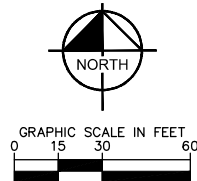
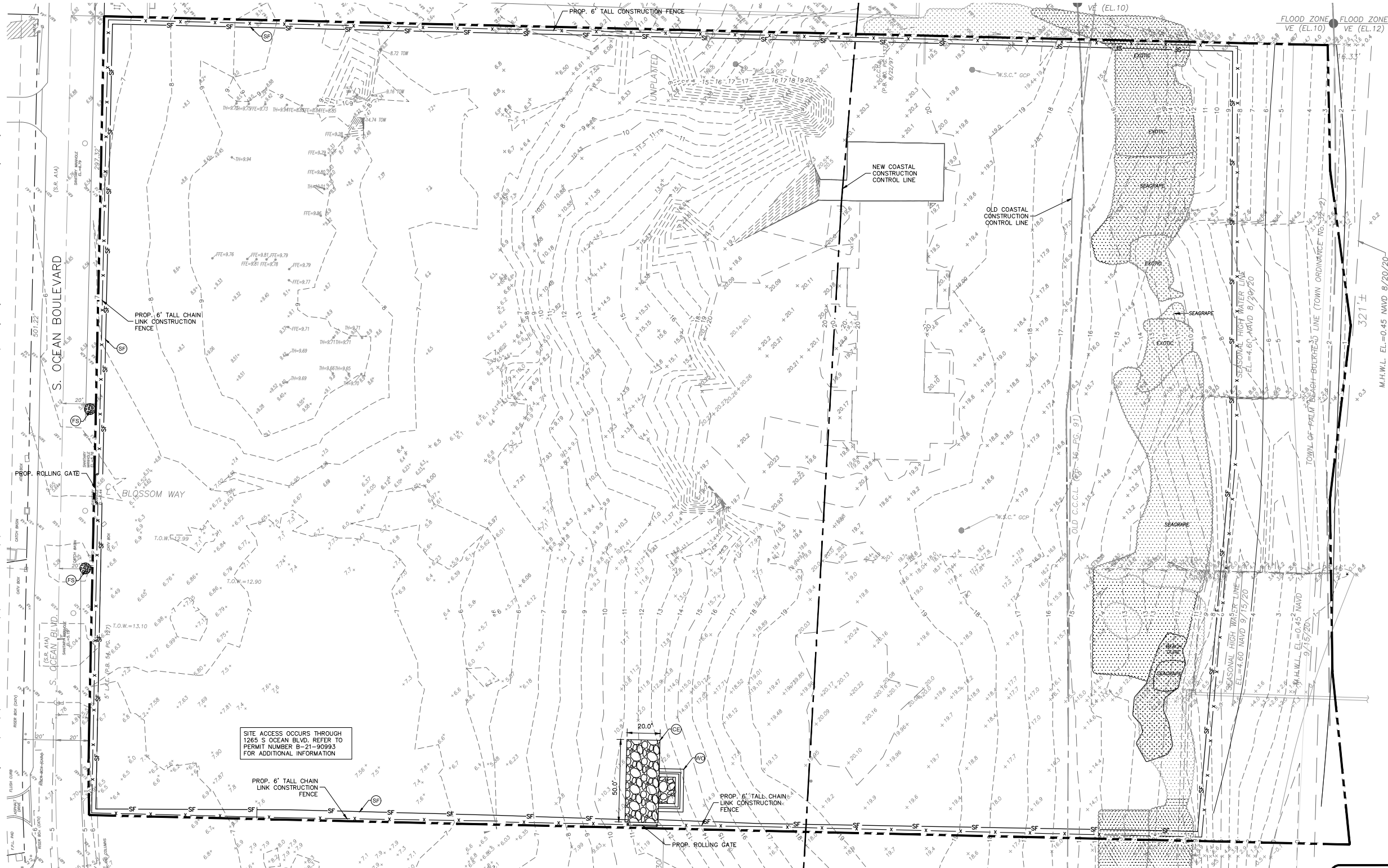


Sheet Set: 60 BLOSSOM WAY Layout: C-300 EXISTING TOPOGRAPHY AND CONSTRUCTION FENCING PLAN March 28, 2024 06:53:25pm K:\BCD\_Civil\144231002 - PB Resid - 60 Blossom\CADD\PlanSheets\60 Blossom\Proposed\C-300 EXISTING TOPOGRAPHY AND CONSTRUCTION SCREENING PLAN.dwg  
Plotted By: Mayer, Liane  
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**EROSION CONTROL NOTES**

1. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
2. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
4. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
5. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
6. AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE

CORRECTED IMMEDIATELY.

7. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED CONTROL.
8. SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
9. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.
10. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
11. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING ACTIVITIES.

12. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
13. PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.
14. EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN INDEX NUMBERS 101, 102 AND 103 OF F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS AND COUNTY PERMITS.
15. CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DEWATERING ACTIVITIES.
16. CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.
17. THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.
18. NOI TO BE POSTED ON SITE.
19. DEWATERING ACTIVITIES:  
A. DISCHARGE MUST NOT EXCEED STATE WATER QUALITY STANDARDS.  
B. CONTRACTOR MUST HAVE A TRANSFERABLE SPWMD DEWATERING PERMIT.  
C. NO HYDRAULIC PUMPS MAY BE USED FOR DEWATERING UNLESS APPROVED BY THE WATER MANAGEMENT DISTRICT FOR THAT AREA.
20. ALL CONSTRUCTION FENCE SHALL HAVE OPAQUE SCREENING TO SCREEN VIEWS INTO THE PROPERTY AS WELL AS PREVENT WIND-BLOWN EROSION.

**SEQUENCE OF CONSTRUCTION**

- UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAYDOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.
- PHASE 1:**
1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND INSTALL TEMPORARY CONSTRUCTION FENCE, SILT FENCE, SILT DIKE AND INLET PROTECTION.
  2. PERFORM CLEARING AND GRUBBING AND DEMOLITION.
- PHASE 2:**
1. PERFORM MASS GRADING, ROUGH GRADE TO ESTABLISH PROPOSED DRAINAGE PATTERNS.
  2. CONSTRUCT PROPOSED DRAINAGE INFRASTRUCTURE.
  3. TEMPORARILY SEED WITH PURE LIVE SEED, THROUGHOUT CONSTRUCTION, DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE OR AS REQUIRED BY GENERIC PERMIT.
  4. CONSTRUCT PROPOSED IMPROVEMENTS.
  5. COMPLETE FINAL GRADING AND FINAL STABILIZATION.
  6. REMOVE TEMPORARY EROSION CONTROL MEASURES.

**NOTE:** THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

**LEGEND**

- |     |                                  |
|-----|----------------------------------|
| --- | PROPERTY LINE                    |
| -x- | 6" CONSTRUCTION FENCE            |
| SF  | SILT FENCE                       |
| FS  | FILTER SACK                      |
| CE  | CONSTRUCTION ENTRANCE            |
| WC  | CONCRETE TRUCK AND TIRE WASH OUT |
| --- | EXISTING ELEVATION               |

**SCREENING NOTES**

1. ALL CONSTRUCTION FENCE SHALL HAVE OPAQUE SCREENING TO SCREEN VIEWS INTO THE PROPERTY AS WELL AS PREVENT WIND-BLOWN EROSION.

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LICENSED PROFESSIONAL

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

DATE: \_\_\_\_\_  
SCALE: \_\_\_\_\_

principal architect \_\_\_\_\_  
project manager \_\_\_\_\_  
drawn by JAW  
KJL  
checked by JAW  
job no. 144231002

revisions:
1 04/13/2023 FIRST SUBMITTAL
2 05/01/2023 SECOND SUBMITTAL
3 05/15/2023 PRESENTATION SUBMITTAL
4 06/12/2023 PRESENTATION UPDATE
5 07/10/2023 ARCOM UPDATE
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no. date APR 2024 issue

ARCOM

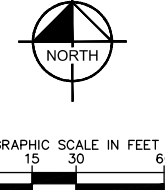
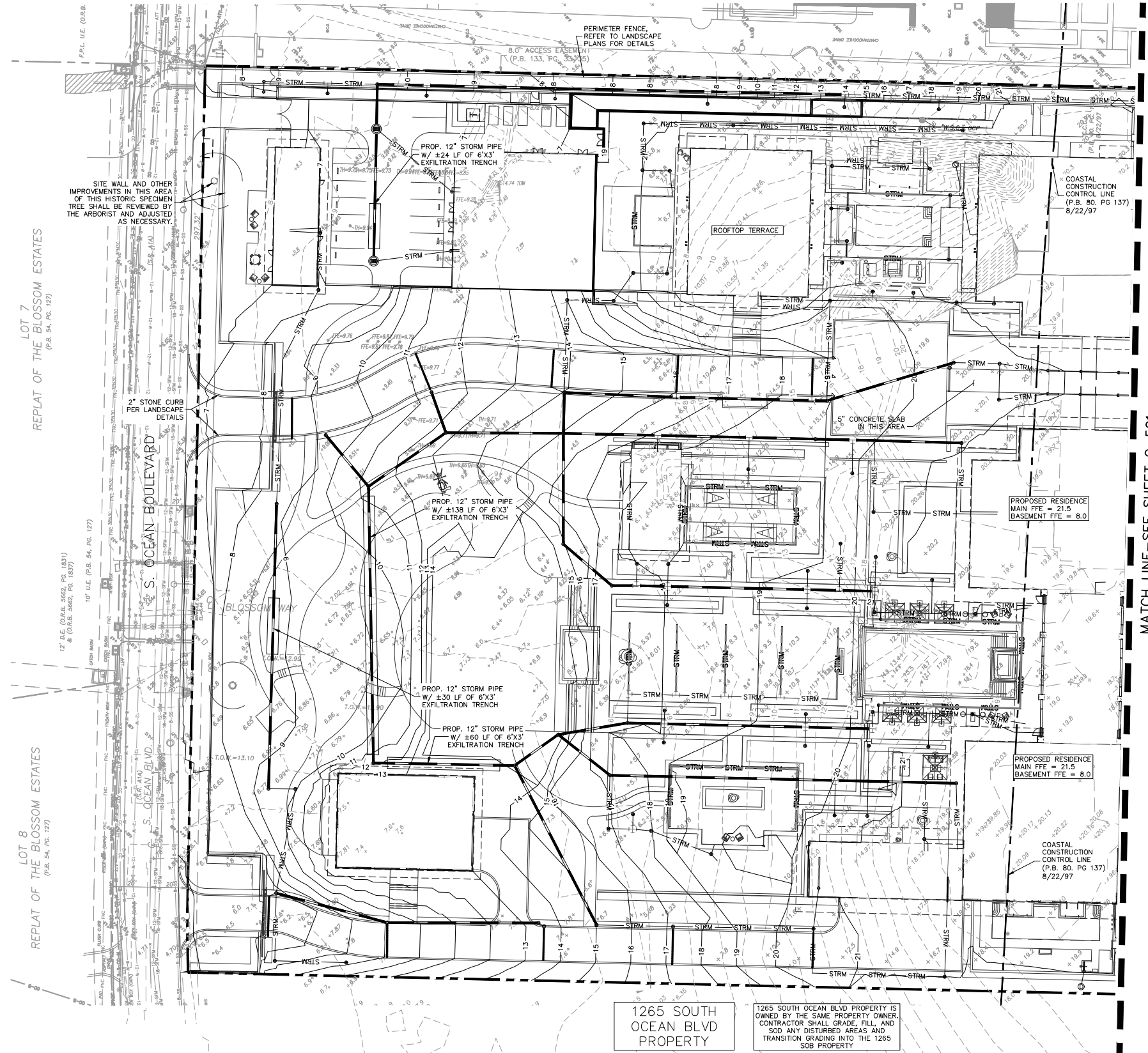
04/15/2024

EXISTING TOPOGRAPHY AND CONSTRUCTION FENCING PLAN

C-300

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-083

Plotted By: Meyer, Lisandre Sheet Set: 60 BLOSSOM WAY Layout: C-500 PAVING GRADING AND DRAINAGE PLAN March 28, 2024 06:54:21pm K:\BDC\_Civil\144231002 - PB Resid - 60 Blossom\CAAD\PlanSheets\60 Blossom Proposed\C-500 PAVING GRADING AND DRAINAGE PLAN.dwg  
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LEGEND

- |      |      |      |                               |
|------|------|------|-------------------------------|
| SS   | SS   | SS   | PROPERTY LINE                 |
| W    | W    | W    | PROPOSED SANITARY LINE        |
| CW   | CW   | CW   | PROPOSED WATER LINE           |
| F    | F    | F    | PROPOSED CHILLED WATER LINE   |
| E    | E    | E    | PROPOSED FIRE LINE            |
| G    | G    | G    | PROPOSED ELECTRIC LINE        |
| STRM | STRM | STRM | PROPOSED GAS LINE             |
| STRM | STRM | STRM | PROPOSED STORM LINE UNDER 12" |
| STRM | STRM | STRM | PROPOSED STORM LINE ABOVE 12" |
| STRM | STRM | STRM | PROPOSED PAVERS               |
| STRM | STRM | STRM | PROPOSED TRENCH DRAIN         |
| STRM | STRM | STRM | PROPOSED SANITARY MANHOLE     |
| STRM | STRM | STRM | EXISTING CONTOUR ELEVATIONS   |
| STRM | STRM | STRM | PROPOSED CONTOUR ELEVATIONS   |
| STRM | STRM | STRM | PROPOSED SPOT ELEVATION       |
| STRM | STRM | STRM | MATCH EXISTING ELEVATION      |
| STRM | STRM | STRM | EXISTING ELEVATION            |

