

**Work Order Signature Document****NJPA EZIQc Contract No.: FL-SEA-GC02-041019-SCD**☒**New Work Order**☐**Modify an Existing Work Order**

Work Order Number.: 069470.00

Work Order Date: 07/18/2019

Work Order Title: Delray Beach Memorial Park Expansion

Owner Name: SOURCEWELL - FL - Delray Beach

Contractor Name: Shiff Construction &amp; Development, Inc.

Contact: Cynthia Fuentes

Contact: Justen Shiff

Phone: 561-243-7196

Phone: 9545242575

**Work to be Performed**

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of NJPA EZIQc Contract No FL-SEA-GC02-041019-SCD.

Brief Work Order Description:

Memorial Park Cemetery Expansion

**Time of Performance**

Estimated Start Date:

Estimated Completion Date:

**Liquidated Damages**Will apply: ☐Will not apply: ☒**Work Order Firm Fixed Price: \$421,783.45**

Owner Purchase Order Number:

**Approvals**\_\_\_\_\_  
Owner\_\_\_\_\_  
Date\_\_\_\_\_  
Contractor\_\_\_\_\_  
Date

## Detailed Scope of Work

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**To:** Justen Shiff  
Shiff Construction & Development, Inc.  
1350 NE 56th St -Ste. 100  
Fort Lauderdale, FL 33334  
9545242575

**From:** Cynthia Fuentes  
SOURCEWELL - FL - Delray Beach  
100 NW 1st Ave  
Delray Beach, FL 33444  
561-243-7196

**Date Printed:** July 18, 2019

**Work Order Number:** 069470.00

**Work Order Title:** Delray Beach Memorial Park Expansion

**Brief Scope:** Memorial Park Cemetery Expansion

☐

Preliminary

☐

Revised

☒

Final

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The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

This proposal is based on plans and specifications provided by Eckler Engineering dated Feb 1 2019 as follows Sheet 1 Dated Feb 1 2019 Sheet 2 Dated Feb 1 2019 Sheet 3 Dated Feb 1 2019 Sheet 4 Dated Feb 1 2019 Sheet 5 Dated Feb 1 2019 Sheet 6 Dated Feb 1 2019 Sheet 7 Dated Feb 1 2019 Sheet 8 Dated Feb 1 2019 Sheet 9 Dated Feb 1 2019 Sheet 10 Dated Feb 1 2019 Sheet 11 Dated Feb 1 2019 Sheet 12 Dated Feb 1 2019 Sheet 13 Dated Feb 1 2019 Sheet 14 Dated Feb 1 2019 Sheet 15 Dated Feb 1 2019

Subject to the terms and conditions of JOC Contract **FL-SEA-GC02-041019-SCD**.

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Contractor

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Date

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Owner

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Date

## Contractor's Price Proposal - Summary

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**Date:** July 18, 2019

**Re:** IQC Master Contract #: FL-SEA-GC02-041019-SCD  
Work Order #: 069470.00  
Owner PO #:  
Title: Delray Beach Memorial Park Expansion  
Contractor: Shiff Construction & Development, Inc.  
Proposal Value: \$421,783.45

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<b>01-Survey Crew</b>	<b>\$14,921.90</b>
<b>02- Silt Fence</b>	<b>\$4,531.38</b>
<b>02-Building Demolition</b>	<b>\$10,308.26</b>
<b>32-Curbing</b>	<b>\$16,397.66</b>
<b>32-Parking</b>	<b>\$97,658.47</b>
<b>33-Bahia Sod</b>	<b>\$75,032.21</b>
<b>33-Drainage</b>	<b>\$27,775.86</b>
<b>33-Removals &amp; Clearing</b>	<b>\$175,157.71</b>
<b>Proposal Total</b>	<b>\$421,783.45</b>

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This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

# Contractor's Price Proposal - Detail

Date: July 18, 2019

Re: IQC Master Contract #: FL-SEA-GC02-041019-SCD  
 Work Order #: 069470.00  
 Owner PO #:  
 Title: Delray Beach Memorial Park Expansion  
 Contractor: Shiff Construction & Development, Inc.  
 Proposal Value: \$421,783.45

Sect.	Item	Mod.	UOM	Description	Line Total
Labor	Equip.	Material	(Excludes)		
<b>01-Survey Crew</b>					
1	01 22 20 00 0049		HR	Surveyor (Rod person)	\$14,921.90
				Installation	
			Quantity	Unit Price	Factor
			360.00	40.36	1.0270
			x	x	=
					Total
					14,921.90
				Survey Crew to set all grades and survey and pin plots. City to provide all markers.	
<b>Subtotal for 01-Survey Crew</b>					<b>\$14,921.90</b>
<b>02- Silt Fence</b>					
2	31 25 14 26 0008		LF	3' High Silt Fence with Stakes at 4' On Center	\$3,625.10
				Installation	
			Quantity	Unit Price	Factor
			2,385.00	1.48	1.0270
			x	x	=
					Total
					3,625.10
3	31 25 14 26 0017		LF	Removal Of Silt Fence And Stakes	\$906.28
				Installation	
			Quantity	Unit Price	Factor
			2,385.00	0.37	1.0270
			x	x	=
					Total
					906.28
<b>Subtotal for 02- Silt Fence</b>					<b>\$4,531.38</b>
<b>02-Building Demolition</b>					
4	01 74 19 00 0015		EA	30 CY Dumpster (6 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$1,646.12
				Installation	
			Quantity	Unit Price	Factor
			2.00	801.42	1.0270
			x	x	=
					Total
					1,646.12
				2- 30 cy dumpster for removal of demolished shed	
5	02 41 16 13 0012		CCF	By Machine, Reinforced Concrete Building Demolition	\$8,248.25
				Installation	
			Quantity	Unit Price	Factor
			260.00	30.89	1.0270
			x	x	=
					Total
					8,248.25
				Demo 260SF concrete shed. 260X10/100=260 CCF	
6	02 41 16 13 0012 0004		MOD	For Up To 500, Add	\$2,475.28
				Installation	
			Quantity	Unit Price	Factor
			260.00	9.27	1.0270
			x	x	=
					Total
					2,475.28
7	02 41 16 13 0012 0011		MOD	For No Interior Partitions, Deduct	-\$2,061.39
				Installation	
			Quantity	Unit Price	Factor
			260.00	-7.72	1.0270
			x	x	=
					Total
					-2,061.39
<b>Subtotal for 02-Building Demolition</b>					<b>\$10,308.26</b>
<b>32-Curbing</b>					
8	32 16 13 13 0008		LF	6" x 18" Cast In Place Concrete Curb	\$16,397.66
				Installation	
			Quantity	Unit Price	Factor
			1,367.00	11.68	1.0270
			x	x	=
					Total
					16,397.66
				D Curb at new roads	
<b>Subtotal for 32-Curbing</b>					<b>\$16,397.66</b>

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 069470.00

Work Order Title: Delray Beach Memorial Park Expansion

### 32-Parking

9	32 11 16 16 0009	SY	12" Crushed Aggregate Base Course For Roadways And Parking Areas						\$32,731.52
		Installation	Quantity	Unit Price	Factor	=	Total		
			1,450.00 x	21.98 x	1.0270	=	32,731.52		
			13,044/9=1,450SY						
10	32 11 29 13 0003	SY	8" Thick FDOT Limerock						\$30,006.37
		Installation	Quantity	Unit Price	Factor	=	Total		
			1,450.00 x	20.15 x	1.0270	=	30,006.37		
11	32 12 13 13 0002	SY	Tack Coat, 0.05 Gallon/SY						\$610.55
		Installation	Quantity	Unit Price	Factor	=	Total		
			1,450.00 x	0.41 x	1.0270	=	610.55		
12	32 12 13 19 0002	SY	Surface Prime Coat, 0.28 Gallon/SY						\$1,846.55
		Installation	Quantity	Unit Price	Factor	=	Total		
			1,450.00 x	1.24 x	1.0270	=	1,846.55		
13	32 12 16 13 0028	SY	1-1/2" Thick Base Course, S-I And S-III						\$16,231.74
		Installation	Quantity	Unit Price	Factor	=	Total		
			1,450.00 x	10.90 x	1.0270	=	16,231.73		
14	32 12 16 13 0053	SY	1-1/2" Thick Traffic C, S-I And S-III						\$16,231.74
		Installation	Quantity	Unit Price	Factor	=	Total		
			1,450.00 x	10.90 x	1.0270	=	16,231.73		

Subtotal for 32-Parking

**\$97,658.47**

### 33-Bahia Sod

15	32 92 23 00 0050	MSF	>8,000 SF, Bahia Argentine Sod, Installed On Level Ground						\$75,032.21
		Installation	Quantity	Unit Price	Factor	=	Total		
			120.00 x	608.83 x	1.0270	=	75,032.21		

Subtotal for 33-Bahia Sod

**\$75,032.21**

### 33-Drainage

16	01 22 23 00 0359	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator						\$14,101.55
		Installation	Quantity	Unit Price	Factor	=	Total		
			2.00 x	6,865.41 x	1.0270	=	14,101.55		
17	31 05 16 00 0004	CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)						\$6,769.16
		Installation	Quantity	Unit Price	Factor	=	Total		
			140.00 x	47.08 x	1.0270	=	6,769.16		
			#4 rock for exfiltration trench						
18	33 41 16 00 0013	LF	12" Perforated Non Reinforced Concrete Drainage Pipe						\$3,349.36
		Installation	Quantity	Unit Price	Factor	=	Total		
			105.00 x	31.06 x	1.0270	=	3,349.36		
			(105') 15" slatted RCP pipe						
19	33 41 16 00 0019	LF	15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe						\$413.92
		Installation	Quantity	Unit Price	Factor	=	Total		
			16.00 x	25.19 x	1.0270	=	413.92		
20	33 42 11 00 0282	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe						\$328.64
		Installation	Quantity	Unit Price	Factor	=	Total		
			16.00 x	20.00 x	1.0270	=	328.64		
			15" HDPE solid pipe						

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 069470.00

Work Order Title: Delray Beach Memorial Park Expansion

### 33-Drainage

21	33 42 11 00 0333	LF	15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe						\$331.27
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			16.00		20.16		1.0270		331.27
22	33 42 31 00 0250	EA	2' x 3'-1" x 8' Deep, FDOT Type C Ditch Bottom Structure						\$2,481.96
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			1.00		2,416.71		1.0270		2,481.96

### Subtotal for 33-Drainage

**\$27,775.86**

### 33-Removals & Clearing

23	01 22 20 00 0015	HR	LaborerFor tasks not included in the Construction Task Catalog® and as directed by owner only.						\$13,738.80
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			360.00		37.16		1.0270		13,738.80
			Hand labor to assist equipment in clearing and shaping.						
24	01 71 13 00 0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.						\$656.49
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			1.00		639.23		1.0270		656.49
25	01 74 19 00 0032	CY	Trees, Stumps And Brush, Landfill Dump Fee						\$50,152.52
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			1,800.00		27.13		1.0270		50,152.52
			Dump fee for all organic materials removed. Any left over fill material to be left on site in area designated by Owner.						
26	01 74 19 00 0038	CYM	Hauling On Paved Roads, First 15 Miles						\$16,637.40
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			27,000.00		0.60		1.0270		16,637.40
			1800CY removed to dump site; 1800*15=27,000CYM						
27	31 23 16 33 0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine						\$46,862.01
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			13,000.00		3.51		1.0270		46,862.01
28	31 23 16 33 0009 0006	MOD	For >1,000, Deduct						-\$7,076.03
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			13,000.00		-0.53		1.0270		-7,076.03
29	31 23 16 33 0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'						\$56,207.71
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			13,000.00		4.21		1.0270		56,207.71
30	31 23 16 33 0012 0006	MOD	For >1,000, Deduct						-\$8,411.13
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			13,000.00		-0.63		1.0270		-8,411.13

Contractor's Price Proposal - Detail Continues..

