TOWNSHIP 37 SOUTH, RANGE 39 EAST, ST. LUCIE COUNTY, FLORIDA, IN THE CITY OF PORT ST. LUCIE, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: 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 2/23/59 AND THE SOLITHEASTERLY RIGHT-OF-WAY LINE OF THE FLORIDA EAST COAST RAILWAY COMPANY "FT. PIERCE CUT-OFF" TRACK AS SHOWN ON RIGHT-OF-WAY MAPS, PAGES V.3D/6 AND V.3D/7, DATED FEBRUARY 1, 1960 WITH "TRACK CORRECT" REVISION DATED 4/28/67; THENCE S.44°46'01"W., ALONG SAID SOUTHEASTERLY RIGHT-OF-WAY LINE OF THE FLORIDA EAST COAST RAILWAY, A DISTANCE OF 5069.40 FEET TO A POINT ON THE EAST LINE OF SECTION 30, TOWNSHIP 37 SOUTH, RANGE 39 EAST; THENCE S.04°13'20"E., ALONG SAID EAST LINE OF SECTION 30, A DISTANCE OF 258.80 FEET TO THE NORTHEAST CORNER OF SECTION 31, TOWNSHIP 36 SOUTH, RANGE 39 EAST; THENCE S.89°40'25"W., ALONG THE NORTH LINE OF THE NORTHEAST QUARTER (1/4) OF SAID SECTION 31, A DISTANCE OF 312.01 FEET TO A POINT ON SAID SOUTHEASTERLY RIGHT-OF-WAY LINE OF THE FLORIDA EAST COAST RAILWAY: THENCE S.44°46'01"W.. ALONG SAID SOUTHEASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 281.57 FEET; THENCE S.45°13'59"E., A DISTANCE OF 4932.51 FEET **POINT OF BEGINNING**; THENCE S.27°09'32"E., A DISTANCE OF 286.58 FEET TO A NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE EAST WITH A RADIUS OF 1381.00 FEET AND A RADIAL BEARING OF \$.27°09'32"E. AT SAID INTERSECTION, SAID INTERSECTION ALSO BEING A POINT ON THE WESTERLY LINE OF PROPOSED TRACT "CA-1", AS SHOWN ON VERANO SOUTH - P.U.D. 1 - POD G COUNTY, FLORIDA; THENCE THE FOLLOWING FOUR (4) COURSES BEING BY SAID WESTERLY LINE: 1) THENCE SOUTHWESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 61°13'18", A DISTANCE OF 1475.62 FEET TO A POINT OF TANGENCY; 2) THENCE S.01°37'10"W., A DISTANCE OF 429.02 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE EAST WITH A RADIUS OF 1500.00 FEET: 3) THENCE SOUTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 17°36'44". A DISTANCE OF 461.09 FEET TO A POINT OF TANGENCY; 4) THENCE S.15°59'34"E., A DISTANCE OF 194.55 FEET; THENCE S.74°00'26"W., A DISTANCE OF 170.00 FEET; THENCE S.15°59'34"E., A DISTANCE OF 544.81 FEET TO A POIN' OF CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 590.00 FEET; THENCI SOUTHWESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 92°40'32", A DISTANCI OF 954.32 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 22860.00 FEET: THENCE WESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 00°18'52", A DISTANCE OF 125.43 FEET TO A POINT OF COMPOUND CURVATURE OF A CURV CONCAVE TO THE NORTH, WITH A RADIUS OF 1430.00 FEET; THENCE WESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 02°54'13", A DISTANCE OF 72.47 FEET TO A POINT OF REVERSI CURVATURE OF A CURVE CONCAVE TO THE SOUTH, WITH A RADIUS OF 250.00 FEET: THENCE WESTERL' ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 02°41'33". A DISTANCE OF 11.75 FEET T A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 22858.00 FEET; THENCE WESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 03°41'58", A DISTANCE OF 1475.91 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE SOUTH WITH A RADIUS OF 250.00 FEET; THENCE WESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRA ANGLE OF 01°59'03", A DISTANCE OF 8.66 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVI TO THE NORTH, WITH A RADIUS OF 2665.00 FEET; THENCE WESTERLY, ALONG THE ARC OF SAID CURVI THROUGH A CENTRAL ANGLE OF 02°15'22", A DISTANCE OF 104.94 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 765.00 FEET; THENCE WESTERL' ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 51°33'13", A DISTANCE OF 688.33 FEE TO A POINT OF TANGENCY; THENCE N.47°16'00"W., A DISTANCE OF 171.55 FEET TO A POINT O CURVATURE OF A CURVE CONCAVE TO THE EAST, WITH A RADIUS OF 815.00 FEET; THENCI NORTHWESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 05°48'49", A DISTANCI OF 82.70 FEET TO A NON-TANGENT INTERSECTION: THENCE N.48°32'49"E.. A DISTANCE OF 408.99 FEE THENCE S.41°53'56"E., A DISTANCE OF 174.29 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 450.00 FEET; THENCE EASTERLY, ALONG THE ARC OF SAID CURVI THROUGH A CENTRAL ANGLE OF 58°51'38". A DISTANCE OF 462.29 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 2305.00 FEET; THENCE EASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 03°06'26", A DISTANCE OF 125.00 FEE TO A POINT OF TANGENCY; THENCE N.76°08'00"E., A DISTANCE OF 717.09 FEET TO A POINT OF CURVATURI OF A CURVE CONCAVE TO THE SOUTH, WITH A RADIUS OF 1680.00 FEET; THENCE EASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 07°52'00", A DISTANCE OF 230.66 FEET TO A POIN OF TANGENCY; THENCE N.84°00'00"E., A DISTANCE OF 368.33 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 1070.00 FEET; THENCE EASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 07°00'10", A DISTANCE OF 130.78 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE NORTH. WITH A RADIUS OF 22500.00 FEE THENCE EASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 00°18'52", A DISTANCE OF 123.46 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE WEST WITH A RADIUS OF 230.00 FEET; THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 92°40'32". A DISTANCE OF 372.02 FEET TO A POINT OF TANGENCY: THENCE N.15°59'34"W.. A DISTANCE OF 104.89 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 820.00 FEET: THENCE NORTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 05°20'16". A DISTANCE OF 76.39 FEET TO A POINT OF TANGENCY: THENCE N.21°19'50"W.. A DISTANCE OF 160.05 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE EAST, WITH A RADIUS OF 1680.00 FEET: THENCE NORTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 10°40'32". A DISTANCE OF 313.02 FEET TO A POINT OF TANGENCY: THENCE N.10°39'18"W.. A DISTANCE OF 300.60 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE FAST, WITH A RADIUS OF 2195.00 FFFT: THENCE NORTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 07°09'18". A DISTANCE OF 274.11 FEET TO A POINT OF TANGENCY: THENCE N.03°30'00"W.. A DISTANCE OF 71.15 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 305.00 FEFT: THENCE NORTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 26°30'00". A DISTANCE OF 141.07 FFFT TO A POINT OF TANGENCY: THENCE N.30°00'00"W., A DISTANCE OF 206,21 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE WEST. WITH A RADIUS OF 1070.00 FEET: THENCE NORTHWESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 22°30'00". A DISTANCE OF 420.19 FEET TO A POINT OF TANGENCY: THENCE N.52°30'00"W., A DISTANCE OF 57.80 FEET; THENCE S.37°30'00"W., A DISTANCE OF 64.57 FEET THENCE N.52°30'00"W., A DISTANCE OF 223.00 FEET: THENCE N.37°30'00"E., A DISTANCE OF 18.42 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 50.00 FEFT. THENCE NORTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 84°55'10", A DISTANCE OF 74.11 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 930.00 FFFT: THENCE NORTHWESTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 01°56'48", A DISTANCE OF 31.60 FEET TO A NON-TANGENT INTERSECTION; THENCE N.44°31'38"E., A DISTANCE OF 150.00 FEET TO A NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE EAST WITH A RADIUS OF 780.00 FEET. AND A RADIAL BEARING OF N.44°31'38"E. AT SAID INTERSECTION: THENCE NORTHWESTERLY. ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 03°44'12". A DISTAN OF 50.87 FEET TO A NON-TANGENT INTERSECTION; THENCE N.48°15'50"E., A DISTANCE OF 210.92 FEET TO A NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE NORTH WITH A RADIUS OF 50.00 FEET, AND A RADIAL BEARING OF N.37°43'31"E. AT SAID INTERSECTION; THENCE EASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 112°01'18", A DISTANCE OF 97.76 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 320.00 FEET; THENCE NORTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 05°11'28", A DISTANCE OF 28.99 FEET TO A POINT OF TANGENCY; THENCE N.10°30'45"E., A DISTANCE OF 141.25 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE EAST, WITH A RADIUS OF 1180.00 FEET; THENCE NORTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 21°05'16", A DISTANCE OF 434.30 FEET TO A POINT OF TANGENCY; THENCE N.31°36'01"E., A DISTANCE OF 104.12 FEET; THENCE S.58°23'59"E., A DISTANCE OF 67.00 FEET; THENCE N.31°36'01"E., A DISTANCE OF 125.00 FEET; THENCE S.58°23'59"E., A DISTANCE OF 70.00 FEET; THENCE N.31°36'01"E., A DISTANCE OF 407.02 FEET; THENCE S.58°23'59"E., A DISTANCE OF 86.00 FEET; THENCE S.31°36'01"W., A DISTANCE OF 156.98 FEET; THENCE S.58°23'59"E., A DISTANCE OF 137.00 FEET; THENCE S.31°36'01"W., A DISTANCE OF 479.16 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE EAST, WITH A RADIUS OF 820.00 FEET; THENCE SOUTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 21°05'16", A DISTANCE OF 301.80 FEE TO A POINT OF TANGENCY; THENCE S.10°30'45"W., A DISTANCE OF 141.25 FEET; TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 680.00 FEET; THENCE SOUTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 20°22'24", A DISTANCE OF 241.80 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE EAST, WITH A RADIUS OF 50.00 FEET; THENCE SOUTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 78°33'59", A DISTANCE OF 68.56 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 1430.00 FEET; THENCE SOUTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 10°14'43", A DISTANCE OF 255.70 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 50.00 FEET; THENCE EASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 107°15'21". A DISTANCE OF 93.60 FEET TO A POINT OF

COMPOUND CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 355.00 FEET; THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 21°01'19", A DISTANCE OF 130.25 FEET TO A POINT OF TANGENCY; THENCE N.14°17'12"E., A DISTANCE OF 118.52 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE EAST. WITH A RADIUS OF 1755.00 FEET: THENCI NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 24°44'16", A DISTANCE OF 757.73 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE WEST. WITH A RADIUS OF 500.00 FEET: THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 13°55'32". A DISTANCE OF 121.52 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVI TO THE WEST, WITH A RADIUS OF 1500,00 FEET: THENCE NORTHERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 13°02'27". A DISTANCE OF 341.41 FEET TO A NON-TANGEN INTERSECTION WITH A CURVE CONCAVE TO THE NORTH WITH A RADIUS OF 1403.00 FEET, AND A RADIA BEARING OF N.15°57'06"E. AT SAID INTERSECTION: THENCE EASTERLY, ALONG THE ARC OF SAID CURVI THROUGH A CENTRAL ANGLE OF 06°42'44". A DISTANCE OF 164.36 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE WEST, WITH A RADIUS OF 12.00 FEFT. THENCE SOUTHEASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 87°46'21" A DISTANCE

OF 18.38 FEET TO A NOON-TANGENT INTERSECTION: THENCE S.82°59'18"E.. A DISTANCE OF 86.00 FEET TO A NON-TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE SOUTH WITH A RADIUS OF 12.00 FEFT AND A RADIAL BEARING OF \$.82°59'18"F. AT SAID INTERSECTION: THENCE NORTHEASTERLY, ALONG TH

ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 87°46'21". A DISTANCE OF 18.38 FEET: TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE NORTH, WITH A RADIUS OF 1403.00 FEET; THENCE EASTERLY, ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 06°39'14", A DISTANCE OF

CONTAINING: 3,466,038 SQUARE FEET OR 79.569 ACRES, MORE OR LESS.

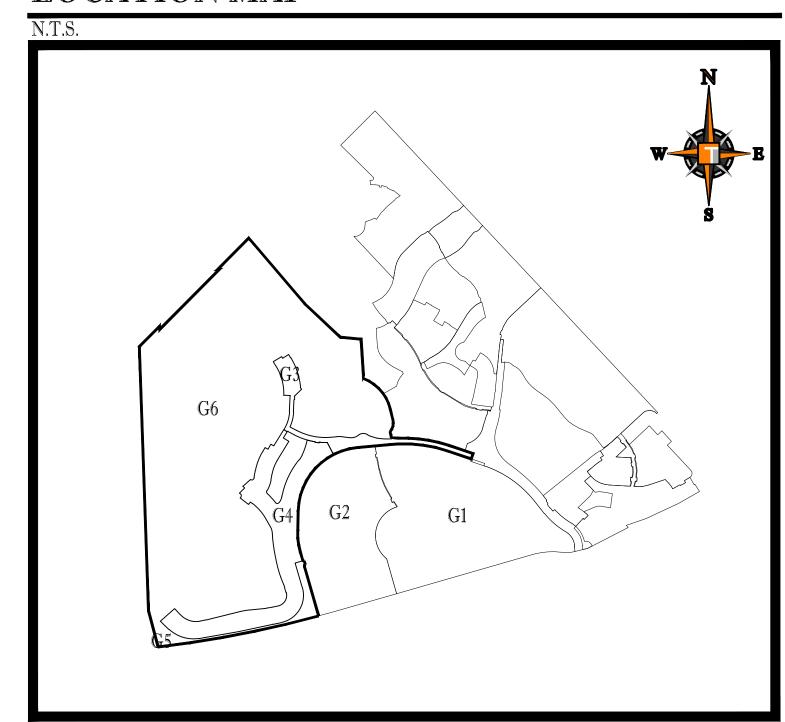
162.94 FEET TO **POINT OF BEGINNING**.

CONSTRUCTION PLANS FOR: POD G - PLAT 4 RESIDENTIAL LOTS

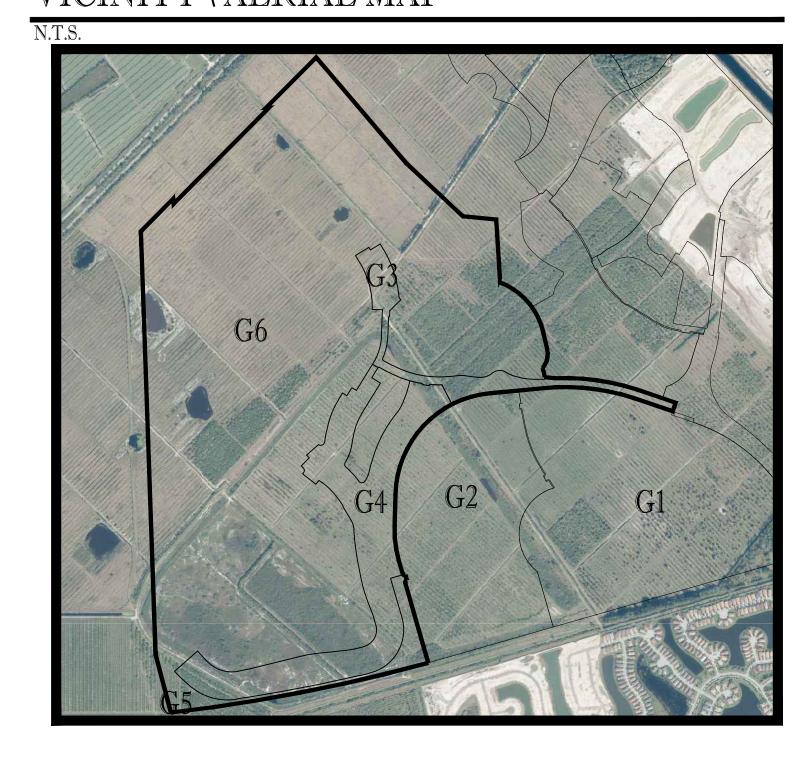
OWNER:

VERANO DEVELOPMENT, LLC

LOCATION MAP



VICINITY\AERIAL MAP



PROJECT TEAM

APPLICANT:

VERANO DEVELOPEMENT LLC 10911 S.W. VISCONTI WAY PORT ST LUCIE, FL 34986 CONTACT: SCOTT MORTON

LANDSCAPE ARCHITECT/PLANNER:

COTLEUR & HEARING, INC. 1934 COMMERCE LANE, SUITE 1 JUPITER, FL 33458 561.747.6336 CONTACT: DAN SORROW

ENGINEER:

THOMAS ENGINEERING GROUP 125 WEST INDIANTOWN ROAD SUITE 206 JUPITER, FL 33458 CONTACT: BRANDON ULMER, PE

SURVEYOR:

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

ENGINEERING

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

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

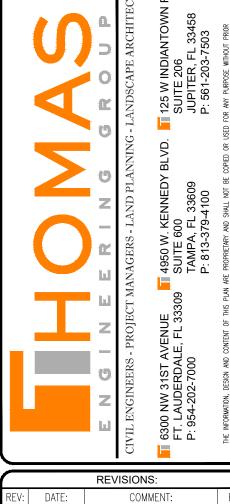
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C-02(G4)	GENERAL NOTES
C-03A(G4)	KEY SHEET
C-03B(G4)	KEY SHEET
C-04(G4)	PGD PLAN
C-05(G4)	PGD PLAN
C-06(G4)	PGD PLAN
C-07(G4)	PGD PLAN
C-08(G4)	PGD PLAN
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C-34(G4)	UTILITY DETAILS
C-35(G4)	SWPPP

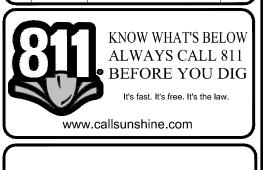
THE PROPERTY OWNER, CONTRACTOR, AND AUTHORIZED REPRESENTATIVES SHALL PROVIDE PICKUP. REMOVAL. AND DISPOSAL OF LITTER WITHIN THE PROJECT LINE WITHIN THE CITY'S RIGHT-OF-WAY IN ACCORDANCE WITH CITY CODE, SECTION 41.08 (G)

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: 11-652-36I



	INL V.	DAIL.	COMMENT.	D1.
	1	10-5-21	REV PER SPRC	MJL
	2	12-3-21	BID SET	BU
	3	3-2-22	SHOP DRAWING REVIEW	BU
	4	4-27-22	SHOP DRAWING REVIEW	BU
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FJ160006-COVER-SHEET

VERANO SOUTH POD G - PLAT 4

RESIDENTIAL LOTS VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA



www.ThomasEngineeringGroup.com



COVER SHEET

PORT ST. LUCIE PROJECT NO: P22-213

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

- BOUNDARY SURVEY - GEOPOINT

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.

3. 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.

4. 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 GEOPOINT, 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.

4. 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

17. 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 SYSTEM

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.

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.

B. MATERIALS

. 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.

. 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 PREVENTION:

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.

ALL ROCK "AS-BUILTS" FOR PARKING LOT AREAS SHALL CONSIST OF THE FOLLOWING: ROCK ELEVATIONS AT ALL HIGH AND LOW POINTS, AND AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE

CONSISTENCY. 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/SOE 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:

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 AL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN.

2. 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 requirement shall apply

88 F. Y.

REVISIONS COMMENT: **REV PER SPRC** BID SET

10-5-21 2 12-3-21 3-2-22 SHOP DRAWING REVIEW BL 4 4-27-22 SHOP DRAWING REVIEW BI



PROJECT No.

CAD I.D.: FJ160006-GENERAL-NOTES

VERANO SOUTH

POD G - PLAT 4

DRAWN BY:

CHECKED BY:

RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com

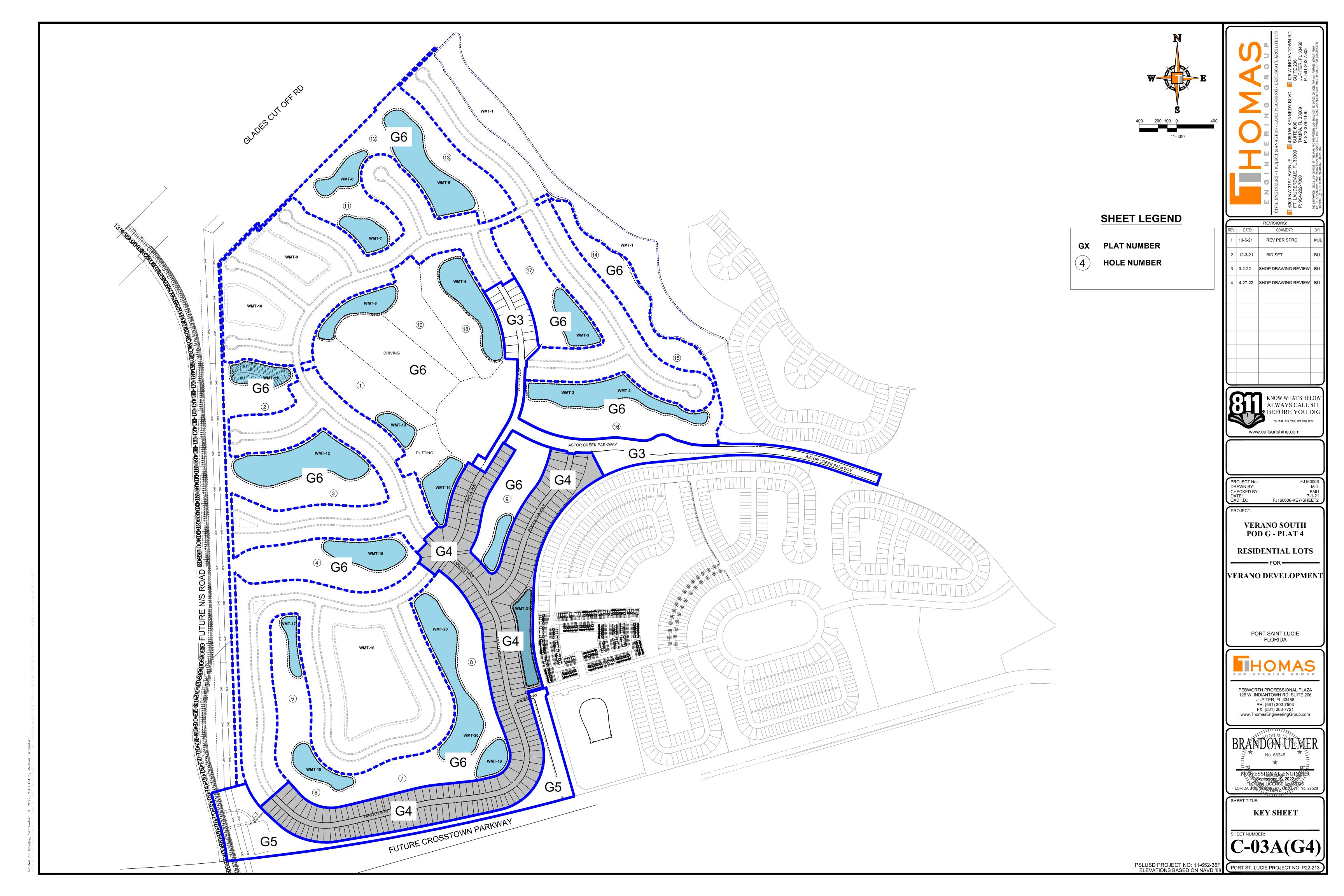


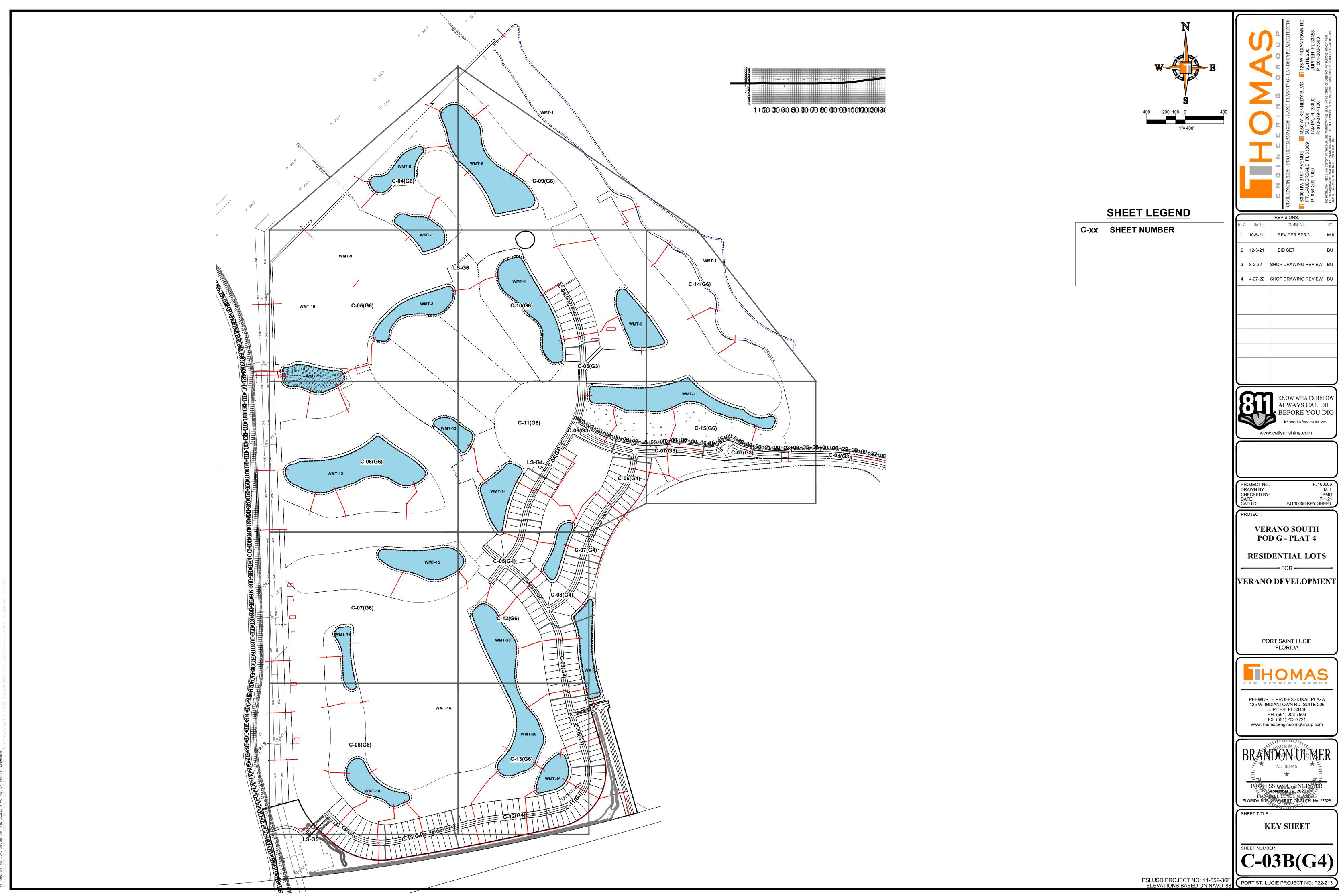
GENERAL NOTES

PORT ST. LUCIE PROJECT NO: P22-213

PSLUSD PROJECT NO: 11-652-36F

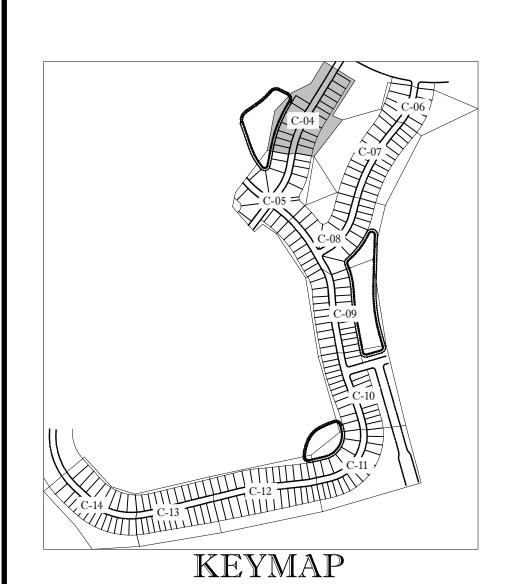
FLEVATIONS BASED ON NAVD '88





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

ENVIRONMENTAL ASSESSMENT HAS BEEN ADDRESSED UNDER THE OVERALL DRI THEREFORE NO ADDITIONAL ENVIRONMENTAL REPORT IS REQUIRED



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 Ť			
LOT NUMBER / FINISH FLOOR	<u>49</u> <u>26.45</u>			
24" STOP BAR AND STOP SIGN	- v -			

CONSTRUCT	CION	NOT	ES:
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NECESSARY FOR COMPLETION OF THE WORK.

