



CITY OF DELRAY BEACH
100 N.W. 1st AVENUE, DELRAY BEACH, FL 33444

Solicitation Addendum

Addendum No.: 8

Solicitation No.: 2019-022

Project No.: 16-098

Solicitation Title: City Marina Construction

Addendum Date: March 27, 2019

Purchasing Contact: Ryan Lingholm, LingholmR@mydelraybeach.com

THIS ITBC IS HEREBY AMENDED AS SET FORTH HEREIN BELOW. THIS ADDENDUM NO. 8 IS HEREBY INCORPORATED IN AND MADE A PART OF ITBC NO. 2019-022.

ADD:

SECTION 2.7 PERMITTING

City permit fees shall be waived for this project. Additionally, Army Core of Engineers (ACOE) and Palm Beach County Health Department (PBCHD) permits have already been paid for by the City. Therefore, the awarded Bidder should not be responsible for any permit fees for this project.

REPLACE:

Exhibit A Drawings, Sheet Nos. C 1.0 and C 2.0

Sheet Nos. C 1.0 and C 2.0 are hereby replaced in their entirety with the attached revised Sheet Nos. C 1.0 and C 2.0. Revisions to these sheets are noted utilizing dotted line boxes.

REPLACE:

Exhibit A Drawings, Sheet No. C 3.0

Sheet No. C 3.0 is hereby replaced in its entirety with the attached revised Sheet No. C 3.0. Revisions to this sheet are noted utilizing a revision cloud.

REPLACE:

Exhibit A Drawings, Sheet No. C 4.1

Sheet No. C 4.1 is hereby replaced in its entirety with the attached revised Sheet No. C 4.1. Revisions to this sheet are noted utilizing a revision cloud.

REPLACE:

Exhibit A Drawings, Sheet No. G 5.0

Sheet No. G 5.0 is hereby replaced in its entirety with the attached revised Sheet No. G 5.0. Revisions to this sheet are noted utilizing dotted line boxes.

REPLACE:

Exhibit A Drawings, Sheet No. S4.2

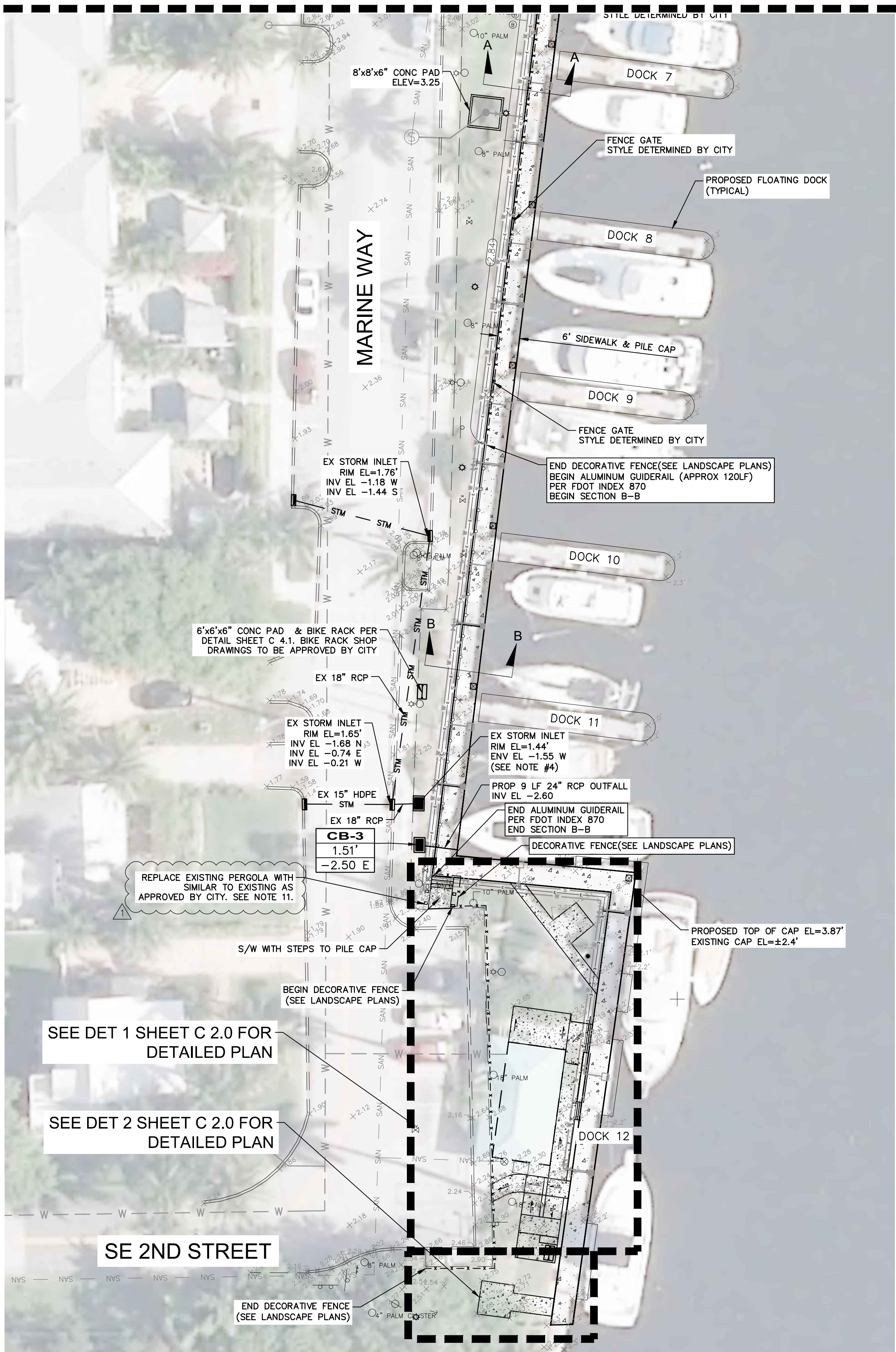
Sheet No. S4.2 is hereby replaced in its entirety with the attached revised Sheet No. S4.2. Revisions to this sheet are noted utilizing a revision cloud.

NOTE: Items that are ~~struck through~~ are deleted. Items that are underlined have been added. All other terms and conditions remain as stated in this solicitation.

End of Addendum**INSTRUCTIONS:**

Receipt of this addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the disqualification of Bidder's response.

SEE THIS SHEET FOR CONTINUATION

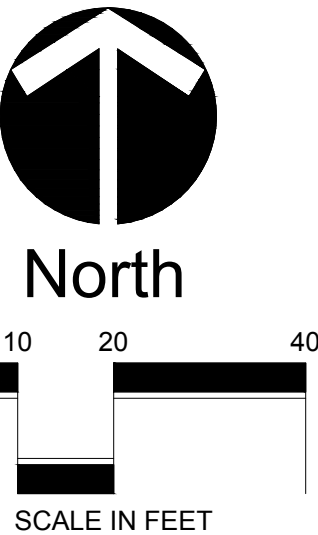
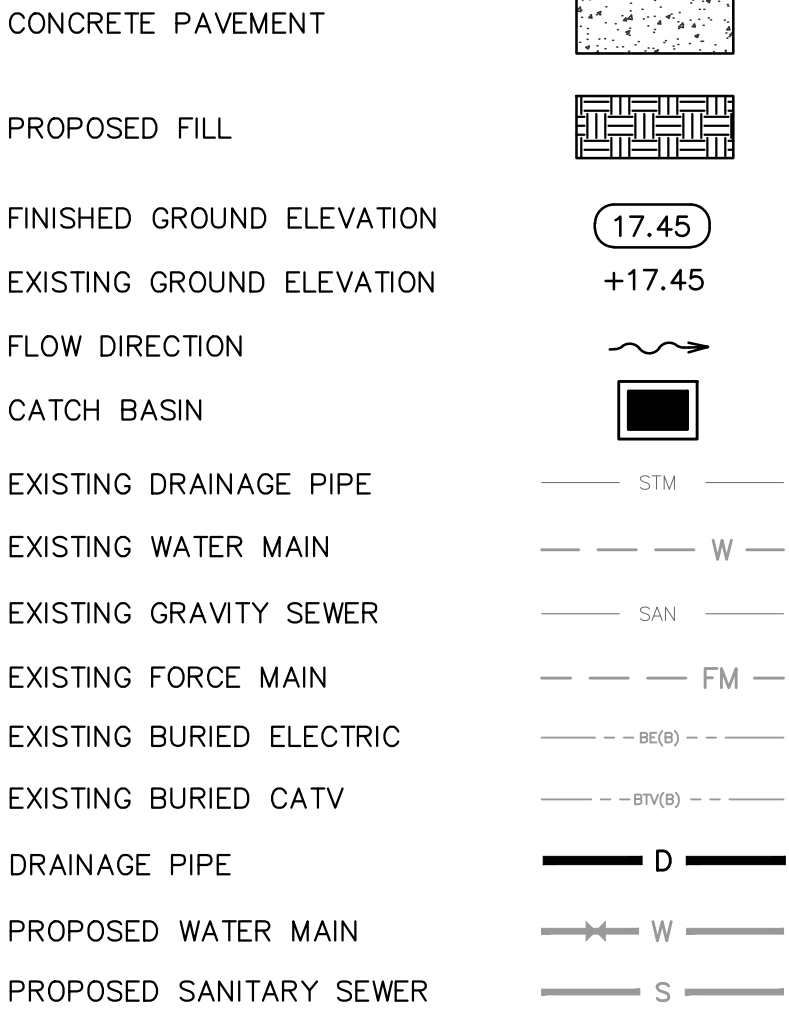