Work Order Number: 069470.00  
Work Order Title: Delray Beach Memorial Park Expansion

33-Removals & Clearing											
31	31	23	16	33	0016	SY	Finish Grading for Bulk Excavation by Machine			\$6,389.94	
						Installation	Quantity	Unit Price	Factor	Total	
							17,777.00	x	0.35	x	1.0270 = 6,389.94
						160,000SF/9					
Subtotal for 33-Removals & Clearing										\$175,157.71	
Proposal Total										\$421,783.45	

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

## Subcontractor Listing

**Date:** July 18, 2019

**Re:** IQC Master Contract #: FL-SEA-GC02-041019-SCD  
Work Order #: 069470.00  
Owner PO #:  
Title: Delray Beach Memorial Park Expansion  
Contractor: Shiff Construction & Development, Inc.  
Proposal Value: \$421,783.45

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00

FINAL SUBMITTAL

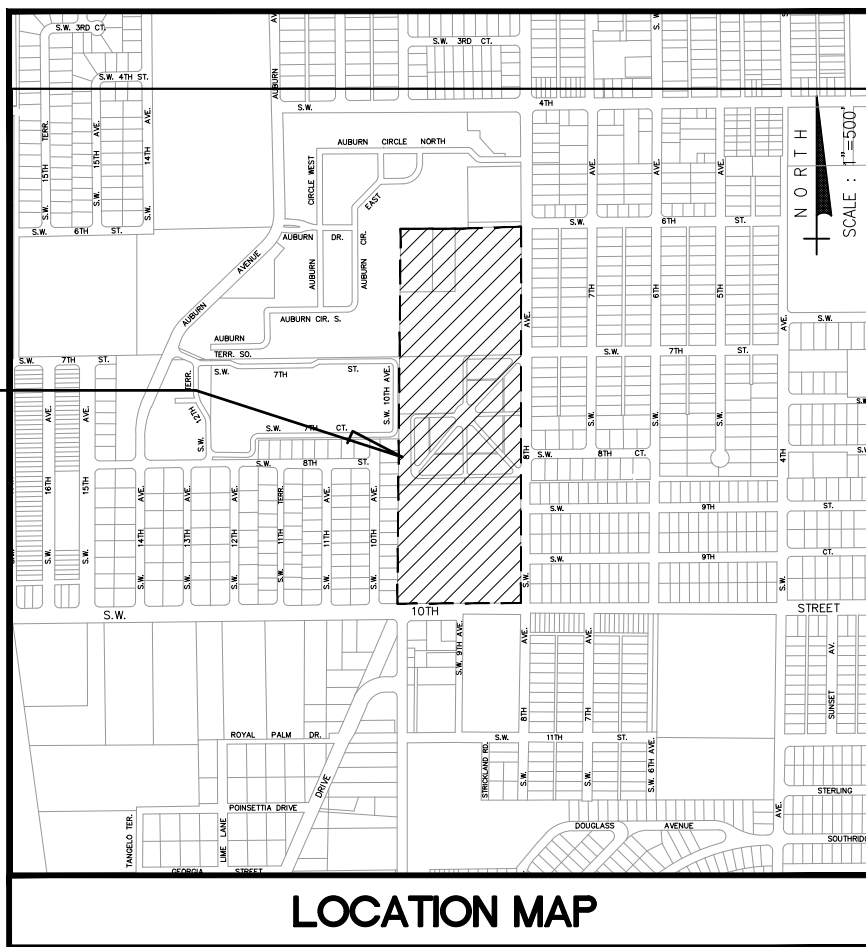
# Project No. 18-020

# INDEX TO DRAWINGS

DWG NO.	OF	TOTAL DWGS	DESCRIPTION
1	OF	15	COVER SHEET
2	OF	15	GENERAL NOTES LEGENDS AND ABBREVIATIONS
3	OF	15	LEGENDS AND SYMBOLS
4	OF	15	SPECIFICATIONS
5	OF	15	MEDITATION AREAS OVERALL SITE PLAN
6	OF	15	MEDITATION AREAS DEMOLITION PLAN
7	OF	15	MEDITATION AREAS BLOCK AND PLOT NUMBERING
8	OF	15	WEST AREA OVERALL SITE PLAN
9	OF	15	WEST AREA DEMOLITION PLAN
10	OF	15	WEST AREA GRADING PLAN
11	OF	15	WEST AREA BLOCK AND PLOT NUMBERING (SHEET 1)
12	OF	15	WEST AREA BLOCK AND PLOT NUMBERING (SHEET 2)
13	OF	15	WEST AREA BLOCK AND PLOT COORDINATE TABLES
14	OF	15	STANDARD DETAILS – SHEET 1
15	OF	15	STANDARD DETAILS – SHEET 2

## PROJECT AREA

DELRAY BEACH  
MEMORIAL GARDENS  
MUNICIPAL CEMETERY  
700 SW 8TH AVENUE  
DELRAY BEACH, FL 33446



DELRAY BEACH CITY OFFICIALS

Mayor  
Vice-Mayor  
Deputy Vice-Mayor  
Commissioner  
Commissioner

Shelly Petrolia  
Shirley Johnson  
Bill Bathurst  
Adam Frankel  
Ryan Boylston

**E** ECKLER ENGINEERING

## CONSULTANTS

SURVEYING:  
AVIROM AND ASSOCIATES, INC.- CA NO. LB3300  
50 SW 2ND AVENUE, SUITE 102  
BOCA RATON, FL. 33432

THESE DOCUMENTS  
PREPARED BY  
 **ECKLER ENGINEERING, INC.**  
4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067  
(954) 510-4700 - EB NO. 7803



# CITY of DELRAY BEACH

**434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444**

**Phone: (561) 243-7322 Fax: (561) 243-7314 [www.mydelraybeach.com](http://www.mydelraybeach.com)**

ENGINEER'S SEAL

# DELRAY BEACH MEMORIAL GARDENS PLOT LAYOUT

CITY OF DELRAY BEACH

COVER SHEET

DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

PROJECT NO.  
**215-003.01**

DATE \_\_\_\_\_

**FEB. 1, 2019**

FILE ID. 215-003.01\_G-00



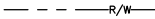

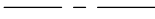




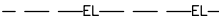





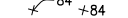
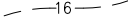
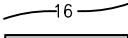



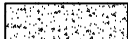
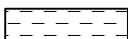
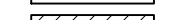



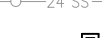



CALL 811 OR [WWW.SUNSHINE811.COM](http://WWW.SUNSHINE811.COM) TWO FULL  
BUSINESS DAYS BEFORE DIGGING TO HAVE UTILITIES  
LOCATED AND MARKED.


