

CONSTRUCTION PLANS

FOR

Del Webb®

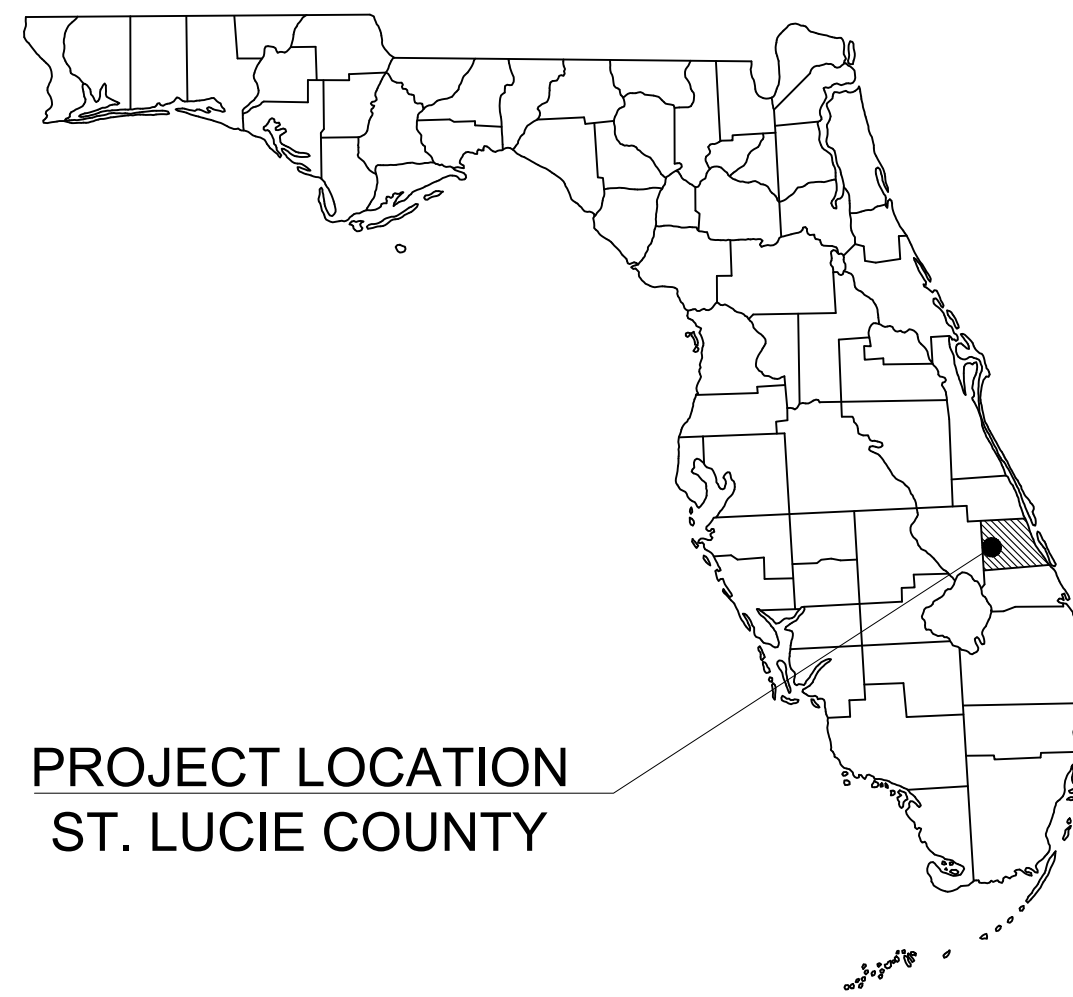
AT TRADITION

PHASE 5A

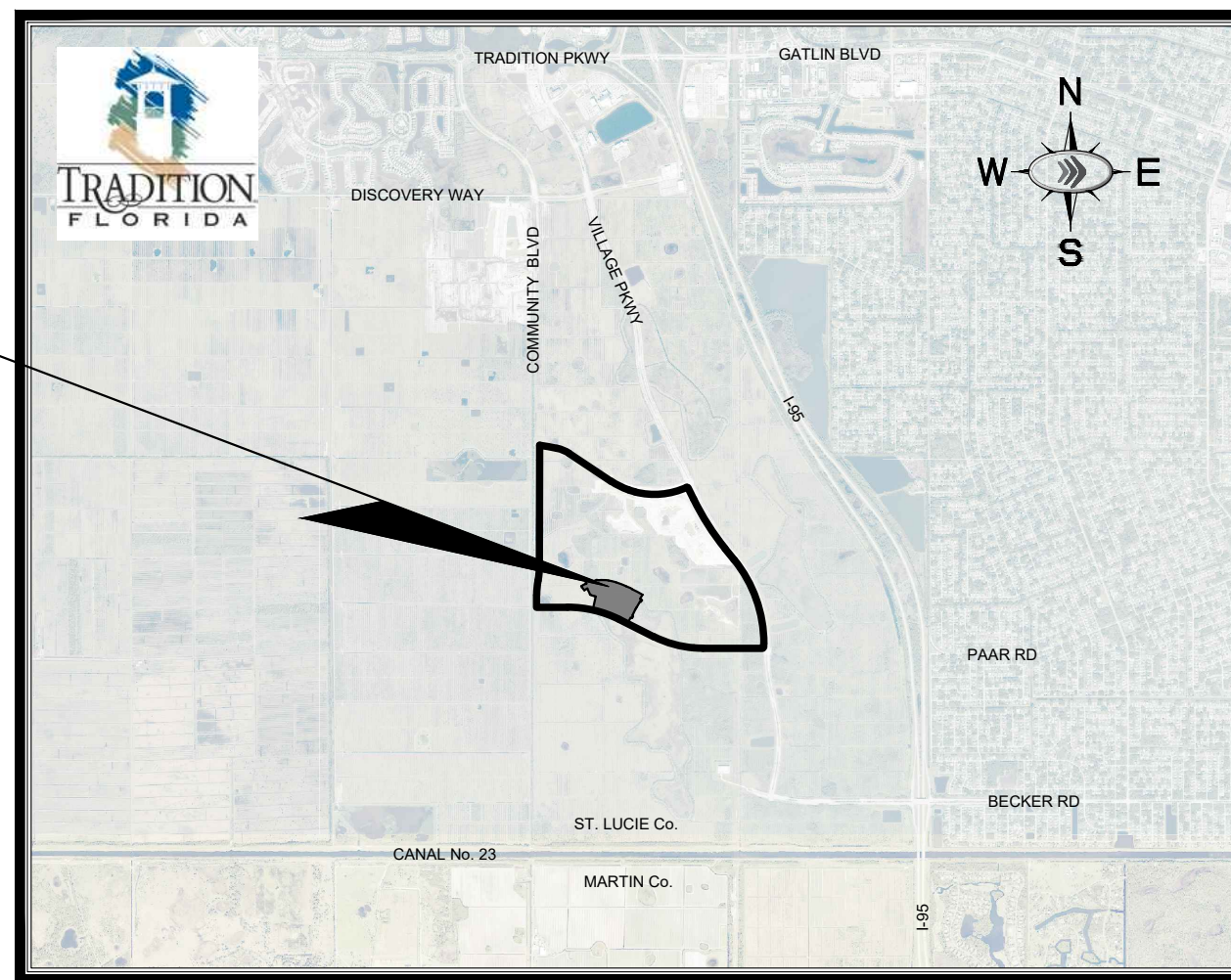
LOCATED IN

TOWN OF TRADITION

PORT ST. LUCIE, FLORIDA 34987



PROJECT LOCATION
ST. LUCIE COUNTY



DEL WEBB at TRADITION
PULTE GROUP

VICINITY
SCALE: 1" = 5,000'

PROJECT TEAM

OWNER/DEVELOPER
PATRICK GONZALEZ, P.E.
PULTE GROUP, INC.
440 PGA BOULEVARD, SUITE 700
PALM BEACH GARDEN, FL 33410
(561) 206-1409

PLANNER/L.A.
STEVE GARRETT, R.L.A.
LUCIDO AND ASSOCIATES, INC.
701 SE OCEAN BLVD.
STUART, FL 34994
(772) 220-2100

CIVIL ENGINEER
KINAN HUSAINY, P.E.
KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200
VERO BEACH, FLORIDA 32960
(772) 794-4100
FAX (772) 794-4130

ARCHITECT
PULTE GROUP ARCHITECTS
24311 WALDEN CENTER DRIVE
SUITE 300
BONITA SPRINGS, FL. 34134

SURVEYOR
DAVID P. LINDLEY R.L.S.
CAUFIELD & WHEELER
7900 GLADES ROAD
SUITE 100
BOCA RATON, FL. 33434
(561) 392-1991

ENVIRONMENTAL
EW CONSULTANTS
601 HERITAGE DRIVE
SUITE 108
JUPITER, FL. 33458

ADDITIONAL GOVERNING AGENCIES CONTACTS:

PLANNING/ZONING
CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD
PORT ST. LUCIE, FL 34984
(772) 871-5212

FIRE CHIEF
RON PARRISH
ST. LUCIE COUNTY FIRE DEPT.
5160 N.W. MILNER DRIVE
PORT ST. LUCIE, FL 34983
(772) 621-3400

STORMWATER
GLEN GAREAU
S. FL. WATER MANAGEMENT DISTRICT
3301 GUN CLUB ROAD
WEST PALM BEACH, FL 33406
(561) 686-8800

ENGINEERING
ROXANNE CHESSER
CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD
PORT ST. LUCIE, FL 34984
(772) 871-5100

Sheet Number	Sheet Title
C-000	COVER SHEET
C-001	GENERAL NOTES
C-025	DEWATERING PLAN
C-100	SWPPP PH1
C-125	SWPPP PLANS PH2
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C-175	CLEARING AND GRUBBING PLAN
C-200	OVERALL PAING AND DRAINAGE PLAN
C-201	PAVING AND DRAINAGE PLANS
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C-303	WATER AND SEWER PLANS
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C-305	WATER AND SEWER PLANS
C-306	WATER AND SEWER PLANS
C-400	OVERALL STREET PROFILES
C-401	STREET PROFILES
C-402	STREET PROFILES

LEGAL DESCRIPTION

PARCELS 27A AND 27B, AS SHOWN ON THE PLAT OF SOUTHERN GROVE PLAT NO. 13, RECORDED IN PLAT BOOK 74, PAGE 10, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.

TOGETHER WITH:

A PORTION OF THE RIGHT-OF-WAY FOR THE E/W 3 R/W (EXHIBIT E), AS RECORDED 1N OFFICIAL RECORD BOOK 2899 PAGE 2933, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST NORTHERLY NORTHEAST CORNER OF SAID PARCEL 27A; THENCE N 25°57'21"W, A DISTANCE OF 150.04 FEET TO THE SOUTHEAST CORNER OF PARCEL 25D OF SAID SOUTHERN GROVE PLAT NO. 13, AND THE BEGINNING OF A NON-TANGENT CURVE, CONCAVE TO THE NORTH, HAVING A RADIUS OF 1,925.00 FEET (A RADIAL LINE TO SAID POINT BEARS N 25°57'21"W); THENCE WESTERLY ALONG THE ARC OF THE NORTH LINE OF SAID E/W 3 R/W, THROUGH A CENTRAL ANGLE OF 58°07'40", A DISTANCE OF 1952.95 FEET TO A POINT ON A NON TANGENT CURVE; THENCE SOUTHWESTERLY ALONG THE ARC OF A CURVE TO THE LEFT WHOSE RADIUS POINT BEARS S23°59'16E, HAVING A RADIUS OF 140.00 FEET, A CENTRAL ANGLE OF 64°47'05", AN ARC DISTANCE OF 158.30 FEET TO A POINT OF INTERSECTION WITH THE SOUTH LINE OF SAID E/W 3 R/W; THENCE S56°22'38"E ALONG SAID SOUTH LINE, R/W, A DISTANCE OF 371.53 FEET TO A POINT OF CURVATURE, THENCE SOUTHEASTERLY CONTINUING ALONG SAID SOUTH LINE OF SAID E/W 3 R/W ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 2075.00 FEET, A CENTRAL ANGLE OF 58°13'58", AN ARC DISTANCE OF 2108.93 FEET TO THE POINT OF BEGINNING.

SAID LANDS LYING IN SECTIONS 22 AND 27, TOWNSHIP 37 SOUTH, RANGE 39 EAST, CITY OF PORT ST. LUCIE, ST. LUCIE COUNTY, FLORIDA.

CONTAINING 207.9737 ACRES, MORE OR LESS.

Plotted By: Gomez, Jonathan Sheet Set: Southern grove del web ph 5a Layout: C-000 COV SH1 May 05, 2021 02:24:24pm K:\V8B_LDEV\southern grove - del webb\CAD\del webb phase 5-6\CAD\plan sheets\C-000 COVER SHEET-Del Webb-Ph5a.dwg
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Kimley»Horn
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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
KINAN F. HUSAINY
STATE LICENSE NUMBER
75481
DATE: _____

KHA PROJECT
00000000
DATE
11/16/2020
SCALE AS SHOWN
DESIGNED BY MJP
DRAWN BY MJP
CHECKED BY KFH

COVER SHEET

Del Webb®
AT TRADITION - PHASE 5A
PREPARED FOR
Pulte Group

FLORIDA
PORT ST. LUCIE

CALL 48 HOURS BEFORE YOU DIG
811
IT'S THE LAW! DIAL 811
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SUNSHINE STATE ONE CALL OF FLORIDA, INC.
VERTICAL DATUM
ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NAVD '88 ELEVATION TO GET THE NAVD '88 ELEVATION.

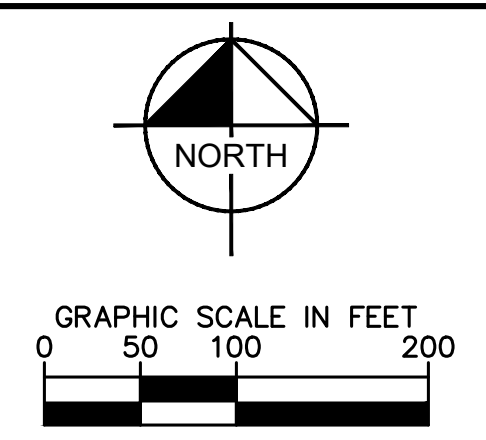
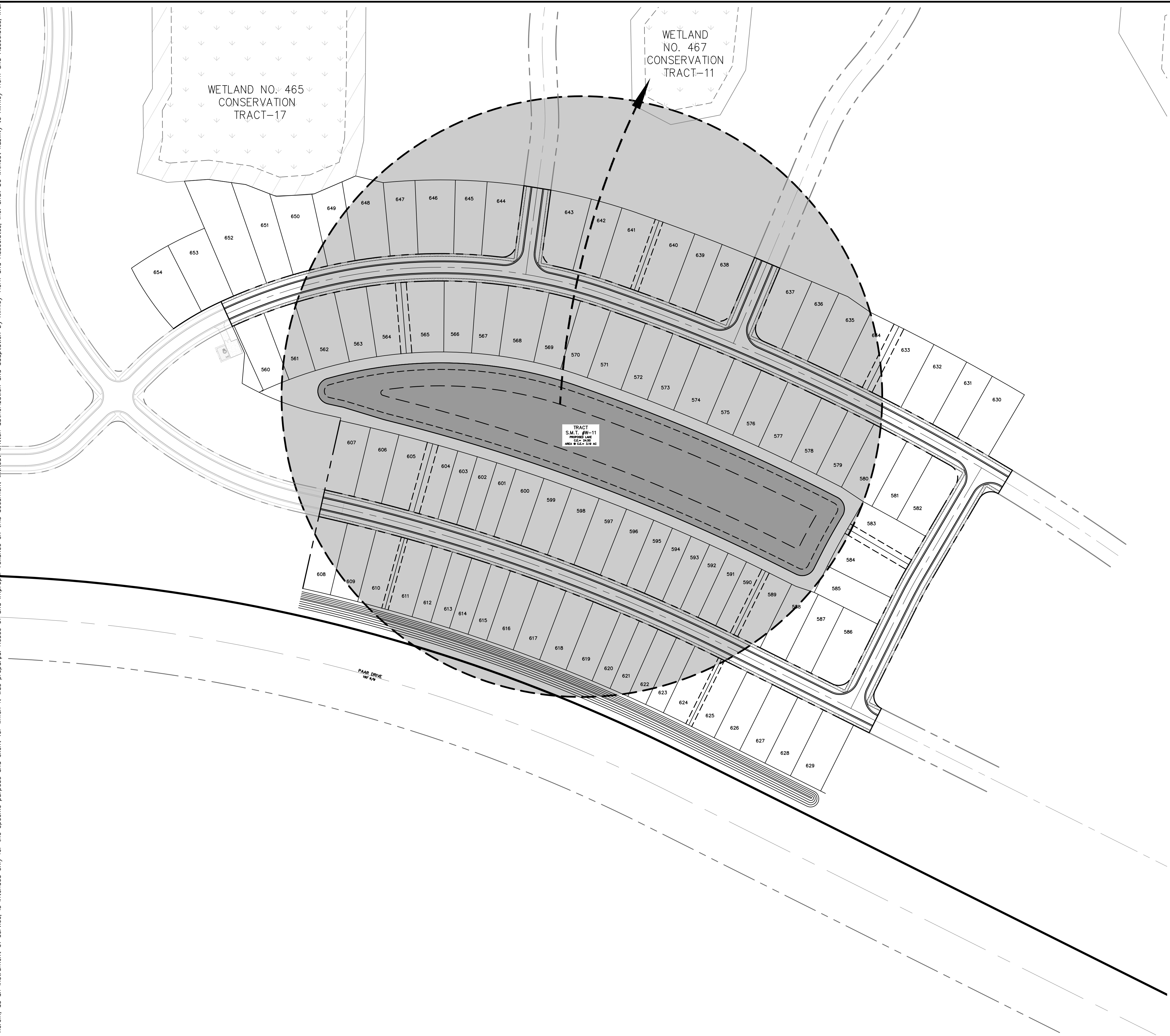
PSLUSD PROJECT #
5212D

CITY OF PORT ST. LUCIE PROJECT #
P21-016

SHEET NUMBER
C-000

PREPARED BY:
Kimley»Horn

Plotted By: Gomez, Jonathan. Sheet Set: Southern grove del web ph 50. L:\D\011C-025 DEWATERING PLAN - May 05, 2021. 02:24:38pm. K:\WEB\05A Southern grove - del web\CAD\del web phase 5-6\CAD plansheets\C-025 DEWATERING PLAN.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



- DEWATERING NOTES:**
1. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE APPROPRIATE DEWATERING METHOD. THE DEWATERING METHODOLOGY SHOULD TAKE INTO CONSIDERATION THE REQUIREMENTS FOR DEWATERING EFFLUENT MANAGEMENT. THIS SHOULD BE INCLUDED IN THE BASE BID.
 2. THE SEQUENCING OF THE DEWATERING OPERATIONS SHALL BE DETERMINED BY THE CONTRACTOR BASED ON THE PROPOSED CONSTRUCTION SCHEDULE.
 3. THE DEWATERING SHALL BE PERFORMED IN ACCORDANCE WITH THE DEWATERING PERMIT FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT, CITY OF PORT ST. LUCIE, AND FDEP.
 4. CEC, SFWMD, AND CITY OF PORT ST. LUCIE SHALL BE NOTIFIED THREE DAYS (72 HOURS) PRIOR TO THE START OF ANY DEWATERING ACTIVITIES ON THE SITE.
 5. THE CONTRACTOR SHALL ENSURE THAT THE VOLUME/VELOCITY OF THE EFFLUENT DISCHARGE DOES NOT CAUSE EROSION AT THE OUTLET.
 6. DEWATERING SHALL CEASE PRIOR TO AND DURING ANY RAIN EVENT.
 7. THE SEASONAL HIGH WATER TABLE ELEVATION IS ASSUMED TO BE 23.25' FEET NAVD PER THE EXISTING CONCEPTUAL PERMIT.
 8. THE CONTRACTOR SHALL VISUALLY MONITOR THE DEWATERING EFFLUENT DAILY NOTING THE PRESENCE OR ABSENCE OF TURBIDITY, CHEMICAL ODORS, OILY SHEENS, FREE PRODUCT, OR OTHER EVIDENCE OF CONTAMINATION. THE TIME AND DATE OF THE OBSERVATIONS SHALL BE RECORDED IN LOG MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR WILL ALSO MAINTAIN IN THE LOG THE LOCATION AND DURATION OF EACH DEWATERING AREA.
 9. IF CONTAMINATION IS IDENTIFIED DURING DEWATERING THE CONTRACTOR SHALL CEASE DEWATERING OPERATIONS IMMEDIATELY, ENSURING THAT SUCH ACTION DOES NOT RESULT IN UNSAFE WORKING CONDITIONS OR CONDITIONS IMMEDIATELY DANGEROUS TO LIFE OR HEALTH.
 10. THE CIVIL ENGINEERING CONSULTANT SHALL BE NOTIFIED IMMEDIATELY UPON THE DISCOVERY OF SOIL OR GROUND WATER CONTAMINATION DURING THE EXCAVATION AND DEWATERING OPERATIONS. THE CONTRACTOR SHALL BEGIN MITIGATION PROCEDURES UNDER THE DIRECTION OF THE CIVIL ENGINEERING CONSULTANT.
 11. IF SAFE WORKING CONDITIONS PREVAIL, THE CONTRACTOR SHALL ATTEMPT TO VISUALLY ASSESS THE NATURE, EXTENT AND SOURCE OF THE CONTAMINATION USING NON-INVASIVE PROCEDURES UNDER THE DIRECTION OF THE CIVIL ENGINEERING CONSULTANT.
 12. UPON DISCOVERY OF PREVIOUSLY UNIDENTIFIED CONTAMINATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING WORKER HEALTH AND SAFETY AND DETERMINING WHETHER UNSAFE WORKING CONDITIONS PREVAIL. IF UNSAFE WORKING CONDITIONS PREVAIL, THE CONTRACTOR WILL BE RESPONSIBLE FOR STOPPING WORK IMMEDIATELY IN THE AFFECTED AREA(S).
 13. THE CIVIL ENGINEERING CONSULTANT WILL CONDUCT A PRELIMINARY ASSESSMENT OF THE AFFECTED AREA(S) AND DETERMINE THE APPROPRIATE COURSE OF ACTION.
 14. THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT SUPPLY OF ABSORBENT PADS OR BOOMS IN THE EVENT THAT FREE PRODUCT IS IDENTIFIED DURING DEWATERING. THE PADS AND BOOMS MAY BE USED TO COLLECT OR CONTAIN THE FREE PRODUCT AND PRECLUDE IT FROM SPREADING BEYOND THE IMMEDIATELY AFFECTED AREA.
 15. THE NATURE AND EXTENT OF ANY IDENTIFIED CONTAMINATION WILL DICTATE THE CORRESPONDING MITIGATION PROCEDURES. IT MAY BE POSSIBLE TO RESUME DEWATERING USING APPROPRIATE MEANS TO TREAT OR OTHERWISE ADDRESS THE CONTAMINATION. HOWEVER, SUCH DETERMINATIONS SHALL BE MADE BY THE CIVIL ENGINEERING CONSULTANT.
 16. THE AREAS OF DEWATERING SHOWN ARE APPROXIMATE. ANY ADDITIONAL DEWATERING AREAS REQUIRED SHALL BE INCLUDED IN THE CONTRACTORS BASE BID.

WATER QUALITY MONITORING NOTES:

WATER QUALITY MONITORING FOR TURBIDITY SHALL BE TAKEN A MINIMUM OF TWICE DAILY DURING DEWATERING OPERATIONS. TURBIDITY LEVELS SHALL BE MONITORED IN ACCORDANCE WITH THE FOLLOWING PROGRAM:

TURBIDITY SHALL BE EXPRESSED IN NEPHELOMETRIC TURBIDITY UNITS (NTU).

BACKGROUND SAMPLES SHALL BE TAKEN 200 FEET UPSTREAM OF THE DEWATERING POINT OF DISCHARGE IN THE LAKE SHOWN. UPSTREAM BACKGROUND SAMPLES MUST BE TAKEN AT A MINIMUM OF TWICE DAILY TO DETERMINE COMPLIANCE WITH STATE WATER QUALITY STANDARDS FOR TURBIDITY.

SAMPLES SHALL BE TAKEN TWICE DAILY, WITH AT LEAST A FOUR-HOUR INTERVAL, AT THE DEWATERING DISCHARGE FROM THE SITE.

MONITORING SHALL BEGIN ON THE FIRST DAY OF DEWATERING ACTIVITIES. MONITORING SHALL CEASE WHEN ALL DEWATERING HAS BEEN COMPLETED. THE MONITORING DATA MUST DEMONSTRATE THAT COMPLIANCE TURBIDITY SAMPLES ARE LESS THAN 29 NTU'S ABOVE NATURAL BACKGROUND TURBIDITY LEVELS.

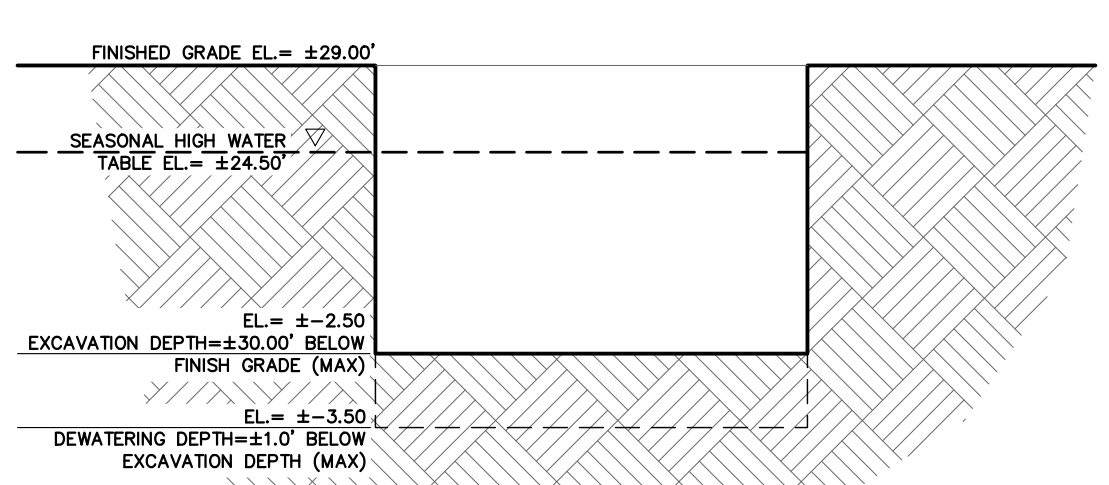
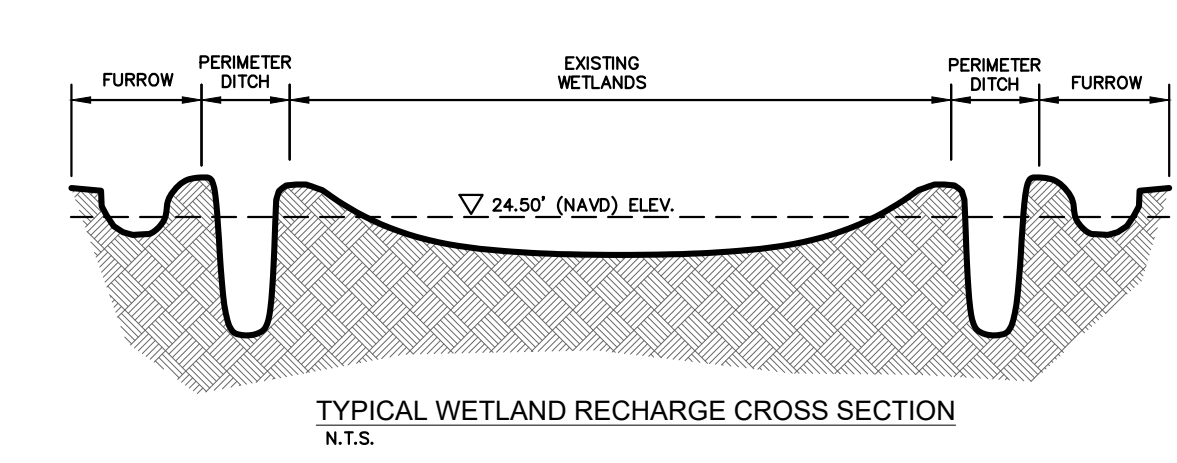
ALL MONITORING DATA SHALL BE MAINTAINED ON SITE AND BE AVAILABLE TO DISTRICT STAFF DURING REGULAR BUSINESS HOURS. ALL MONITORING DATA SHALL BE SUBMITTED WITHIN ONE (1) WEEK OF ANALYSIS AND THE MONITORING REPORTS SHALL CONTAIN THE FOLLOWING INFORMATION: 1) PERMIT AND APPLICATION NUMBER; 2) DATES OF SAMPLING AND ANALYSIS; 3) A STATEMENT DESCRIBING THE METHODS USED IN COLLECTION, HANDLING, STORAGE AND ANALYSIS OF THE SAMPLES; 4) A MAP INDICATING THE SAMPLING LOCATIONS AND 5) A STATEMENT BY THE INDIVIDUAL RESPONSIBLE FOR IMPLEMENTATION OF THE SAMPLING PROGRAM CONCERNING THE AUTHENTICITY, PRECISION, LIMITS OF DETECTION AND ACCURACY OF THE DATA.

MONITORING REPORTS SHALL ALSO INCLUDE THE FOLLOWING INFORMATION FOR EACH SAMPLE THAT IS TAKEN:

- (A) TIME OF DAY SAMPLES TAKEN;
- (B) DEPTH OF WATER BODY;
- (C) DEPTH OF SAMPLES;
- (D) ANTECEDENT WEATHER CONDITIONS;
- (E) WIND DIRECTION AND VELOCITY; AND
- (F) TIDAL STAGE AND DIRECTION OF FLOW.

IF WATER QUALITY MONITORING REVEALS TURBIDITY LEVELS DOWNSTREAM OF THE SITE TO BE MORE THAN 29 NTU'S ABOVE NATURAL BACKGROUND TURBIDITY LEVELS, DEWATERING ACTIVITIES SHALL CEASE AND DISTRICT COMPLIANCE STAFF SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL DISTRICT STAFF ARE SATISFIED THAT ADEQUATE CORRECTIVE MEASURES HAVE BEEN TAKEN AND TURBIDITY HAS RETURNED TO ACCEPTABLE LEVELS.

MONITORING REPORTS SHALL BE SUBMITTED TO THE DISTRICT ENVIRONMENTAL RESOURCE COMPLIANCE STAFF. FAILURE TO SUBMIT REPORTS IN A TIMELY MANNER (AS INDICATED ABOVE) CONSTITUTES GROUNDS FOR REVOCATION OF THE PERMIT, ENFORCEMENT OR OTHER ACTION BY THE DISTRICT.



