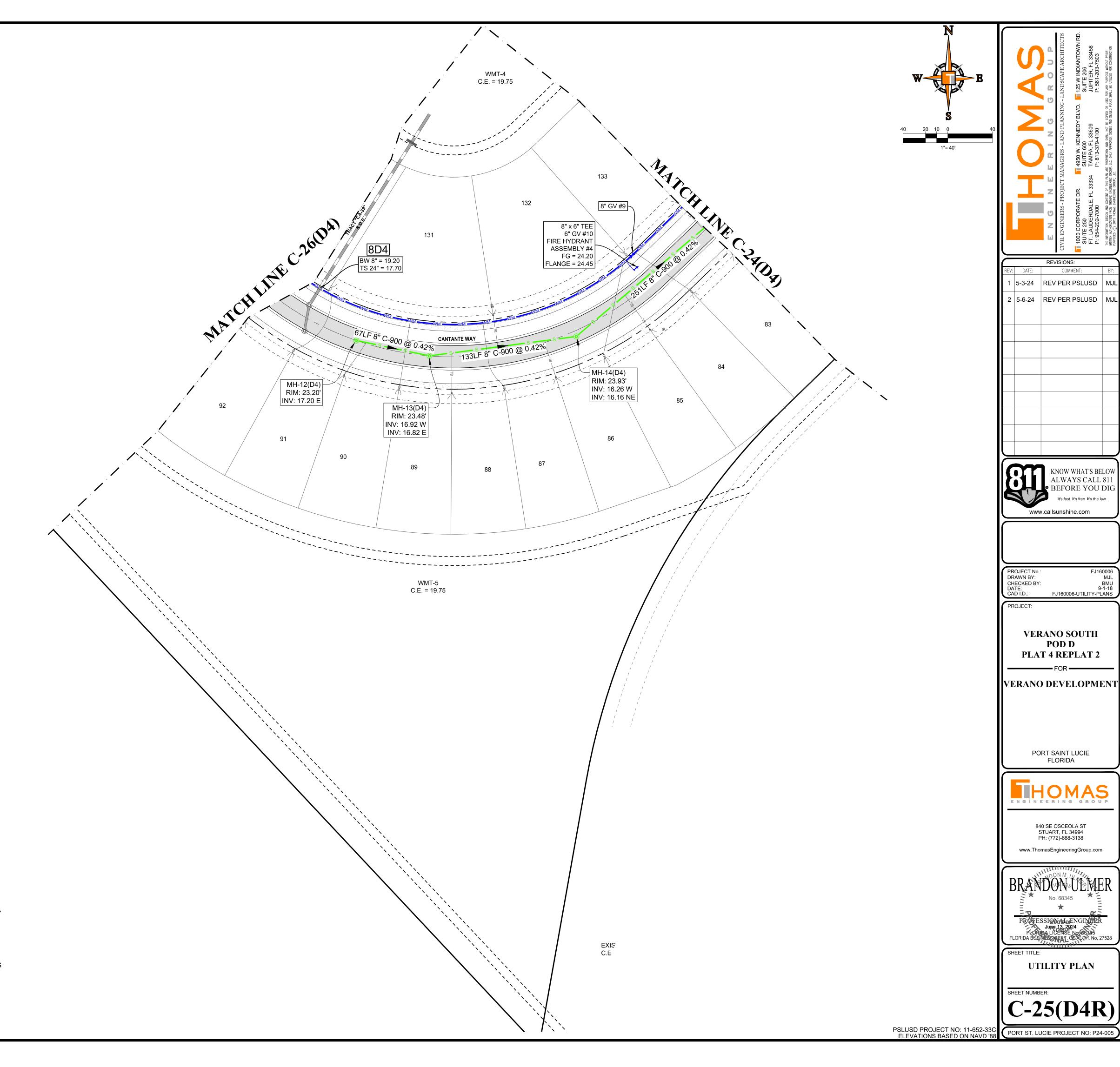
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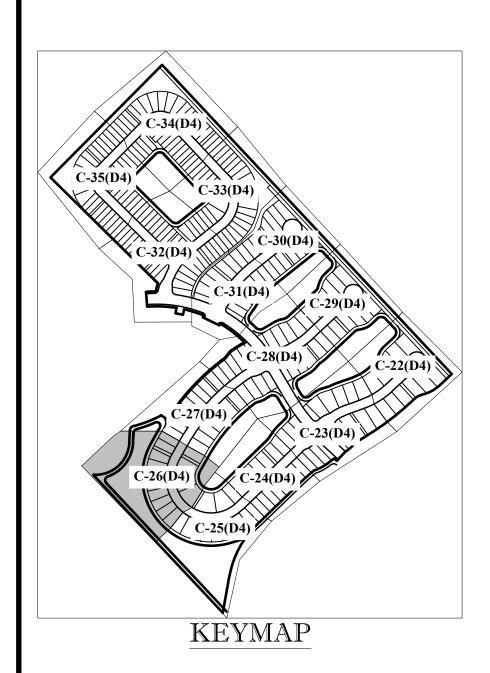


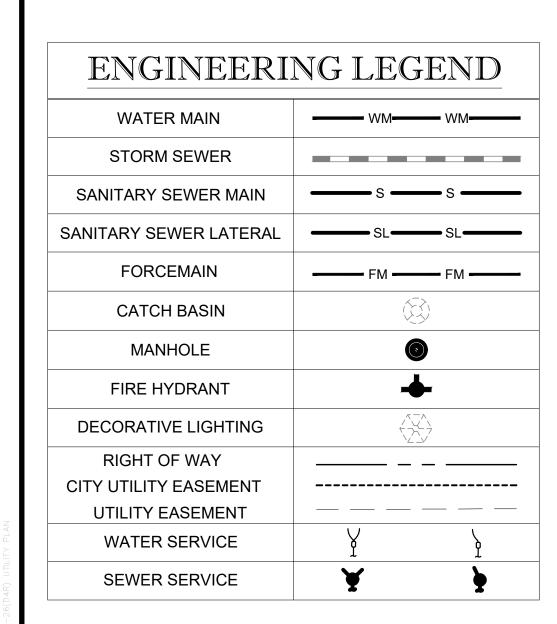


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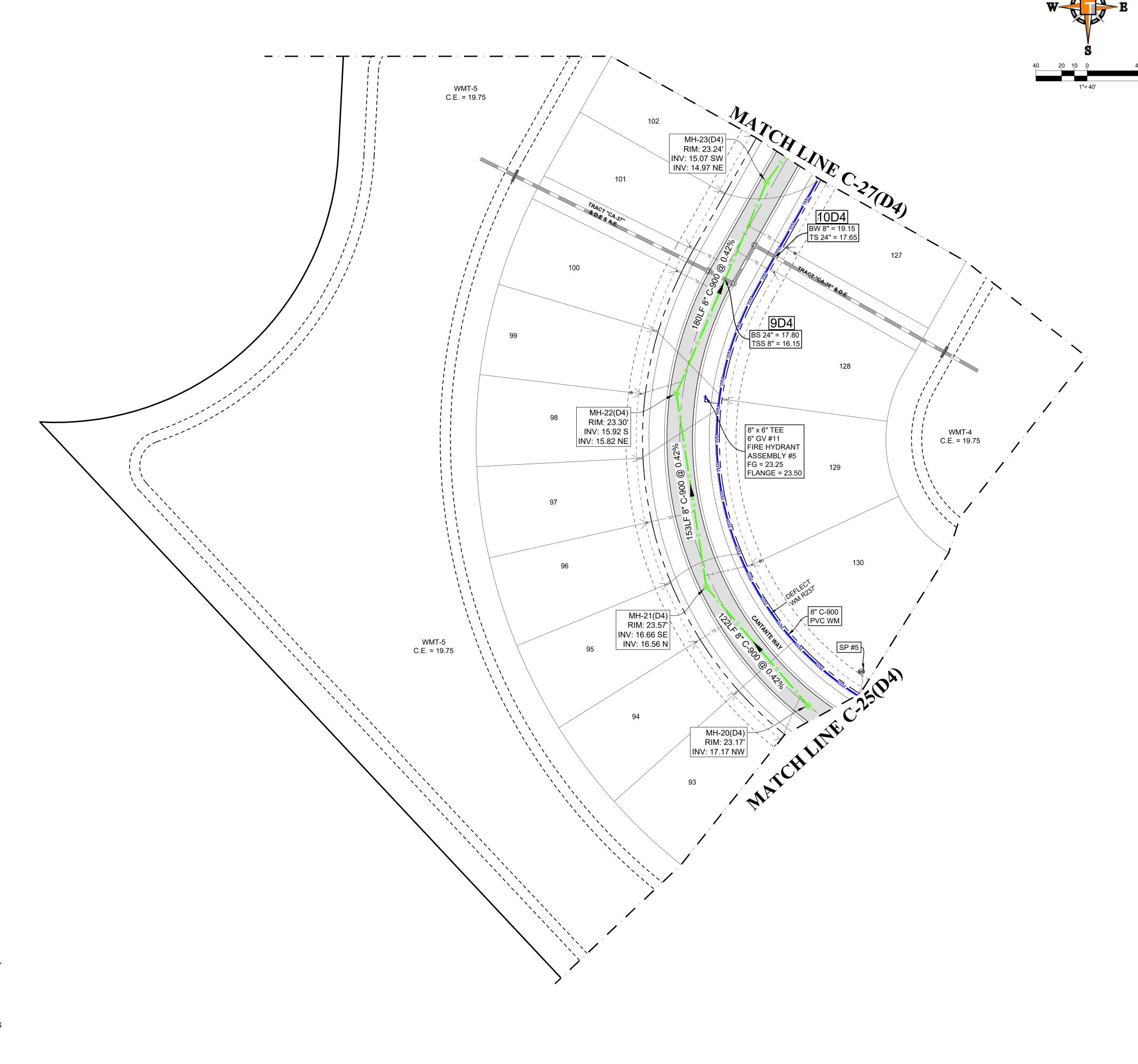


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SUITE 260

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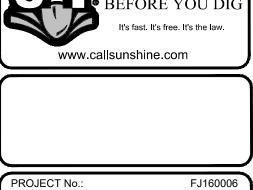
SUITE 260