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- STORM / DRAINAGE PIPE MATERIALS:
  - ALL ROOF DRAIN PIPING (4"-10") SHALL BE PVC SDR-35 (ANY DEPTH), PVC SCHEDULE 40 (PIPES SHALLOWER THAN 8"), OR PVC SCHEDULE 80 (PIPES DEEPER THAN 8"). CONTRACTOR SHALL SELECT THE MOST ECONOMICAL PIPE MATERIAL.
  - ALL ON-SITE STORM PIPE (12"+) SHALL BE REINFORCED CONCRETE PIPE (RCP) (ANY DEPTH), ADS N-12 HIGH DENSITY POLYETHYLENE (HDPE) PIPE (PIPES SHALLOWER THAN 15"), OR ADS HP STORM PIPE (PIPES DEEPER THAN 15").
  - CONTRACTOR MAY SUBMIT ALTERNATIVES TO THE ABOVE PIPING FOR REVIEW BY THE ENGINEER.
- 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.
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REGISTRY 35106

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

DATE: \_\_\_\_\_  
SCALE: \_\_\_\_\_  
principal architect \_\_\_\_\_  
project manager \_\_\_\_\_  
drawn by JAW  
KJL  
checked by JAW  
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revisions:  
1 04/13/2023 FIRST SUBMITTAL  
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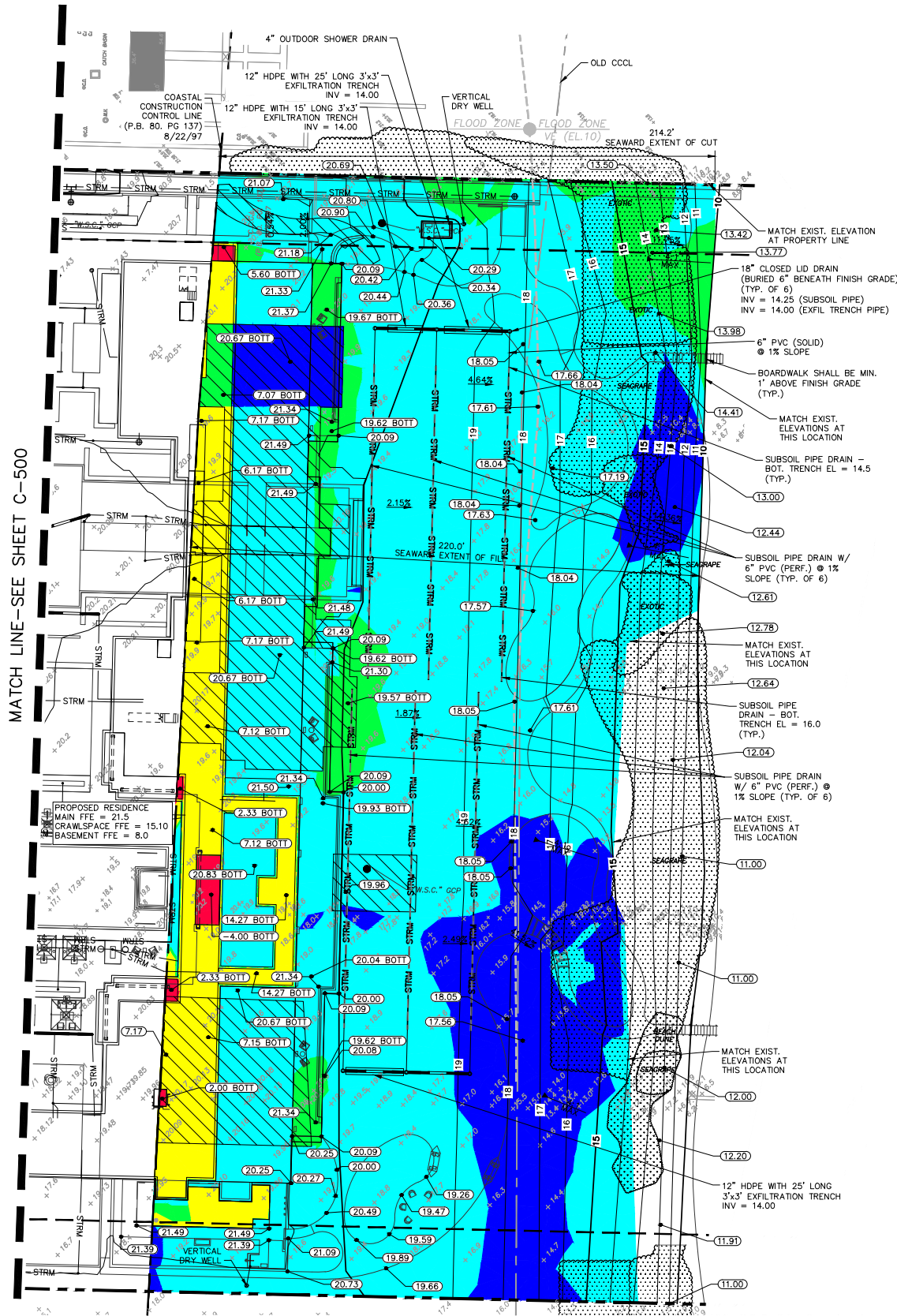
GRADING  
AND  
DRAINAGE  
PLAN

C-500

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-083

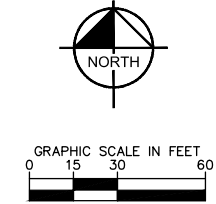


Plotted By: Meyer, Lisaandre Sheet: 60 BLOSSOM WAY Layout: C-501 PRELIMINARY CCCL GRADING AND DRAINAGE March 28, 2024 06:53:15pm K:\BDD\_Civil\144231002 - PB Read - 60 Blossom\CAUD\PlanSheets\60 Blossom Proposed\CS01 PRELIMINARY CCCL PAVING GRADING AND DRAINAGE.dwg  
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Surface Comparison			
Elevation Differences (ft)			
(Proposed Surface Minus Existing Surface)			
Cut / Fill	Lower Boundary	Upper Boundary	Color
Cut	-24.31	-15.00	Red
Cut	-15.00	-2.00	Yellow
Cut	-2.00	0.00	Green
Fill	0.00	2.00	Cyan
Fill	2.00	14.00*	Blue

\*MAXIMUM 14.00' DEPTH OF FILL NECESSARY TO BACKFILL EXISTING SUBGRADE DAMAGE/ BASEMENT



#### LEGEND

- PROPERTY LINE
- - - EXISTING CONTOUR ELEVATIONS
- - - PROPOSED CONTOUR ELEVATIONS
- PROPOSED SPOT ELEVATION
- PROPOSED BOTTOM OF SLAB ELEVATION
- MATCH EXISTING ELEVATION
- EXISTING ELEVATION
- EXIST. RESIDENCE AND HARDSCAPE EXTENTS

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#### 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, SHELL 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 62B-33.005(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).

CCCL EXCAVATION TABULATION	
EXCAVATION = 3291 CY	BATH GARDEN POLE = 66 CY
FILL = 4587 CY	
NET = 1230 CY (FILL)	

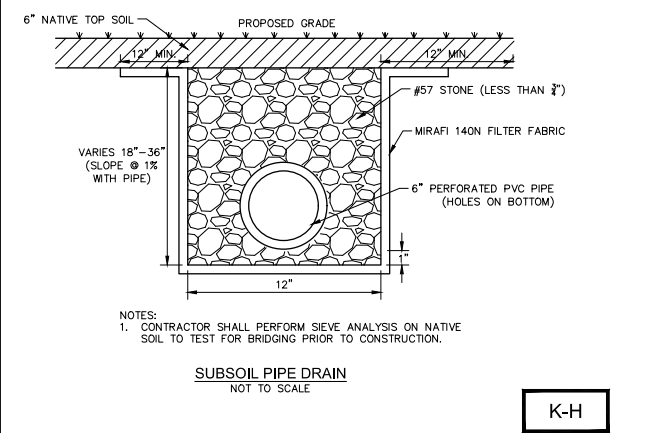
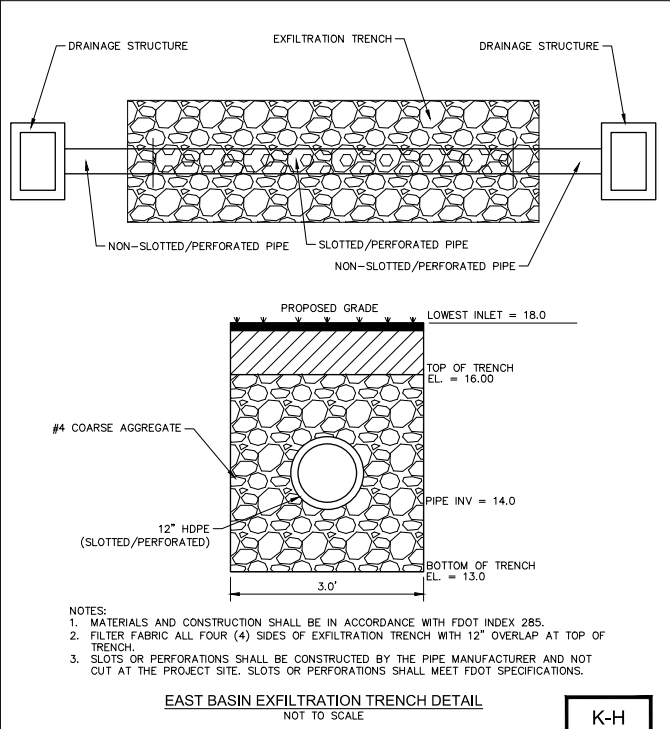
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LICENSED PROFESSIONAL  
  
JASON A. WEBBER, P.E.  
FL LICENSE NUMBER  
73962  
  
DATE: \_\_\_\_\_  
SCALE: \_\_\_\_\_  
  
principal architect \_\_\_\_\_  
project manager \_\_\_\_\_  
drawn by JAW  
KJL  
checked by JAW  
job no. 144231002  
  
revisions:  
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2 05/01/2023 SECOND SUBMITTAL  
3 05/15/2023 PRESENTATION SUBMITTAL  
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9 04/01/2024 REVISION-SECOND SUBMITTAL  
10 04/15/2024 PRESENTATION DROP OFF