- 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 PROPOSED.
 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
- 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

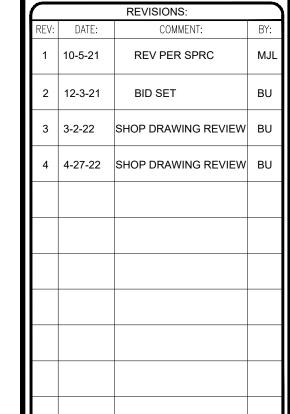
PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF

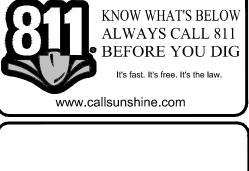
- AT NO ADDITIONAL COST TO THE OWNER.
 NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770) OR (811) PRIOR TO CONSTRUCTION.
- 10. PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS.
 11. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS

BASIN SUMMARY				
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor	
2A				
THRU	24.5 (NAVD)	24.5 (NAVD)	26.0 (NAVD)	
2J				









PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-PGD-PLANS

PROJECT:

VERANO SOUTH POD G - PLAT 4 RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com



PGD PLAN

SHEET NUMBER:

C-04(G4

PSLUSD PROJECT NO: 11-652-36F ELEVATIONS BASED ON NAVD '88 PORT ST. LUCIE PROJECT NO: P22-213

BASIN SUMMARY					
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor		
2A					
THRU	24.5 (NAVD)	24.5 (NAVD)	26.0 (NAVD)		
2J					

ALL POD G PLATS AND SITE PLANS ARE WITHIN BASIN 2



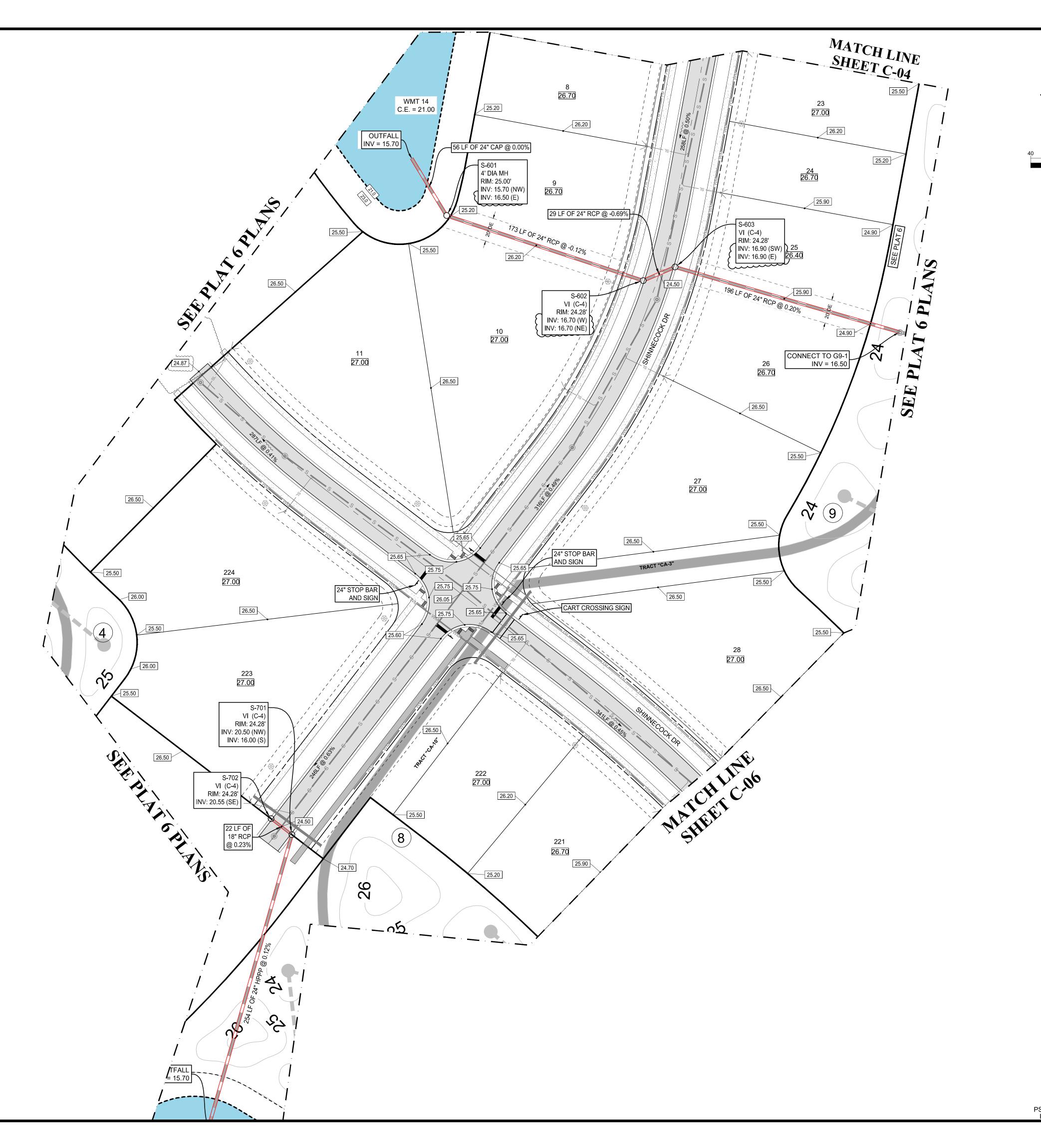
ENGINEERI	NG LEGEND
WATER MAIN	
STORM SEWER	
SANITARY SEWER MAIN	ss
FORCE MAIN	
CATCH BASIN	
MANHOLE	6
PROPOSED ELEVATION	
FIRE HYDRANT	+
DECORATIVE LIGHTING	
RIGHT OF WAY / CUE /UE	
WATER SERVICE	Y
SEWER SERVICE	¥
LOT NUMBER / FINISH FLOOR	(49) 26.45
24" STOP BAR AND STOP SIGN	-v-

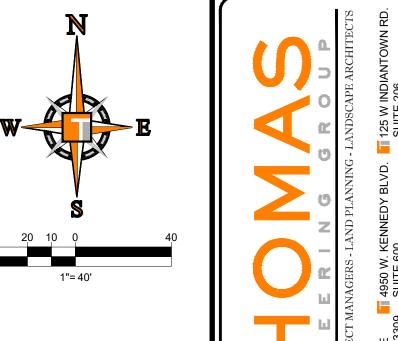
CONSTRUCTION NOTES:

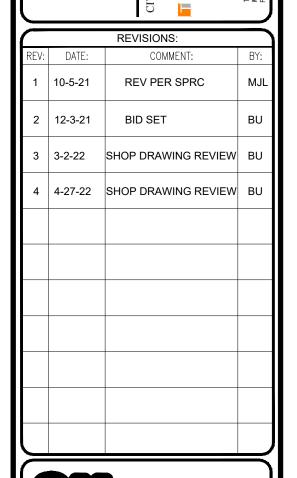
THE PROPOSED LANDSCAPED AREA.

- 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
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- COMES LAST. ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
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- 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.









DRAWN BY:

CHECKED BY: DATE: FJ160006-PGD-PLANS PROJECT: **VERANO SOUTH** POD G - PLAT 4 RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



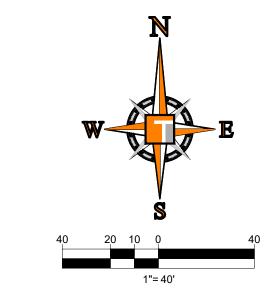
PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com



PGD PLAN



ALL POD G PLATS AND SITE PLANS ARE WITHIN BASIN 2



REV	/ISIONS:	=
E R C - N E E R - N G	CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS 6300 NW 31ST AVENUE 1 4950 W. KENNEDY BLVD. 1 125 W INDIANTOWN REFT. LAUDERDALE, FL 33309 SUITE 600 FT. LAUDERDALE, FL 33309 TAMPA, FL 33609 JUPITER, FL 33458 F: 954-202-7000 P: 813-379-4100 P: 561-203-7503	THE INFORMATION, DESIGN AND CONTENT OF THIS PLAN ARE PROPRIETARY AND SHALL NOT BE COPIED OR USED FOR ANY PURPOSE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THOMAS ENGINEERING GROUP, LLC. ONLY APPROVED, SIGNED AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION PURPOSES (©) 2015 THOMAS ENGINEERING GROUP, LLC.
> 0 N	IAGERS - LAND PLANNIN 4950 W. KENNEDY BLVE SUITE 600 TAMPA, FL 33609 P: 813-379-4100	ROPRIETARY AND SHALL NOT BE COPIED OF LC. ONLY APPROVED, SIGNED AND SEALED I
Q 2 C C C C C C C C C C C C C C C C C C	ANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS 4950 W. KENNEDY BLVD. 125 W INDIANTOWN RESUITE 600 501TE 600 501TE 600 501TE 600 501TE 7503 501TE 7503	USED FOR ANY PURPOSE WITHOUT PRIOR LANS SHALL BE UTILIZED FOR CONSTRUCTION

		CI.	->4
$\overline{}$		REVISIONS:	
REV:	DATE:	COMMENT:	BY:
1	10-5-21	REV PER SPRC	MJL
2	12-3-21	BID SET	BU
3	3-2-22	SHOP DRAWING REVIEW	BU
4	4-27-22	SHOP DRAWING REVIEW	BU



PROJECT No.: DRAWN BY: CHECKED BY: DATE: CAD I.D.:	FJ160006 MJL BMU 7-1-21 FJ160006-PGD-PLANS
PROJECT:	

VERANO SOUTH POD G - PLAT 4 RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com

PROFESSIONAL ENGINEER FLORIDA LICENSE NO 68345 FLORIDA BUSINAS GERT. OF ALUH. No. 27528

PGD PLAN

C-14 C-13 THE C-13 THE LIBERT C-14 C-13 THE LIBERT C-15 THE LI	C-10 C-11 C-11 MAP	SEE PLAT 3 PLANS 51	
ENGINEERI	NG LEGEND	$ \frac{1}{2} $	
WATER MAIN		24 LF OF 24" RCP @ 0.21%	
STORM SEWER			
SANITARY SEWER MAIN	ss	50 26.40 S-902 VI (C-4) VI (C-4) S-902 S-902 VI (C-4) S-902 S	
FORCE MAIN	—— FM ——— FM ———		
CATCH BASIN		RIM: 24.68'	
MANHOLE		25.20 S-904 TYPE D DBI	,
PROPOSED ELEVATION		49 25.60 RIM: 24.30' INV: 19.20 (W) INV: 19.20 (E) INV: 20.80 (S) TYPE D DBI	
FIRE HYDRANT	+	TYPE D DBI RIM: 24.50' INV: 20.80 (N) INV: 19.00 (W) INV: 19.00 (SE)	
DECORATIVE LIGHTING		$ \begin{array}{c} 1 \rightarrow 2550 \\ \hline \end{array} $	
RIGHT OF WAY / CUE /UE		54 PG 40 YD-02 YARD DRAIN CONNECT TO EXIST INLET	***
WATER SERVICE	Y	48 [NN: 24.30'] 10 [NN: 21.20 (N)] 48 [NN: 24.30'] 10 [NV: 21.20 (N)]	
SEWER SERVICE	¥ •	26.50 [NV: 21.20 (N)]	`,
LOT NUMBER / FINISH FLOOR	(49) [26.45]		
24" STOP BAR AND STOP SIGN	<u> </u>	55 26.70 YD-03 YARD DRAIN	
		MATCH LINE SHEET C-07 25.20 VD-04 VARD DRAIN RIM: 24.90 RIM: 24.90 VD-04 VARD DRAIN	

INV: 22.00 (NE)

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.

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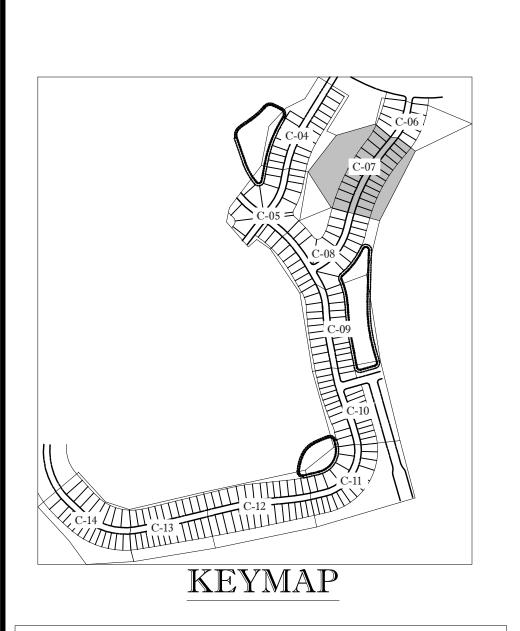
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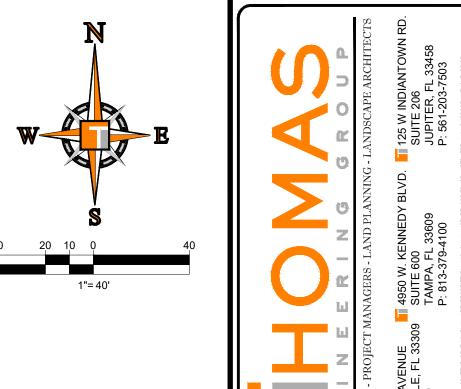


	ENGINEERI	NG LEGEND
	WATER MAIN	
	STORM SEWER	
	SANITARY SEWER MAIN	ss
	FORCE MAIN	——— FM ——— FM ———
	CATCH BASIN	
	MANHOLE	
	PROPOSED ELEVATION	-
	FIRE HYDRANT	+
	DECORATIVE LIGHTING	
I	RIGHT OF WAY / CUE /UE	
	WATER SERVICE	Y
	SEWER SERVICE	Ť Ì
	LOT NUMBER / FINISH FLOOR	<u>49</u> <u>26.45</u>
	24"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

NECESSARY FOR COMPLETION OF THE WORK.

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REVISIONS:			
REV:	DATE: COMMENT:		BY:
1	10-5-21	REV PER SPRC	MJL
2	12-3-21	BID SET	BU
3	3-2-22	SHOP DRAWING REVIEW	BU
4	4-27-22	SHOP DRAWING REVIEW	BU



PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-PGD-PLANS

PROJECT:

VERANO SOUTH

POD G - PLAT 4

RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA



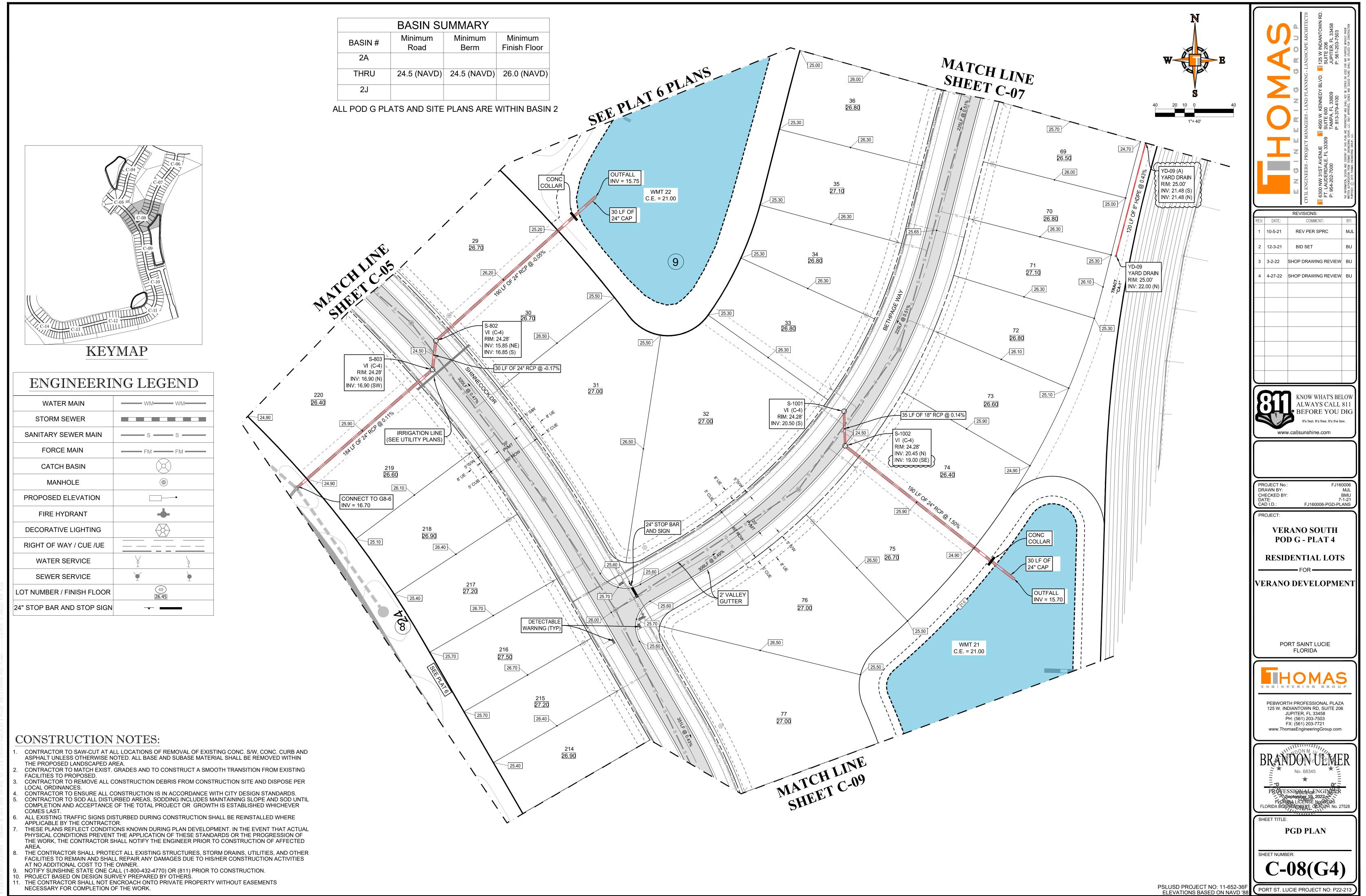
PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com



PGD PLAN

FET NUMBER:

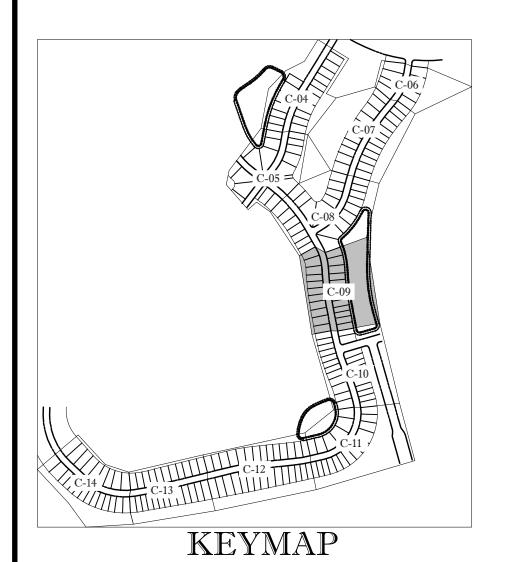
C-07(G4)



Printed on Monday, September 19, 2022, 2:41 PM by Michael Lepelletier R. VROLTER 2021/5-1210019 — VERANO 18 HOLE GOLF COURSE, ST. LUCIE COUN

	BASIN SU	JMMARY	
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor
2A			
THRU	24.5 (NAVD)	24.5 (NAVD)	26.0 (NAVD)
2J			

ALL POD G PLATS AND SITE PLANS ARE WITHIN BASIN 2



ENGINEERING LEGEND WATER MAIN STORM SEWER SANITARY SEWER MAIN FORCE MAIN **CATCH BASIN** MANHOLE • PROPOSED ELEVATION FIRE HYDRANT DECORATIVE LIGHTING RIGHT OF WAY / CUE /UE WATER SERVICE SEWER SERVICE

CONSTRUCTION NOTES:

LOT NUMBER / FINISH FLOOR

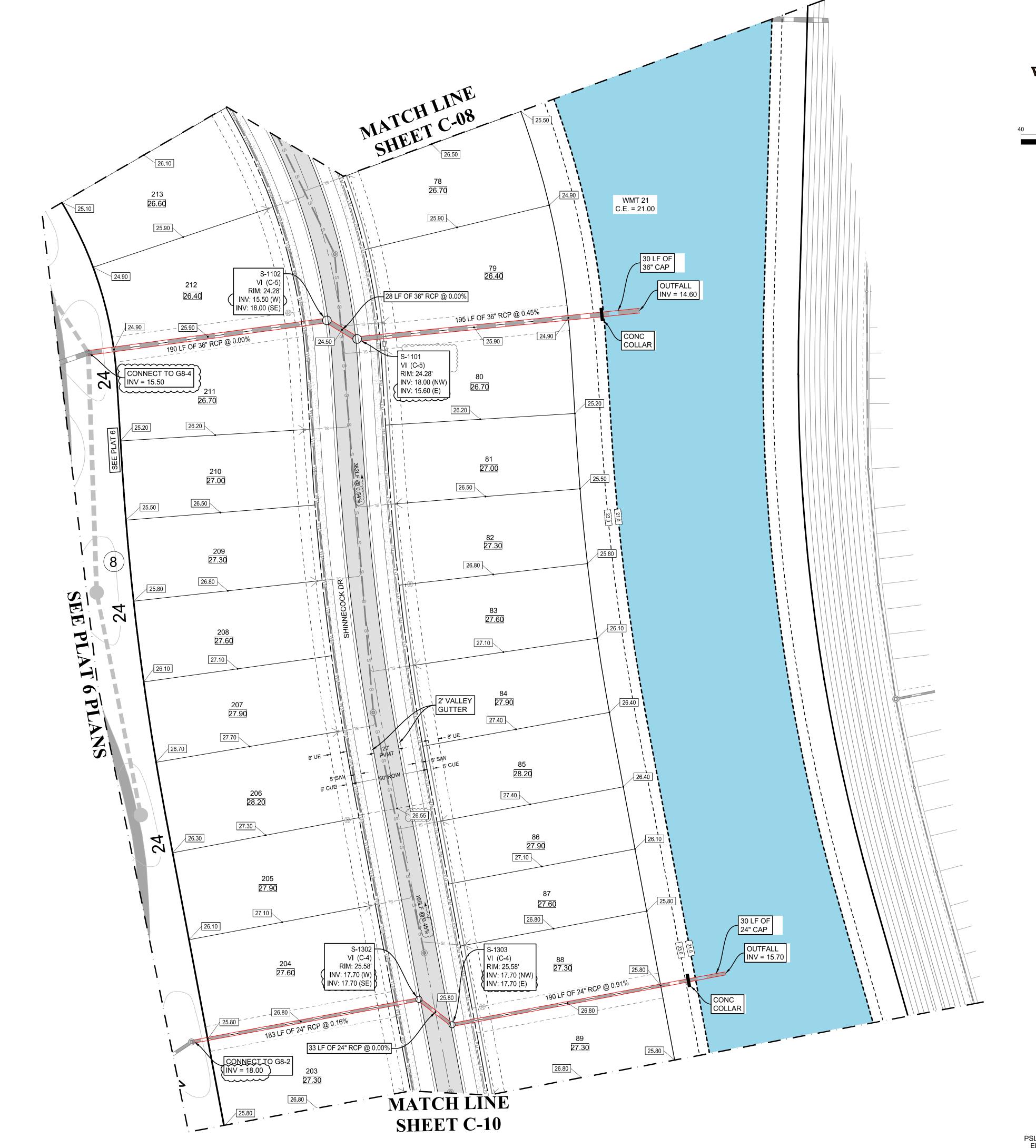
24" STOP BAR AND STOP SIGN

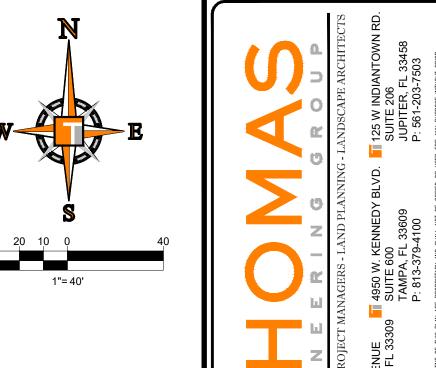
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	REVISIONS:		
REV:	DATE:	COMMENT:	BY:
1	10-5-21	REV PER SPRC	MJL
2	12-3-21	BID SET	BU
3	3-2-22	SHOP DRAWING REVIEW	BU
4	4-27-22	SHOP DRAWING REVIEW	BU



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

> VERANO SOUTH POD G - PLAT 4

RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com



PGD PLAN

PORT ST. LUCIE PROJECT NO: P22-213

	BASIN SU	JMMARY	
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor
2A			
THRU	24.5 (NAVD)	24.5 (NAVD)	26.0 (NAVD)
2J			