P: 813-379-4100

P: 561-203-7503

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2	5-6-24	REV PER PSLUSD	MJL



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CHECKED BY:
DATE:
CAD I.D.:
FJ160006-UTILITY-PLANS

PROJECT:

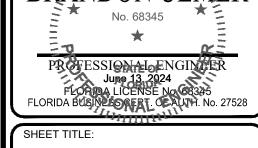
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PLAT 4 REPLAT 2
FOR

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA



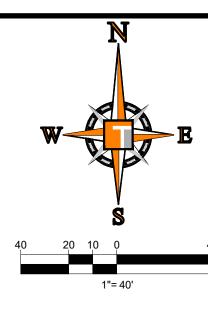
RANDON M. WILLIAM No. 68345

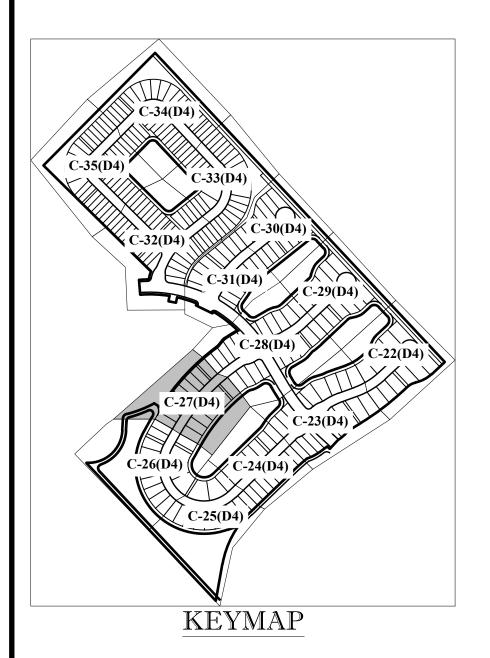


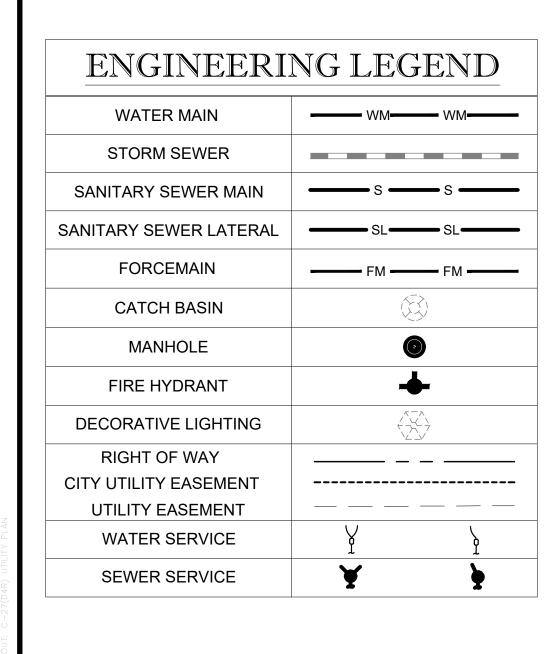
UTILITY PLAN

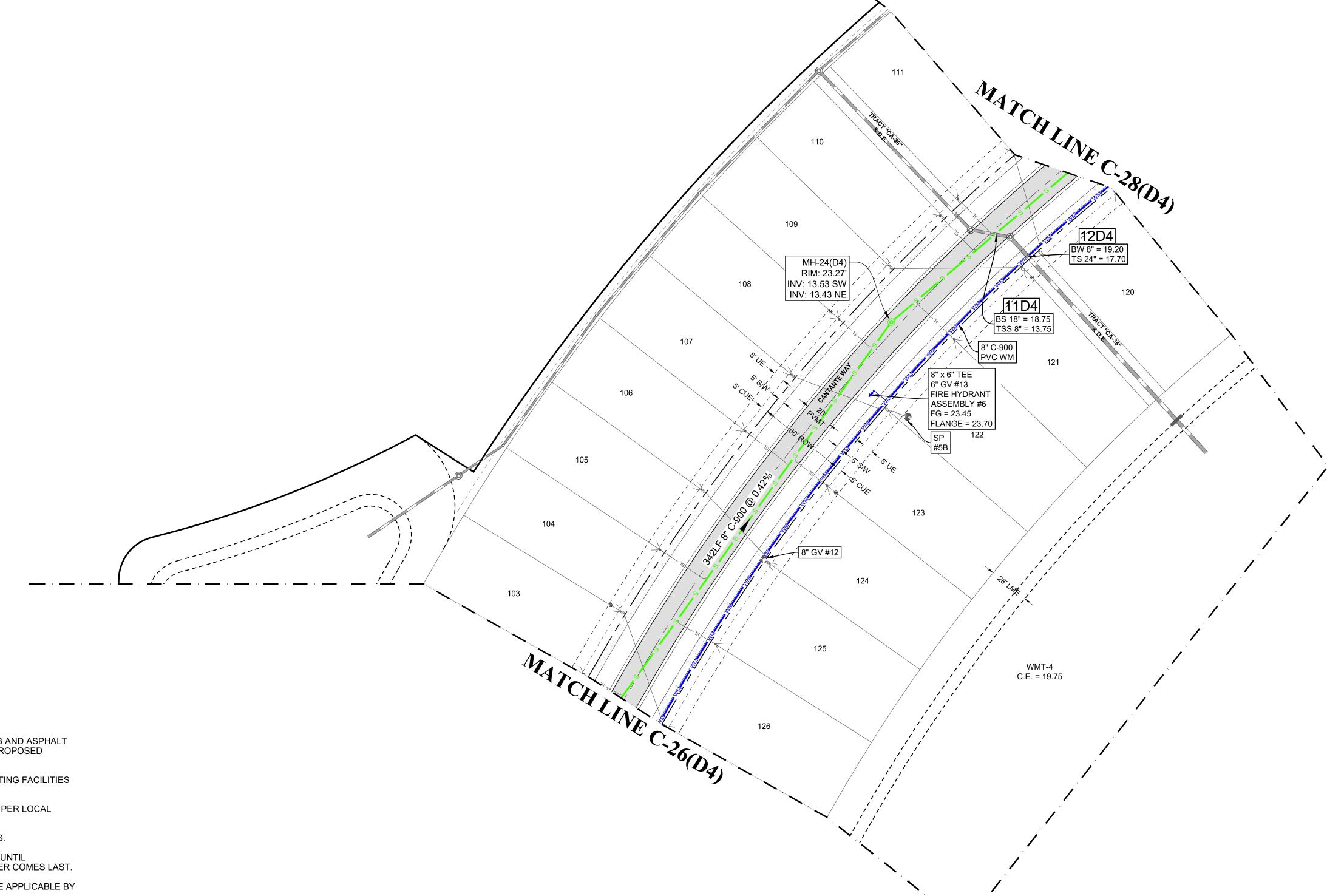
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PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005