no. date APR 2024 issue

ARCOM

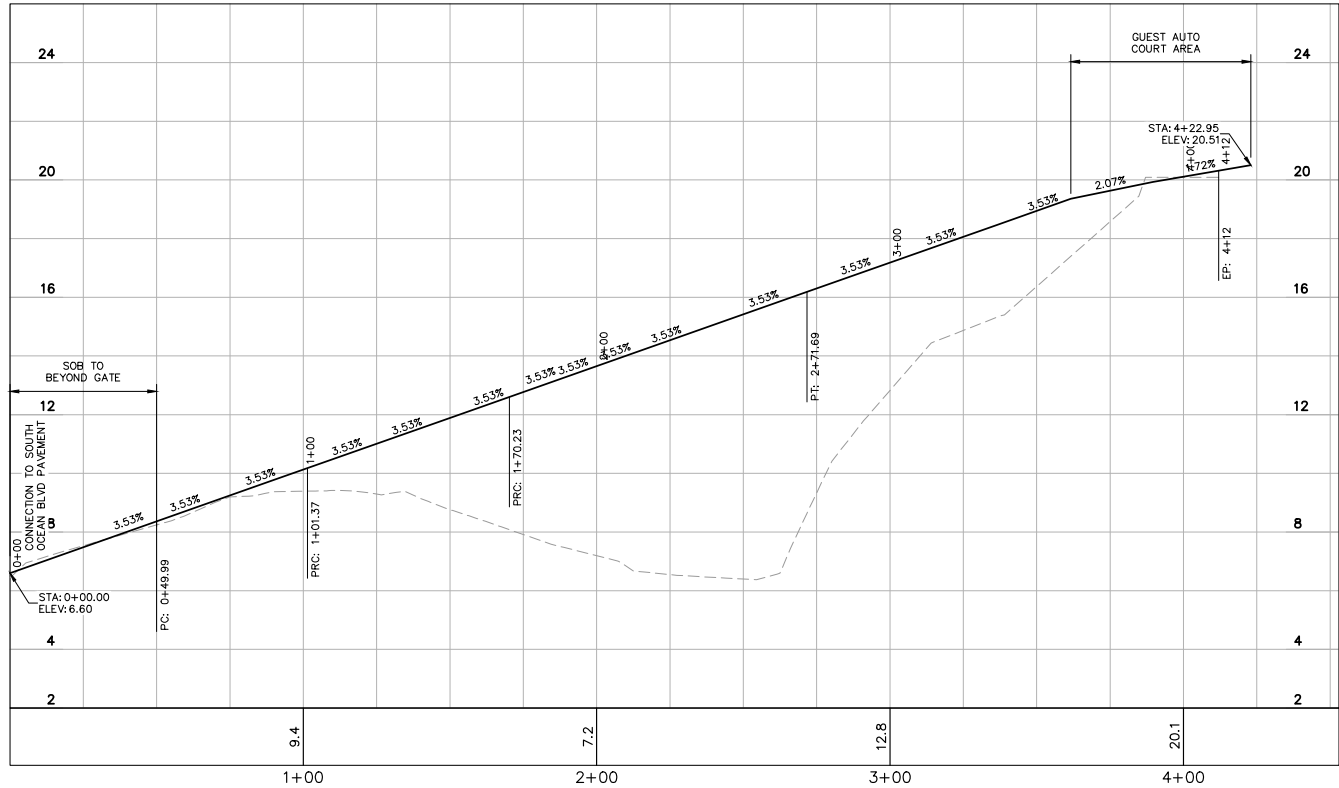
04/15/2024

GRADING AND DRAINAGE PLAN

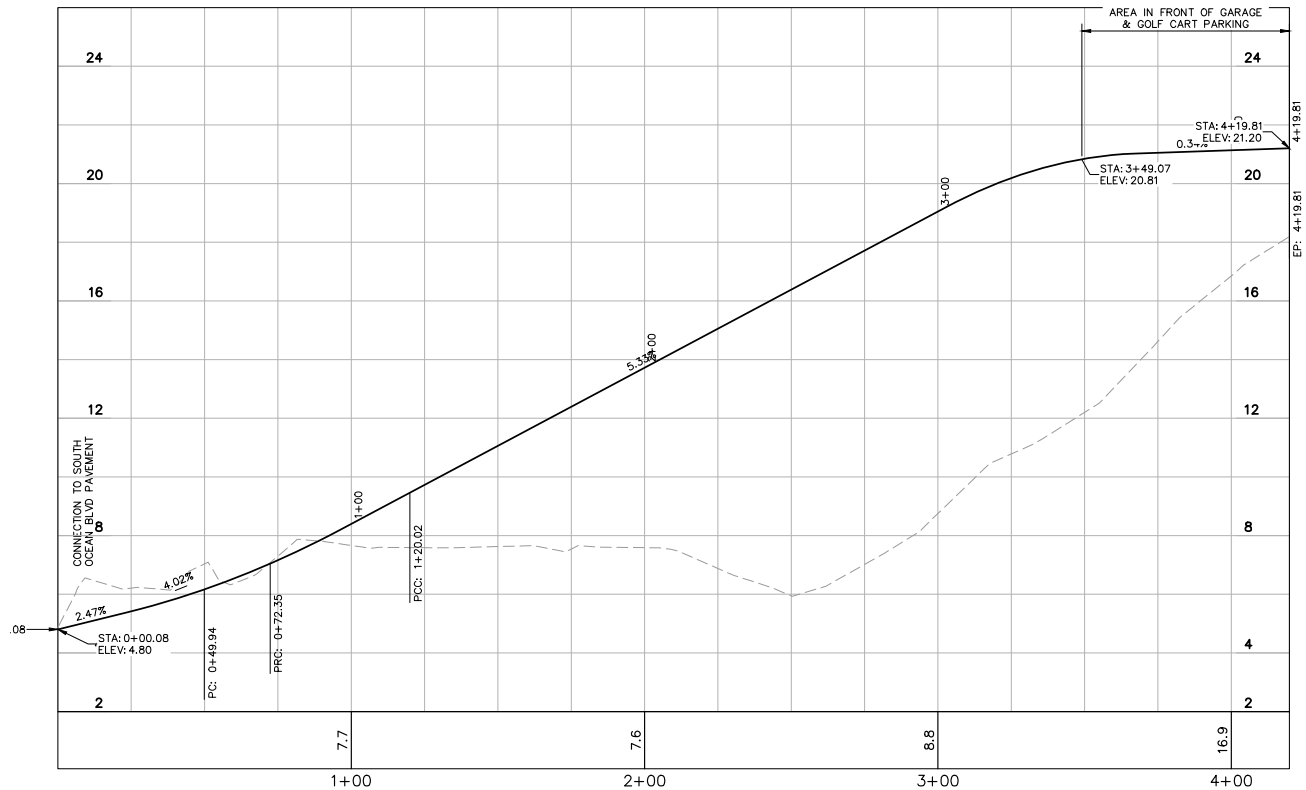
C-501

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-063

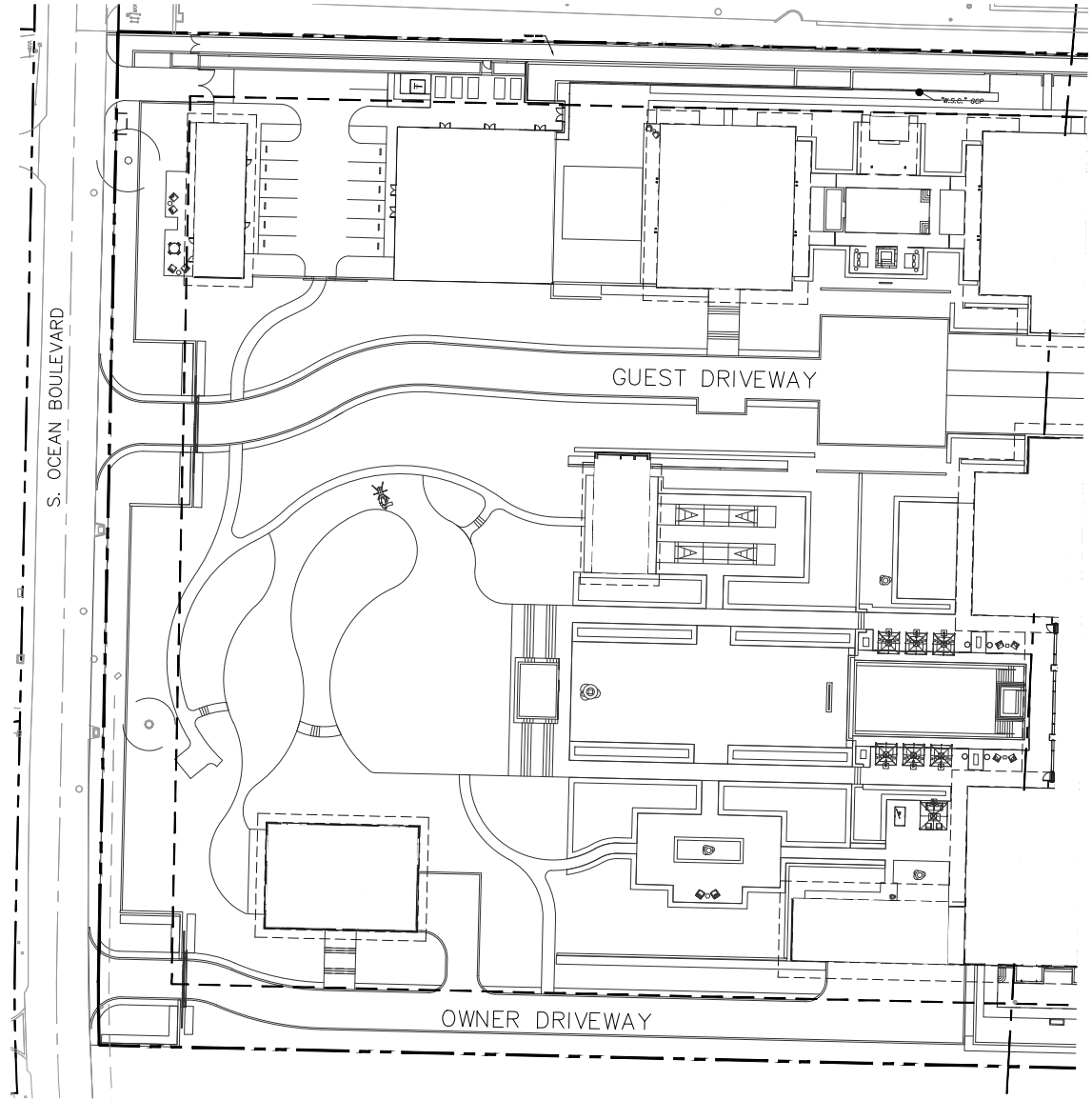
Plotted By: Mayer, Lisandre Sheet Set: 60 BLOSSOM WAY Layout: C-502 DRIVEWAY PROFILES March 28, 2024 06:55:21pm K:\BCD\_CW\144231002 - PB Resid - 60 Blossom\CAAD\FanSheets\60 Blossom Proposed\C-502 DRIVEWAY PROFILES.dwg  
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GUEST DRIVEWAY  
SCALE: 1" = 30'



OWNER DRIVEWAY  
SCALE: 1" = 30'



PLANS ARE IN NAVD 1988 DATUM  
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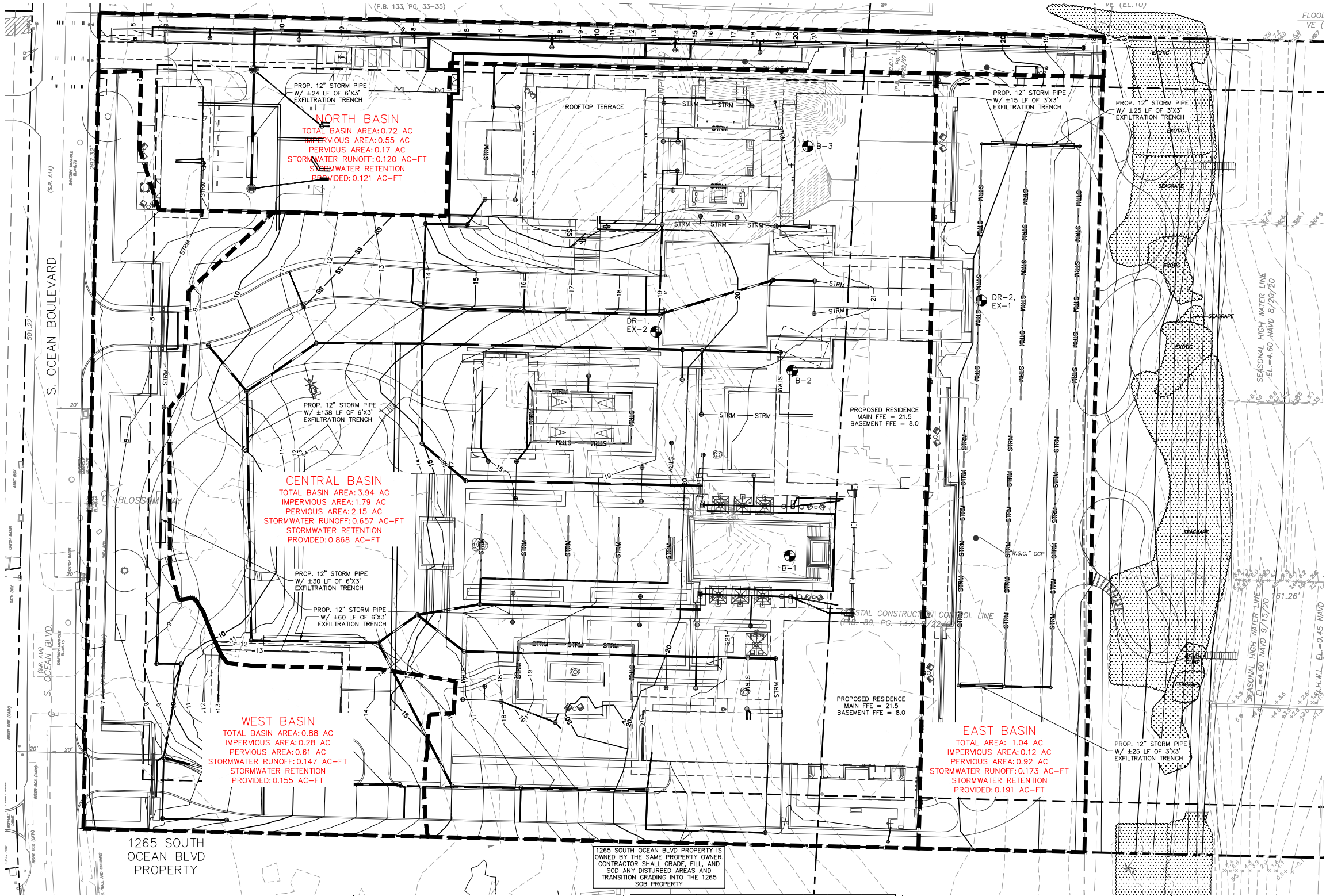
DRIVEWAY PROFILES


C-502

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-063



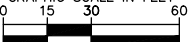
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NORTH