ALL POD G PLATS AND SITE PLANS ARE WITHIN BASIN 2



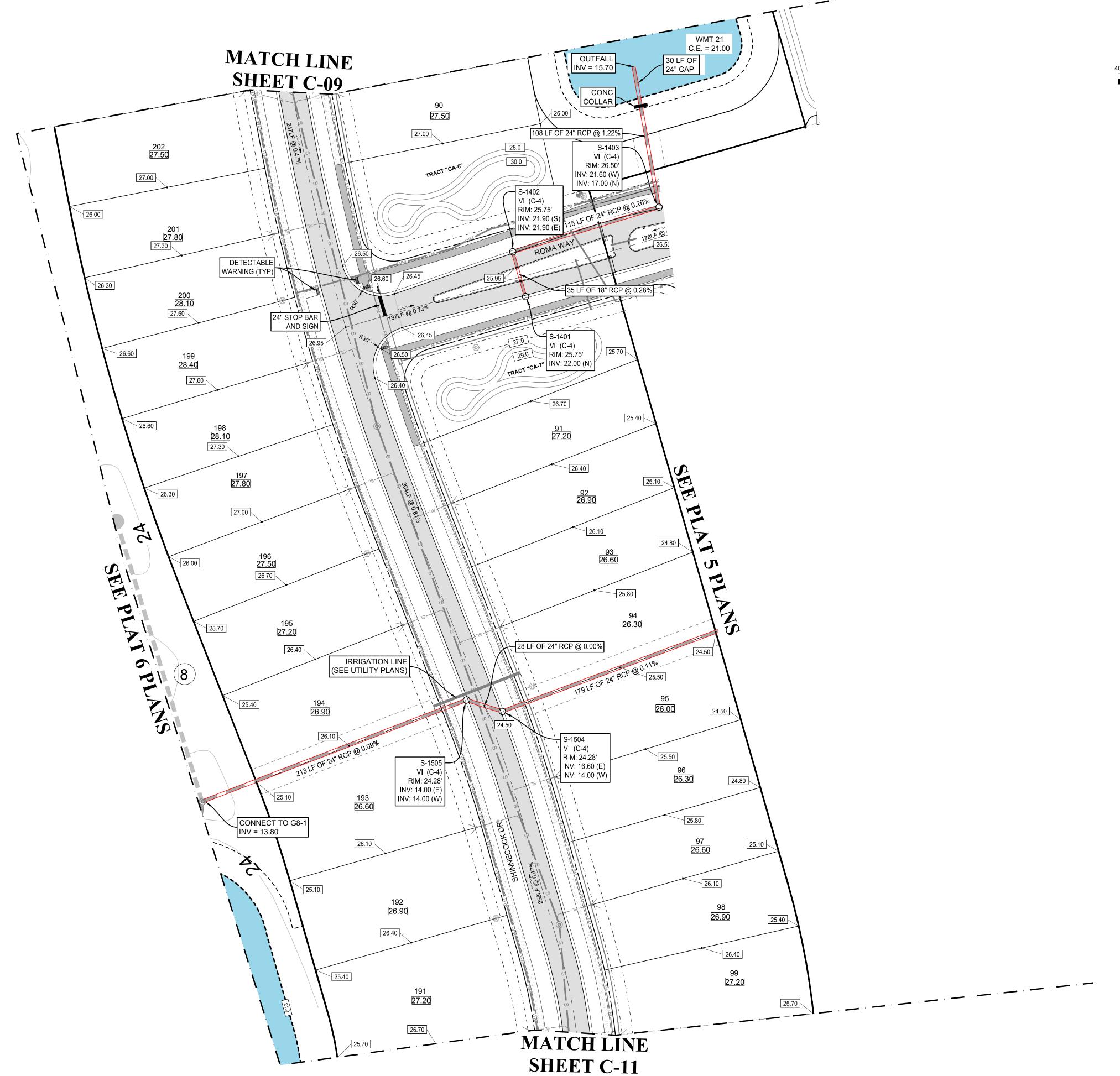
ENGINEERI	NG LEGEND
WATER MAIN	

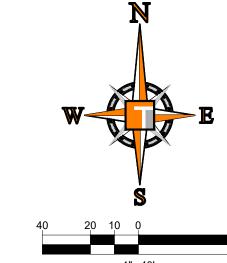
WATER MAIN	
STORM SEWER	
SANITARY SEWER MAIN	ss
FORCE MAIN	—— FM —— FM ——
CATCH BASIN	
MANHOLE	
PROPOSED ELEVATION	•
FIRE HYDRANT	+
DECORATIVE LIGHTING	
RIGHT OF WAY / CUE /UE	
WATER SERVICE	Y
SEWER SERVICE	¥ }
LOT NUMBER / FINISH FLOOR	<u>49</u> 26.45
24" STOP BAR AND STOP SIGN	-v-

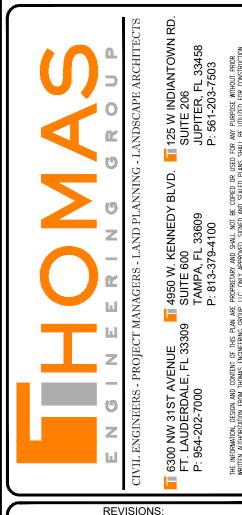
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REVISIONS:				
REV:	V: DATE: COMMENT:		BY:	
1	10-5-21	REV PER SPRC	MJL	
2	12-3-21	BID SET	BU	
3	3-2-22	SHOP DRAWING REVIEW	BU	
4	4-27-22	SHOP DRAWING REVIEW	BU	



OJECT No.:	FJ160006
AWN BY:	MJL
ECKED BY: TE:	BMU 7-1-21
D I.D.:	FJ160006-PGD-PLANS
O IFOT	
OJECT:	

VERANO SOUTH POD G - PLAT 4 RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com

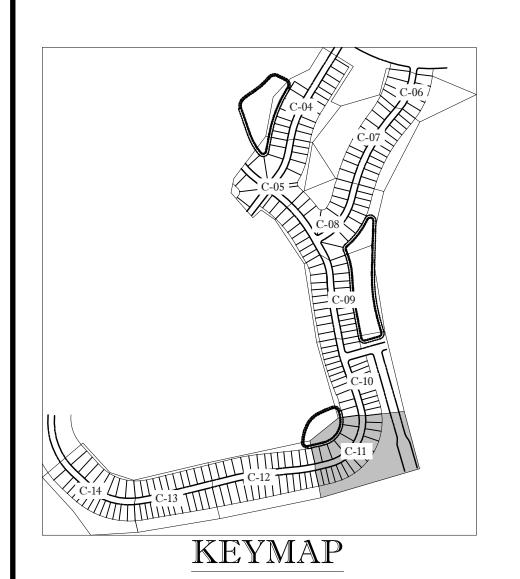


PGD PLAN

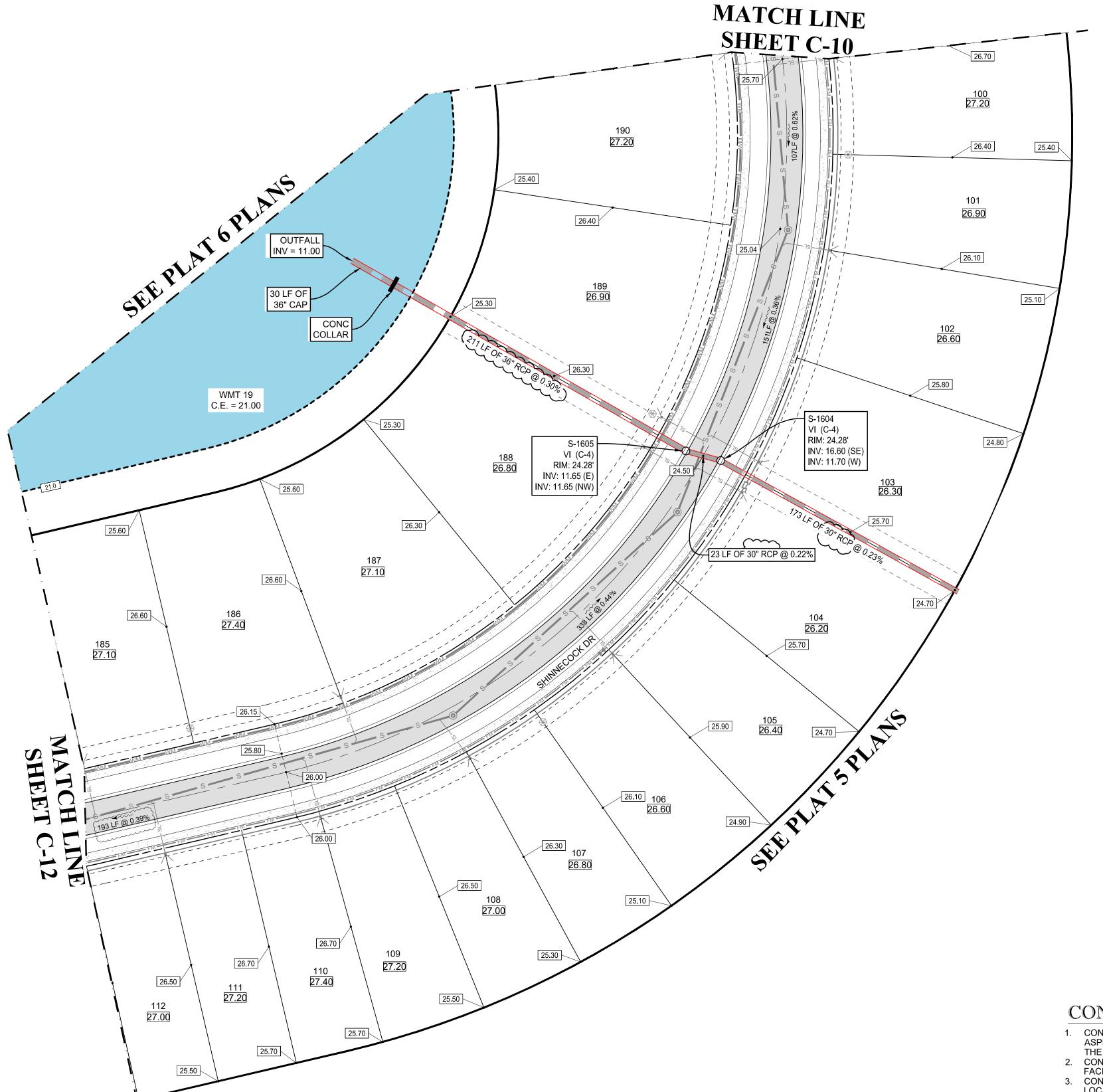
C-10(C

	BASIN SU	JMMARY	
BASIN#	Minimum Road	Minimum Berm	Minimum Finish Floor
2A			
THRU	24.5 (NAVD)	24.5 (NAVD)	26.0 (NAVD)
2J			

ALL POD G PLATS AND SITE PLANS ARE WITHIN BASIN 2



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	Y
SEWER SERVICE	Ť Ì
LOT NUMBER / FINISH FLOOR	<u>49</u> 26.45
24" STOP BAR AND STOP SIGN	-



REVISIONS:				
REV:	REV: DATE: COMMENT:		BY:	
1	10-5-21	REV PER SPRC	MJL	
2	12-3-21	BID SET	BU	
3	3-2-22	SHOP DRAWING REVIEW	BU	
4	4-27-22	SHOP DRAWING REVIEW	BU	

KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG It's fast. It's free. It's the law. www.callsunshine.com

PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-PGD-PLANS

OJECT:

VERANO SOUTH

POD G - PLAT 4

RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA



PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com

BRANDON WEMER

No. 68345

PROFESSIONAL ENGINEER

PROFESSIONA LOENGINGER
September 19, 2022
FLORIDA LICENSE NO 08325
FLORIDA BUSINESSAFRT, CEAUTH, No. 27528

PGD PLAN

C-11(G4

CONSTRUCTION NOTES:

1 CONTRACTOR TO SAW CUIT AT ALL LOCATIONS OF REMOVE

10. PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS.

- 1. 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.
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- FACILITIES TO PROPOSED.

 3. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER
- LOCAL ORDINANCES.

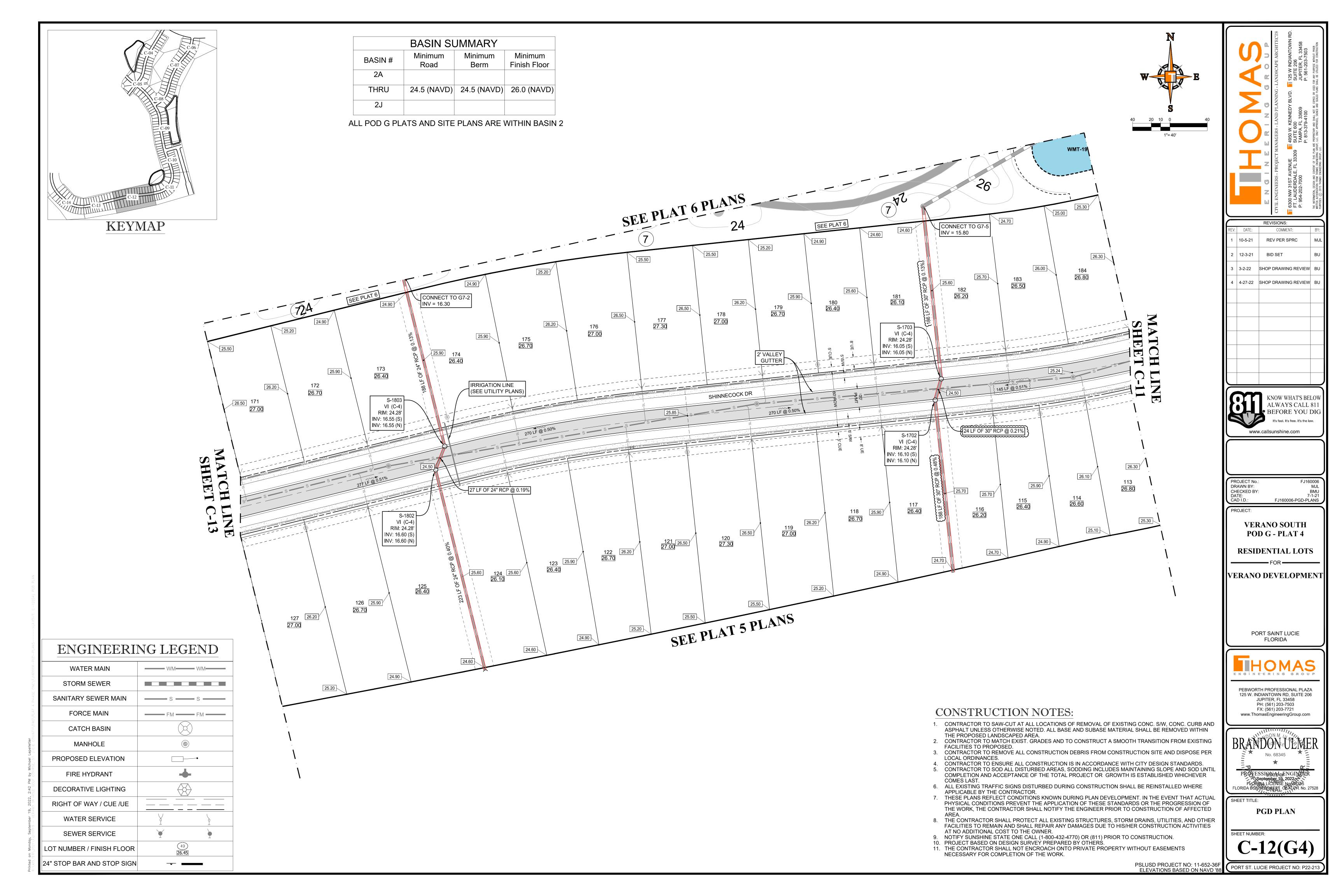
 4. CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY DESIGN STANDARDS.

 5. 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
- 6. ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE
- APPLICABLE BY THE CONTRACTOR.

 7. 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
- 8. 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
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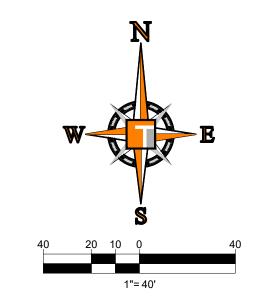
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- 11. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.

PSLUSD PROJECT NO: 11-652-36F ELEVATIONS BASED ON NAVD '88 PORT ST. LUCIE PROJECT NO: P22-213





ALL POD G PLATS AND SITE PLANS ARE WITHIN BASIN 2



C-04	>
C-05	
C-08	
C-09	
C-11 C-12 C-13 C-13 C-13 C-13 C-13 C-14 C-15 C-15 C-15 C-15 C-15 C-15 C-15 C-15	
KEYMAP	

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	Y
SEWER SERVICE	*
LOT NUMBER / FINISH FLOOR	49 26.45
24" STOP BAR AND STOP SIGN	-v-

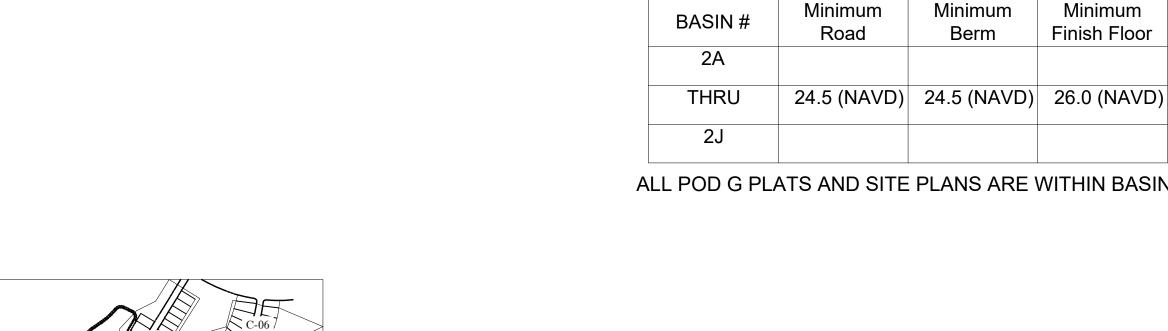
SEE PLAT 6 PLANS 22.00	25.50 170 27.30 26.50 170 27.30 27.30 27.30 25.9
## 12	128 26.20 130 26.70 25.50 25.50 25.50

THE PROPOSED LANDSCAPED AREA.

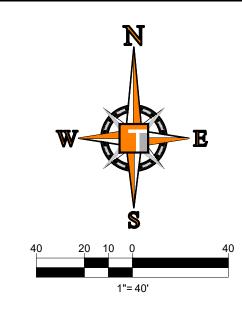
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REV PER SPRC 2 12-3-21 3 3-2-22 SHOP DRAWING REVIEW B 4 4-27-22 SHOP DRAWING REVIEW B www.callsunshine.com PROJECT No.: DRAWN BY: CHECKED BY: DATE: CAD I.D.: FJ160006-PGD-PLANS PROJECT: **VERANO SOUTH** POD G - PLAT 4 RESIDENTIAL LOTS VERANO DEVELOPMENT PORT SAINT LUCIE FLORIDA PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com No. 68345 PROTESSIONALOENGINEER September 19, 2022 FLORIDA LICENSE NO 68335 FLORIDA BUSINES GERT. CEAUTH. No. 27528 **PGD PLAN** PSLUSD PROJECT NO: 11-652-36F ELEVATIONS BASED ON NAVD '88 PORT ST. LUCIE PROJECT NO: P22-213



BASIN SUMMARY



25.70

S-2003 VI (C-4)

RIM: 24.28' INV: 15.95 (SE) INV: 15.95 (N)

> S-2002 VI (C-4) RIM: 24.28'

26.30

26.10

INV: 16.00 (S) INV: 16.00 (NW)

25.50

L		FI Z	CIVIL ENGIN	6300 NW 3 FT. LAUDE P: 954-202	THE INFORMATION, DE WRITTEN AUTHORIZATIC PURPOSES © 2015
		REV	ISIONS	S:	
REV:	DATE:		COM	MENT:	BY:
1	10-5-21	RE	V PER	SPRC	MJL
2	12-3-21	ВІГ	SET		BU
3	3-2-22	SHOP DRAWING REVIEW		BU	
4	4-27-22	SHOP DRAWING REVIEW		BU	



PROJECT No.: DRAWN BY: CHECKED BY: DATE: CAD I.D.:	FJ160006 MJL BMU 7-1-21 FJ160006-PGD-PLANS

VERANO SOUTH POD G - PLAT 4 RESIDENTIAL LOTS

PROJECT:

VERANO DEVELOPMENT

PORT SAINT LUCIE



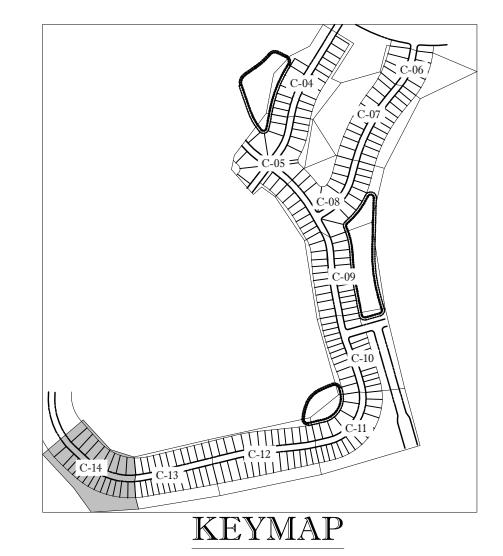
FLORIDA

PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com



PGD PLAN

PSLUSD PROJECT NO: 11-652-36F ELEVATIONS BASED ON NAVD '88

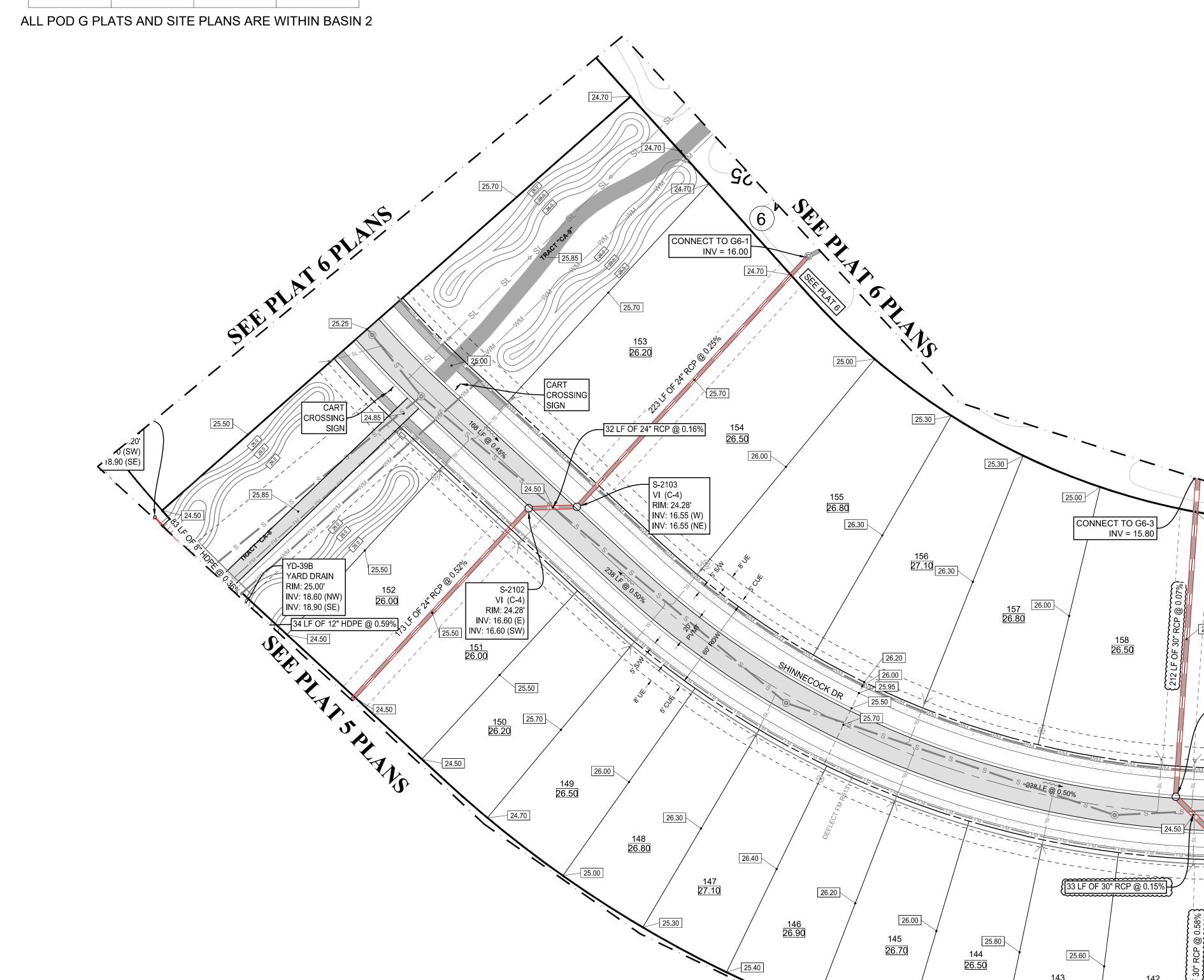


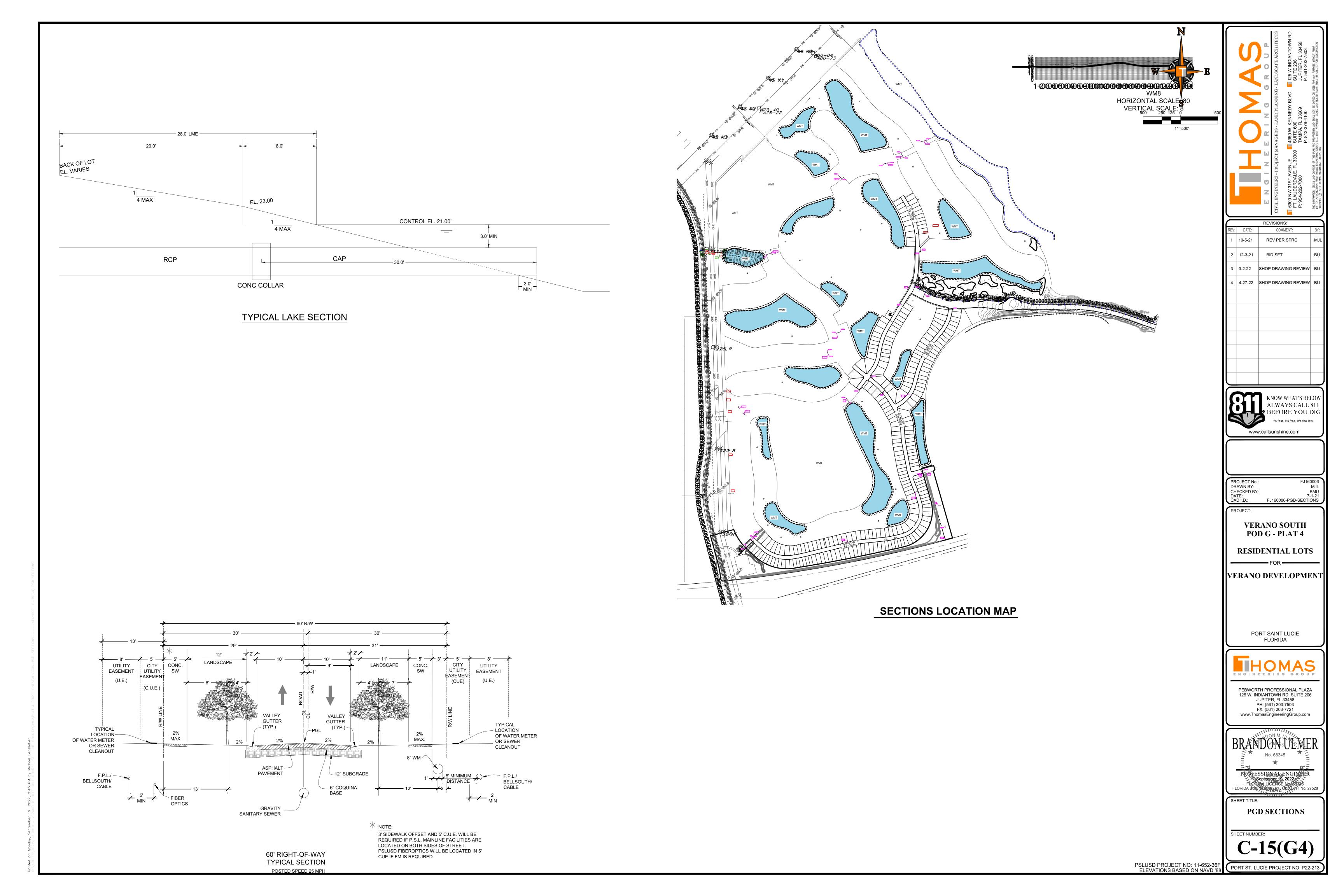
ENGINEERI	NG LEGEND
WATER MAIN	
STORM SEWER	
SANITARY SEWER MAIN	ss
FORCE MAIN	
CATCH BASIN	
MANHOLE	6
PROPOSED ELEVATION	
FIRE HYDRANT	+
DECORATIVE LIGHTING	
RIGHT OF WAY / CUE /UE	
WATER SERVICE	Y
SEWER SERVICE	¥
LOT NUMBER / FINISH FLOOR	49) 26.45
24" STOP BAR AND STOP SIGN	

