

LEGEND

- PROPERTY LINE
- PROPOSED SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED CHILLED WATER LINE
- PROPOSED FIRE LINE
- PROPOSED ELECTRIC LINE
- PROPOSED GAS LINE
- PROPOSED STORM LINE
- PROPOSED PAVERS
- PROPOSED TRENCH DRAIN
- PROPOSED SANITARY MANHOLE
- EXISTING CONTOUR ELEVATIONS
- PROPOSED CONTOUR ELEVATIONS
- PROPOSED SPOT ELEVATION
- MATCH EXISTING ELEVATION
- EXISTING ELEVATION
- PROPOSED TRENCH DRAIN

TANK / CISTERN

EL. ABOVE = 13.0+
DEPTH ABOVE = 2.0
TOP EL. = 11.0
INSIDE TOP EL. = 10.0
INSIDE BOT. EL. = 3.0
OUTSIDE BOT. EL. = 2.0

PAVING, GRADING, AND DRAINAGE NOTES:

1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP), U.S. FOUNDRY (USF), HYDROPLAST YARD DRAINS, OR FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) PRODUCTS AS SPECIFIED OR APPROVED EQUAL.
2. ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH PERFORMANCE (HP) HIGH DENSITY POLYETHYLENE (HDPE) PIPE UNLESS OTHERWISE NOTED. ANY INSERTA-TEES MAY BE REPLACED WITH HOPE TEES IF HOPE IS USED.
3. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.
4. THE GROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 1.75%. THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 4.50%. THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12:1.
5. PROPOSED ELEVATIONS IN ALL PAVEMENT AREAS REPRESENT FINISHED TOP OF SOD GRASS OR ANY OTHER LANDSCAPING MATERIAL.
6. CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
7. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
8. ALL CATCH BASINS AND DRAINAGE COLLECTION STRUCTURES SHALL BE DESIGNED WITH A 1% VERTICAL SUMP FROM THE INVERT ELEVATION (OR BOTTOM OF HATCH) TO THE BOTTOM OF THE STRUCTURE. IN ADDITION, A TWELVE INCH (12") DIAMETER OPEN SUMP FILLED WITH WASHED GRADE ROCK, NO LARGER THAN ONE AND ONE HALF INCHES (1 1/2") SHALL BE PLACED IN THE BASE OF THE STRUCTURE.
9. ALL ROOF DRAIN PIPING SHALL BE PVC 8" OR 6" OR PVC SCHEDULE 80. CONTRACTOR SHALL SELECT THE MOST ECONOMICAL PIPE MATERIAL.

PLANS ARE IN NAVD 1988 DATUM
CONVERSION EQUATION IS BELOW:
(NAVD 1988) + 1.53' = (NGVD 1929)

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THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

CONTRACTOR SHALL TAKE EXTREME CARE TO MAINTAIN ALL SOIL THAT IS EAST OF THE NEW COASTAL CONSTRUCTION CONTROL LINE (CCCL) SO THAT IT REMAINS EAST OF THE NEW CCCL. CONTRACTOR SHALL TAKE EXTREME CARE TO MAINTAIN ALL SOIL THAT IS WEST OF THE NEW COASTAL CONSTRUCTION CONTROL LINE (CCCL) SO THAT IT REMAINS WEST OF THE NEW CCCL.

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LICENSED PROFESSIONAL
JASON A. WEBBER, P.E.
FL LICENSE NUMBER
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job number: **144231002**

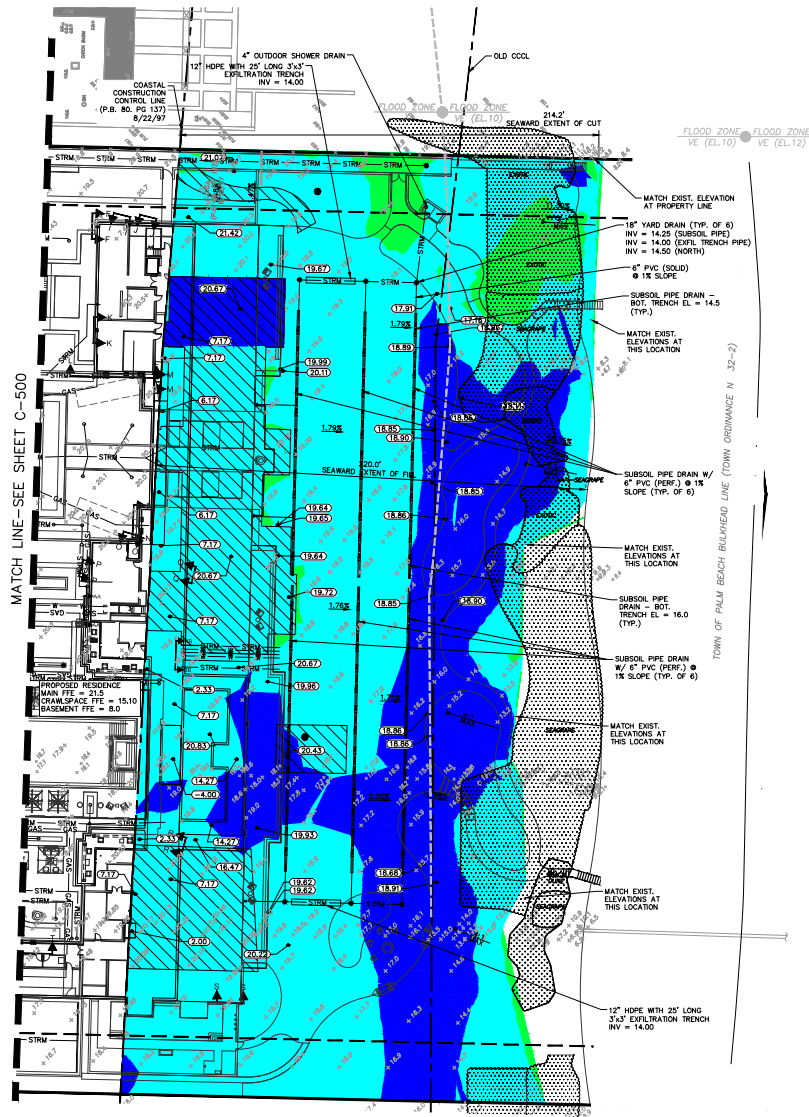
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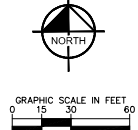
PAVING GRADING AND DRAINAGE PLAN
C-500