GRAPHIC SCALE IN FEET



LEGEND

---	PROPERTY LINE
-STRM-	DRAINAGE BASIN
-STRM-	PROPOSED STORM LINE
-27-	EXISTING CONTOUR ELEVATIONS
-27-	PROPOSED CONTOUR ELEVATIONS
-27-	EXISTING ELEVATION
+	APPROX. DRAINAGE AND EXFILTRATION TEST LOCATION PER GEOTECH REPORT

North Basin		
Site Plan Data		
Total Lot Area	=	0.72 AC
Impervious Area	=	0.55 AC
(Hardscape, Pool, and Building)		
Pervious Area	=	0.17 AC
Estimated Runoff Volume		
Impervious Runoff Volume:		
2in x 0.55 AC * 1ft/12in	=	0.091 AC-FT
Pervious Runoff Volume		
2in x 0.17 AC * 1ft/12in	=	0.029 AC-FT
Total Volume to be Retained	=	0.120 AC-FT
Exfiltration Trench Calculations (SFWM Analysis)		
Exfiltration Trench		
L (Total Length of Trench Proposed)	=	24 ft
W (Proposed Trench Width)	=	6.00 ft
K (Hydraulic Conductivity)	=	0.001 cfs/sq-ft per ft head
H2 (Proposed Depth to Water Table)	=	4.75 ft
DU (Proposed Non-Saturated Trench Depth)	=	3.00 ft
DS (Proposed Saturated Trench Depth)	=	0.00 ft
Water Table Elevation	=	1.50 ft (NAVD 88)
Proposed Retention	=	0.121 AC-FT
Required Retention (Site)	=	0.120 AC-FT

Central Basin		
Site Plan Data		
Total Lot Area	=	3.94 AC
Impervious Area	=	1.79 AC
(Hardscape, Pool, and Building)		
Pervious Area	=	2.15 AC
Estimated Runoff Volume		
Impervious Runoff Volume:		
2in x 1.79 AC * 1ft/12in	=	0.30 AC-FT
Pervious Runoff Volume		
2in x 2.15 AC * 1ft/12in	=	0.36 AC-FT
Total Volume to be Retained	=	0.66 AC-FT
Exfiltration Trench Calculations (SFWM Analysis)		
Exfiltration Trench		
L (Total Length of Trench Proposed)	=	198 ft
W (Proposed Trench Width)	=	6.00 ft
K (Hydraulic Conductivity)	=	0.001 cfs/sq-ft per ft head
H2 (Proposed Depth to Water Table)	=	5.00 ft
DU (Proposed Non-Saturated Trench Depth)	=	3.00 ft
DS (Proposed Saturated Trench Depth)	=	0.00 ft
Water Table Elevation	=	1.50 ft (NAVD 88)
Proposed Retention	=	0.868 AC-FT
Required Retention (Site)	=	0.657 AC-FT

East Basin		
Site Plan Data		
Total Lot Area	=	1.04 AC
Impervious Area	=	0.12 AC
(Hardscape, Pool, and Building)		
Pervious Area	=	0.92 AC
Estimated Runoff Volume		
Impervious Runoff Volume:		
2in x 0.12 AC * 1ft/12in	=	0.02 AC-FT
Pervious Runoff Volume		
2in x 0.92 AC * 1ft/12in	=	0.15 AC-FT
Total Volume to be Retained	=	0.17 AC-FT
Exfiltration Trench Calculations (SFWM Analysis)		
Exfiltration Trench		
L (Total Length of Trench Proposed)	=	55 ft
W (Proposed Trench Width)	=	3.00 ft
K (Hydraulic Conductivity)	=	0.001 cfs/sq-ft per ft head
H2 (Proposed Depth to Water Table)	=	5.00 ft
DU (Proposed Non-Saturated Trench Depth)	=	3.00 ft
DS (Proposed Saturated Trench Depth)	=	0.00 ft
Water Table Elevation	=	1.50 ft (NAVD 88)
Proposed Retention	=	0.191 AC-FT
Required Retention (Site)	=	0.173 AC-FT

West Basin		
Site Plan Data		
Total Lot Area	=	0.88 AC
Impervious Area	=	0.28 AC
(Hardscape, Pool, and Building)		
Pervious Area	=	0.61 AC
Estimated Runoff Volume		
Impervious Runoff Volume:		
2in x 0.28 AC * 1ft/12in	=	0.05 AC-FT
Pervious Runoff Volume		
2in x 0.61 AC * 1ft/12in	=	0.10 AC-FT
Total Volume to be Retained	=	0.15 AC-FT
Exfiltration Trench Calculations (SFWM Analysis)		
Exfiltration Trench		
L (Total Length of Trench Proposed)	=	30 ft
W (Proposed Trench Width)	=	6.00 ft
K (Hydraulic Conductivity)	=	0.001 cfs/sq-ft per ft head
H2 (Proposed Depth to Water Table)	=	5.00 ft
DU (Proposed Non-Saturated Trench Depth)	=	3.00 ft
DS (Proposed Saturated Trench Depth)	=	0.00 ft
Water Table Elevation	=	1.50 ft (NAVD 88)
Proposed Retention	=	0.155 AC-FT
Required Retention (Site)	=	0.147 AC-FT

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## DRAINAGE BASIN PLAN

C-504

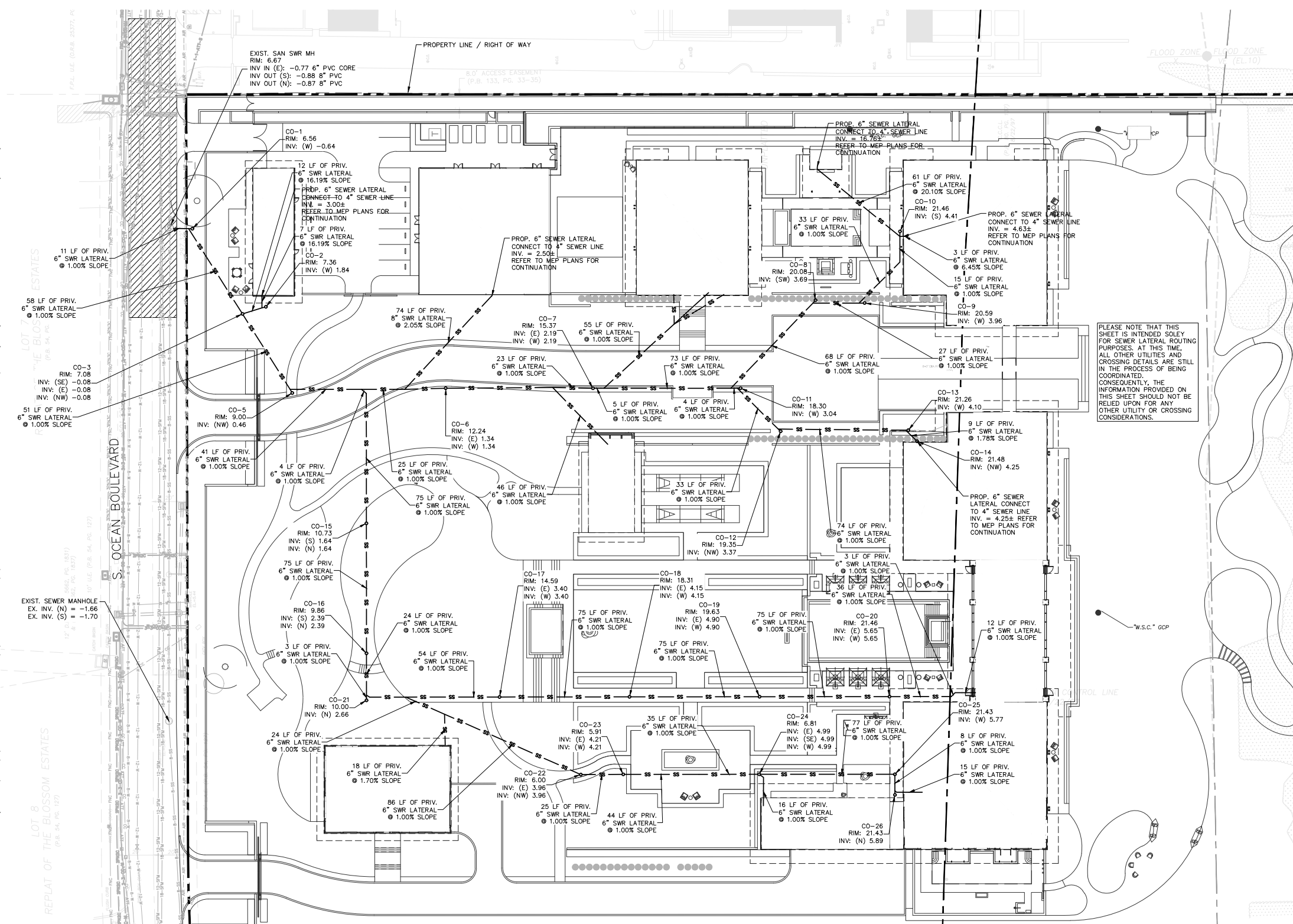
PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-083







Plotted By: Meyer, Lisandre Sheet Set: 60 BLOSSOM WAY Layout: C-600 SEWER UTILITY PLAN March 28, 2024 06:53:55pm K:\BDD\_Civil\144231002 - PB Resid - 60 Blossom\CADD\PlanSheets\60 Blossom Proposed\C-600 SEWER UTILITY PLAN.dwg  
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GRAPHIC SCALE IN FEET  
0 15 30 60

NORTH

LEGEND

SS	SS	SS	PROPERTY LINE
W	W	W	PROPOSED SANITARY LINE
W	W	W	PROPOSED WATER LINE
W	W	W	PROPOSED CHILLED WATER LINE
W	W	W	PROPOSED FIRE LINE
E	E	E	PROPOSED ELECTRIC LINE
G	G	G	PROPOSED GAS LINE
POOL	POOL	POOL	PROPOSED POOL LINE
STRM	STRM	STRM	PROPOSED STORM LINE
IRR	IRR	IRR	PROPOSED IRRIGATION LINE
SS	SS	SS	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 BOXES 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 STANDARD 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 MEGALUGS UNLESS OTHERWISE NOTED. ALL FIRE MAIN SHALL BE LAID AT 38" MIN. COVER. ALL FIRE RELATED CONSTRUCTION SHALL FOLLOW THE FLORIDA FIRE PREVENTION CODE 5TH EDITION - 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 SANITARY SEWERS. ALL FITTINGS FOR WATER MAIN AND FIRE MAIN 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 RECOMMENDATIONS.
- ALL GRAVITY SEWER LATERALS SHALL BE PVC SDR-35 OR PVC SCHEDULE 80. CONTRACTOR SHALL SELECT THE MOST ECONOMICAL PIPE MATERIAL.
- ANY VITRIFIED 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 CLEANOUT TO CENTER OF CLEANOUT.
- 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 (IE. PAVED AT LEAST UP TO FIRST LIFT, IF NOT ROADWAY) PRIOR TO ISSUANCE OF CERTIFICATION OF OCCUPANCY.
- LEAD FREE BRASS WATER WORKS PRODUCTS SHALL MEET THE REQUIREMENT OF ASH/AWWA C800 AND THE MAXIMUM LEAD CONTENT OF 5.3872 AND NSF 61 ANNEX C. 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 L) INTERNAL CARRIER PIPE, WITH VARIABLE THICKNESS POLYURETHANE INSULATION SURROUNDING, WITH HDPE JACKET. CONTRACTOR SHALL COORDINATE MATERIAL WITH MEP PRIOR TO CONSTRUCTION. REFER TO BUILDING PENETRATION SECTIONS FOR INSULATION THICKNESS.
- ALL WATER SERVICE PIPING AFTER THE CUP BUILDING SHALL BE COPPER (TYPE L) INTERNAL CARRIER PIPE, WITH VARIABLE THICKNESS POLYURETHANE INSULATION SURROUNDING, WITH HDPE JACKET. CONTRACTOR SHALL COORDINATE MATERIAL WITH MEP PRIOR TO CONSTRUCTION. REFER TO BUILDING PENETRATION SECTIONS FOR INSULATION THICKNESS.