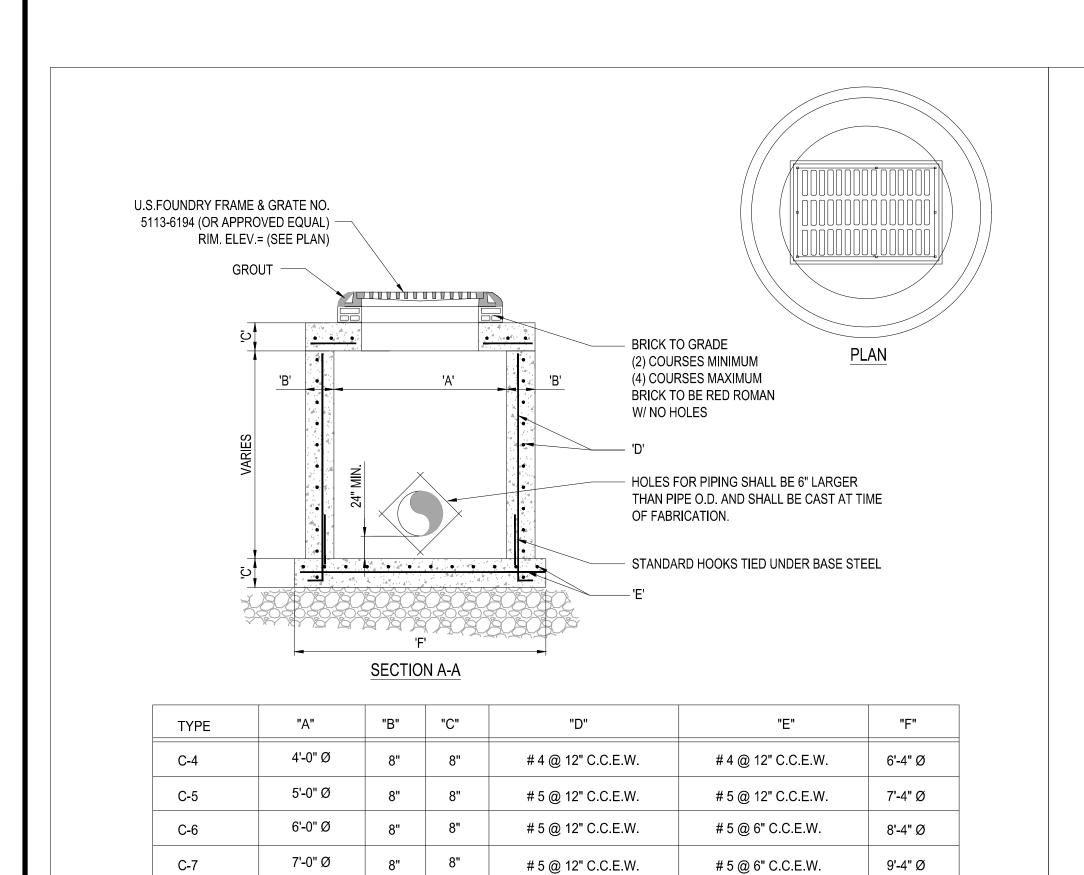
CONSTRUCTION	NOTES:

THE PROPOSED LANDSCAPED AREA.

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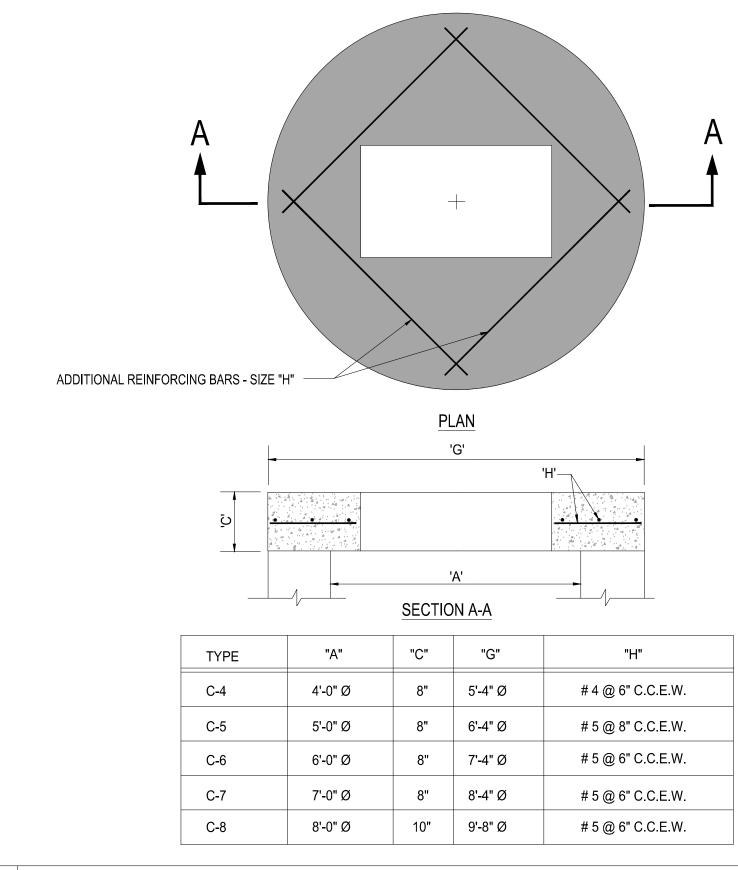


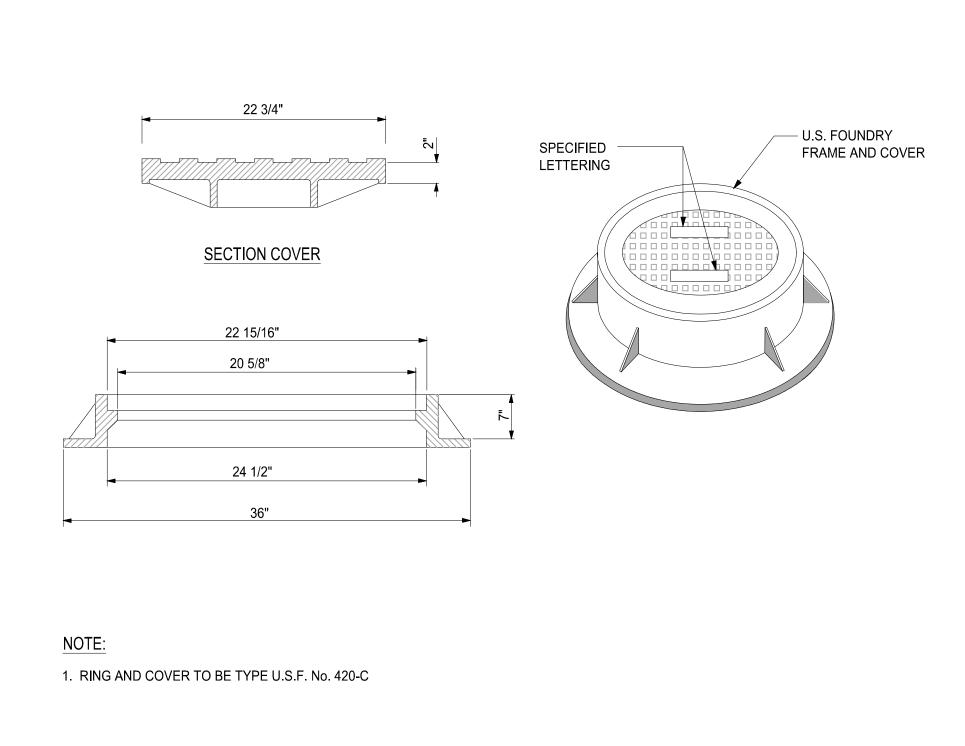


2- W.W.M. w/ # 4 @ 12" C.C. VERT

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

10'-8" Ø





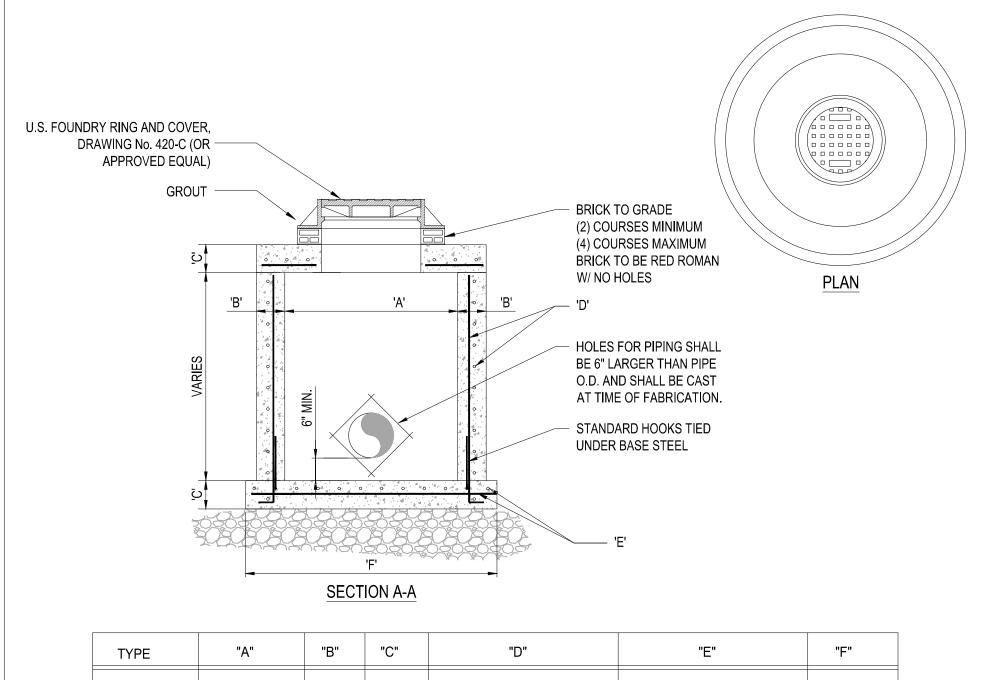


10"

10"

8'-0" Ø

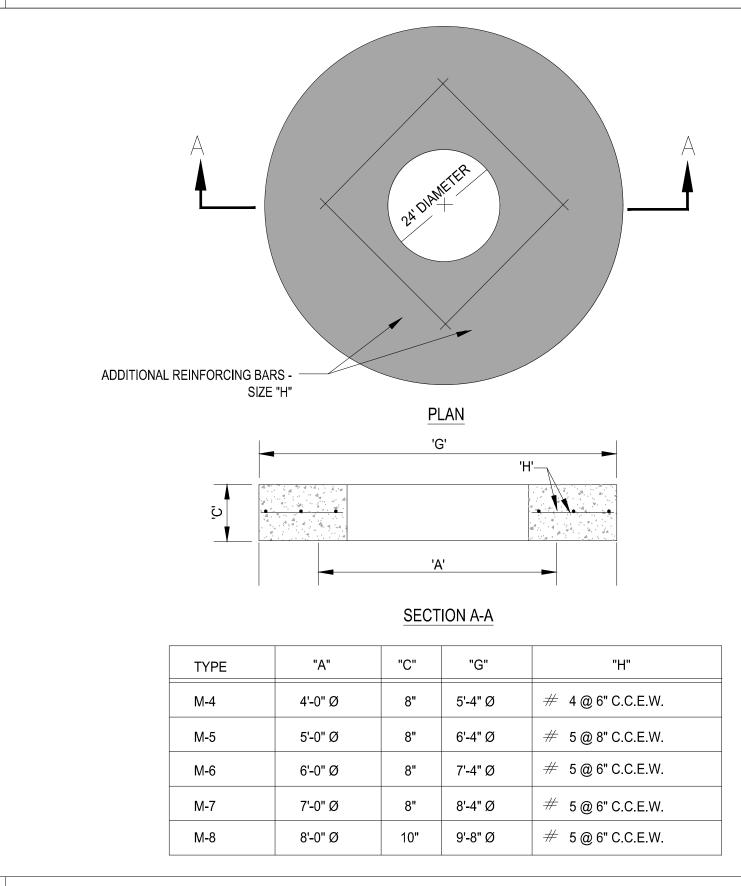
C-8



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 #	# 5@6" C.C.E.W.	10'-8" Ø

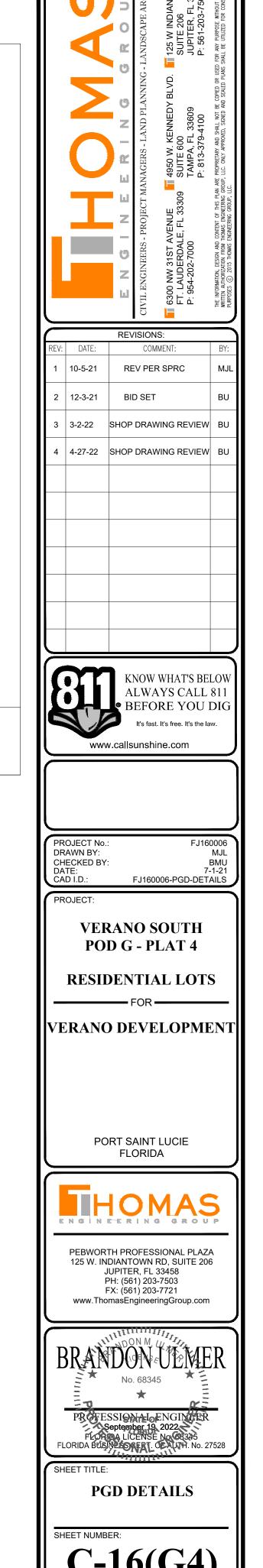
PRECAST CIRCULAR DRAINAGE MANHOLE SCALE: NONE

PRECAST CONCRETE-TOP SLAB SCALE: NONE

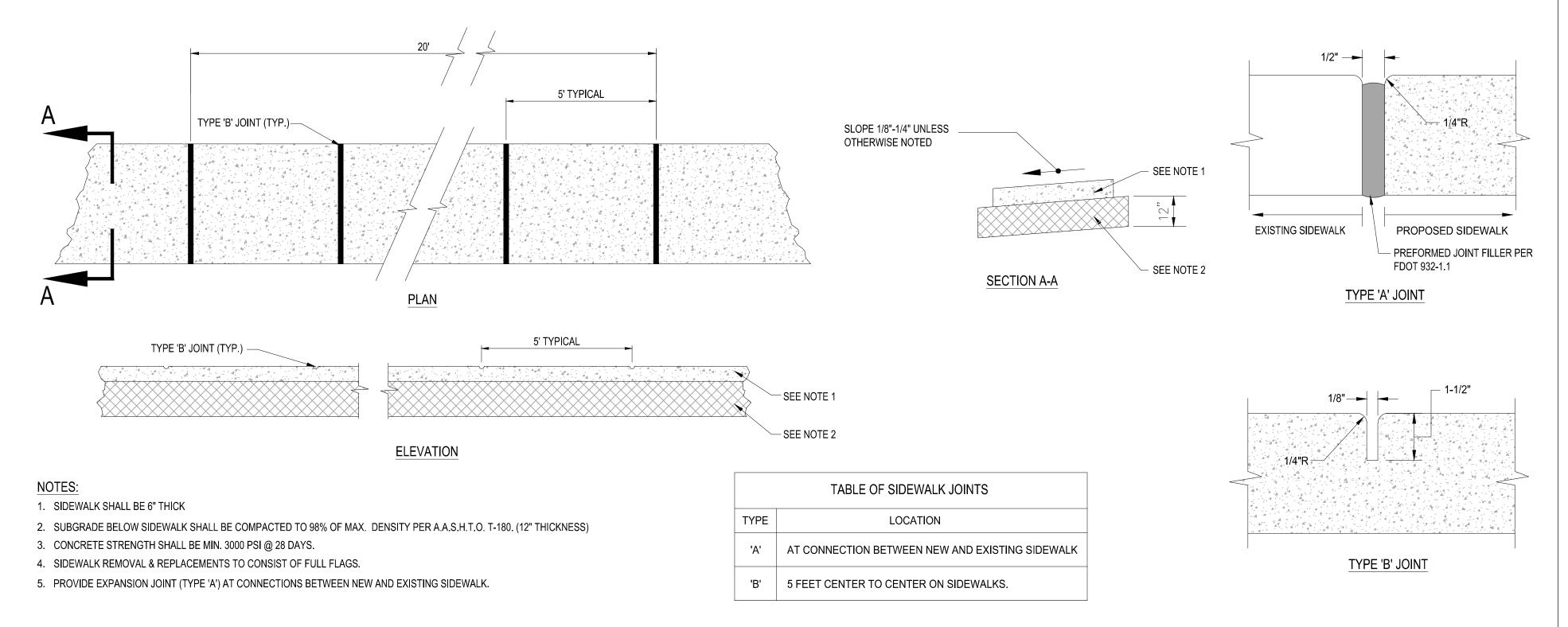


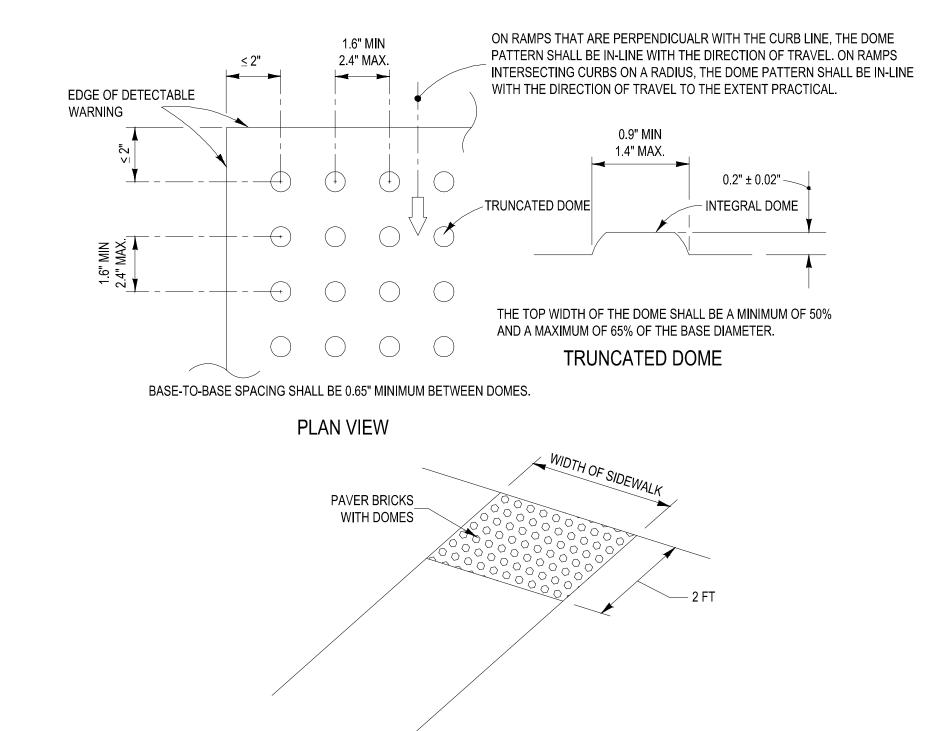
PRECAST CONCRETE-TOP SLAB FOR DRAINAGE MANHOLES SCALE: NONE

MANHOLE FRAME DETAIL SCALE: NONE



PSLUSD PROJECT NO: 11-652-36F ELEVATIONS BASED ON NAVD '88 PORT ST. LUCIE PROJECT NO: P22-213



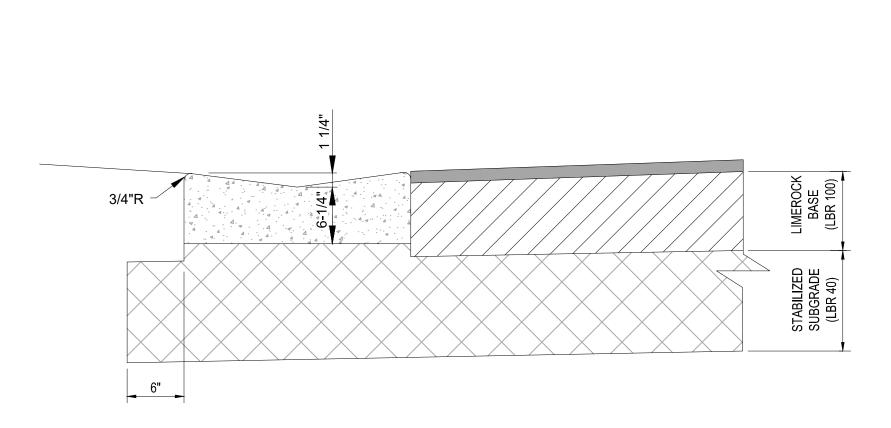


-ALL CURB RAMPS INCLUDING DETECTABLE WARNING SHALL BE CONSTRUCTED PER FDOT INDEX 304 LATEST EDITION -ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES (610 mm) FROM THE BACK OF CURB.

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)

TRENCH WIDTH (W) + 4' SURFACE REPLACEMENT REPLACEMENT LIMEROCK BASE EXISTING LIMEROCK BASE TRENCH WIDTH (W) 18" REFER TO TRENCH DETAIL FOR SPECIFICATIONS

NOTES:

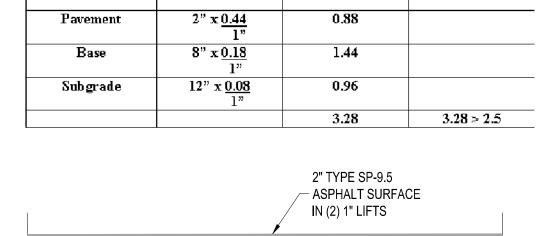
- REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 8", MAXIMUM 18".
 BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180.
- 3. SUBGRADE MATERIAL SHALL BE GRANULAR AND ANGULAR AND SHALL HAVE A MINIMUM LBR OF 40.
- 4. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED PARALLEL TO OR PERPENDICULAR TO THE ROADWAY.5. 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

MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.

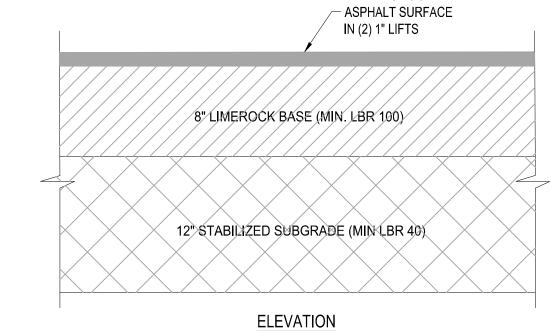
PAVEMENT RESTORATION DETAIL

SCALE: NONE

DETECTABLE WARNING DETAIL SCALE: NONE



Asphalt Pavement Area



ASPHALT PAVEMENT DETAIL

SCALE: NONE

PEBWORTH PROFESSIONAL PLAZA

PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com

REV PER SPRC

3 3-2-22 SHOP DRAWING REVIEW

4 4-27-22 SHOP DRAWING REVIEW

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VERANO SOUTH

POD G - PLAT 4

RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

FJ160006-PGD-DETAILS

DRAWN BY:

CHECKED BY: DATE: CAD I.D.:

10-5-21

2 12-3-21

PROFESSIONAL ENGINEER
September 19, 2022
FLORIDA BUSINESS FLORIDA BUSINESS FET. CE AUTH. No. 27528

PGD DETAILS

SHEET NUMBER

C-17

Printed on Monday, September 19, 2022, 2:43 PM by Mich

SHEET LEGEND

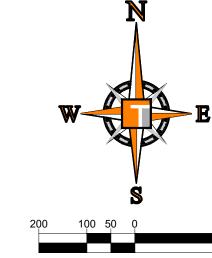
C-XX(G3)

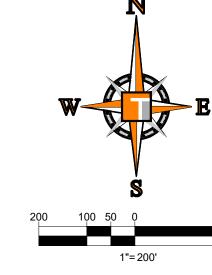
C-21(G4)

WATER AND SEWER SHEET (PLAT NUMBER)

SANITARY PHASE LIMIT

WATER PHASE LIMIT





STRUCT STRUCTURE:	URE T	ABLE INVERTS:
DROP SMH-06	26.14	7.67 N 13.05 SE 13.05 NW 7.57 SW
SMH-01	24.90	18.90 SE
SMH-02	26.04	15.84 NW 15.74 S
SMH-03	24.67	11.95 N 11.85 S
SMH-04A	26.00	10.70 E 10.70 N 10.60 S
SMH-04B	25.77	11.00 E 10.90 W
SMH-05	24.87	8.93 N 8.83 S
SMH-06B	25.95	13.31 SE
SMH-07	25.41	7.07 NE 6.97 SW
SMH-08	25.44	3.60 SW 3.60 NE 3.50 NW
SMH-09	25.50	3.20 SE 3.10 NE
SMH-10	24.75	18.75 NE
SMH-11	24.93	17.64 SW 17.54 N
SMH-12	25.51	16.63 S 16.53 N
SMH-13	26.14	16.27 S 16.27 E 16.17 W
SMH-13A	31.50	23.50 W
SMH-13B	25.90	21.32 E 21.22 W
SMH-13C	25.00	20.12 E 20.02 W
SMH-14A	25.08	15.12 E 15.02 NW
SMH-14B	25.55	13.96 SE 13.86 NW

STRUCTURE TABLE				
STRUCTURE:	RIM:	INVERTS:		
SMH-15	24.90	18.50 SW		
SMH-16	25.55	17.96 NE 17.86 SW		
SMH-17	24.64	16.59 NE 16.49 S		
SMH-18	24.89	14.84 N 14.74 SW		
SMH-19	24.77	14.01 NE 13.91 SW		
SMH-20	25.97	12.97 SE 12.97 NE 12.87 NW		
SMH-21	25.37	12.31 SE 12.21 NW		
SMH-22	24.58	10.62 SE 10.52 NW		
SMH-23	26.02	8.51 NW 8.51 SE 8.51 SW 8.41 NE		
SMH-24	25.30	7.79 SW 7.69 NE		
SMH-25	24.50	7.09 SW 6.99 N		
SMH-26	25.10	5.31 S 5.21 NE		
SMH-26B	24.73	4.44 SW 4.34 NE		
SMH-27	26.02	19.26 N		
SMH-28	25.98	18.44 S 18.34 N		
SMH-29	24.65	14.23 S 14.13 NW		
SMH-30	24.80	9.88 NW 9.78 SE		
SMH-31	25.28	9.39 NW 9.29 SE		
SMH-32	24.60	9.71 SW 9.61 NE		
SMH-40	26.10	20.10 S		