SE 1ST STREET



SEE THIS SHEET FOR CONTINUATION

LEGEND



NOTES

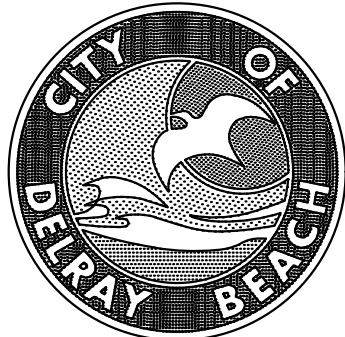
1. WASTOP INLINE CHECK VALVE, OR APPROVED EQUAL, TO BE INSTALLED AT ALL STORM OUTFALLS TO INTRACOASTAL.
2. THE ANNULAR SPACE BETWEEN THE SEAWALL AND ANY SEAWALL PROTRUSION SHALL BE SEALED WITH LINK-SEAL AS APPROVED BY THE CITY AND ENGINEER.
3. PROPOSED WALKWAYS TO BE ADA COMPLIANT; 5% MAX LONGITUDINAL SLOPE 2% MAX CROSS SLOPE.
4. PROPOSED GRATES SHALL BE FIBERGLASS, ALUMINUM(WITH BOND BREAKER), OR APPROVED EQUAL. GRATES OF ALL EXISTING DITCH BOTTOM INLETS TO REMAIN SHALL BE REPLACED WITH SAME MATERIAL AS PROPOSED INLETS .
5. STORM STRUCTURES SHALL RECEIVE BITUMINOUS EXTERIOR COATINGS IN COMPLIANCE WITH FDOT SECTIONS 459 AND 916.
6. CONTRACTOR SHALL PROVIDED SIGNED & SEALED STRUCTURAL PLANS AND CALCULATIONS FOR GAZEBOS AND PERGOLA CONFORMING WITH LATEST FLORIDA BUILDING CODE AND DESIGNED TO WITHSTAND MINIMUM 180MPH WIND SPEED. GAZEBO SHALL HAVE STANDING SEAM METAL ROOF.
7. BMP SNOOT SHALL BE INSTALLED WITH HARDWARE ALLOWING WASTOP INLINE CHECK VALVES TO BE REMOVED/SERVICED.
8. ALL STEPS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE MIN. 4" & 7" MAX. HEIGHT. TREAD DEPTH SHALL BE 11" MIN.
9. SEE SHEET C 2.0 FOR SECTIONS.
10. PROPOSED FILL SHALL BE CLEAN AND FREE OF DELETERIOUS MATERIAL AND BE OF SIMILAR COMPOSITION AS ADJACENT SOIL. CONTRACTOR SHALL SUBMIT SPECIFICATIONS FOR SOIL BROUGHT FROM OFFSITE TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION. SOIL SHALL BE SUITABLE FOR PROPOSED LANDSCAPING AND SHALL MEET STRUCTURAL PROPERTIES WHERE REQUIRED.
11. CONTRACTOR SHALL PROVIDED SIGNED & SEALED STRUCTURAL PLANS AND CALCULATIONS FOR GAZEBOS AND PERGOLA CONFORMING WITH FLORIDA BUILDING CODE, 2017 EDITION, AND DESIGNED TO WITHSTAND MINIMUM 180MPH WIND SPEED. GAZEBO SHALL HAVE STANDING SEAM METAL ROOF. CONTRACTOR SHALL OBTAIN HISTORIC PRESERVATION BOARD APPROVAL, IF REQUIRED.
12. MANATEE GRATES SHALL BE INSTALLED AT ALL SEAWALL OUTFALLS. SEE SHEET S4.2 FOR DETAIL.

DRAINAGE STRUCTURES

STRUCTURE	DOWNSTREAM PIPE Ø	BMP SNOOT	STRUCTURE TOP	STRUCTURE BOTTOM	BOTTOM EL	FDOT INDEX
CB-1	24"	30R	24"x36" GRATE	60" TYPE J ROUND	-5.50	200
CB-2	24"	30R	24"x36" GRATE	60" TYPE J ROUND	-5.50	200
CB-3	24"	30R	24"x36" GRATE	60" TYPE J ROUND	-5.50	200
CB-4	48"	72RTB96	5' Ø MANHOLE	96" TYPE J ROUND	-8.20	200
CB-5	24"	30R	5' Ø MANHOLE	60" TYPE J ROUND	-5.75	200



100% PLANS



CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444
Phone: (561) 243-7322 Fax: (561) 243-7060 www.myclaybeach.com

PREPARED BY:



2035 Vista Parkway
West Palm Beach, FL 33411
Phone No. 561.687.2220
Fax No. 561.687.1110
Cert No. 6091 - LB No. 7055

ENGINEER'S SEAL

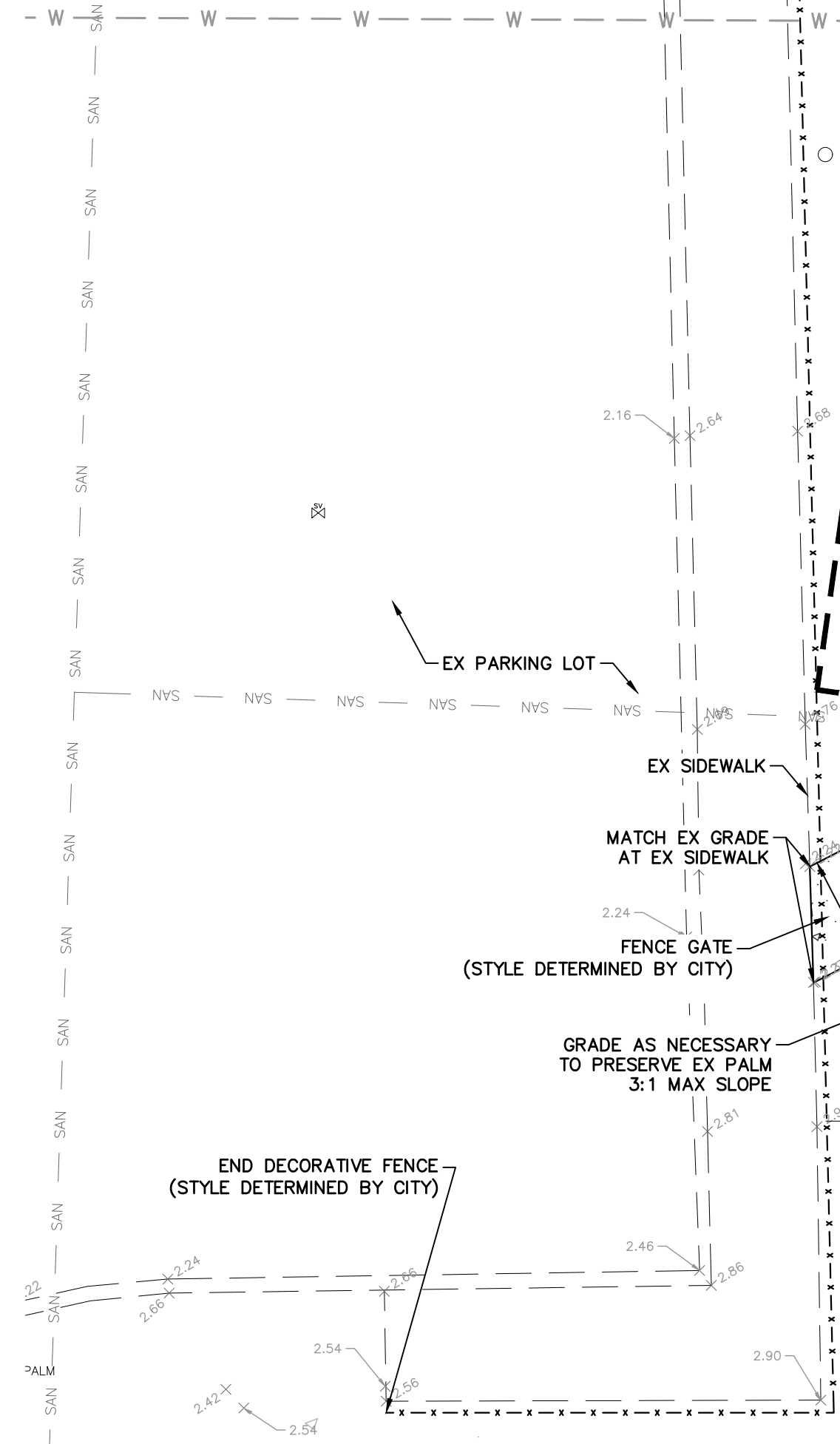
THOMAS MUELLER, PE
P.E., LIC. NO. 58119

DESIGNED BY	CAC	3-27-19	REMOV OF EX CB & PIPE. STRUCTURAL CLARIFICAT	
DRAWN BY	CAC			
CHECKED BY	TEM			
QC BY	SJC			
DATE	3/27/2019	REVISION	DATE	DESCRIPTION