**CHECK POSITIVE RESPONSE CODES BEFORE YOU DIG!**

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ABBREVIATIONS										GENERAL NOTES																																																																																																																																																																																																																																																																																																																																																			
<table><tbody><tr><td>ADDIT</td><td>ADDITIONAL</td><td>DIAG</td><td>DIAGONAL</td><td>HK</td><td>HOOK</td><td>REQD</td><td>REQUIRED</td><td>VPS</td><td>VACUUM PUMP STATION</td></tr><tr><td>AFF</td><td>ABOVE FINISHED FLOOR</td><td>DIP</td><td>DUCTILE IRON PIPE</td><td>HORIZ</td><td>HORIZONTAL</td><td>REST</td><td>RESTRAINED</td><td>VSS</td><td>VACUUM SEWER SYSTEM</td></tr><tr><td>AFG</td><td>ABOVE FINISHED GRADE</td><td>DISTR</td><td>DISTRIBUTION</td><td>H.W., HWL</td><td>HIGH WATER LEVEL</td><td>R/W</td><td>RIGHT OF WAY</td><td>W</td><td>WIDTH</td></tr><tr><td>ALTN</td><td>ALTERNATE</td><td>DWG(S)</td><td>DRAWING(S)</td><td>ID</td><td>INSIDE DIAMETER</td><td>SAN</td><td>SANITARY</td><td>W/</td><td>WITH</td></tr><tr><td>ALUM</td><td>ALUMINUM</td><td>EA</td><td>EACH</td><td>INF</td><td>INFLUENT</td><td>S/A</td><td>SUPPLY AIR</td><td>WM</td><td>WATER MAIN</td></tr><tr><td>APPROX</td><td>APPROXIMATELY</td><td>EF</td><td>EACH FACE</td><td>INV EL</td><td>INVERT ELEVATION</td><td>SCH</td><td>SCHEDULE</td><td></td><td></td></tr><tr><td>ASPH</td><td>ASPHALT</td><td>EL</td><td>ELEVATION</td><td>JT</td><td>JOINT</td><td>SF</td><td>SQUARE FOOT</td><td></td><td></td></tr><tr><td>ASSY</td><td>ASSEMBLY</td><td>EOW</td><td>EDGE OF WATER</td><td>LBS</td><td>POUNDS</td><td>SNGL</td><td>SINGLE</td><td></td><td></td></tr><tr><td>AUX</td><td>AUXILIARY</td><td>ELEC</td><td>ELECTRICAL</td><td>LG</td><td>LONG</td><td>SQ</td><td>SQUARE</td><td></td><td></td></tr><tr><td>BFP</td><td>BACKFLOW PREVENTOR</td><td>EQ SP</td><td>EQUALLY SPACED</td><td>L.W., LWL</td><td>LOW WATER LEVEL</td><td>SS</td><td>STORM SEWER</td><td></td><td></td></tr><tr><td>BOT</td><td>BOTTOM</td><td>EQUIP</td><td>EQUIPMENT</td><td>MAX</td><td>MAXIMUM</td><td>SST</td><td>STAINLESS STEEL</td><td></td><td></td></tr><tr><td>BV, BFV</td><td>BUTTERFLY VALVE</td><td>MFRS</td><td>MANUFACTURER(S)</td><td>MECH</td><td>MECHANICAL</td><td>STA</td><td>STATION</td><td></td><td></td></tr><tr><td>CBS</td><td>CONCRETE BLOCK STRUCTURE</td><td>EQUIV</td><td>EQUIVALENT</td><td>MEG</td><td>MATCH EXISTING GRADE</td><td>STD</td><td>STANDARD</td><td></td><td></td></tr><tr><td>CCW</td><td>COUNTER CLOCKWISE</td><td>EXP, EXPA</td><td>EXPANSION</td><td>MH</td><td>MANHOLE</td><td>STL</td><td>STEEL</td><td></td><td></td></tr><tr><td>CI</td><td>CAST IRON</td><td>N</td><td></td><td>MIN</td><td>MINIMUM</td><td>STY</td><td>STORY</td><td></td><td></td></tr><tr><td>CJT</td><td>CONTRACTION JOINT</td><td>EXTEN</td><td>EXTENSION</td><td>MJ</td><td>MECHANICAL JOINT</td><td>SUPPT</td><td>SUPPORT</td><td></td><td></td></tr><tr><td>CLR</td><td>CLEAR</td><td>EW</td><td>EACH WAY</td><td>MW</td><td>MONITORING WELL</td><td>SV</td><td>SOLENOID VALVE</td><td></td><td></td></tr><tr><td>CMU</td><td>CONCRETE MASONRY UNIT</td><td>EXIST</td><td>EXISTING</td><td>NIC</td><td>NOT IN CONTRACT</td><td>SW</td><td>SIDEWALK</td><td></td><td></td></tr><tr><td>CONC</td><td>CONCRETE</td><td>E/GR</td><td>EXISTING GRADE</td><td>NTS</td><td>NOT TO SCALE</td><td>SWD</td><td>SIDE WALL DEPTH</td><td></td><td></td></tr><tr><td>CONT</td><td>CONTINUOUS OR CONTINUATION</td><td>FF</td><td>FINISH FLOOR</td><td>OC</td><td>ON CENTER</td><td>SWTP</td><td>SURFACE WATER TREATMENT PLANT</td><td></td><td></td></tr><tr><td>COR</td><td>CORNER</td><td>FIN</td><td>FINISH</td><td>OD</td><td>OUTSIDE DIAMETER</td><td>SYS</td><td>SYSTEM</td><td></td><td></td></tr><tr><td>CPLG</td><td>COUPLING</td><td>FLG</td><td>FLANGE</td><td>OPNG(S)</td><td>OPENING(S)</td><td>T/</td><td>TOP OF</td><td></td><td></td></tr><tr><td>CTRD</td><td>CENTERED</td><td>FM</td><td>FORCE MAIN</td><td>OPP</td><td>OPPOSITE</td><td>T/A</td><td>TRANSFER AIR</td><td></td><td></td></tr><tr><td>CV</td><td>CHECK VALVE</td><td>FTG</td><td>FOOTING</td><td>PE</td><td>PLAIN END</td><td>T&amp;B</td><td>TOP AND BOTTOM</td><td></td><td></td></tr><tr><td>CW</td><td>CLOCKWISE</td><td>GALV</td><td>GALVANIZED</td><td>PJF</td><td>PREMOLDED JOINT FILLER</td><td>TEMP</td><td>TEMPERATURE</td><td></td><td></td></tr><tr><td>CY</td><td>CUBIC YARDS</td><td>GPH</td><td>GALLONS PER HOUR</td><td>PL</td><td>PLATE</td><td>THK</td><td>THICK</td><td></td><td></td></tr><tr><td>DBL</td><td>DOUBLE</td><td>GPM</td><td>GALLONS PER MINUTE</td><td>PLCS</td><td>PLACES</td><td>TOB</td><td>TOP OF BANK</td><td></td><td></td></tr><tr><td>D</td><td>DEPTH</td><td>GSP</td><td>GALVANIZED STEEL PIPE</td><td>PS</td><td>PUMP STATION</td><td>TOE</td><td>BOTTOM OF BANK</td><td></td><td></td></tr><tr><td>DI</td><td>DUCTILE IRON</td><td>GV</td><td>GATE VALVE</td><td>PR</td><td>PAIR</td><td>TOS</td><td>TOE OF SLOPE</td><td></td><td></td></tr><tr><td>DIA</td><td>DIAMETER</td><td>GR</td><td>GRADE</td><td>R (OR)</td><td>RADIUS</td><td>TRD(S)</td><td>TREAD(S)</td><td></td><td></td></tr><tr><td></td><td></td><td>HDW</td><td>HARDWARE</td><td>RAD</td><td>RADIUS</td><td>TU</td><td>TREATMENT UNIT</td><td></td><td></td></tr><tr><td></td><td></td><td>H</td><td>HEIGHT</td><td>RED</td><td>REDUCER</td><td>TYP</td><td>TYPICAL</td><td></td><td></td></tr><tr><td></td><td></td><td>HN&amp;WA</td><td>HEX NUT &amp; WASHER</td><td>REINF</td><td>REINFORCING</td><td>VERT</td><td>VERTICAL</td><td></td><td></td></tr></tbody></table>										ADDIT	ADDITIONAL	DIAG	DIAGONAL	HK	HOOK	REQD	REQUIRED	VPS	VACUUM PUMP STATION	AFF	ABOVE FINISHED FLOOR	DIP	DUCTILE IRON PIPE	HORIZ	HORIZONTAL	REST	RESTRAINED	VSS	VACUUM SEWER SYSTEM	AFG	ABOVE FINISHED GRADE	DISTR	DISTRIBUTION	H.W., HWL	HIGH WATER LEVEL	R/W	RIGHT OF WAY	W	WIDTH	ALTN	ALTERNATE	DWG(S)	DRAWING(S)	ID	INSIDE DIAMETER	SAN	SANITARY	W/	WITH	ALUM	ALUMINUM	EA	EACH	INF	INFLUENT	S/A	SUPPLY AIR	WM	WATER MAIN	APPROX	APPROXIMATELY	EF	EACH FACE	INV EL	INVERT ELEVATION	SCH	SCHEDULE			ASPH	ASPHALT	EL	ELEVATION	JT	JOINT	SF	SQUARE FOOT			ASSY	ASSEMBLY	EOW	EDGE OF WATER	LBS	POUNDS	SNGL	SINGLE			AUX	AUXILIARY	ELEC	ELECTRICAL	LG	LONG	SQ	SQUARE			BFP	BACKFLOW PREVENTOR	EQ SP	EQUALLY SPACED	L.W., LWL	LOW WATER LEVEL	SS	STORM SEWER			BOT	BOTTOM	EQUIP	EQUIPMENT	MAX	MAXIMUM	SST	STAINLESS STEEL			BV, BFV	BUTTERFLY VALVE	MFRS	MANUFACTURER(S)	MECH	MECHANICAL	STA	STATION			CBS	CONCRETE BLOCK STRUCTURE	EQUIV	EQUIVALENT	MEG	MATCH EXISTING GRADE	STD	STANDARD			CCW	COUNTER CLOCKWISE	EXP, EXPA	EXPANSION	MH	MANHOLE	STL	STEEL			CI	CAST IRON	N		MIN	MINIMUM	STY	STORY			CJT	CONTRACTION JOINT	EXTEN	EXTENSION	MJ	MECHANICAL JOINT	SUPPT	SUPPORT			CLR	CLEAR	EW	EACH WAY	MW	MONITORING WELL	SV	SOLENOID VALVE			CMU	CONCRETE MASONRY UNIT	EXIST	EXISTING	NIC	NOT IN CONTRACT	SW	SIDEWALK			CONC	CONCRETE	E/GR	EXISTING GRADE	NTS	NOT TO SCALE	SWD	SIDE WALL DEPTH			CONT	CONTINUOUS OR CONTINUATION	FF	FINISH FLOOR	OC	ON CENTER	SWTP	SURFACE WATER TREATMENT PLANT			COR	CORNER	FIN	FINISH	OD	OUTSIDE DIAMETER	SYS	SYSTEM			CPLG	COUPLING	FLG	FLANGE	OPNG(S)	OPENING(S)	T/	TOP OF			CTRD	CENTERED	FM	FORCE MAIN	OPP	OPPOSITE	T/A	TRANSFER AIR			CV	CHECK VALVE	FTG	FOOTING	PE	PLAIN END	T&B	TOP AND BOTTOM			CW	CLOCKWISE	GALV	GALVANIZED	PJF	PREMOLDED JOINT FILLER	TEMP	TEMPERATURE			CY	CUBIC YARDS	GPH	GALLONS PER HOUR	PL	PLATE	THK	THICK			DBL	DOUBLE	GPM	GALLONS PER MINUTE	PLCS	PLACES	TOB	TOP OF BANK			D	DEPTH	GSP	GALVANIZED STEEL PIPE	PS	PUMP STATION	TOE	BOTTOM OF BANK			DI	DUCTILE IRON	GV	GATE VALVE	PR	PAIR	TOS	TOE OF SLOPE			DIA	DIAMETER	GR	GRADE	R (OR)	RADIUS	TRD(S)	TREAD(S)					HDW	HARDWARE	RAD	RADIUS	TU	TREATMENT UNIT					H	HEIGHT	RED	REDUCER	TYP	TYPICAL					HN&WA	HEX NUT & WASHER	REINF	REINFORCING	VERT	VERTICAL			<ol style="list-style-type: none"><li>UNDERGROUND CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF DELRAY BEACH, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), FLORIDA BUILDING CODE 2017, AND ALL OTHER LOCAL AND NATIONAL CODES WHERE APPLICABLE.</li><li>PERFORM CONSTRUCTION IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES SHALL BE STRICTLY OBSERVED.</li><li>ELEVATIONS ON THE DRAWINGS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.</li><li>THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A UTILITY LOCATION SERVICE SUCH AS "SUNSHINE STATE ONE CALL OF FLA, INC." AT (800) 432-4770 AT LEAST 48 HOURS PRIOR TO BEGINNING ANY GRADING OR EXCAVATION OPERATIONS.</li><li>EXISTING UTILITY LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.</li><li>PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.</li><li>IF UPON CLEARING AND GRADING, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.</li><li>CONTRACTOR MUST PROVIDE FOR AND MAINTAIN ADEQUATE ACCESS AT ALL TIMES TO ALL PLOTS AFFECTED BY PROGRESS OF THE WORK.</li><li>PROJECT SITE SAFETY:<ol style="list-style-type: none"><li>THE ENGINEER/OWNER OR THEIR EMPLOYEES HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER THE CONTRACTOR, ANY SUB-CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY JOB SITE HEALTH OR SAFETY PRECAUTIONS.</li><li>THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY, AND WARRANTS THAT THIS INTENT IS MADE EVIDENT BY THE AGREEMENT BETWEEN OWNER AND CONTRACTOR.</li><li>ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS OR ENCOUNTERED THROUGH THE PROGRESSION OF WORK AT THIS PROJECT SITE AREA ASSUMED TO BE LIVE, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS WHEN WORKING AROUND EXISTING OVERHEAD OR UNDERGROUND UTILITIES.</li></ol></li></ol>									
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<div><div><div>LINE WORK FOR EXISTING ITEMS IS SHOWN BY A CONTINUOUS LIGHT LINE</div><div><div>EXISTING WORK</div><div>NEW WORK</div><div>FUTURE WORK</div></div><div>LINE WORK FOR NEW ITEMS IS SHOWN BY A CONTINUOUS HEAVY LINE</div><div>LINE WORK FOR FUTURE ITEMS IS SHOWN BY A DASHED LINE</div></div><div>THIS CONVENTION APPLIES TO ALL WORK DISCIPLINES. (CIVIL, ARCHITECTURAL MECHANICAL, INSTRUMENTATION &amp; CONTROL AND ELECTRICAL)</div></div>					<div><div>EXISTING TREE LEGEND</div><div><div><div></div>BLACK OLIVE</div><div><div></div>BOTTLE BRUSH</div><div><div></div>CABBAGE PALM</div><div><div></div>CYPRESS</div><div><div></div>FICUS</div><div><div></div>MAHOGANY</div><div><div></div>MELALEUCA</div><div><div></div>OAK</div><div><div></div>PALM</div><div><div></div>ROYAL PONSETTIA</div><div><div></div>SCHEFALERA (UMBRELLA)</div><div><div></div>SHRUB</div><div><div></div>SILVER BUTTONWOOD</div><div><div></div>SLASH PINE</div><div><div></div>UNKNOWN SPECIES</div></div><div>PROPOSED TREE / HEDGE LEGEND</div><div><div><div></div>NEW SHADE TREE</div><div><div></div>DENOTES TREE TO BE REMOVED, CONTRACTOR SHALL OBTAIN PERMITS AS REQUIRED</div><div><div></div>NEW PALM TREE</div><div><div></div>MULCHED BEDDING AREA OF SMALL PLANTS/SHRUBS AS SPECIFIED</div><div><div><div><div>NEW TREE OR SHRUB DESIGNATION</div><div><div>XX</div><div>XXX</div></div><div>QUANTITY AT LOCATION</div><div>PLANT LIST KEY (SEE SPECIFICATION)</div></div></div></div></div></div>																																																																																																																																																																																																																																																																																																																																																								
<div><div></div><div>ECKLER ENGINEERING, INC.</div><div>4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067 PH: 954-510-4700 - EB NO. 7803</div></div>					<div><div>GRAPHIC SCALE</div><div>NOT APPLICABLE</div><div>DRAWING SCALE</div><div>HORIZ. VERT.</div></div>										<div>ENGINEER'S SEAL</div> <div>DOUGLAS K. HAMMANN, P.E. FLORIDA # 50589</div>		<table><tbody><tr><td>DESIGNED BY</td><td>O.L.RUBIO</td></tr><tr><td>DRAWN BY</td><td>R.PAEZ</td></tr><tr><td>CHECKED BY</td><td>O.L.RUBIO</td></tr><tr><td>DATE</td><td>FEB. 1, 2019</td></tr></tbody></table>		DESIGNED BY	O.L.RUBIO	DRAWN BY	R.PAEZ	CHECKED BY	O.L.RUBIO	DATE	FEB. 1, 2019	<table><tbody><tr><td>REVISION</td><td>DATE</td><td>DESCRIPTION</td><td>BY</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table>		REVISION	DATE	DESCRIPTION	BY																	<div>DELAY BEACH MEMORIAL GARDENS PLOT LAYOUT</div> <div>CITY OF DELRAY BEACH</div> <div>GENERAL NOTES LEGENDS AND ABBREVIATIONS</div>		<div>PROJECT NO.</div> <div>215-003.01</div> <div>SHEET NO.</div> <div>2 OF 15</div> <div>FILE ID. 215-003.01_G-01</div>																																																																																																																																																																																																																																																																																																										
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# GENERAL LEGEND