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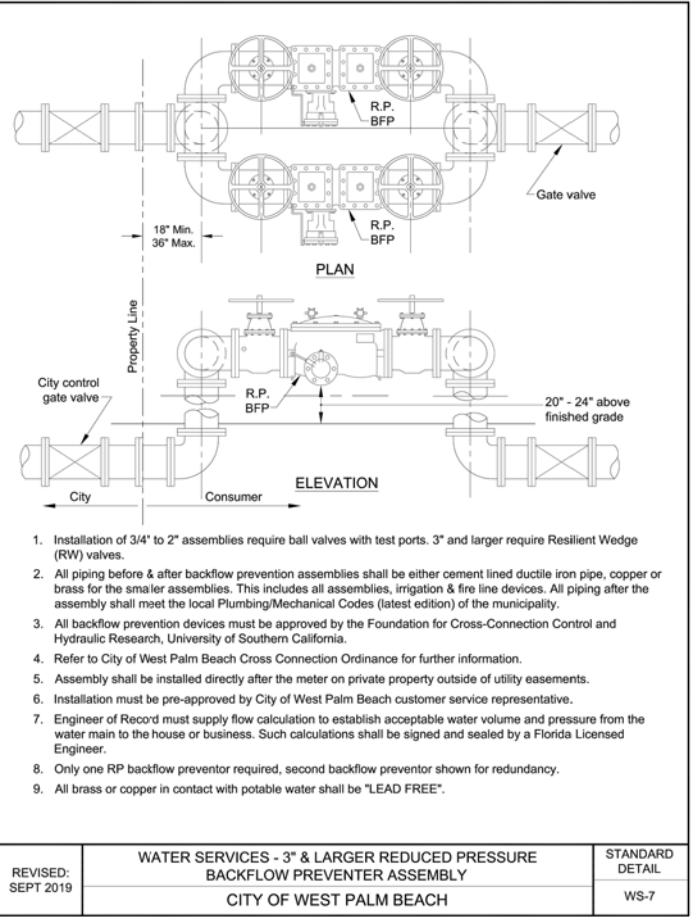
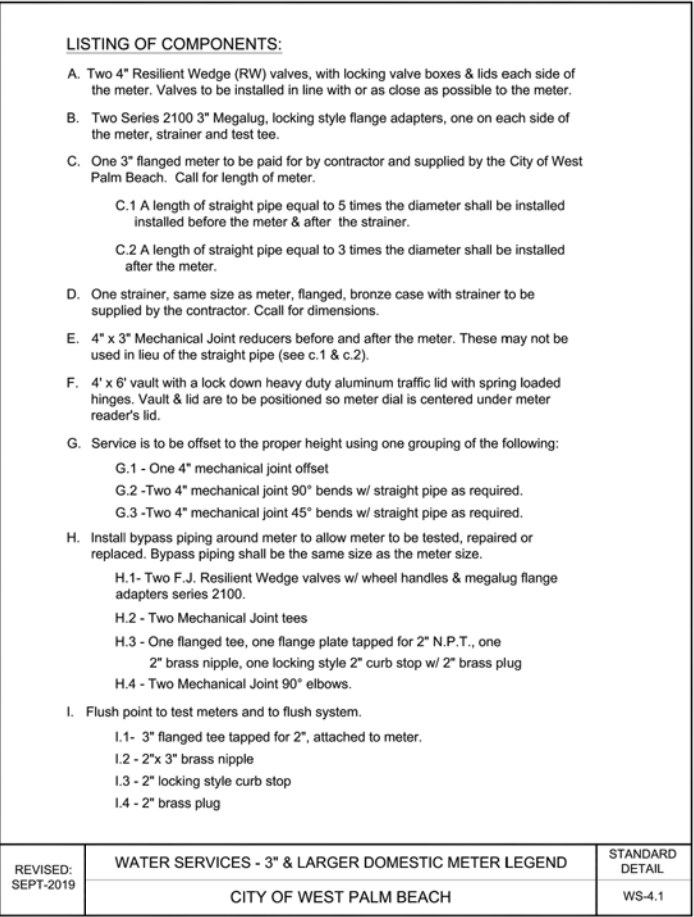
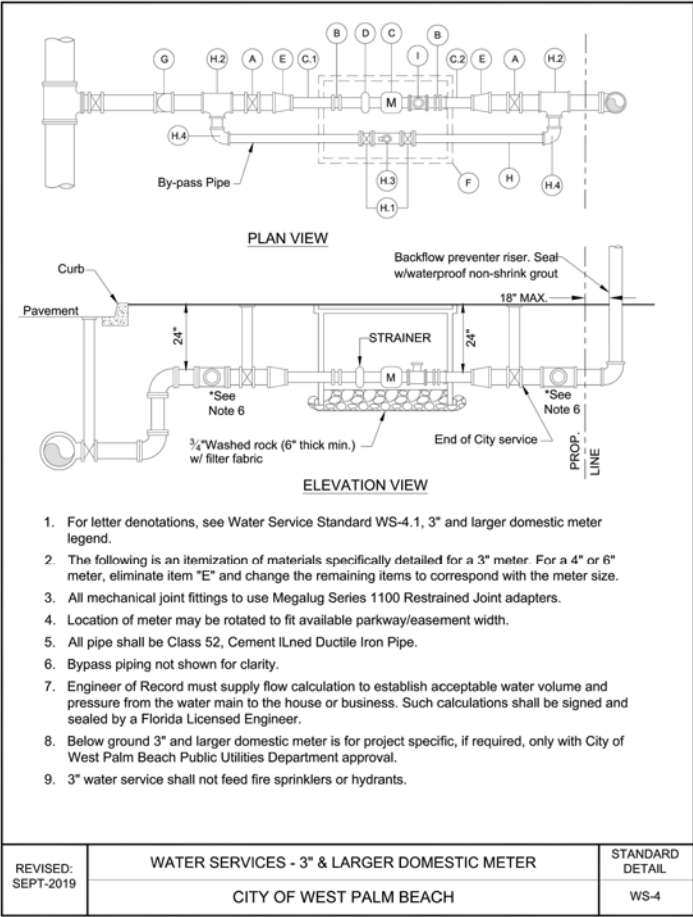
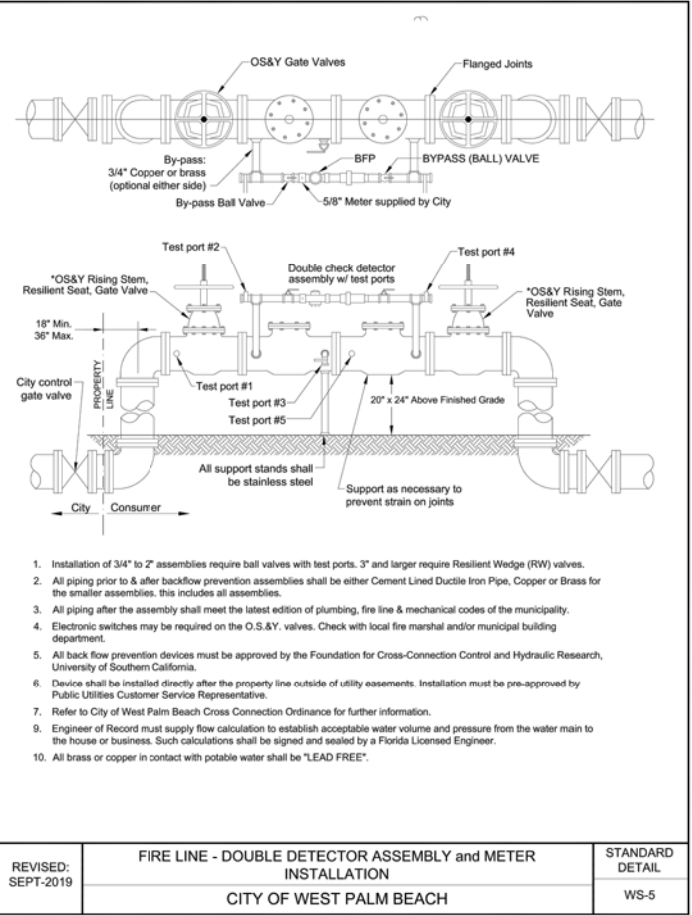
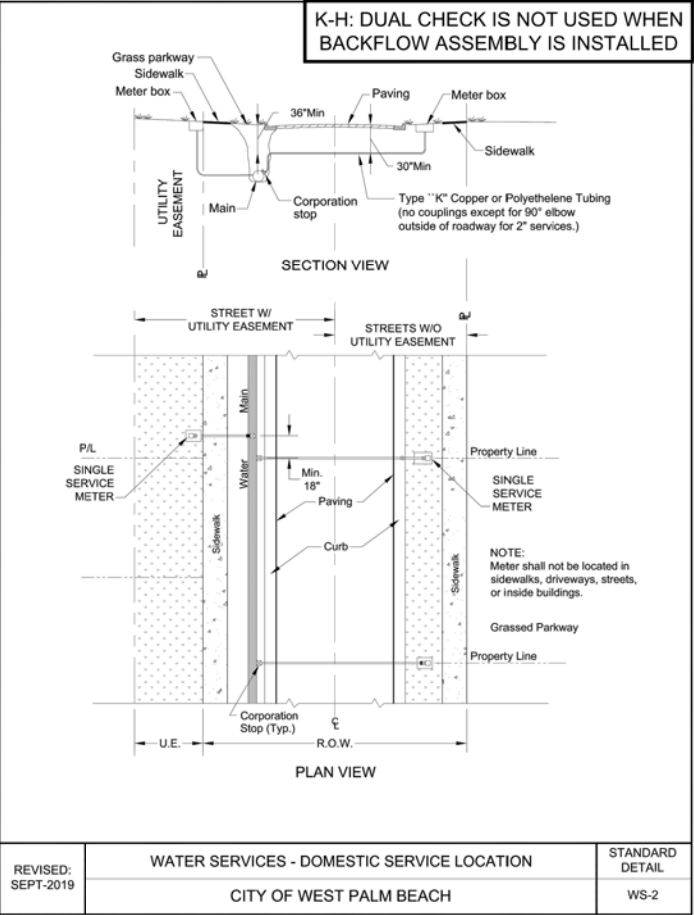
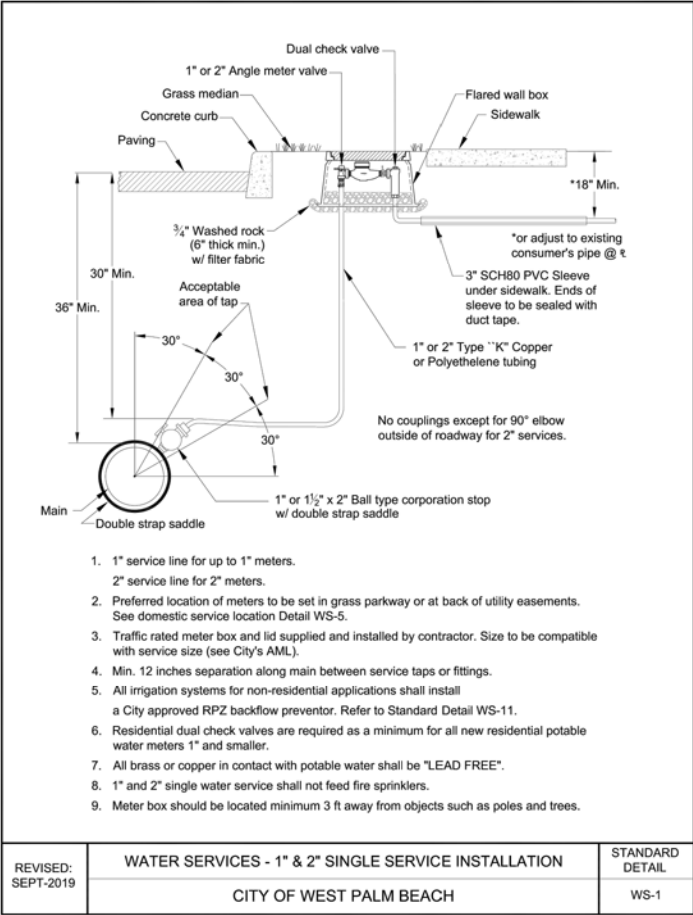
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SEWER UTILITY PLAN  
C-600

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-083

Plotted By: Mayer, Lisandre Sheet Set: 60 BLOSSOM WAY Layout: C-610 WATER DETAILS March 28, 2024 06:55:27pm K:\BDD\_Civil\144231002 - PB Resid - 60 Blossom\CAED\PlanSheets\60 Blossom Proposed\C-610 WATER DETAILS.dwg  
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5 07/10/2023 ARCOM UPDATE  
6 08/10/2023 STAFF REVIEW  
7 10/19/2023 STAFF APPROVAL, RECORD SET  
8 03/14/2024 REVISION-FIRST SUBMITTAL  
9 04/01/2024 REVISION-SECOND SUBMITTAL  
10 04/15/2024 PRESENTATION DROP OFF  
REV. date APR 2024 issue

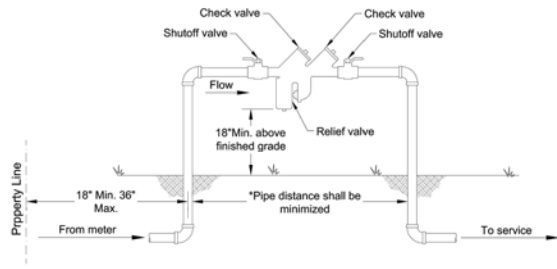
ARCOM  
04/15/2024

WATER  
DETAILS  
C-610

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-063



Plotted By: Meyer, Lisandre Sheet: Set: 60 BLOSSOM WAY Layout: C-611 WATER DETAILS March 28, 2024 08:52:56pm K:\BOD\_Civil\144231002 - PB Resid - 60 Blossom\CA\DW\PlanSheets\60 Blossom Proposed\C-610 WATER DETAILS.dwg  
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- All backflow prevention assemblies and orientation must be approved by the Foundation for Cross Connection Control and Hydraulic Research, University of California.
- Assemblies shall have test cocks and have enough clearance for test kits.
- Piping from meter to backflow assembly shall be type "K" or "L" copper, brass or stainless steel.
- Assemblies are to be installed directly after the meter on private property, outside of utility easement and Right of Way.
- Refer to City of West Palm Beach Backflow Cross Connection Control Ordinances for further information.
- Installation of 3/4" to 2" assemblies require ball valves with test ports.
- All brass or copper in contact with potable water shall be "LEAD FREE".
- Backflow assembly shall not be located on sidewalks, roads, or inside buildings and shall not be installed below ground, in vault or in boxes.