Printed By: Webber, Jason Sheet: S&B-500 BLOSSOM WAY LAYOUT: C-501 PRELIMINARY CCCL GRADING AND DRAINAGE July 07, 2023 06:18:04pm K:\BDO_Civil\144231002 - P&B Road - 450 Blossom Way\Sheet\500 Blossom Proposed\CCCL Preliminary CCCL PAVING GRADING AND DRAINAGE.dwg
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Surface Comparison			
Direction Difference (ft)		Color	
Proposed Surface Minus Existing Surface			
Lower Boundary	Upper Boundary		
Cut	-24.31	-15.00	Red
Cut	-15.00	-9.00	Orange
Cut	-9.00	0.00	Yellow
Fill	0.00	9.00	Green
Fill	9.00	14.00	Blue

MINIMUM FILL DEPTH REQUIRED FOR NECESSARY TO BODILY CHANGING
DRAINAGE PATTERNS, ELEVATIONS



- LEGEND**
- PROPERTY LINE
 - - - - - EXISTING CONTOUR ELEVATIONS
 - - - - - PROPOSED CONTOUR ELEVATIONS
 - PROPOSED SPOT ELEVATION
 - MATCH EXISTING ELEVATION
 - EXISTING ELEVATION
 - EXIST. RESIDENCE AND HARDSCAPE EXTENTS

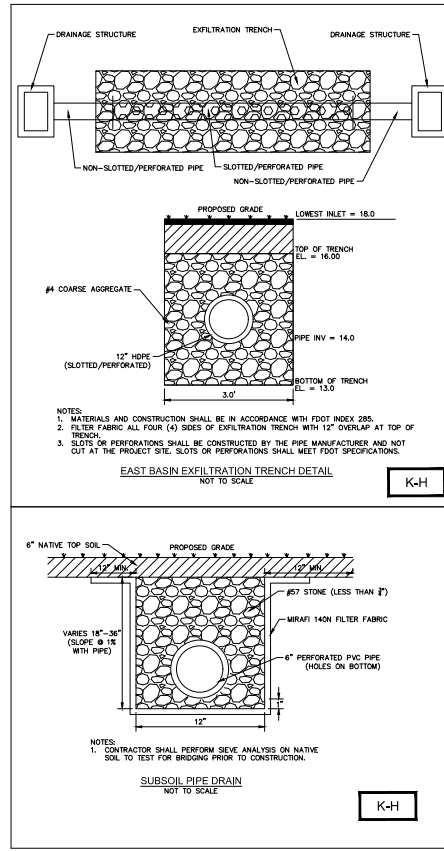
PAVING, GRADING, AND DRAINAGE NOTES:

- DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP), U.S. FOUNDRY (USF), NYLOPLAST YARD DRAINS, OR FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) PRODUCTS AS SPECIFIED OR APPROVED EQUAL.
- ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH PERFORMANCE (HPF) HIGH DENSITY POLYETHYLENE (HDPE) PIPE UNLESS OTHERWISE NOTED. ANY INSERT-A-TEES MAY BE REPLACED WITH HOPE TEES IF HOPE IS USED.
- ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.
- THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 1.75% THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 4.50%. THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12:1.
- PROPOSED ELEVATIONS IN ALL PERVIOUS AREAS REPRESENT FINISHED TOP OF SOIL/GRASS OR ANY OTHER LANDSCAPING MATERIAL.
- CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
- ALL CATCH BASINS AND DRAINAGE COLLECTION STRUCTURES SHALL BE DESIGNED WITH A 18" VERTICAL SWAMP FROM THE INVERT ELEVATION (OR BOTTOM OF BAFFLE) TO THE BOTTOM OF THE STRUCTURE. IN ADDITION, A TWELVE INCH (12") DIAMETER OPEN SWAMP FILLED WITH WASHED GRADE ROCK, NO LARGER THAN ONE AND ONE HALF INCHES 1 1/2", SHALL BE PLACED IN THE BASE OF THE STRUCTURE.

COASTAL CONSTRUCTION CONTROL LINE (CCCL) GRADING NOTES:

- TWELVE INCH (12") SURFACE LAYER WITHIN FOOTPRINT OF EXISTING RESIDENCE AND HARDSCAPE SURFACES (SEAWARD OF NEW CCCL), ASSUMED TO BE NON IN-SITU CONTAMINATED WITH CONSTRUCTION DEBRIS, SHALL ROCK AND OTHER FOREIGN MATERIALS) IS TO BE REMOVED AND HAS BEEN DEDUCTED FROM THE TOTAL EXCAVATION CALCULATION.
- IF NECESSARY, THE PROPOSED IMPORTED FILL MATERIAL TO BE USED SEAWARD OF THE CCCL SHALL COMPLY WITH THE SPECIFICATIONS/CRITERIA OF SUBSECTION 629-33.000(7), F.A.C.
- BOTH PROPOSED AND EXISTING SURFACES ACCOUNT FOR EIGHT INCHES (8") OF BUILDING SLAB/ HARDSCAPE THICKNESS.
- GRADING WITHIN DUNE AREA SHALL BE AT A STABLE SLOPE AND SHALL NOT EXCEED 4:1 (25%).
- EXISTING CONDITIONS BASED ON BOUNDARY SURVEY PREPARED BY WALLACE SURVEYING CORP. (REVISED 09/15/20, DWG NO. 97-1019-7).