- LEGEND**
- APPROXIMATE DEWATERING AREA BY MEANS OF PUMP AND/OR WELL POINT SYSTEMS.
 - DEWATERING EFFLUENT LOCATION. FINAL LOCATION TO BE DETERMINED BY CONTRACTOR. CONTRACTOR MUST USE A SOCK/BAG TO CONTROL TURBID WATER FROM LEAVING SITE.
 - 550' DIAMETER CIRCLE (SEE RADIUS OF INFLUENCE CALCS)

DEWATERING SCHEDULE (LAKES)

AREA	DAYS	# OF PUMPS	MAX PUMPING HOURS	GPM	MAX. DAILY PUMPAGE	AVG. DAILY PUMPAGE
LAKE 1	21	2	210	1500	900,000	450,000
TOTALS	21 DAYS		210 HOURS		TOTAL PUMPAGE: 9,450,000 GALLONS	

*10 HOURS OF PUMPING PER DAY

TOTAL PUMPAGE = 9,450,000 GALLONS

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

PSLUSD PROJECT # **5212D**

CITY OF PORT ST. LUCIE PROJECT # **P21-016**

SHEET NUMBER **C-025**

Kimley»Horn

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445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL KIMAN F. HUSAINY
STATE LICENSE NUMBER 75481

KHA PROJECT 00000000
DATE 11/16/2020
SCALE AS SHOWN
DESIGNED BY MJP
DRAWN BY MJP
CHECKED BY KFH

DEWATERING PLAN

Del Webb
AT TRADITION - PHASE 5A
PREPARED FOR PulteGroup

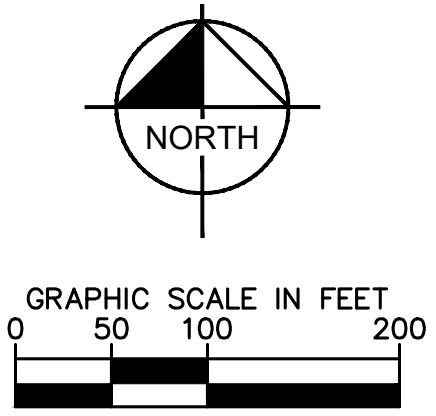
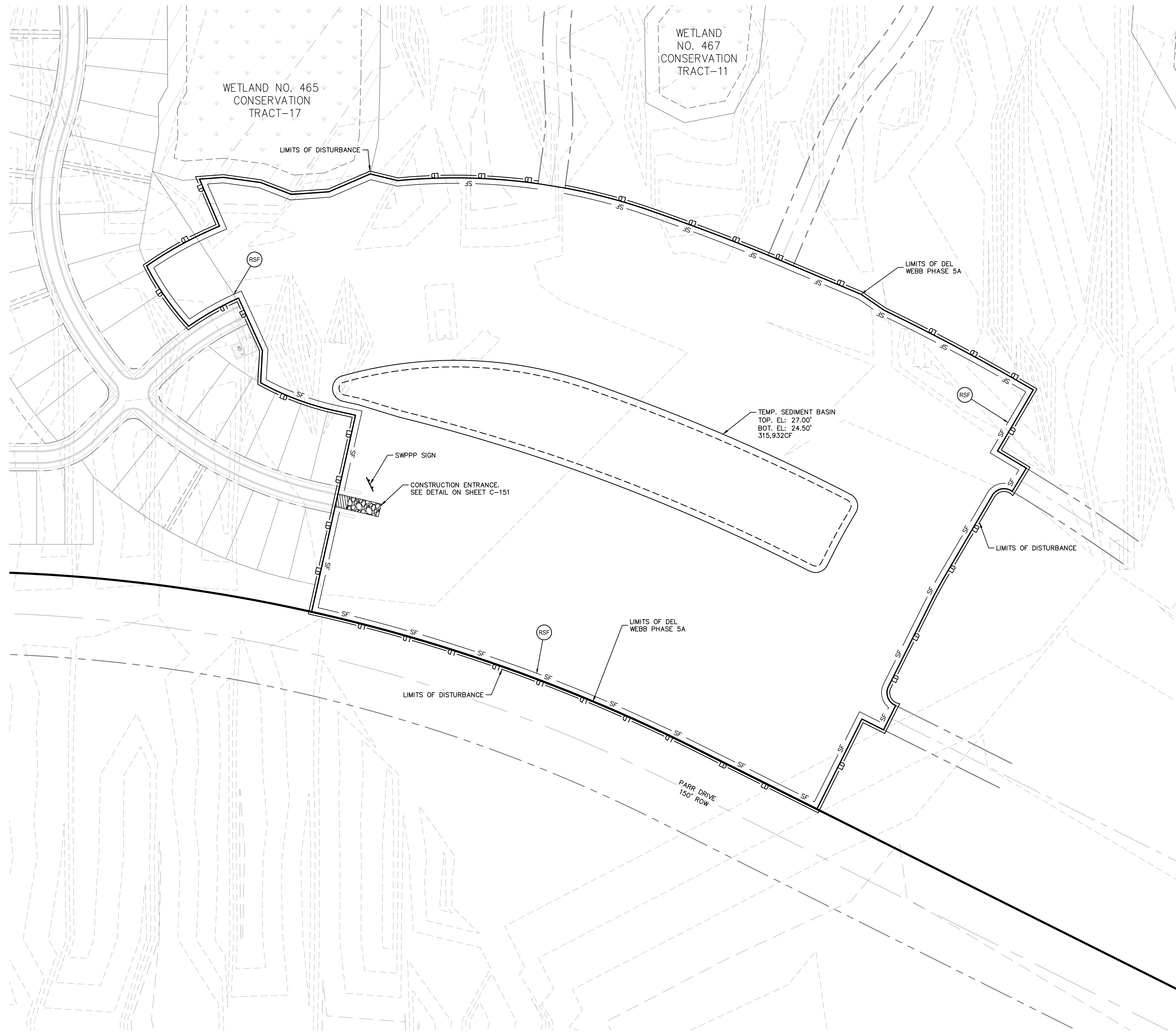
FLORIDA

PORT ST. LUCIE

REVISIONS

NO. DATE BY

Plotted By: Gomez, Jonathan - Sheet Set: Southern grove del web ph 5a - U:\0001\C-100 SWPPP PH1 - May 05, 2021 - 02:24:46pm - K:\WRB-LDEV\southern grove - del web\CAD\plansheets\C-100 SWPPP.dwg
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LEGEND

- SITE FEATURES**
- BOUNDARY LINE
 - LD - PROPOSED LIMITS OF DISTURBANCE
- EROSION DETAILS (SEE DETAIL SHEET C-151)**
- CE - TEMPORARY CONSTRUCTION EXIT (SEE DETAIL)
 - RSF - PROPOSED SEDIMENTATION/ SILT FENCE (SEE DETAIL)
 - CF - PROPOSED HIGH VISIBILITY CONSTRUCTION FENCE
 - SS - SWPPP INFORMATION SIGN (SEE DETAIL)
 - IP - INLET PROTECTION
 - B - DIVERSION BERM

- NOTES:**
- FOR ALL EROSION AND SEDIMENTATION CONTROL DETAILS, REFER TO DETAIL SHEET C-151.
 - LIMITS OF DISTURBANCE IS OFFSET 5' OUTSIDE THE LOT LINE FOR CLARITY. WHERE THIS OCCURS THE LIMITS OF DISTURBANCE IS THE PROPERTY LINE.
 - THE HIGH VISIBILITY CONSTRUCTION FENCE IS OFFSET 5' OUTSIDE THE WETLANDS FOR CLARITY. WHERE THIS OCCURS THE CONSTRUCTION FENCE SHOULD BE PLACED 1' OUTSIDE THE WETLANDS.
 - THE REINFORCED SILT FENCE IS OFFSET 10' INSIDE THE PROPERTY LINE FOR CLARITY. WHERE THIS OCCURS THE SILT FENCE SHOULD BE PLACED 5' INSIDE THE PROPERTY LINE.
 - CONTRACTOR SHALL CONTAIN ALL WORK WITHIN THE LIMITS OF DISTURBANCE, WHICH INCLUDES STORAGE OF MATERIALS AND EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY WORK TO A CONDITION AS GOOD AS EXISTING OR BETTER.

LAKE BANKS TO BE STABILIZED WITHIN SEVEN (7) DAYS OF COMPLETION.

DUST CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS REQUIRED TO INCLUDE ALL MEASURES TO CONTROL DUST IN BASE BID.

TRACK OUT IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS REQUIRED TO INCLUDE ALL MEASURES TO CONTROL TRACK OUT IN BASE BID.

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PSLUSD PROJECT # **5212D** CITY OF PORT ST. LUCIE PROJECT # **P21-016** SHEET NUMBER **C-100**

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 WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
 KIMAN F. HUSAINY
 STATE LICENSE NUMBER 75481

KHA PROJECT 00000000 DATE 11/16/2020 SCALE AS SHOWN DESIGNED BY MJP DRAWN BY MJP CHECKED BY KFH

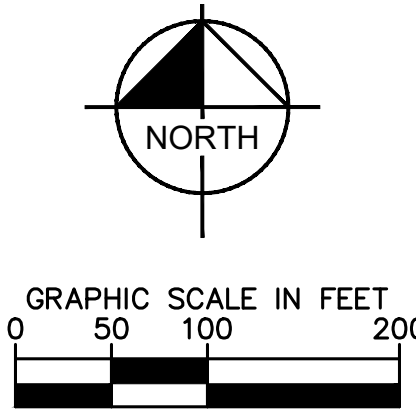
SWPPP PH1

Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR **Pulte Group**

FLORIDA
 PORT ST. LUCIE

No.	REVISIONS	DATE	BY

Plotted By: Gomez, Jonathan - Sheet Set: Southern grove del web ph 5a - L:\001\C-125 SWPPP PLANS PH2 - May 05, 2021 - 02:24:56pm - K:\WEB\DEVA\southern grove del web\CAD\plans\sheet\C-125 SWPPP PLANS PH2.dwg
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LEGEND

SITE FEATURES

- BOUNDARY LINE
- LD PROPOSED LIMITS OF DISTURBANCE
- SEED FOR STABILIZATION

EROSION DETAILS (SEE DETAIL SHEET C-151)

- TEMPORARY CONSTRUCTION EXIT (SEE DETAIL)
- PROPOSED SEDIMENTATION/ SILT FENCE (SEE DETAIL)
- PROPOSED HIGH VISIBILITY CONSTRUCTION FENCE
- SWPPP INFORMATION SIGN (SEE DETAIL)
- INLET PROTECTION
- DIVERSION BERM

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PSLUSD PROJECT # **5212D**

CITY OF PORT ST. LUCIE PROJECT # **P21-016**

SHEET NUMBER **C-125**

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LICENSED PROFESSIONAL KIMAN F. HUSIANY STATE LICENSE NUMBER 75481

KHA PROJECT 00000000 DATE 11/16/2020 SCALE AS SHOWN DESIGNED BY MJP DRAWN BY MJP CHECKED BY KFH

SWPPP PLANS PH2

Del Webb AT TRADITION - PHASE 5A PREPARED FOR **Pulte Group**

FLORIDA PORT ST. LUCIE

NO.	REVISIONS	DATE	BY

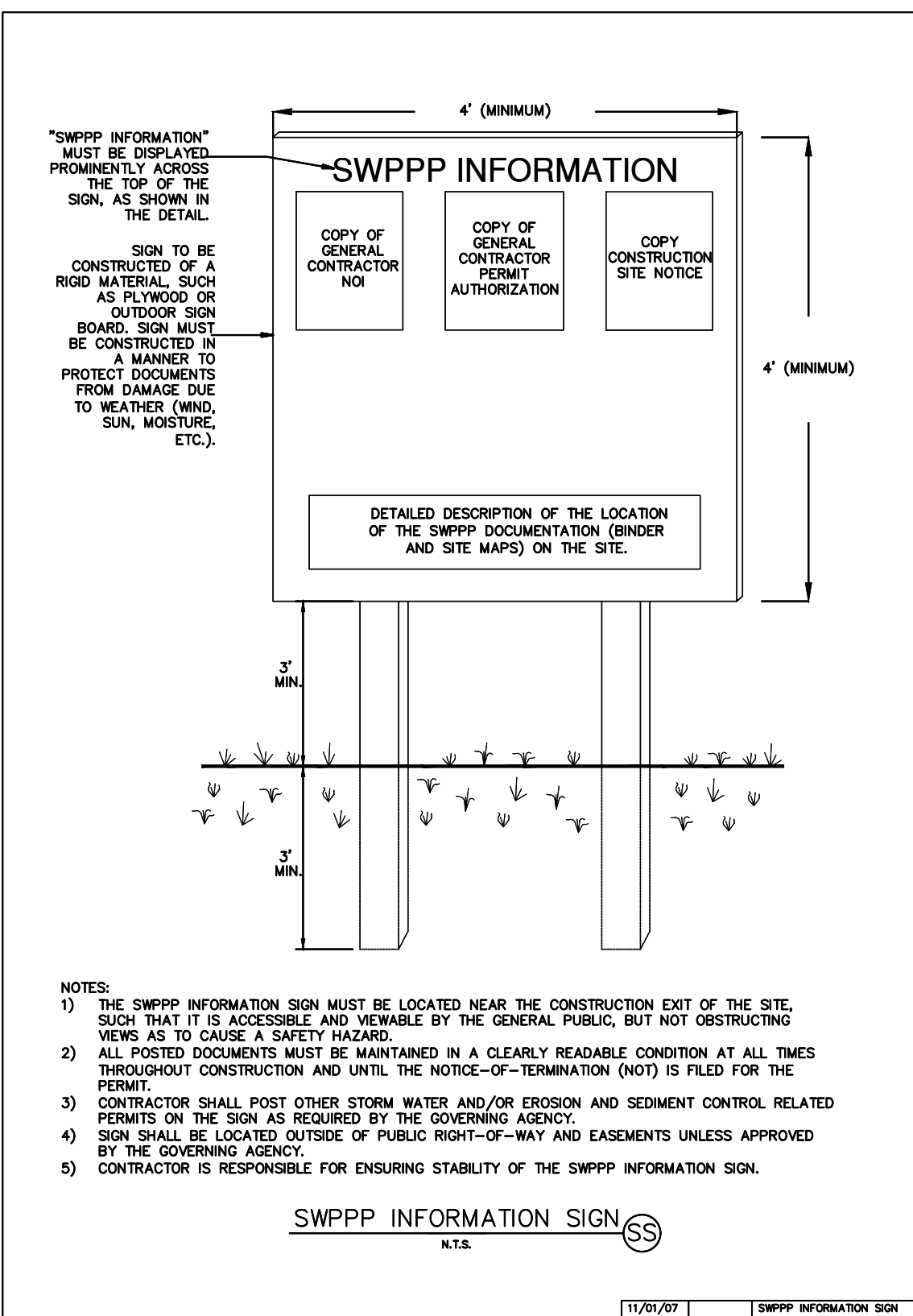
Section 1	Project Name and location information:	DEL WEBB PHASE 5A, PORT ST. LUCIE, FLORIDA.
Section 2	Describe the nature of the construction activity:	Construction activities consist of the development of a 24.15 AC residential property totaling 95 units within the City of Port St. Lucie, Florida.
Section 3	Describe the intended sequence of major soil disturbing activities:	- 0-2 DAYS - SITE PREP AND STABILIZED CONSTRUCTION ENTRANCE - 3-4 DAYS - INSTALL PERIMETER SEDIMENT AND EROSION CONTROLS - 7-80 DAYS - INSTALL STORMWATER RETENTION BASIN - 7-10 DAYS - CLEARING/GRUBBING OVER ALL AREAS - 11-90 DAYS - SITE GRADING - 90-150 DAYS - INSTALL STORM SEWER AND UTILITIES - 150-180 DAYS - STABILIZE SITE
Section 4	Total area of the site:	24.15 AC
Section 5	Total area of the site to be disturbed:	24.15 AC
Section 6	Existing data describing the soil or quality of any stormwater discharge from the site:	The soils on site are mostly sand, consisting of Nettles, Ankona, Farmton and Oldsmar sands.
Section 7	Estimate the drainage area size for each discharge point:	24.15 AC
Section 8	Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	LAT: 27° 21' 23" N LON: 80° 25' 24" W Discharges through control structure onsite into Basin 3 top the east.
Section 9	Give a detailed description of all controls, Best Management Practices (BMPs) and measures that will be implemented at the construction site for each activity identified in the intended sequence of major soil disturbing activities section. Provide time frames in which the controls will be implemented. NOTE: All controls shall be consistent with performance standards for erosion and sediment control and stormwater treatment set forth in s. 62-404.02, F.A.C., the applicable Stormwater or Environmental Resource Permitting requirements of the Department or a Water Management District, and the guidelines contained in the State of Florida Erosion and Sediment Control Designer and Reviewer Manual, FDOT, FDEP, and any subsequent amendments.	
Section 10	Describe all temporary and permanent stabilization practices. Stabilization practices include temporary seeding, mulching, permanent seeding, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, vegetative preservation, etc.	
Section 11	Describe all structural controls to be implemented to divert stormwater flow from exposed soils and structural practices to store flows, retain sediment on-site or in any other way limit stormwater runoff. These controls include silt fences, earth dikes, diversions, swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, coagulating agents and temporary or permanent sediment basins.	
Section 12	Describe all sediment basins to be implemented for areas that will disturb 10 or more acres at one time. The sediment basins (or an equivalent alternative) should be able to provide 3,600 cubic feet of storage for each acre drained. Temporary sediment basins (or an equivalent alternative) are recommended for drainage areas under 10 acres.	
Section 13	Describe all permanent stormwater management controls such as, but not limited to, detention or retention systems or vegetated swales that will be installed during the construction process.	

Section 14	Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:	All construction materials and debris will be placed in a dumpster and hauled off site to a landfill or other proper disposal site. No materials will be buried on site.
Section 15	Offsite vehicle tracking from construction entrances/exits:	Off site vehicle tracking of sediments and dust generation will be minimized via a rock construction entrance, street sweeping and the use of water to keep dust down.
Section 16	The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:	Florida-friendly fertilizers and pesticides will be used at a minimum and in accordance with the manufacturer's suggested application rates.
Section 17	The storage, application, generation and migration of all toxic substances:	All paints and other chemicals will be stored in a locked covered shed.
Section 18	Other:	Port-o-lets will be placed away from storm sewer systems, storm inlet(s), surface waters and wetlands. No vehicle maintenance shall be conducted on-site. A washdown area shall be designated at all times and will not be located in any area that will allow for the discharge of polluted runoff.
Section 19	Provide a detailed description of the maintenance plan for all structural and non-structural controls to assure that they remain in good and effective operating condition.	
Section 20	Inspections: Describe the inspection and inspection documentation procedures, as required by the FDEP NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities.	
Section 21	Identify and describe all sources of non-stormwater discharges as allowed by the FDEP NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities.	
Section 22	All contractor(s) and subcontractor(s) identified in the SWPPP must sign the following certification:	

Name	Title	Company Name, Address and Phone Number	Date

NOTE: CONTRACTOR SHALL FILL OUT THE RESPONSIBLE ENTITIES TABLE ABOVE.

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



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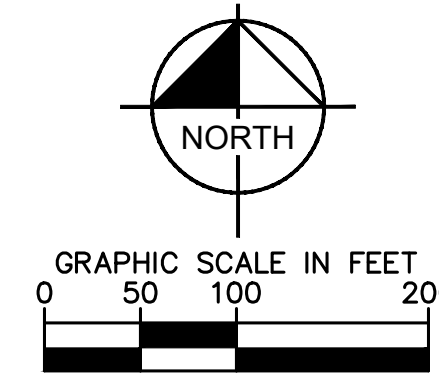
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ENVIRONMENTAL SITE ASSESSMENT
 AN ENVIRONMENTAL SITE ASSESSMENT WAS REQUIRED FOR THIS PROJECT. PLEASE REFER TO THE TABLE BELOW TO SUMMARIZE FINDINGS. ADDITIONAL INFORMATION CAN BE FOUND WITHIN THE ENVIRONMENTAL SITE ASSESSMENT.

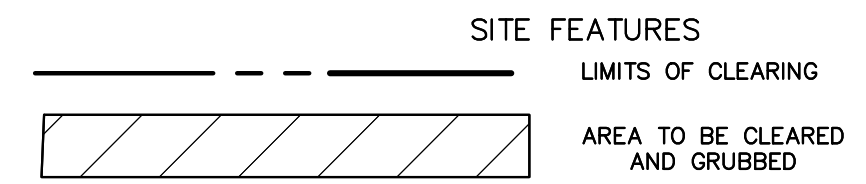
ENVIRONMENTAL SITE ASSESSMENT				
DESCRIPTION	FOUND (Y/N)	AGENCY CONTACT INFO	MANAGEMENT PLAN (Y/N)	RESTORATION PLAN (Y/N)
WETLANDS	YES	USACE (202-761-7690)	YES	NO
RARE HABITAT	NO	N/A	N/A	N/A
THREATENED SPECIES	YES	FFWCC (850-488-4676)	YES	NO
ENDANGERED SPECIES	NO	N/A	N/A	N/A
SPECIES OF SPECIAL CONCERN	NO	N/A	N/A	N/A
INVASIVE/EXOTIC VEGETATION	NO	FDOT (772-465-7396)	N/A	NO

TOTAL AREA TO BE CLEARED = 24.14 AC



VICINITY MAP
 1" = 2000'

LEGEND



NOTES:

- PRIOR TO COMMENCING GRADING AND CLEARING ACTIVITIES, A LETTER MUST BE RECEIVED FROM THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION REGARDING THE APPROVAL OF A GOPHER TORTOISE SURVEY AND ANY REQUIRED REMEDIAL ACTIVITY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC. SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
- CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC. (AND OTHER APPROPRIATE BEST MANAGEMENT PRACTICES) AS APPROVED BY CONSTRUCTION MANAGER.
- REFERENCE EROSION SEDIMENTATION AND CONTROL PLAN.
- UPON COMPLETION OF THE SWPPP CERTIFICATION AND PRIOR TO ANY ONSITE DISTURBANCE CONTRACTOR SHALL COMPLETE THE GOPHER TORTOISE RELOCATION PER THE REQUIREMENTS OF THE FLORIDA FISH AND WILDLIFE COMMISSION GOPHER TORTOISE RELOCATION PERMIT. CONTRACTOR TO CONTACT CEC AT LEAST 5 BUSINESS DAYS PRIOR TO THE COMMENCEMENT OF THE GOPHER TORTOISE RELOCATION. CONTRACTOR TO PROVIDE A STANDARD SIZE FLAT BLADE BACKHOE WITH NO TEETH AND OPERATOR, CONTRACTOR TO NOT DISTURB LAND WITHIN 25' OF THE GOPHER TORTOISE LOCATION AS SHOWN ON THIS PLAN PRIOR TO ISSUANCE OF FLORIDA FISH AND WILDLIFE PERMIT. ALL GOPHER TORTOISE RELOCATION SHALL BE COMPLETED ON OR BEFORE EXPIRATION OF 100% GOPHER TORTOISE SURVEY. IN THE EVENT THAT THE GC WILL NOT COMPLETE THE GOPHER TORTOISE RELOCATION ON OR BEFORE EXPIRATION NOTIFY CEC AND CM AT LEAST 25 DAYS PRIOR SO THAT THE UPDATED 100% GOPHER TORTOISE SURVEY CAN BE COMPLETED AND SUBMITTED TO FLORIDA FISH AND WILDLIFE COMMISSION.
- ENTIRE SITE SHALL NOT BE CLEARED AT ONCE. CONTRACTOR TO LIMIT CLEARING AREA TO INCLUDE CURRENT WORK ONLY.
- STABILIZATION OF THE CURRENT PHASE IS REQUIRED PRIOR TO COMMENCEMENT OF THE NEXT PHASE.
- CONTRACTOR TO WATER THE SITE AS NECESSARY TO MITIGATE DUST CONTROL, AND TO KEEP A LOG OF ALL WATER ACTIVITIES. THE WATERING LOG SHOULD BE MADE AVAILABLE WHEN REQUESTED.

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PSLUSD PROJECT # **5212D** CITY OF PORT ST. LUCIE PROJECT # **P21-016** SHEET NUMBER **C-175**

PORT ST. LUCIE

FLORIDA

AT TRADITION - PHASE 5A
 PREPARED FOR
Pulte Group

CLEARING AND GRUBBING PLAN

LICENSED PROFESSIONAL
 KIMLEY-HORN AND ASSOCIATES, INC.
 KIMAN F. HUSHINY
 STATE LICENSE NUMBER 75481

Kimley-Horn
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 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT 00000000

DATE 11/16/2020

SCALE AS SHOWN

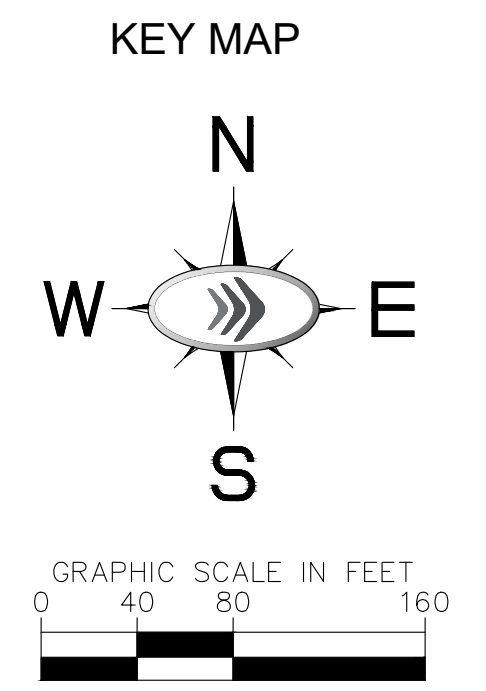
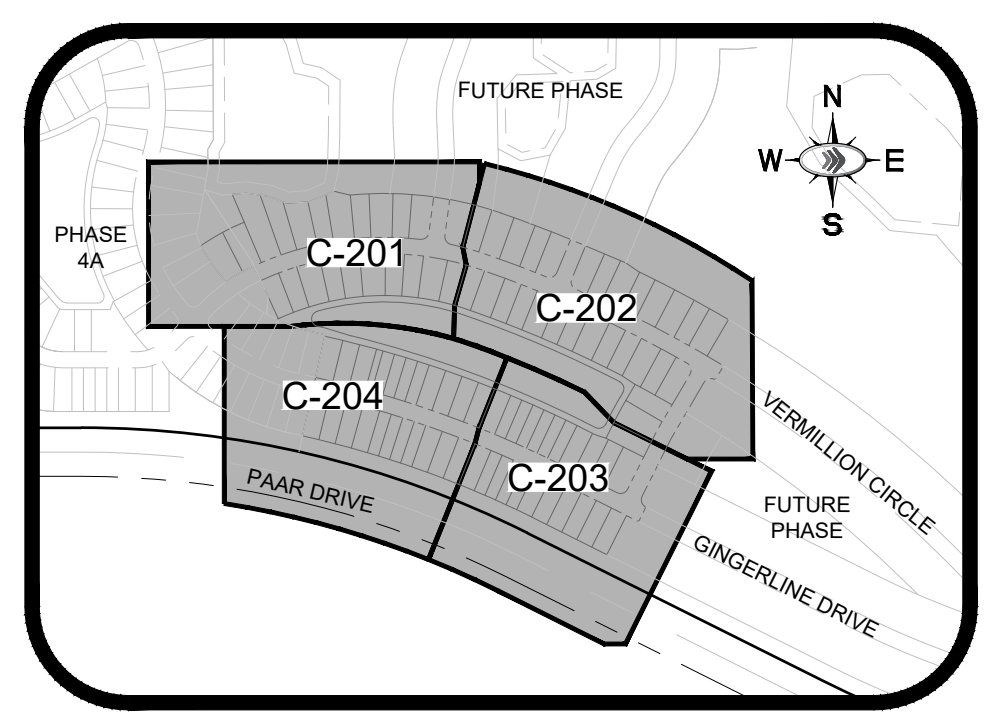
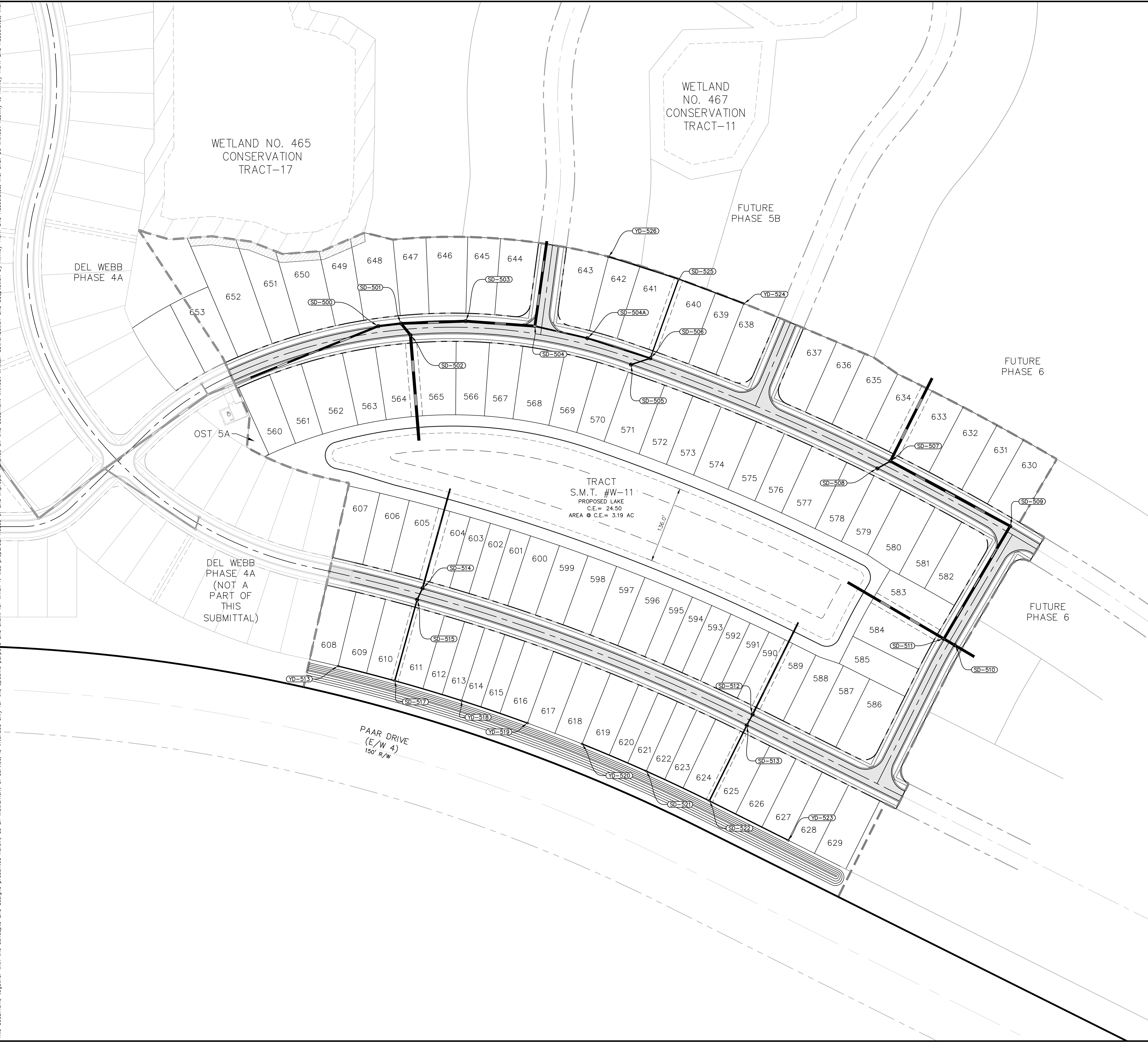
DESIGNED BY MJP

DRAWN BY MJP

CHECKED BY KFH

DATE

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LICENSED PROFESSIONAL	KIMAN F. HUSINY
KHA PROJECT	00000000
DATE	11/16/2020
SCALE AS SHOWN	M/J/P
DESIGNED BY	M/J/P
DRAWN BY	M/J/P
CHECKED BY	KFH
DATE	