STRUCTURE:	RIM:	INVERTS
SMH-41	26.31	19.00 N 18.90 S
SMH-42	25.28	17.22 N 17.12 S
SMH-43	24.94	16.31 N 16.21 S
SMH-44	24.57	15.41 N 15.31 SW
SMH-45	25.42	14.51 NE 14.41 W
SMH-46	25.14	13.14 E 13.04 W
SMH-47	25.37	11.61 E 11.51 W
SMH-48	24.69	9.83 E 9.73 W
SMH-49	25.41	8.48 E 8.48 N 8.38 W
SMH-49B	24.00	9.36 N 9.26 S
SMH-49C	25.40	10.77 NW 10.67 S
SMH-50	24.67	7.69 E 7.59 W
SMH-51	25.28	6.17 E 6.07 W
SMH-52	24.66	5.11 E 5.01 W
SMH-53	25.41	4.06 E 3.96 NW
SMH-54	24.89	2.65 SE 2.65 NW 2.55 SW
SMH-55	24.90	1.43 NE 1.33 NW
SMH-56	25.23	2.97 NW 2.87 SE

SAMPLE POINT DISTANCES

9 TO 12	975 LF
10 TO 12	270 LF
11 TO 12	155 LF
12 TO 13	591 LF
13 TO 14	1037 LF
14 TO 4	920 LF
13 TO 15	609 LF
15 TO 16	507 LF
16 TO 17	435 LF
16 TO 18	970 LF
18 TO 19	756 LF
19 TO 20	858 LF
20 TO 21	1011 LF
21 TO 22	77 LF
21 TO 23	676 LF

TOTAL WATER MAIN LENGTHS

8" PVC C-900 WM 9,525 LF



2 12-3-21

3 3-2-22 SHOP DRAWING REVIEW BU

4 4-27-22 SHOP DRAWING REVIEW BU

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VERANO SOUTH POD G - PLAT 4

RESIDENTIAL LOTS

VERANO DEVELOPMENT

BMU 7-1-21 FJ160006-MASTER-UTIL

PROJECT No. DRAWN BY:

CHECKED BY: DATE: CAD I.D.:

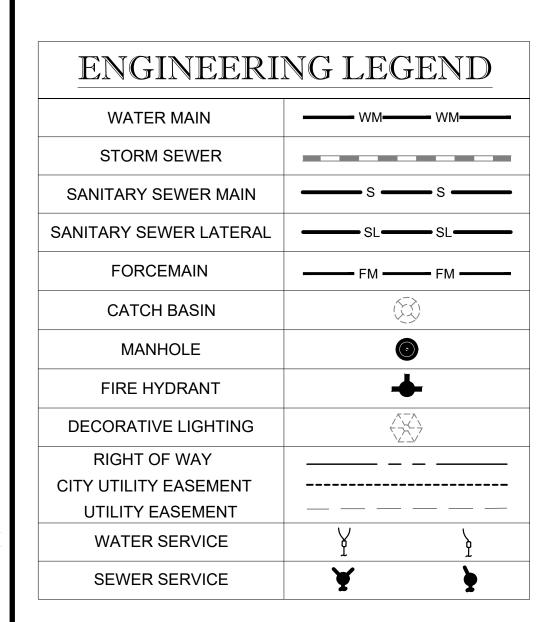
PEBWORTH PROFESSIONAL PLAZA
125 W. INDIANTOWN RD, SUITE 206
JUPITER, FL 33458
PH: (561) 203-7503
FX: (561) 203-7721
www.ThomasEngineeringGroup.com



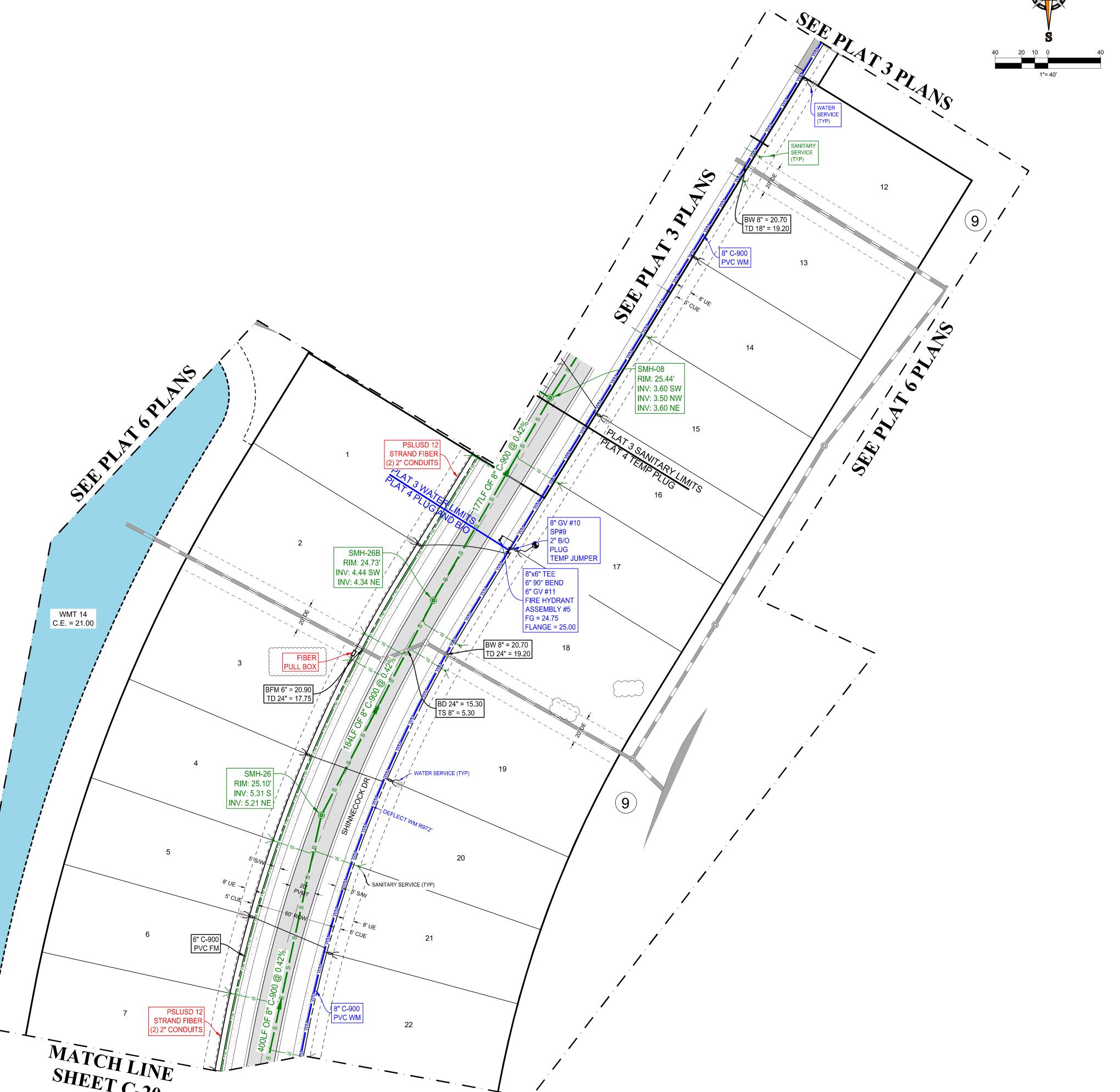
UTILITY KEY SHEET







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	REVISIONS:				
REV:	DATE:	COMMENT:	BY:		
1	10-5-21	REV PER SPRC	MJL		
2	12-3-21	BID SET	BU		
3	3-2-22	SHOP DRAWING REVIEW	BU		
4	4-27-22	SHOP DRAWING REVIEW	BU		



PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-UTILITY-PLANS
PROJECT:

VERANO SOUTH
POD G - PLAT 4

RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA

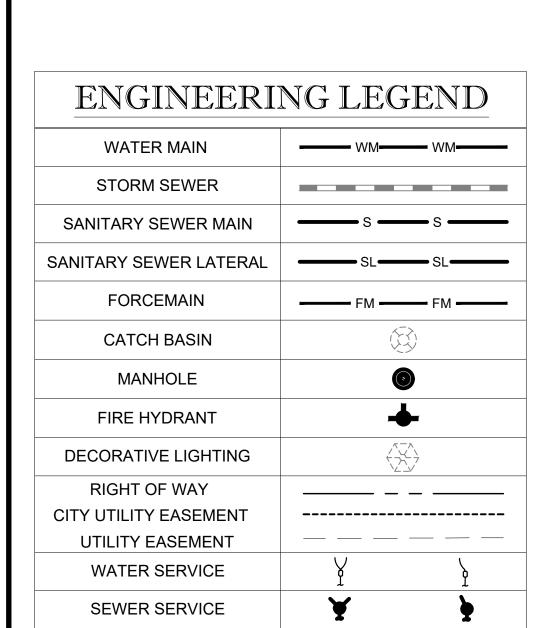


PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com

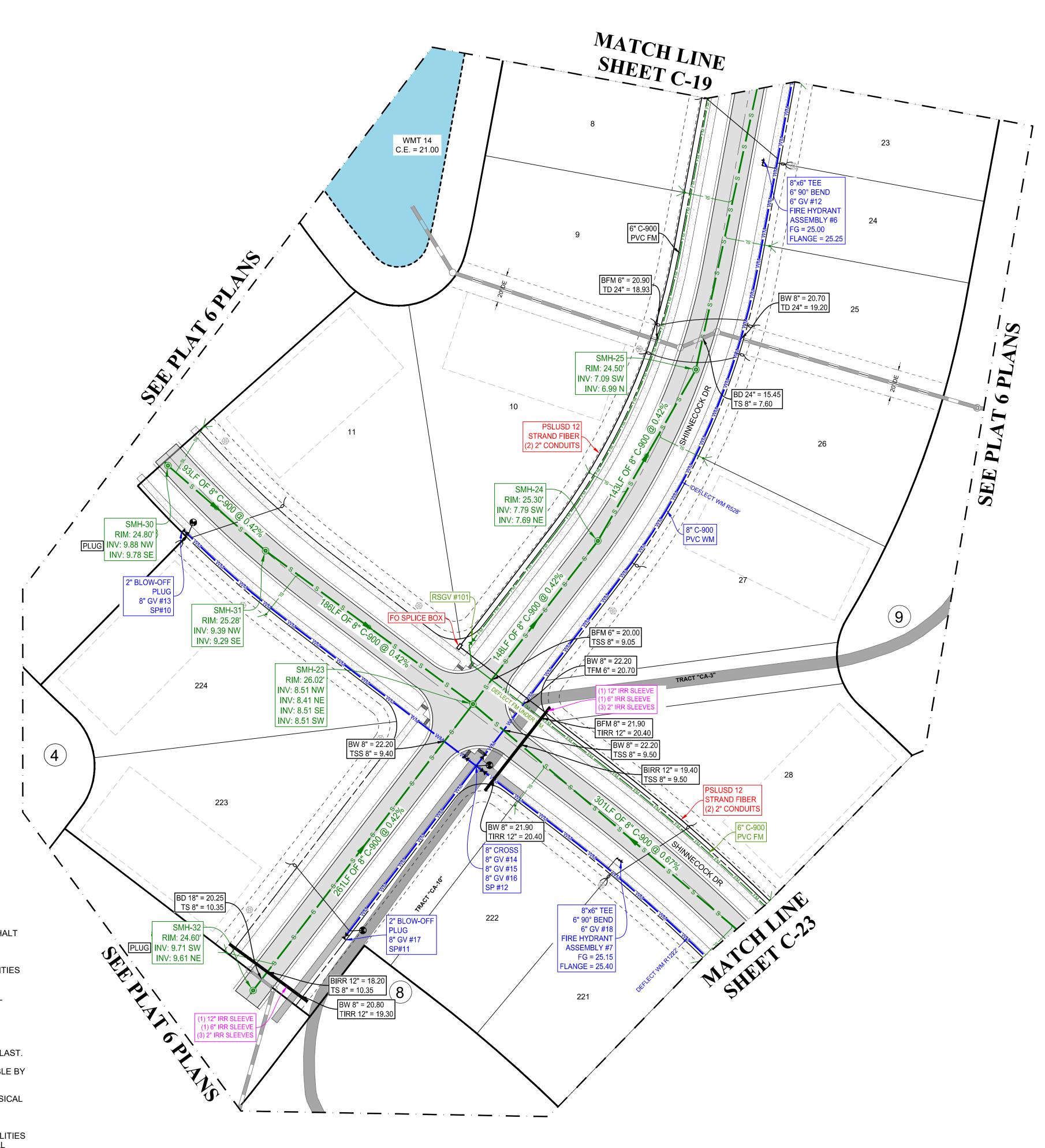


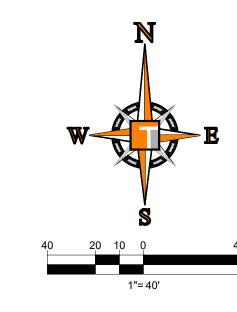
UTILITY PLAN

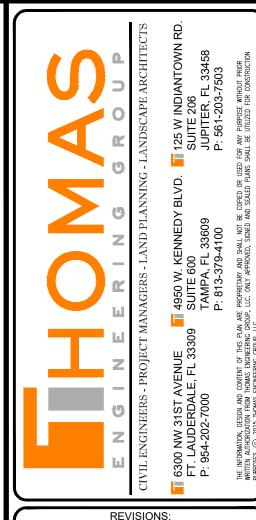
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REV: DATE: COMMENT: BY: 1 10-5-21 REV PER SPRC MJI 2 12-3-21 BID SET BU 3 3-2-22 SHOP DRAWING REVIEW BU 4 4-27-22 SHOP DRAWING REVIEW BU	1
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DRAWN BY: CHECKED BY: DATE: FJ160006-UTILITY-PLANS PROJECT:

VERANO SOUTH POD G - PLAT 4 RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA



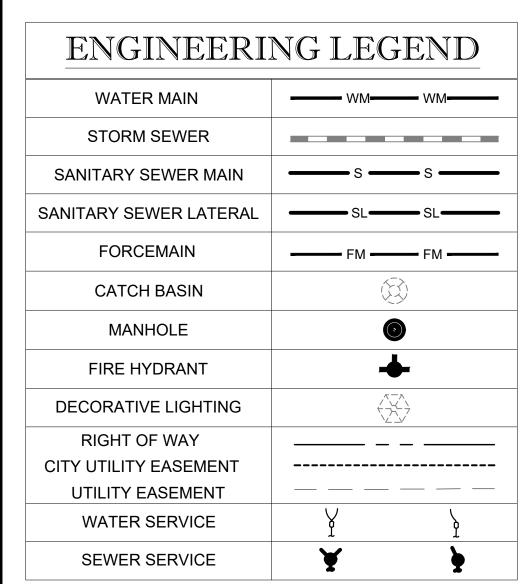
PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www. Thomas Engineering Group.com



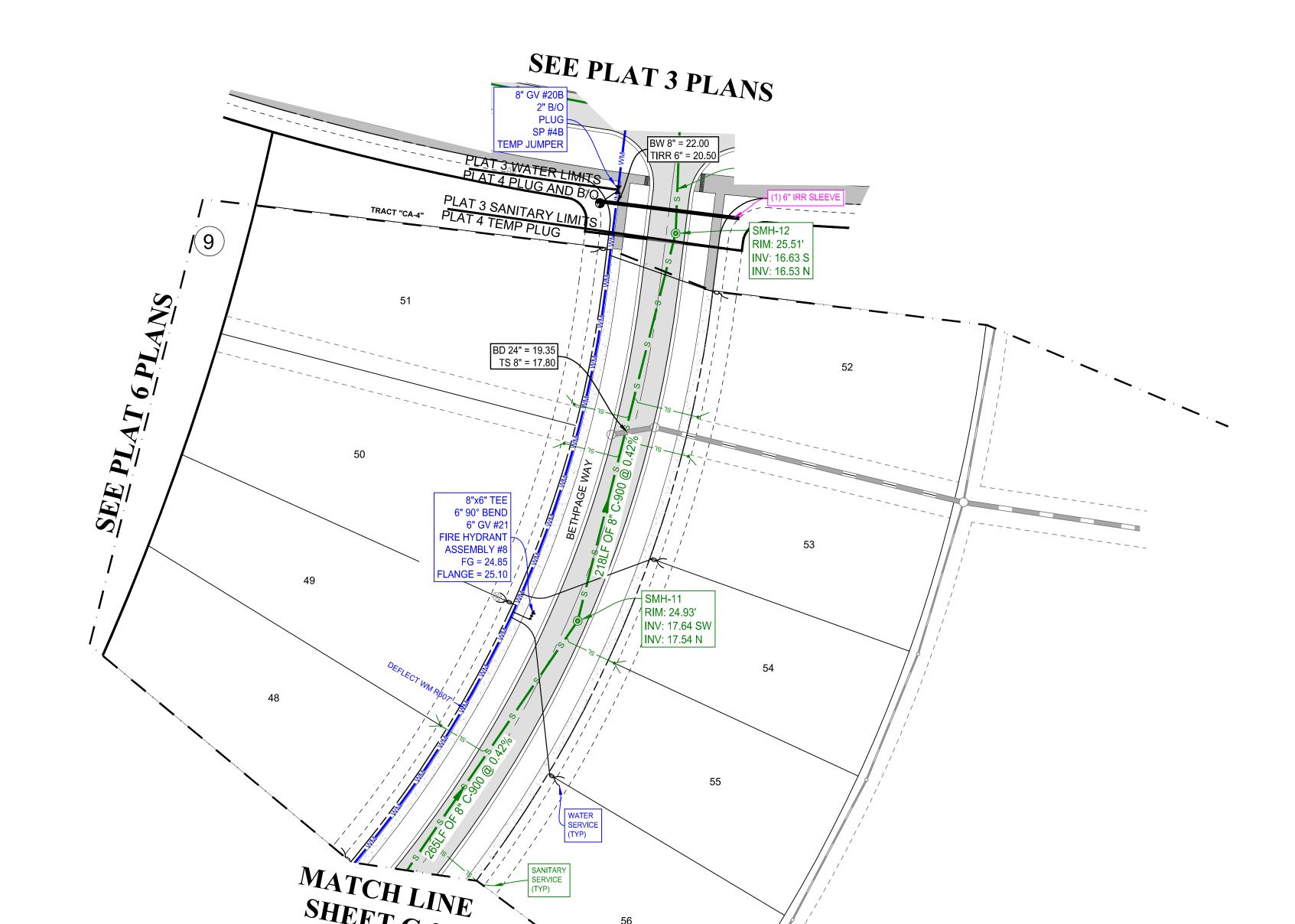
UTILITY PLAN

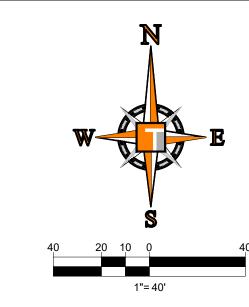
PORT ST. LUCIE PROJECT NO: P22-213

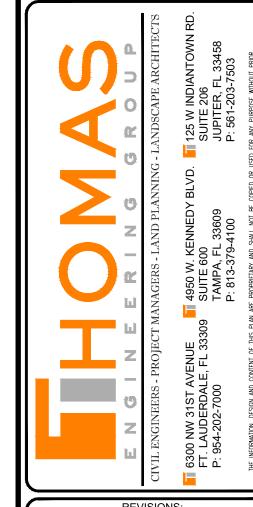




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4	4-27-22	SHOP DRAWING REVIEW	BU	



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

POD G - PLAT 4 RESIDENTIAL LOTS

VERANO SOUTH

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

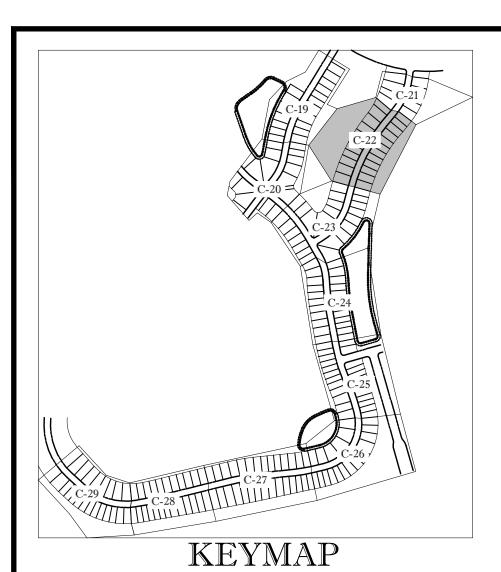


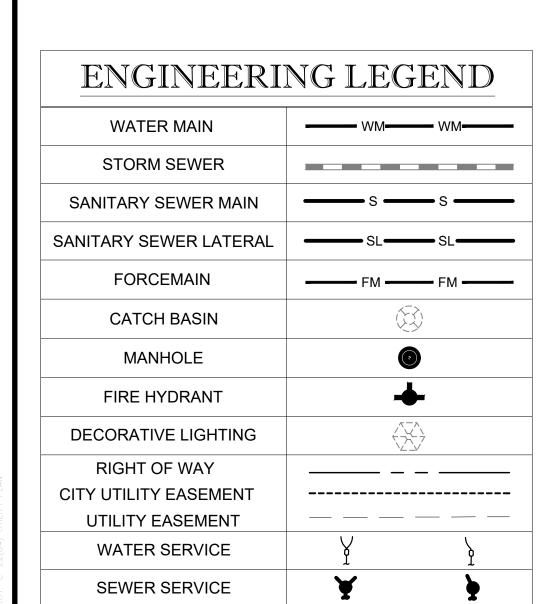
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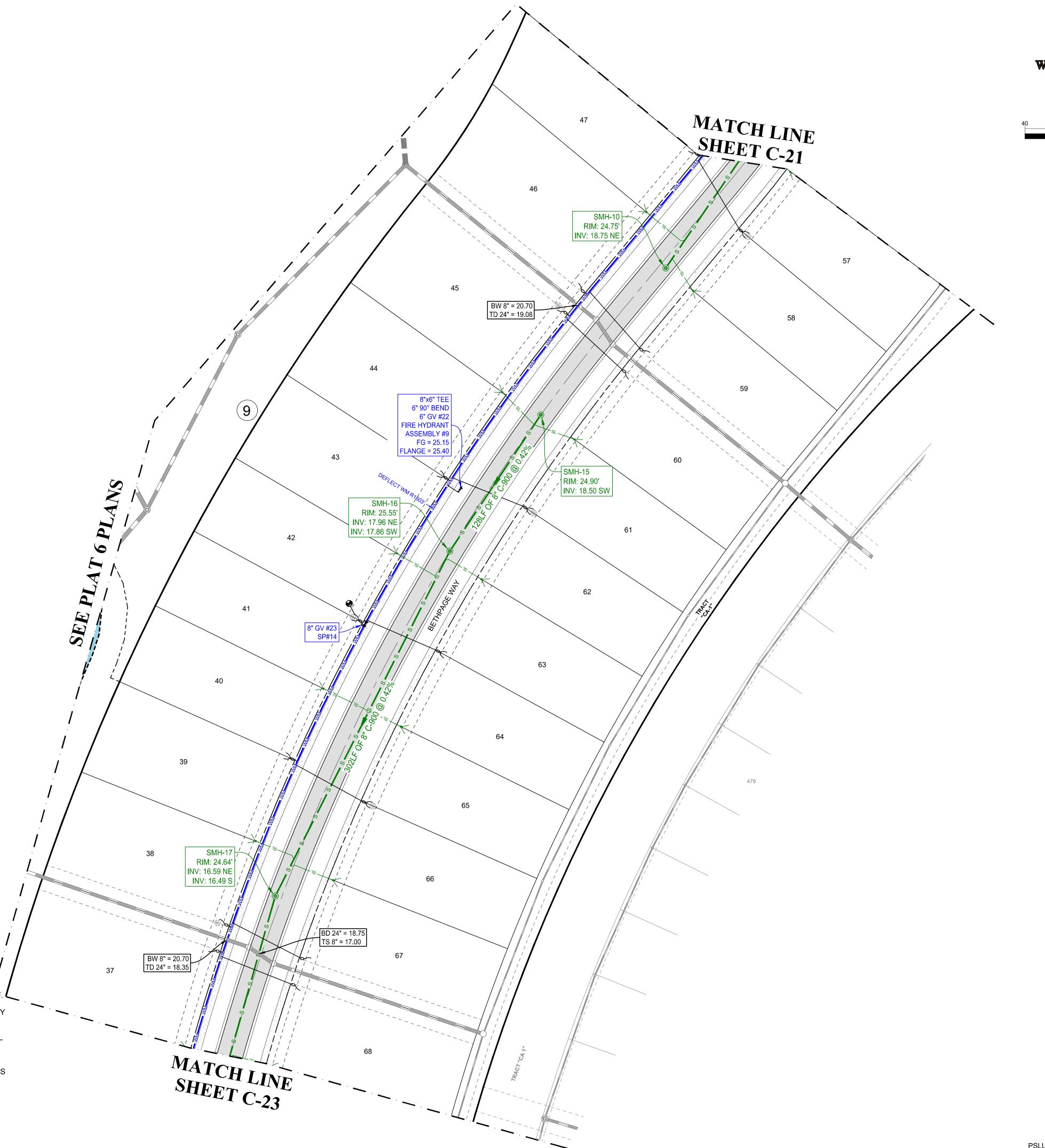
UTILITY PLAN

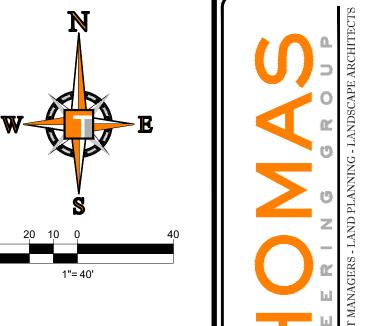
PSLUSD PROJECT NO: 11-652-36F ELEVATIONS BASED ON NAVD '88 PORT ST. LUCIE PROJECT NO: P22-213





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DRAWN BY: CHECKED BY: DATE: FJ160006-UTILITY-PLANS