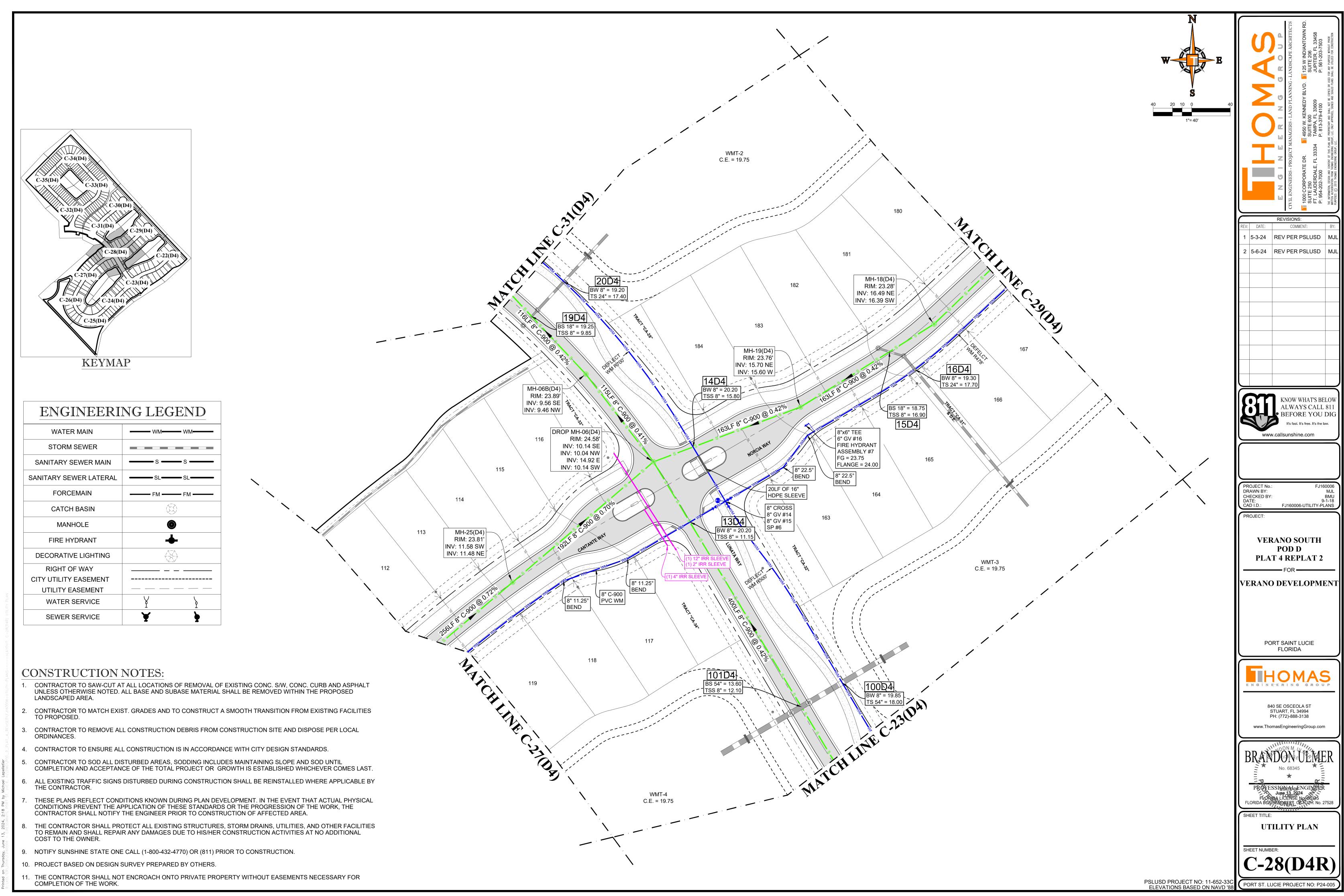


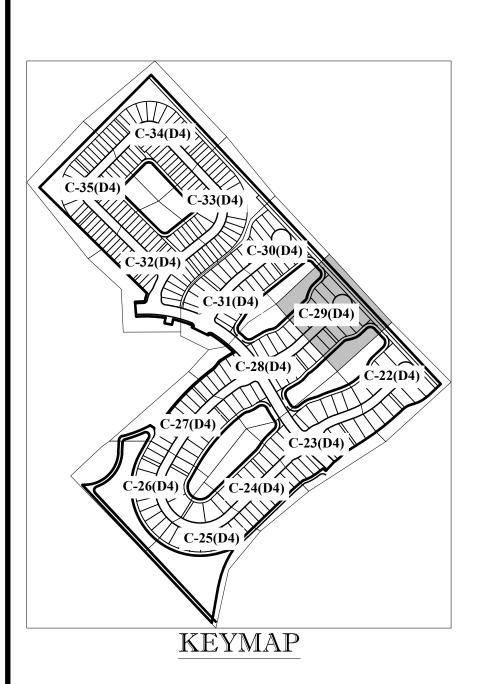
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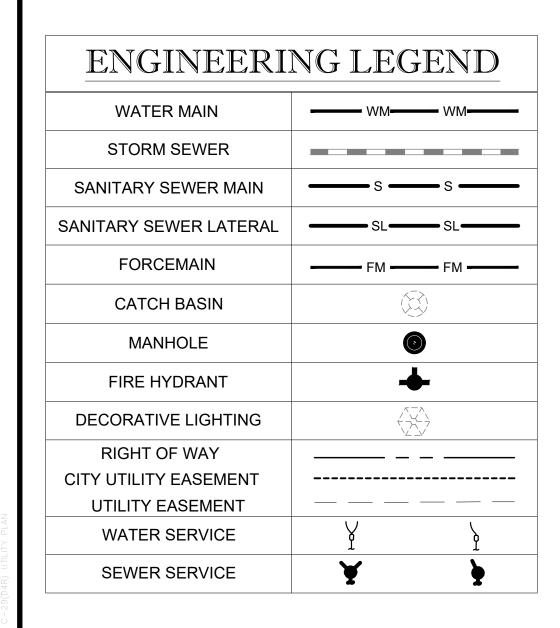
UTILITY PLAN

PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005

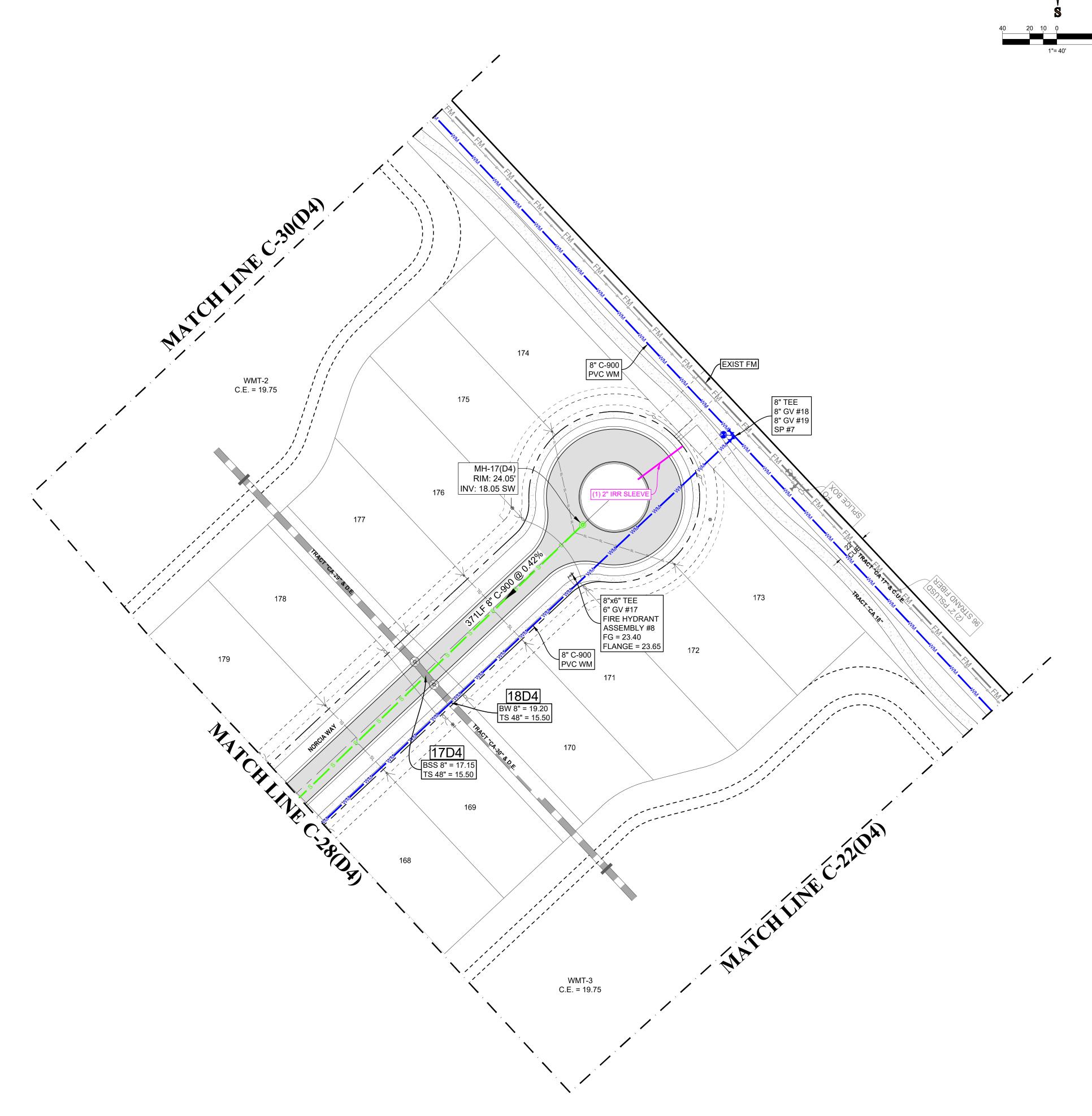
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DRAWN BY: CHECKED BY: DATE: CAD I.D.: FJ160006-UTILITY-PLANS PROJECT:

VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

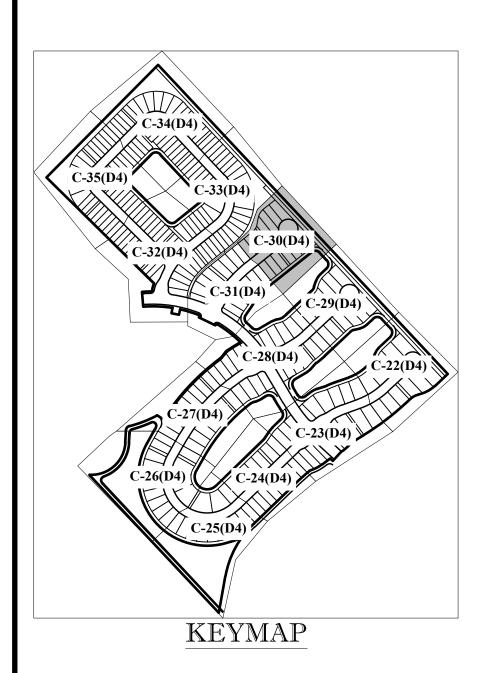


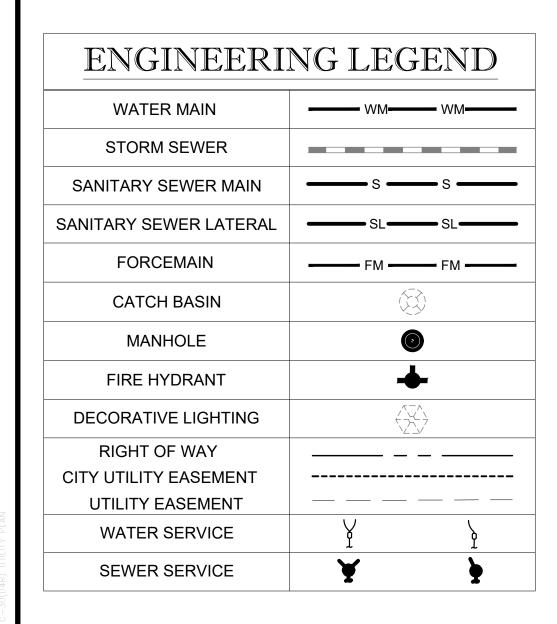
STUART, FL 34994 PH: (772)-888-3138 www. Thomas Engineering Group.com