OVERALL PAVING AND DRAINAGE PLAN

Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR
Pulte Group
 FLORIDA

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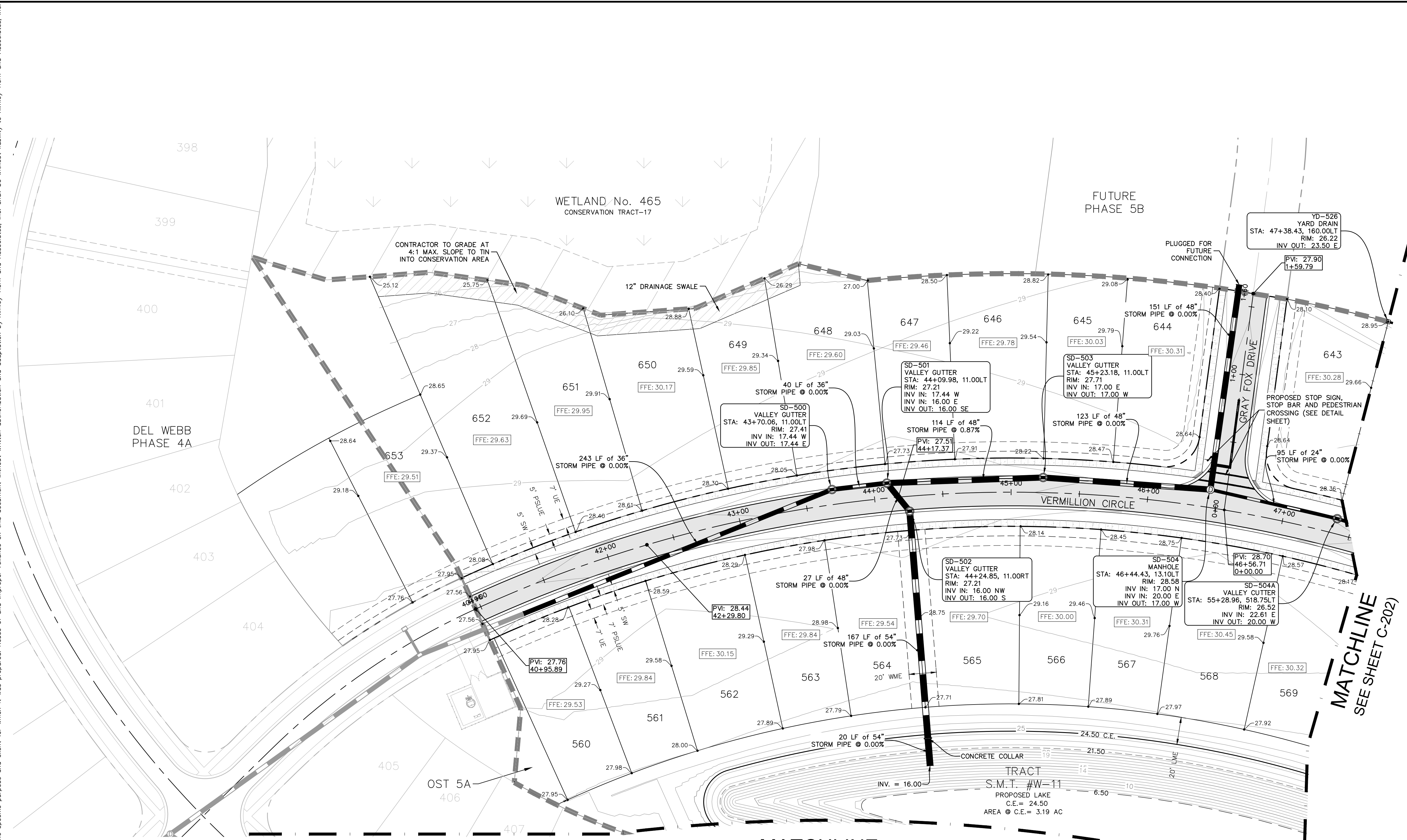
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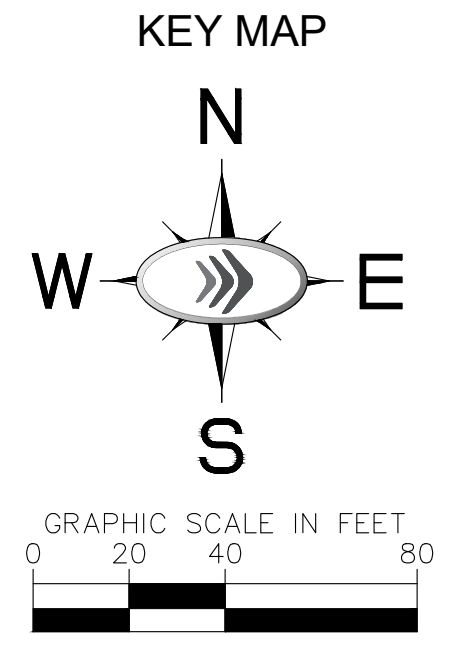
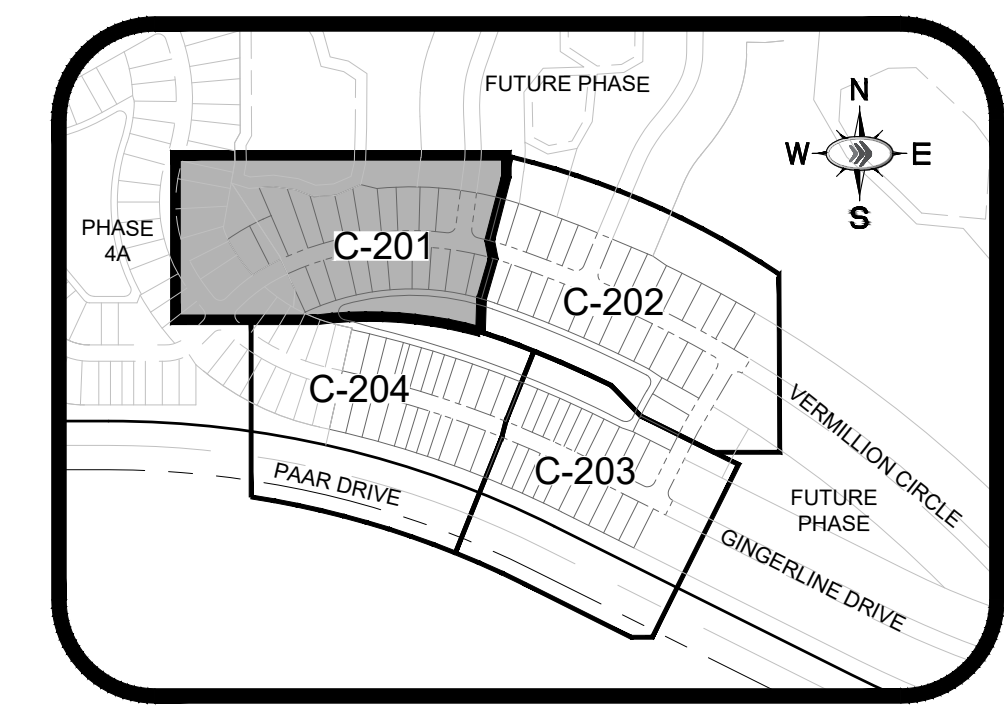
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C-200

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MATCHLINE
SEE SHEET C-204)

MATCHLINE
SEE SHEET C-202)



LEGEND

	PROPERTY LINE
	R/W LINE
	LOT LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED SLOPE
	PROPOSED SPOT GRADE
	PROPOSED STORM STRUCTURE
	PROPOSED STORM PIPE
	PROPOSED VALLEY GUTTER INLET
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	FLOW DIRECTION
	ASPHALT
	CONCRETE SIDEWALK

- NOTES:**
- MINIMUM CROWN OF ROAD = 27.50'
MINIMUM FINISHED FLOOR ELEV. = 29.00'
CONTROL WATER ELEVATION = 24.50' NAVD 88'
 - CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
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PSLUSD PROJECT #
5212D

CITY OF PORT ST. LUCIE PROJECT #
P21-016

SHEET NUMBER
C-201

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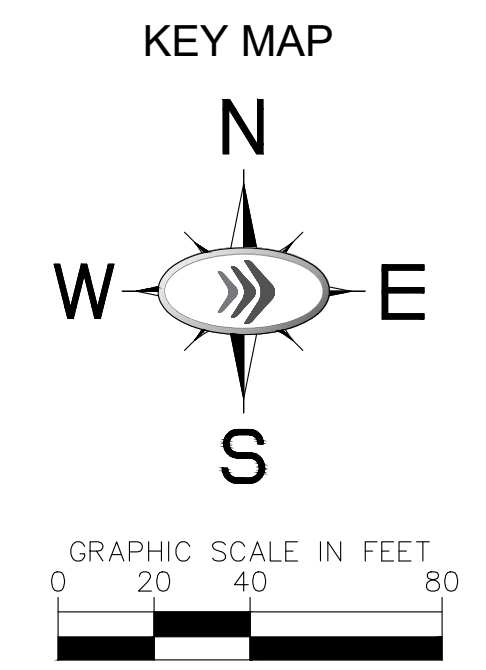
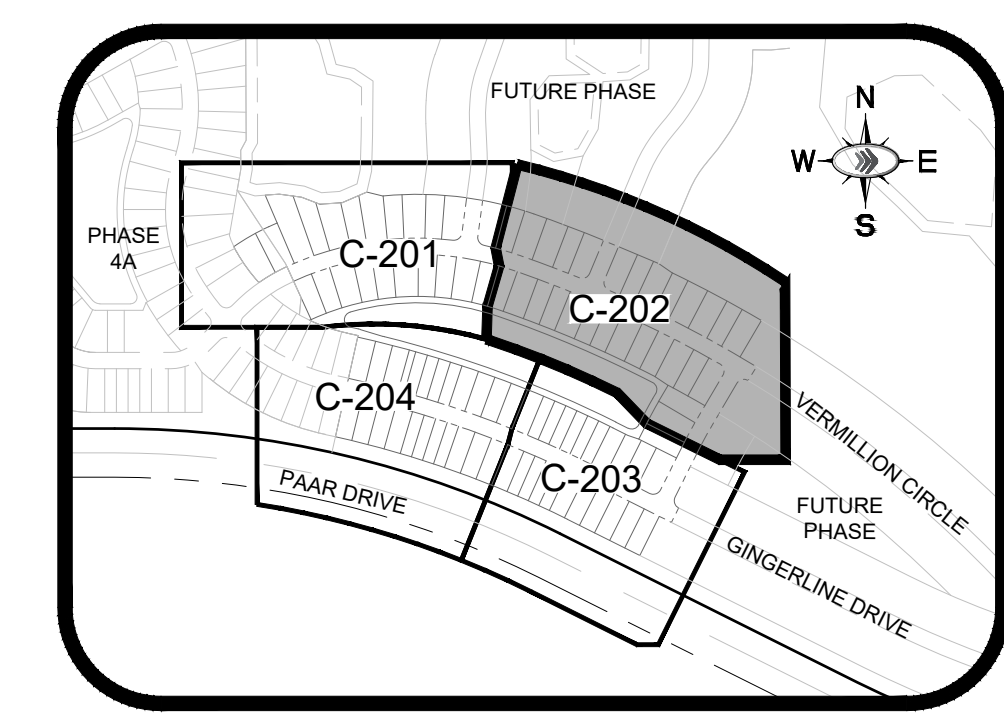
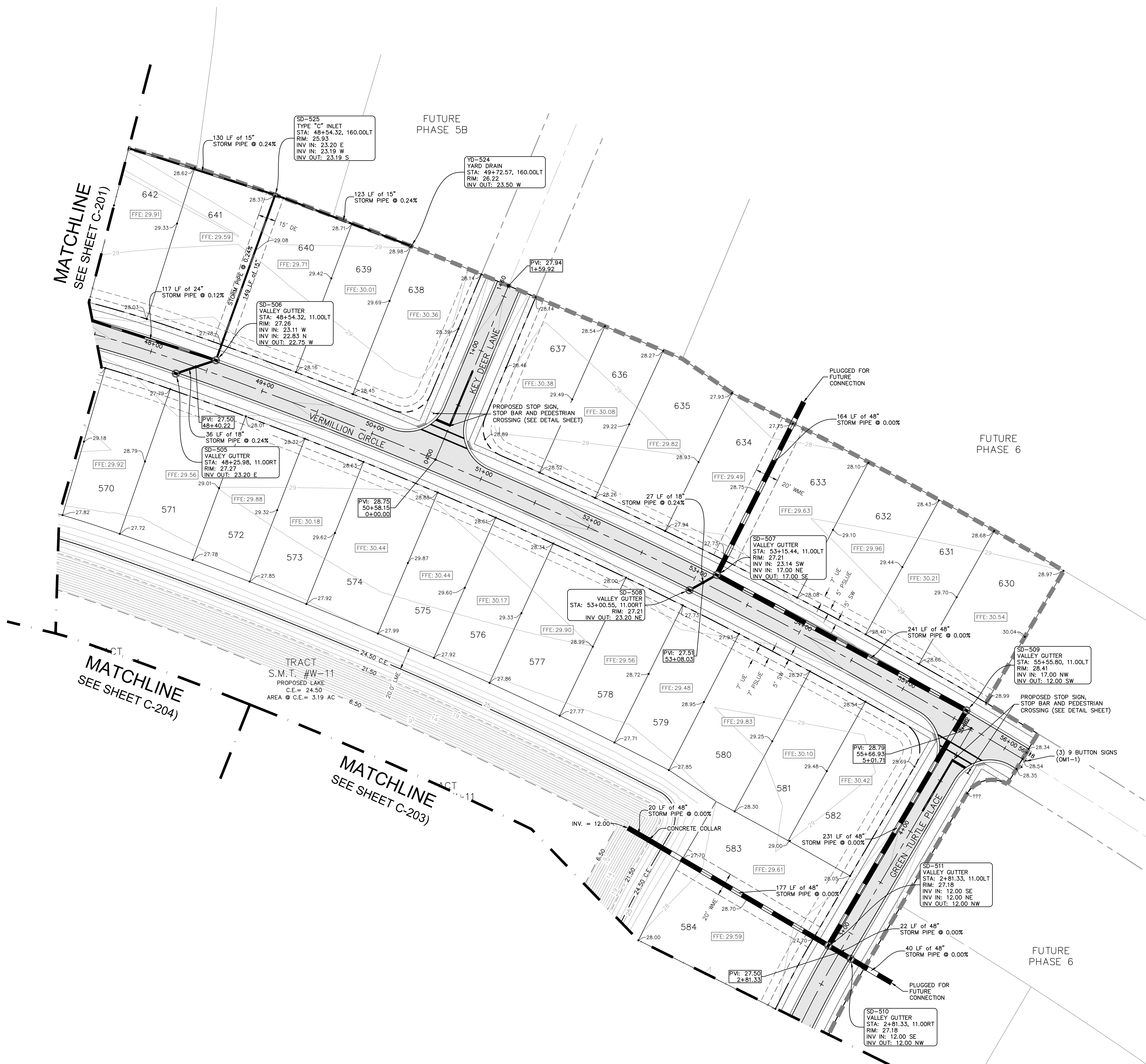
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DATE	11/16/2020
SCALE	AS SHOWN
DESIGNED BY	MJP
DRAWN BY	MJP
CHECKED BY	KFH
DATE	

PAVING AND DRAINAGE PLANS

Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR
Pulte Group
 FLORIDA
 PORT ST. LUCIE

NO.	REVISIONS	DATE	BY

Plotted By: Gomez, J. Date: 05/05/2021 02:26:04pm K:\WEB\LOEVA\goultern_grove - del webb\CAD\del webb phase 5 - E\CAD\plansheets\C-200_PFD-Del Webb-PH5a.dwg
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LEGEND

	PROPERTY LINE
	R/W LINE
	LOT LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED SLOPE
	PROPOSED SPOT GRADE
	PROPOSED STORM STRUCTURE
	PROPOSED STORM PIPE
	PROPOSED VALLEY GUTTER INLET
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	FLOW DIRECTION
	ASPHALT
	CONCRETE SIDEWALK

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PAVING AND DRAINAGE PLANS

Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR

Pulte Group

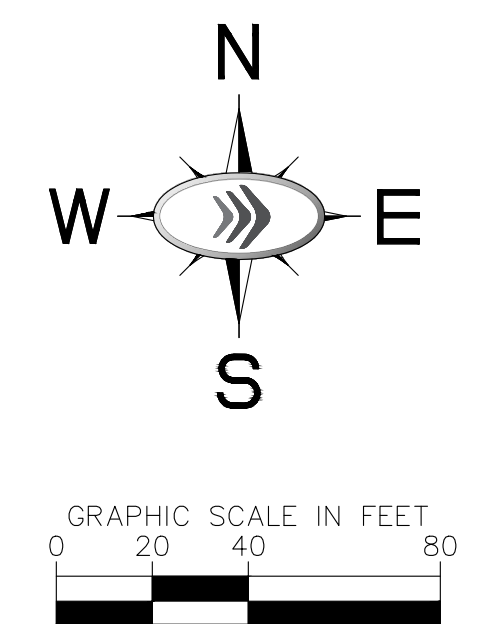
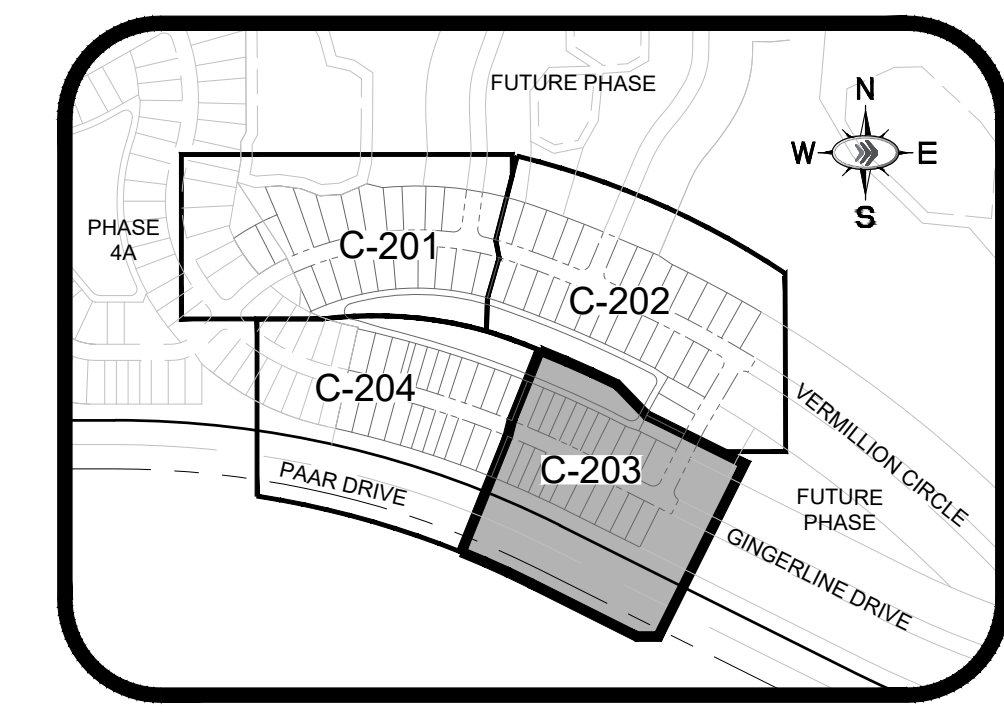
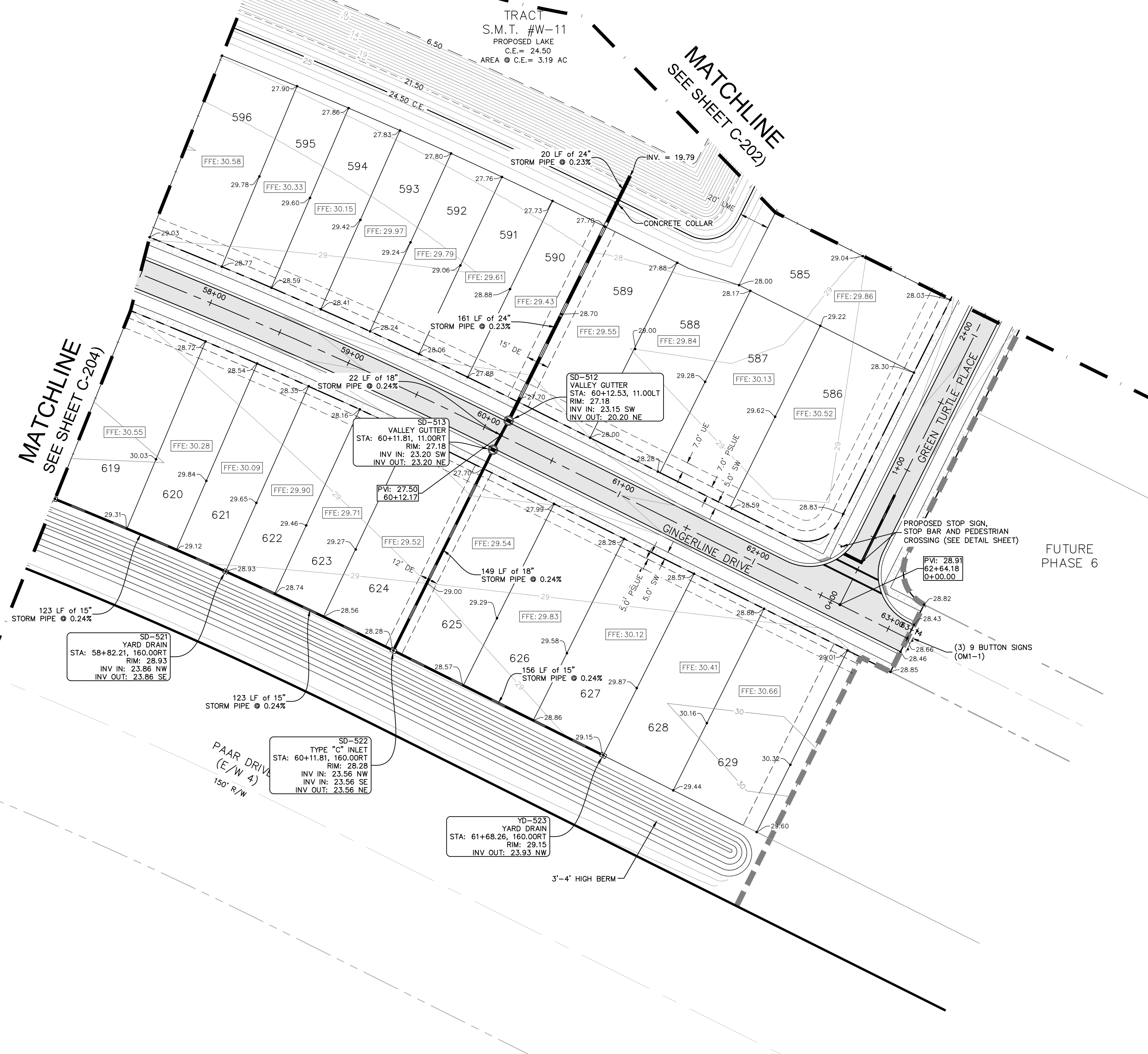
PORT ST. LUCIE, FLORIDA

PROJECT NO.	00000000
DATE	11/16/2020
SCALE	AS SHOWN
DESIGNED BY	MJP
DRAWN BY	MJP
CHECKED BY	KFH
DATE	

REVISIONS

No.	DATE	BY
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LEGEND

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	PROPOSED STORM STRUCTURE
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CONTROL WATER ELEVATION = 24.50' NAVD 88'
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 3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
 5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
 6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
 7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
 8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
 9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
 10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
 11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.
 12. GENERAL CONTRACTOR TO MAKE SURE THAT STRUCTURES OFFSET FROM THE LOW POINT IN THE CROWN OF THE ROAD IS GRADED PROPERLY TO THE STRUCTURE AS THE LOW POINT TO PREVENT ANY PUDDLES.
 13. STORM DRAINAGE PIPE MATERIAL SHALL BE RCP OR PROFILE WALL POLYPROPYLENE PIPE (PP). LAKE OUTFALLS ARE TO BE CORRUGATED ALUMINUM PIPE CONSISTENT WITH THE DETAIL.

NO.	REVISIONS	DATE	BY

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 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL	KIMAN F. HUSIANY
KHA PROJECT	00000000
DATE	11/16/2020
SCALE	AS SHOWN
DESIGNED BY	MJP
DRAWN BY	MJP
CHECKED BY	KFH
DATE	

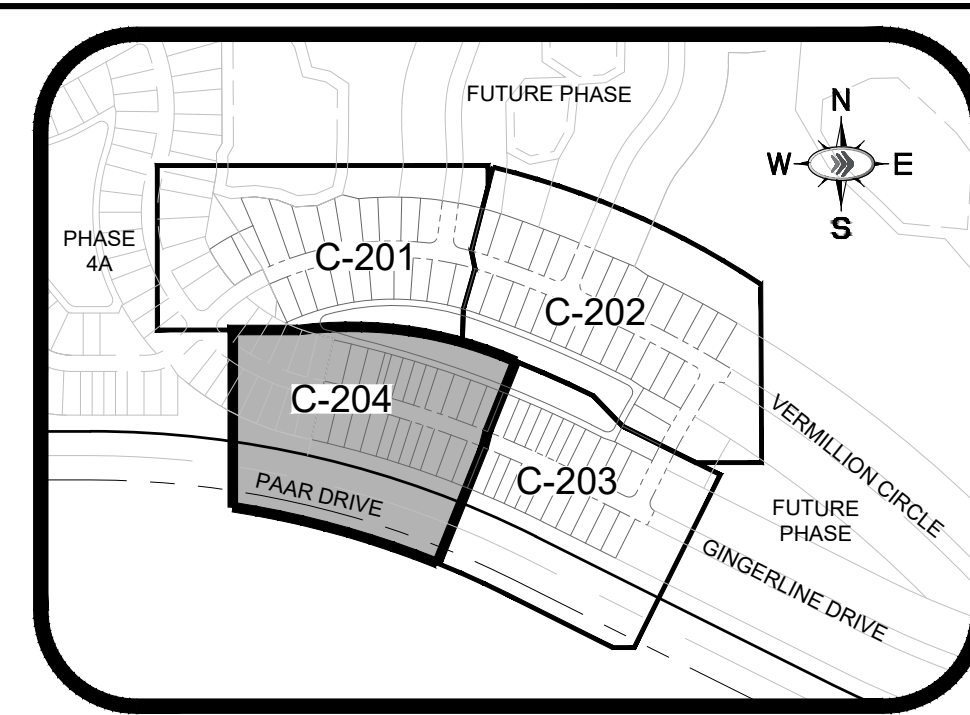
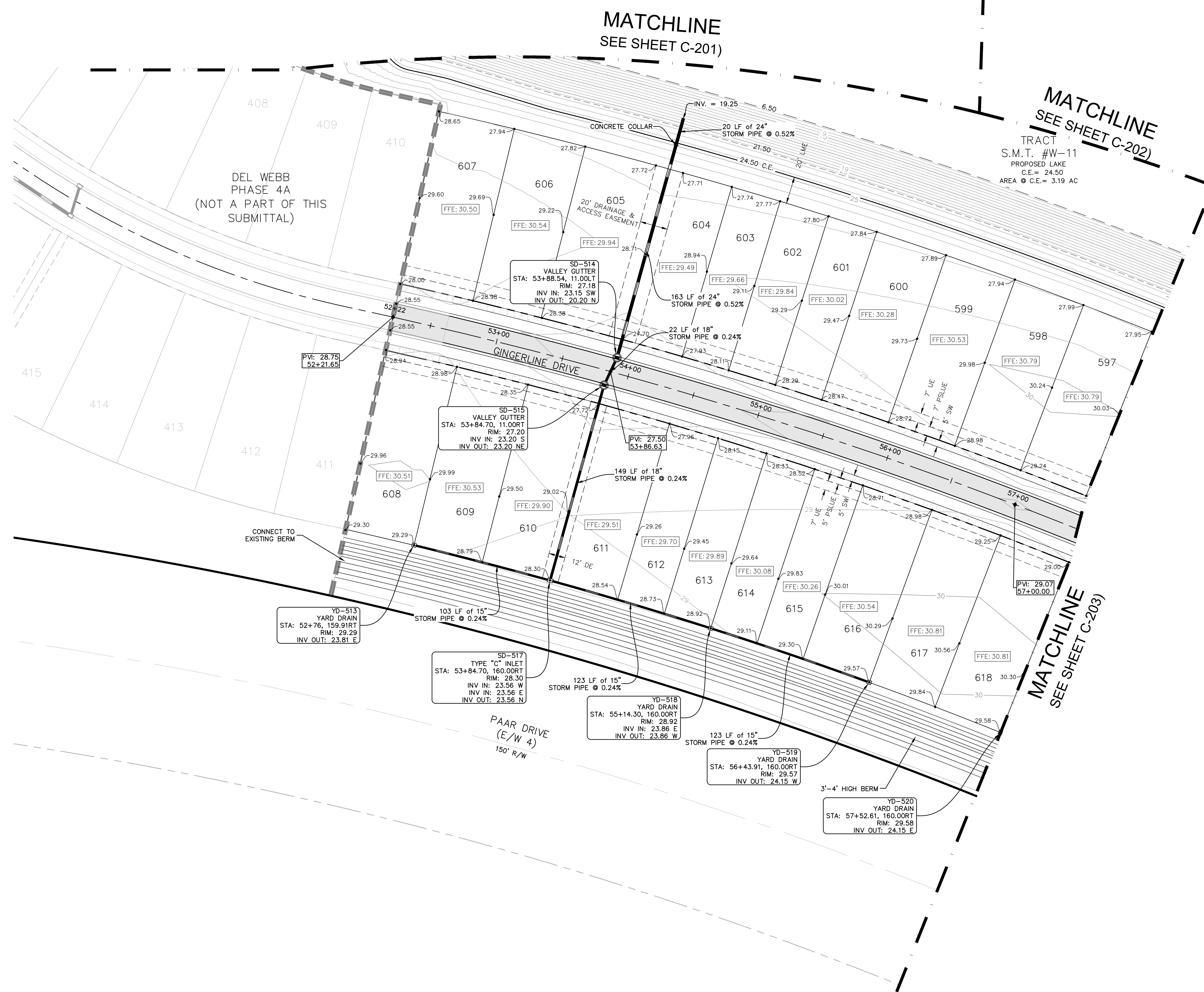
PAVING AND DRAINAGE PLANS

Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR
Pulte Group
 FLORIDA
 PORT ST. LUCIE

PSLUSD PROJECT #	CITY OF PORT ST. LUCIE PROJECT #	SHEET NUMBER
5212D	P21-016	C-203

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Plotted By: Gomez, Jonathan - Sheet Set: Southern grove del web ph 50 - L:\001\C-204 - May 05, 2021 02:26:12pm K:\V\B-DEVA\Southern grove - del web\CAD\plan sheets\C-204 PGD-Del Webb-PH50.dwg
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LEGEND

	PROPERTY LINE
	R/W LINE
	LOT LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED SLOPE
	PROPOSED SPOT GRADE
	PROPOSED STORM STRUCTURE
	PROPOSED STORM PIPE
	PROPOSED VALLEY GUTTER INLET
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	FLOW DIRECTION
	ASPHALT
	CONCRETE SIDEWALK

- NOTES:**
- MINIMUM CROWN OF ROAD = 27.50'
 - CONTROL WATER ELEVATION = 24.50' NAVD 88'
 - MINIMUM FINISHED FLOOR ELEV. = 29.00'
 - CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
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VERTICAL DATUM ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88). SUBTRACT 1.50' FROM NAVD '88 ELEVATION TO GET THE NAVD '88 ELEVATION.