POD G - PLAT 4 RESIDENTIAL LOTS

VERANO SOUTH

VERANO DEVELOPMENT

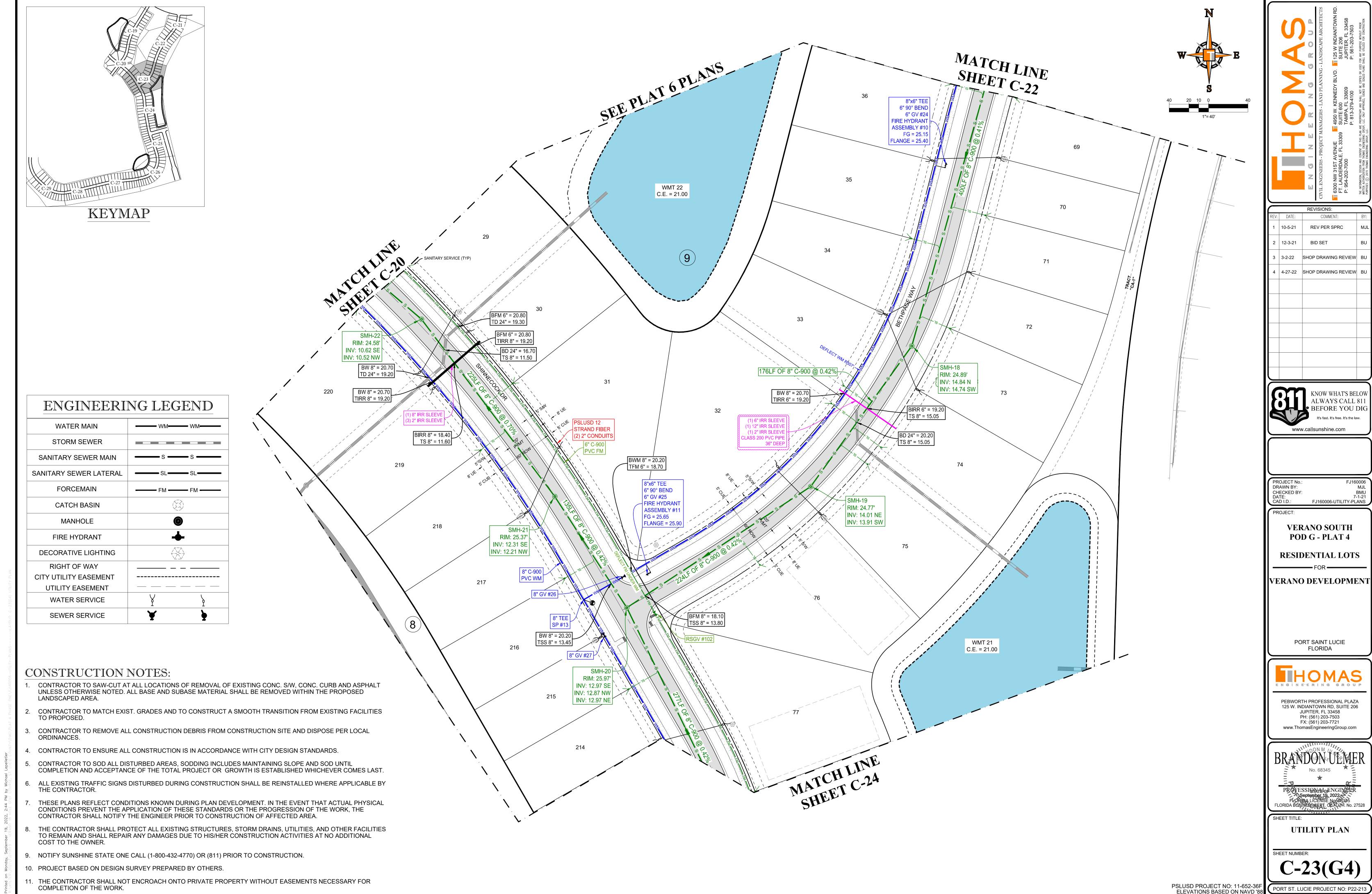
PORT SAINT LUCIE FLORIDA

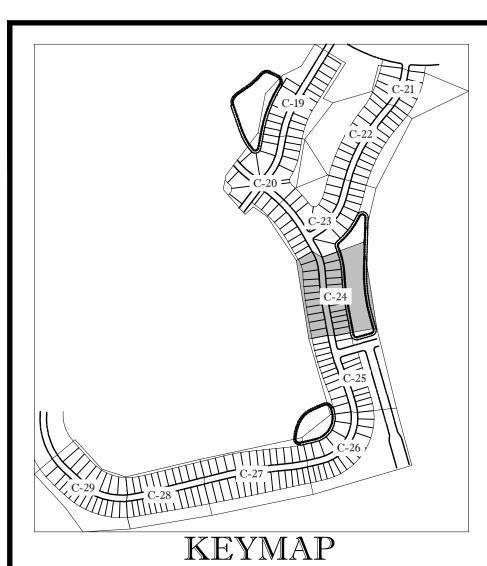


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UTILITY PLAN



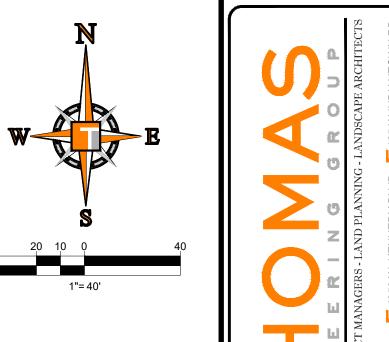




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CATCH BASIN	(3)
MANHOLE	©
FIRE HYDRANT	-
DECORATIVE LIGHTING	
RIGHT OF WAY	
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WATER SERVICE	Y
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4 4-27-22 SHOP DRAWING REVIEW BU



PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-UTILITY-PLANS

PROJECT:

VERANO SOUTH
POD G - PLAT 4

RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA

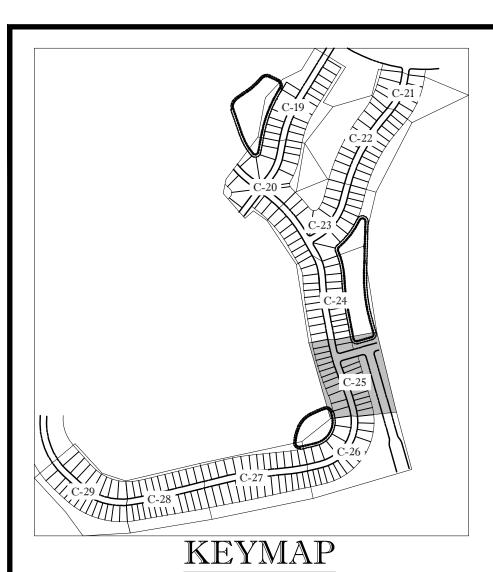


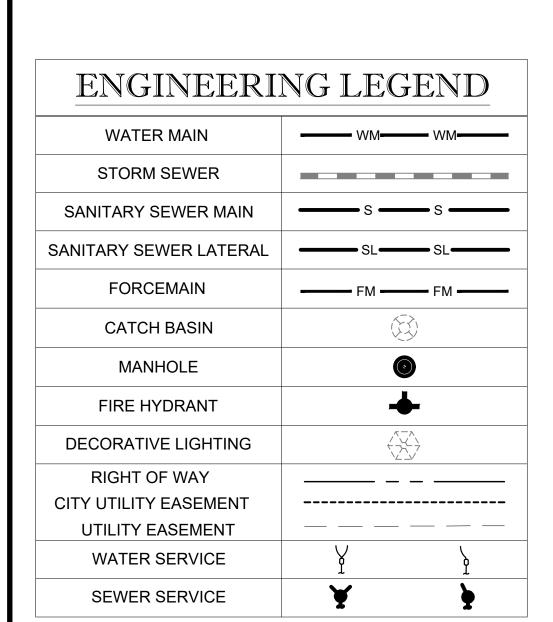
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UTILITY PLAN

C-24(G4

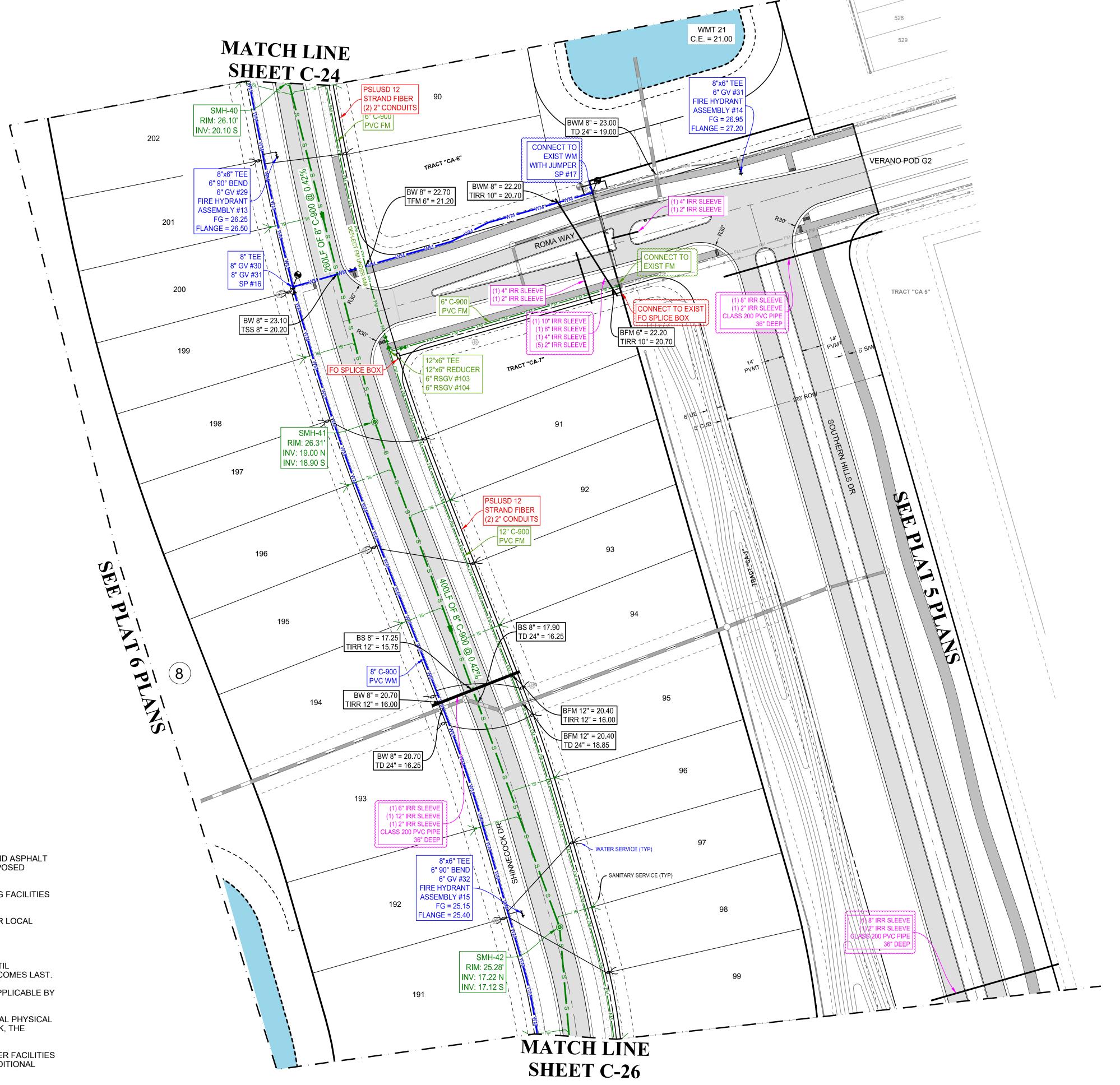


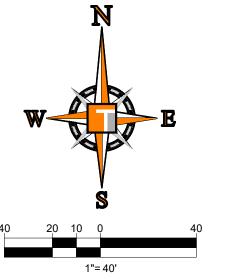


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PROJECT No. DRAWN BY: CHECKED BY: DATE: FJ160006-UTILITY-PLANS PROJECT:

VERANO SOUTH POD G - PLAT 4 RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

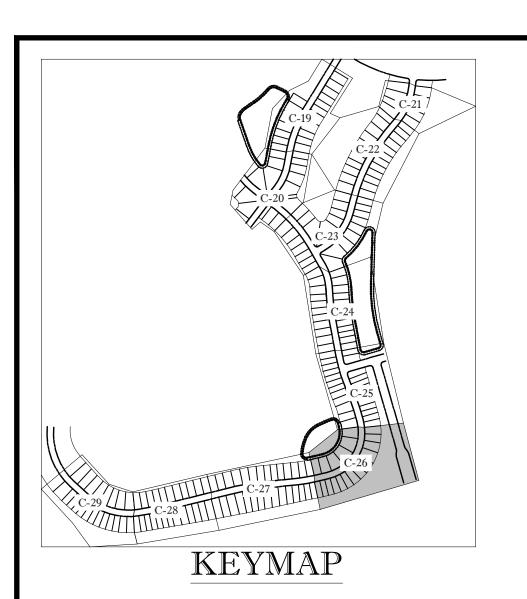


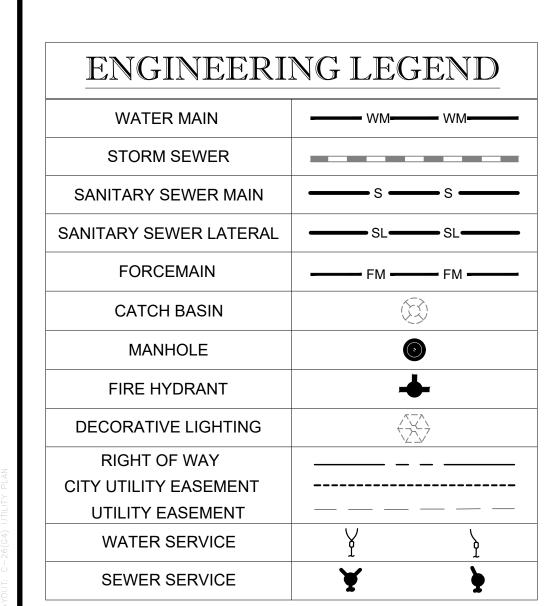
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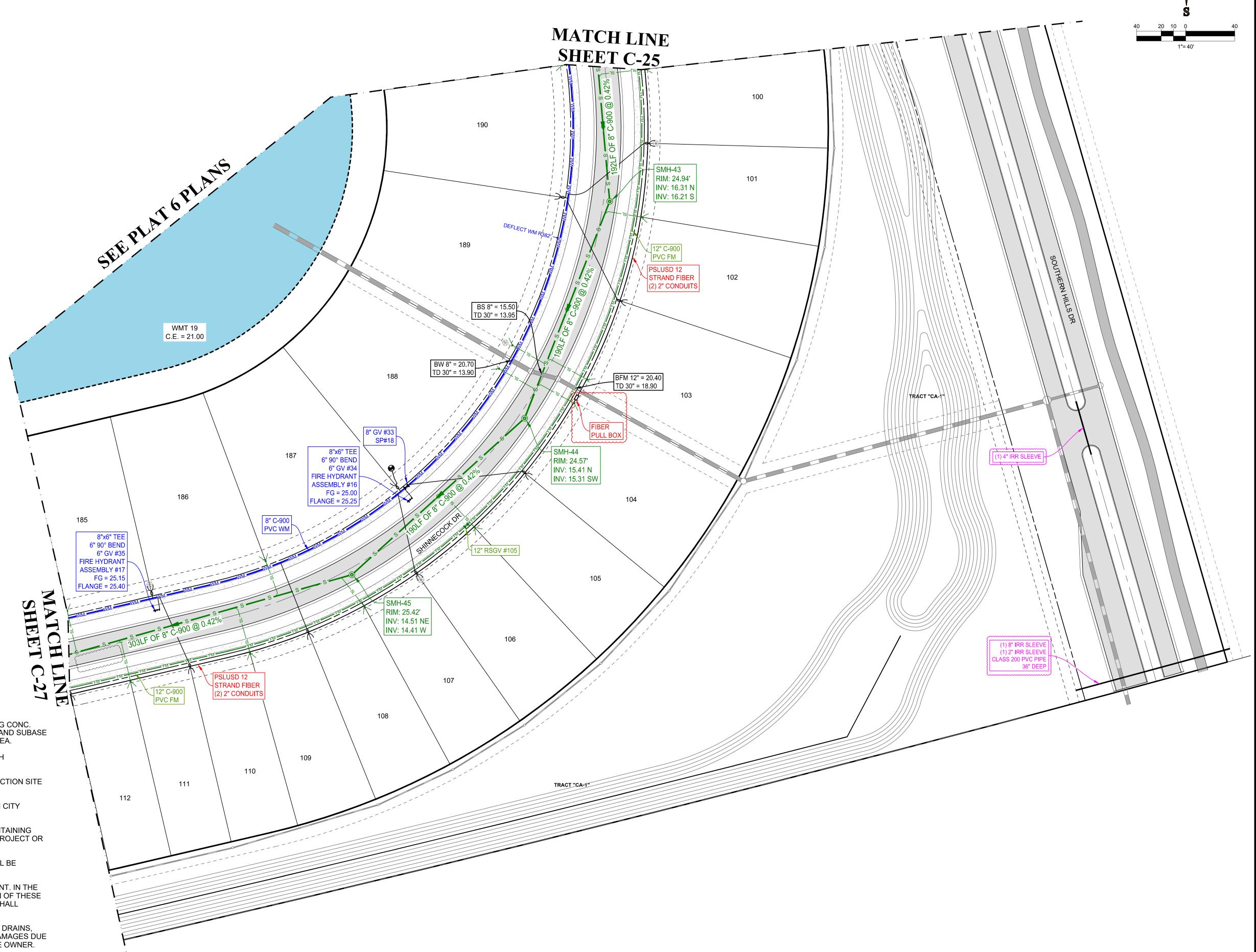
UTILITY PLAN

PORT ST. LUCIE PROJECT NO: P22-213





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

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

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FT. LAUDERDALE, FL 33309 SUITE 600

P: 954-202-7000

TAMPA, FL 33609

P: 813-379-4100

P: 661-203-7503

THE INFORMATION, DESIGN AND CONTENT OF THIS PLAN ARE PROPERTIEM AND SMALL BY UNIQUED FOR CONSTRUCTION

WINTER AUTHORISAND FROM THOMSE ENGINEERING 9804P, LLC. ONLY APPROVED, CONEY APPROVED. SONED AND SMALL BE UTILED FOR CONSTRUCTION

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PROJECT No.: FJ160006
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CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-UTILITY-PLANS

VERANO SOUTH POD G - PLAT 4

VERANO DEVELOPMENT

RESIDENTIAL LOTS

PORT SAINT LUCIE

FLORIDA

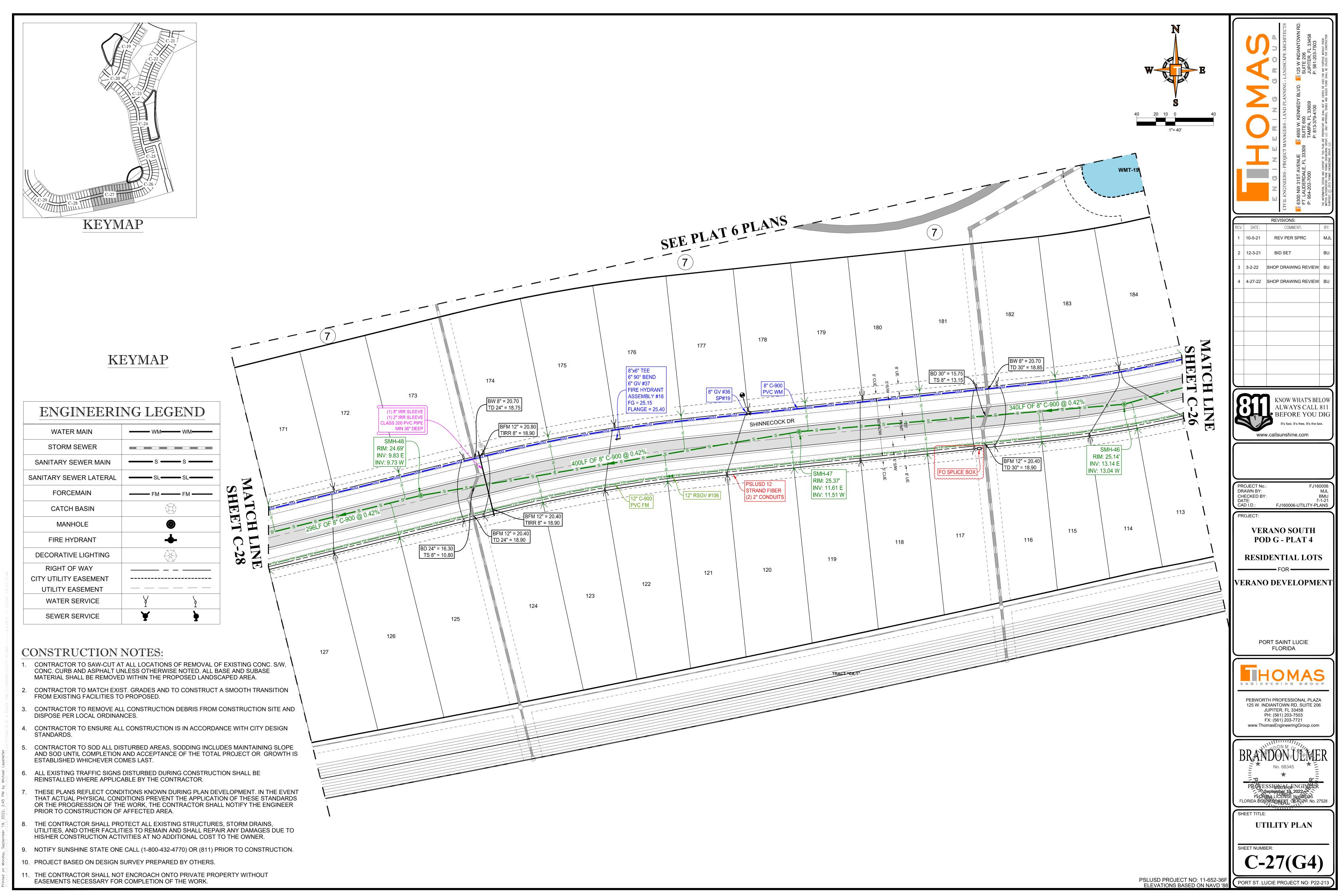


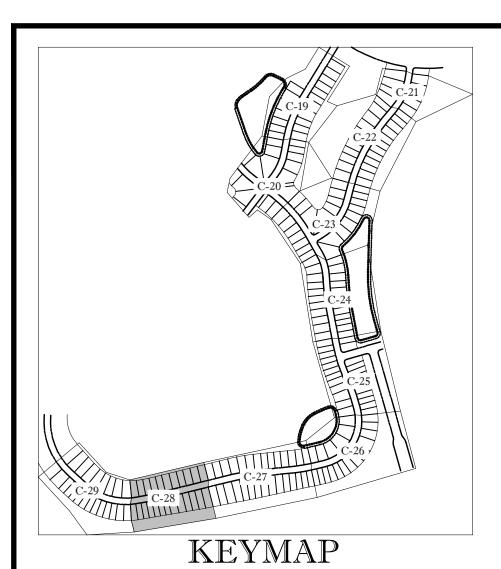
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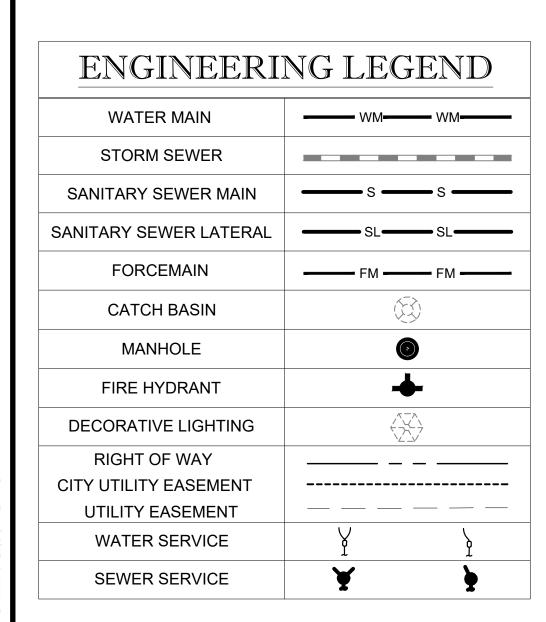


UTILITY PLAN

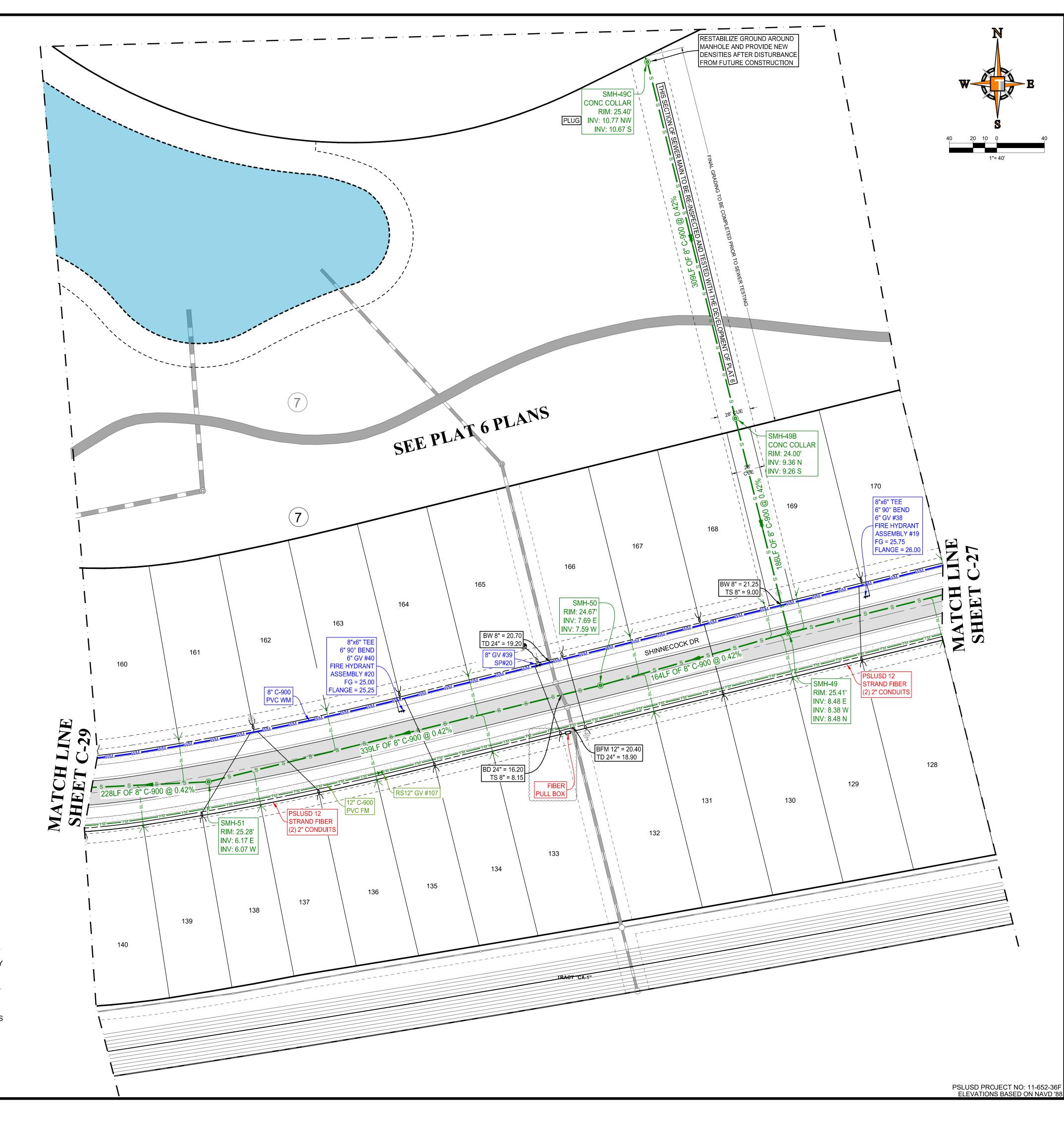
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REV PER SPRC