THE CITY OF DELRAY BEACH
CITY MARINA: SEAWALL, DOCK, AND
SITE IMPROVEMENTS

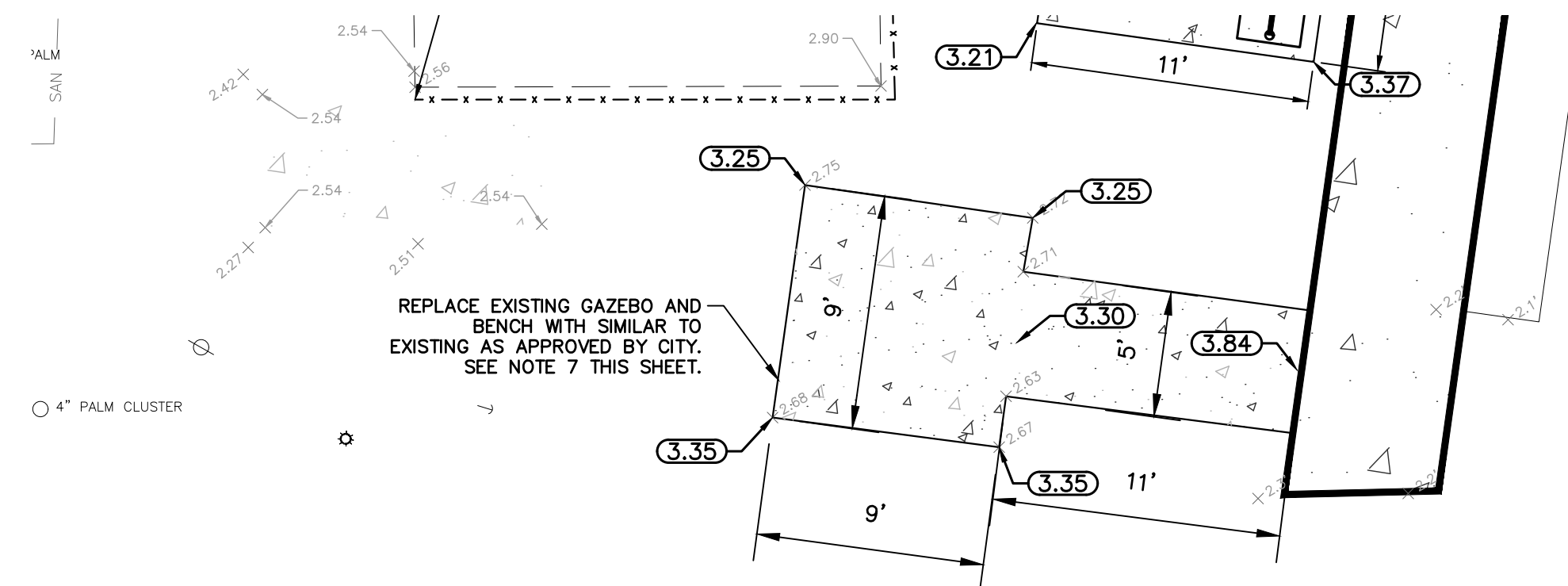
GRADING & DRAINAGE PLAN

PROJECT NO.	16-098
SHEET NO.	C 1.0 OF 36
FILE ID.	1004.33

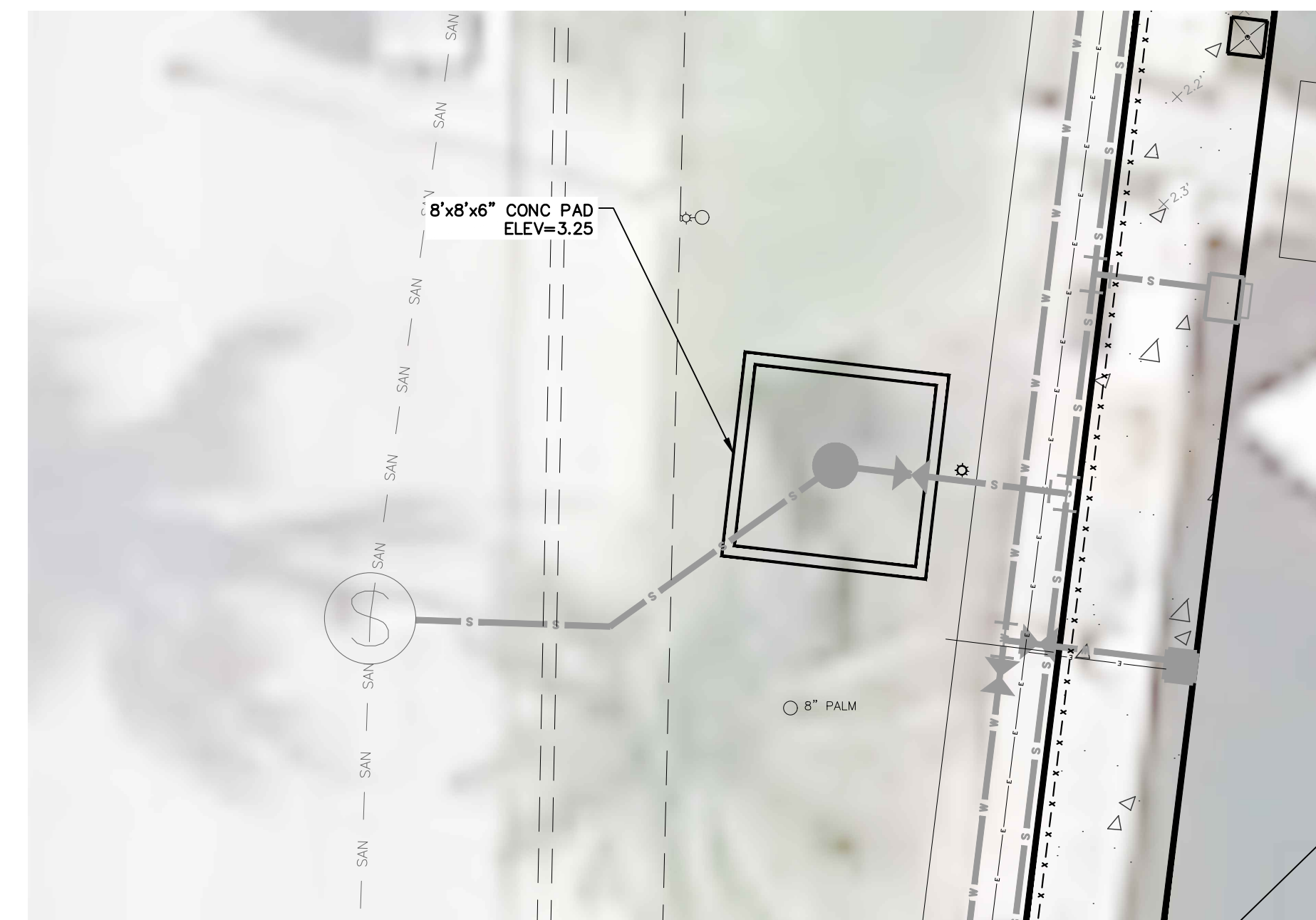


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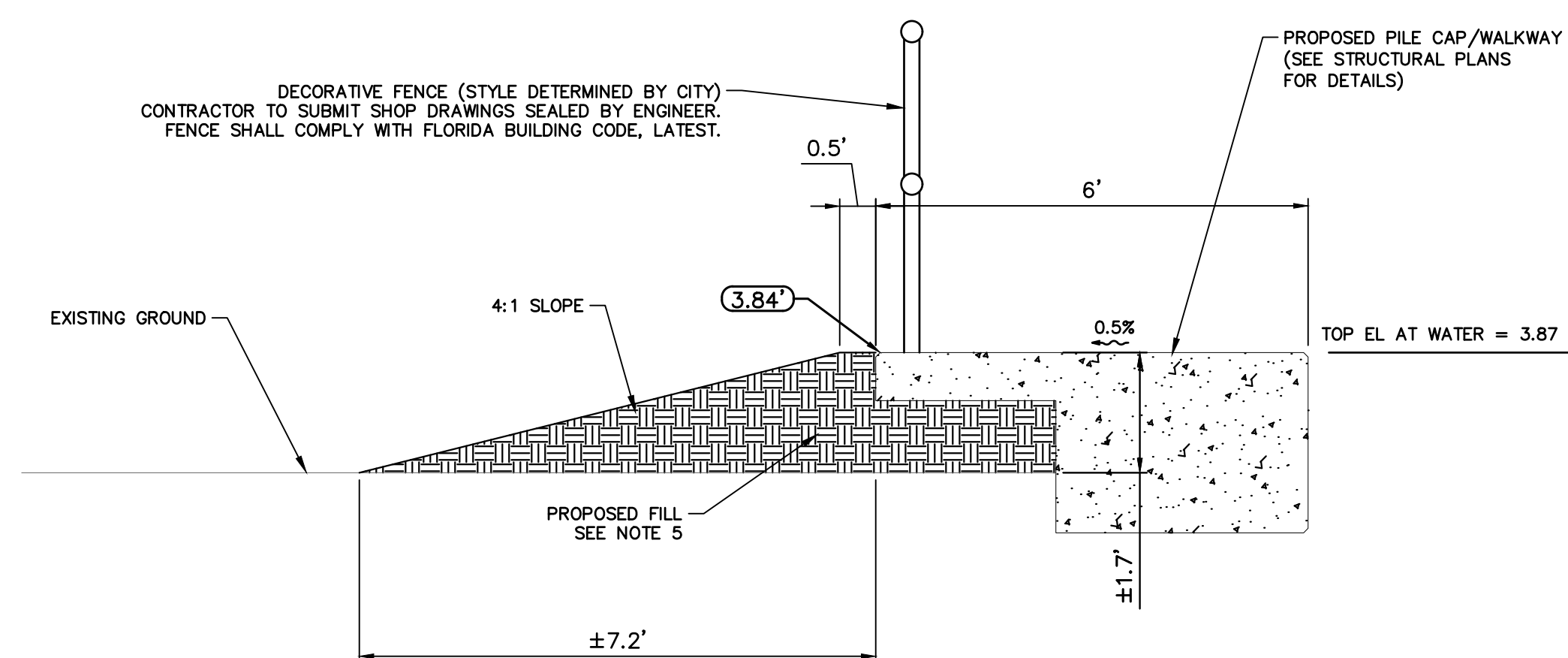
SEE THIS SHEET FOR CONTINUATION



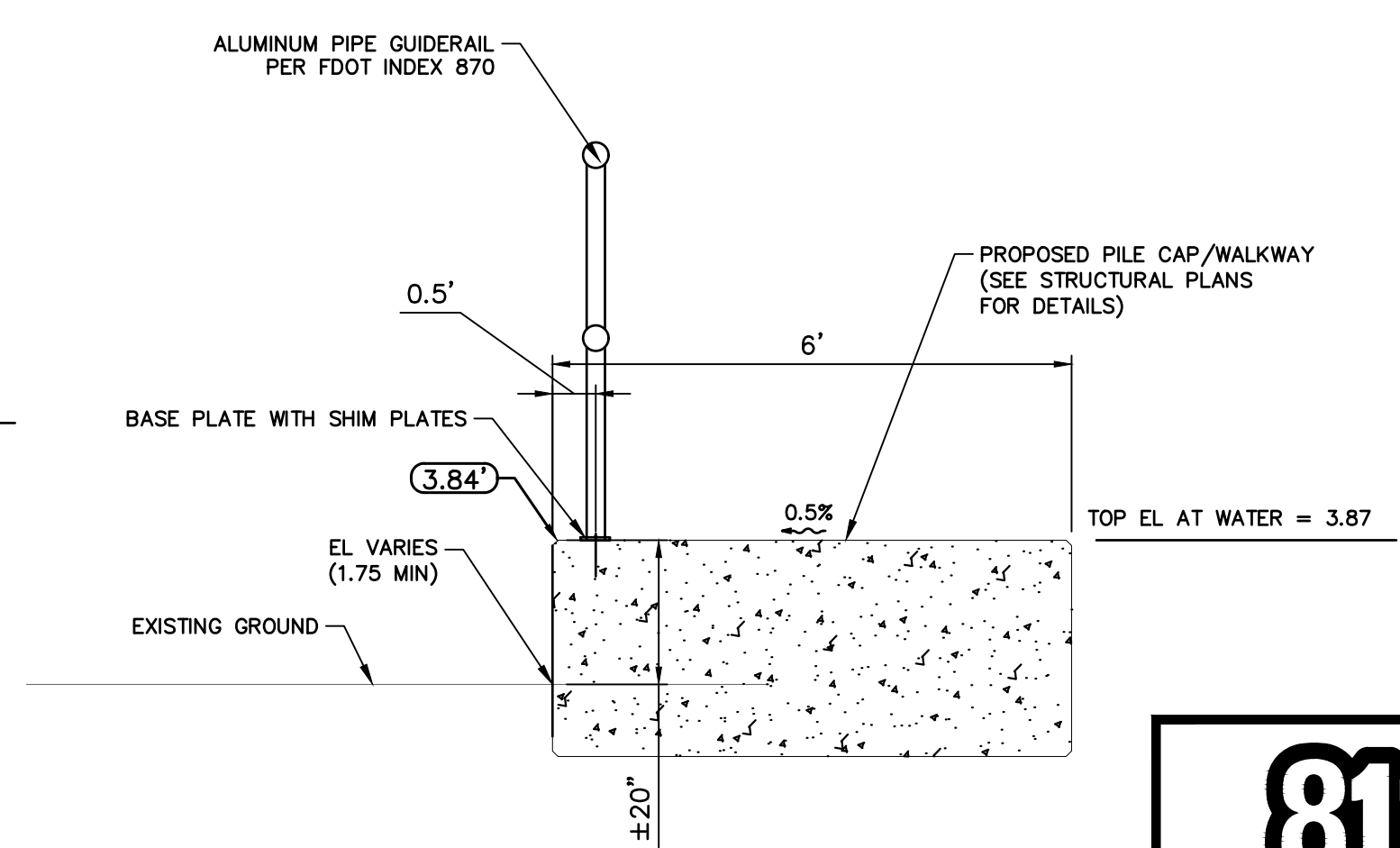
SCALE: 1"=6'



SCALE: 1"=6'