PSLUSD PROJECT #
5212D

CITY OF PORT ST. LUCIE PROJECT #
P21-016

SHEET NUMBER
C-204

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LICENSED PROFESSIONAL	KIMAN F. HUSAINI
KHA PROJECT	00000000
DATE	11/16/2020
SCALE	AS SHOWN
DESIGNED BY	MJP
DRAWN BY	MJP
CHECKED BY	KFH
DATE	

PAVING AND DRAINAGE PLANS

Del Webb

AT TRADITION - PHASE 5A
PREPARED FOR

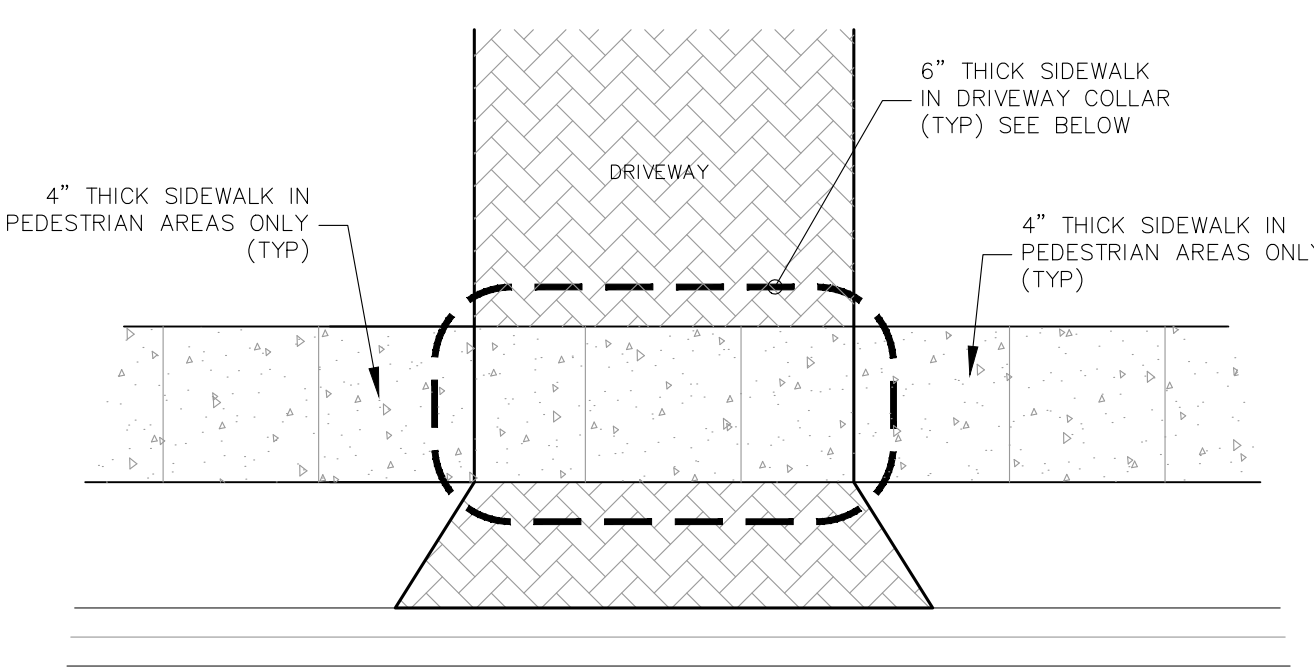
Pulte Group

FLORIDA

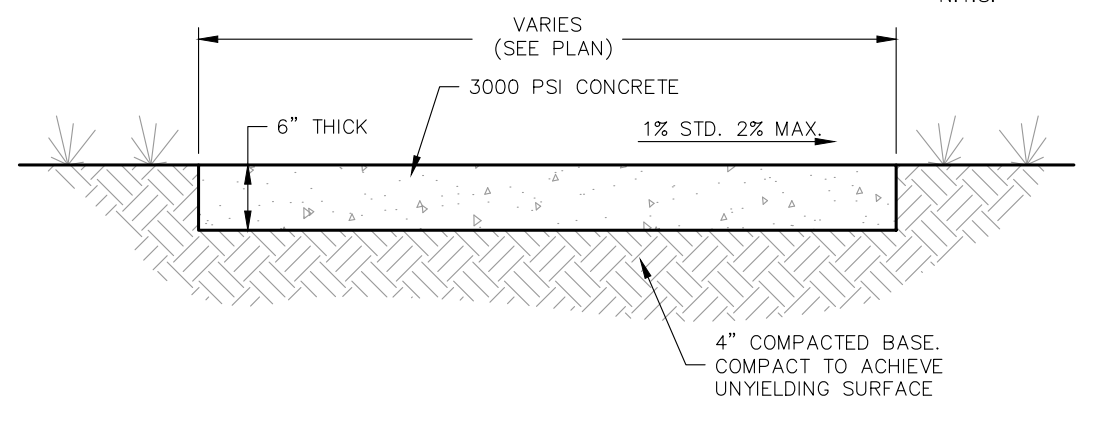
PORT ST. LUCIE

REVISIONS	NO.	DATE	BY

Plotted By: Gomez, J. Southern Grove del web, ph. 50. L:\w\c\c-250_PCD_DET. May 05, 2021. 02:26:17pm. K:\WEB\LEVA\Southern Grove - del web\c\c-250_PCD_Details-Del Webb-Phase 5.dwg
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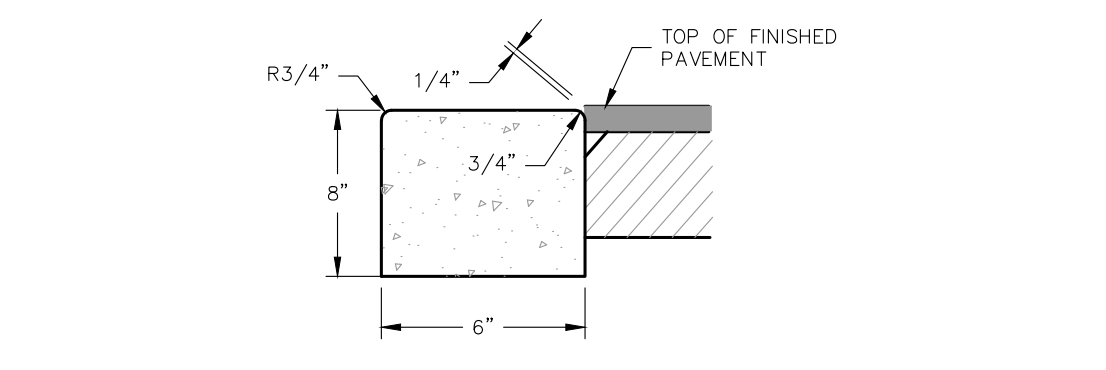


TYPICAL 6" SIDEWALK SECTION
N.T.S.



TYPICAL 6" SIDEWALK SECTION
N.T.S.

NOTE:
 ALL SIDEWALK IN CITY OF PORT ST. LUCIE RIGHT OF WAY SHALL BE 6" THICK.

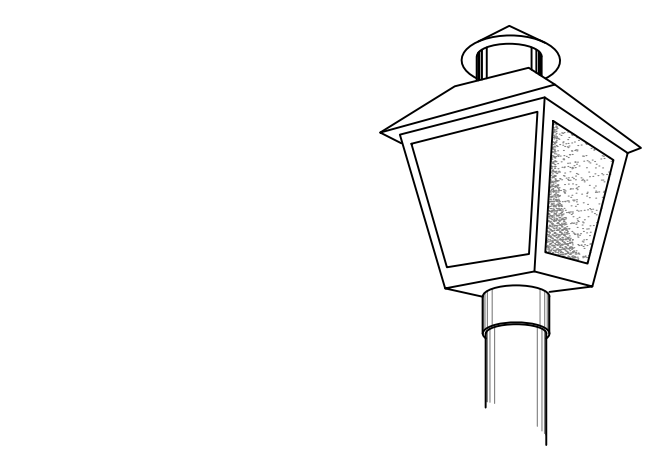


6" EDGE CURB
N.T.S.

ALL CONCRETE SHALL BE 3,000 PSI
 3000 PSI CONCRETE
 1% STD. 2% MAX.
 4" COMPACTED BASE, COMPACT TO ACHIEVE UNYIELDING SURFACE

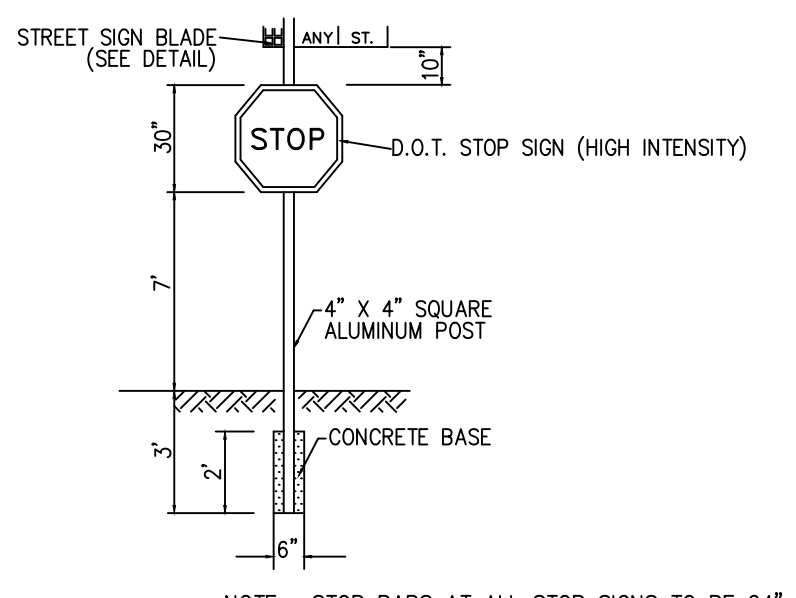
TYPICAL 4" SIDEWALK SECTION
N.T.S.

NOTE:
 SEE SITE PLAN FOR SPECIFIC SIDEWALK LOCATIONS.
 SIDEWALK CONSTRUCTION SHALL BE PER FDOT DESIGN STANDARDS INDEX 310 AND 515. DETECTABLE WARNINGS AND CURB RAMPS SHALL BE PER INDEX 304.



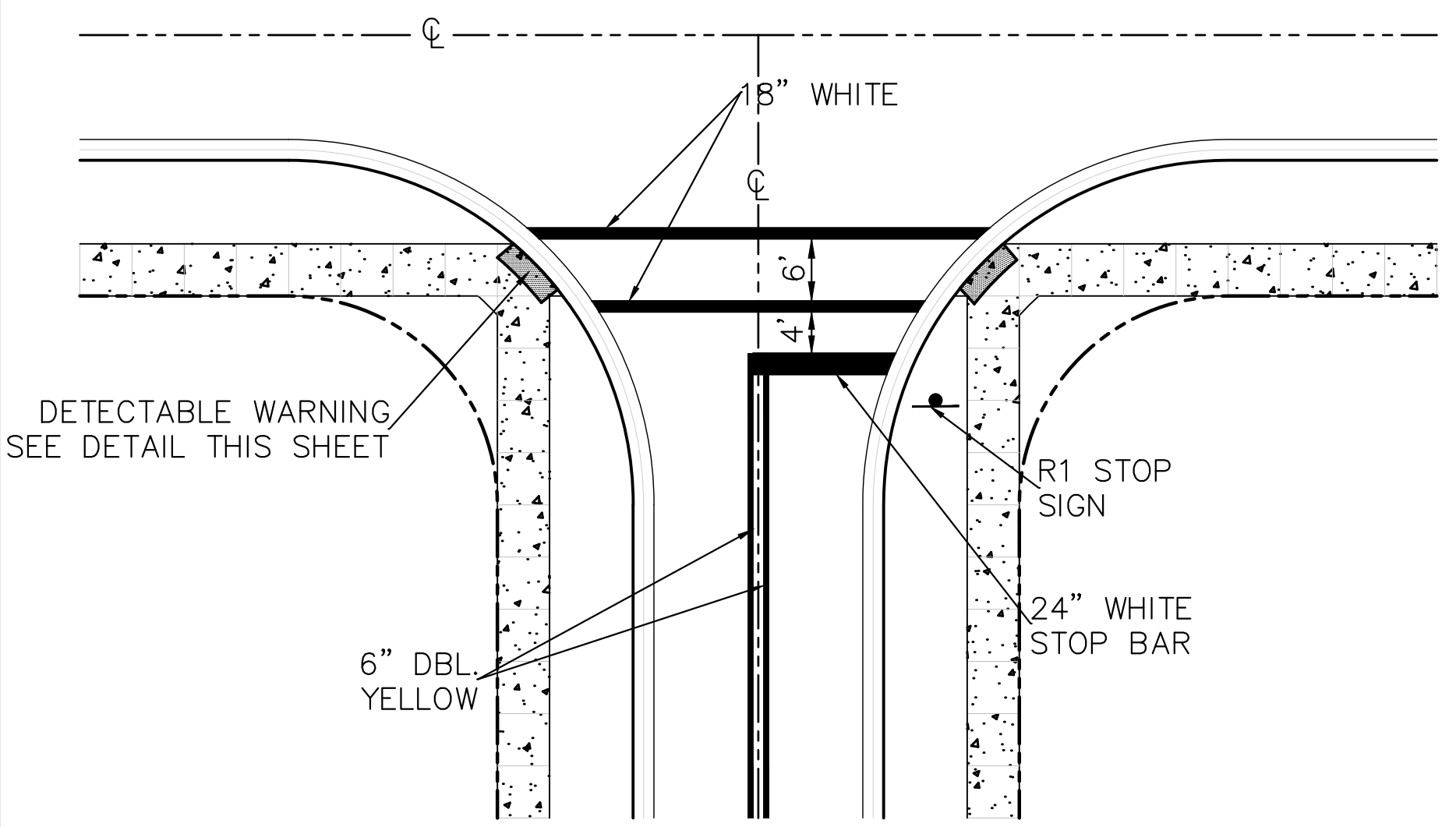
G.E. TC-100R LUMINARY WITH HIGH PRESSURE SODIUM LAMP ROUND, FIBERGLASS POLE, 13' HEIGHT (BURY 5' IN DEPTH).

TYPICAL STREET LIGHT DETAIL
N.T.S.



STREET/STOP SIGN
N.T.S.

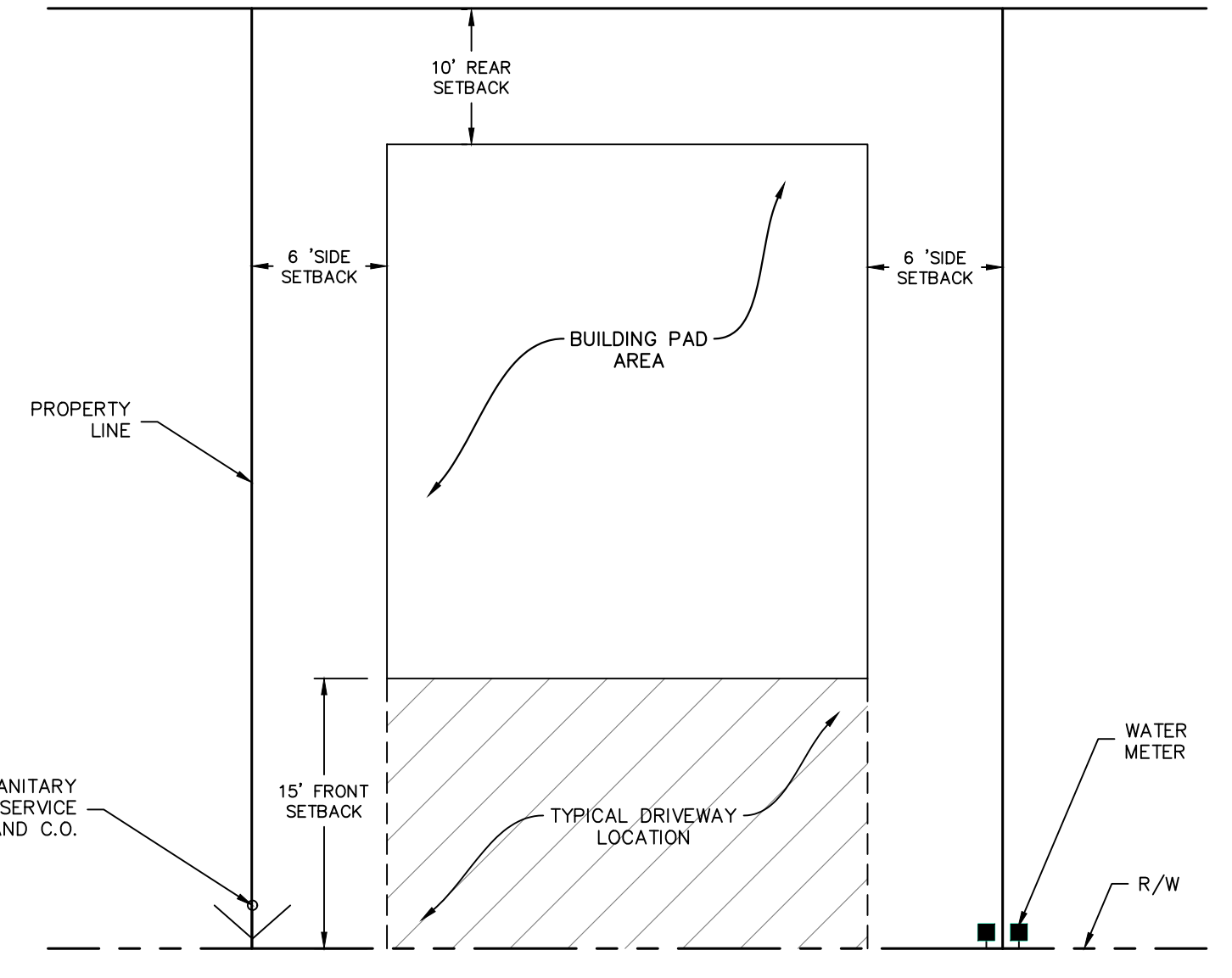
NOTE: STOP BARS AT ALL STOP SIGNS TO BE 24" WHITE THERMOPLASTIC, SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CITY OF PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING AND GEOMETRICS. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.



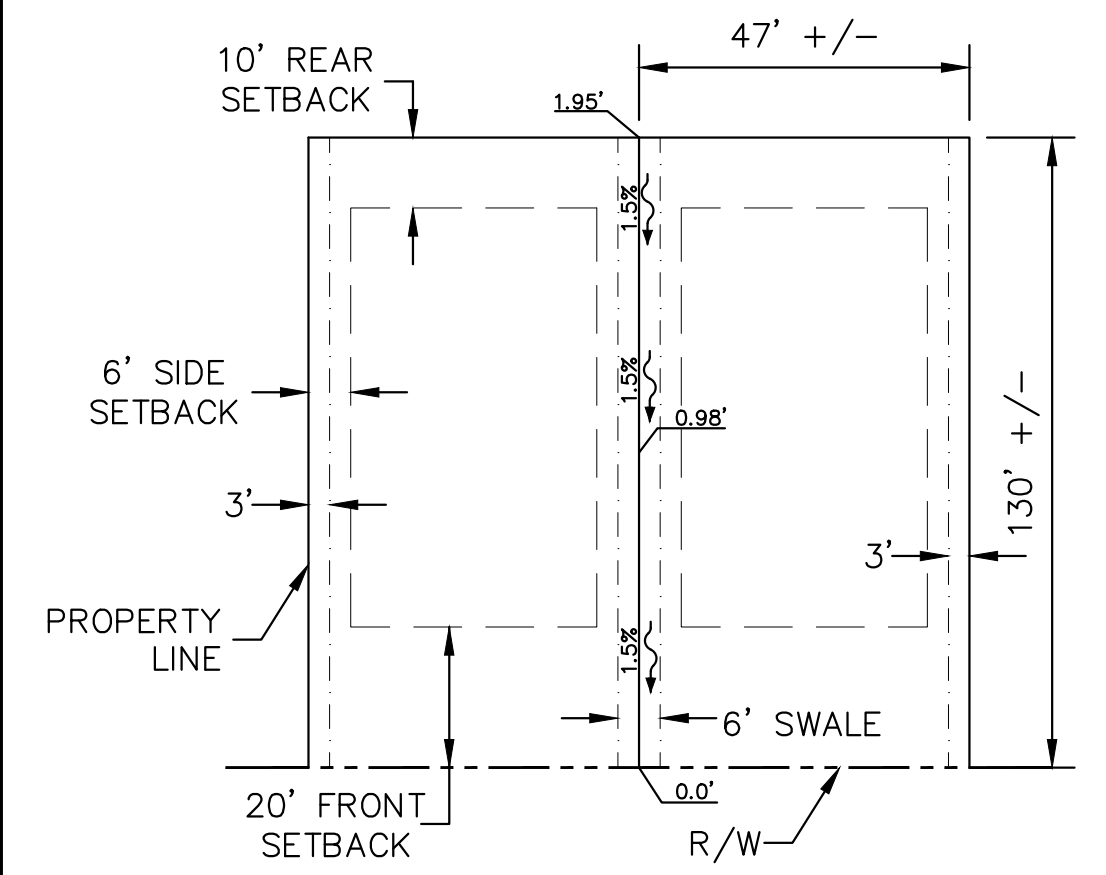
TYPICAL CROSSWALK AND STOP BAR DETAIL
N.T.S.

DETECTABLE WARNING SEE DETAIL THIS SHEET

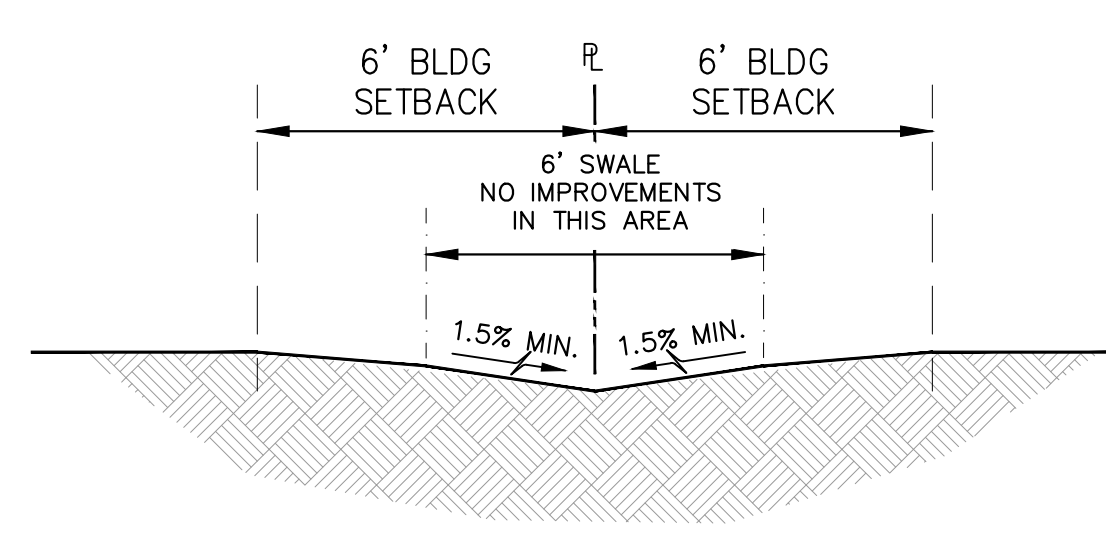
- NOTES:**
1. NO CORPORATE STOPS, VALVES OR FIRE HYDRANT ASSEMBLIES TO BE LOCATED IN DRIVEWAYS.
 2. DRIVEWAYS TO BE PERMITTED WITH BUILDING PERMIT.
 3. REFER TO SHEET C-250 TYPICAL LOT/DRIVEWAY LAYOUT.



TYPICAL DRIVEWAY LOCATION DETAIL
N.T.S.



TYPICAL LOT SWALE DETAIL
N.T.S.

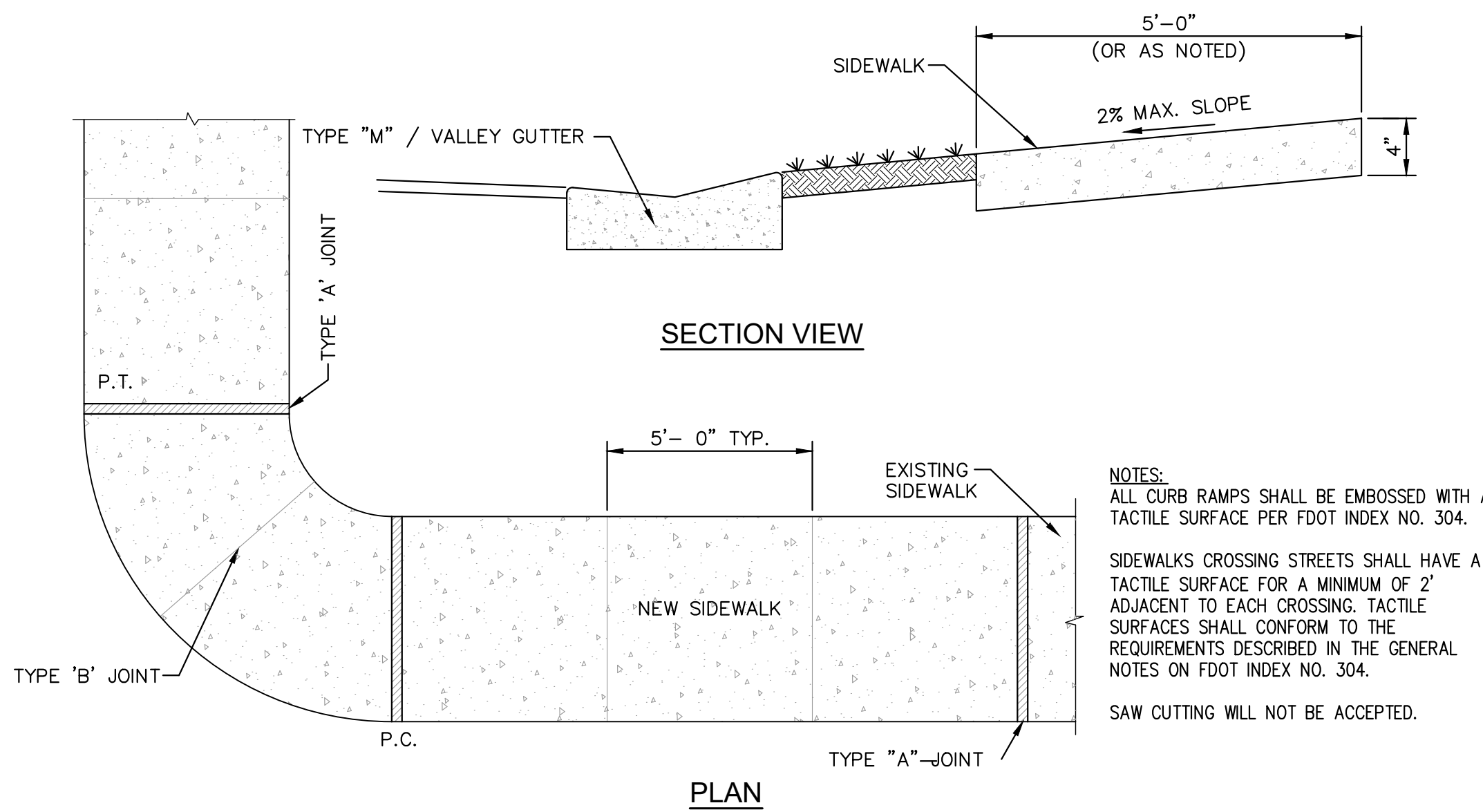


TYPICAL LOT SWALE SECTION
N.T.S.

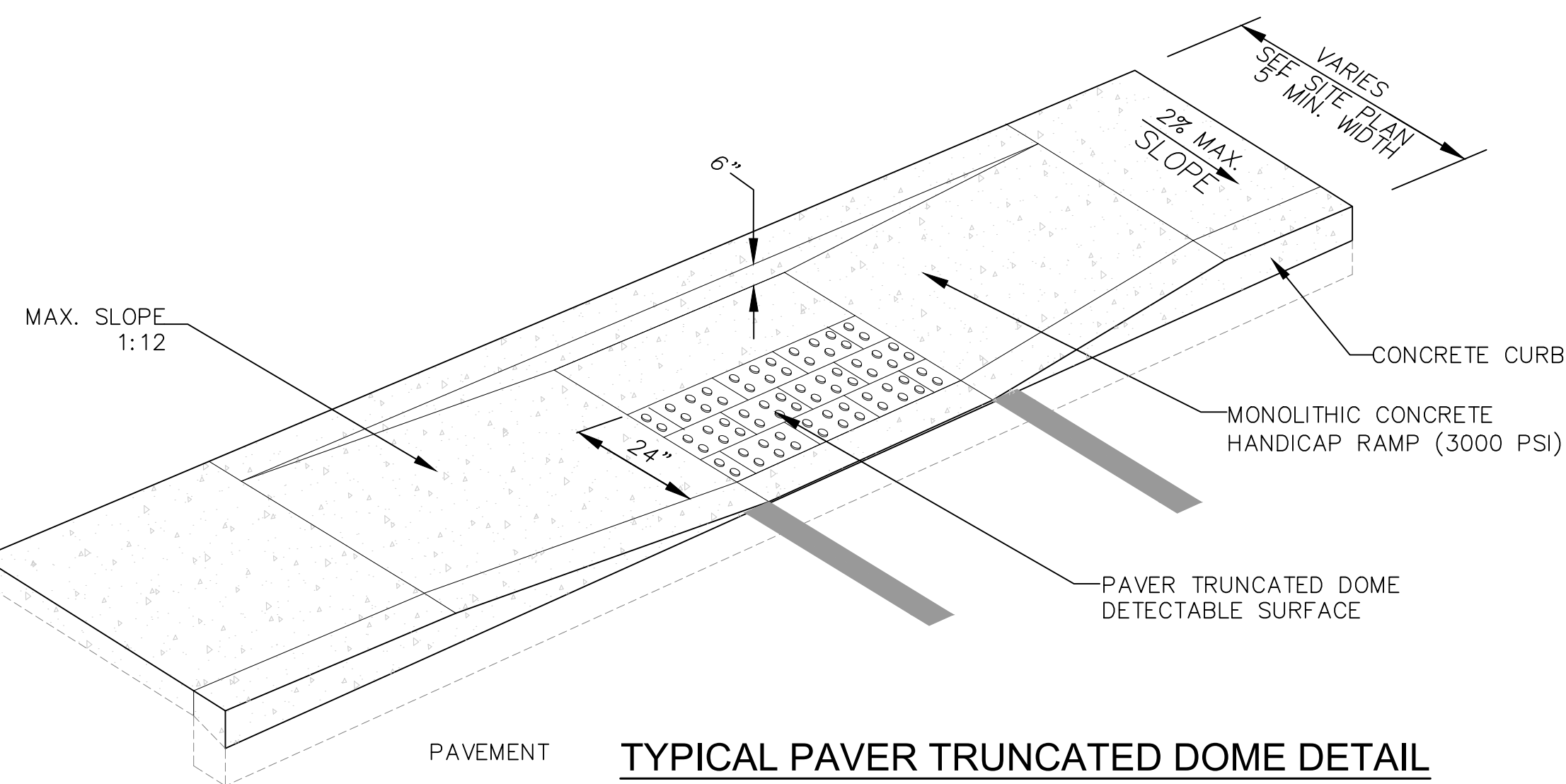
TABLE OF SIDEWALK THICKNESS - 'T'	
LOCATION	'T'
RESIDENTIAL AREAS	4"
AT DRIVEWAYS AND OTHER AREAS	6"

NOTE: CONCRETE TO BE 3,000 P.S.I. AT 28 DAYS

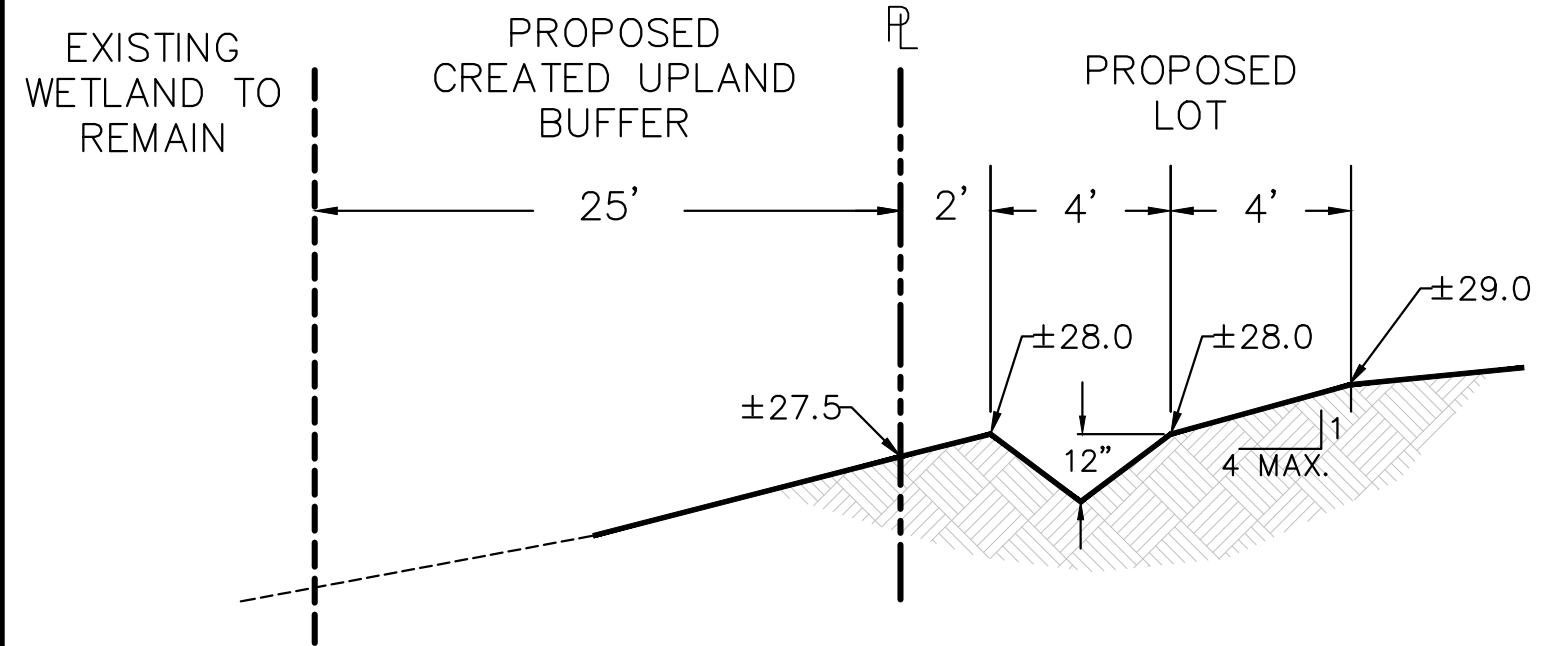
TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	P.C. AND P.T. OF CURVES.
'B'	5'-0" CENTER TO CENTER ON SIDEWALKS. (NOT LESS THAN 4' AND NOT GREATER THAN 10')
'C'	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES. JUNCTION OF EXISTING AND NEW SIDEWALKS AT INTERVALS NOT GREATER THAN 100'.