	R/W LINE
	PROPERTY LINE OR LOT LINE
	CENTERLINE
	NEW FENCE LINE
	EXISTING FENCE LINE (METAL)
	EXISTING FENCE LINE (WOOD)
	EXISTING FENCE LINE (CHAIN LINK)
	EASEMENT LINE
	SECTION LINE
	BORING LOCATION & DESIGNATION
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	COORDINATE CALLOUT NUMBER
	EXISTING CONTOUR LINE
	PROPOSED CONTOUR LINE
	EXISTING ASPHALT (DRIVE / ROADWAY)
	EXISTING PAVEMENT TO BE REMOVED / REPLACED
	ASPHALT OVERLAY
	NEW PAVEMENT (CONCRETE)
	NEW PAVEMENT PATCH (ASPHALT)
	EXISTING AREA OR EQUIPMENT TO BE REMOVED
	EXISTING BURIED ELEC CONDUIT W/ JUNCTION BOX
	EXISTING STORM SEWER, CATCH BASIN AND MANHOLE
	NEW CATCH BASIN W/ DESIGNATION
	OVERHEAD WIRE
	BENCH MARK & DATA
	DIRECTION OF ELEVATION VIEW AND PHOTO DESIGNATION (LOCATION PHOTO TAKEN FROM)
	UTILIZED TO REFERENCE A STANDARD DETAIL IN NOTES AND BLOCKS OF TEXT
	COORDINATE POINT NUMBER

**ECKLER ENGINEERING, INC.**  
4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067  
PH: 954-810-4700 - EB NO. 7803

## SECTION AND DETAIL DESIGNATION

SECTION INDICATOR

NON-STANDARD DETAIL DESIGNATION

STANDARD DETAIL DESIGNATION

DETAIL TITLE DESCRIPTION

SCALE: 1/4" = 1'-0"

SCALE OF SECTION OR DETAIL

VIEW / DETAIL TITLE

DESIGNATION (SECTION OR DETAIL)

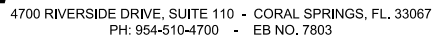
SECTION

SCALE: 3" = 1'-0"

SCALE OF SECTION OR DETAIL

DESIGNATION (LETTER FOR SECTION) (NUMERAL FOR DETAIL)

DETAIL / SECTION TITLE



NOT APPLICABLE

VERT.

DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

DATE	FEB. 1, 2019
------	--------------

FINAL SUBMITTAL

DATE	FEB. 1, 2019
------	--------------

REVISION

DATE
------

DESCRIPTION

BY

**DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT**

**CITY OF DELRAY BEACH**

**LEGENDS AND SYMBOLS**

FILE ID. 215-003.01\_G-01

File name: C:\Civil 3D Projects\215-003.01\_Delray Memorial Gardens\01\_Working\215-003.01\_G-01.dwg; Plotted @: 7/10/2019 9:25:08 AM; Scale multiplier: 0.5; Printed by: Matheus Siqueira; Design Milestone: FINAL SUBMITTAL

GENERAL

- A. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF:
- 1. FLORIDA BUILDING CODE, 2017 EDITION.
  - 2. CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT.
  - 3. CITY OF DELRAY BEACH PARKS AND RECREATION DEPARTMENT.

PRECONSTRUCTION RESPONSIBILITIES

- A. THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A UTILITY LOCATION SERVICE SUCH AS "SUNSHINE STATE ONE CALL OF FLA, INC." AT (800) 432-4770 AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION.
- B. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREAS OF CONSTRUCTION.
- C. EXISTING LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY UTILITIES NOT SHOWN.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH HE FAILS TO REQUEST LOCATIONS FROM THE UTILITY OWNER. HE IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
- E. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

INSPECTIONS

- A. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER OF RECORD AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO ANY REQUIRED INSPECTION OF THE CONSTRUCTED UTILITY IMPROVEMENT.

SHOP DRAWINGS

- A. PRIOR TO UTILITY CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER OF RECORD FOR PIPING MATERIALS, FITTINGS AND PRECAST STRUCTURES AS APPLICABLE.

PROJECT SPECIFICATIONS

- A. DISPOSAL OF LITTER AND DEBRIS
- 1. PROVIDE PICKUP, REMOVAL AND DISPOSAL OF LITTER WITHIN THE PROJECT LIMITS. LITTER INCLUDES; BUT IS NOT LIMITED TO, BOTTLES, CANS, PAPER, TIRES, TIRE PIECES, LUMBER, VEHICLE PARTS, METAL JUNK, AND CONCRETE DEBRIS.
- B. TEMPORARY EROSION CONTROL
- 1. PROVIDE EROSION CONTROL MEASURES ON THE PROJECT AND IN AREAS WHERE WORK IS ACCOMPLISHED IN CONJUNCTION WITH THE PROJECT, SO AS TO PREVENT POLLUTION OF WATER, DETRIMENTAL EFFECTS TO PUBLIC OR PRIVATE PROPERTY ADJACENT TO THE PROJECT AND DAMAGE TO WORK ON THE PROJECT. CONSTRUCT AND MAINTAIN TEMPORARY EROSION CONTROL FEATURES OR, WHERE PRACTICAL, CONSTRUCT AND MAINTAIN PERMANENT EROSION CONTROL FEATURES.
- C. REMOVAL OF BUILDINGS
- 1. WHERE BUILDINGS WITHIN THE AREA TO BE CLEARED AND GRUBBED ARE SO SPECIFIED TO BE REMOVED, REMOVE AND DISPOSE OF ANY FOUNDATIONS, CURTAIN WALLS, CONCRETE FLOORS, BASEMENTS OR OTHER FOUNDATION PARTS.
- D. CLEARING AND GRUBBING.
- 1. REMOVE AND DISPOSE OF VEGETATION, OBSTRUCTIONS, ETC., AS SHOWN IN THE PLANS. PROVIDE ACCEPTABLE FILL MATERIAL, AND GRADE AND COMPACT HOLES OR VOIDS CREATED BY THE REMOVAL OF STUMPS OR ROCKS. PERFORM ALL CLEARING AND GRUBBING IN ACCORDANCE WITH ANSI

A300. NO STAGING, STORING OR DUMPING WILL BE ALLOWED IN CLEARING

AND GRUBBING AREAS. TREES TO REMAIN: PROTECT TREES AS SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER. AT THE DRIPLINES OF AREAS DESIGNATED AS TREES TO REMAIN, CONSTRUCT A TREE PROTECTION BARRIER IN ACCORDANCE WITH FDOT DESIGN STANDARDS, INDEX NO. 542.

- E. DISPOSAL OF MATERIALS.

- 1. STACK MATERIALS DESIGNATED FOR DISPOSAL IN NEAT PILES WITHIN THE CLEARED AREA, LOAD ONTO CONTRACTOR'S VEHICLES FOR DISPOSAL. DISPOSE OF STUMPS, BRUSH, ROOTS, RUBBISH, AND OTHER MATERIAL RESULTING FROM CLEARING AND GRUBBING IN AREAS AND BY METHODS MEETING THE APPLICABLE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL RULES AND REGULATIONS.

- F. LIMEROCK STABILIZED BASE .

- 1. CONSTRUCT A BASE COURSE COMPOSED OF ROADBED SOIL STABILIZED WITH LIMEROCK PER FDOT SPECIFICATION 230. MEET THE LIMEROCK MATERIAL REQUIREMENTS AS SPECIFIED IN FDOT SECTION 911. PREPARATION OF ROADBED. COMPLETE THE AREA TO BE STABILIZED TO THE LINES SHOWN IN THE PLANS AND TO A GRADE PARALLEL TO THE FINISHED ELEVATION OF THE STABILIZED BASE, BEFORE ADDING THE STABILIZING MATERIAL. ENSURE THAT THE ELEVATION OF THE ROADBED IS SUCH THAT THE BASE WILL CONFORM TO THE TYPICAL CROSS-SECTION UPON COMPLETING THE WORK.

PROJECT CLOSEOUT

- A. CLEANING UP:

- 1. DURING CONSTRUCTION THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH.
- 2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER. ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT EMPLOYEES OR THOSE OF HIS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THIS END, THE CONTRACTOR SHALL DO AS REQUIRED ALL NECESSARY ROADWAY OR DRIVEWAY, SIDEWALK AND LANDSCAPE WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
- 3. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTORS OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE WORK AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

PROJECT RECORD DOCUMENTS

- A. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF WORK ITEMS COMPLETED.
- B. PRIOR TO THE PLACEMENT OF ANY ASPHALT OR CONCRETE PAVEMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, "AS-BUILT" DRAWINGS SHOWING ALL IMPROVEMENTS, AS APPLICABLE.
- D. ALL "AS-BUILT" INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
- D. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF "AS-BUILT" CONSTRUCTION DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN FLORIDA.

**ECKLER ENGINEERING, INC.**

4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067  
PH: 954-510-4700 - EB NO. 7803



CITY of DELRAY BEACH

434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444  
Phone: (561) 243-7322 Fax: (561) 243-7314

GRAPHIC SCALE  
NOT APPLICABLE

DRAWING SCALE  
HORIZ. VERT.

ENGINEER'S SEAL

DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

DESIGNED BY	O.L.RUBIO
DRAWN BY	R.PAEZ
CHECKED BY	O.L.RUBIO
DATE	FEB. 1, 2019

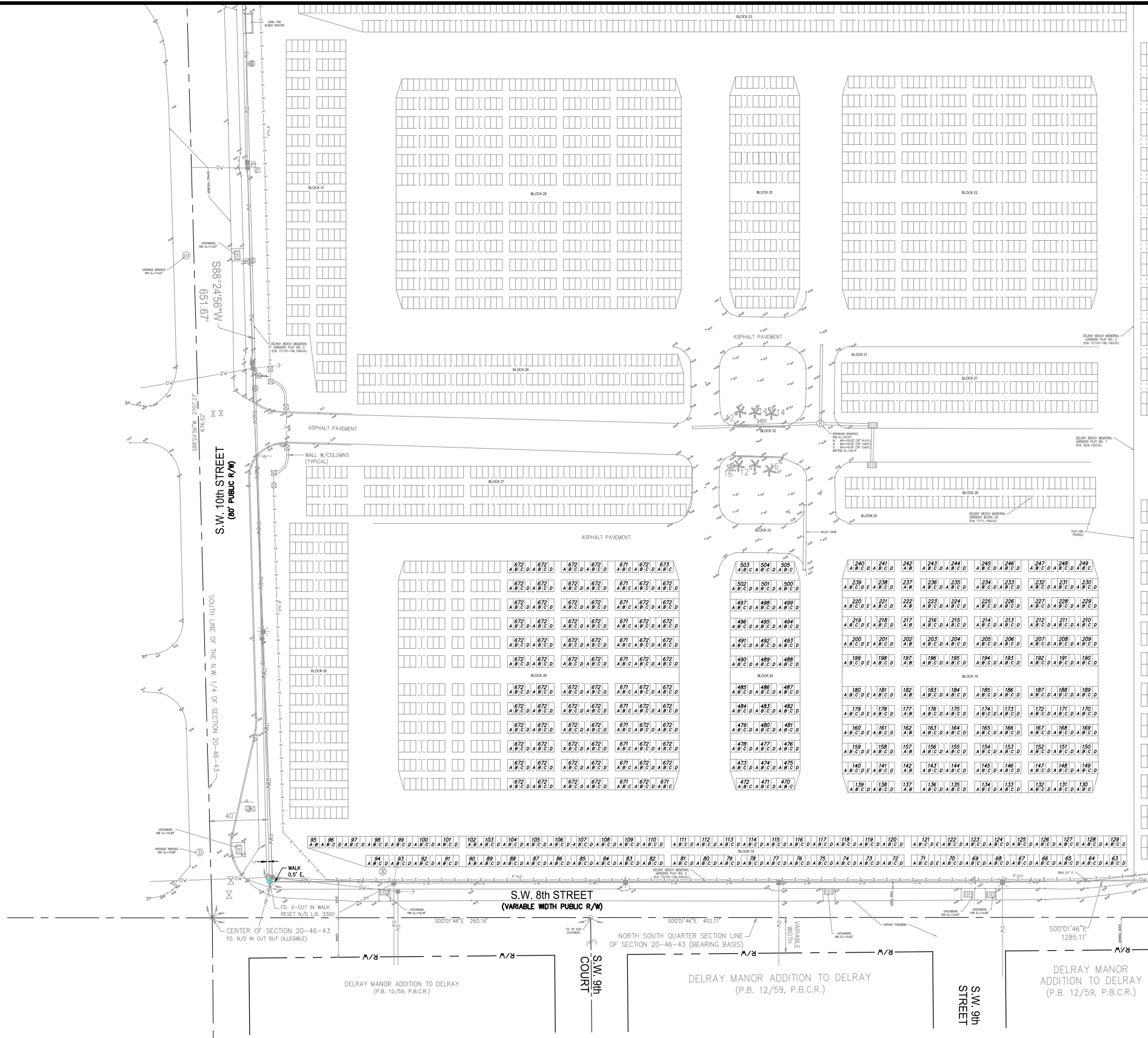
REVISION	DATE			DESCRIPTION	BY

FINAL SUBMITTAL

DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT  
CITY OF DELRAY BEACH  
SPECIFICATIONS