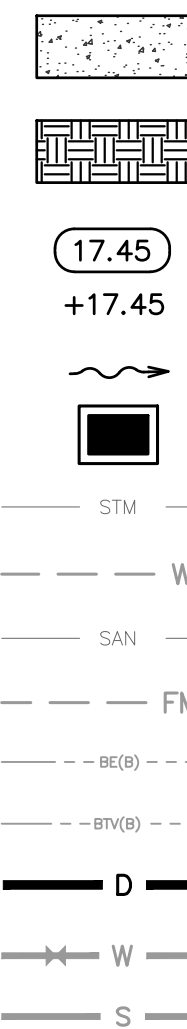
SCALE: N.T.S



SCALE: N.T.S

1. WASTOP INLINE CHECK VALVE AND BMP SNOUT OR OIL AND DEBRIS STOP OR APPROVED EQUAL, TO BE INSTALLED IN THE DISCHARGE PIPE OF THE DOWNSTREAM STRUCTURE FOR ALL STORM OUTFALLS TO INTRACOASTAL.
2. THE ANNULAR SPACE BETWEEN THE SEAWALL AND ANY SEAWALL PROTRUSION SHALL BE SEALED WITH LINK-SEAL AS APPROVED BY THE CITY AND ENGINEER.
3. PROPOSED WALKWAYS TO BE ADA COMPLIANT; 5% MAX LONGITUDINAL SLOPE
2% MAX CROSS SLOPE.
4. SECTION B-B TO BE USED WHERE FOOT RAILING IS PROPOSED.
5. PROPOSED FILL SHALL BE CLEAN AND FREE OF DELETERIOUS MATERIAL AND BE OF SIMILAR COMPOSITION AS ADJACENT SOIL. CONTRACTOR SHALL SUBMIT SPECIFICATIONS FOR SOIL BROUGHT FROM OFFSITE TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION. SOIL SHALL BE SUITABLE FOR PROPOSED LANDSCAPING AND SHALL MEET STRUCTURAL PROPERTIES WHERE REQUIRED.
6. ALL STEPS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE MIN. 4" & 7" MAX. HEIGHT. TREAD DEPTH SHALL BE 11" MIN.
7. CONTRACTOR SHALL PROVIDED SIGNED & SEALED STRUCTURAL PLANS AND CALCULATIONS FOR GAZEBO AND PERGOLA CONFORMING WITH FLORIDA BUILDING CODE, 2017 EDITION, AND DESIGNED TO WITHSTAND MINIMUM 180MPH WIND SPEED. GAZEBO SHALL HAVE STANDING SEAM METAL ROOF. CONTRACTOR SHALL OBTAIN HISTORIC PRESERVATION BOARD APPROVAL, IF REQUIRED.

CONCRETE PAVEMENT
PROPOSED FILL
FINISHED GROUND ELEVATION
EXISTING GROUND ELEVATION
FLOW DIRECTION
CATCH BASIN
EXISTING DRAINAGE PIPE
EXISTING WATER MAIN
EXISTING GRAVITY SEWER
EXISTING FORCE MAIN
EXISTING BURIED ELECTRIC
EXISTING BURIED CATV
DRAINAGE PIPE
PROPOSED WATER MAIN
PROPOSED SANITARY SEWER



100% PLANS

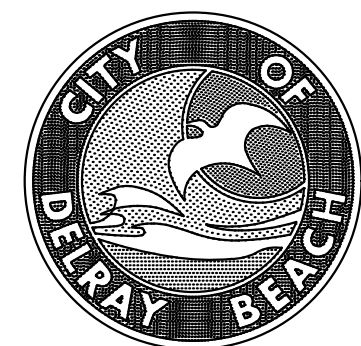


Know what's **below**.
Call before you dig

PROJECT NO.
16-098

SHEET NO.
C 2.0 OF 36

FILE ID.	1004.33
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CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT

434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444
Phone: (561) 243-7322 Fax: (561) 243-7060 www.mydelraybeach.com



2035 Vista Parkway
West Palm Beach, FL 33411
Phone No. 561.687.2220
Fax No. 561.687.1110
Cert No. 6091 - LB No. 7055

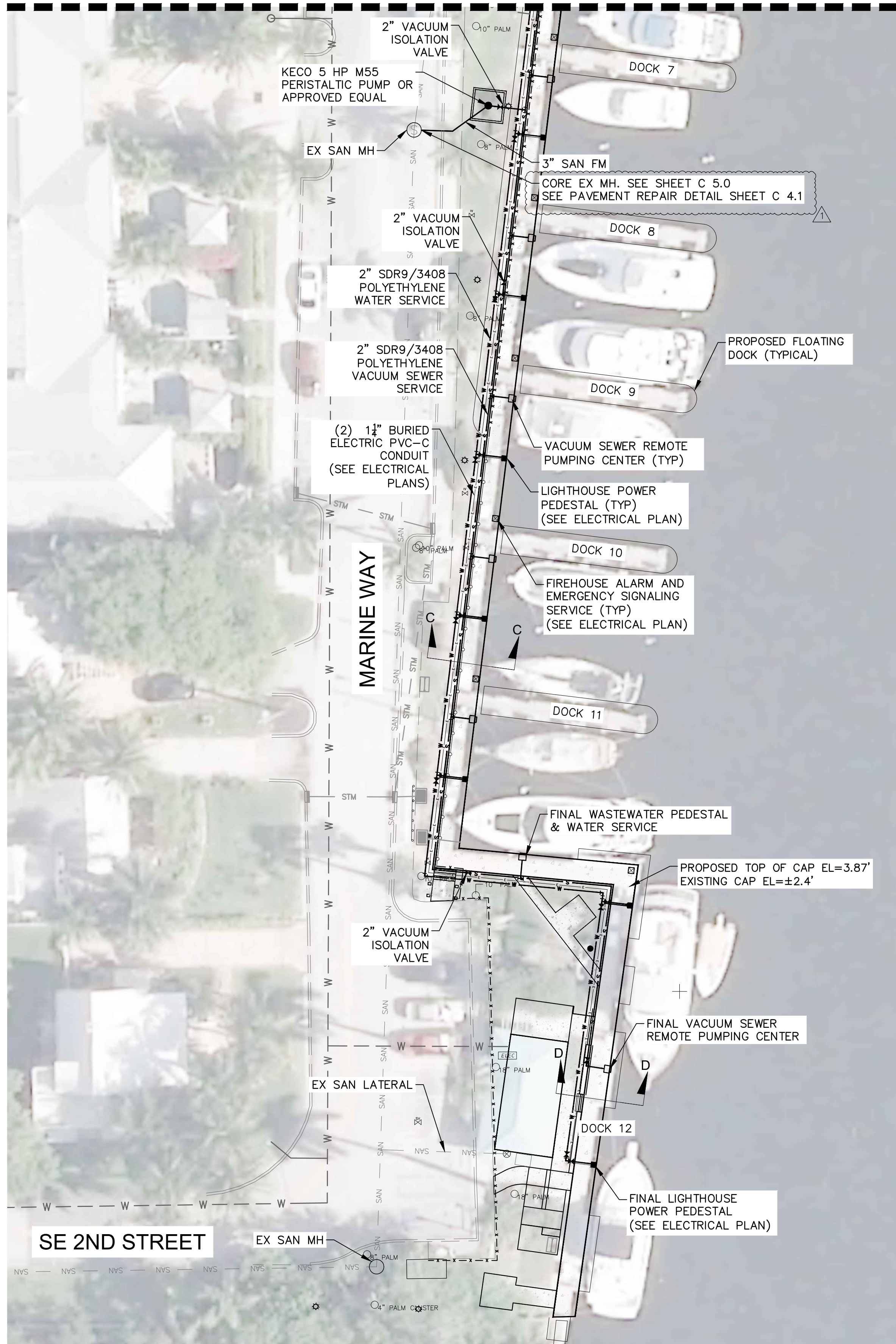
THOMAS MUELLER, PE
P.E., LIC. NO. 58119

DESIGNED BY	CAC		3-27-19	STRUCTURAL CLARIFICATION	
DRAWN BY	CAC				
CHECKED BY	TEM				
QC BY	SJC				
DATE	3/27/2019	REVISION	DATE	DESCRIPTION	BY