NOTES:
 ALL CURB RAMPS SHALL BE EMBOSSED WITH A TACTILE SURFACE PER FOOT INDEX NO. 304.
 SIDEWALKS CROSSING STREETS SHALL HAVE A TACTILE SURFACE FOR A MINIMUM OF 2' ADJACENT TO EACH CROSSING. TACTILE SURFACES SHALL CONFORM TO THE REQUIREMENTS DESCRIBED IN THE GENERAL NOTES ON FOOT INDEX NO. 304.
 SAW CUTTING WILL NOT BE ACCEPTED.

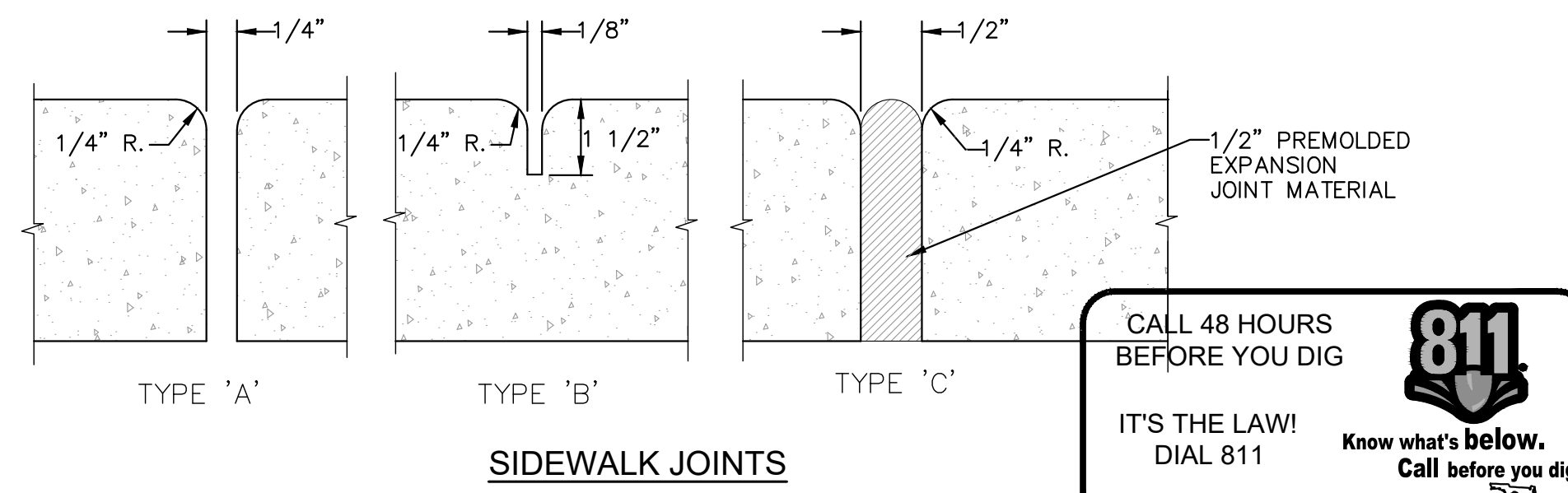


TYPICAL PAVER TRUNCATED DOME DETAIL
N.T.S.



TYPICAL TREATMENT SWALE DETAIL
N.T.S.

NOTE:
 TO BE INSTALLED ON ALL LOTS ADJACENT TO CONSERVATION EASEMENTS.



SIDEWALK CONSTRUCTION
N.T.S.

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PSLUSD PROJECT #
5212D

CITY OF PORT ST. LUCIE PROJECT #
P21-016

SHEET NUMBER
C-250

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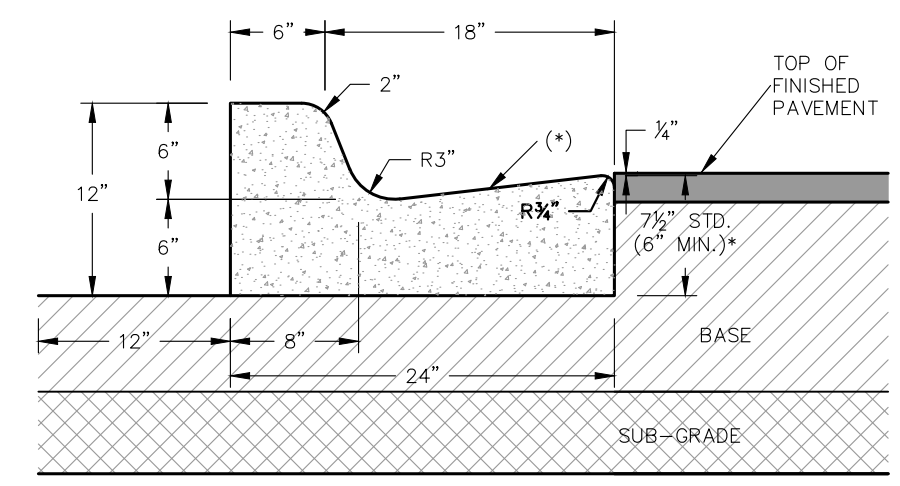
LICENSED PROFESSIONAL
 KIMAN F. HUSAINI
 STATE LICENSE NUMBER 75481
 KHA PROJECT 00000000
 DATE 11/16/2020
 SCALE AS SHOWN
 DESIGNED BY MJP
 DRAWN BY MJP
 CHECKED BY KFH

PAVING, GRADING AND DRAINAGE DETAILS

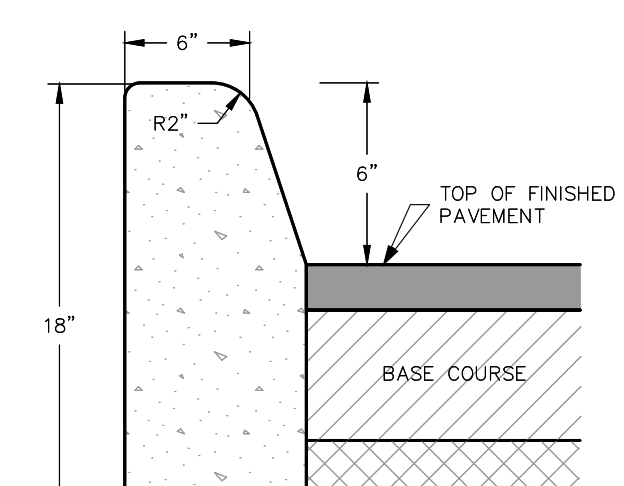
Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR
Pulte Group
 FLORIDA
 PORT ST. LUCIE

NO.	REVISIONS	DATE	BY

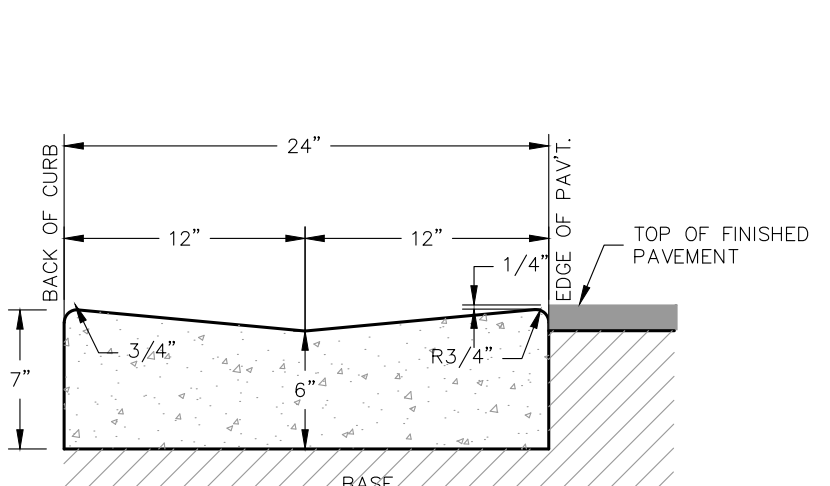
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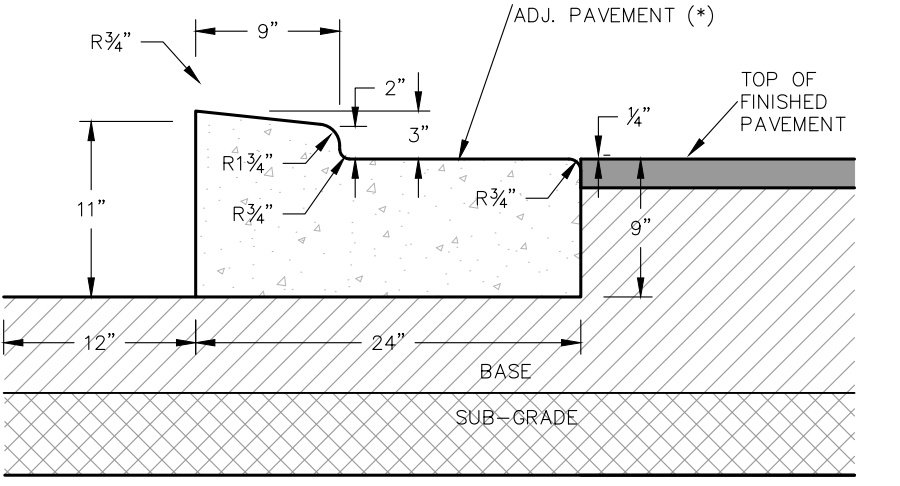
TYPE "F" CURB AND GUTTER
N.T.S.



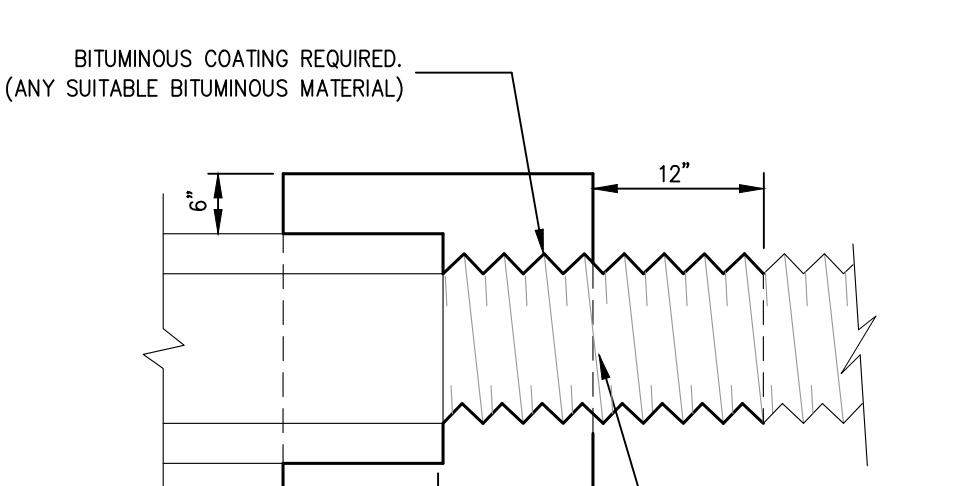
TYPE "D" CURB AND GUTTER
N.T.S.



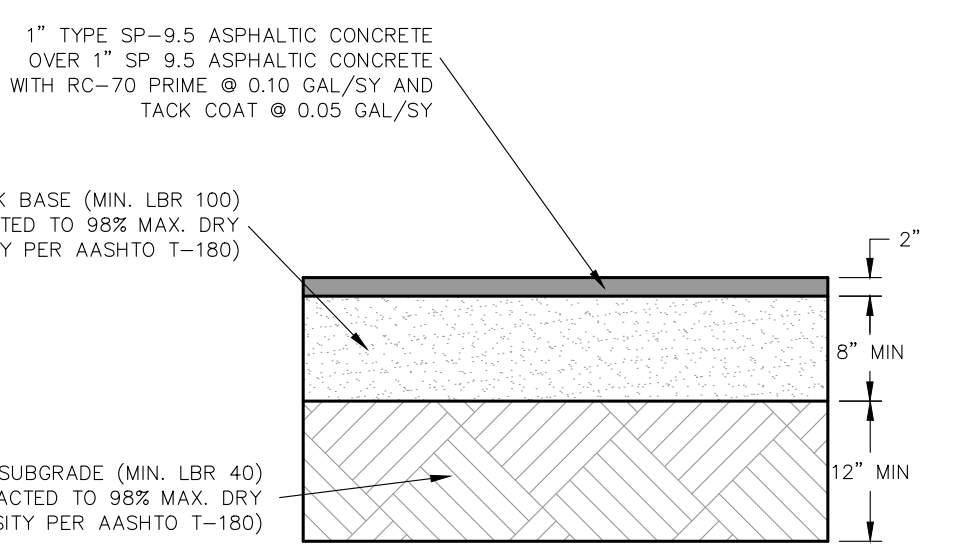
VALLEY GUTTER
N.T.S.



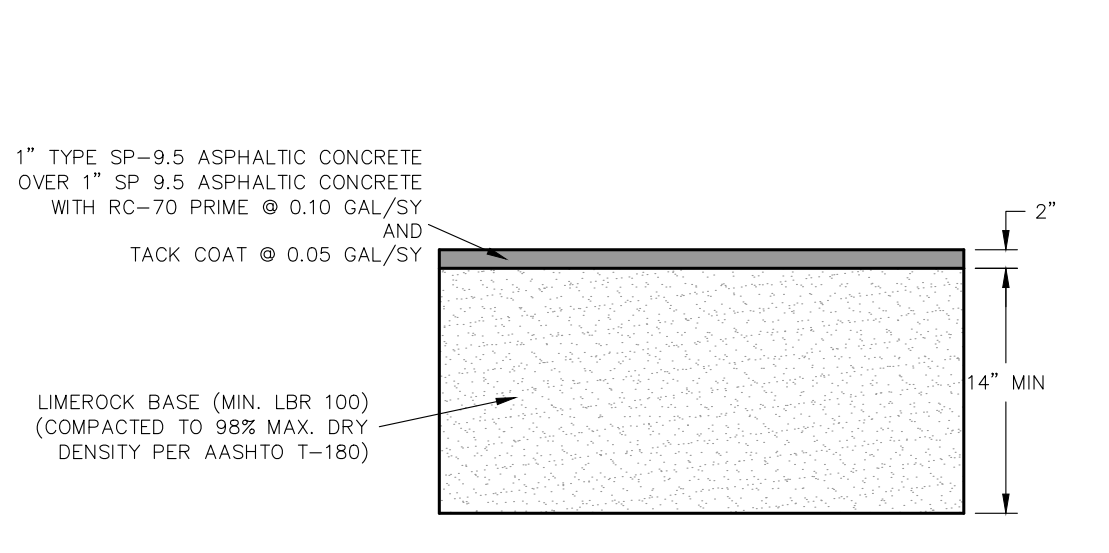
MODIFIED TYPE "RA" CURB (MOUNTABLE)
N.T.S.



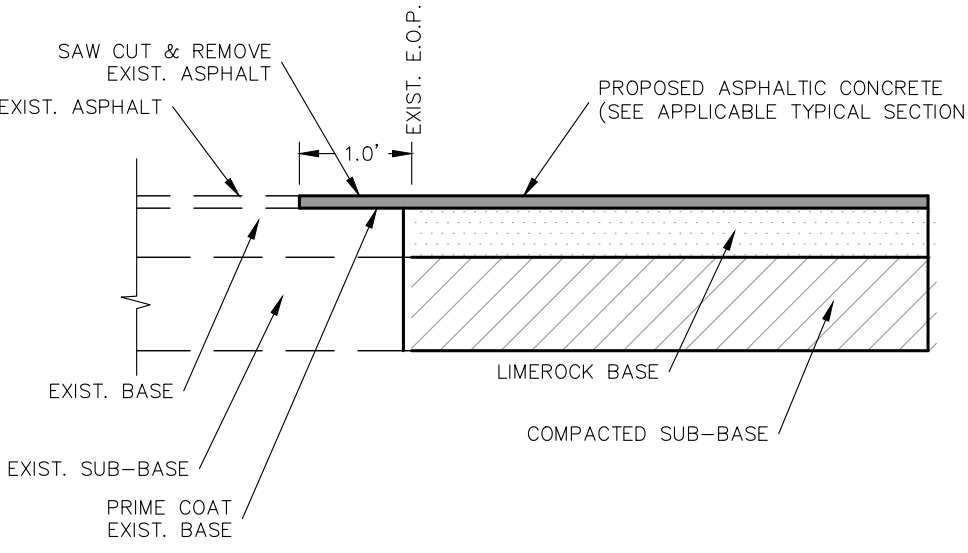
CONCRETE COLLAR DETAIL
N.T.S.



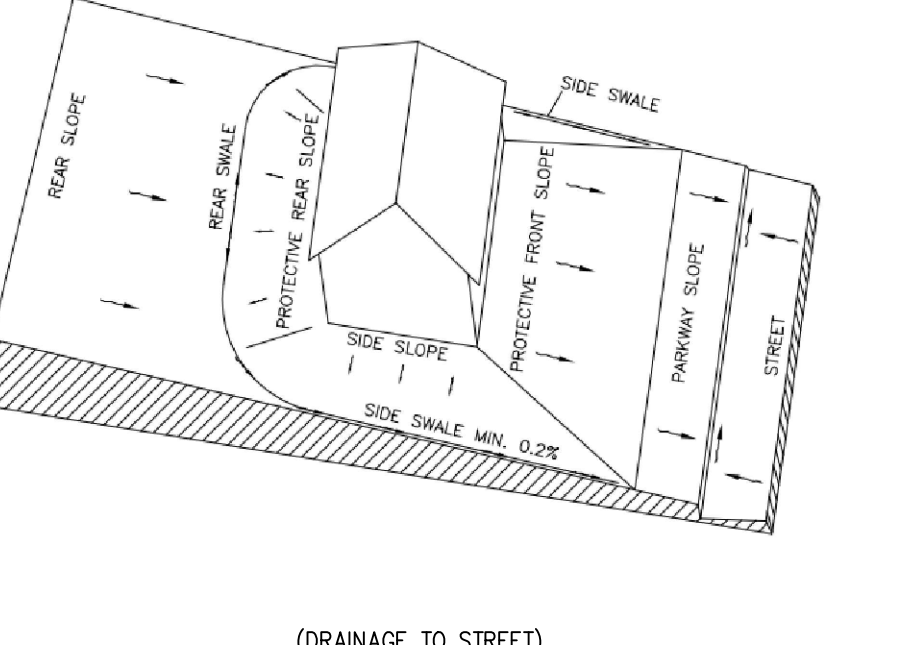
TYPICAL ASPHALTIC CONCRETE PAVEMENT SECTION
N.T.S.



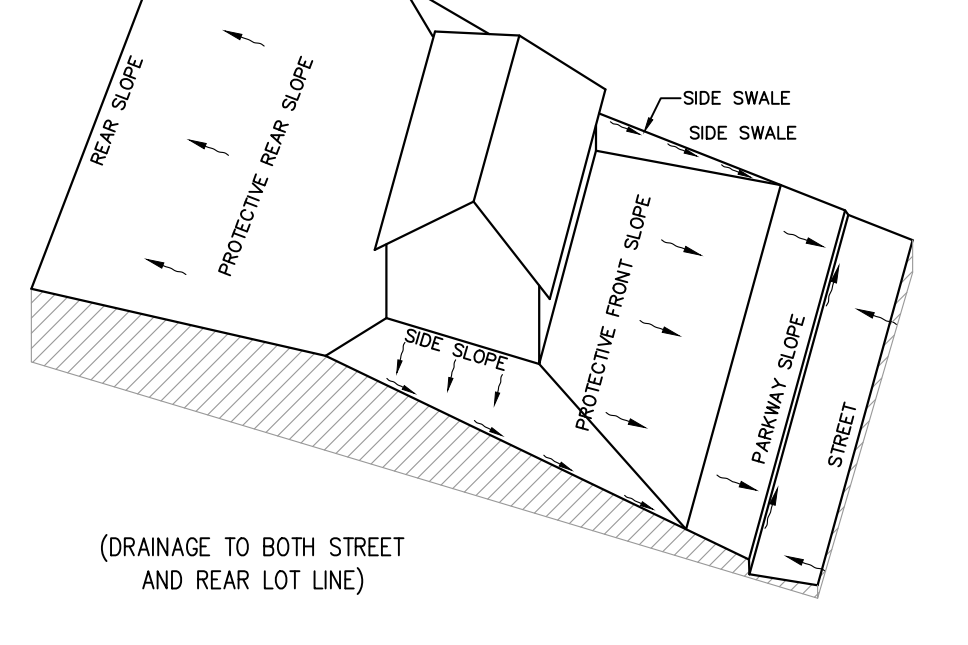
ALTERNATE ASPHALTIC CONCRETE PAVEMENT SECTION
N.T.S.



NEW ASPHALT PAVEMENT TIE-IN TYPICAL SECTION
N.T.S.

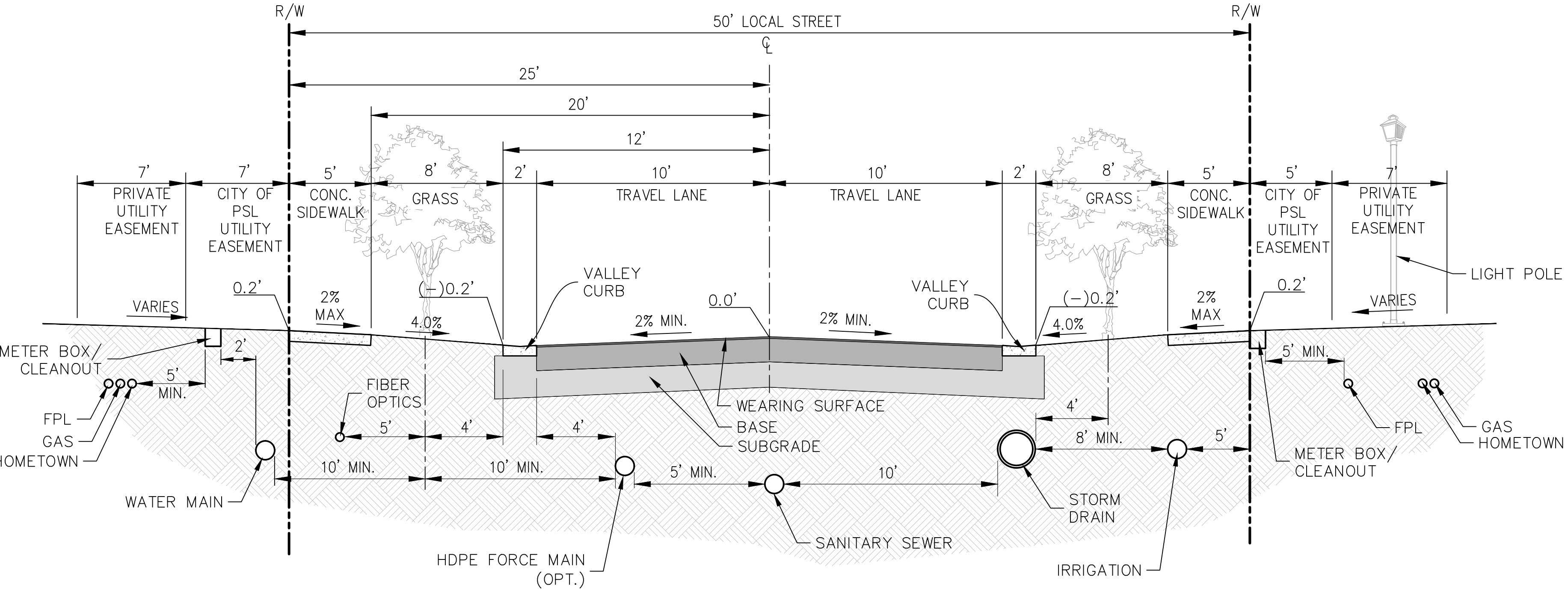


TYPE 'A' LOT GRADING DETAIL
N.T.S.

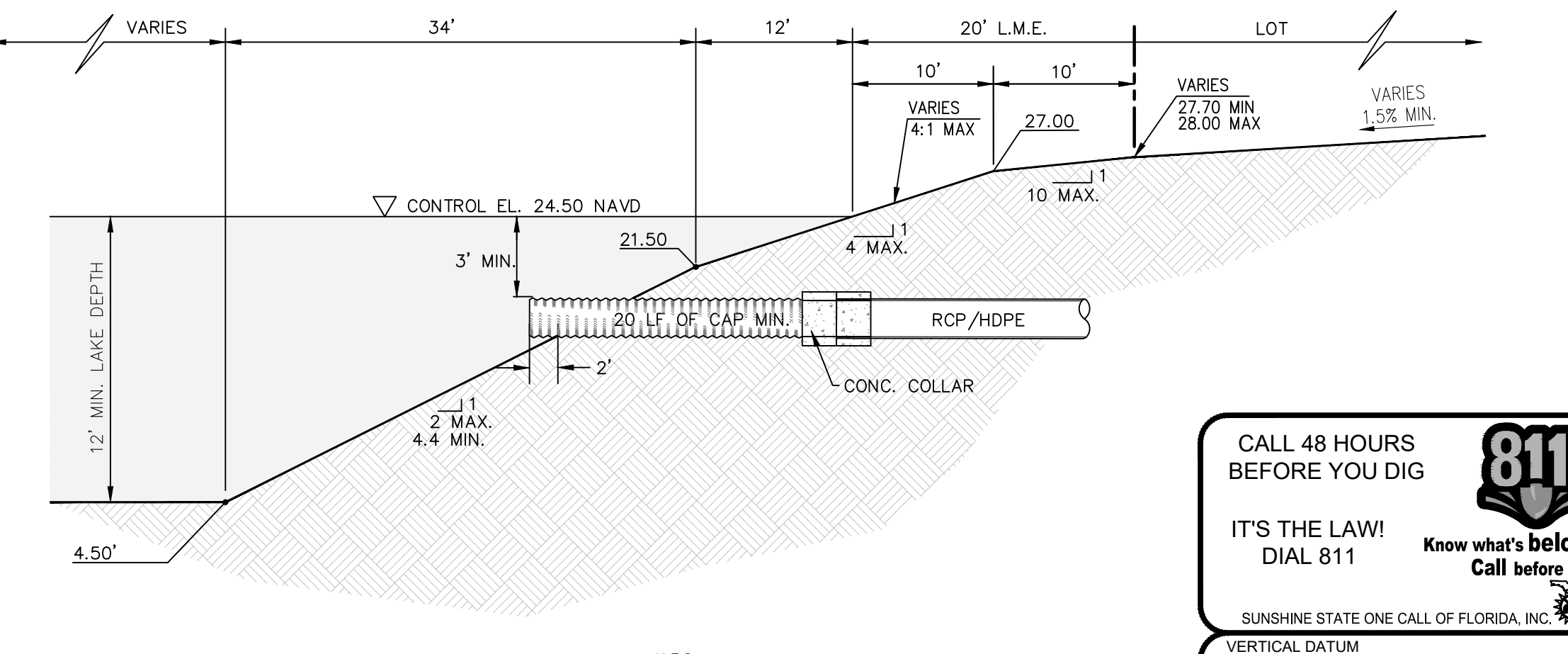


TYPE 'B' LOT GRADING DETAIL
N.T.S.

PAVEMENT SECTION STRUCTURAL CALCULATIONS				
PAVEMENT SECTION	SUBGRADE	BASE ROCK	ASPHALTIC CONCRETE	STRUCTURAL NO.
TYPICAL PAVEMENT SECTION	0.08 * 12" = 0.96 SN	0.18 * 8" = 1.44 SN	0.44 * 2" = 0.88 SN	3.28 SN
ALTERNATE PAVEMENT SECTION	0.00 * 12" = 0.00 SN	0.18 * 14" = 2.52 SN	0.44 * 2" = 0.88 SN	3.40 SN



50' LOCAL STREET SECTION
N.T.S.



TYPICAL LAKE SECTION
N.T.S.