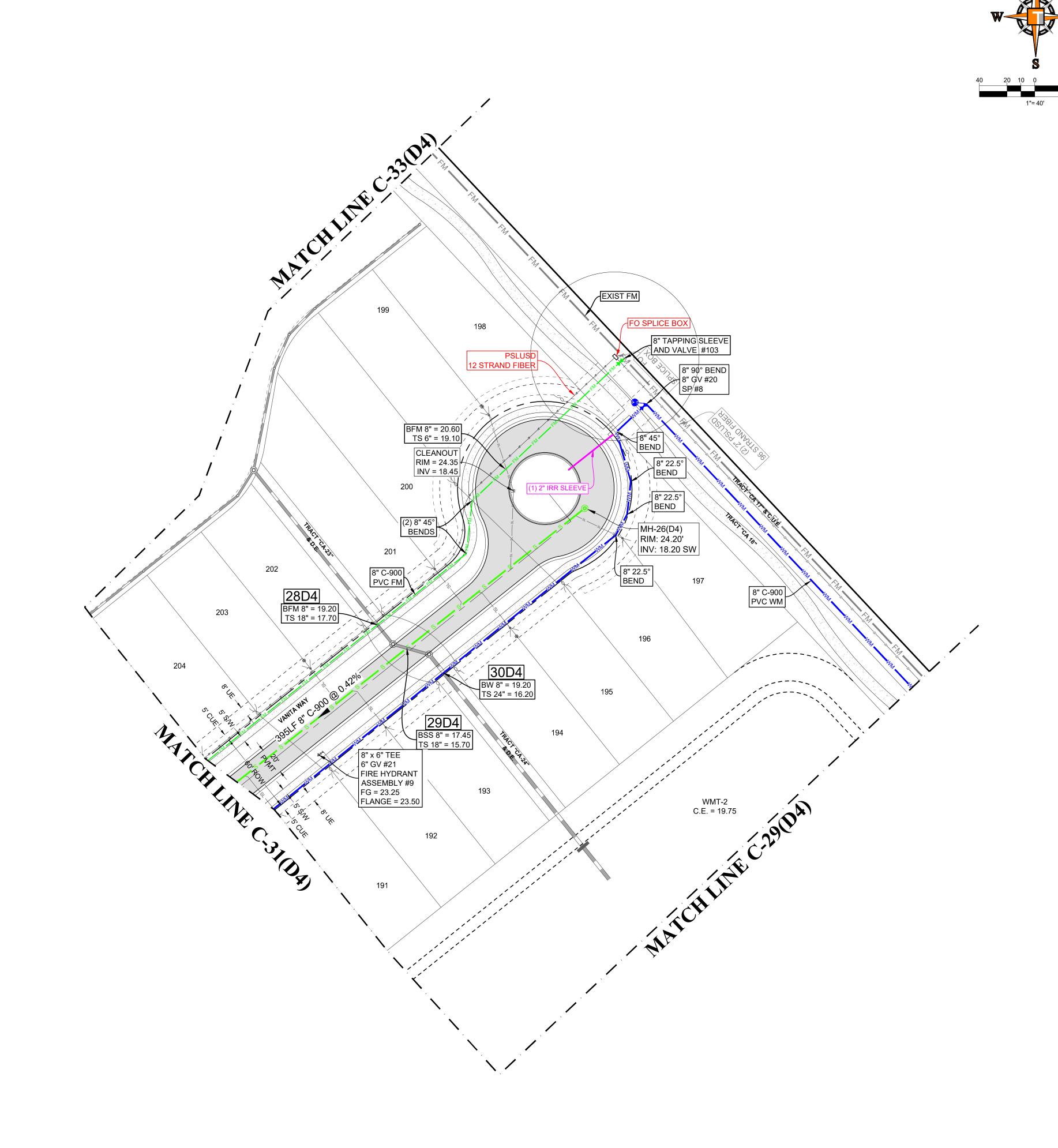
UTILITY PLAN

PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005





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1	5-3-24	REV PER PSLUSD	MJ
2	5-6-24	REV PER PSLUSD	MJ



PROJECT No. DRAWN BY: CHECKED BY: DATE: CAD I.D.: FJ160006-UTILITY-PLANS PROJECT:

VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA

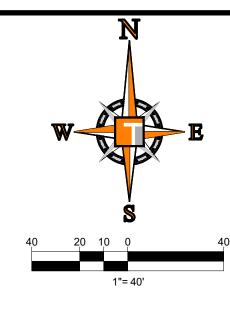


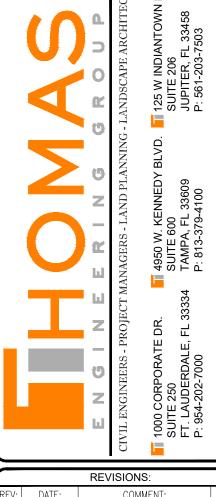
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UTILITY PLAN

PORT ST. LUCIE PROJECT NO: P24-005





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1	5-3-24	REV PER PSLUSD	MJL
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VERANO SOUTH POD D PLAT 4 REPLAT 2

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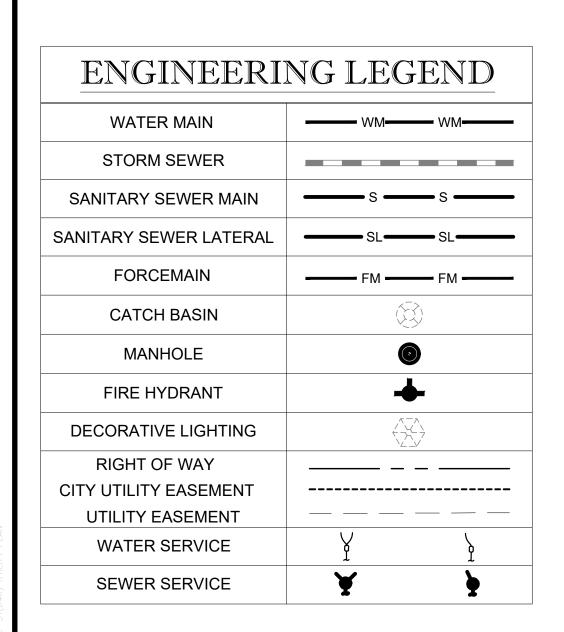


UTILITY PLAN

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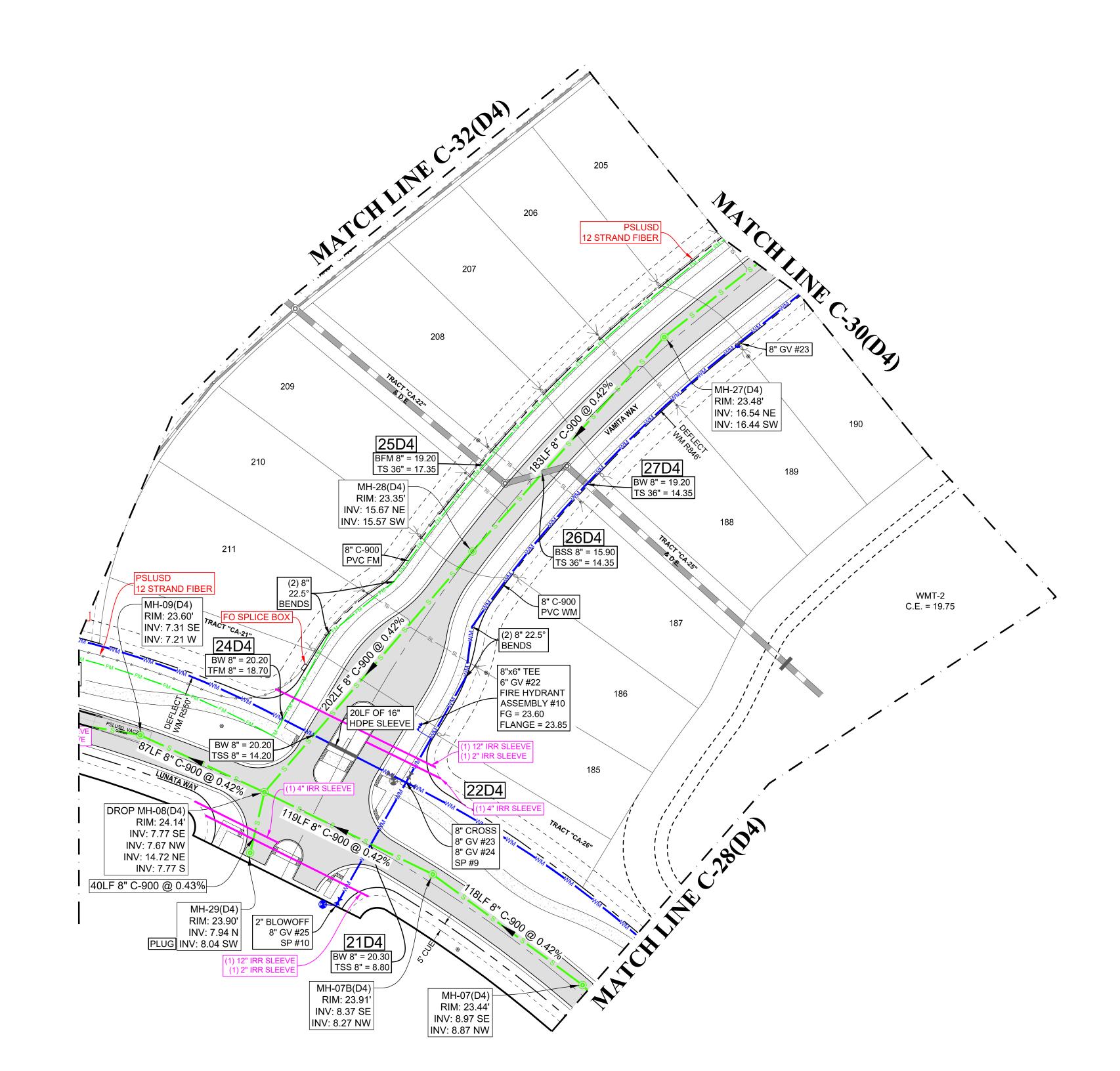
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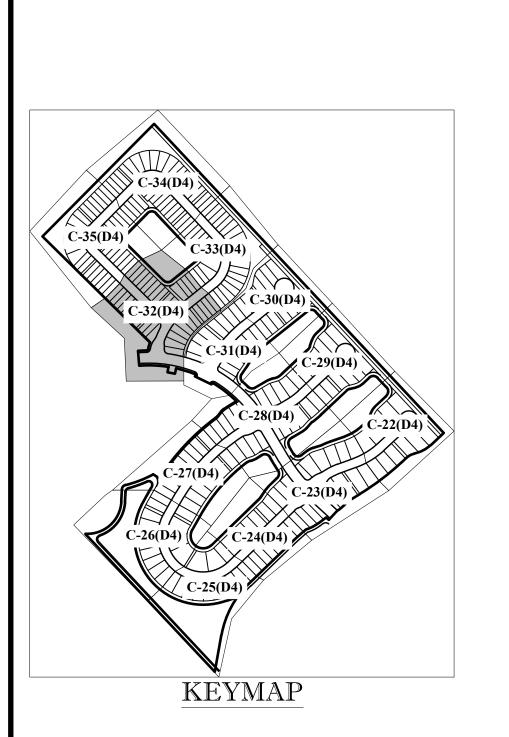
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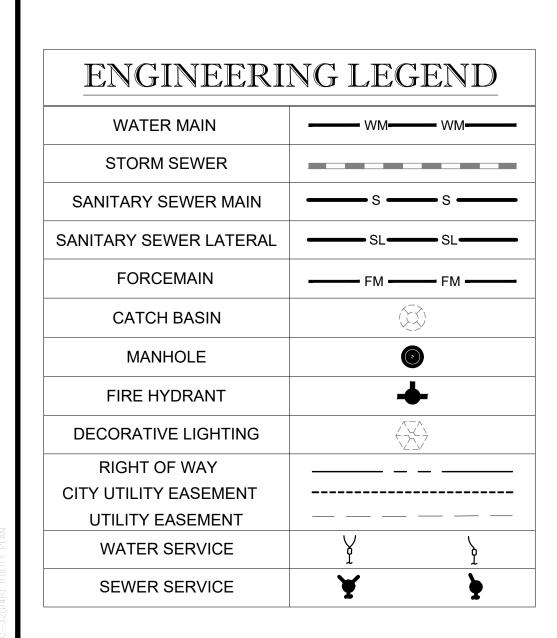