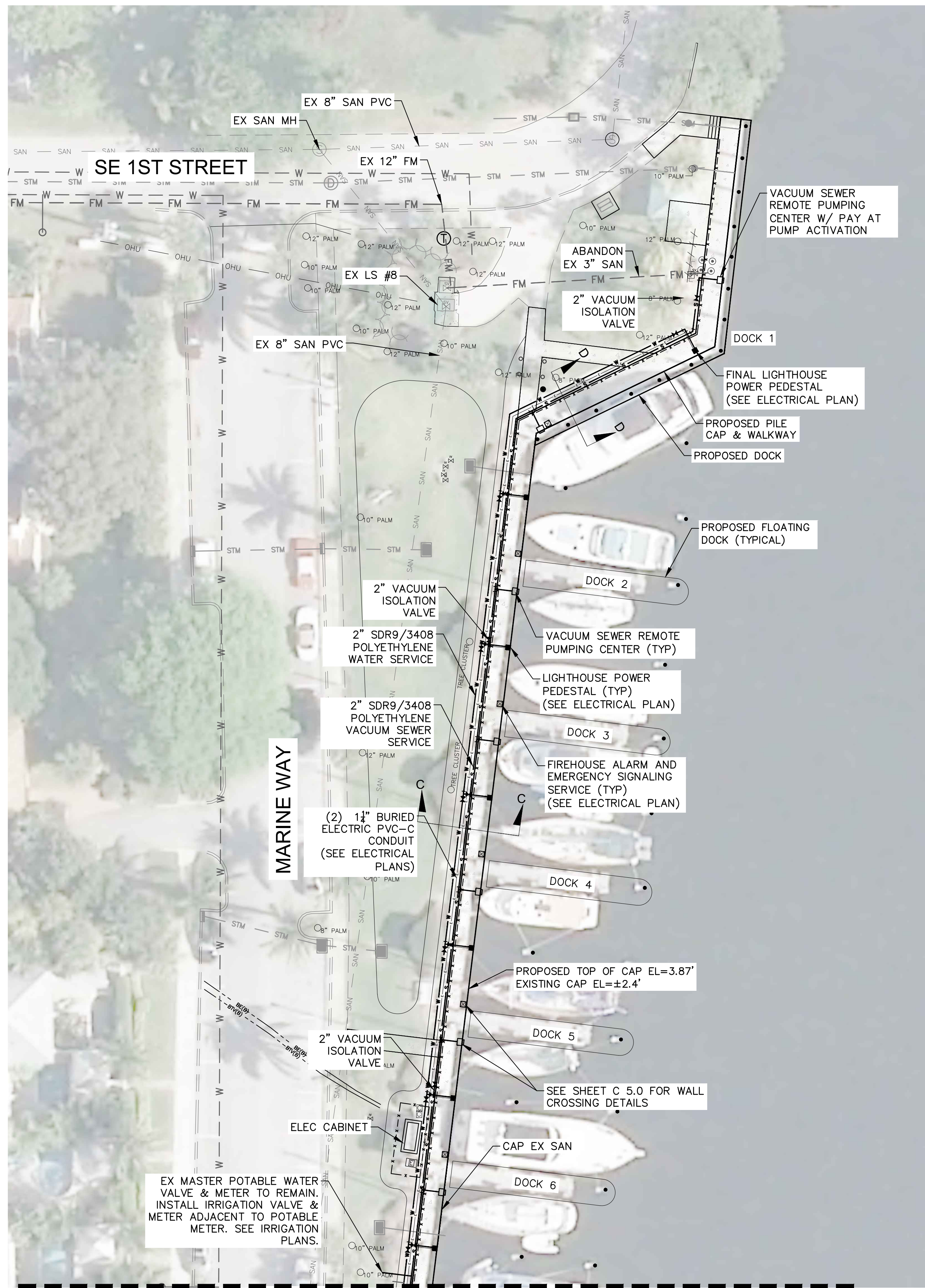
THE CITY OF DELRAY BEACH
CITY MARINA: SEAWALL, DOCK, AND
SITE IMPROVEMENTS

GRADING & DRAINAGE DETAILS

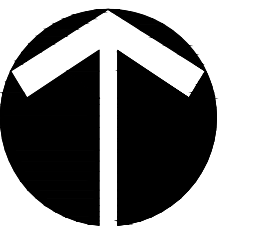
SEE THIS SHEET FOR CONTINUATION



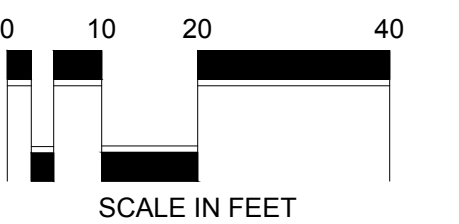
SE 1ST STREET



SEE THIS SHEET FOR CONTINUATION



North



SCALE IN FEET

LEGEND

EXISTING DRAINAGE PIPE	---
EXISTING WATER MAIN	---
EXISTING GRAVITY SEWER	---
EXISTING FORCE MAIN	---
EXISTING BURIED ELECTRIC	---
EXISTING BURIED CATV	---
DRAINAGE PIPE	D
PROPOSED WATER MAIN	W
PROPOSED SANITARY SEWER	S
VACUUM SEWER REMOTE PUMPING CENTER	□
LIGHTHOUSE POWER PEDISTAL	■
FIREHOUSE ALARM AND EMERGENCY SIGNALING SERVICE	⊠

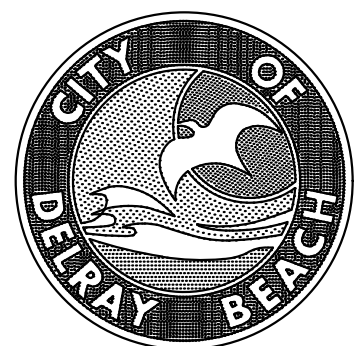
WATER & WASTEWATER NOTES

- SEE SHEET C 5.0 FOR WATER & WASTEWATER SECTIONS & DETAILS.
- ALL WATER AND VACUUM SEWER, OR ELECTRIC PIPE INSTALLED UNDER WALKWAY TO BE SLEEVED.
- ALL DRY AND WET UTILITY COMPONENTS SHALL BE NEW AND NOT EXISTING-RELOCATED.
- THE ANNULAR SPACE BETWEEN THE SEAWALL AND ANY SEAWALL PROTRUSION SHALL BE SEALED WITH LINK-SEAL AS APPROVED BY THE CITY AND ENGINEER.
- WATER AND WASTEWATER SERVICE PIPING SHALL HAVE A MIN COVER OF 1' UNLESS OTHERWISE STATED.
- FORCE MAIN SEPARATION TO PUBLIC WATER MAINS SHALL BE 6' MINIMUM IN ACCORDANCE WITH F.A.C. RULE 62-555.314.
- VACUUM BREAKERS SHALL BE INSTALLED ON ALL HOSE BIBS.

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PREPARED BY:



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West Palm Beach, FL 33411
Phone No. 561.687.2220
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Cert No. 6091 - LB No. 7055

ENGINEER'S SEAL

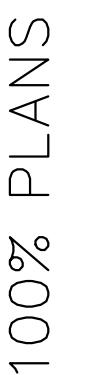
THOMAS MUELLER, PE
P.E., LIC. NO. 58119

DESIGNED BY	CAC	9-22-19	PAVEMENT RESTOR & HOSE BIB PER HEALTH DEPT	
DRAWN BY	CAC			
CHECKED BY	TEM			
QC BY	SJC			
DATE	3/26/2019	REVISION	DATE	DESCRIPTION

THE CITY OF DELRAY BEACH
CITY MARINA: SEAWALL, DOCK, AND
SITE IMPROVEMENTS


WATER & WASTEWATER PLAN

PROJECT NO.	16-098
SHEET NO.	C 3.0 OF 36
FILE ID.	1004.33



2035 Vista Parkway
West Palm Beach, FL 33411
Phone No. 561.687.2220
Fax No. 561.687.1110
Cert No. 6091 - LB No. 7055

THOMAS MUELLER, PE
P.E., LIC. NO. 58119

DESIGNED BY	SCC		3/26/19	ADDED DETAIL	
DRAWN BY	CAC				
CHECKED BY	TEM				
QC BY	SJC				
DATE	3/26/2019	REVISION	DATE	DESCRIPTION	