COCL EXCAVATION TABULATION
EXCAVATION = 3219 CY
FILL = 4921 CY
NET = 1705 CY (FILL)



K-H

K-H

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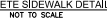
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checked by: K&L
JAW
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CCCL
GRADING
AND
DRAINAGE
C-501

ARCOW CASE NUMBER: ARC-23-070



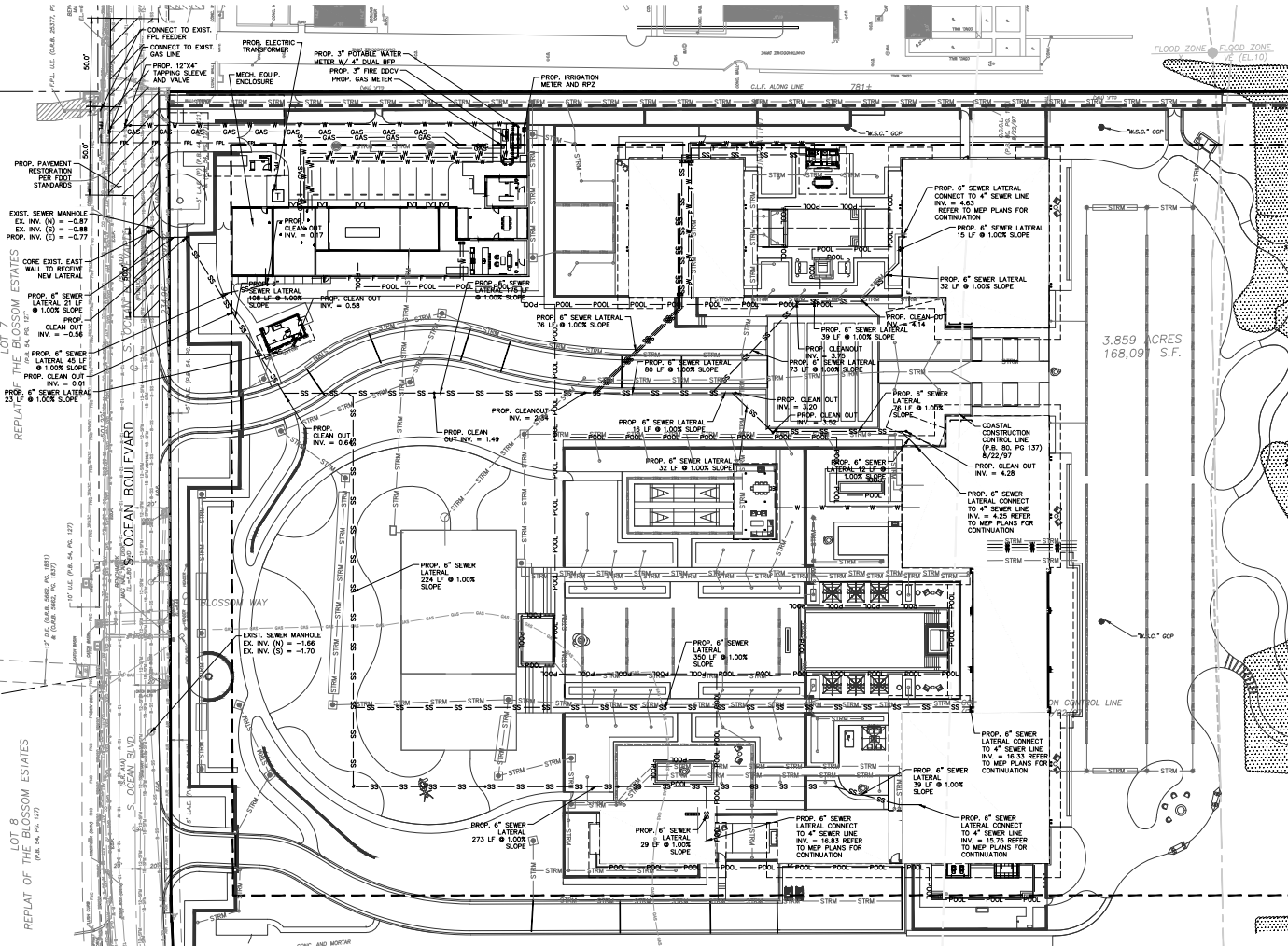
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Printed By: Webber, Jason Sheet Set: 40 BLOSSOM WAY Layout: C-600 UTILITY PLAN July 07, 2023 06:19:58pm K:\BUDG-DNA\144231002 - 19 West - 40 Blossom\CA\BUDG\Drawings\40 Blossom Proposed C-600 UTILITY PLAN.dwg
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LOT 8
REPLAT OF THE BLOSSOM ESTATES
(P.B. No. 19)

LOT 7
REPLAT OF THE BLOSSOM ESTATES
(P.B. No. 19)



GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND

- PROPERTY LINE
- PROPOSED SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED CHILLED WATER LINE
- PROPOSED FIRE LINE
- PROPOSED GAS LINE
- PROPOSED STORM LINE
- PROPOSED SANITARY MANHOLE