CONSTRUCTION NOTES:

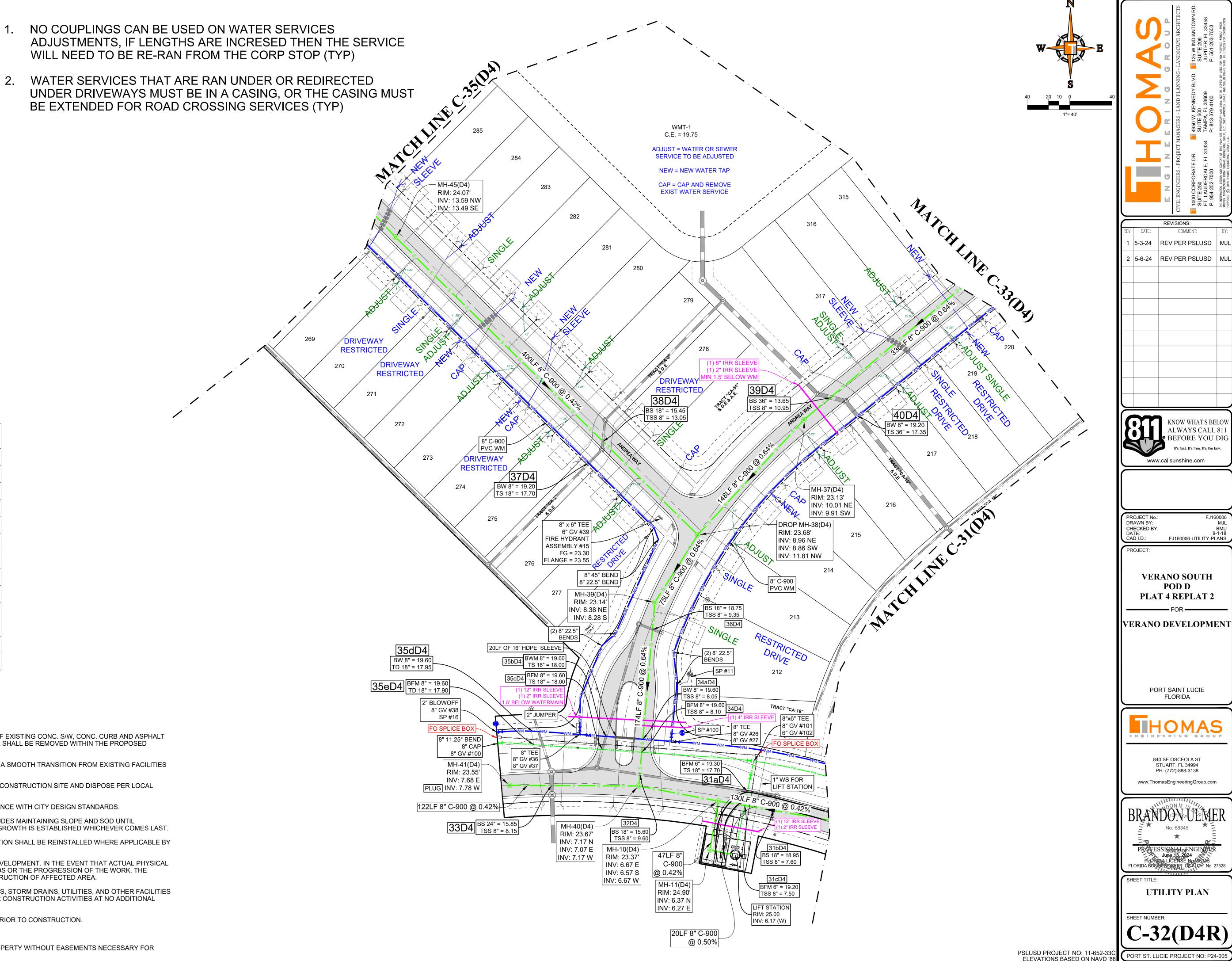
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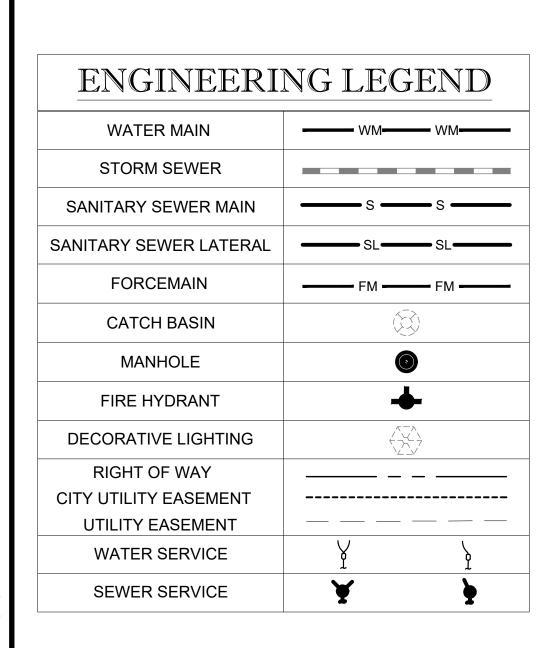




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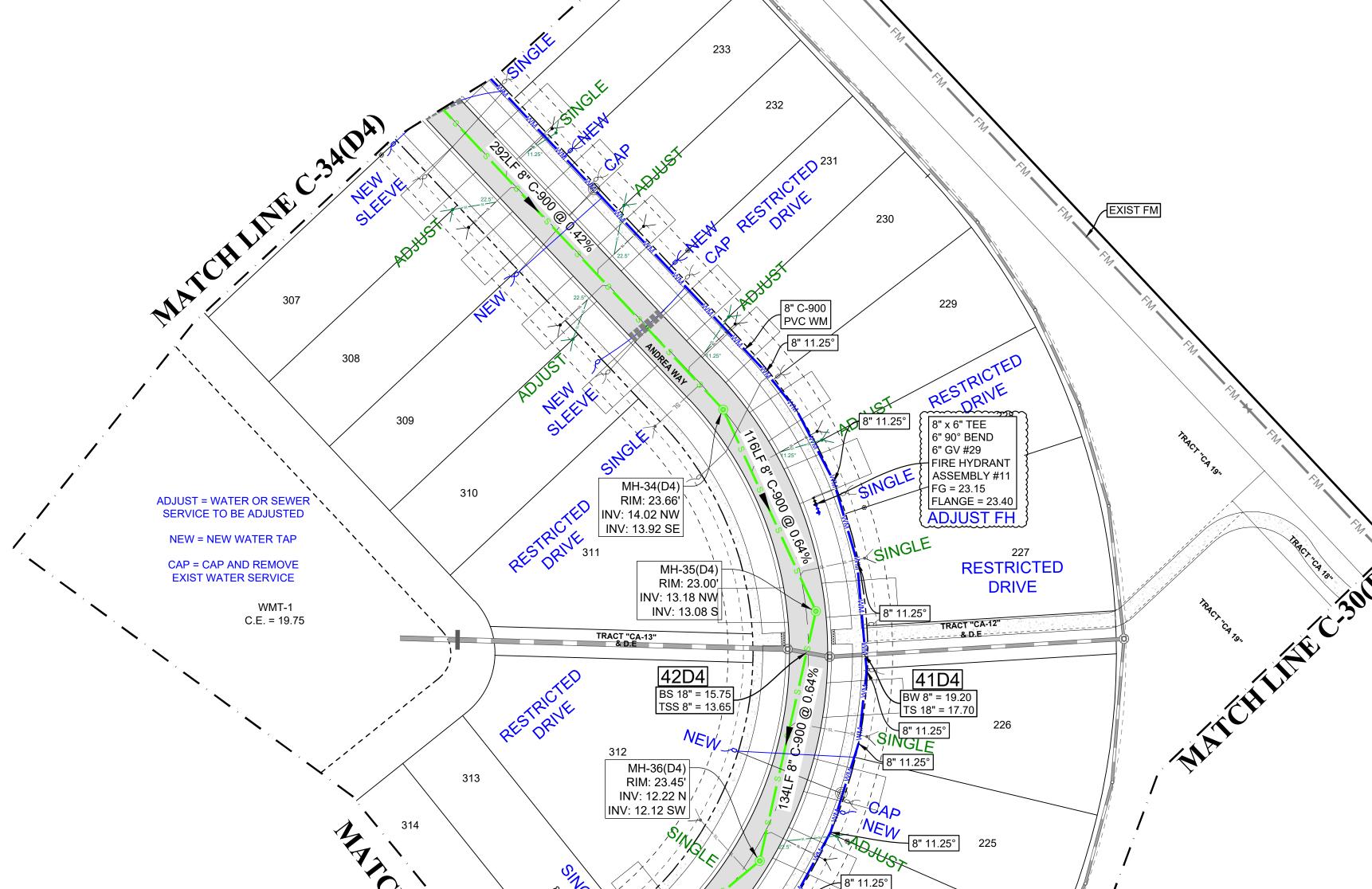