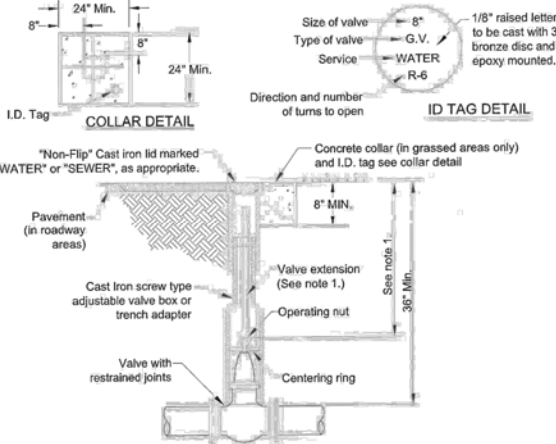
REVISED: SEPT-2019

WATER SERVICES - SMALL REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY (3/4" THROUGH 2")

CITY OF WEST PALM BEACH

STANDARD DETAIL

WS-6



- When top of operating nut is deeper than 36", a high strength steel extension will be required to bring operating nut to not more than 24" below finished grade. Extension bolts & nuts shall be 316 stainless steel. A steel centering plate welded to the extension is also required.
- Valve boxes in pavement shall have covers & lids marked "WATER" or "SEWER", as appropriate.
- All valve boxes shall be installed flush to finished grade.
- A plumb ductile iron pipe or C-900 PVC riser shall be used if depth so requires, with approval.
- In order to maintain adequate cover over valve nut, the following minimum cover over pipe are required:

GATE VALVE SIZE	MIN. COVER OVER PIPE
16"	48"
20"	54"
24"	60"
30"	72"
36"	84"

- Valve boxes shall not be located in a sidewalk unless specifically approved by the city of west palm beach.

REVISED: FEB-2018

ISSUED: 2016

PRESSURE PIPE - VALVE BOX SETTING

CITY OF WEST PALM BEACH

STANDARD DETAIL

P-1

FITTING TYPE	PIPE SIZE (Ø)															
	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"	42"	60"		
HORIZ. 90° BEND	18	25	33	39	46	52	58	63	69	80	94	107	119	147		
HORIZ. 45° BEND	8	11	14	16	19	22	24	26	29	33	39	45	50	61		
HORIZ. 22.5° BEND	4	5	7	8	9	11	12	13	14	16	18	19	22	24		
HORIZ. 11.25° BEND	2	3	4	4	5	6	6	7	7	8	10	11	12	15		
90° VERT. OFFSET BEND	31	44	58	69	81	92	101	114	124	145	173	200	224	281		
45° VERT. OFFSET BEND	13	19	24	28	34	38	43	47	52	60	72	83	93	117		
22.5° VERT. OFFSET BEND	7	9	12	14	16	19	21	23	25	29	35	40	45	56		
11.25° VERT. OFFSET BEND	4	5	7	8	9	11	12	13	14	16	18	19	22	24		
TEE (BRANCH RESTRAINT)	28	38	50	65	77	88	97	108	119	141	173	200	224	281		
REDUCER (LARGER PIPE RESTRAINT)	20	28	36	44	52	60	68	76	84	92	100	110	120	130		
PLUG / IN LINE VALVE	31	44	58	69	81	92	101	114	124	145	173	200	224	281		

NOTES:

- THE DATA IN THE ABOVE TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:  
SOIL TYPE: SAND DEPTH OF BURY: 3 FEET  
TRENCH TYPE: 2 TEST PRESSURE: 150 PSI  
SAFETY FACTOR: 1.5  
MINIMUM PIPE LENGTH ALONG TEE RUN: 5 FEET
- THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON PIPE ONLY.
- RESTRAINED PIPE LENGTHS APPLY TO PIPE ON BOTH SIDES OF VALVES AND FITTINGS.
- MULTIPLY PIPE LENGTH BY 1.4 FOR POLYETHYLENE ENCASED PIPE.
- ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED.
- DESIGN ENGINEER IS RESPONSIBLE TO PROPERLY SIZE THE RESTRAINT PIPE LENGTHS FOR THE PROJECT.
- MINIMUM NUMBER OF JOINTS TO BE RESTRAINED SHALL BE MINIMUM LENGTH AS LISTED ABOVE PLUS ONE FULL LENGTH.

REVISED: FEB-2018

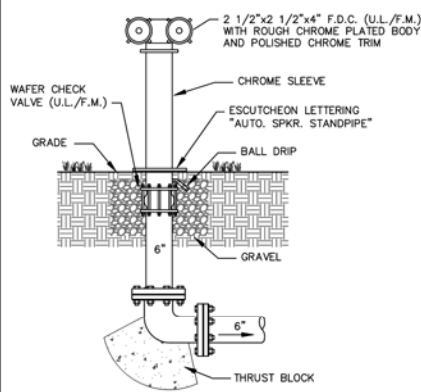
ISSUED: 2016

PRESSURE PIPE - DESIGN TABLE FOR THRUST RESTRAINT

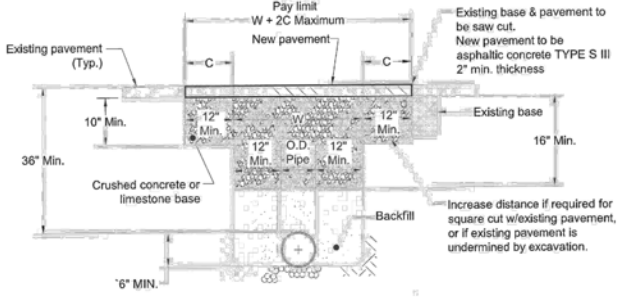
CITY OF WEST PALM BEACH

STANDARD DETAIL

P-3



**FREESTANDING FIRE DEPARTMENT CONNECTION**  
NOT TO SCALE



- Final Restoration - The road shall be milled/resurfaced 1" minimum depth for full lane width of the travel lane(s) encroached by the trench area, including a transition area of 50 ft on each side of the trench.
- All pavement sections to be constructed per City of West Palm Beach Standard Detail GC-5. Option to be designated by the City Engineer or his/her designee.
- Bedding shall consist of in-situ material or washed and graded limestone 3/4" - 7/8" sizing. Unsuitable in-situ materials such as muck, debris and larger rocks shall be removed.
- Contractor shall provide adequate compacted fill beneath the haunches of the pipe using mechanical tamps suitable for this purpose. This compaction applies to the material placed beneath the haunches of the pipe and above any bedding required.
- The contractor shall obtain a well-compacted bed and fill along the sides of the pipe and to a point indicating the baserock material.
- Backfill compaction within R.O.W. shall be minimum 98% of maximum density pursuant to ASTM D1557. Backfill not in R.O.W. shall be minimum 95% of maximum density pursuant to ASTM D1557. Lifts shall be 12" maximum. density reports shall be provided to City prior to installation of asphalt.
- Re-striping must be thermoplastic and match existing striping or as directed by the City Engineer or his/her designee.
- For roads not under City of West Palm Beach jurisdiction, the appropriate road authority standards shall take precedence over the City standards. Refer to FDOT, Palm Beach County or Town of Palm Beach standards, as appropriate.
- Install tracing or locating wires on top of PVC pipes for future locating purposes.

REVISED: FEB-2018

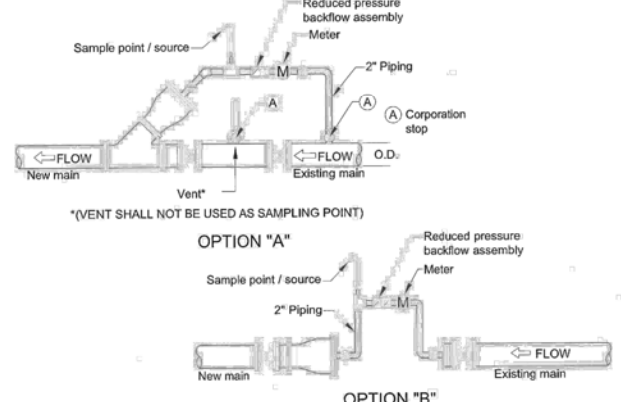
ISSUED: 2017

PRESSURE PIPE - TRENCH-BACKFILL-PAVEMENT RESTORATION

CITY OF WEST PALM BEACH

STANDARD DETAIL

P-4



- Except as indicated below for short lengths, each section of pipeline shall be thoroughly cleaned with one polyurethane foam pig. Contractor shall submit a pigging plan as part of the shop drawing submittal.
- A City representative shall be present at the time of insertion and exit of the pigs. Lines shall be pigged and/or flushed until the water runs clear and is approved by the City representative. The City shall be given 48 hours minimum notice prior to pigging or flushing.
- On short lengths of pipeline (100' max.) cleaning may be accomplished by flushing with water at a minimum velocity of 2.5 feet per second. Water required for testing and cleaning shall be supplied by the City at the contractor's expense. Water shall be from a potable source satisfactory to the City and shall be sampled as part of the sampling program.
- Reducer to be new main size plus 2" larger.
- Wye to be plugged and restrained at the end of pigging.
- At the end of the project, all corporations to be removed and corporation plugs to be installed.
- Sample point to be located after backflow preventer.
- All materials, pipe and fittings to be in accordance with the City's AML.
- Install reducer with pig inside. Only one pig will be allowed to be run through the main at a time. Pipe shall be pigged min. twice. pipe extension cap may be required.
- All backflow prevention assemblies must be approved by the foundation for cross connection control and hydraulic research, University of Southern California.

REVISED: NOV-2018

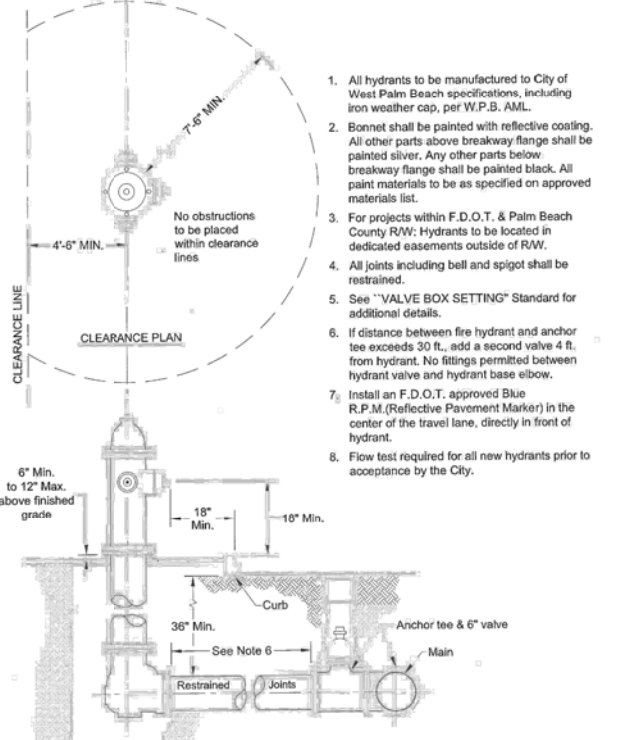
ISSUED: 2016

PRESSURE PIPE - PIGGING PROCEDURE

CITY OF WEST PALM BEACH

STANDARD DETAIL

P-6



- All hydrants to be manufactured to City of West Palm Beach specifications, including iron weather cap, per W.P.B. AML.
- Bonnet shall be painted with reflective coating. All other parts above breakway flange shall be painted silver. Any other parts below breakway flange shall be painted black. All paint materials to be as specified on approved materials list.
- For projects within F.D.O.T. & Palm Beach County R/W: Hydrants to be located in dedicated easements outside of R/W.
- All joints including bell and spigot shall be restrained.
- See "VALVE BOX SETTING" Standard for additional details.
- If distance between fire hydrant and anchor tee exceeds 30 ft., add a second valve 4 ft. from hydrant. No fittings permitted between hydrant valve and hydrant base elbow.
- Install an F.D.O.T. approved Blue R.P.M. (Reflective Pavement Marker) in the center of the travel lane, directly in front of hydrant.
- Flow test required for all new hydrants prior to acceptance by the City.