PROJECT NO.	215-003.01
SHEET NO.	4 OF 15
FILE ID.	215-003.01_G-01

File name: C:\Civil 3D Projects\215-003.01\_Delray Memorial Gardens01\_Working\215-003.01\_C01.dwg; Plotted @: 7/10/2019 9:25:27 AM; Scale multiplier: 0.5; Design Milestone: FINAL SUBMITTAL



**ECKLER ENGINEERING, INC.**  
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PH: 954-510-4700 - EB NO. 7803

**MEDITATION AREA OVERALL SITE PLAN**

SCALE: 1" = 40'-0"



**CITY of DELRAY BEACH**

434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444  
Phone: (561) 243-7322 Fax: (561) 243-7314

GRAPHIC SCALE

NOT APPLICABLE

DRAWING SCALE

HORIZ. 20

VERT. -

ENGINEER'S SEAL

DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

DESIGNED BY  
DRAWN BY  
CHECKED BY

D.K.HAMMANN  
R.PAEZ  
O.L.RUBIO

DATE

FEB. 1, 2019

REVISION

DATE

DESCRIPTION

BY

**FINAL SUBMITTAL**

**DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT**  
**CITY OF DELRAY BEACH**  
**MEDITATION AREAS  
OVERALL SITE PLAN**

PROJECT NO.

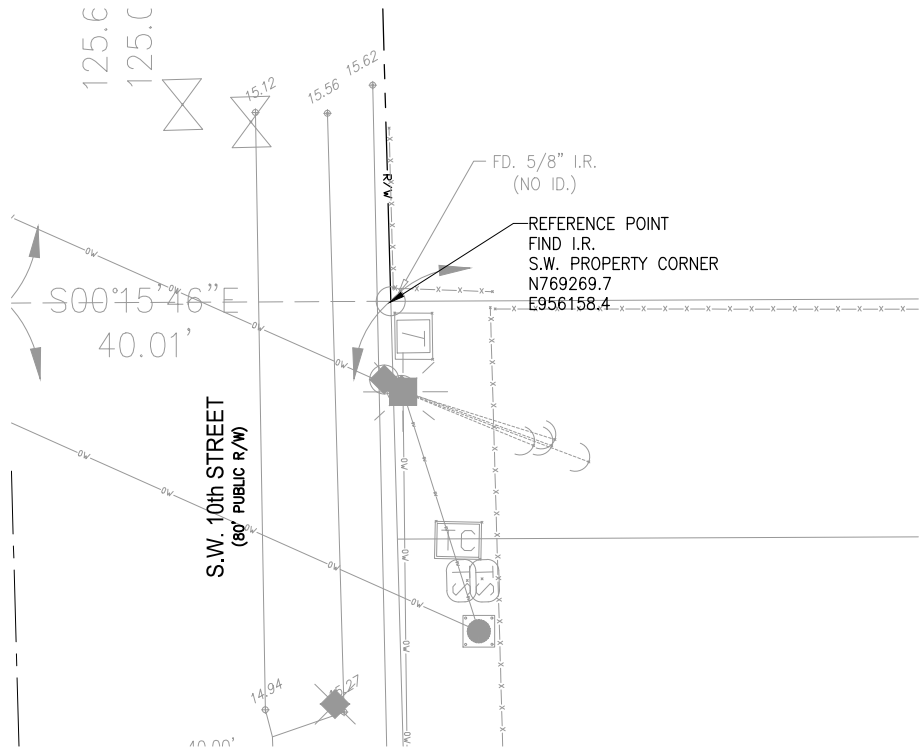
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SHEET NO.

5 OF 15

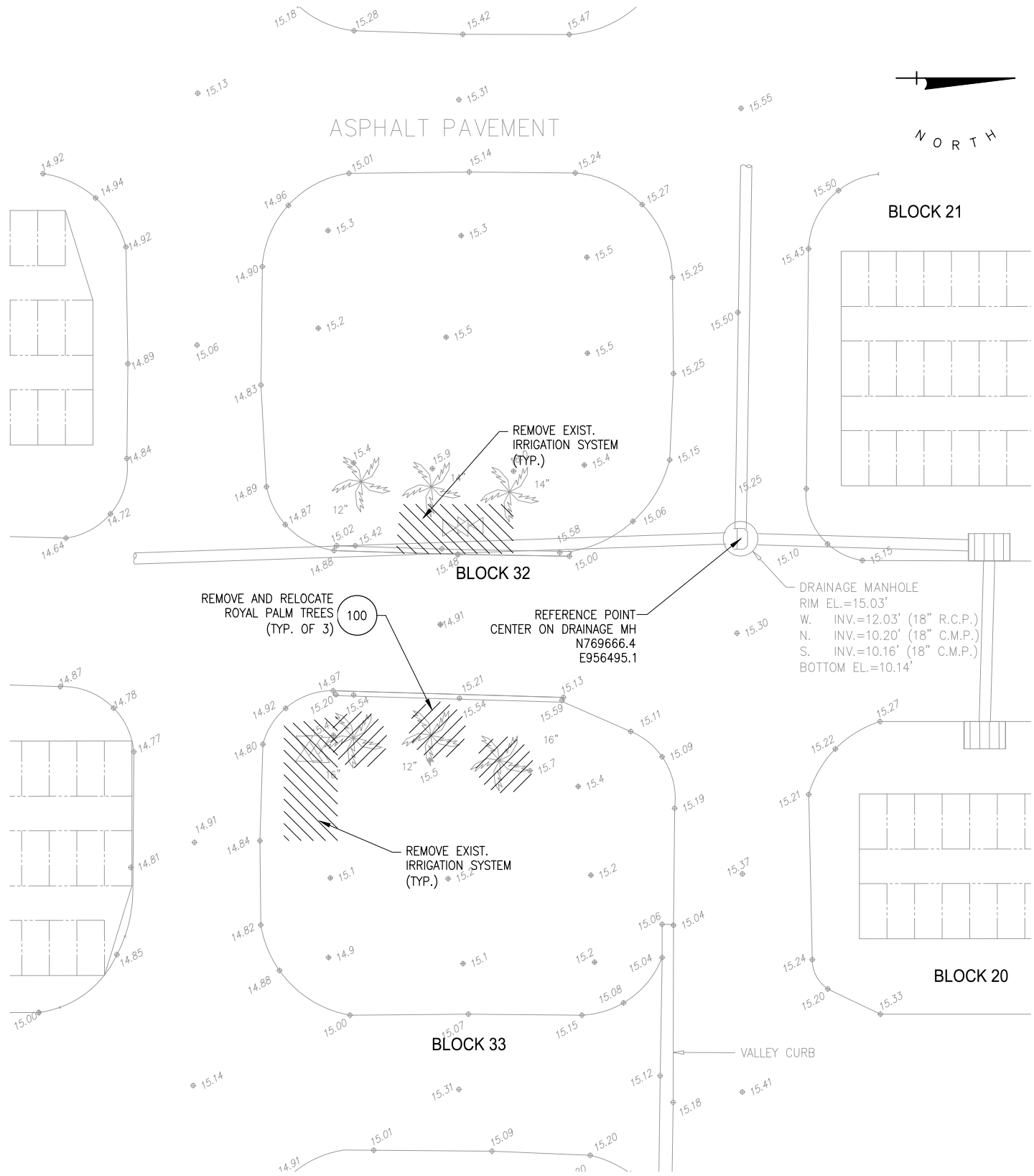
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NOTES

- 1) REMOVE EXISTING IRRIGATION LINES AND SPRINKLERS BY CITY OF DELRAY BEACH PARKS AND RECREATION DEPARTMENTS.
- 2) REMOVE AND RELOCATE EXISTING ROYAL PALMS ON FUTURE BLOCK 33 BY CITY OF DELRAY BEACH PARKS AND RECREATION DEPARTMENT.



MEDITATION AREAS DEMOLITION PLAN

SCALE: 1" = 10'-0"

**ECKLER ENGINEERING, INC.**  
4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067  
PH: 954-510-4700 - EB NO. 7803



**CITY of DELRAY BEACH**

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Phone: (561) 243-7322 Fax: (561) 243-7314

GRAPHIC SCALE

NOT APPLICABLE

DRAWING SCALE

HORIZ.

VERT.

ENGINEER'S SEAL

DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

DESIGNED BY	O.L.RUBIO
DRAWN BY	R.PAEZ
CHECKED BY	O.L.RUBIO
DATE	FEB. 1, 2019

REVISION	DATE	DESCRIPTION	BY

FINAL SUBMITTAL

**DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT**  
**CITY OF DELRAY BEACH**  
**MEDITATION AREAS  
DEMOLITION PLAN**