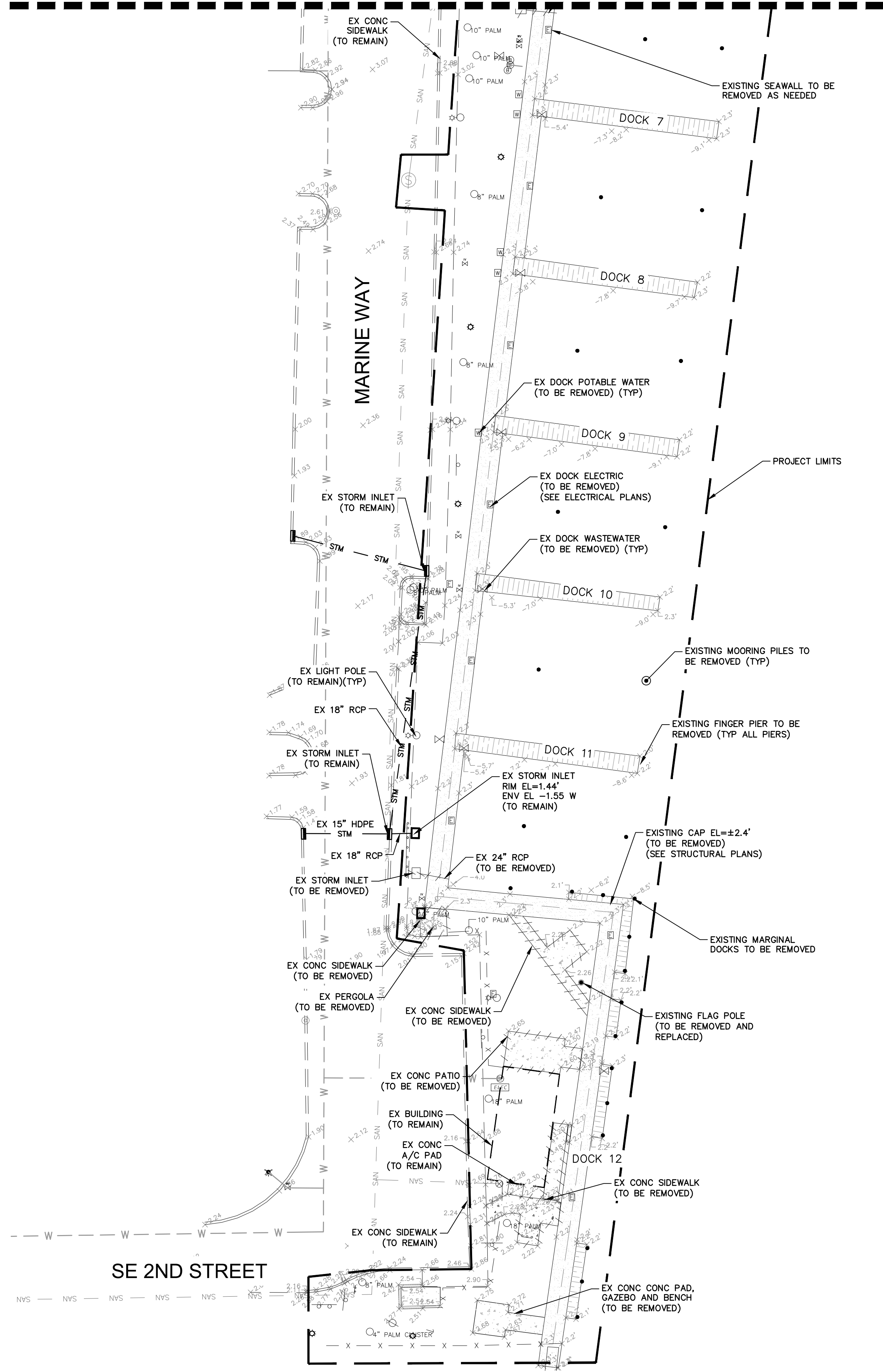
SITE DETAILS

PROJECT NO.
16-098

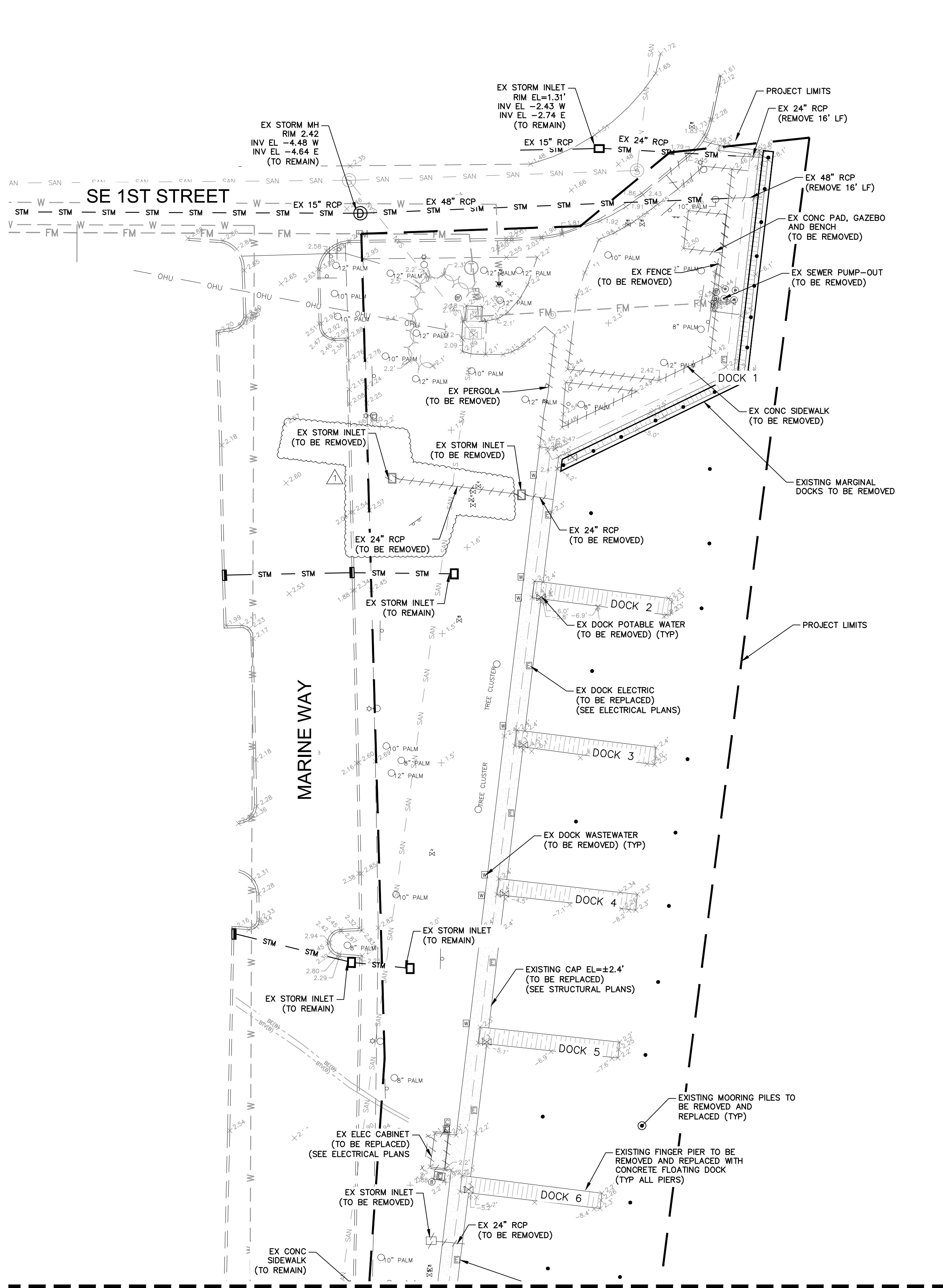
SHEET NO.
C 4.1 OF 36

FILE ID. 1004.33

SEE THIS SHEET FOR CONTINUATION

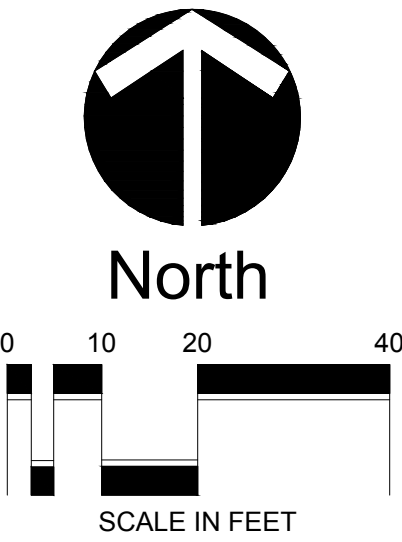


SE 2ND STREET



SE 1ST STREET

SEE THIS SHEET FOR CONTINUATION



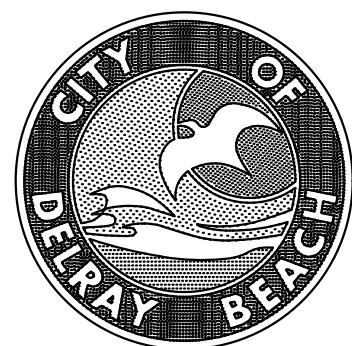
LEGEND

EXISTING GROUND ELEVATION	+17.45
CATCH BASIN	
PROJECT LIMITS	
EXISTING DRAINAGE PIPE	
EXISTING WATER MAIN	
EXISTING GRAVITY SEWER	
EXISTING FORCE MAIN	
EXISTING BURIED ELECTRIC	
EXISTING BURIED CATV	
TO BE REMOVED	