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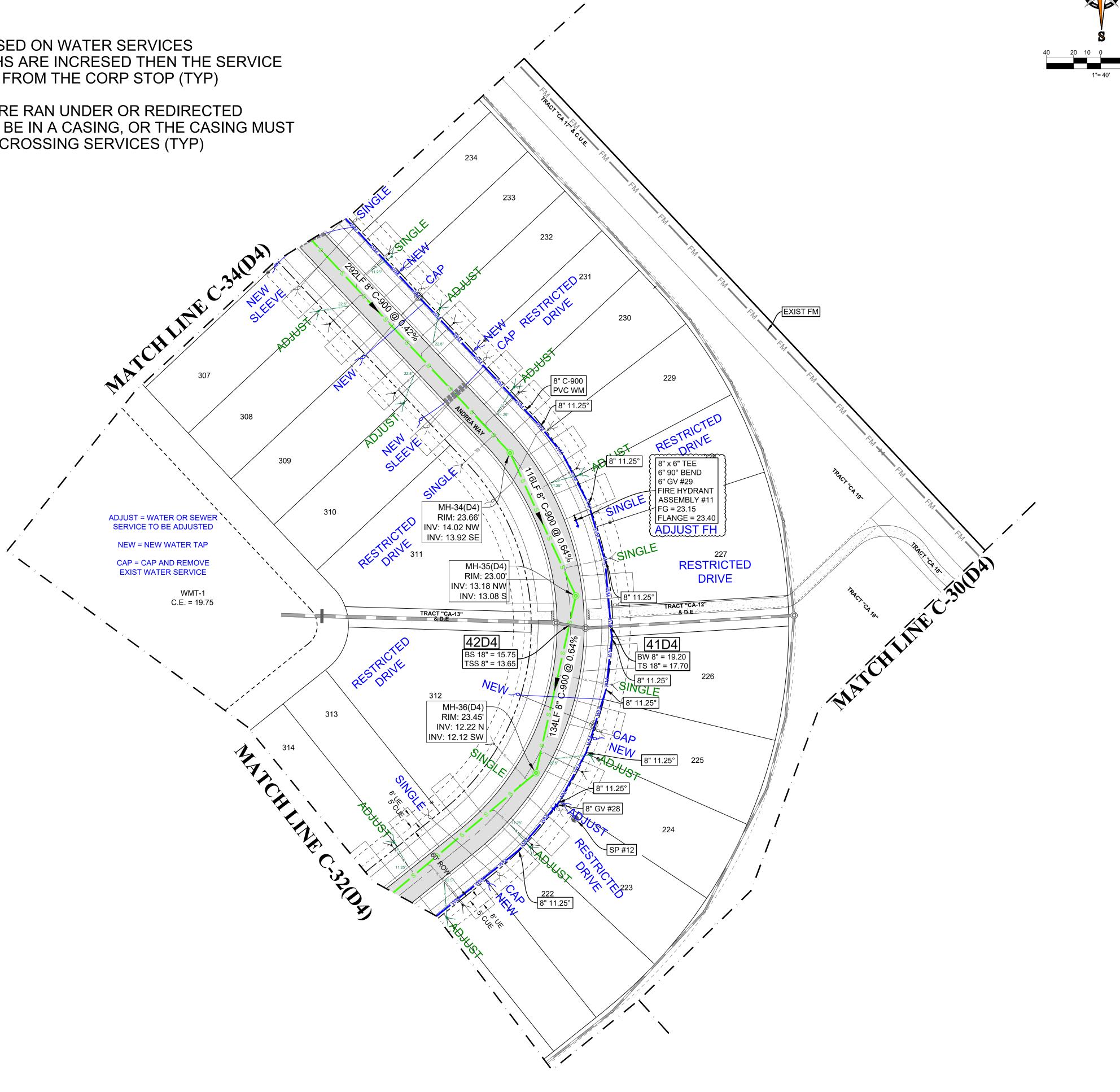
NO COUPLINGS CAN BE USED ON WATER SERVICES ADJUSTMENTS, IF LENGTHS ARE INCRESED THEN THE SERVICE WILL NEED TO BE RE-RAN FROM THE CORP STOP (TYP)

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DRAWN BY:

CHECKED BY: DATE: CAD I.D.:

PROJECT:

FJ160006-UTILITY-PLANS

VERANO SOUTH

POD D

PLAT 4 REPLAT 2

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

840 SE OSCEOLA ST

STUART, FL 34994

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PROFESSIONAL ENGINEER

June 13, 2024

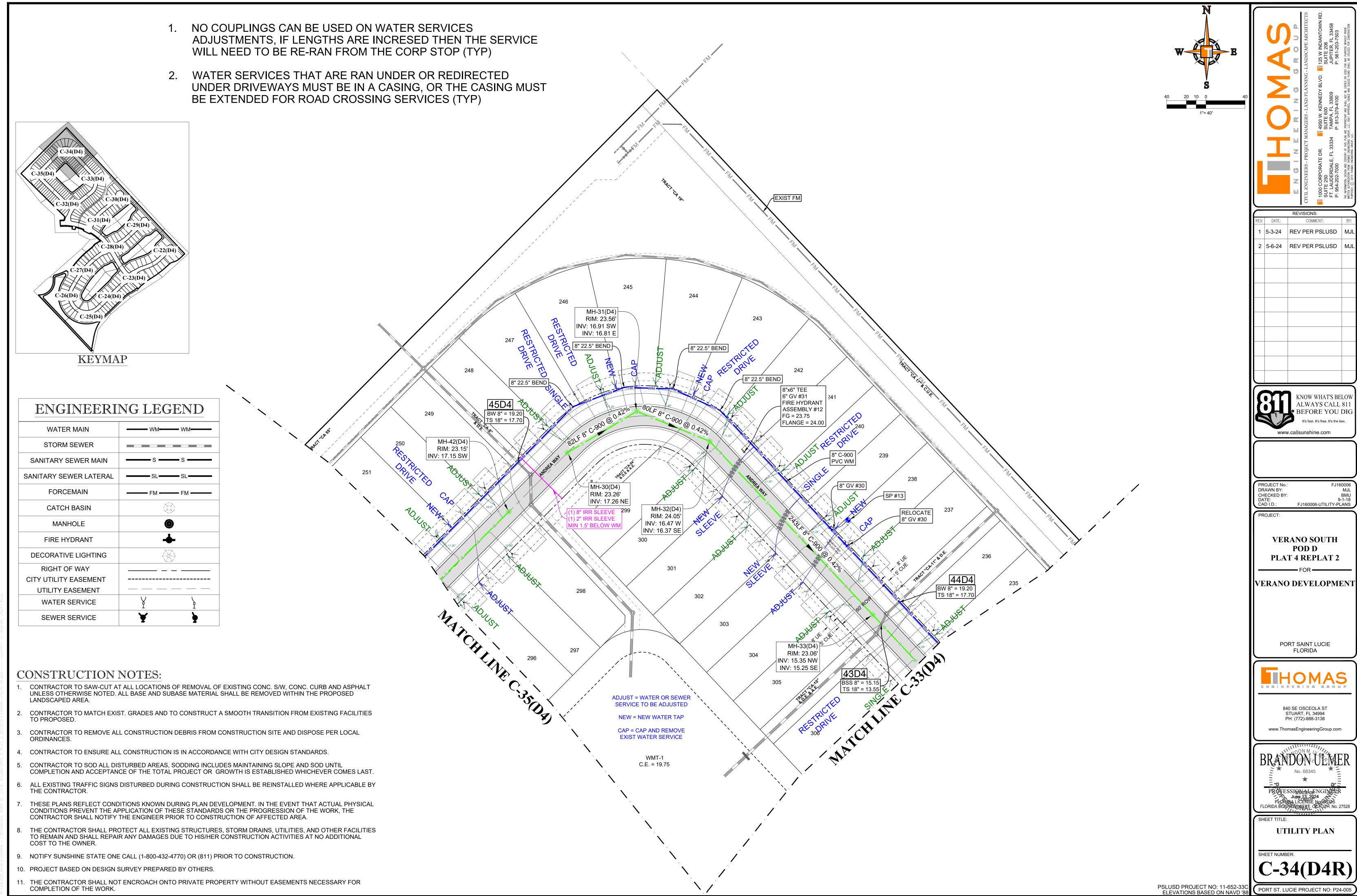
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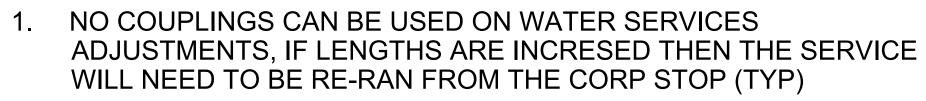
UTILITY PLAN

PORT ST. LUCIE PROJECT NO: P24-005

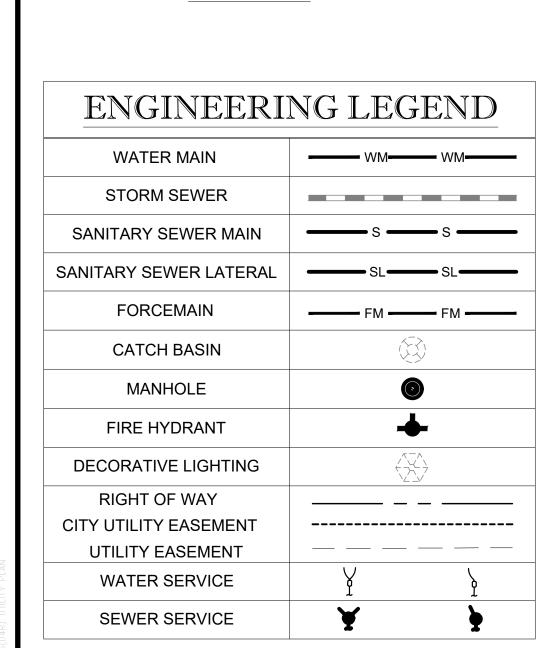
PSLUSD PROJECT NO: 11-652-33C ELEVATIONS BASED ON NAVD '88