PROJECT NO.  
**215-003.01**  
SHEET NO.  
**6 OF 15**  
FILE ID. 215-003.01\_002

SITE PLAN NOTES

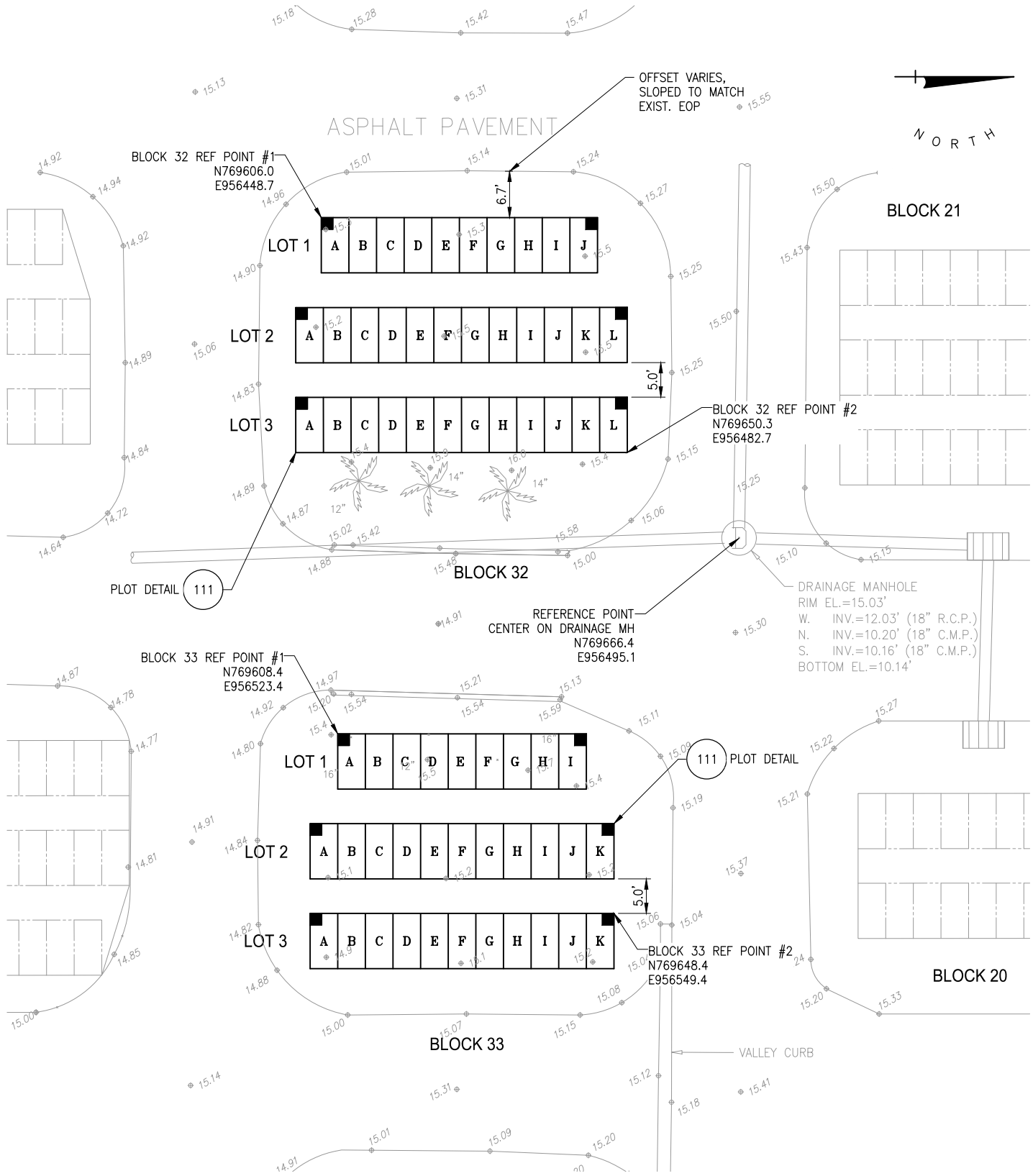
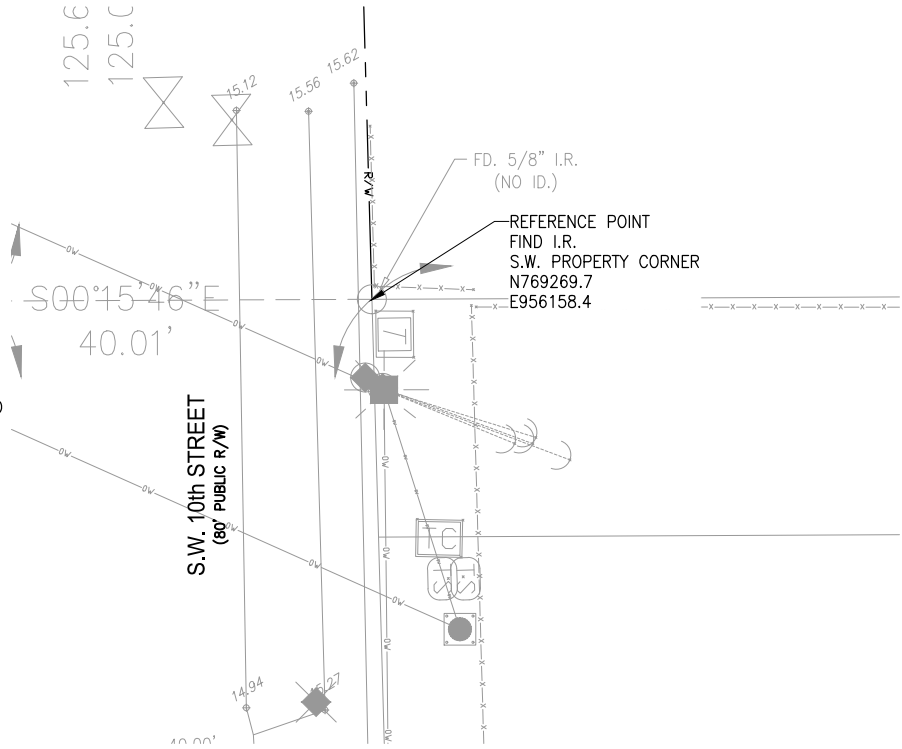
1) PLOT DIMENSIONS ARE 4'x8'

LEGEND

■ = BLOCK MARKER IDENTIFIER PIN

NOTES

- 1) REINSTALL IRRIGATION LINES AND SPRINKLER HEADS IN BETWEEN AND AROUND PLOTS, BY CITY OF DELRAY BEACH PARKS AND RECREATION DEPARTMENTS.
- 1) SODDING OF MEDITATION AREAS AFTER SPRINKLER WORK IS COMPLETED IS DONE BY CITY OF DELRAY BEACH PARKS AND RECREATION DEPARTMENTS.



MEDITATION AREAS BLOCK AND PLOT NUMBERING

SCALE: 1" = 10'-0"



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PH: 954-510-4700 - EB NO. 7803



CITY of DELRAY BEACH

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Phone: (561) 243-7322 Fax: (561) 243-7314

GRAPHIC SCALE

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DRAWING SCALE

HORIZ.

VERT.

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DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

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DATE	FEB. 1, 2019

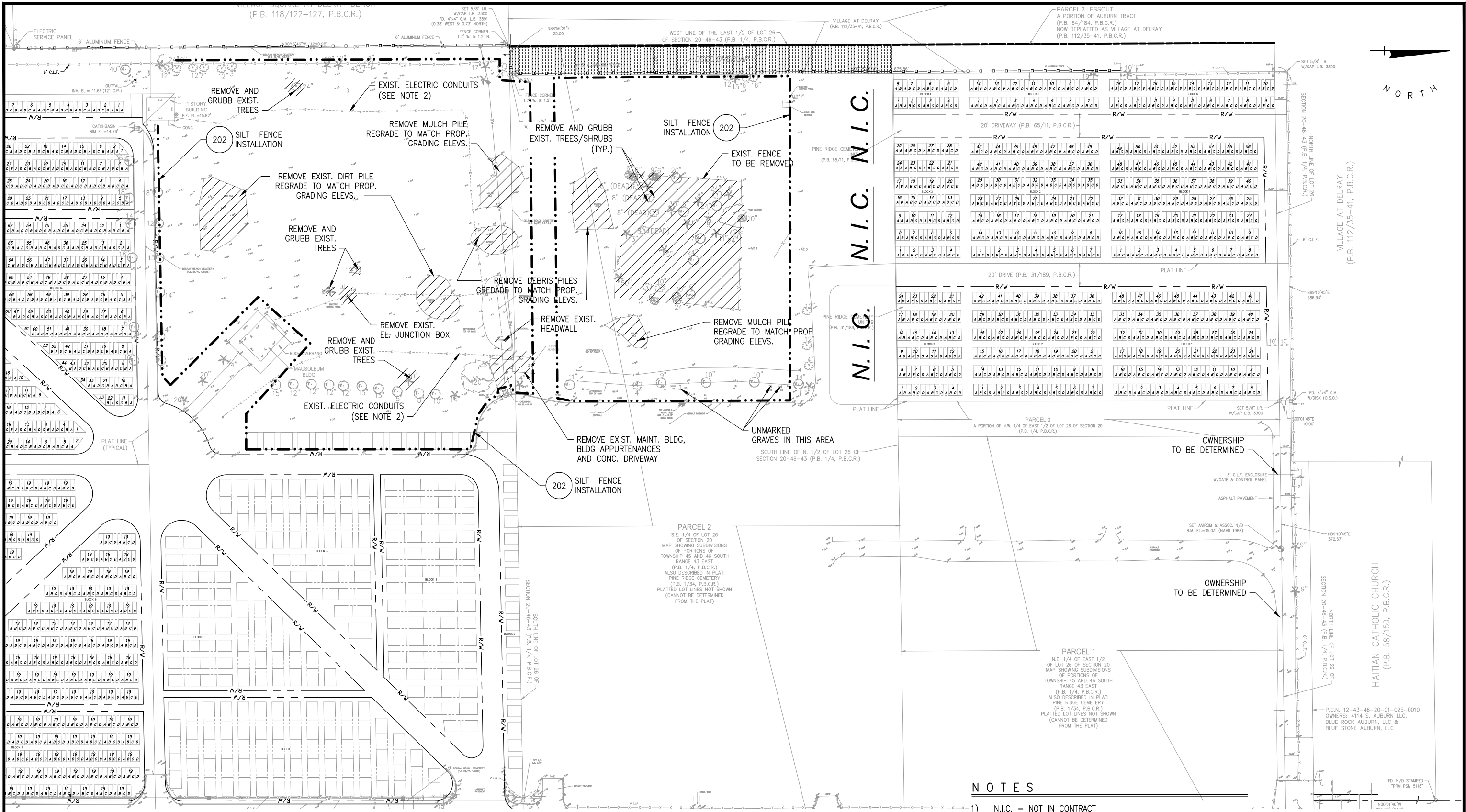
REVISION	DATE	DESCRIPTION	BY

FINAL SUBMITTAL

DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT  
CITY OF DELRAY BEACH  
MEDITATION AREAS BLOCK  
AND PLOT NUMBERING

PROJECT NO.  
215-003.01  
SHEET NO.  
7 OF 15  
FILE ID. 215-003.01\_C03





## NOTES

- 1) N.I.C. = NOT IN CONTRACT
- 2) EXISTING CONDUITS TO BE REMOVED AFTER NEW CONDUITS HAVE BEEN INSTALLED AND NEW WIRING HAS BEEN COMPLETED AND CONNECTED TO THE APPROPRIATE JUNCTION BOXES.



4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067  
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## CITY of DELRAY BEACH

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Phone: (561) 243-7322 Fax: (561) 243-7314

GRAPHIC SCALE

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FLORIDA # 50589

DESIGNED BY

O.L.RUBIO

DRAWN BY

R.PAEZ

CHECKED BY

O.L.RUBIO

DATE

FEB. 1, 2019

REVISION

DATE

DESCRIPTION

BY

FINAL SUBMITTAL

DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT

CITY OF DELRAY BEACH  
WEST AREA DEMOLITION  
PLAN

PROJECT NO.

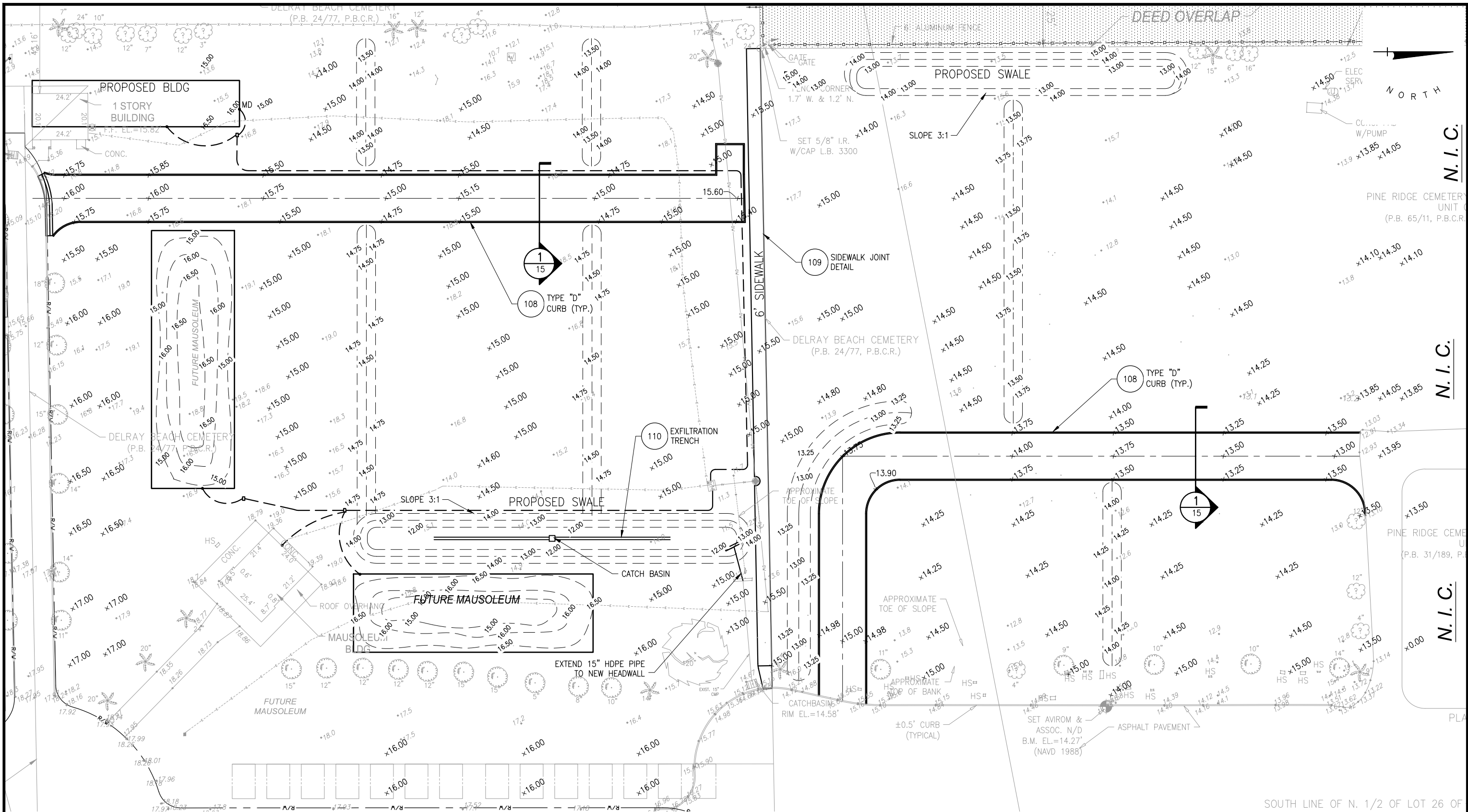
215-003.01

SHEET NO.