NO.	REVISIONS	DATE

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LICENSED PROFESSIONAL
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 CHECKED BY: KFH DATE: _____

KHA PROJECT	00000000
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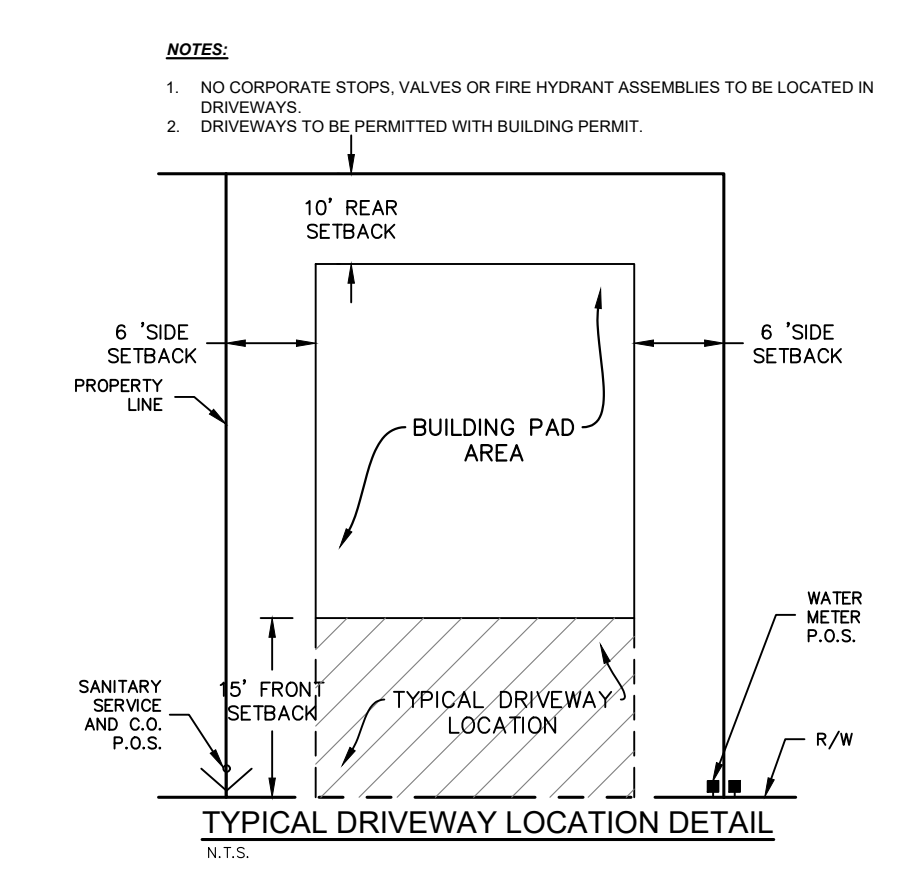
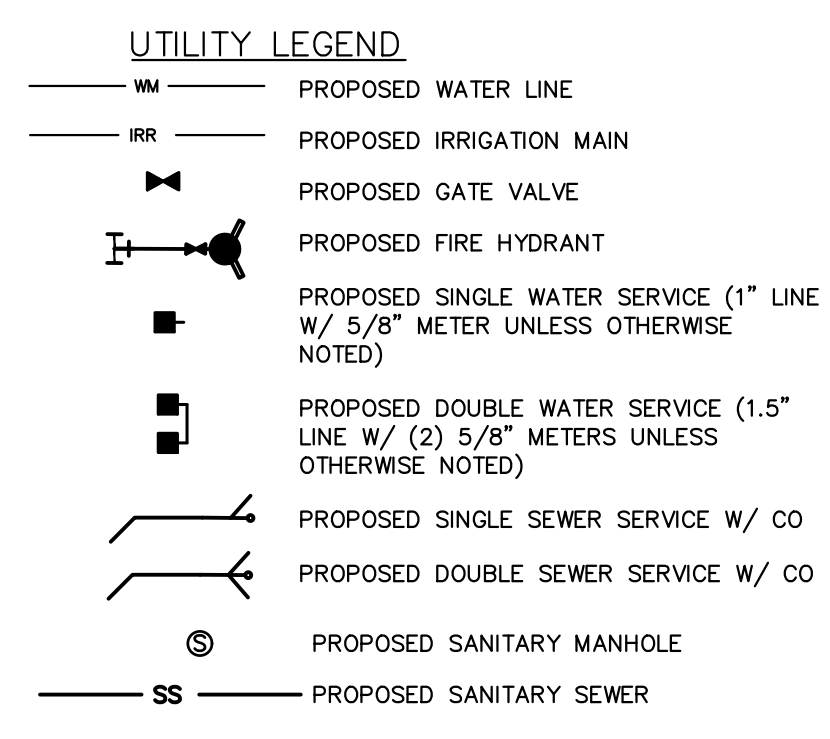
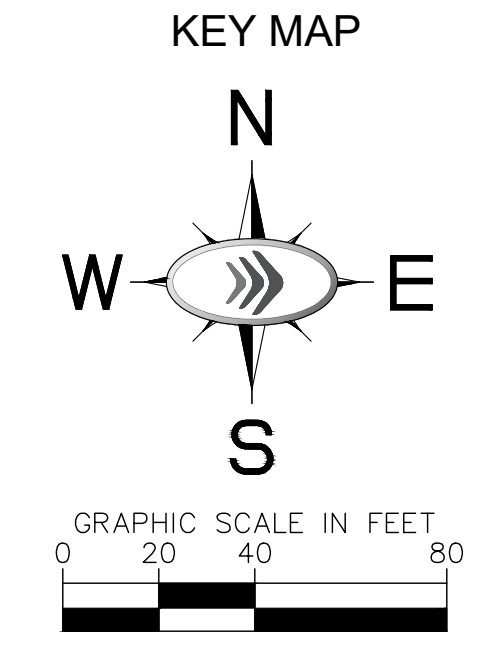
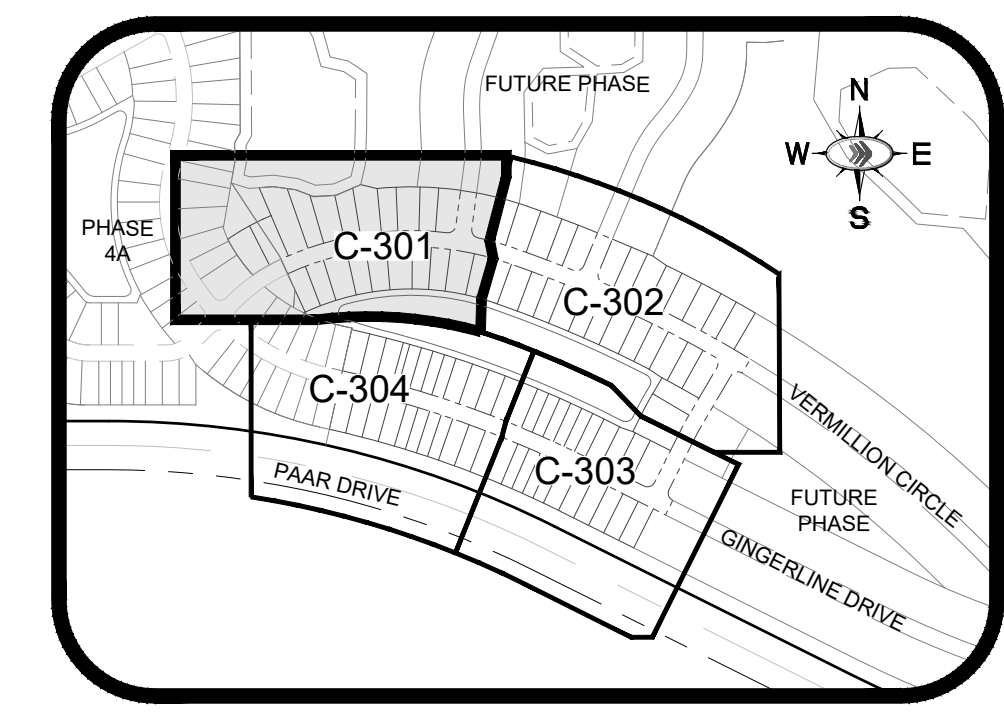
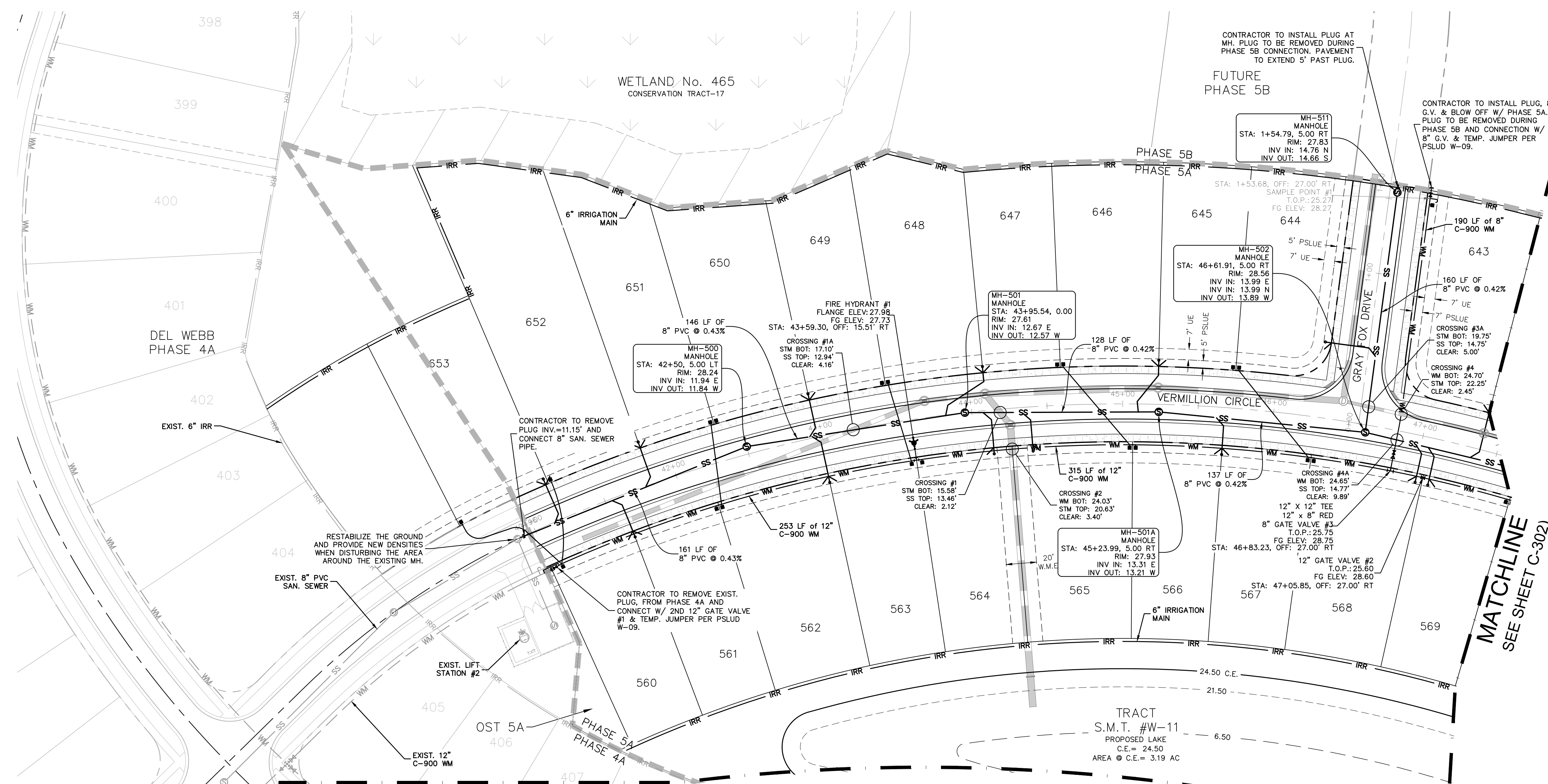
PAVING, GRADING AND DRAINAGE DETAILS

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 PREPARED FOR PulteGroup
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PSLUSD PROJECT #	CITY OF PORT ST. LUCIE PROJECT #	SHEET NUMBER
5212D	P21-016	C-251

Plotted By: Gomez, Jonathan - Sheet Set: Southern grove del webb ph 5a - L:\001\C-301 - May 05, 2021 - 02:26:34pm - K:\WEB-LDEVA\southern grove - del webb\CAD\del webb phase 5 - E\CAD\plansheets\C-300 WS-Del Webb-Phase5a.dwg
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MATCHLINE
SEE SHEET C-304)

UTILITY NOTES:

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- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
 - 8" PVC SDR26 PER ASTM D 3034 DEPTHS LESS THAN 15'
 - 8" PVC C900 FOR DEPTHS GREATER THAN 15'
 - 6" AND LARGER PVC C-900 PER ASTM D 2241
 - CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
 - MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
 - ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AND RESTRAINED AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
 - ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
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- CONTRACTOR TO REMOVE PLUG AT INV.=11.15' AND CONNECT 8" SAN. SEWER PIPE.
- CONTRACTOR TO REMOVE EXIST. PLUG, FROM PHASE 4A AND CONNECT W/ 2ND 12" GATE VALVE #1 & TEMP. JUMPER PER PSLUD W-09.
- CONTRACTOR TO REMOVE PLUG AT MH. PLUG TO BE REMOVED DURING PHASE 5B CONNECTION. PAVEMENT TO EXTEND 5' PAST PLUG.
- CONTRACTOR TO INSTALL PLUG, 8" G.V. & BLOW OFF W/ PHASE 5A PLUG TO BE REMOVED DURING PHASE 5B AND CONNECTION W/ 2ND 8" G.V. & TEMP. JUMPER PER PSLUD W-09.
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PSLUD PROJECT #
5212D

CITY OF PORT ST. LUCIE PROJECT #
P21-016

SHEET NUMBER
C-301

Kimley-Horn

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445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
KIMAN F. HUSAINY
STATE LICENSE NUMBER 75481

WATER AND SEWER PLANS

KHA PROJECT 00000000
DATE 11/16/2020
SCALE AS SHOWN
DESIGNED BY MJP
DRAWN BY MJP
CHECKED BY KFH

Del Webb

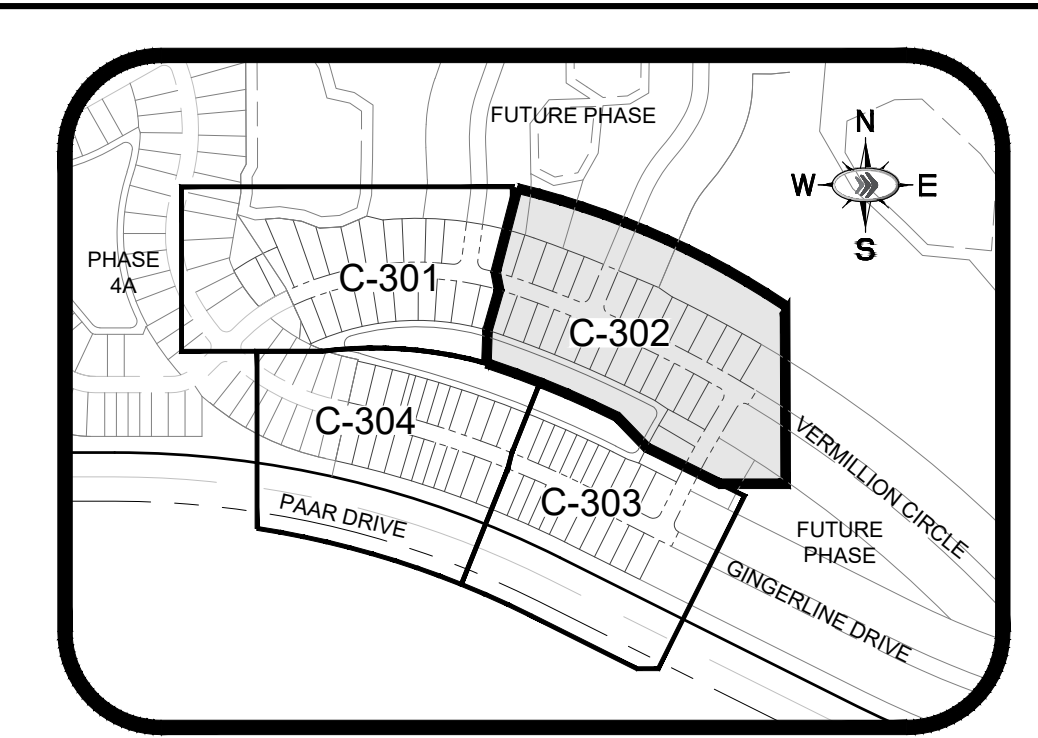
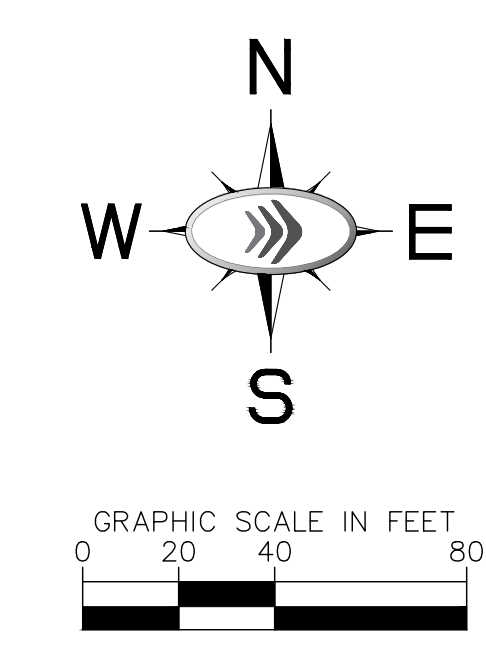
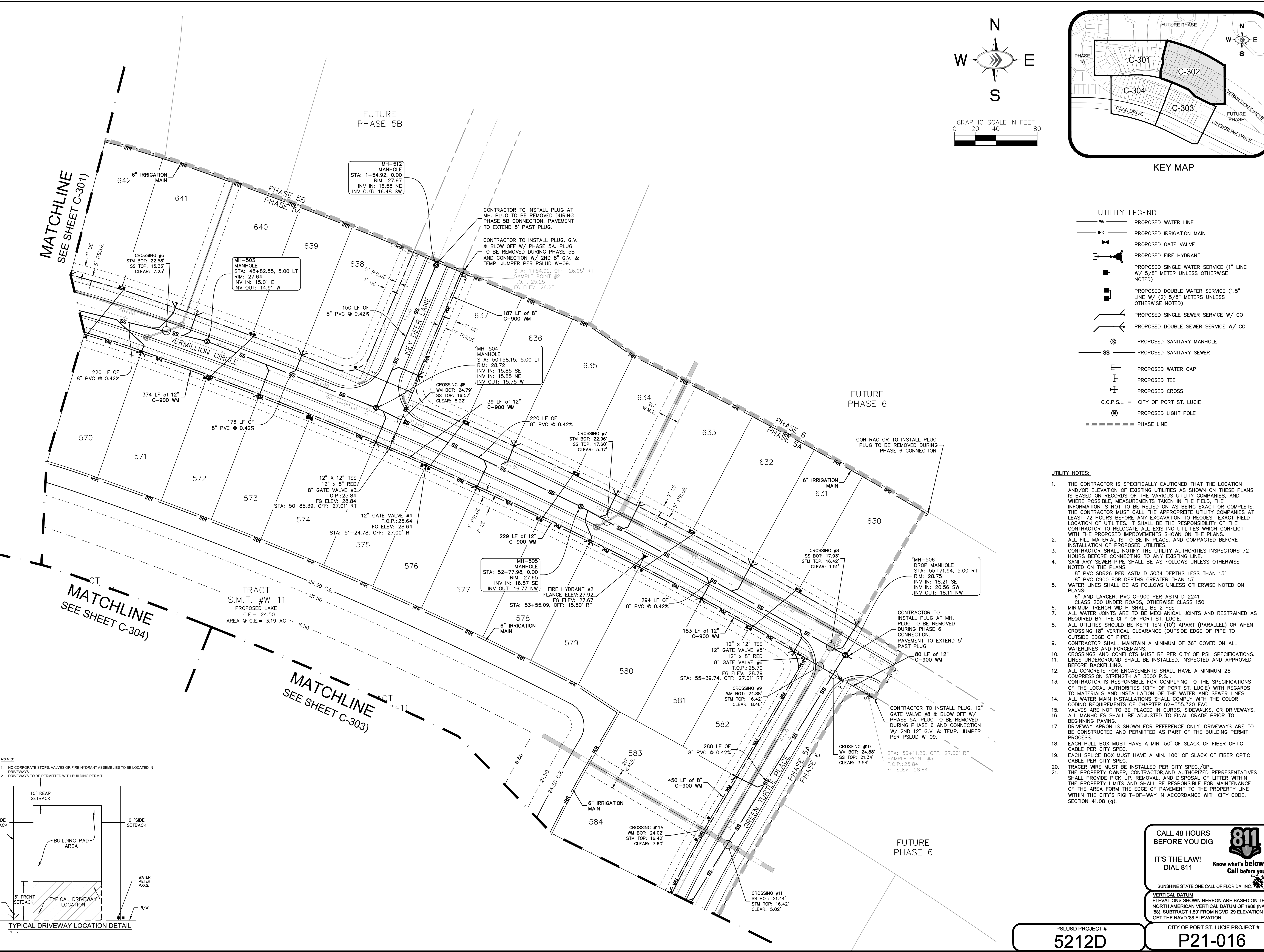
AT TRADITION - PHASE 5A
PREPARED FOR

Pulte Group

FLORIDA
PORT ST. LUCIE

NO.	REVISIONS	DATE	BY

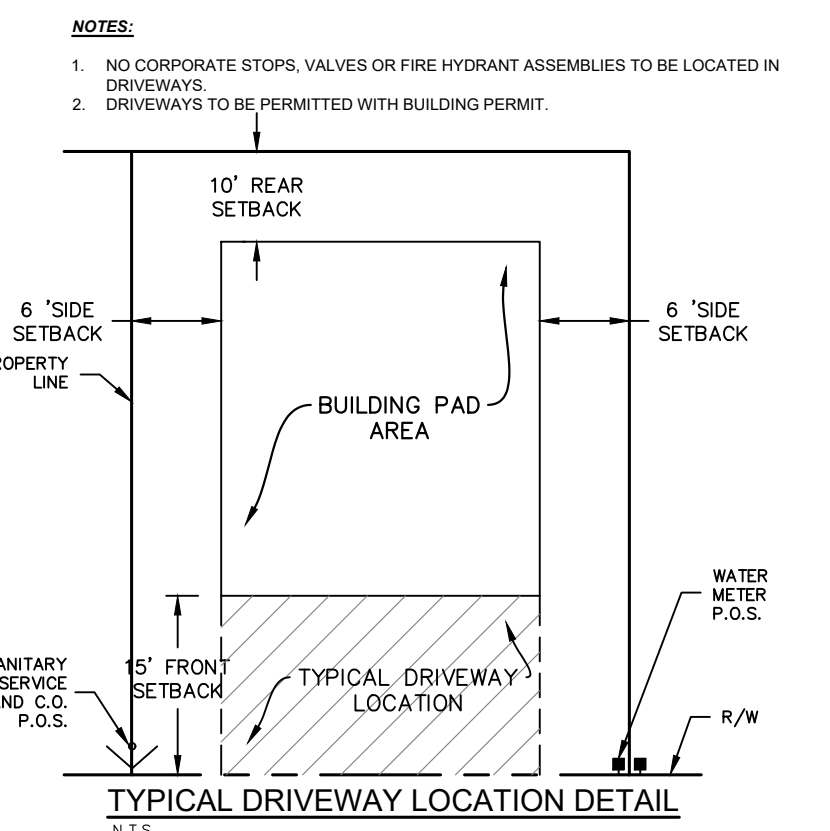
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UTILITY LEGEND

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- PROPOSED SANITARY SEWER
- PROPOSED WATER CAP
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KHA PROJECT 0000000		DATE 11/16/2020		SCALE AS SHOWN		DESIGNED BY MJP		DRAWN BY MJP		CHECKED BY KFH	
LICENSED PROFESSIONAL		KIMAN F. HUSAINY		STATE LICENSE NUMBER 75481		WWW.KIMLEY-HORN.COM		CA 00000696		REVISIONS	
NO.		DATE		BY		DATE		BY		DATE	

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WATER AND SEWER PLANS

Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR PulteGroup

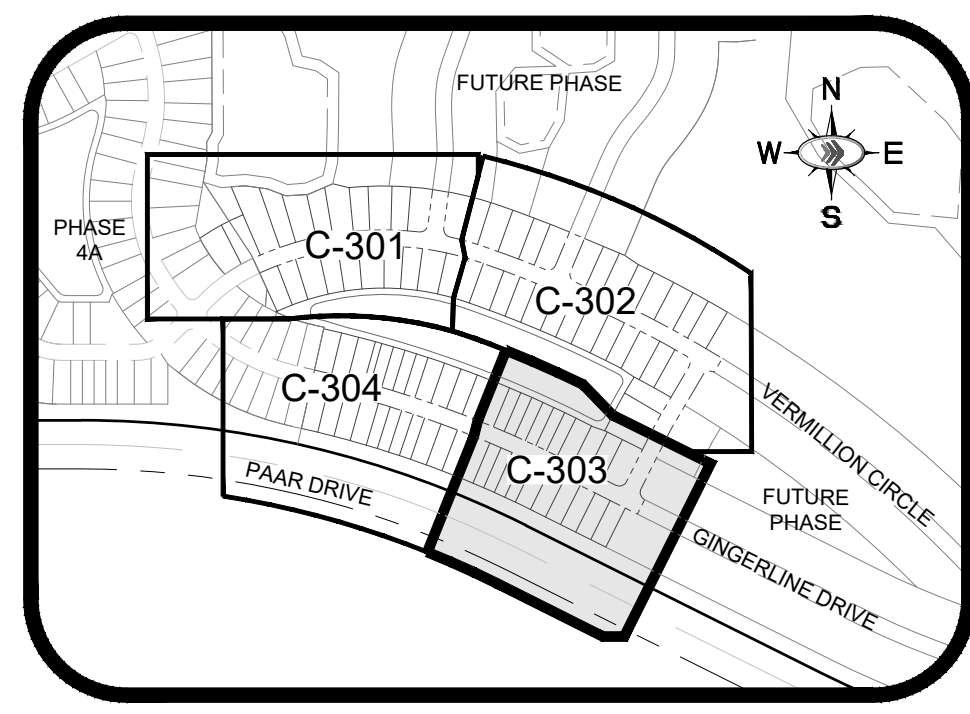
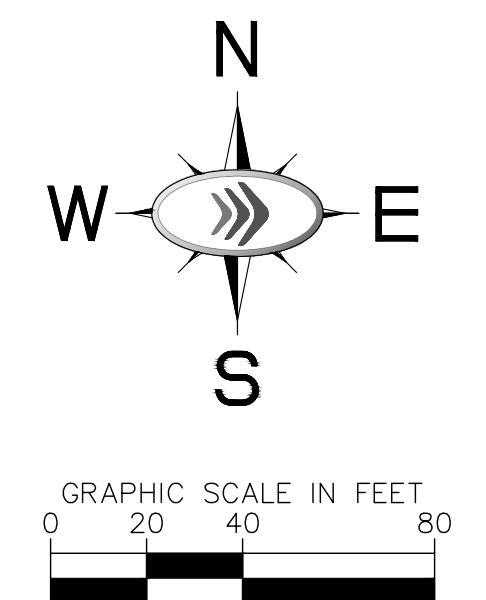
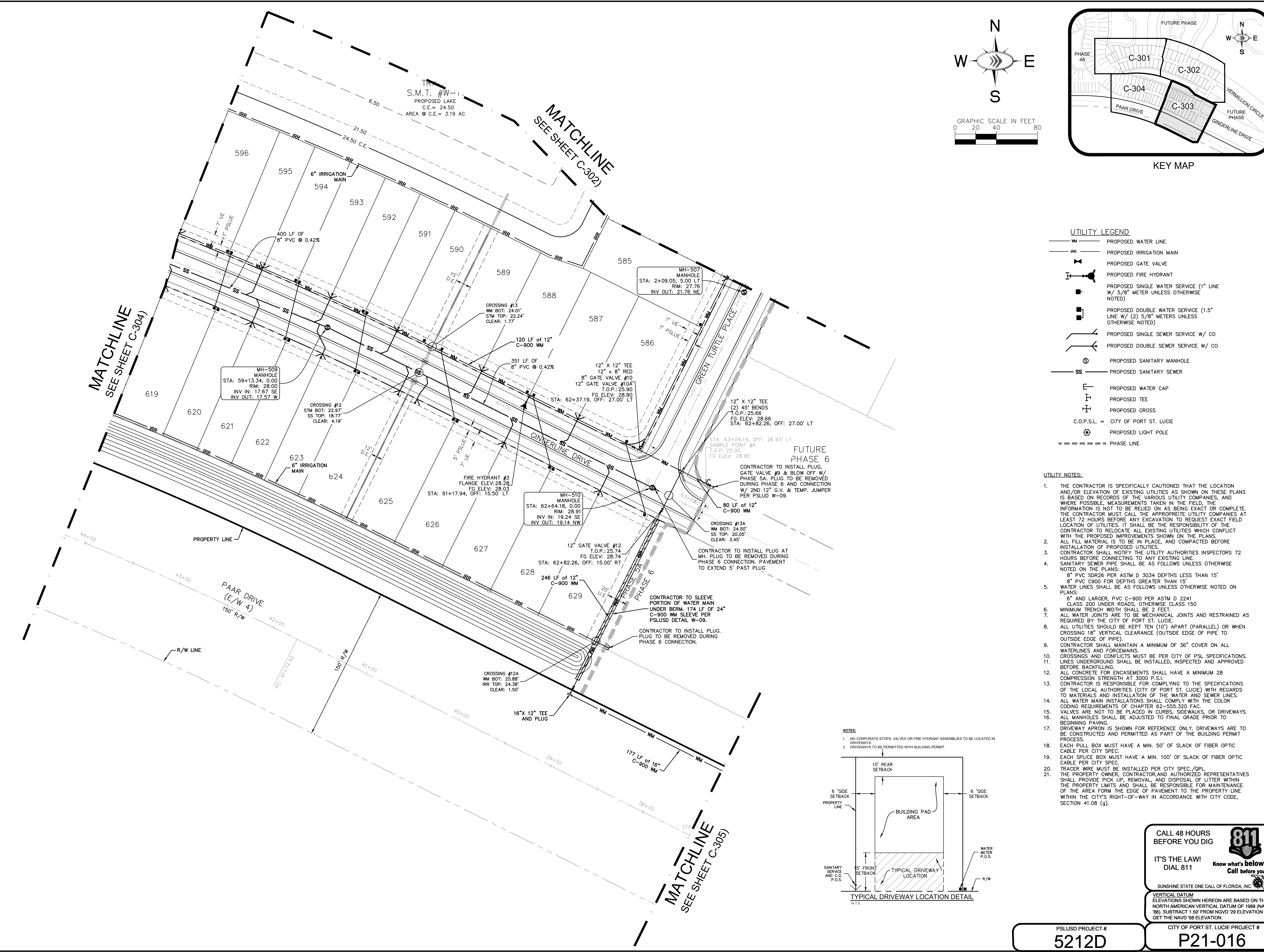
PORT ST. LUCIE, FLORIDA

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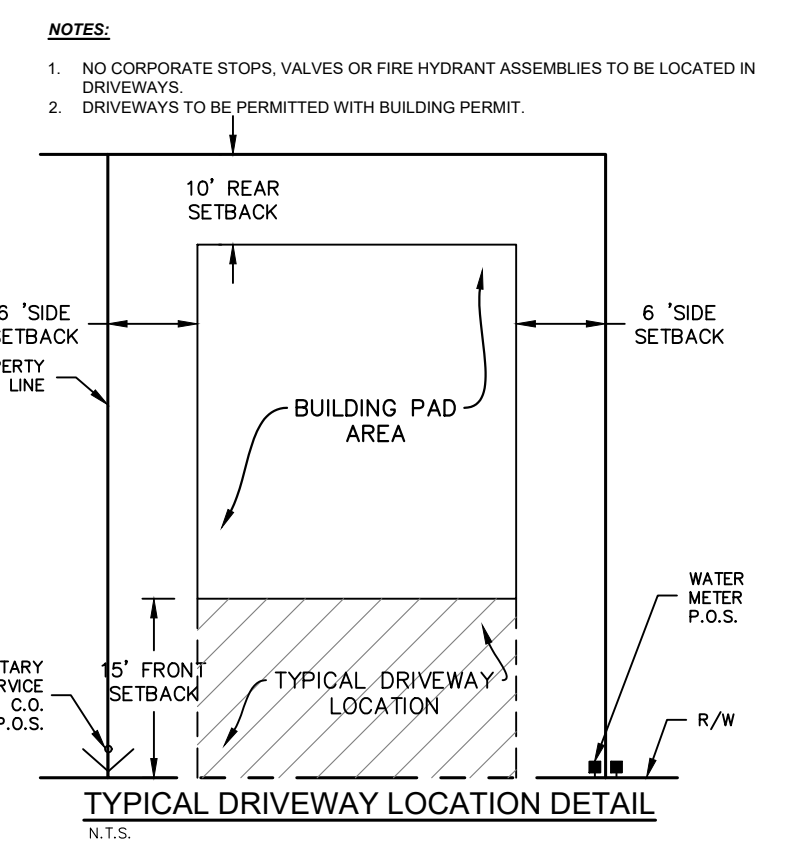
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 CITY OF PORT ST. LUCIE PROJECT # **P21-016**
 SHEET NUMBER **C-302**