REVISED: FEB-2018

ISSUED: 2016

PRESSURE PIPE - FIRE HYDRANT CONNECTION

CITY OF WEST PALM BEACH

STANDARD DETAIL

P-8

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REGISTRY 35106

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

DATE: \_\_\_\_\_  
SCALE: \_\_\_\_\_  
principal architect \_\_\_\_\_  
project manager \_\_\_\_\_  
drawn by: JAW  
checked by: JAW  
job no. 144231002

revisions:  
1 04/13/2023 FIRST SUBMITTAL  
2 05/01/2023 SECOND SUBMITTAL  
3 05/15/2023 PRESENTATION SUBMITTAL  
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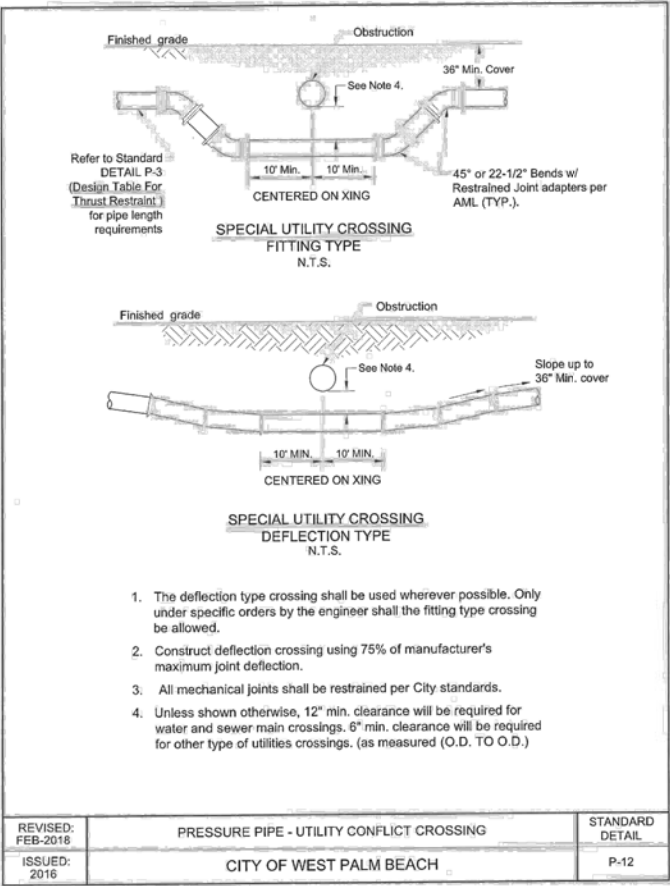
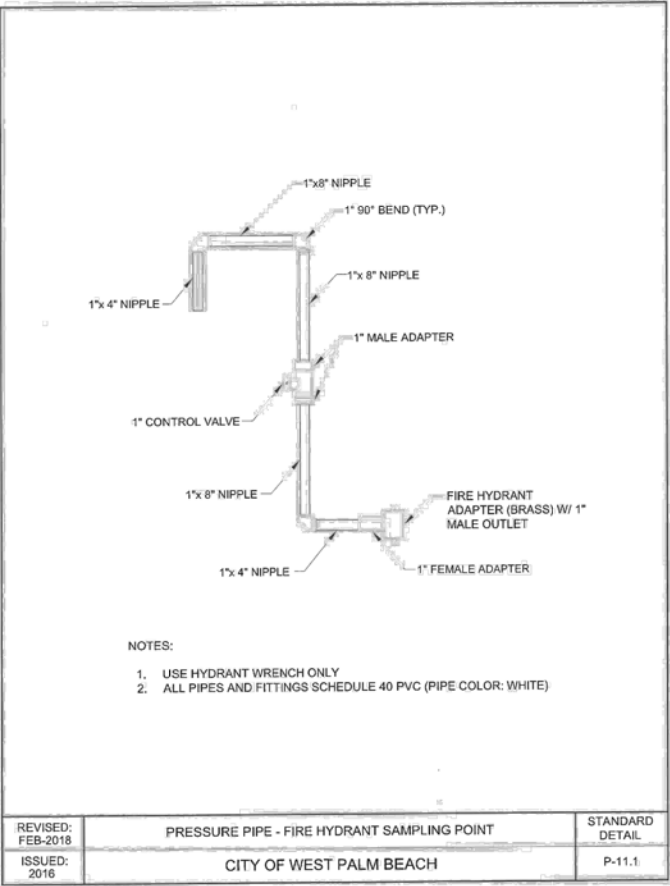
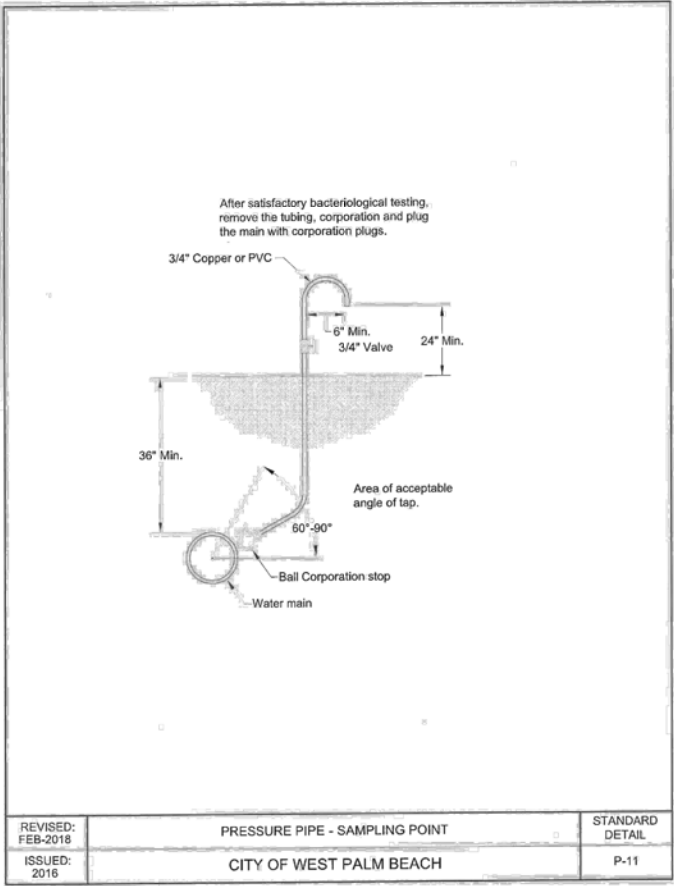
ARCOM  
04/15/2024

**WATER DETAILS**

C-611

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-063

Plotted By: Meyer, Lisandre Sheet Set: 60 BLOSSOM WAY Layout: C-612 WATER DETAILS March 28, 2024 07:23:17pm K:\BQD\_Civil\144231002 - PB Resid - 60 Blossom\CADD\PlanSheets\60 Blossom Proposed\C-610 WATER DETAILS.dwg  
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LICENSED PROFESSIONAL

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

principal architect \_\_\_\_\_  
project manager \_\_\_\_\_  
drawn by JAW  
KJL  
checked by JAW  
job no. 144231002

revisions:  
1 04/13/2023 FIRST SUBMITTAL  
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no. date APR 2024 issue

ARCOM

04/15/2024

WATER  
DETAILS

C-612

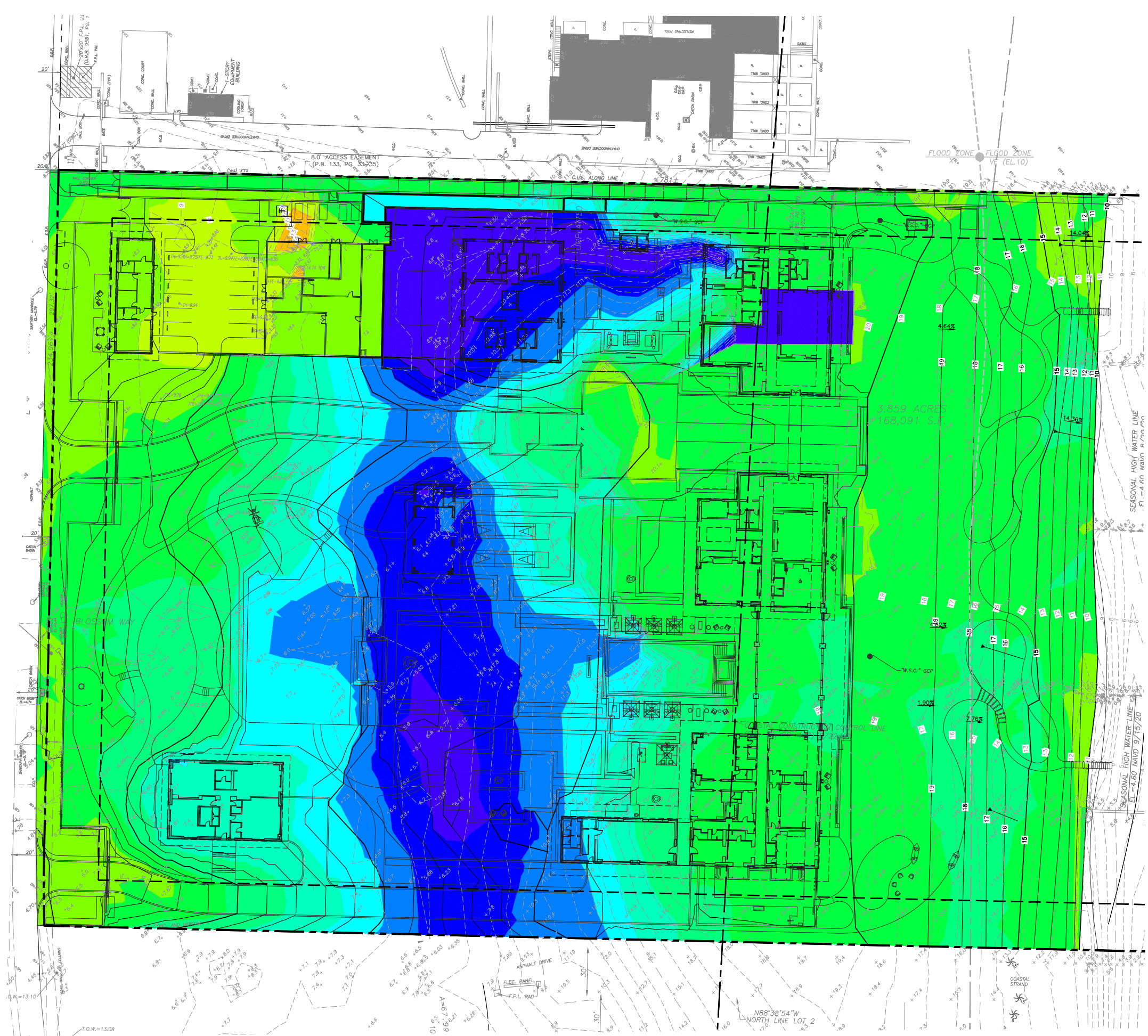
PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-063







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**LEGEND**

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

CUT/ FILL LEGEND		
CUT/FILL	DEPTHS	Color
CUT	-4.00 ±	
CUT	-2.00 ±	
FILL	0.00 ±	
FILL	2.00 ±	
FILL	4.00 ±	
FILL	6.00 ±	
FILL	8.00 ±	
FILL	10.00 ±	
FILL	12.00 ±	
FILL	14.00 ±	

SEC. 134-1600. - MAXIMUM LOT FILL ALLOWED.  
(g) THE LOT GRADE OF ANY PROPERTY SHALL NOT EXCEED A GRADE ELEVATION HEIGHT OF HALF THE DIFFERENCE BETWEEN THE LOWEST HABITABLE FINISHED FLOOR 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 NAVD 1988  
FFE: LOWEST HABITABLE FINISHED FLOOR ELEVATION OF THE PRINCIPAL STRUCTURE = 21.5 NAVD 1988  
(COR + FFE) ÷ 2 = MAXIMUM AMOUNT OF FILL ALLOWED ON A 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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**Sunshine 811.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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no. date APR 2024 issue