9 OF 15

FILE ID. 215-003.01\_C05

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**ECKLER ENGINEERING, INC.**  
4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067  
PH: 954-510-4700 - EB NO. 7803

### NOTES

N.I.C. = NOT IN CONTRACT

### WEST AREA GRADING PLAN

SCALE: 1' = 20'



## CITY of DELRAY BEACH

434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444  
Phone: (561) 243-7322 Fax: (561) 243-7314

GRAPHIC SCALE

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DRAWING SCALE

HORIZ. VERT.

ENGINEER'S SEAL

DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

DESIGNED BY O.L.RUBIO  
DRAWN BY R.PAEZ  
CHECKED BY O.L.RUBIO

DATE FEB. 1, 2019

REVISION

DATE

FINAL SUBMITTAL

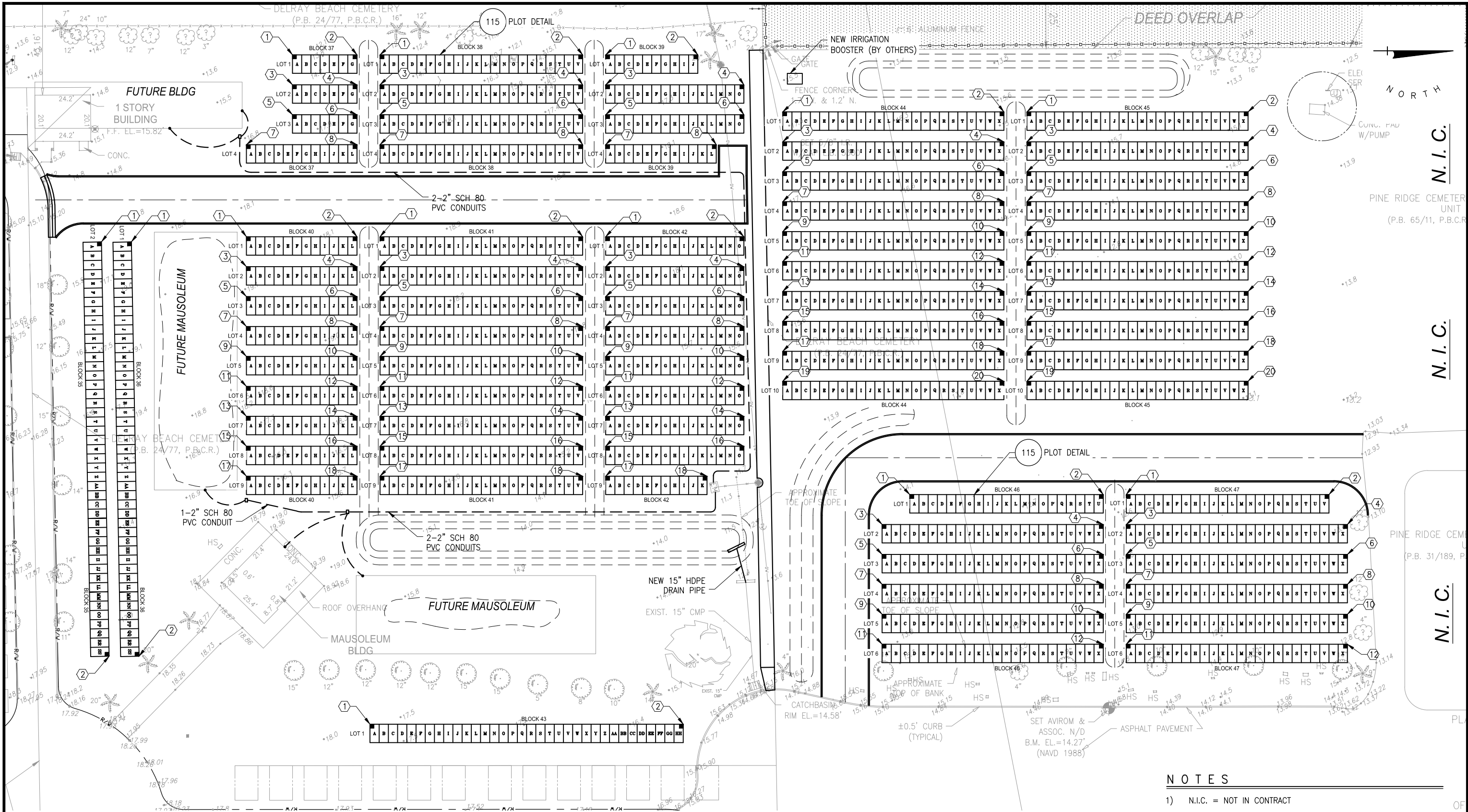
DESCRIPTION

BY

**DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT**  
**CITY OF DELRAY BEACH**  
**WEST AREA GRADING PLAN**

PROJECT NO.  
**215-003.01**  
SHEET NO.  
**10 OF 15**  
FILE ID. 215-003.01\_C06

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**ECKLER ENGINEERING, INC.**  
4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067  
PH: 954-510-4700 - EB NO. 7803

## WEST AREA BLOCK AND PLOT NUMBERING

SCALE: 1' = 20'

## NOTES

- 1) N.I.C. = NOT IN CONTRACT
- 2) IRRIGATION SYSTEM TO BE DESIGNED, PERMITTED AND INSTALLED BY OTHERS.
- 3) PARCEL 2, TO BE DEVELOPED ONCE LEGAL LAND TITLE ISSUES ARE RESOLVED.



# CITY of DELRAY BEACH

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ENGINEER'S SEAL

DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

DESIGNED BY  
DRAWN BY  
CHECKED BY

O.L.RUBIO  
R.PAEZ  
O.L.RUBIO

DATE

FEB. 1, 2019

REVISION

DATE

DESCRIPTION

BY

FINAL SUBMITTAL

DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT

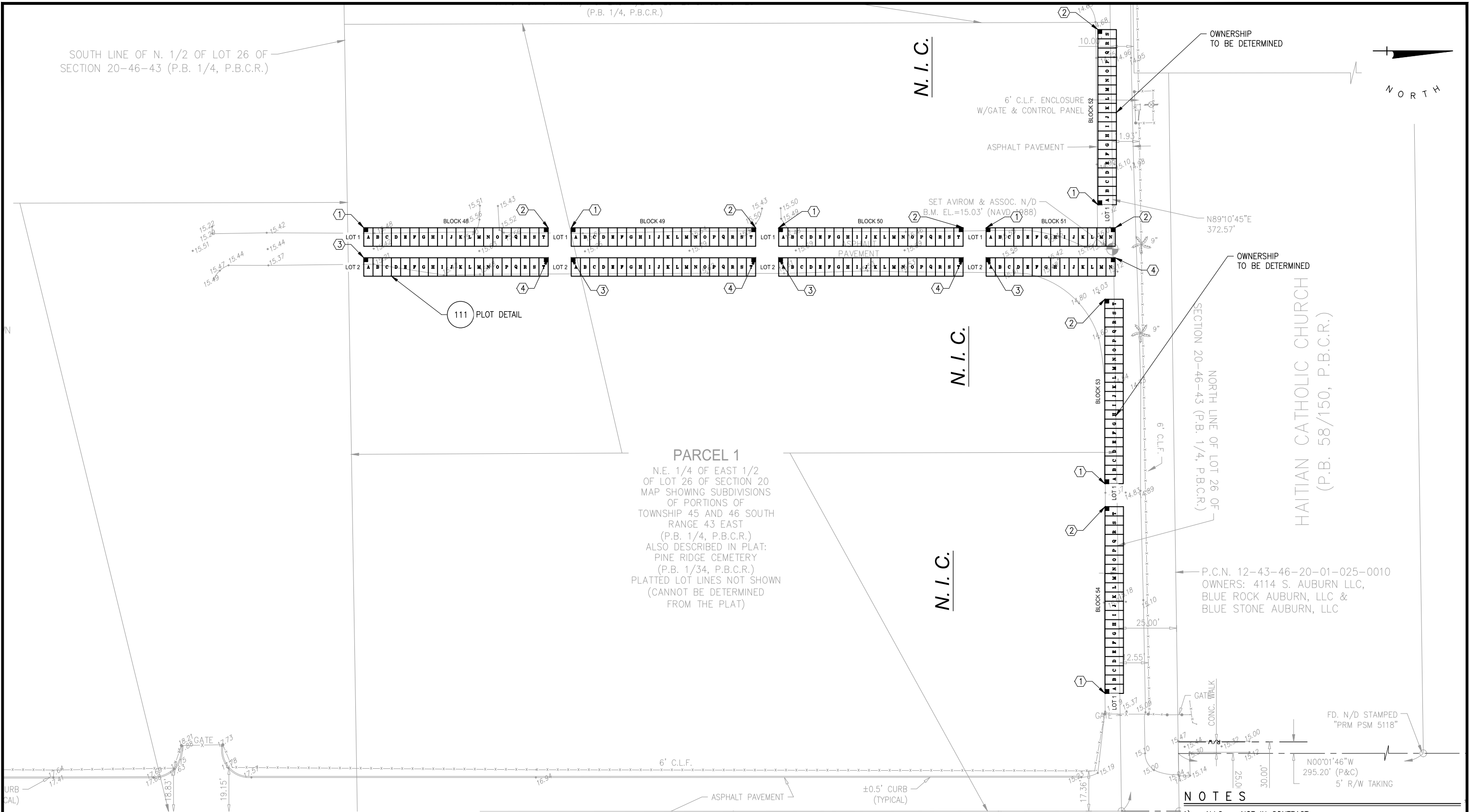
CITY OF DELRAY BEACH  
WEST AREA BLOCK AND  
PLOT NUMBERING (SHEET 1)

PROJECT NO.  
215-003.01

SHEET NO.  
11 OF 15

FILE ID. 215-003.01\_C07

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**ECKLER ENGINEERING, INC.**  
4700 RIVERSIDE DRIVE, SUITE 110 - CORAL SPRINGS, FL. 33067  
PH: 954-510-4700 - EB NO. 7803

**WEST AREA BLOCK AND PLOT NUMBERING**  
SCALE: 1' = 20'

- NOTES**
- 1) N.I.C. = NOT IN CONTRACT
  - 2) PARCEL 1, TO BE DEVELOPED ONCE LEGAL LAND TITLE ISSUES ARE RESOLVED.



**CITY of DELRAY BEACH**

434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444  
Phone: (561) 243-7322 Fax: (561) 243-7314

GRAPHIC SCALE  
NOT APPLICABLE

DRAWING SCALE  
HORIZ. VERT.