UTILITY NOTES

- CONTRACTOR SHALL FURNISH AND INSTALL NECESSARY PIPE AND FITTINGS TO TRANSITION PIPE MATERIALS WHEN REQUIRED AND TO CONNECT TO BUILDING PLUMBING.
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING UTILITIES WHEN CONSTRUCTING NEW UTILITIES.
- ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOIES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.
- ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER, OR DRAINAGE EASEMENTS SHALL CONFORM TO THE TOWN OF PALM BEACH STANDARDS DETAILS.
- NO PROPOSED IMPROVEMENTS, BUILDINGS OR ANY KIND OF CONSTRUCTION CAN BE PLACED ON OR WITHIN ANY WATER, SEWER, OR DRAINAGE EASEMENTS, UNLESS APPROVED BY THE TOWN OF PALM BEACH CITY ENGINEER.
- NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10 FEET FROM ANY EXISTING OR PROPOSED WATER SEWER, OR DRAINAGE FACILITIES, UNLESS APPROVED BY THE TOWN OF PALM BEACH CITY ENGINEER.
- ALL WATER MAIN (WM) SHALL BE PVC C-900 DR-18 UNLESS OTHERWISE NOTED.
- ALL FIRE MAIN (FM) SHALL BE DIP WITH ALL JOINTS RESTRAINED WITH MEAGULS UNLESS OTHERWISE NOTED. ALL JOINTS SHALL BE COVERED WITH AN MIN. COVER. ALL FIRE RELATED CONSTRUCTION SHALL FOLLOW THE FLORIDA FIRE PREVENTION CODE AND THE FLORIDA SPECIFIC NFPA 1, FIRE CODE, 2012 EDITION AND FLORIDA SPECIFIC NFPA 101, LIFE SAFETY CODE, 2012 EDITION.
- ALL DUCTILE IRON PIPE (DIP) SHALL BE CLASS 350 UNLESS OTHERWISE NOTED. ALL DIP SHALL BE MARKED PER FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) STANDARDS.
- ALL NEW FIRE HYDRANTS SHALL HAVE "OUT OF SERVICE" SIGNS AFFIXED AT TIME OF INSTALLATION. SIGNS SHALL REMAIN IN PLACE UNTIL THE WATER SYSTEM IS CLEARED FOR USE.
- ALL WATER MAIN AND FORCE MAINS SHALL HAVE A MINIMUM 36" COVER OVER THE TOP OF THE PIPE UNLESS OTHERWISE NOTED. WATER AND FIRE MAINS SHALL HAVE MIN. 6" VERTICAL SEPARATION FROM EACH OTHER.
- A MINIMUM HORIZONTAL DISTANCE OF 10 FEET MUST BE PROVIDED BETWEEN WATER MAINS AND STORM OR ANY SHUT-DOWN AND/OR REMOVAL OF EXISTING WATER MAINS SHALL BE DUCTILE IRON MECHANICAL JOINT FITTINGS UNLESS OTHERWISE NOTED.
- WATER METER SIZES SHALL BE DESIGNED BY ENGINEER OF RECORD AND SHALL BE CHECKED AND AUTHORIZED BY TOWN OF PALM BEACH UTILITIES DIVISION.
- PIPE DEFLECTION OF WATER MAIN AND FIRE MAIN SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATION.
- ALL GRAVITY SEWER LATERALS SHALL BE PVC SDR-35 OR PVC SCHEDULE 80. CONTRACTOR SHALL SELECT THE MOST ECONOMICAL PIPE MATERIAL.
- ANY VERIFIED CLAY PIPE (VCP) DAMAGED BY NEW CONSTRUCTION OR CONNECTIONS SHALL BE REPLACED WITH NEW SANITARY SEWER MAIN PIPE.
- SANITARY SEWER PIPE LENGTHS ARE MEASURED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE. CONTRACTOR SHALL ADJUST LIMITS OF PVC TO DIP AS SHOWN IN PROFILE.
- PROPOSED WATER AND SEWER IMPROVEMENTS IN PRIVATE PROPERTY SHALL MEET PALM BEACH COUNTY HEALTH DEPARTMENT SEPARATION REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE UNDERGROUND ELECTRIC SERVICE CONNECTION WITH FPL FOR CONDUIT SIZE AND BURIED DEPTH REQUIREMENT.
- THE TOWN OF PALM BEACH UTILITIES DIVISION MUST BE GIVEN AT LEAST 48 HOURS NOTIFICATION PRIOR TO ANY SHUT-DOWN AND/OR REMOVAL OF EXISTING WATER MAIN OR SANITARY SEWER LINES.
- TOWN MAINTAINED UTILITIES WILL NEED TO BE TESTED AND PROTECTED (E. PAVED AT LEAST UP TO FIRST LIFT, IF NOT ROADWAY) PRIOR TO INSTANCE OF CERTIFICATION OF OCCUPANCY.
- LEAD FREE BRASS WATER WORKS PRODUCTS SHALL MEET THE REQUIREMENT OF ASSESSING CDD AND THE MAXIMUM LEAD CONTENT OF 8.30% AND NOT 61 ANNEX G. THE MANUFACTURER'S DESIGNATION AS A LEAD FREE PRODUCT SHALL BE PERMANENTLY STAMPED OR CAST INTO THE PRODUCT'S BODY. EFFECTIVE JANUARY 1, 2013, ONLY LEAD FREE BRASS WATER WORKS PRODUCTS SHALL BE INSTALLED IN CONTACT WITH POTABLE WATER.
- ALL PROPOSED BACKFLOW PREVENTERS AND DOUBLE DETECTOR CHECK VALVES SHALL BE USC CERTIFIED AND LEAD FREE.
- ALL CHILLED WATER PIPING SHALL BE COPPER (TYPE K OR L) INTERNAL CARRIER PIPE, 7' POLYURETHANE INSULATION SURROUNDING, WITH HOPE JACKET. CONTRACTOR SHALL COORDINATE MATERIAL WITH MEP PRIOR TO CONSTRUCTION.
- ALL WATER SERVICE PIPING AFTER THE CUP BUILDING SHALL BE COPPER (TYPE K OR L) INTERNAL CARRIER PIPE, 7' POLYURETHANE INSULATION SURROUNDING, WITH HOPE JACKET. CONTRACTOR SHALL COORDINATE MATERIAL WITH MEP PRIOR TO CONSTRUCTION.