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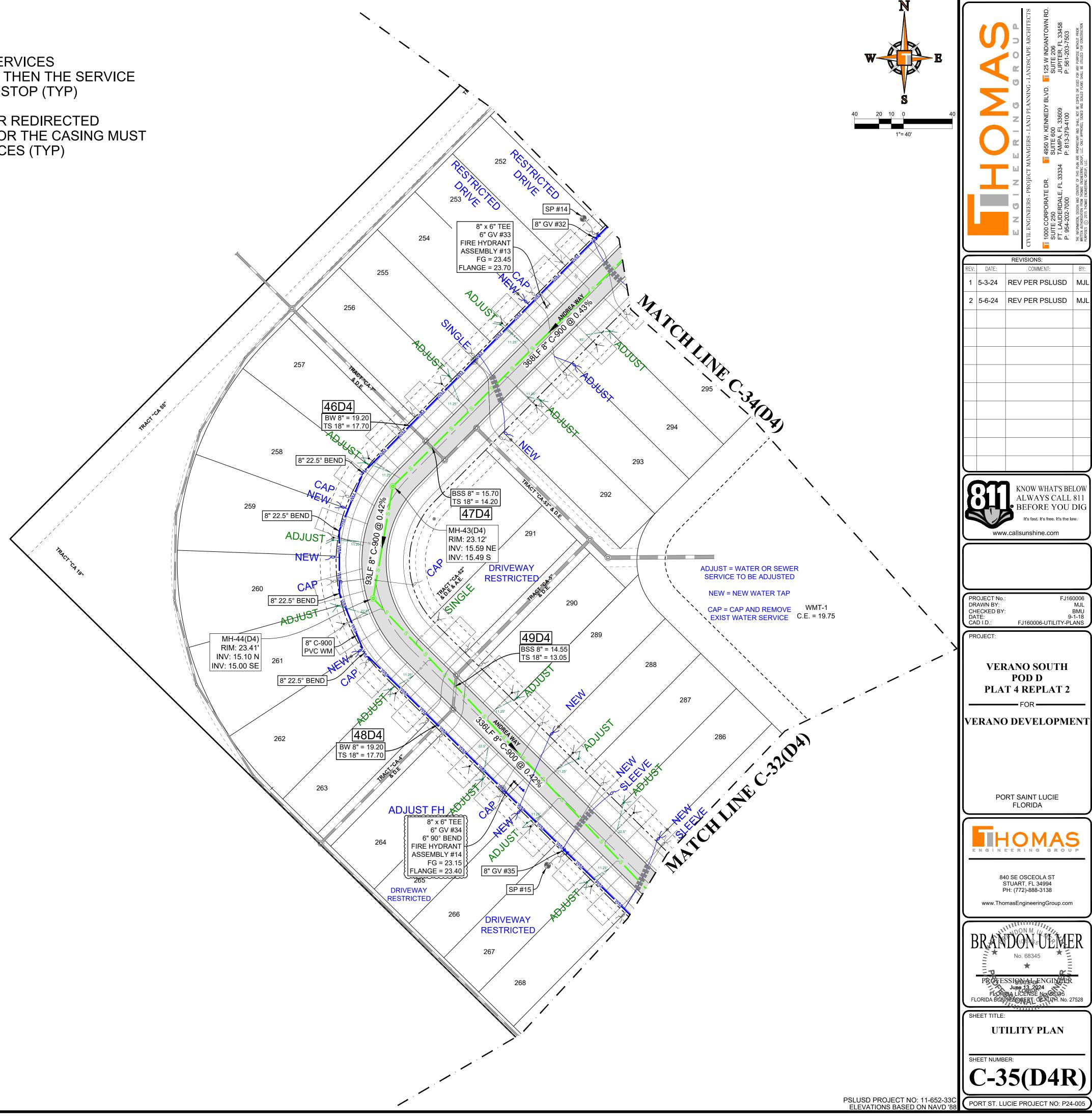


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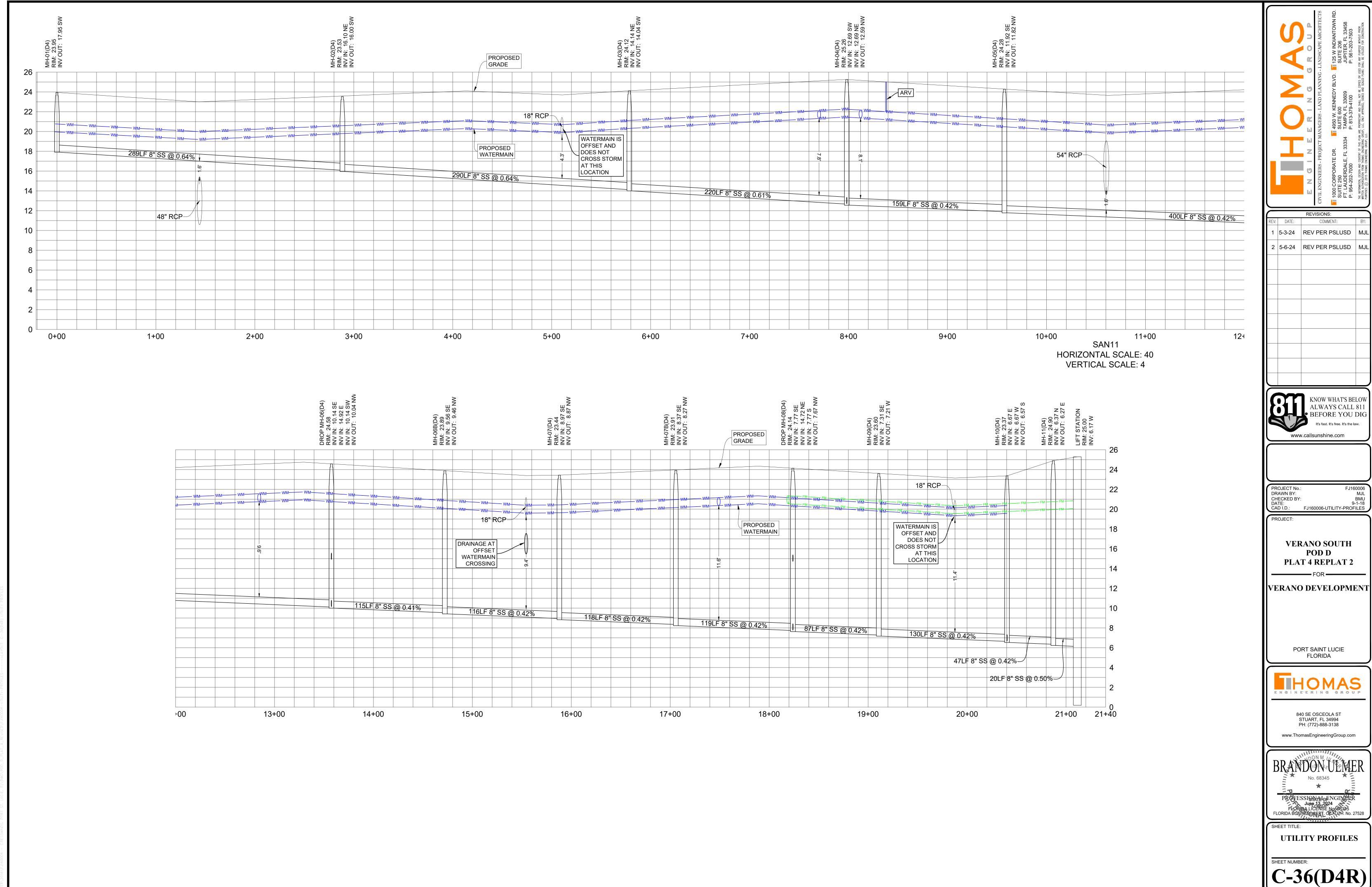


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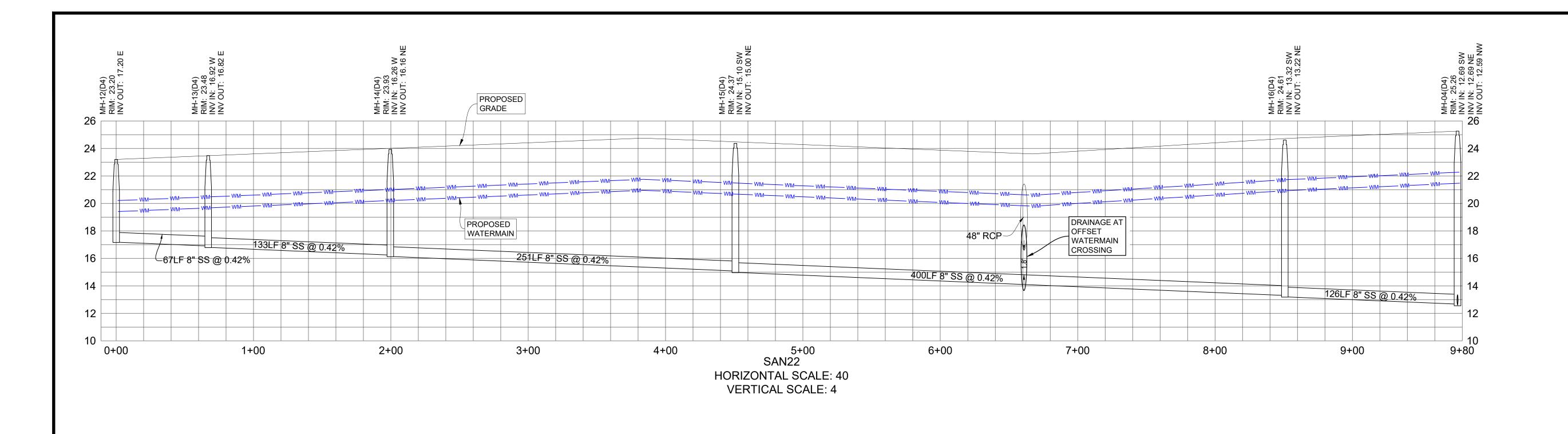
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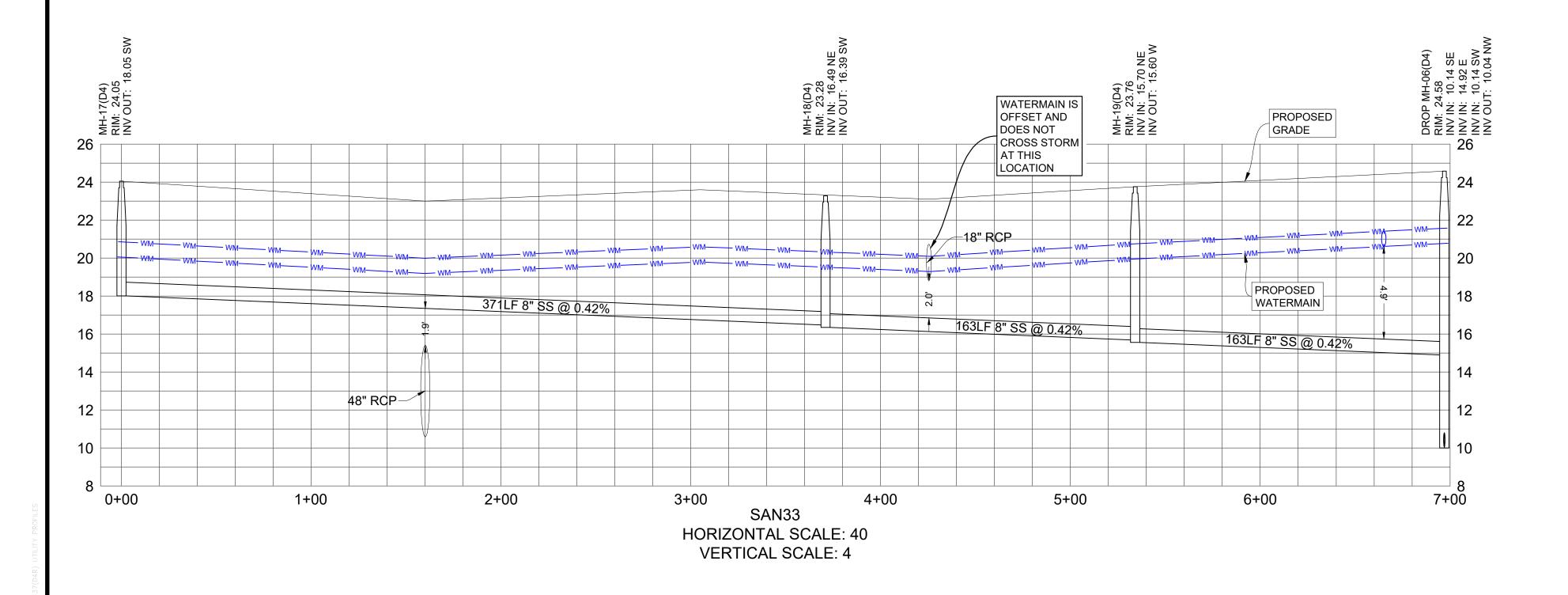
PLAT 4 REPLAT 2