3 3-2-22 SHOP DRAWING REVIEW

4 4-27-22 SHOP DRAWING REVIEW

www.callsunshine.com

VERANO SOUTH

POD G - PLAT 4

RESIDENTIAL LOTS

VERANO DEVELOPMENT

PORT SAINT LUCIE

FLORIDA

PEBWORTH PROFESSIONAL PLAZA

125 W. INDIANTOWN RD, SUITE 206

JUPITER, FL 33458

PH: (561) 203-7503

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

PROFESSIONAL ENGINEES

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

UTILITY PLAN

PORT ST. LUCIE PROJECT NO: P22-213

FJ160006-UTILITY-PLANS

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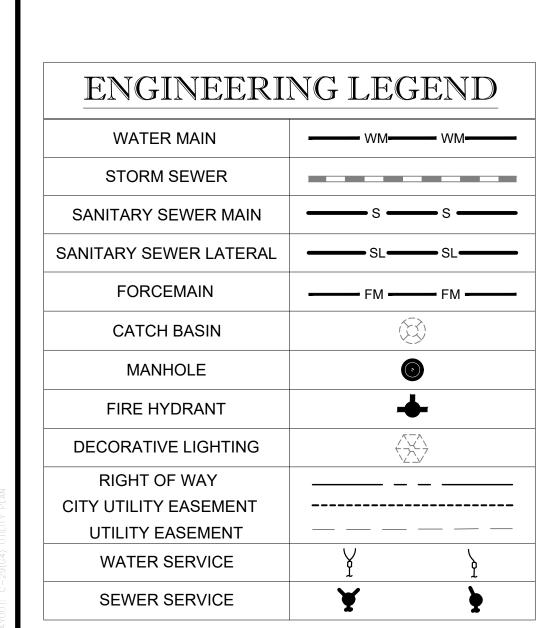
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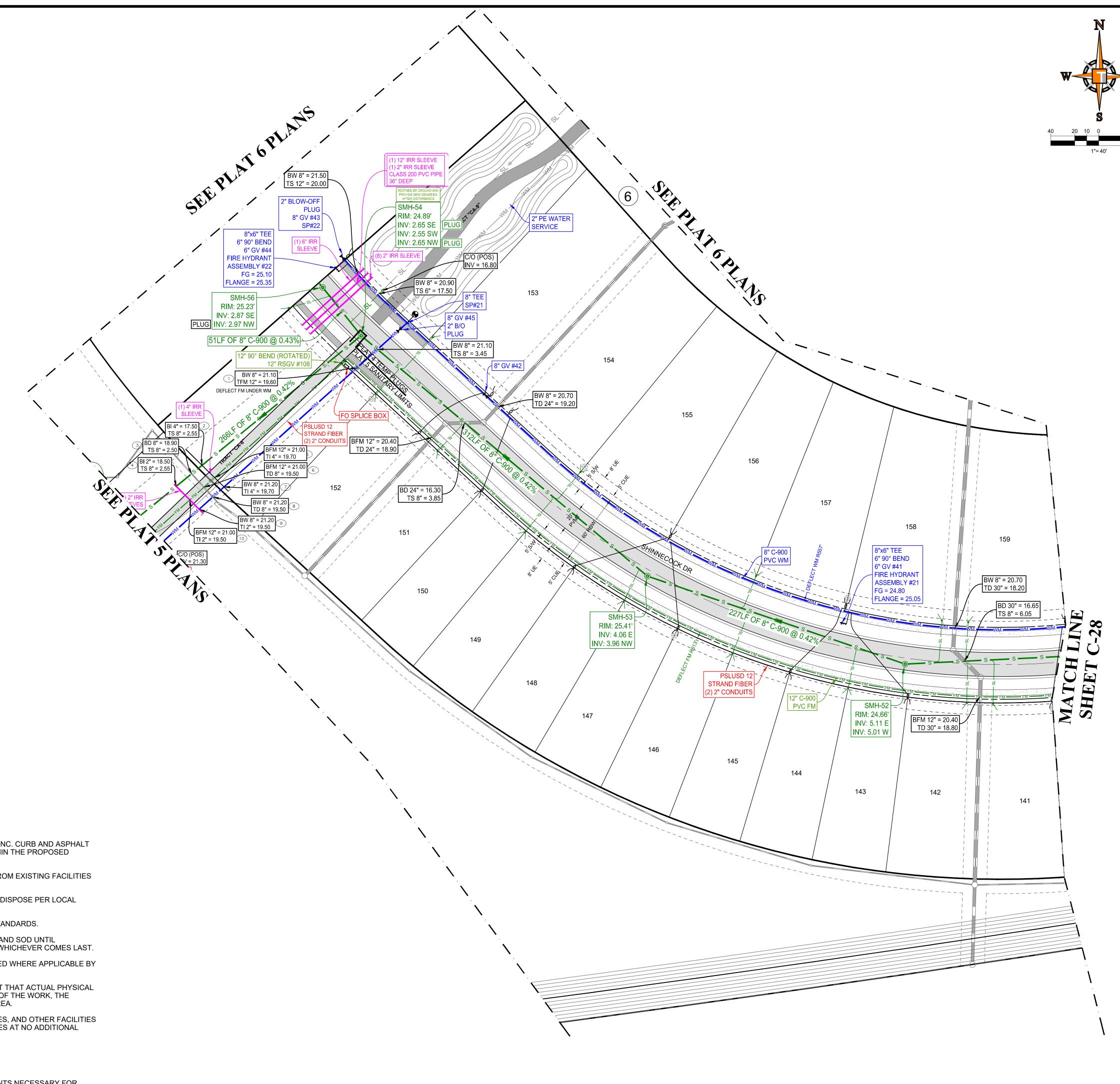
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- 1. CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. S/W, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA.
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- 3. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES.
- 4. 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.
- 6. ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
- 7. 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.
- 8. 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.
- 9. 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.



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

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

G G R O U P

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REVISIONS:				
REV:	DATE:	COMMENT:	BY:	
1	10-5-21	REV PER SPRC	MJL	
2	12-3-21	BID SET	BU	
3	3-2-22	SHOP DRAWING REVIEW	BU	
4	4-27-22	SHOP DRAWING REVIEW	BU	



PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-UTILITY-PLANS

PROJECT:

POD G - PLAT 4

RESIDENTIAL LOTS

VERANO SOUTH

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA



PEBWORTH PROFESSIONAL PLAZA 125 W. INDIANTOWN RD, SUITE 206 JUPITER, FL 33458 PH: (561) 203-7503 FX: (561) 203-7721 www.ThomasEngineeringGroup.com



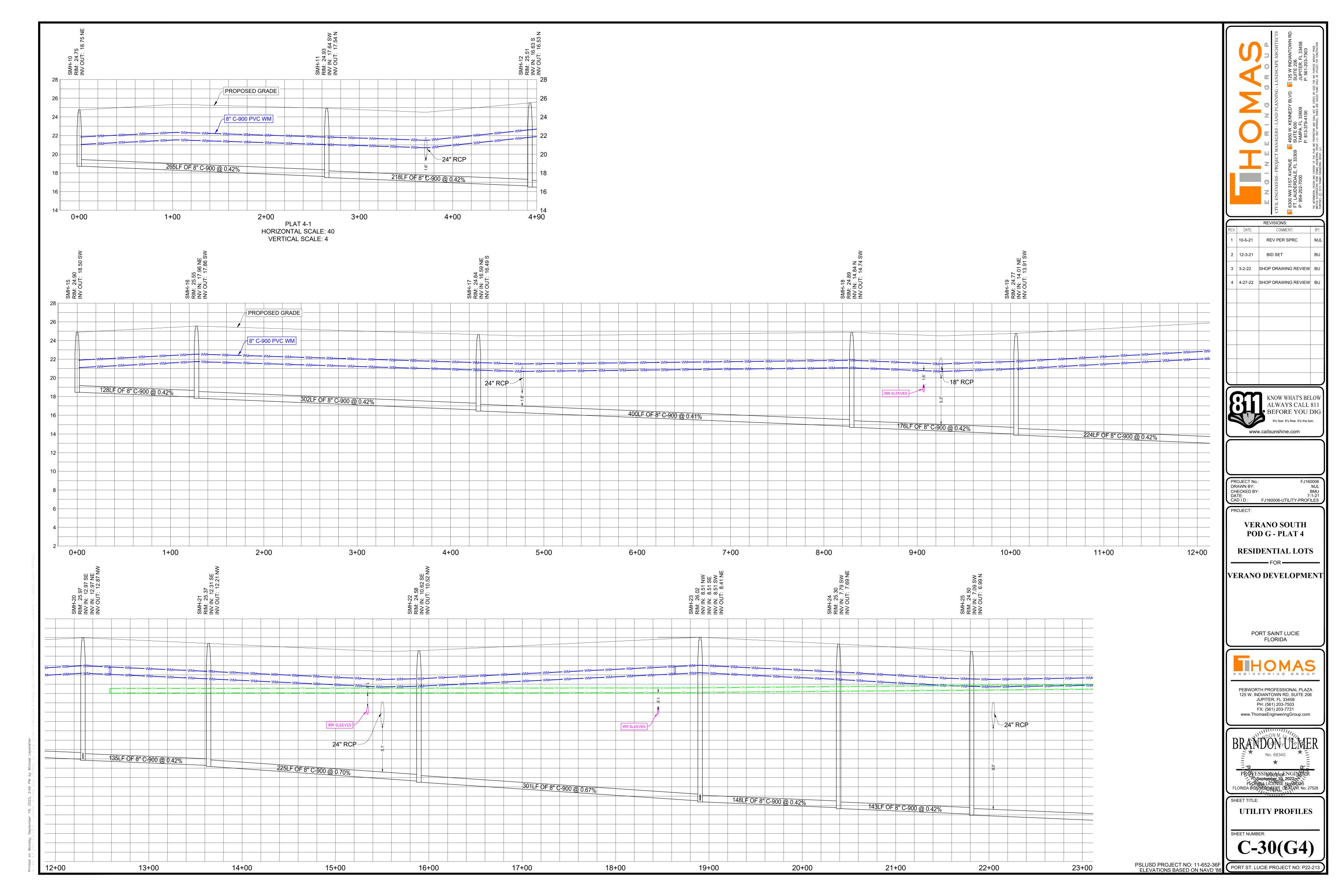
UTILITY PLAN

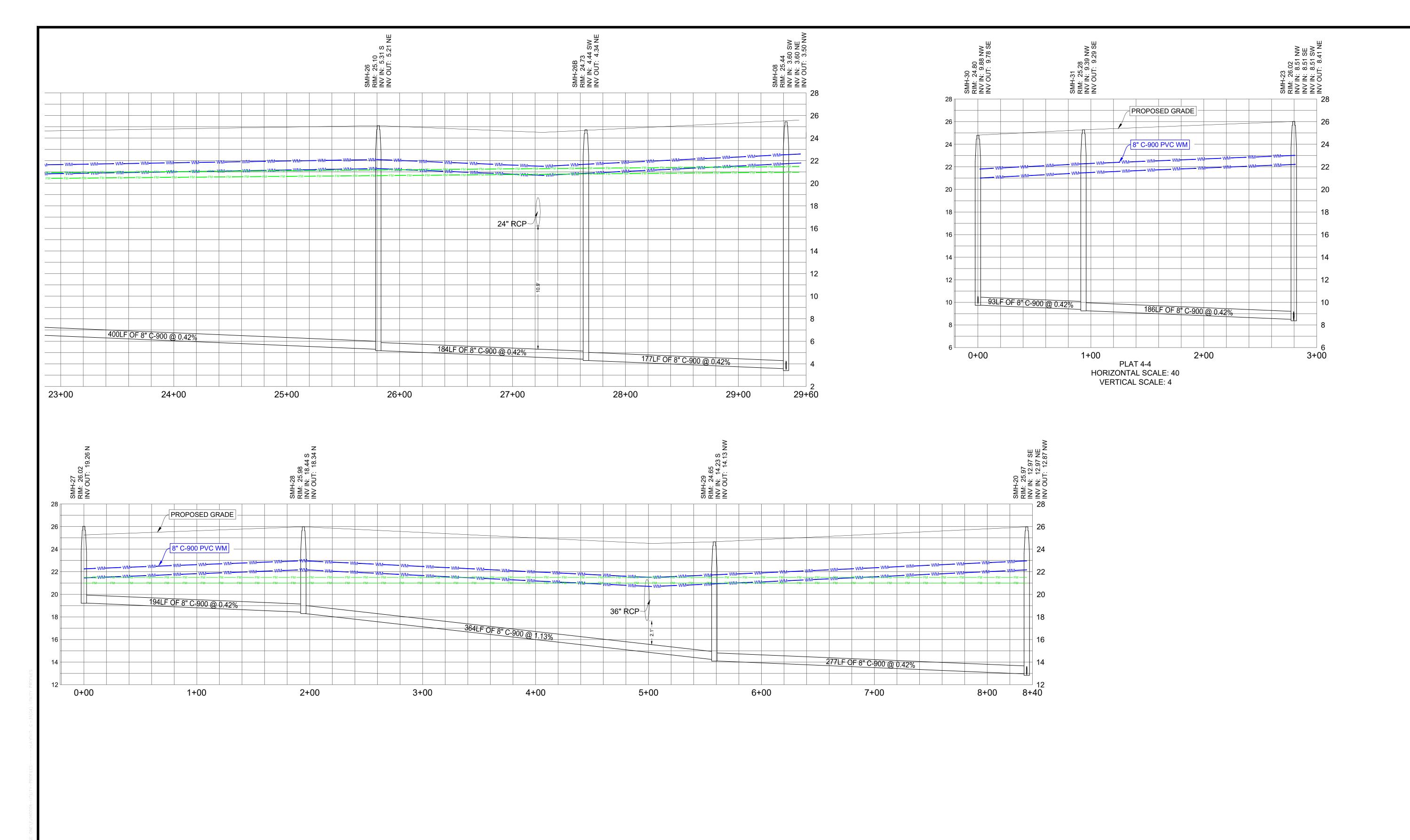
SHEET NUMBER:

JECT NO: 11-652-36F PORT ST. LUCIE PROJECT NO: P22-213

PSLUSD PROJECT NO: 11-652-36F ELEVATIONS BASED ON NAVD '88

Monday, September 19, \2021\FJ210019 — VERANK





2 12-3-21 3 3-2-22 SHOP DRAWING REVIEW BI

4 4-27-22 SHOP DRAWING REVIEW BI

REV PER SPRC

BID SET

10-5-21



PROJECT No.: DRAWN BY: CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-UTILITY-PROFILES

VERANO SOUTH

POD G - PLAT 4

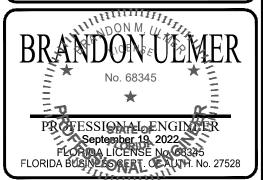
VERANO DEVELOPMENT

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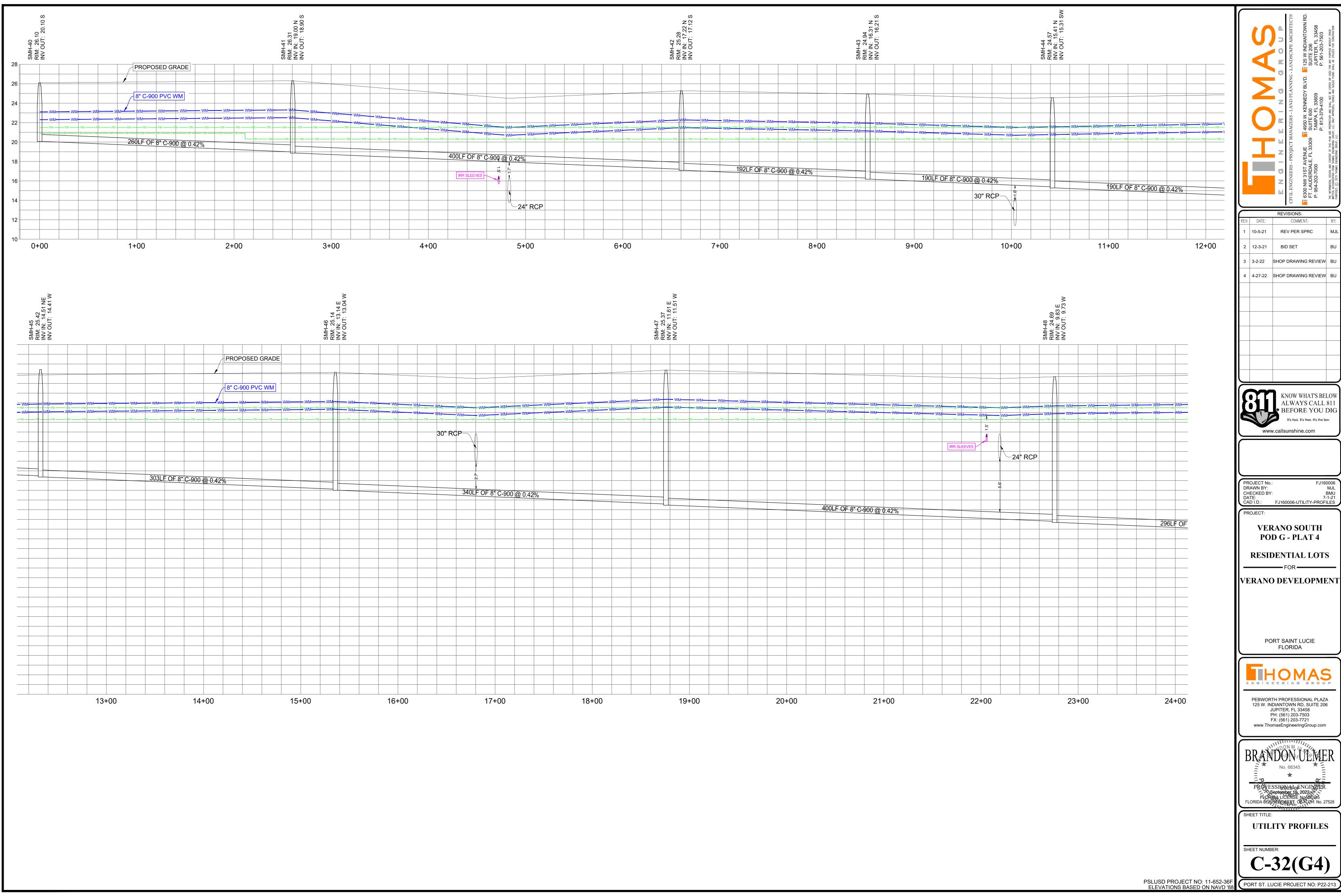
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UTILITY PROFILES



4 4-27-22 SHOP DRAWING REVIEW B



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CHECKED BY: BMU
DATE: 7-1-21
CAD I.D.: FJ160006-UTILITY-PROFILES

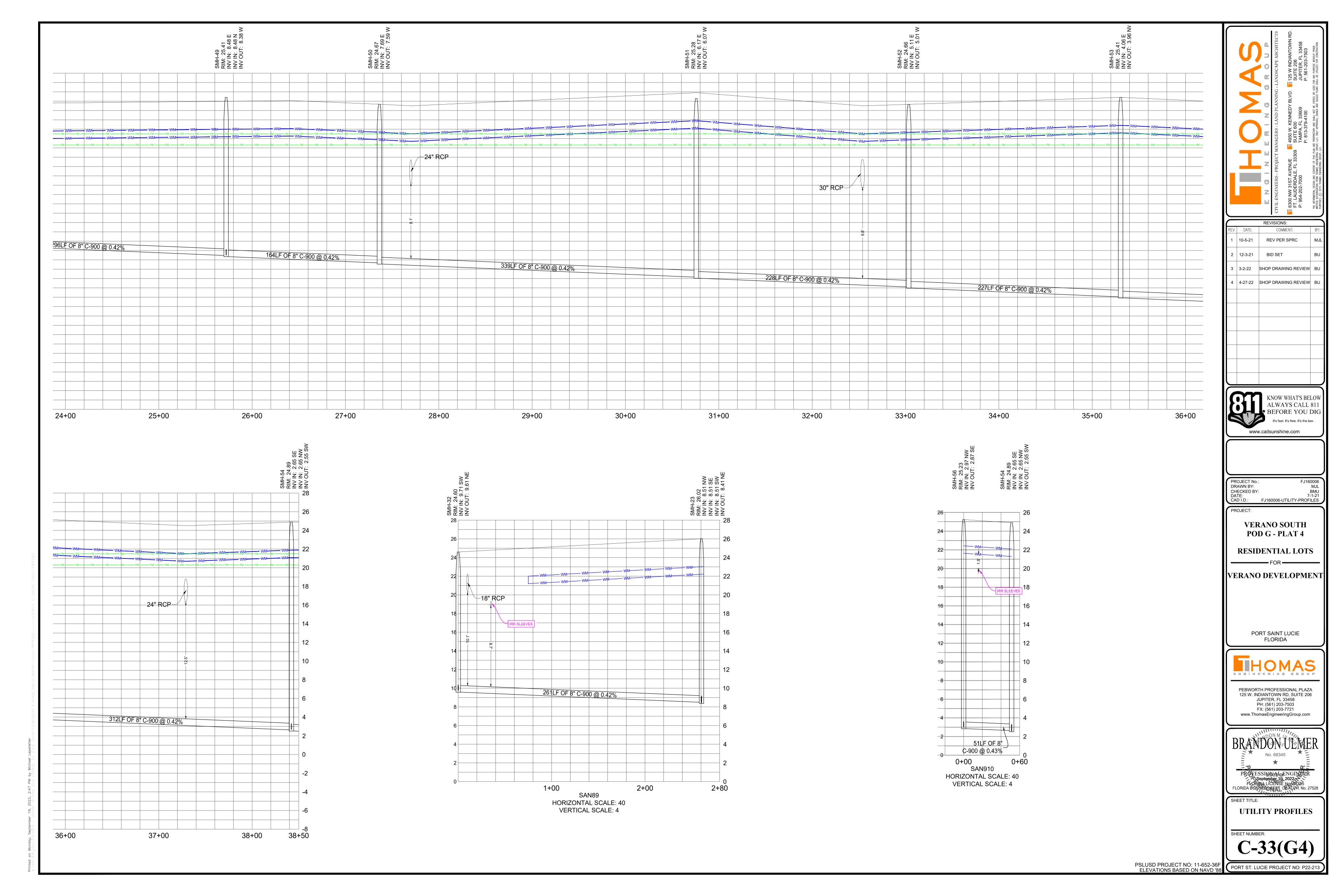
VERANO SOUTH

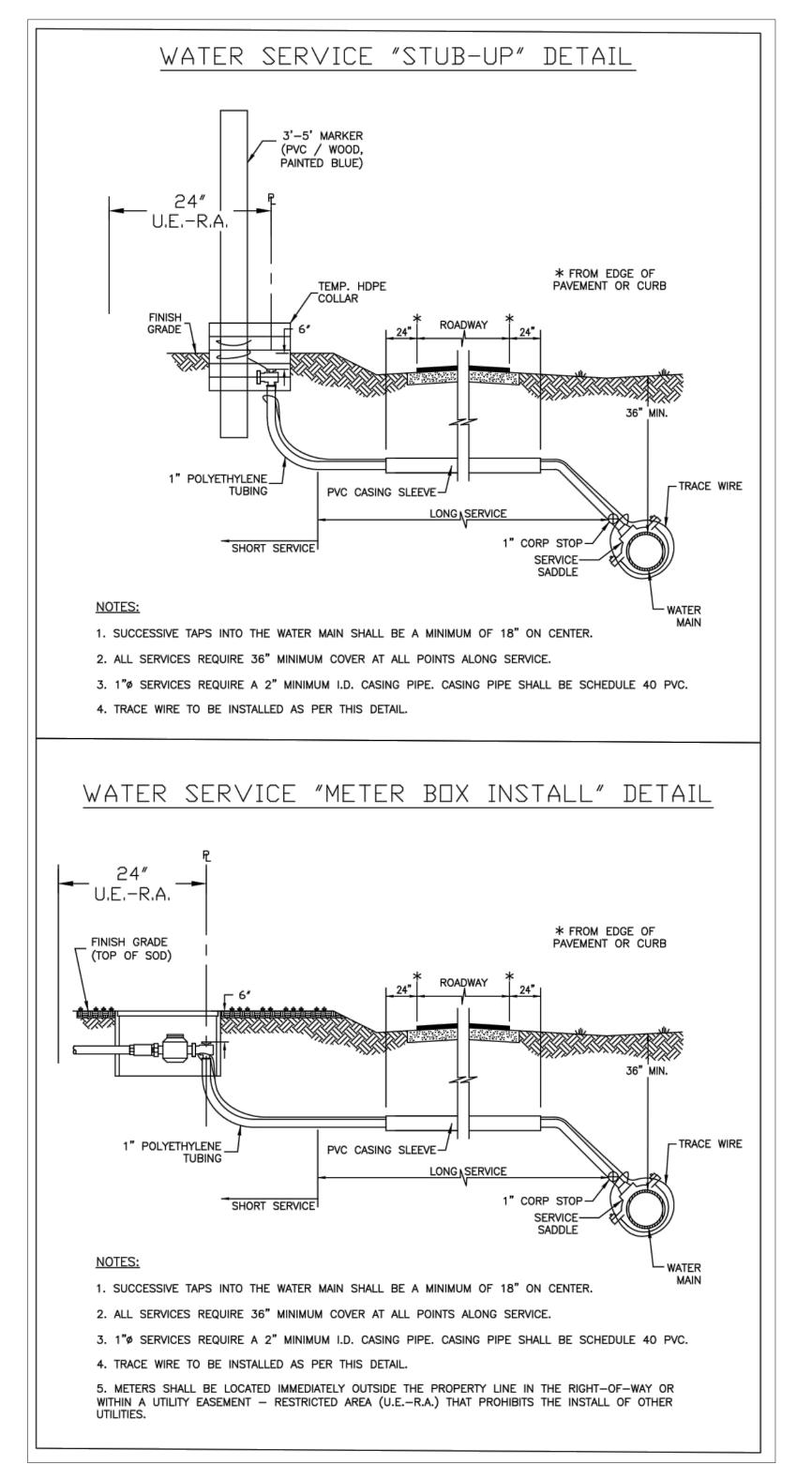
RESIDENTIAL LOTS

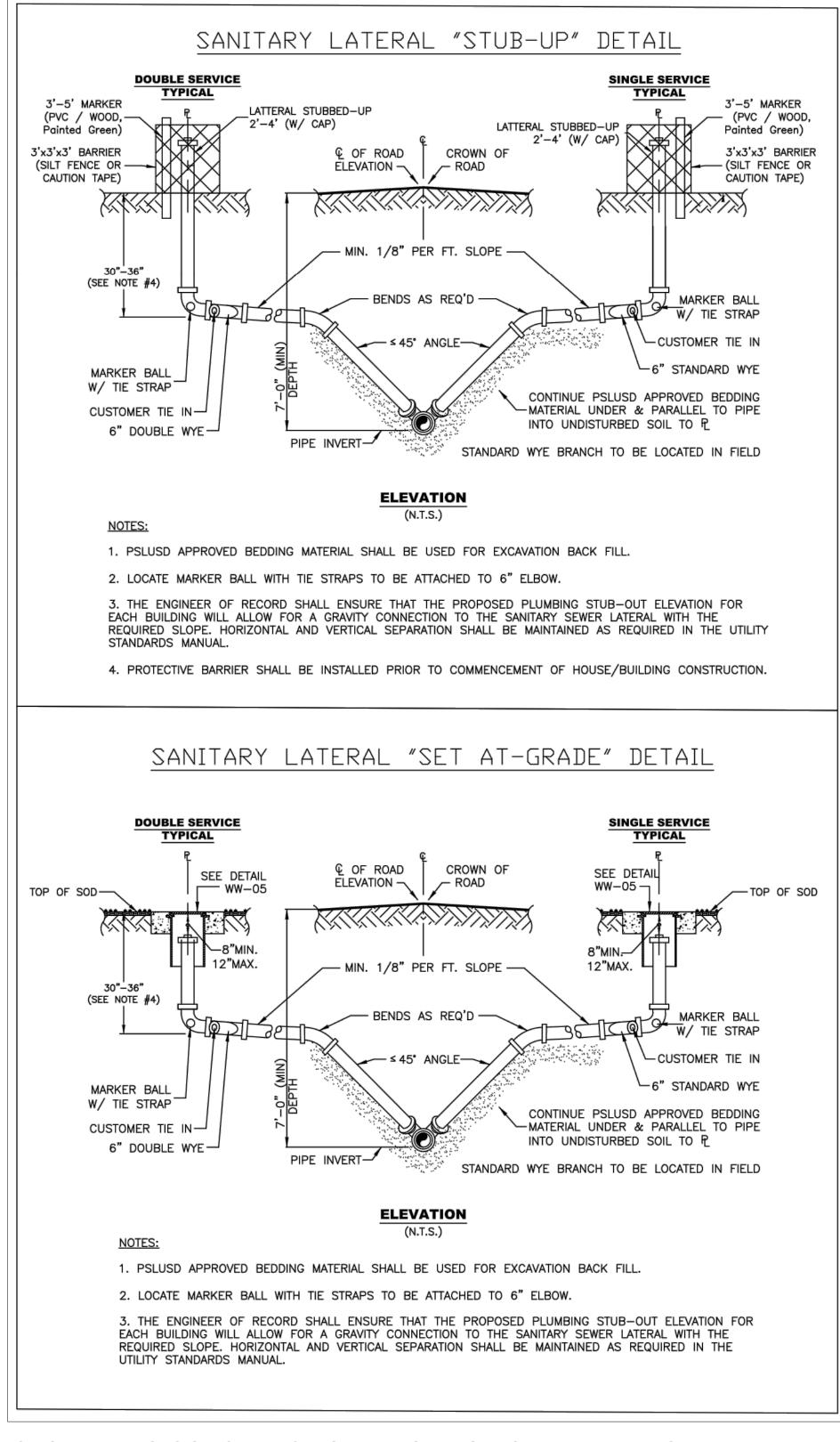
VERANO DEVELOPMENT











TEMPORARY CONDITION FOR WATER AND SEWER SERVICES DURING CONSTRUCTION PRIOR TO HOME BUILDING

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.