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NO.	REVISIONS	DATE	BY

Kimley & Horn

LICENSED PROFESSIONAL

KIMAN F. HUSAINY

STATE LICENSE NUMBER 75481

WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT 00000000

DATE 11/16/2020

SCALE AS SHOWN

DESIGNED BY MJJP

DRAWN BY MJJP

CHECKED BY KFH

WATER AND SEWER PLANS

Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR
Pulte Group
 FLORIDA
 PORT ST. LUCIE

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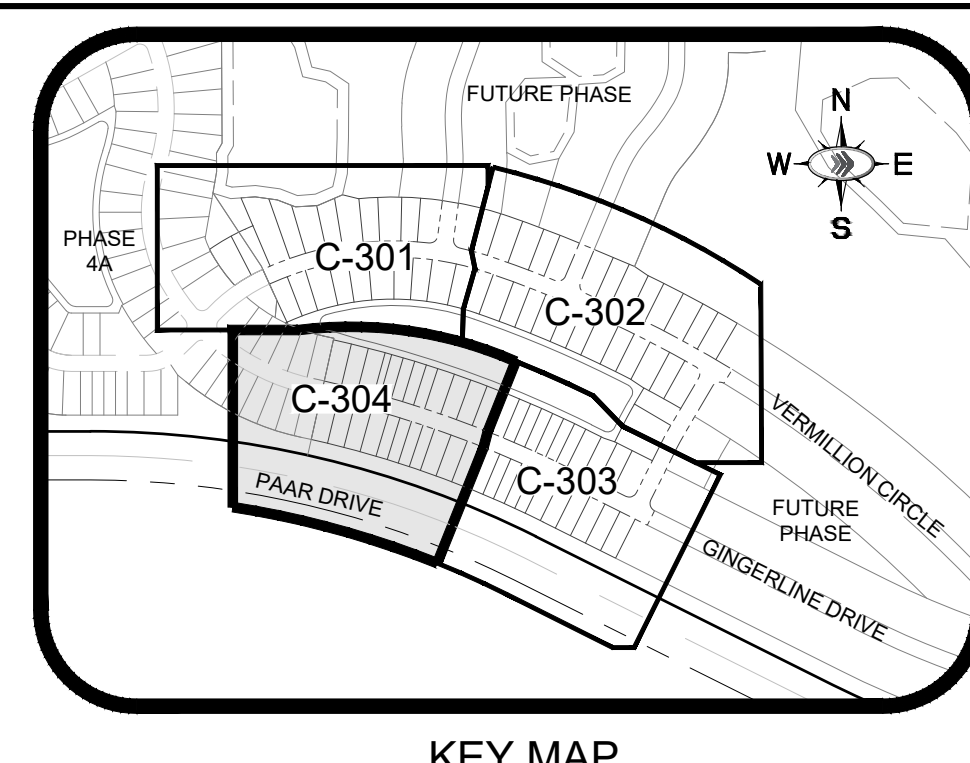
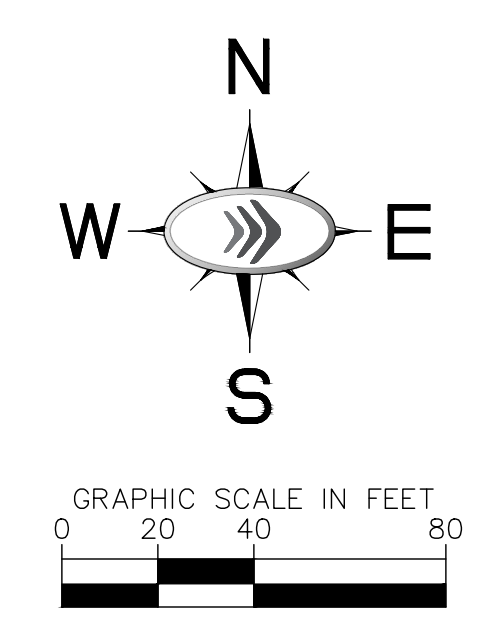
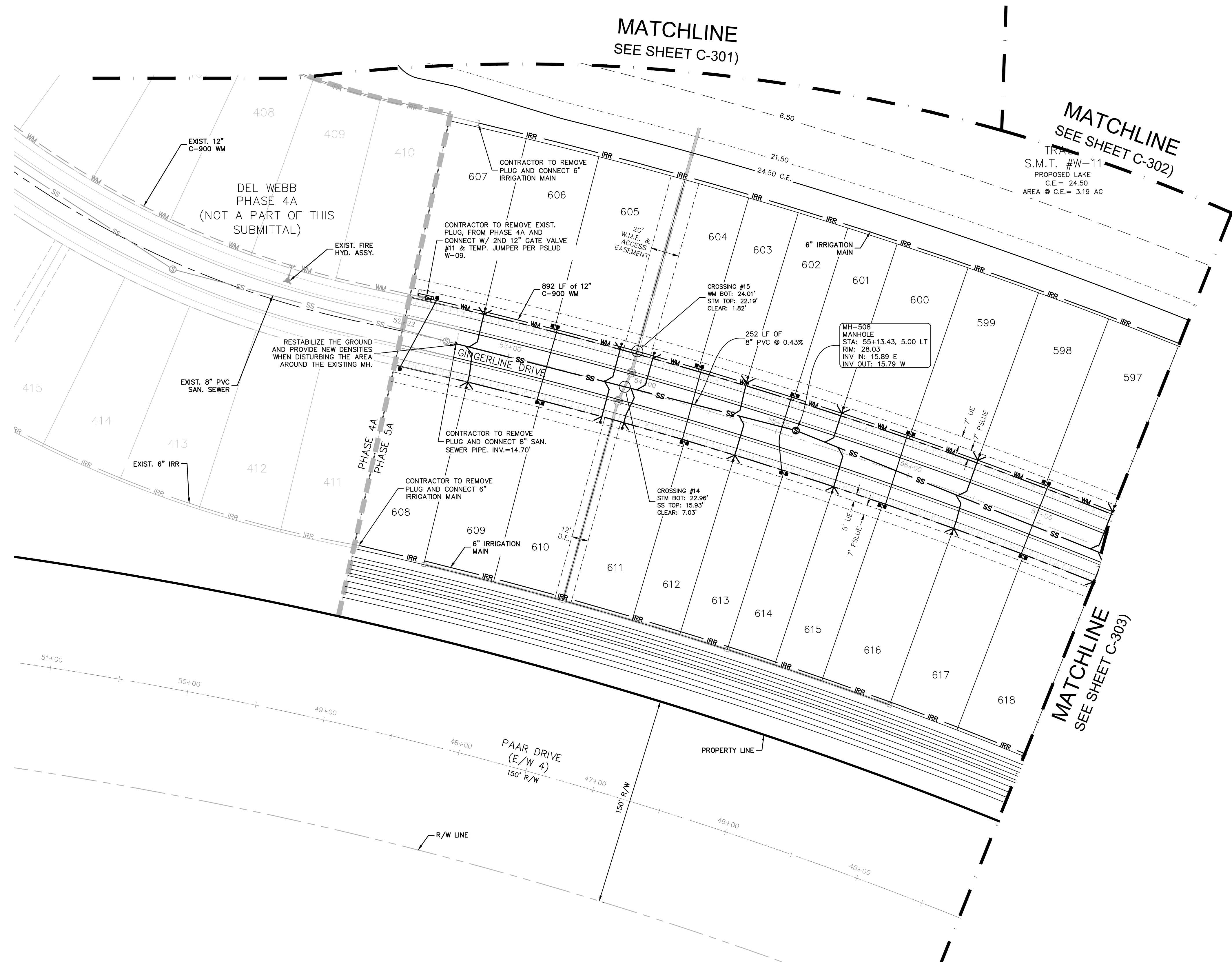
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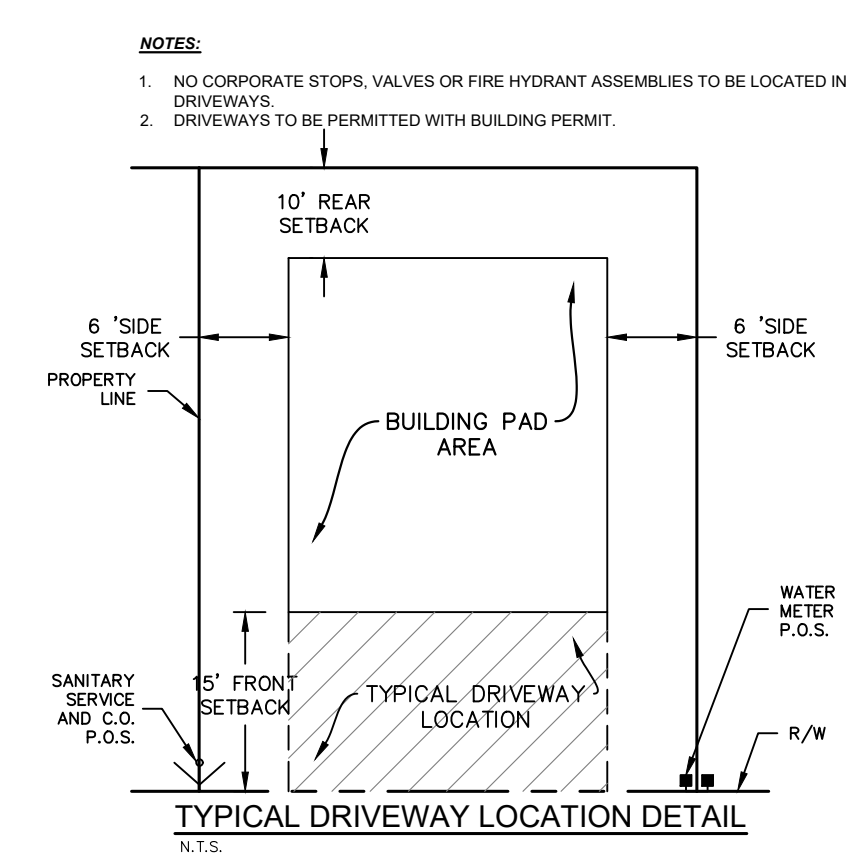
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5212D	P21-016	C-303

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NO.	REVISIONS	DATE	BY

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 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL	KIMAN F. HUSIANY
KHA PROJECT	00000000
DATE	11/16/2020
SCALE	AS SHOWN
DESIGNED BY	MJP
DRAWN BY	MJP
CHECKED BY	KFH
DATE:	

WATER AND SEWER PLANS

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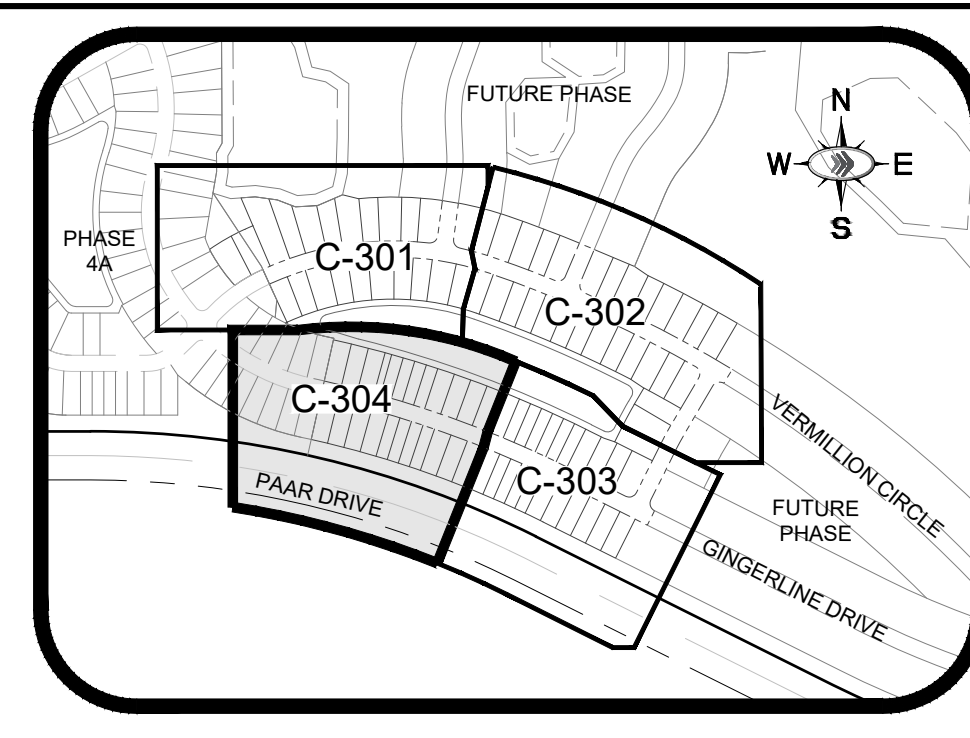
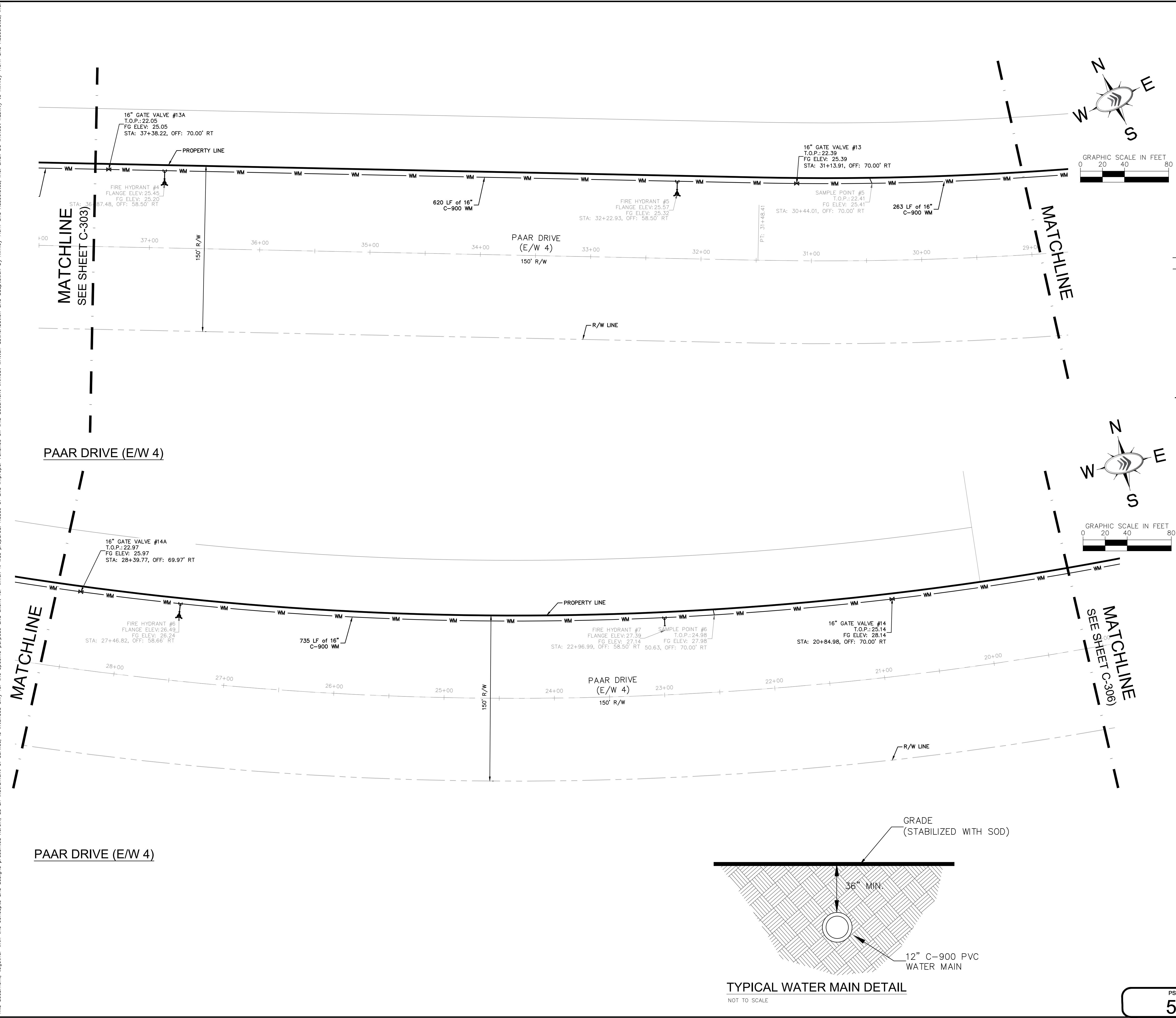
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PSLUSD PROJECT # **5212D**

CITY OF PORT ST. LUCIE PROJECT # **P21-016**

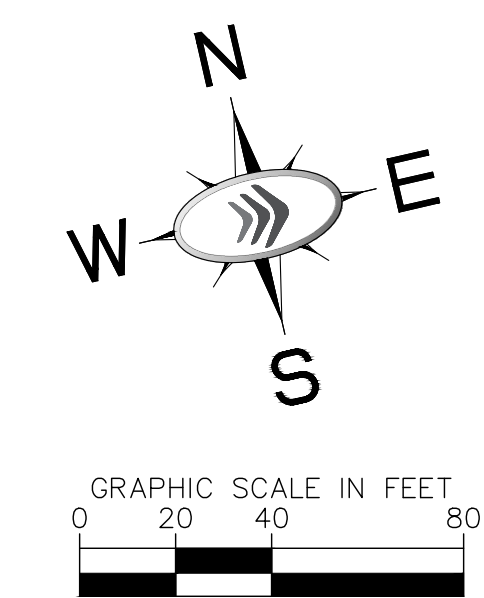
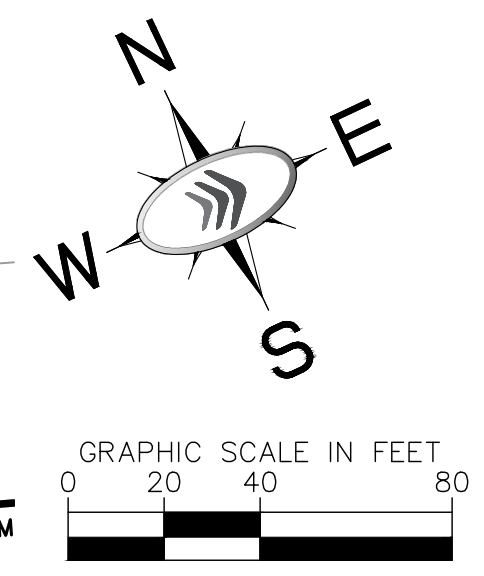
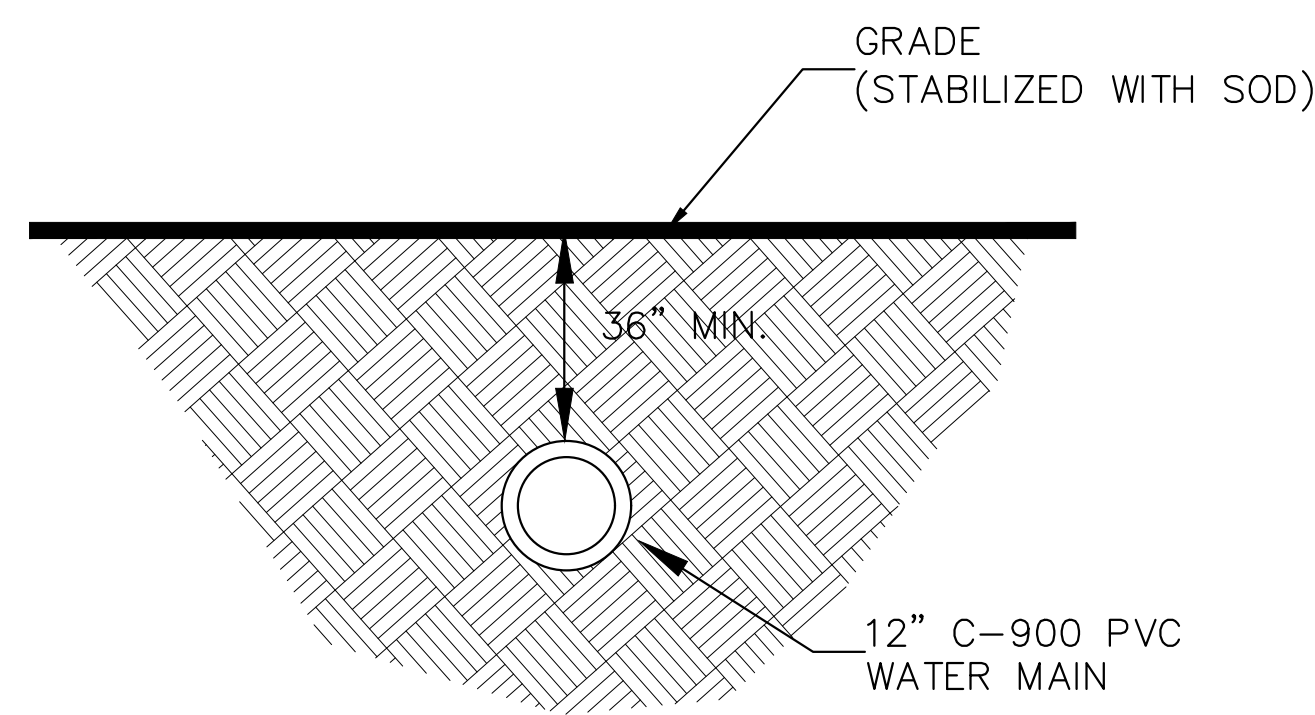
SHEET NUMBER **C-304**

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 - DW - PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
 - CS - PROPOSED SINGLE SEWER SERVICE W/ CO
 - DS - PROPOSED DOUBLE SEWER SERVICE W/ CO
 - SM - PROPOSED SANITARY MANHOLE
 - SS - PROPOSED SANITARY SEWER
 - WC - PROPOSED WATER CAP
 - TT - PROPOSED TEE
 - CR - PROPOSED CROSS
 - C.O.P.S.L. - CITY OF PORT ST. LUCIE
 - PL - PROPOSED LIGHT POLE
 - PL - PHASE LINE

- UTILITY NOTES:**
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
 - CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
 - SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
 - 8" PVC SDR26 PER ASTM D 3034 DEPTHS LESS THAN 15'
 - 8" PVC C900 FOR DEPTHS GREATER THAN 15'
 - WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
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 - MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
 - ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AND RESTRAINED AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
 - ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
 - CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
 - CROSSINGS AND CONFLICTS MUST BE PER CITY OF PSL SPECIFICATIONS. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
 - ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
 - CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
 - ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 FAC.
 - VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
 - ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
 - DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.
 - EACH PULL BOX MUST HAVE A MIN. 50' OF SLACK OF FIBER OPTIC CABLE PER CITY SPEC.
 - EACH SPLICE BOX MUST HAVE A MIN. 100' OF SLACK OF FIBER OPTIC CABLE PER CITY SPEC.
 - TRACER WIRE MUST BE INSTALLED PER CITY SPEC./OPL.
 - THE PROPERTY OWNER, CONTRACTOR, AND AUTHORIZED REPRESENTATIVES SHALL PROVIDE PICK UP, REMOVAL, AND DISPOSAL OF LITTER WITHIN THE PROPERTY LIMITS AND SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE AREA FROM THE EDGE OF PAVEMENT TO THE PROPERTY LINE WITHIN THE CITY'S RIGHT-OF-WAY IN ACCORDANCE WITH CITY CODE, SECTION 41.08 (g).



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

PSLUSD PROJECT # **5212D** CITY OF PORT ST. LUCIE PROJECT # **P21-016** SHEET NUMBER **C-305**

Kimley-Horn

LICENSED PROFESSIONAL KIMAN F. HUSIANY STATE LICENSE NUMBER 75481

DATE: 11/16/2020

SCALE: AS SHOWN

DESIGNED BY: MJP

DRAWN BY: MJP

CHECKED BY: KFH

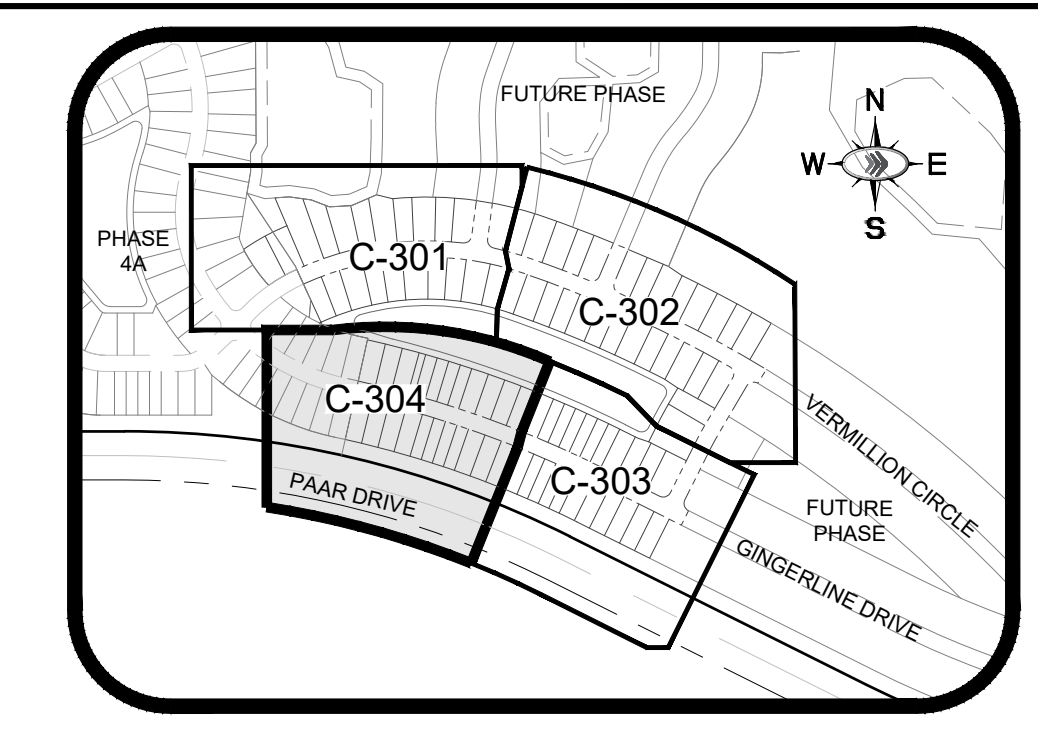
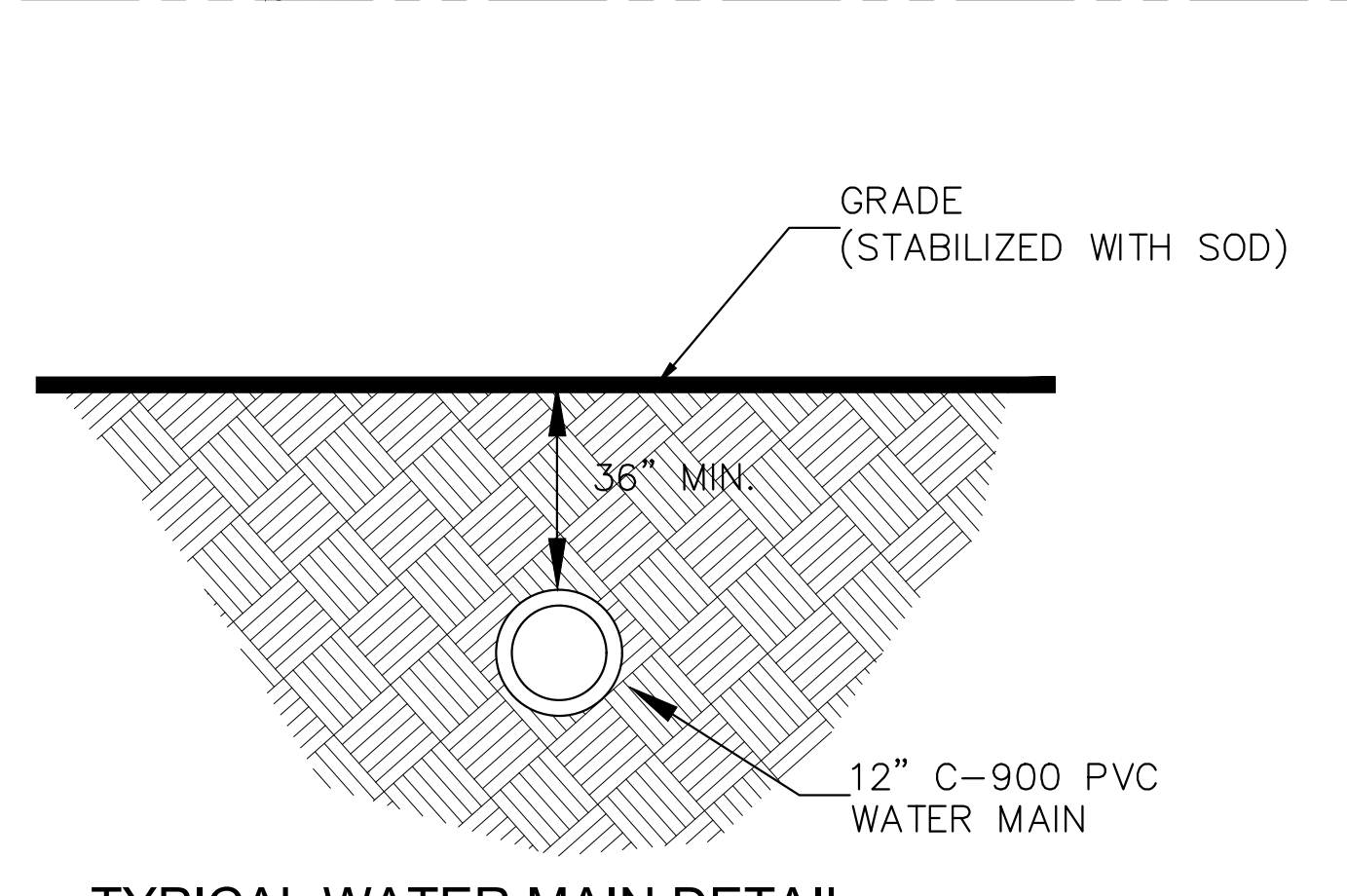
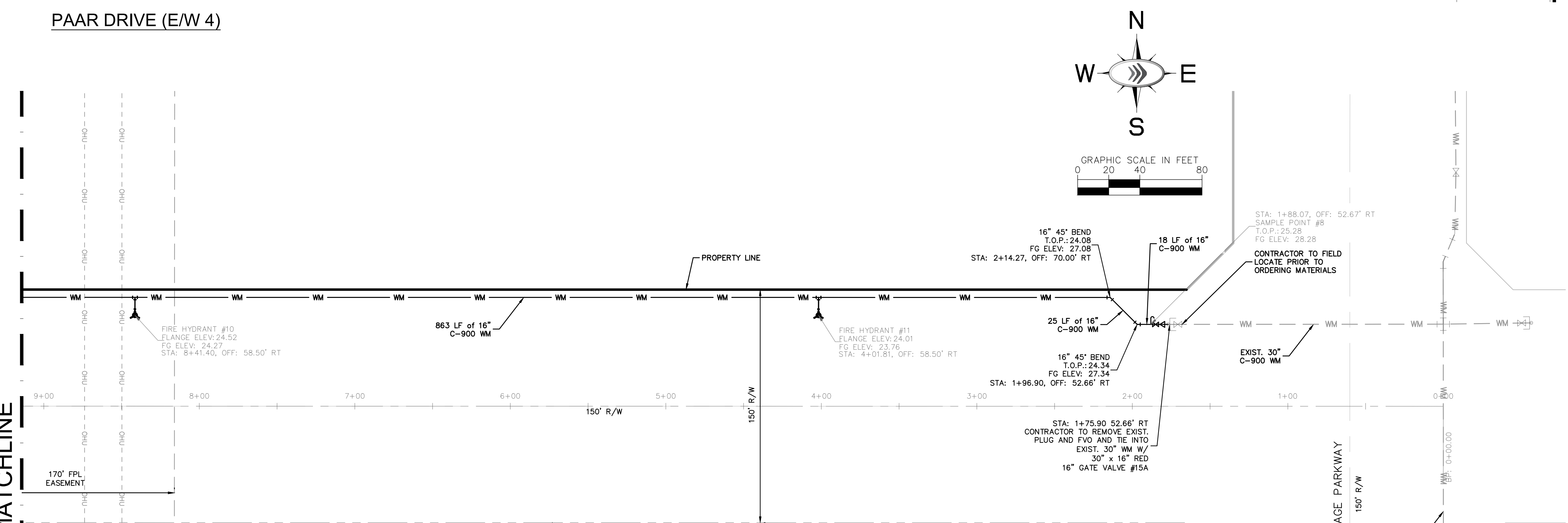
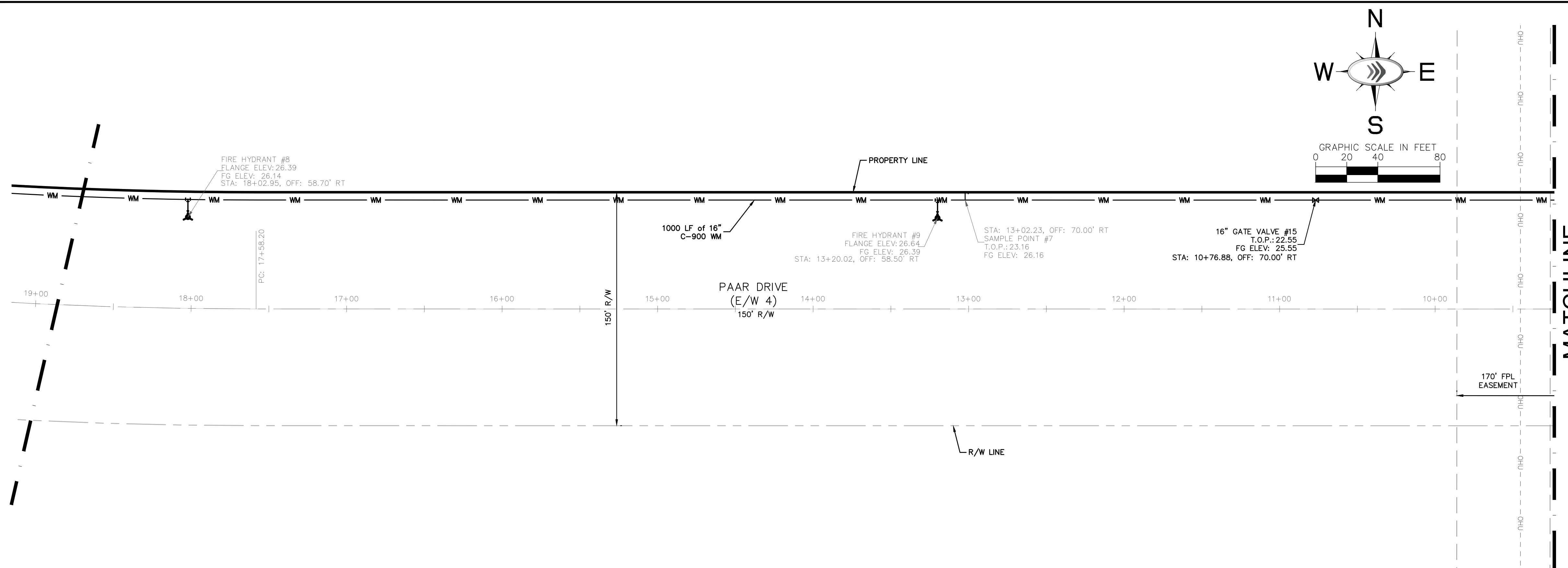
DATE:

WATER AND SEWER PLANS

AT TRADITION - PHASE 5A PREPARED FOR PulteGroup

PORT ST. LUCIE, FLORIDA

Plotted By: Gomez, Jonathan - Sheet Set: Southern Grove del web ph 5a - L:\00000000 - 02:26:54pm - K:\WEB\LOEA\Southern Grove - del web\CAD\plansheets\C-300 - WS-Del Webb-PH5a.dwg
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- UTILITY LEGEND**
- WM PROPOSED WATER LINE
 - IRR PROPOSED IRRIGATION MAIN
 - GV PROPOSED GATE VALVE
 - FH PROPOSED FIRE HYDRANT
 - SW1 PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
 - SW2 PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
 - SS1 PROPOSED SINGLE SEWER SERVICE W/ CO
 - SS2 PROPOSED DOUBLE SEWER SERVICE W/ CO
 - SM PROPOSED SANITARY MANHOLE
 - SS PROPOSED SANITARY SEWER
 - WC PROPOSED WATER CAP
 - TEE PROPOSED TEE
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 - C.O.P.S.L. = CITY OF PORT ST. LUCIE
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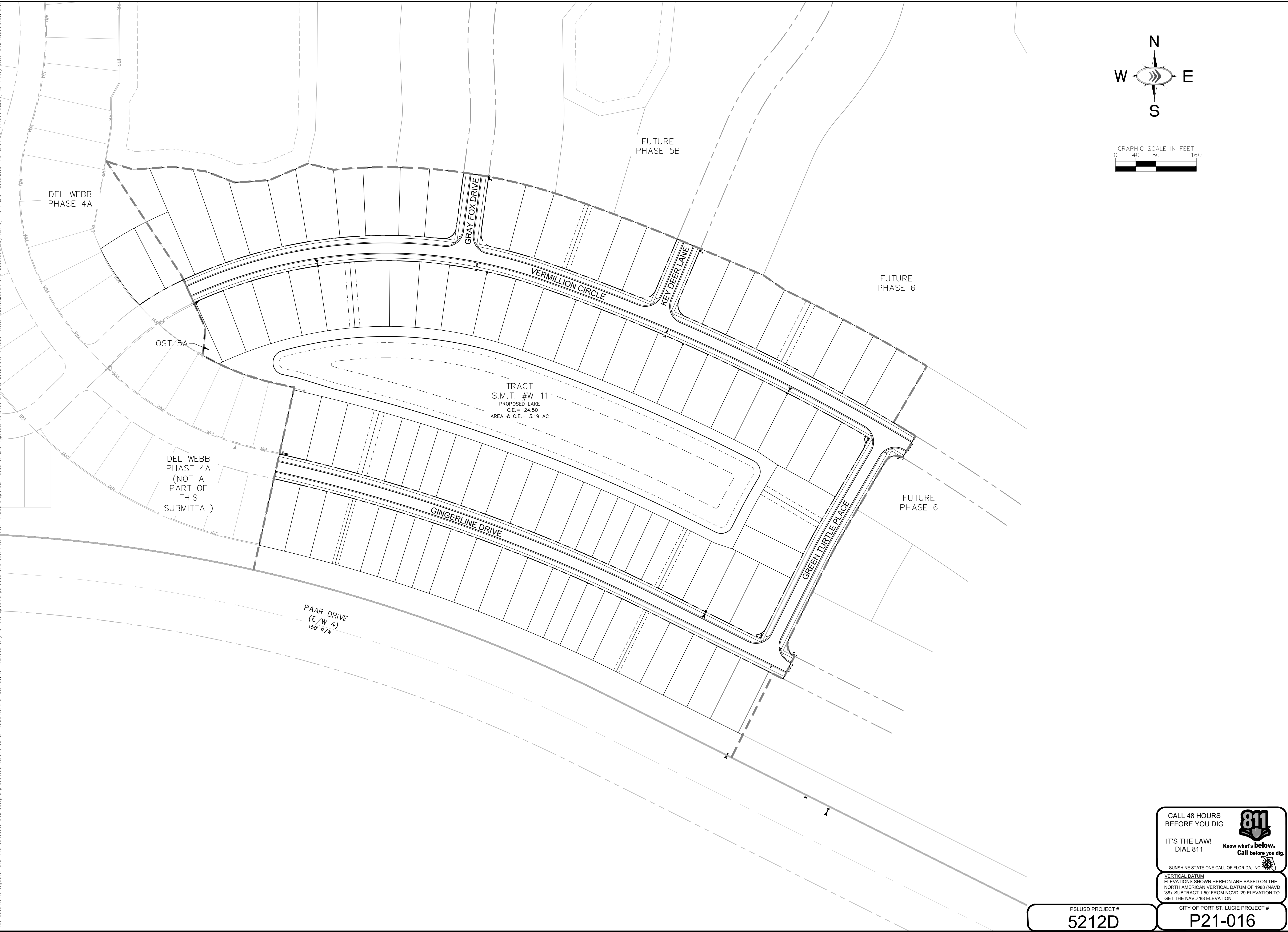
		LICENSED PROFESSIONAL KIMAN F. HUSIANY STATE LICENSE NUMBER 75481	
KHA PROJECT 00000000 DATE 11/16/2020 SCALE AS SHOWN DESIGNED BY MJP DRAWN BY MJP CHECKED BY KFH		REVISIONS No. _____ DATE _____ BY _____	
WATER AND SEWER PLANS			
PSLUSD PROJECT # 5212D		CITY OF PORT ST. LUCIE PROJECT # P21-016	
SHEET NUMBER C-306		PORT ST. LUCIE FLORIDA	

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AT TRADITION - PHASE 5A
 PREPARED FOR

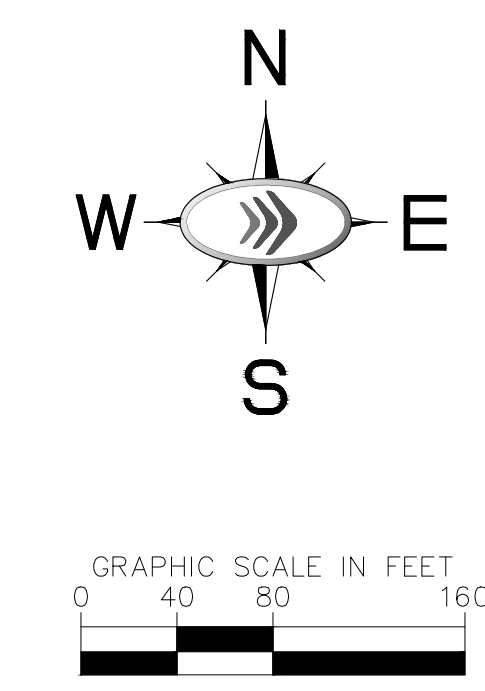
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DEL WEBB PHASE 4A (NOT A PART OF THIS SUBMITTAL)

TRACT S.M.T. #W-11
 PROPOSED LAKE
 C.E. = 24.50
 AREA @ C.E. = 3.19 AC

PAAR DRIVE (E/W 4) 150' R/W



PSLUSD PROJECT #
5212D

CITY OF PORT ST. LUCIE PROJECT #
P21-016

SHEET NUMBER
C-400

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Del Webb
 AT TRADITION - PHASE 5A
 PREPARED FOR
Pulte Group
 PORT ST. LUCIE, FLORIDA

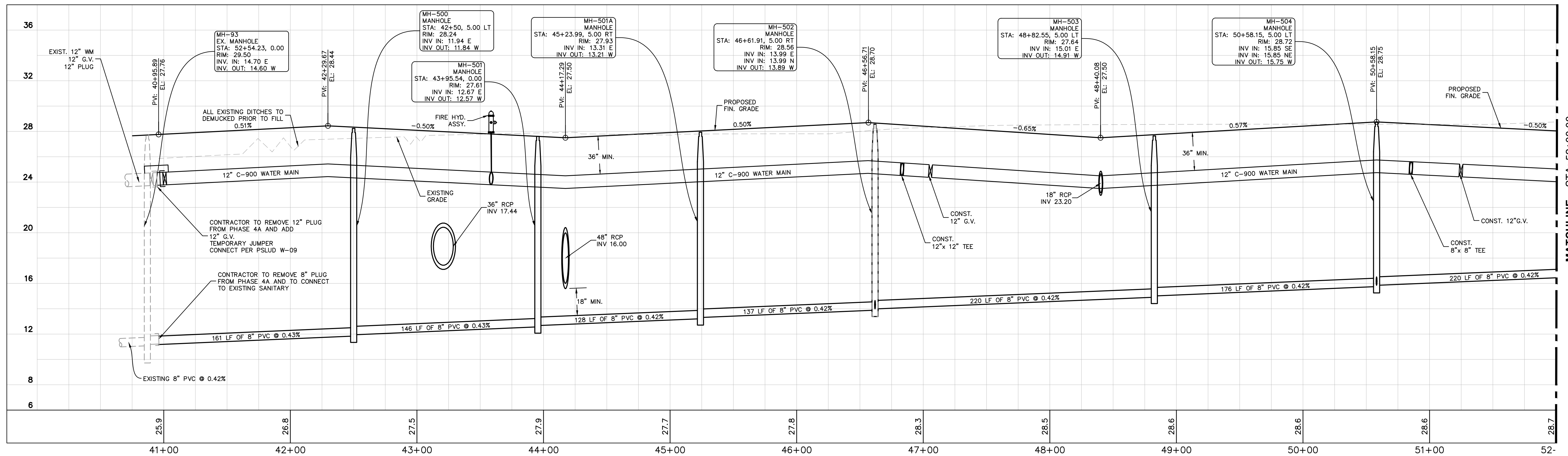
OVERALL STREET PROFILES

KHA PROJECT	00000000
DATE	11/16/2020
SCALE	AS SHOWN
DESIGNED BY	MJP
DRAWN BY	MJP
CHECKED BY	KFH
LICENSED PROFESSIONAL	KIMAN F. HUSHINY
STATE LICENSE NUMBER	75481

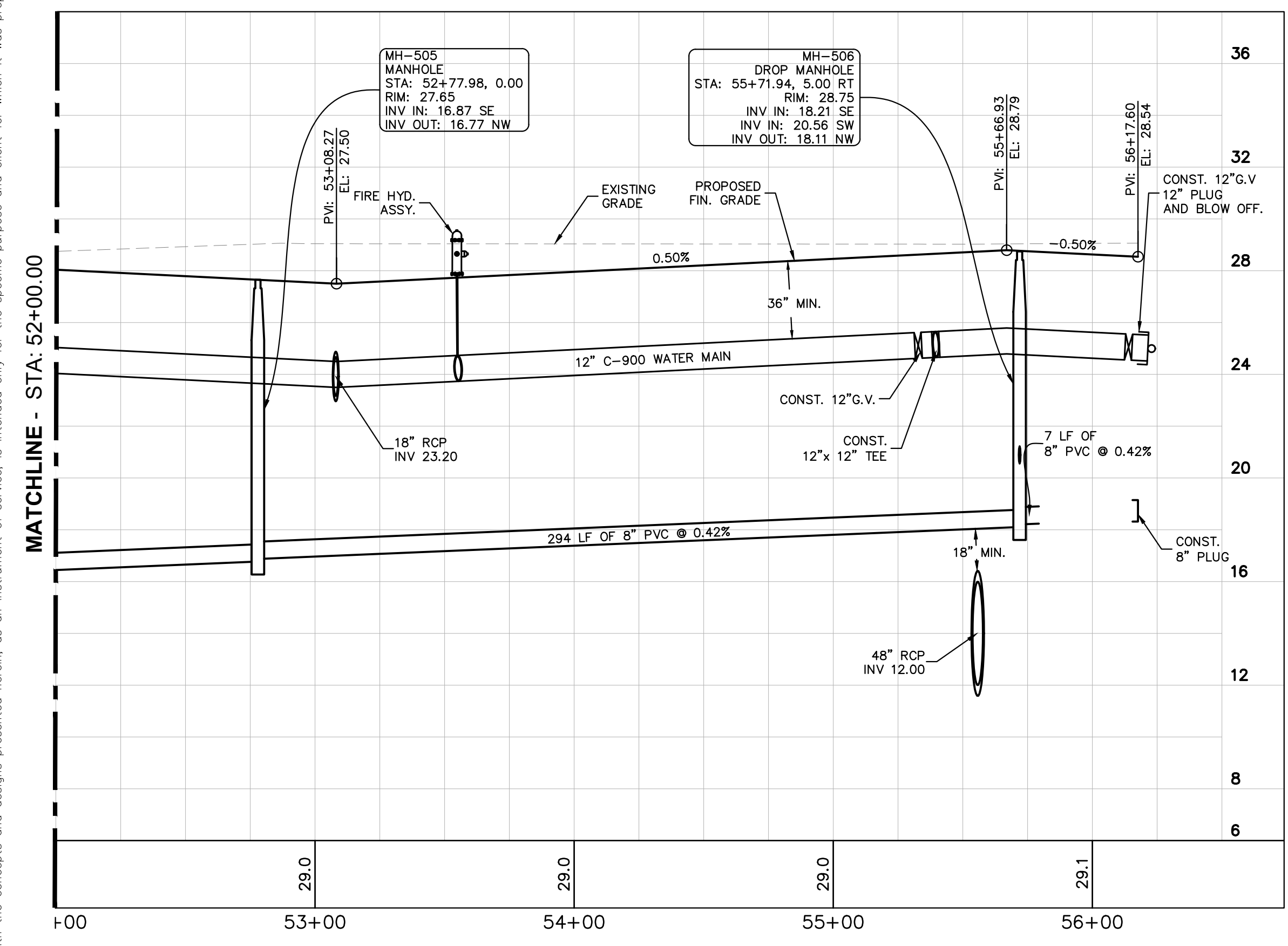
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 PHONE: 772-794-4100
 WWW.KIMLEY-HORN.COM CA 00000696

No.	REVISIONS	DATE	BY

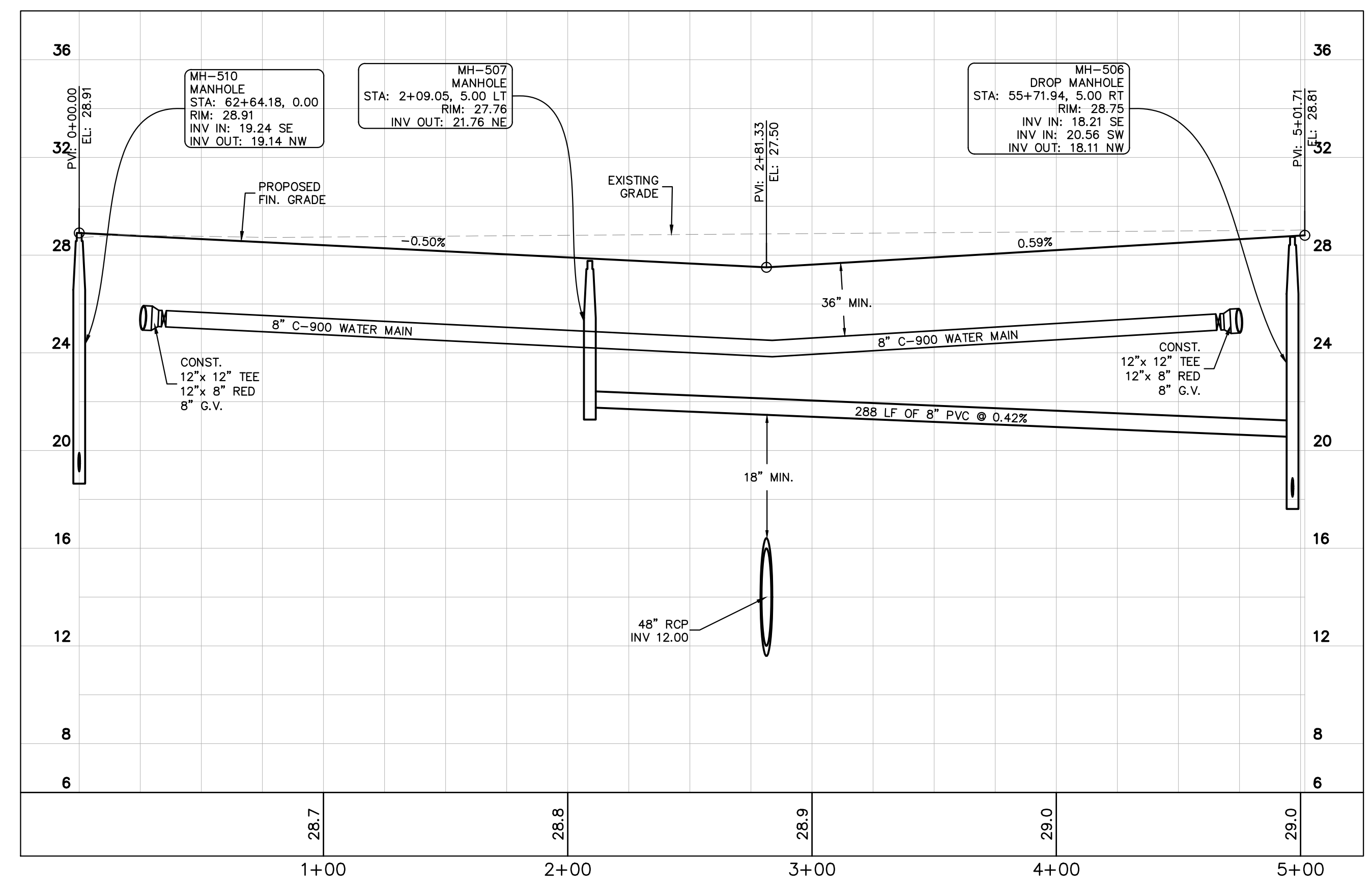
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VERMILLION CIRCLE FROM 40+95.89 to 52+00.00
 H: 1"=40' V: 1"=4'



VERMILLION CIRCLE FROM 52+00.00 to 56+16.60
 H: 1"=40' V: 1"=4'



GREEN TURTLE PLACE FROM 00+00.00 to 05+01.71
 H: 1"=40' V: 1"=4'

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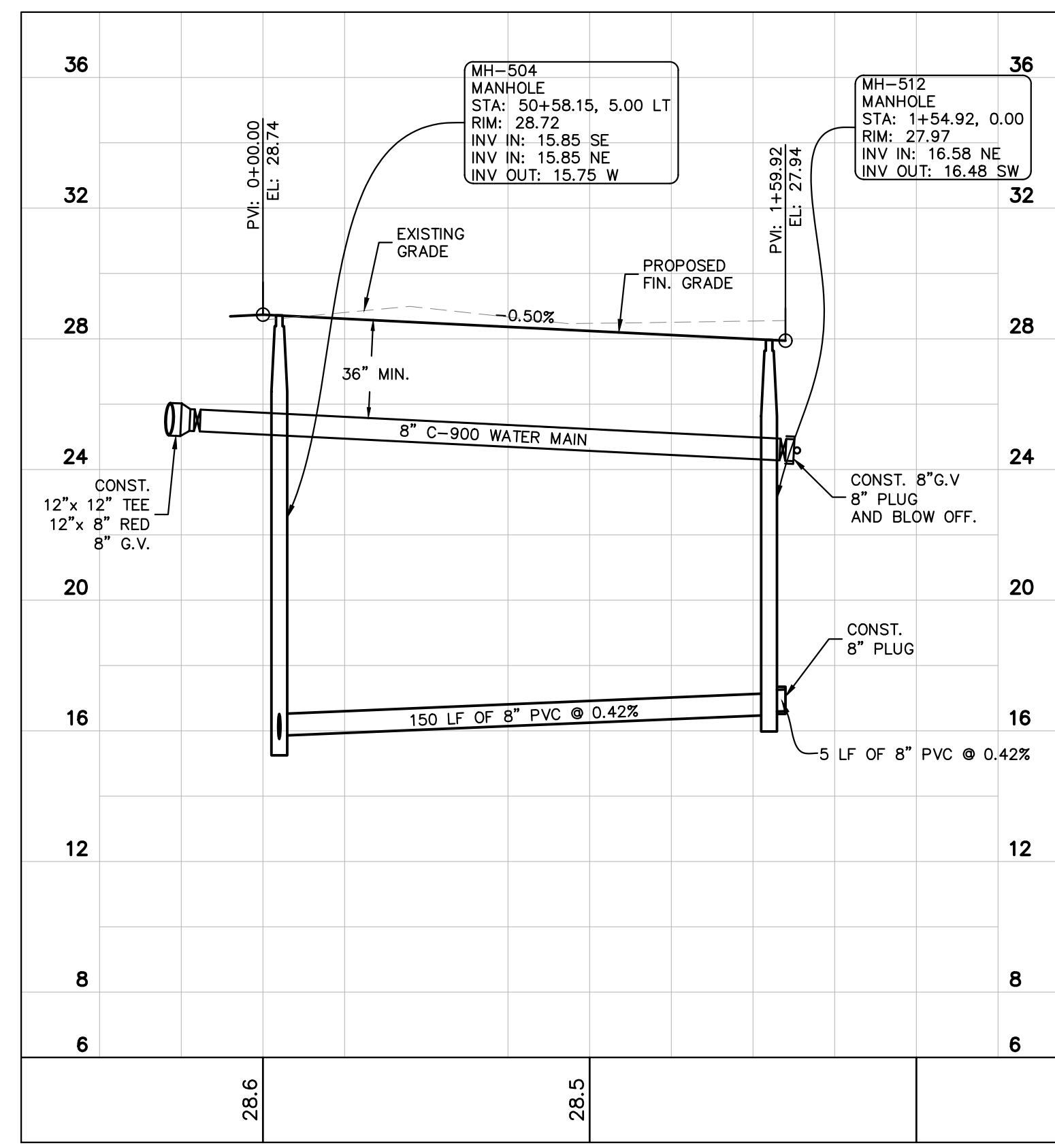
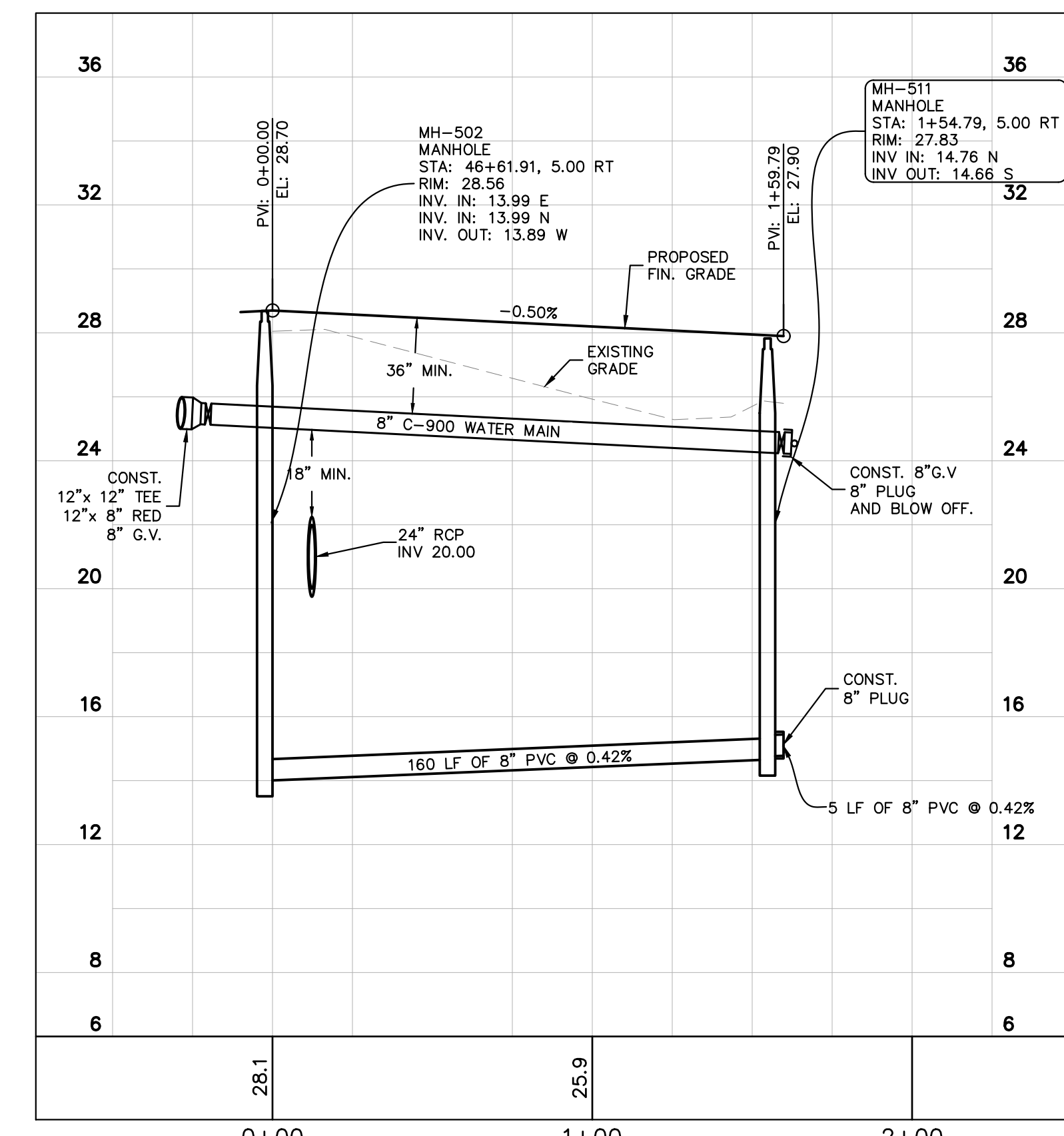
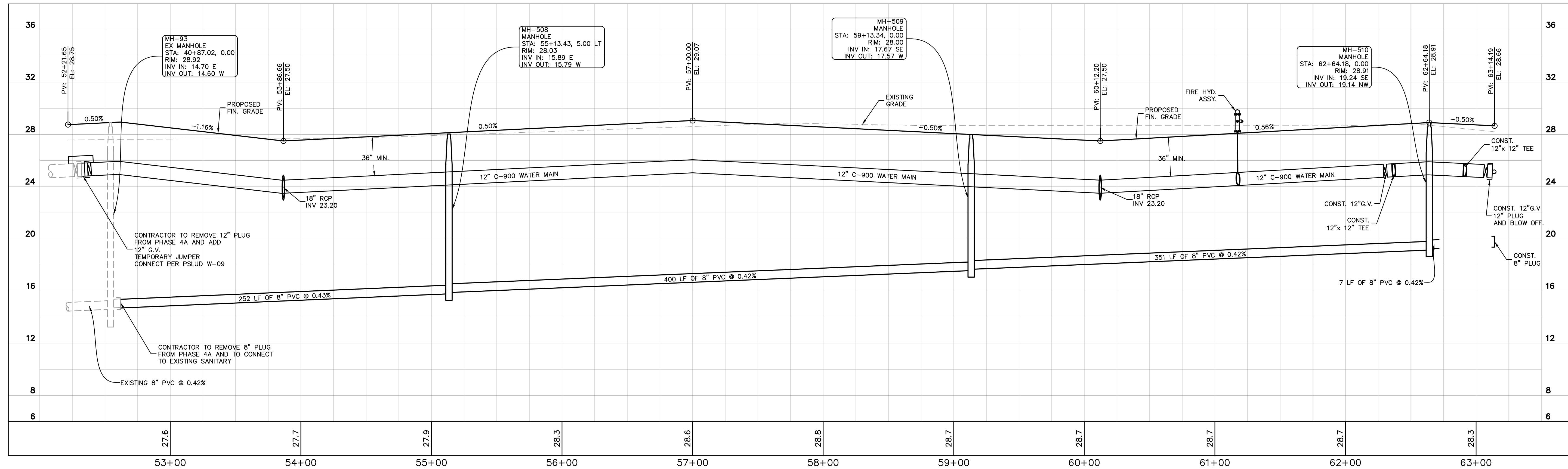
KHA PROJECT 00000000 DATE 11/16/2020 SCALE AS SHOWN DESIGNED BY MJP DRAWN BY MJP CHECKED BY KFH DATE:

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STREET PROFILES

Del Webb
 AT TRADITION - PHASE 5A PREPARED FOR PulteGroup

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No.	REVISIONS	DATE	BY

Kimley >>> Horn
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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
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STATE LICENSE NUMBER: 75481
DESIGNED BY: MJP
DRAWN BY: MJP
CHECKED BY: KFH
DATE: _____

KHA PROJECT: 00000000
DATE: 11/16/2020
SCALE: AS SHOWN
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STREET PROFILES

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PORT ST. LUCIE

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CITY OF PORT ST. LUCIE PROJECT # **P21-016**
SHEET NUMBER **C-402**