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JASON A. WEBBER, P.E.
FL LICENSE NUMBER
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DATE:

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project number:

owner:

designer:

checked by:

in charge:

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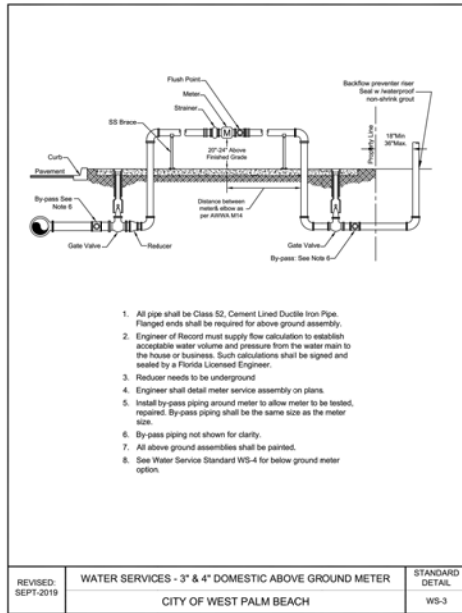
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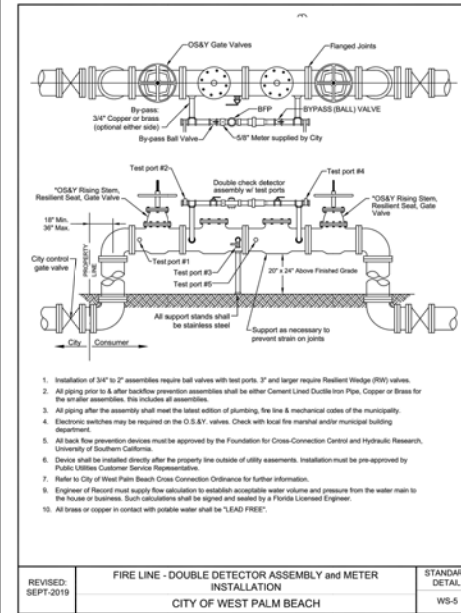
1. All pipe shall be Class 52, Cement Lined Ductile Iron Pipe. Flanged ends shall be required for above ground assembly.
2. Engineer of Record must supply flow calculation to establish acceptable water volume and pressure from the water main to the house or business. Such calculations shall be signed and sealed by a Florida Licensed Engineer.
3. Reducer needs to be underground.
4. Engineer shall detail meter service assembly on plans.
5. Install by-pass piping around meter to allow meter to be tested, required. By-pass piping shall be the same size as the meter size.
6. By-pass piping not shown for clarity.
7. All above ground assemblies shall be painted.
8. See Water Service Standard WS-4 for below ground meter option.

REVISED: SEPT-2019	WATER SERVICES - 3" & 4" DOMESTIC ABOVE GROUND METER	STANDARD DETAIL
	CITY OF WEST PALM BEACH	WS-3

LISTING OF COMPONENTS:

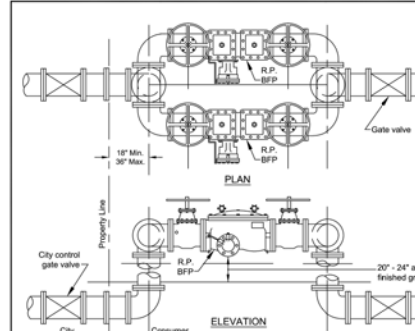
- A. Two 4" Resilient Wedge (RW) valves, with locking valve boxes & lids each side of the meter. Valves to be installed in line with or as close as possible to the meter.
- B. Two Series 2100 3" Megalug, locking style flange adapters, one on each side of the meter, strainer and test tee.
- C. One 3" flanged meter to be paid for by contractor and supplied by the City of West Palm Beach. Call for length of meter.
 - C.1 A length of straight pipe equal to 5 times the diameter shall be installed before the meter & after the strainer.
 - C.2 A length of straight pipe equal to 3 times the diameter shall be installed after the meter.
- D. One strainer, same size as meter, flanged, bronze case with strainer to be supplied by the contractor. Coat for dimensions.
- E. 4" x 3" Mechanical Joint reducers before and after the meter. These may not be used in lieu of the straight pipe (see c.1 & c.2).
- F. 4' x 6' vault with a lock down heavy duty aluminum traffic lid with spring loaded hinges. Vault & lid are to be positioned so meter dial is centered under meter reader's lid.
- G. Service is to be offset to the proper height using one grouping of the following:
 - G.1 - One 4" mechanical joint offset
 - G.2 - Two 4" mechanical joint 90° bends w/ straight pipe as required.
 - G.3 - Two 4" mechanical joint 45° bends w/ straight pipe as required.
- H. Install bypass piping around meter to allow meter to be tested, required or replaced. Bypass piping shall be the same size as the meter size.
 - H.1 - Two F.J. Resilient Wedge valves w/ wheel handles & megalug flange adapters series 2100.
 - H.2 - Two Mechanical Joint tees
 - H.3 - One flanged tee, one flange plate tapped for 2" N.P.T., one 2" brass nipple, one locking style 2" curb stop w/ 2" brass plug
 - H.4 - Two Mechanical Joint 90° elbows.
- I. Flush point to test meters and to flush system.
 - I.1 - 3" flanged tee tapped for 2", attached to meter.
 - I.2 - 2"x 3" brass nipple
 - I.3 - 2" locking style curb stop
 - I.4 - 2" brass plug

REVISED: SEPT-2019	WATER SERVICES - 3" & LARGER DOMESTIC METER LEGEND	STANDARD DETAIL
	CITY OF WEST PALM BEACH	WS-4.1



1. Installation of 3/4" to 2" assemblies require ball valves with test ports. 3" and larger require Resilient Wedge (RW) valves.
2. All piping prior to & after backflow prevention assemblies shall be either Cement Lined Ductile Iron Pipe, Copper or Brass for the smaller assemblies. This includes all assemblies.
3. All piping after the assembly shall meet the latest edition of plumbing, fire line & mechanical codes of the municipality.
4. Electronic switches may be required on the O.S.&Y. valves. Check with local fire marshal and/or municipal building department.
5. All back flow prevention devices must be approved by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California.
6. Device shall be installed directly after the property line outside of utility easements. Installation must be pre-approved by Public Utilities Customer Service Representative.
7. Refer to City of West Palm Beach Cross Connection Ordinance for further information.
8. Engineer of Record must supply flow calculation to establish acceptable water volume and pressure from the water main to the house or business. Such calculations shall be signed and sealed by a Florida Licensed Engineer.
9. All brass or copper in contact with potable water shall be "LEAD FREE".