In the event of conflict specifications with these plans and the Utility Standards Manual, the more stringent requirement shall apply

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JUPITER, FL 33458
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BRANDON JUMER

No. 68345

PROFESSIONAL ENGINEER
September 19, 2022
FLORIDA BUSINESSIONAL ENGINEER
SHEET TITLE:

UTILITY DETAILS

SHEET NUMBER:

PORT ST. LUCIE PROJECT NO: P22-213

COMMENT:

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PROJECT No. DRAWN BY:

CHECKED BY: DATE: CAD I.D.: **REV PER SPRC**

BID SET

3 3-2-22 SHOP DRAWING REVIEW B

4 4-27-22 SHOP DRAWING REVIEW E

10-5-21

2 12-3-21

1. PROJECT NAME AND LOCATION INFORMATION:

VERANO SOUTH, PORT ST LUCIE, FLORIDA.

NATURE OF ACTIVITY:

RESIDENTIAL SUBDIVISION.

3. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE FOLLOWING SEQUENCES OF MAJOR ACTIVITIES SHALL BE FOLLOWED UNLESS THE CONTRACTOR CAN PROPOSE AN ALTERNATIVE THAT IS EQUAL OR EXCEEDS THE EROSION AND SEDIMENT CONTROL PRACTICES DESCRIBED IN THIS DOCUMENT, AND IS APPROVED BY THE ENGINEER. THE DETAILED SEQUENCE FOR THE ENTIRE PROJECT CAN VARY SIGNIFICANTLY FROM CONTRACTOR TO CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES.

- 1. PLACEMENT OF ALL EROSION CONTROL DEVICES.
- 2. CLEARING AND GRUBBING, EARTHWORK, AND EXCAVATION OF THE DETENTION AREAS.
- 3. INSTALL STORMWATER RETENTION BASIN.
- 4. CLEARING / GRUBBING OVER ALL AREAS.5. SITE GRADING.
- 6. INSTALL STORMWATER AND UTILITIES. 7. STABILIZE SITE

4. TOTAL SITE AREA:

78.37 ACRES

5. TOTAL AREA TO BE DISTURBED:

78.37 ACRES

S. SOILS DATA:

THE SOILS ARE SILTY FINE SAND TO CLEAN SANDS. THE SMALL SAND PARTICLE SIZE WILL MAKE THE POTENTIAL FOR EROSION HIGH.

7. DRAINAGE AREA SIZE FOR EACH DISCHARGE POINT:

LAT AND LONG OF EACH DISCHARGE POINT AND RECEIVING WATER

C-24 CANAL, ST LUCIE RIVER

CONTROLS AND BMPs:

PRIOR TO CLEARING, A SILT FENCE (TRENCHED 6" DEEP AND BACKFILLED ON THE UPHILL SIDE), SHALL BE INSTALLED AROUND THE PERIMETER OF THE SITE.

A ROCK ENTRANCE ROAD (THAT IS 60' LONG WITH A 6" DEPTH OF FDOT #1 STONE AND LINED WITH FILTER FABRIC) SHALL BE CONSTRUCTED TO MINIMIZE THE EFFECTS OF TRUCK TRAFFIC AND SEDIMENTATION TRACKING BOTH ON AND OFF OF THE SITE.

AFTER THE INITIAL SITE GRADING WORK, ALL PROPOSED INLETS(S) / OUTFALLS, ONCE INSTALLED, SHALL BE

PROTECTED FROM EROSION AND SEDIMENT RUNOFF BY THE USE OF FILTER FABRIC AND PROPERLY INSTALLED INLET FILTERS.

DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASES SHALL

THIS SWPPP WILL BE MODIFIED) NO LATER THAT 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. SEEDING SHALL BE THE SAME AS IN TEMPORARY SEDDING.

ALL INSTALLATION SHALL BE COMMENCED AS DEPICTED ON THE ATTACHED SITE MAP AND INSTALLATION

BE STABILIZED WITH SOD OR OTHER PERMANENT STABILIZATION METHODS IF OTHER METHODS ARE USED,

10. STABILIZATION PRACTICES:

"TYPICALS" SHEET.

TEMPORARY SEEDING SHALL BE RYE GRASS OR OTHER APPROPRIATE GROUND COVERS DEPENDING UPON SEASON OF INSTALLATION THAT IS APPLIED AT MANUFACTURES RECOMMENDATIONS TO ANY DISTURBED AREAS THAT ARE INACTIVE FOR MORE THAN 7 DAYS.

SOD SHALL BE USED TO STABILIZED THE SIDES OF THE DETENTION BASINS.

FILTER FABRIC SHALL BE PLACED UNDER THE ROCK ENTRANCE / EXIT.

VEGETATIVE BUFFERS IF ANY SHALL BE LEFT UNDISTURBED ALONG THE BOUNDARIES OF THE PROPERTY WITH THE EXCEPTION OF EXOTIC REMOVAL.

11. STRUCTURAL CONTROLS:

A SILT FENCE (WITH THE SAME INSTALLATION AS INDICATED UNDER THE BEST MANAGEMENT PRACTICES HEADING) SHALL BE PLACED AROUND THE ENTIRE PERIMETER OF EACH CONSTRUCTION PHASE.

A WET DETENTION BASIN SHALL BE CONSTRUCTED WHICH MAY BE USED AS A TEMPORARY SEDIMENT BASIN (PRIOR TO BEING CONNECTED TO A DISCHARGE STRUCTURE) IF NEEDED. CARE SHALL BE TAKEN TO ASSURE THE REMOVAL OF ACCUMULATED FINE SEDIMENTS AND THAT THE EXCESSIVE COMPACTION OF SOIL BY CONSTRUCTION MACHINERY IS AVOIDED.

INLET(S) / OUTFALLS SHALL BE PROTECTED WITH FILTER FABRIC AND PROPERLY INSTALLED INLET FILTERS (WITH THE SAME INSTALLATION AS INDICATED UNDER THE BEST MANAGEMENT PRACTICES HEADING).

12. <u>SEDIMENT BASINS:</u>

NO TEMPORARY SEDIMENTATION BASINS ARE PROPOSED. THE DETENTION BASINS (PRIOR TO BEING CONNECTED TO A DISCHARGE STRUCTURE) MAY BE USED AS A TEMPORARY SEDIMENT BASIN IF NEEDED.

13. STORMWATER MANAGEMENT:

STORMWATER WILL BE CONVEYED IN STORM SEWER SYSTEM, CROSS DRAINS, AND SWALES TO STORMWATER RETENTION/DETENTION LAKES.

14. <u>WASTE DISPOSAL:</u>

ALL CONSTRUCTION MATERIALS AND DEBRIS WILL BE PLACED IN A DUMPSTER AND HAULED OFF SITE TO A LAND FILL OR OTHER PROPER DISPOSAL SITE. NO MATERIALS WILL BE BURIED ON SITE.

15. OFF-SITE VEHICLE TRACKING:

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.

16. FERTILIZERS, HERBICIDES, AND PESTICIDES:

FLORIDA-FRIENDLY FERTILIZERS AND PESTICIDES WILL BE USED AT A MINIMUM AND IN ACCORDANCE WITH THE MANUFACTURE'S SUGGESTED APPLICATION RATES. NO FERTILIZERS WILL BE STORED ON SITE.

17. TOXIC SUBSTANCES:

ALL PAINTS AND OTHER CHEMICALS WILL BE STORED IN A LOCKED COVERED SHED.

18. OTHER CONTROLS:

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 DE DESIGNATED AT ALL TIMES AND WILL NOT BE LOCATED IN ANY AREA THAT WILL ALLOW FOR THE DISCHARGE OF POLLUTED RUNOFF. A SMALL VEGETATED BERM SHALL BE PLACED AROUND THE WASHDOWN AREA.

19. MAINTENANCE:

CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY SEDIMENT AND EROSIONS CONTROL FEATURES IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS OR AS FOLLOWS, WHICHEVER IS MORE STRINGENT.

SILT FENCE SHALL BE INSPECTED AT LEAST WEEKLY. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.

MAINTENANCE SHALL BE PREFORMED ON THE ROCK ENTRANCE WHEN ANY VOID SPACES ARE FULL OF SEDIMENT.

INLET(S) / OUTFALLS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAIN EVENT AND ANY REQUIRED REPAIRS TO THE FILTER INLETS, SILT FENCE, OF FILTER FABRIC SHALL BE PREFORMED IMMEDIATELY. BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED SHALL BE RESEEDED PER MANUFACTURES INSTRUCTIONS.

MULCH AND SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY.
MAINTAIN ALL OTHER AREAS OF THE SITE WITH PROPER CONTROLS AS NECESSARY.

20. INSPECTION:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES GREATER.

POINTS OF DISCHARGE.
ALL DISTURBED AREAS OF CONSTRUCTION THAT NOT BEEN STABILIZED.
CONSTRUCTED AREAS WHERE VEHICLES ENTER OR EXITS THE SITE.

WHERE SITES HAVE BEEN FINALLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH UNTIL THE NOTICE OF TERMINATION IS

21. NON-STORMWATER DISCHARGES

ALL BMP'S.

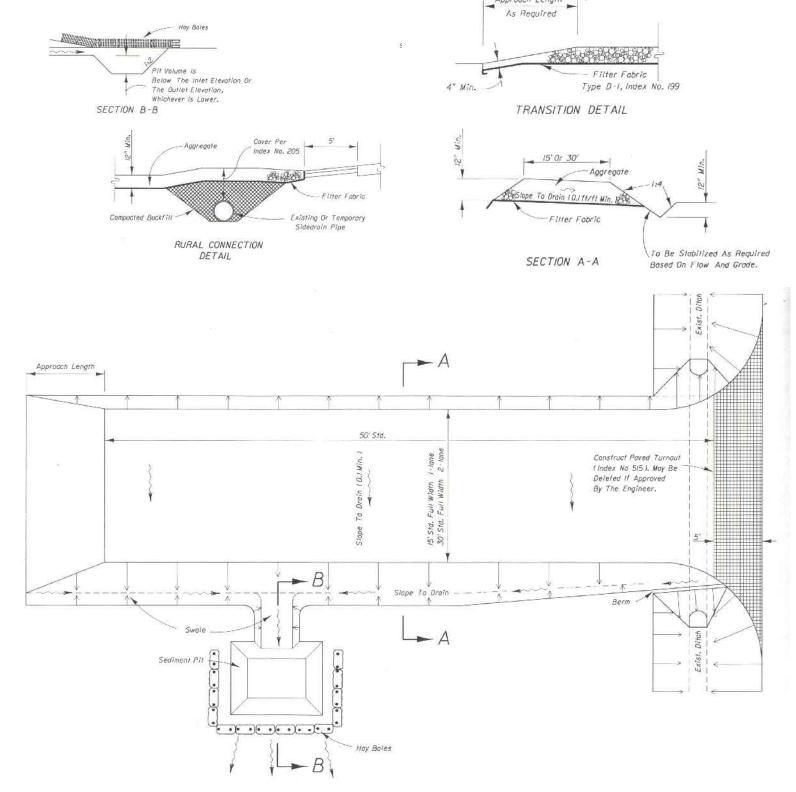
IT IS EXPECTED THAT THE FOLLOWING NON-STORMWATER DISCHARGES MAY OCCUR FORM THE SITE DURING CONSTRUCTION PERIOD: WASH WATER (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED), AND UNCONTAMINATED GROUDWATER (FROM DEWATERING EXCAVATION). DEWATERING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SFWMD WATER USE PERMIT. IF SAID DISCHARGE DO OCCUR, THEY WILL BE DIRECTED TO THE TEMPORARY SEDIMENT BASIN PRIOR TO DISCHARGE. TURBID WATER FROM THE STORMWATER POND SHALL NOT BE PUMPED DIRECTLY INTO THE RECEIVING WATERS. ANY PUMPED WATER FROM THE STORMWATER POND SHALL BE TREATED SO AS NOT TO NOT ALLOW A DISCHARGE OF POLLUTED STORMWATER. TREATMENT CAN INCLUDE SILT FENCES, SETTLING PONDS, THE PROPER USE OF FLOCCULATING AGENTS OR OTHER APPROPRIATE MEANS.

22. RESPONSIBLE ENTITIES:

THIS SWPP 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 FOLLOWING CERTIFICATION:

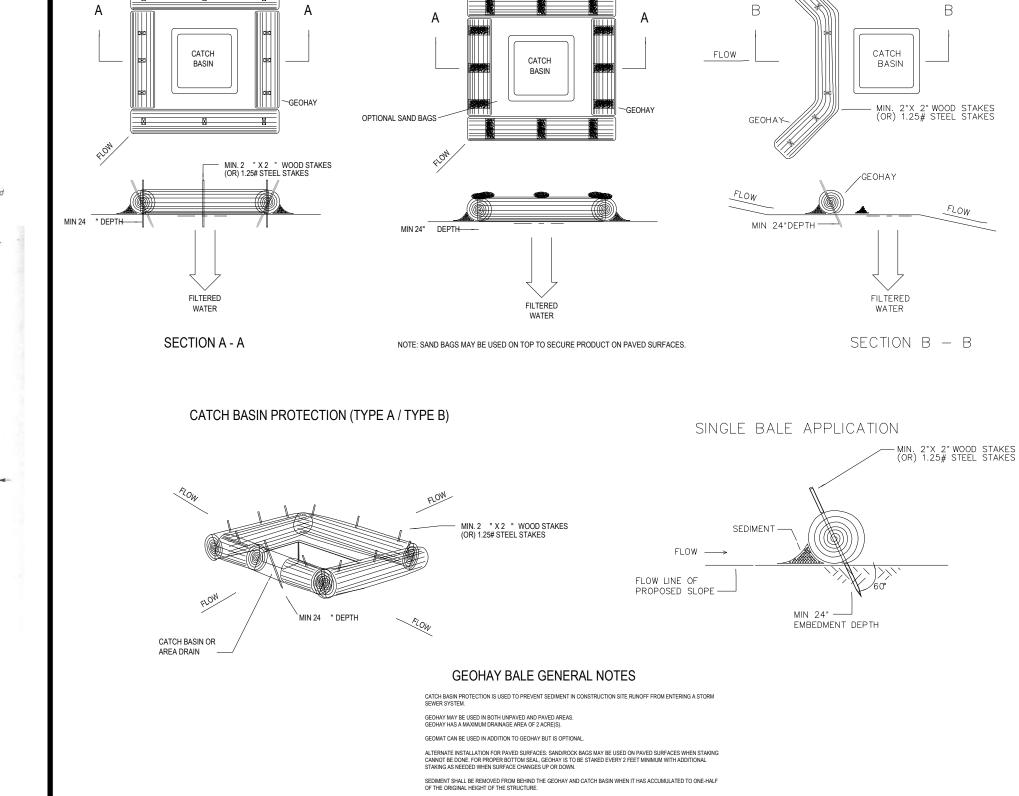
"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

23.	NAME AND TITLE	COMPANY NAME, ADDRESS, AND PHONE NUMBER	DATE



SOIL TRACKING PREVENTION TYPE A

SCALE: NONE

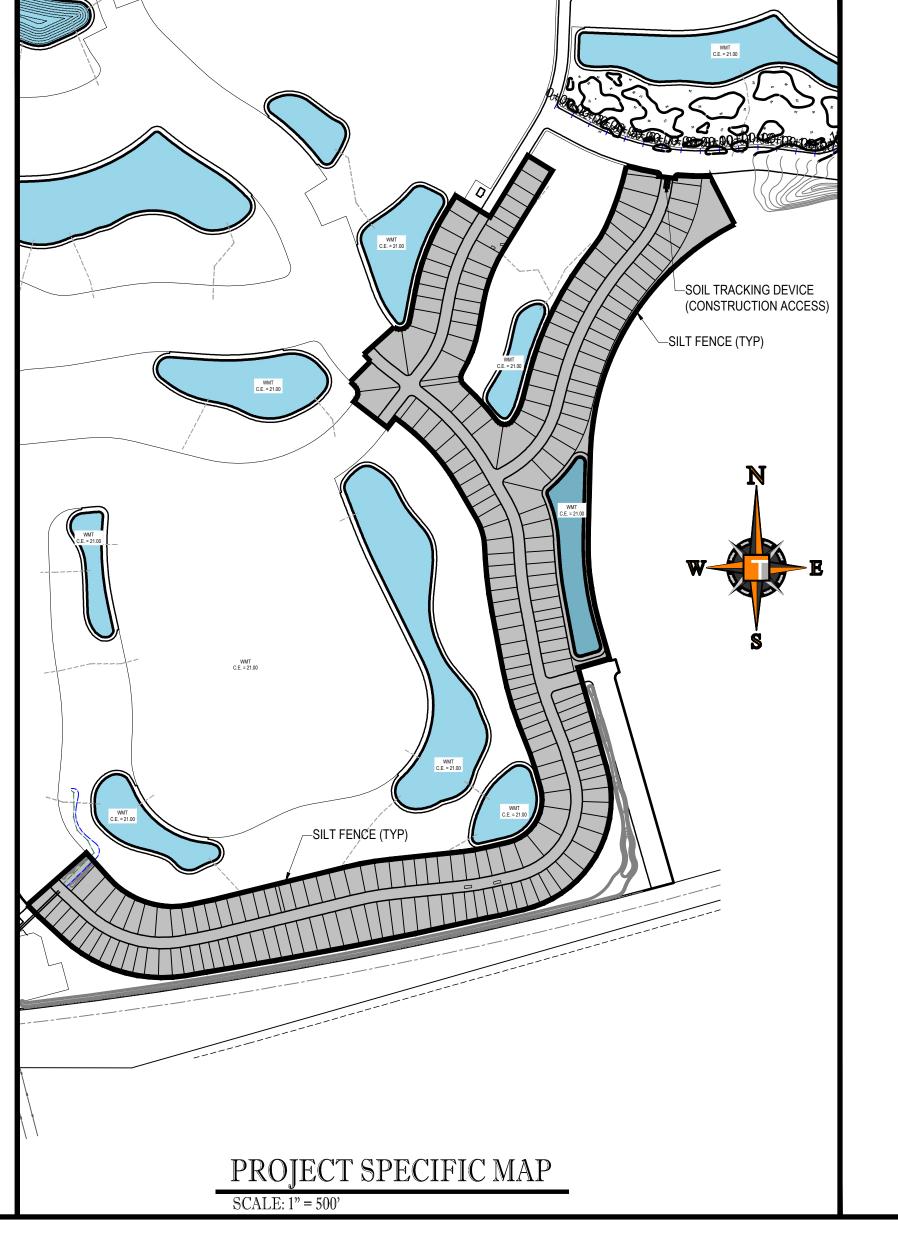


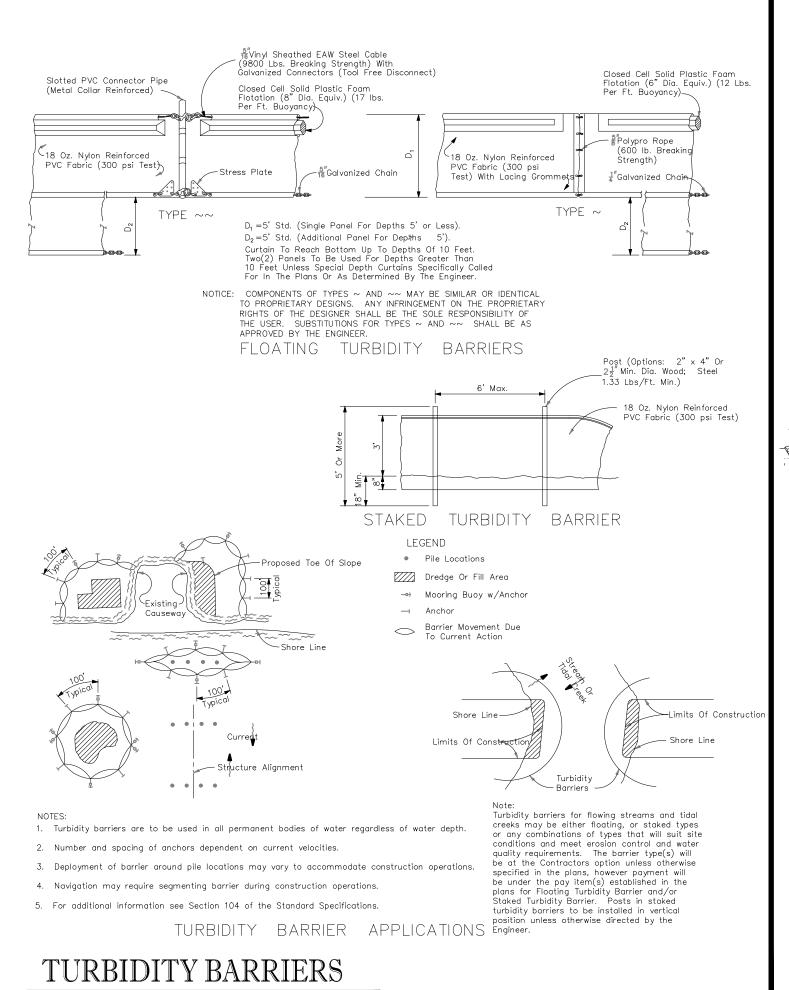
CATCH BASIN PROTECTION (TYPE A / TYPE B)

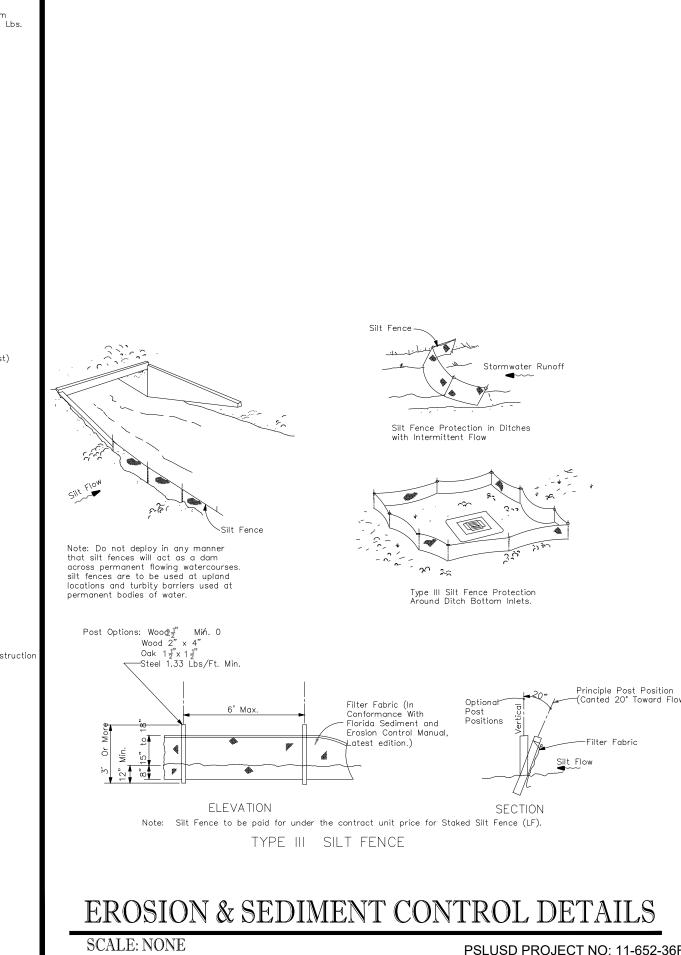
ALTERNATIVE FOR PAVED AREAS

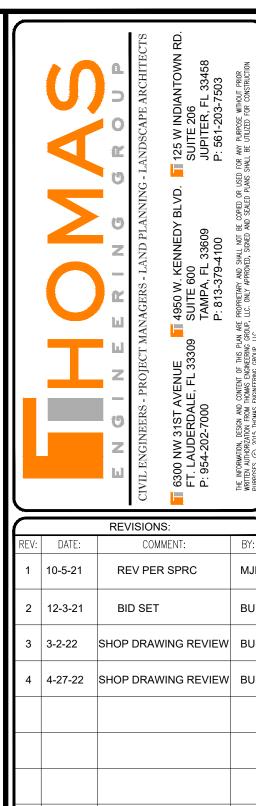
CATCH BASIN PROTECTION (TYPE A / TYPE B)



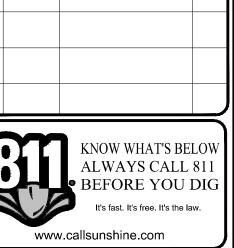








CATCH BASIN PROTECTION (TYPE



PROJECT No.: FJ160006
DRAWN BY: MJL
CHECKED BY: BML
DATE: 7-1-2'
CAD I.D.: FJ160006-SWPPF

VERANO SOUTH
POD G - PLAT 4

RESIDENTIAL LOTS
FOR—

VERANO DEVELOPMENT

PORT SAINT LUCIE FLORIDA

ПНОМА

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SHEET TITLE:

SWPPP

C-35(G4)