PSLUSD PROJECT NO: 11-652-33C PORT ST. LUCIE PROJECT NO: P24-005





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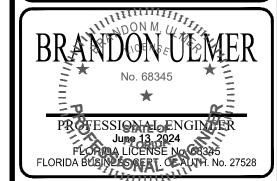
VERANO SOUTH POD D PLAT 4 REPLAT 2

VERANO DEVELOPMENT

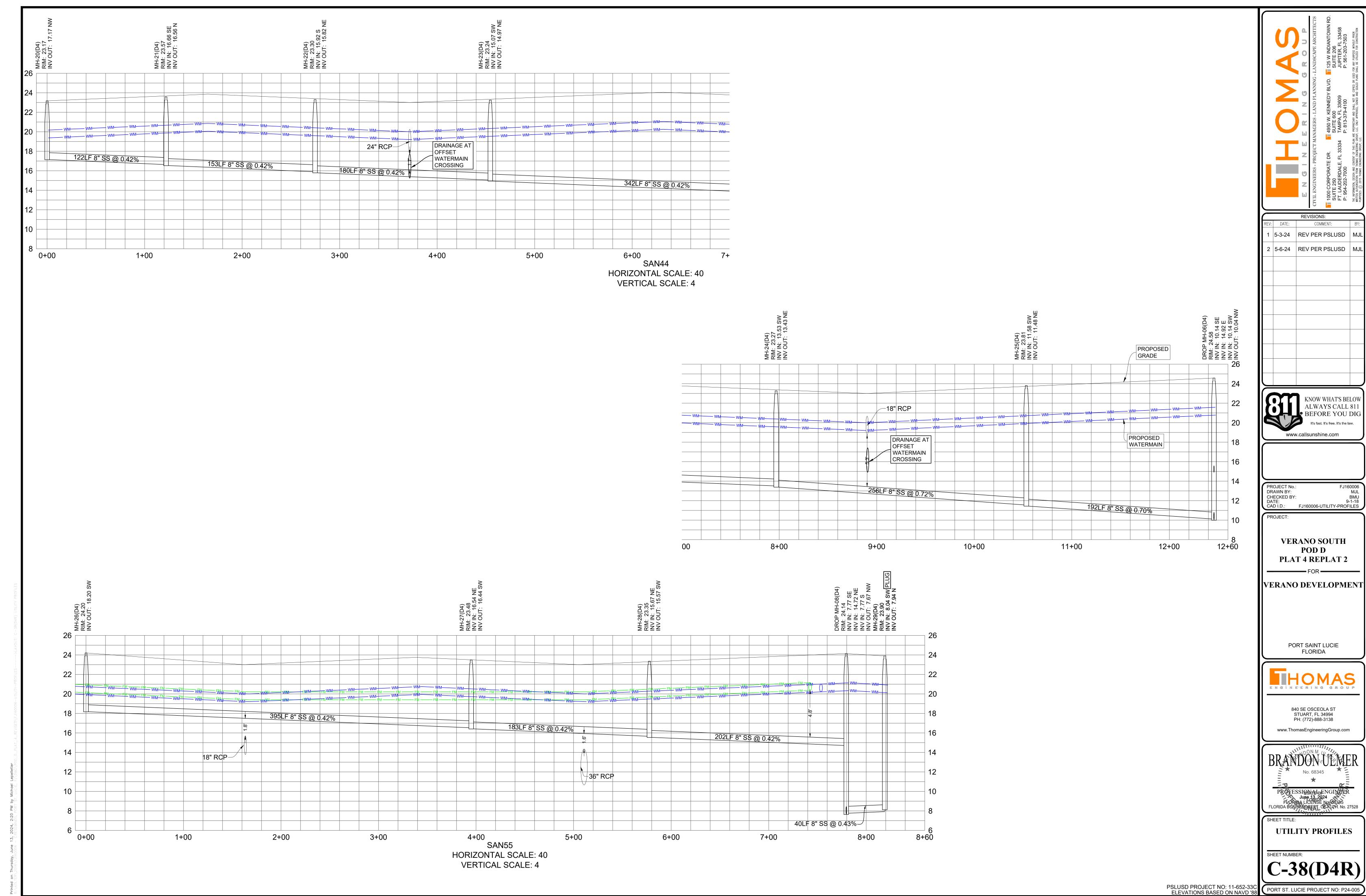
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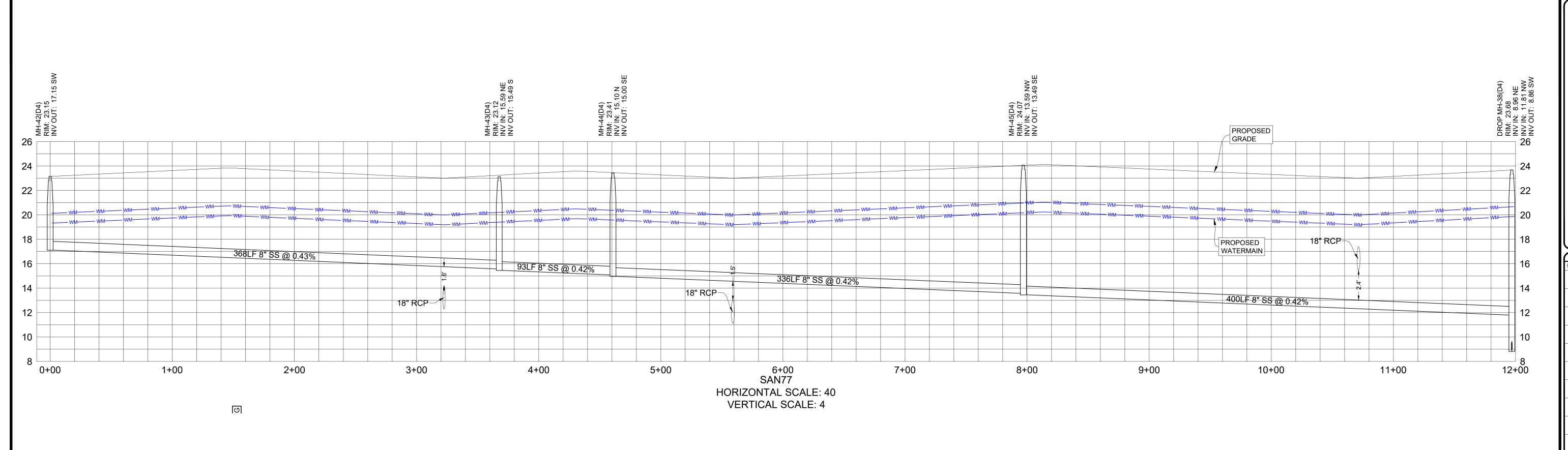


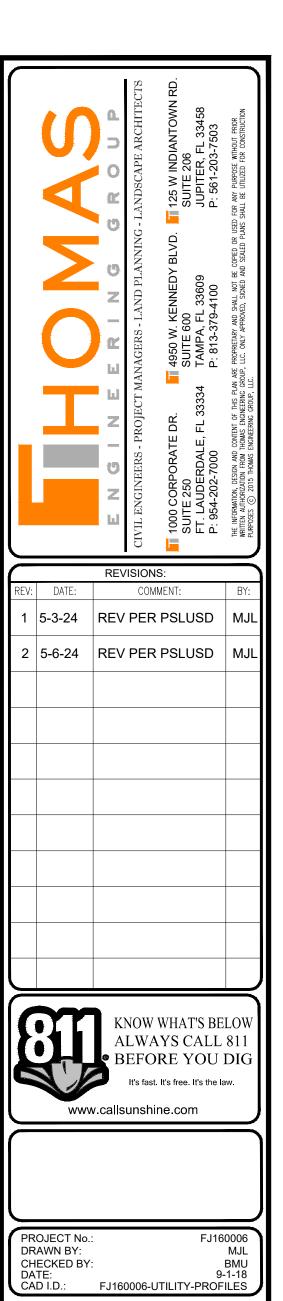
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UTILITY PROFILES







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UTILITY PROFILES