REVISED: SEPT-2019	FIRE LINE - DOUBLE DETECTOR ASSEMBLY AND METER INSTALLATION	STANDARD DETAIL
	CITY OF WEST PALM BEACH	WS-5



1. Installation of 3/4" to 2" assemblies require ball valves with test ports. 3" and larger require Resilient Wedge (RW) valves.
2. All piping before & after backflow prevention assemblies shall be either cement lined ductile iron pipe, copper or brass for the smaller assemblies. This includes all assemblies, irrigation & fire line devices. All piping after the assembly shall meet the local Plumbing/Mechanical Codes (latest edition) of the municipality.
3. All backflow prevention devices must be approved by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California.
4. Refer to City of West Palm Beach Cross Connection Ordinance for further information.
5. Assembly shall be installed directly after the meter on private property outside of utility easements.
6. Installation must be pre-approved by City of West Palm Beach customer service representative.
7. Engineer of Record must supply flow calculation to establish acceptable water volume and pressure from the water main to the house or business. Such calculations shall be signed and sealed by a Florida Licensed Engineer.
8. Only one RP backflow preventer required, second backflow preventer shown for redundancy.
9. All brass or copper in contact with potable water shall be "LEAD FREE".

REVISED: SEPT 2019	WATER SERVICES - 3" & LARGER REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY	STANDARD DETAIL
	CITY OF WEST PALM BEACH	WS-7

PLANS ARE IN NAVD 1988 DATUM
CONVERSION EQUATION IS BELOW:
(NAVD 1988) + 1.53' = (NGVD 1929)

Always call 811 two full business days before you dig
have underground utilities located and marked

Sunshine811.com

THE PRESENCE OF GROUNDWATER SHOULD BE
ANTICIPATED. CONTRACTOR'S BID SHALL
INCLUDE CONSIDERATION FOR ADDRESSING THIS
ISSUE AND OBTAINING ALL NECESSARY PERMITS.

CONTRACTOR SHALL TAKE EXTREME CARE TO
MAINTAIN ALL SOIL THAT IS EAST OF THE NEW
COASTAL CONSTRUCTION CONTROL LINE (CCCL)
SO THAT IT REMAINS EAST OF THE NEW CCCL.
CONTRACTOR SHALL TAKE EXTREME CARE TO
MAINTAIN ALL SOIL THAT IS WEST OF THE NEW
COASTAL CONSTRUCTION CONTROL LINE (CCCL)
SO THAT IT REMAINS WEST OF THE NEW CCCL.

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REGISTRY 35106

LICENSED PROFESSIONAL

JASON A. WEBBER, P.E.
FL LICENSE NUMBER
73962

DATE:
SCALE:

principal

project manager

drawn by JAW

K.A.L.

checked by JAW

pl no. 144231002

revision

1 04/15/2023 REEY SUBMITTAL

2 05/01/2023 SECOND SUBMITTAL

3 05/15/2023 PRELIMINARY SUBMITTAL

4 06/15/2023 PRELIMINARY SUBMITTAL

5 07/10/2023 DESIGN UPDATE

no. date JULY 2023 issue

NOT FOR CONSTRUCTION

ARCOM

07/10/2023

WATER
DETAILS

C-610



- | | | | |
|---|-------|---------------------------------------|--------------------------|
| TOWN OF PALM BEACH
PUBLIC WORKS DEPARTMENT | | STANDARD
SANITARY MANHOLE
NOTES | DRAWING NO.

28 |
| REVISIONS: | DATE: | APPROVED:

<i>Gene P. Brown</i> | EFFECTIVE:

7-4-94 |
| | | TOWN ENGINEER | |



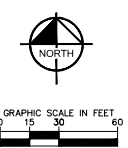
Always call 811 two full business days before 

33

Sunshine 811.com

CONTRACTOR SHALL TAKE EXTREME CARE TO MAINTAIN ALL SOIL THAT IS EAST OF THE NEW STAL CONSTRUCTION CONTROL LINE (CCCL) THAT IT REMAINS EAST OF THE NEW CCCL. CONTRACTOR SHALL TAKE EXTREME CARE TO MAINTAIN ALL SOIL THAT IS WEST OF THE NEW STAL CONSTRUCTION CONTROL LINE (CCCL) THAT IT REMAINS WEST OF THE NEW CCCL.

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LEGEND

— — — — —	PROPERTY LINE
- - - - -27- - - - -	EXISTING CONTOUR ELEVATIONS
— — — — —27— — — — —	PROPOSED CONTOUR ELEVATIONS
	EXISTING ELEVATION

CUT/FILL	DEPTHS	Color
CUT	-4.00 ±	Orange
CUT	-2.00 ±	Yellow
FILL	0.00 ±	Light Green
FILL	2.00 ±	Green
FILL	4.00 ±	Dark Green
FILL	6.00 ±	Teal
FILL	8.00 ±	Cyan
FILL	10.00 ±	Blue
FILL	12.00 ±	Dark Blue
FILL	14.00 ±	Purple

SEC. 13-1600. - MAXIMUM LOT FILL ALLOWED
(a) THE LOT GRADE OF ANY PROPERTY SHALL NOT EXCEED A GRADE ELEVATION HEIGHT OF HALF THE DIFFERENCE BETWEEN THE LOWEST HABITABLE FINISHED FLOOR ELEVATION OF THE PRINCIPAL STRUCTURE AND THE HIGHEST CROWN OF THE ROAD IN FRONT OF THE LOT.