ARCOM

04/15/2024

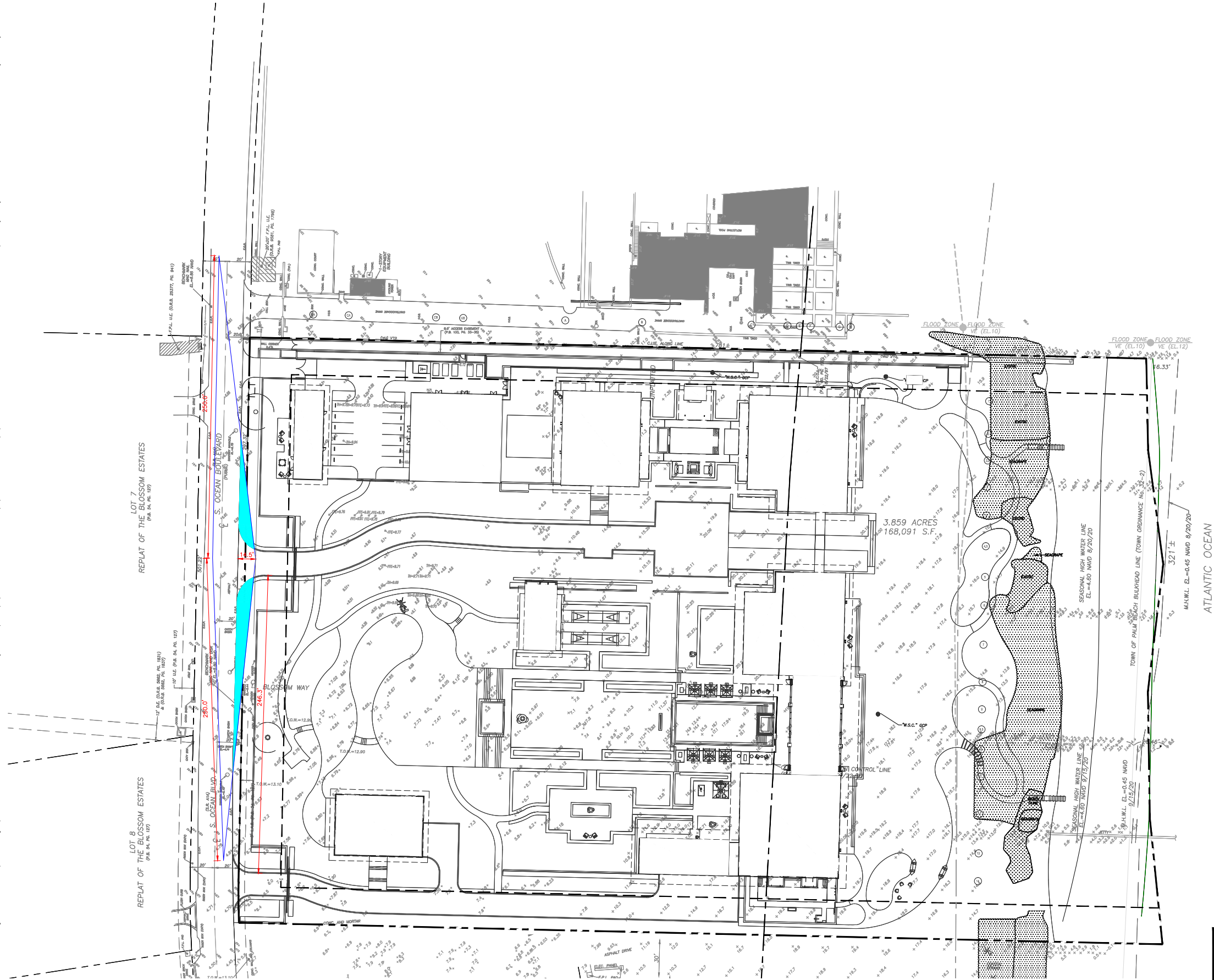
CUT/FILL EXHIBIT

EX-1

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-083



Plotted By: Meyer, Liandre Sheet Set: ##### Layout: Guest - Sight Distance March 28, 2024 07:19:41pm K:\BDD\_Civil\144231002 - PB Resid - 60 Blossom\ACDD\Exhibits\ARCOM FDOT Sight Triangles\2024.03.11 - FDOT Sight Triangles for Updated Base.dwg  
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GRAPHIC SCALE IN FEET  
0 20 40 80

PLANS ARE IN NAVD 1988 DATUM  
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project manager \_\_\_\_\_  
drawn by JAW  
KJL  
checked by JAW  
job no. 144231002

revisions:		
1	04/13/2023	FIRST SUBMITTAL
2	05/09/2023	SECOND SUBMITTAL
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ARCOM

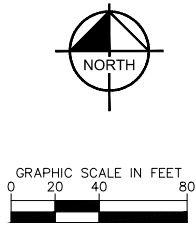
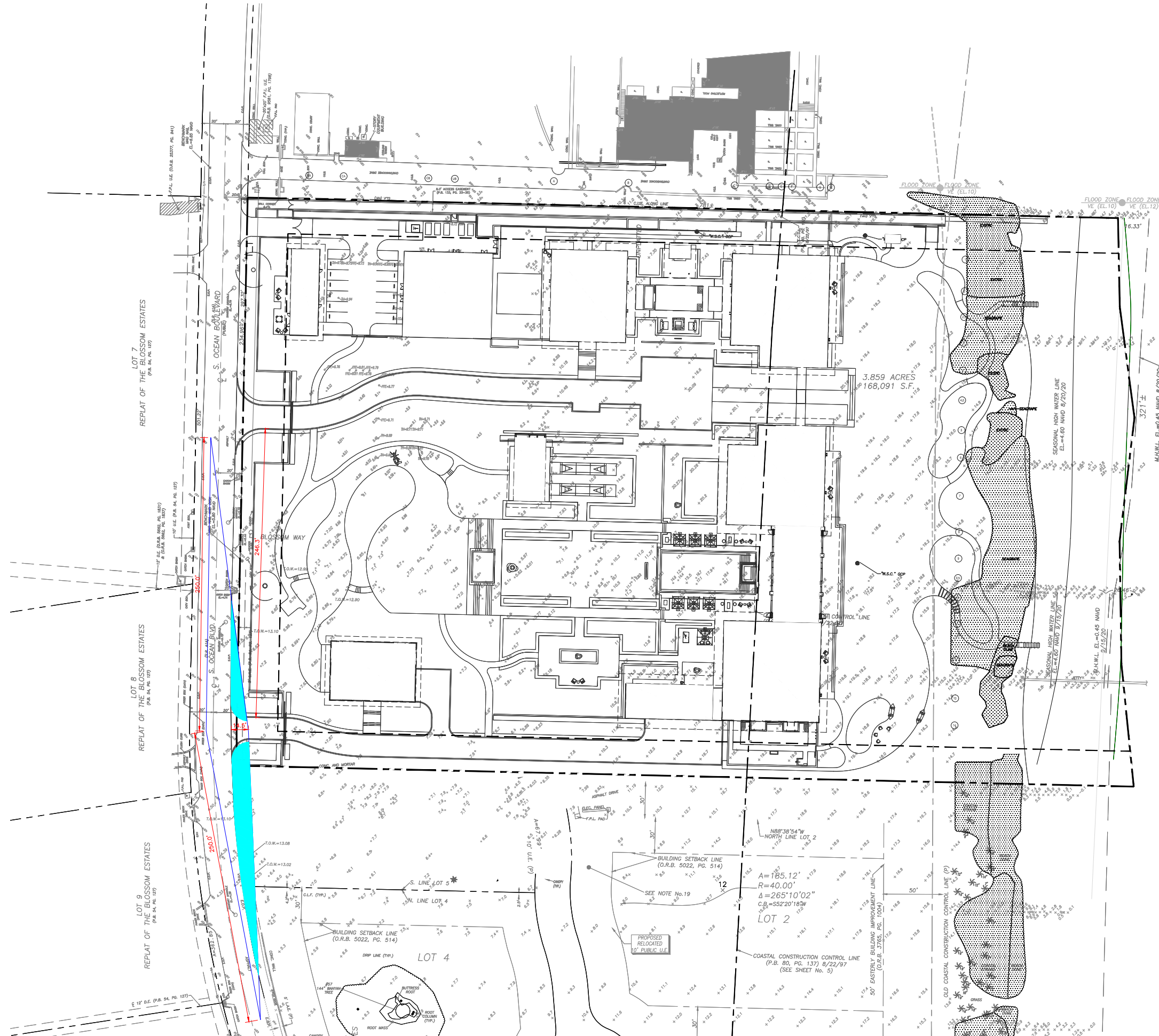
04/15/2024

FDOT SIGHT  
TRIANGLE  
EXHIBIT  
GUEST  
DRIVEWAY

EX-1

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-063

Plotted By: Meyer, Usandrea Sheet Set: ##### Layout: Owner - Sight Distance March 28, 2024 07:19:59pm K:\BDD\_Civil\144231002 - PB Resid - 60 Blossom\CD\Exhibits\ARCOM FDOT Sight Triangles for Updated Base.dwg  
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SO THAT IT REMAINS EAST OF THE NEW CCCL.  
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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 architect

project manager

drawn by

checked by

job no.

144231002

revisions:

1 04/13/2023 FIRST SUBMITTAL

2 05/01/2023 SECOND SUBMITTAL

3 05/15/2023 PRESENTATION SUBMITTAL

4 06/12/2023 PRESENTATION UPDATE

5 07/10/2023 ARCOM UPDATE

6 08/10/2023 STAFF REVIEW

7 10/19/2023 STAFF APPROVAL RECORD SET

8 03/14/2024 REVISION-FIRST SUBMITTAL

9 04/01/2024 REVISION-SECOND SUBMITTAL

10 04/15/2024 PRESENTATION DROP OFF

no.

date APR 2024

issue

ARCOM

04/15/2024

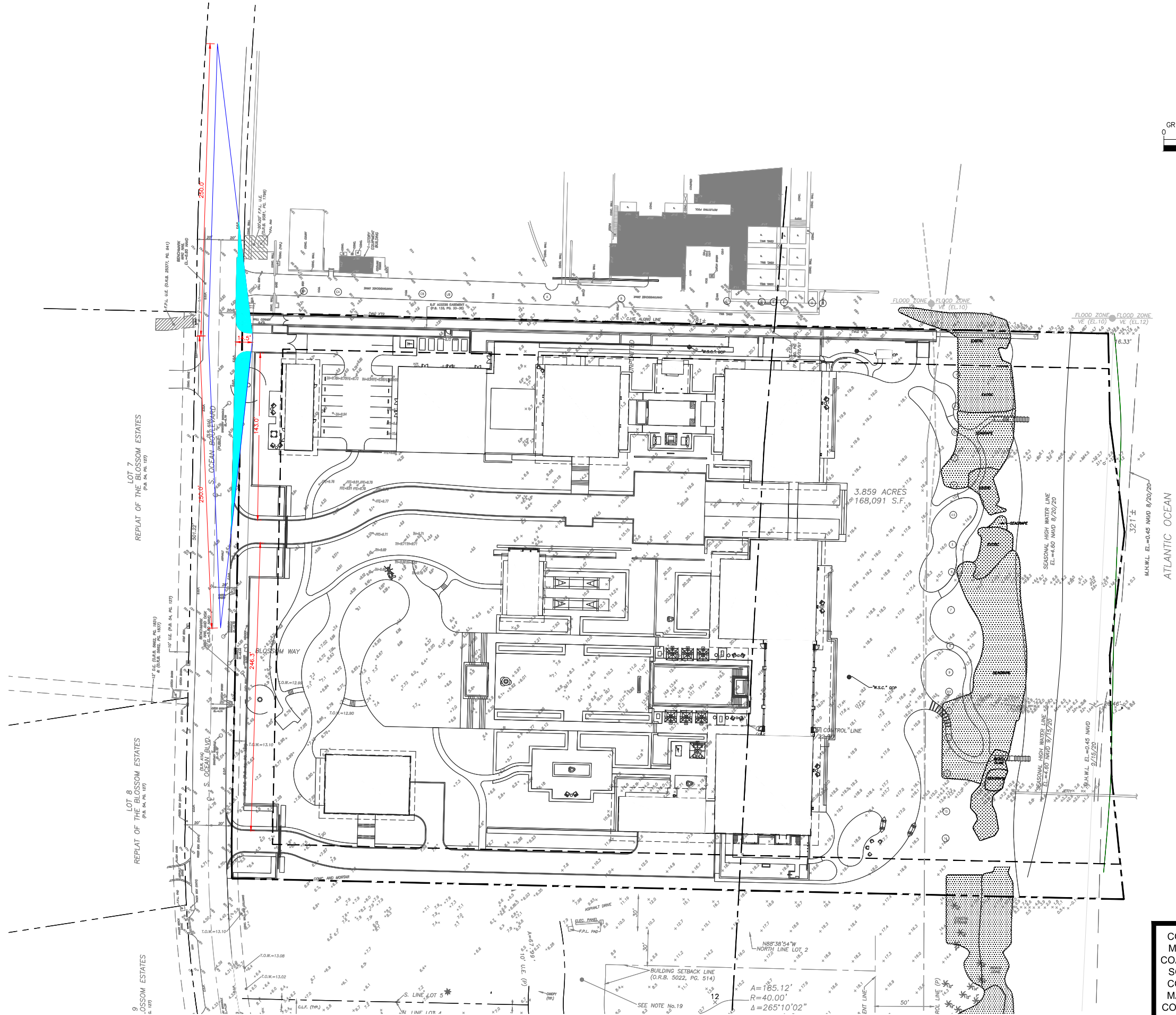
FDOT SIGHT TRIANGLE EXHIBIT OWNER DRIVEWAY

EX-2

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-063



Plotted By: Meyer, Lisandre Sheet Set: 60 BLOSSOM WAY Layout: Service - Sight Distance March 28, 2024 07:19:58pm K:\BDD\_Civil\144231002 - PB Resid - 60 Blossom\CAD\Exhibits\ARCOM FDOT Sight Triangle\2024.03.11 - FDOT Sight Triangle for Updated Base.dwg  
This document, together with the concepts and designs presented herein, is an instrument of service, and its use 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 attestation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



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 to  
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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ARCOM

04/15/2024

FDOT SIGHT TRIANGLE EXHIBIT SERVICE DRIVEWAY

EX-3

PREVIOUSLY APPROVED ARCOM CASE NUMBER: ARC-23-070 NEW ARCOM CASE NUMBER: ARC-24-063