NOTES:

1. ALL DEMOLITION ACTIVITY TO OCCUR STRICTLY WITHIN PROJECT LIMITS.
2. THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES.
3. ALL UTILITY REMOVAL WORK SHALL BE COORDINATED WITH THEIR RESPECTIVE UTILITY OWNER PRIOR TO START OF WORK.
4. REFER TO STRUCTURAL SHEETS FOR SEAWALL & DOCK REMOVAL INFORMATION.
5. REFER TO LANDSCAPE SHEETS FOR TREE & LANDSCAPE REMOVAL OR RELOCATION INFORMATION.
6. REFER TO GRADING AND DRAINAGE SHEETS AND WATER AND WASTE WATER PLAN FOR PROPOSED UTILITY RELOCATION INFORMATION.
7. REFER TO ELECTRICAL SHEETS FOR LIGHT POLE AND SITE ELECTRIC REMOVAL/RELOCATION INFORMATION.

100% PLANS



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PUBLIC WORKS DEPARTMENT

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2035 Vista Parkway
West Palm Beach, FL 33411
Phone No. 561.687.2220
Fax No. 561.687.1110
Cert No. 6091 - LB No. 7055

ENGINEER'S SEAL

THOMAS MUELLER, PE
P.E., LIC. NO. 58119

DESIGNED BY	CAC	3-22-19	REMOVAL OF EXISTING STRUCTURE	
DRAWN BY	CAC			
CHECKED BY	TEM			
QC BY	SJC			
DATE	1/11/2019	REVISION	DATE	DESCRIPTION

THE CITY OF DELRAY BEACH
CITY MARINA: SEAWALL, DOCK, AND
SITE IMPROVEMENTS

DEMOLITION PLAN

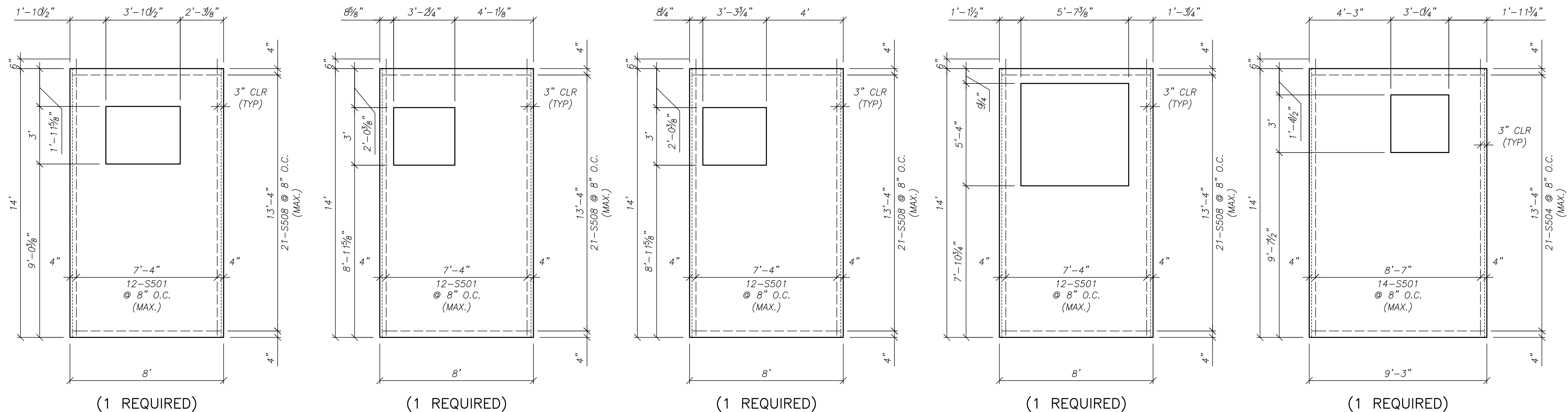
PROJECT NO.

16-098

SHEET NO.

G 5.0 OF 36

FILE ID. 1004.33



(1 REQUIRED)

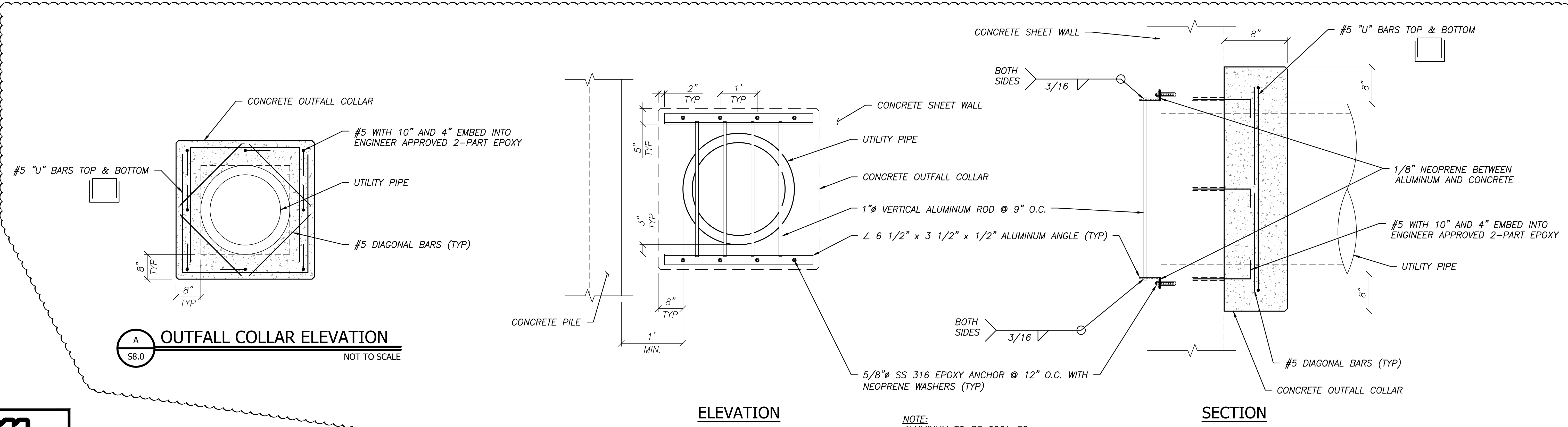
(1 REQUIRED)

(1 REQUIRED)

(1 REQUIRED)

(1 REQUIRED)

1 8" THICK SHEET PILE DETAILS
S4.2 NOT TO SCALE



A OUTFALL COLLAR ELEVATION
S8.0 NOT TO SCALE

ELEVATION

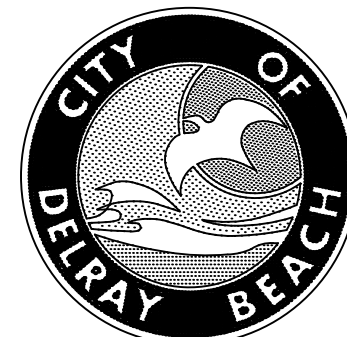
NOTE:
ALUMINUM TO BE 6061-T6.

SECTION

2 CULVERT MANATEE PROTECTION GRATE
S8.0 NOT TO SCALE



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PREPARED BY:
WGI
2035 Vista Parkway
West Palm Beach, FL 33411
Phone No. 561.687.2220
Fax No. 561.687.1110
Cert No. 6091 - LB No. 7055
ENGINEERING // SURVEYING // ENVIRONMENTAL // PLANNING

ENGINEER'S SEAL
TIMOTHY A. DeLAND
P.E., LIC. NO. 71588

DESIGNED BY	TAD				
DRAWN BY	DAM				
CHECKED BY	TAD				
DATE	DECEMBER 2018	REVISION	DATE	DESCRIPTION	BY
		1	3-14-19	PIPE COLLAR DETAILS	DAM

THE CITY OF DELRAY BEACH
CITY MARINA: SEAWALL, DOCK, AND
SITE IMPROVEMENTS
SHEET PILE DETAILS

PROJECT NO.
16-098
SHEET NO.
S4.2 OF 36
FILE ID. 1004.20

100% PLANS