THE EQUATION IS AS FOLLOWS:
COR=HIGHEST CROWN OF ROAD WHERE THE PRINCIPAL STRUCTURE FRONTS ONTO = 6.92 NAUD 1988
FEE=LOWEST HABITABLE FINISHED FLOOR ELEVATION OF THE PRINCIPAL STRUCTURE = 21.5 NAUD 1988
(COR + FEE) / 2 = MAXIMUM AMOUNT OF FILL ALLOWED ON LOT
(6.92 + 21.5) / 2 = 14.21 FEET OF FILL ALLOWED

PLANS ARE IN NAVD 1988 DATUM
CONVERSION EQUATION IS BELOW:
(NAVD 1988) + 1.53' = (NGVD 1929)

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THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

CONTRACTOR SHALL TAKE EXTREME CARE TO MAINTAIN ALL SOIL THAT IS EAST OF THE NEW COASTAL CONSTRUCTION CONTROL LINE (CCCL) SO THAT IT REMAINS EAST OF THE NEW CCCL. CONTRACTOR SHALL TAKE EXTREME CARE TO MAINTAIN ALL SOIL THAT IS WEST OF THE NEW COASTAL CONSTRUCTION CONTROL LINE (CCCL) SO THAT IT REMAINS WEST OF THE NEW CCCL.

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LICENSED PROFESSIONAL

JASON A. WEBBER, P.E.
FL LICENSE NUMBER
73962

DATE: _____
SCALE: _____

principal architect _____
project manager _____
drawn by **JAW** _____
TVC _____
checked by **JAW** _____
job no. **144231002**

MILESTONES	
1	04/13/2023 FIRST SUBMITTAL
2	06/04/2023 SECOND SUBMITTAL
3	06/18/2023 PRESENTATION SUBMITTAL
4	06/12/2023 PRESENTATION UPDATE

9) 07/16/2023 ARCOM UPDATE

no.	date	issue
NOT FOR CONSTRUCTION		

ARCOM

07/10/2023

CUT/ELL

CONFIDENTIAL
EXHIBIT

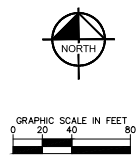
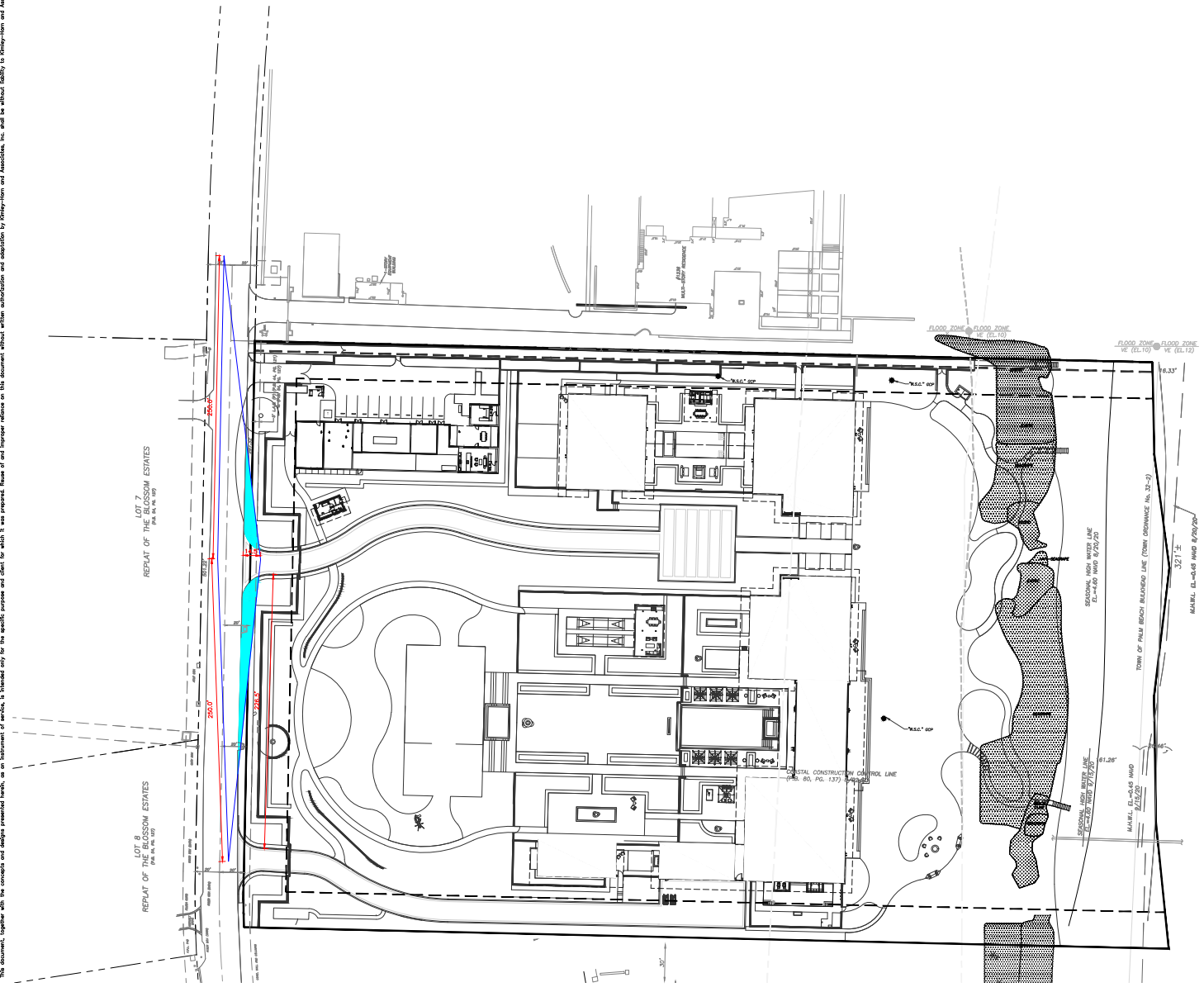
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EX-1

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LICENSED PROFESSIONAL

JASON A. WEBBER, P.E.
FL LICENSE NUMBER
73962

DATE:

SCALE:

PROJECT MANAGER:

DESIGNED BY:

CHECKED BY:

DATE:

NO.

DATE

ISSUE

NOT FOR CONSTRUCTION

ARCOM

07/10/2023

FDOT SIGHT TRIANGLE EXHIBIT GUEST DRIVEWAY

EX-1

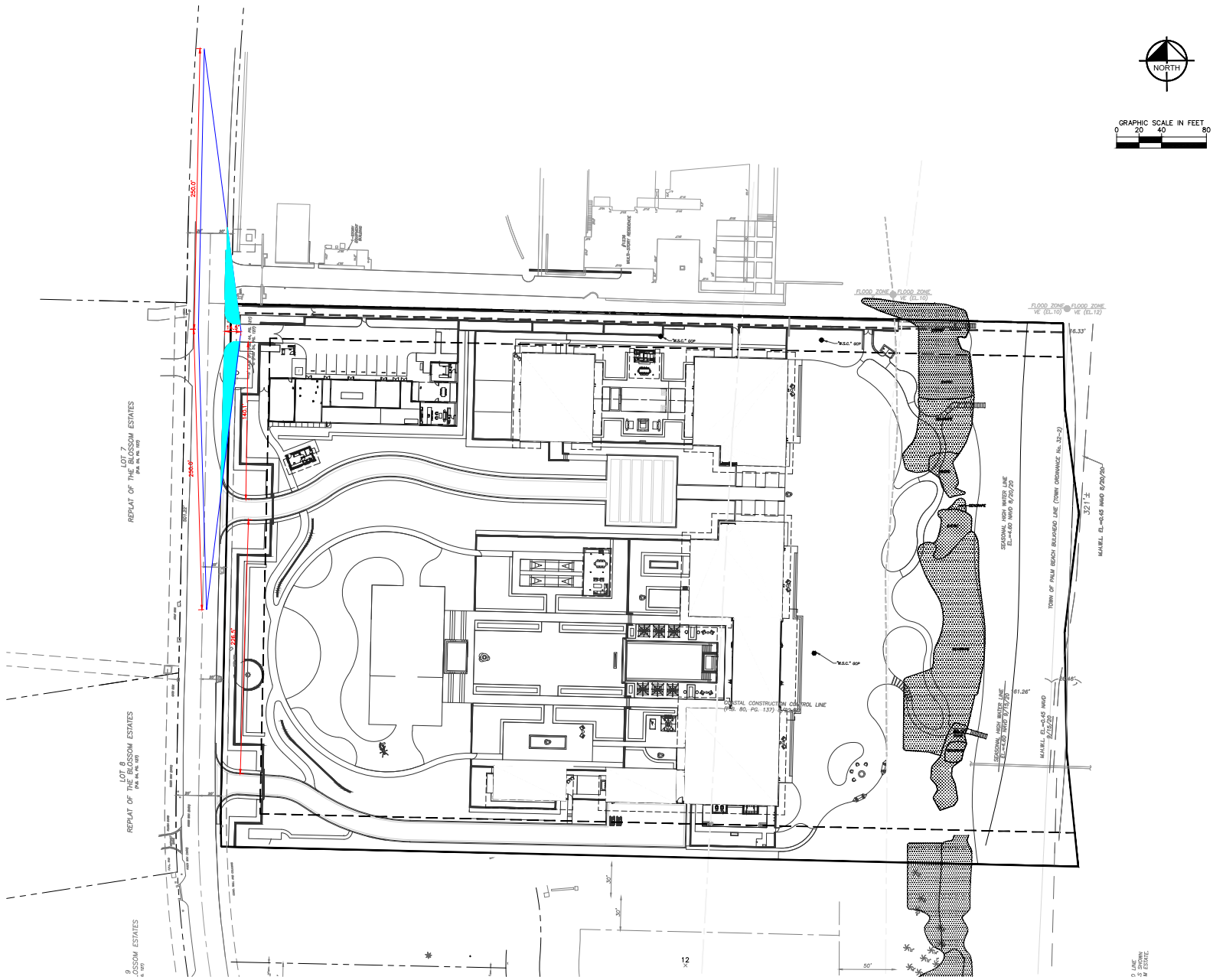
ARCOM CASE NUMBER: AWC-23-070

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LICENSED PROFESSIONAL																			
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<p>drawn by: JAW</p>																			
<p>TVC</p>																			
<p>checklist by: JAW</p>																			
<p>job #: 144231002</p>																			
<p>revisions:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>#</th> <th>DATE/TIME</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>04/15/2022</td> <td>PREF SUBMITTAL</td> </tr> <tr> <td>2</td> <td>04/15/2022</td> <td>SECOND SUBMITTAL</td> </tr> <tr> <td>3</td> <td>04/15/2022</td> <td>PREDISCUSSION SUBMITTAL</td> </tr> <tr> <td>4</td> <td>04/15/2022</td> <td>PREDISCUSSION UPGRADE</td> </tr> <tr> <td>5</td> <td>02/15/2023</td> <td>ANNUAL UPGRADE</td> </tr> </tbody> </table>		#	DATE/TIME	DESCRIPTION	1	04/15/2022	PREF SUBMITTAL	2	04/15/2022	SECOND SUBMITTAL	3	04/15/2022	PREDISCUSSION SUBMITTAL	4	04/15/2022	PREDISCUSSION UPGRADE	5	02/15/2023	ANNUAL UPGRADE
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<p>ARCOM</p>																			
<p>07/19/2023</p>																			
<p>FDOT SIGHT TRIANGLE EXHIBIT OWNER DRIVEWAY</p>																			
<p>EX-2</p>																			

MEMO CASE NUMBER: 48C-23-070

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FDOT SIGHT TRIANGLE EXHIBIT SERVICE DRIVEWAY

EX-3

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LICENSED PROFESSIONAL

JASON A. WEBBER, P.E.
FL LICENSE NUMBER 73962

DATE: 07/10/2023
SCALE: 1"=40'

PROJECT MANAGER: JAW
DRAWN BY: TVC
CHECKED BY: JAW
DATE: 07/10/2023

NO. DATE ISSUE

1. 07/10/2023 FIRST SUBMITTAL
2. 07/10/2023 SECOND SUBMITTAL
3. 07/10/2023 PRELIMINARY SUBMITTAL
4. 07/10/2023 PRELIMINARY SUBMITTAL
5. 07/10/2023 FINAL SUBMITTAL

ARCOM CASE NUMBER: AWC-23-070