**ENGINEER'S SEAL**

DOUGLAS K. HAMMANN, P.E.  
FLORIDA # 50589

DESIGNED BY	O.L.RUBIO
DRAWN BY	R.PAEZ
CHECKED BY	O.L.RUBIO
DATE	FEB. 1, 2019

REVISION	DATE	DESCRIPTION	BY

**FINAL SUBMITTAL**

**DELRAY BEACH MEMORIAL GARDENS PLOT LAYOUT**  
**CITY OF DELRAY BEACH**  
**WEST AREA BLOCK AND PLOT NUMBERING (SHEET 2)**

PROJECT NO.  
**215-003.01**  
SHEET NO.  
**12 OF 15**  
FILE ID. 215-003.01\_C08

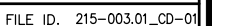




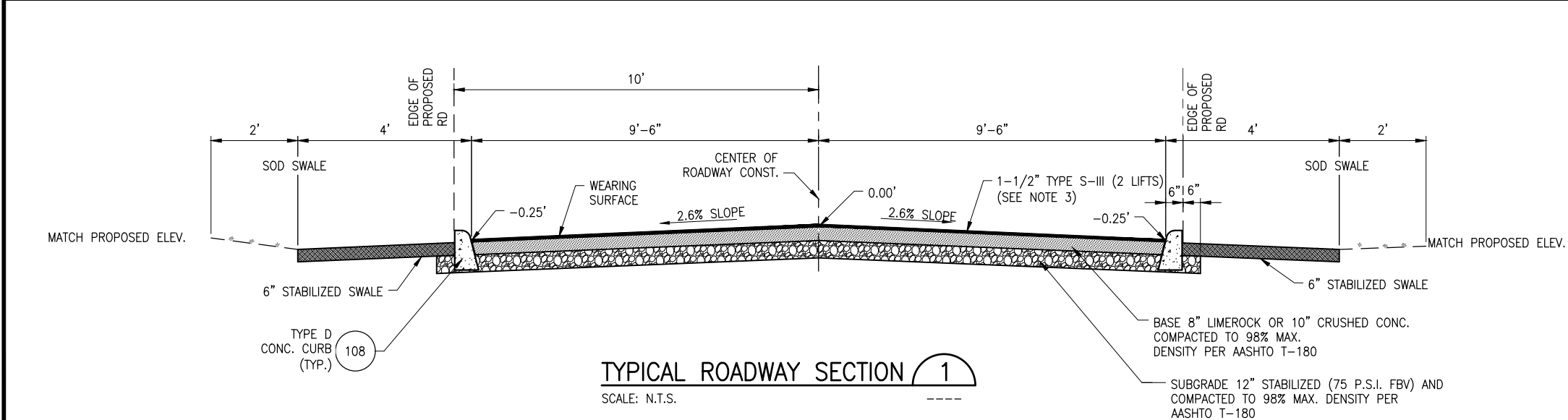
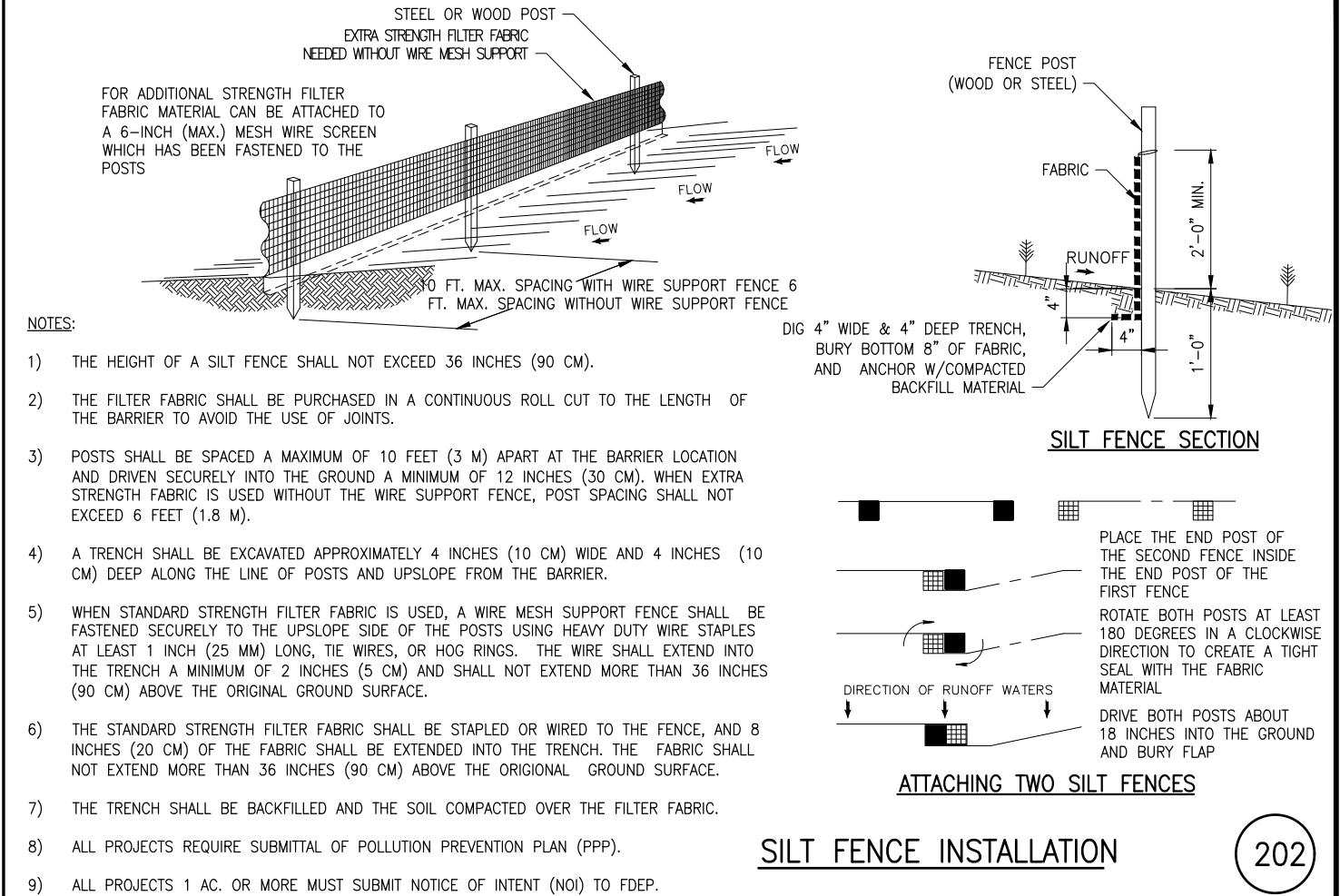
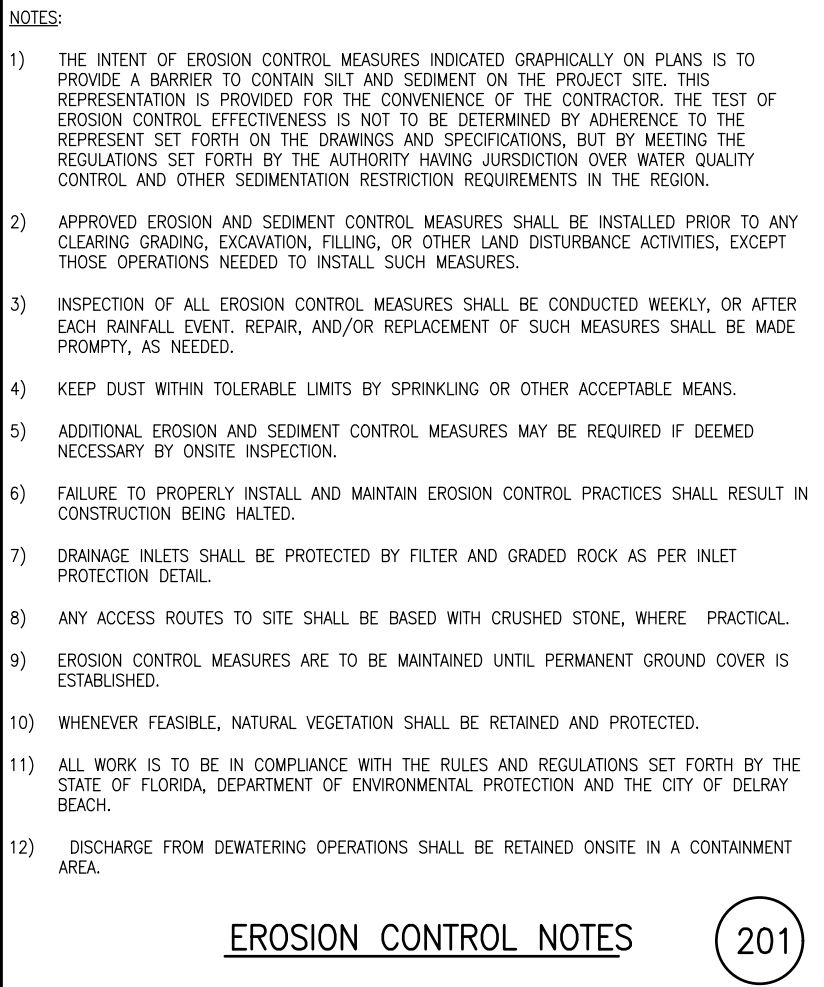
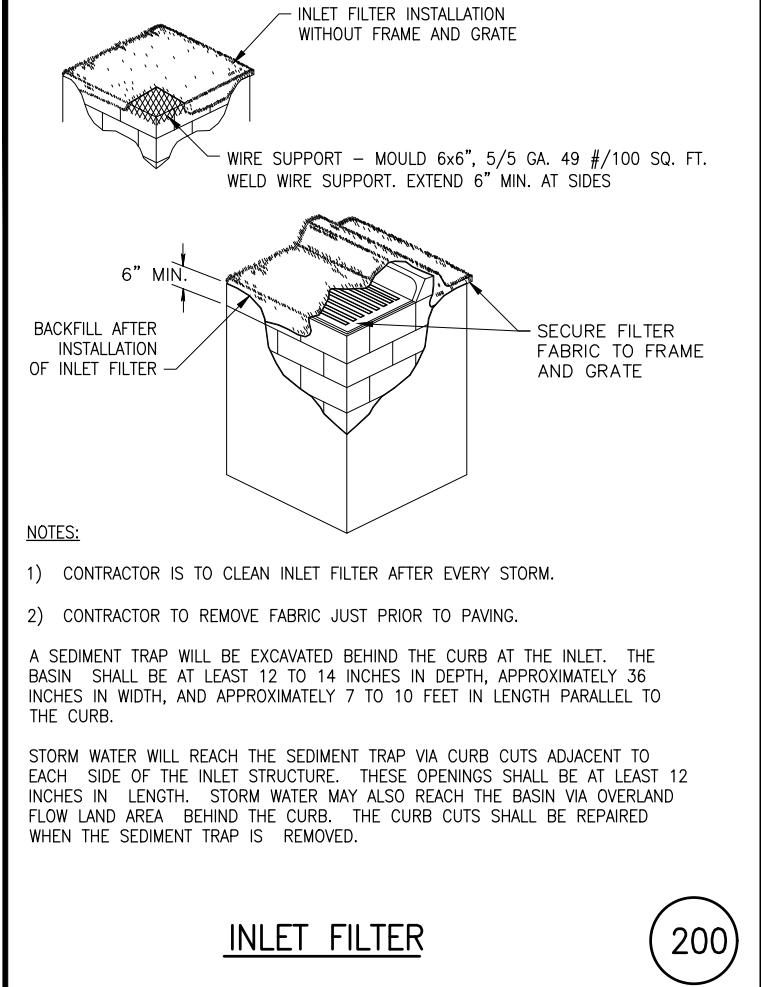
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110



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#### ROADWAY SECTION NOTES

- 1) PAVEMENT ELEVATION SHALL BE AS SPECIFIED ON CIVIL DRAWINGS.
- 2) SOD ENTIRE AREA OUTSIDE OF PAVEMENT AREA.
- 3) 2ND LIFT SHALL NOT TO BE PAVED UNTIL CONSTRUCTION VEHICLES AND EQUIPMENT HAVE COMPLETED WORK.
- 4) STABILIZED SHOULDER TO 50 P.S.I. F.B.V.

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FINAL SUBMITTAL

**DELRAY BEACH MEMORIAL  
GARDENS PLOT LAYOUT**  
**CITY OF DELRAY BEACH**  
**STANDARD DETAILS -  
SHEET 2**

PROJECT NO.	215-003.01
SHEET NO.	15 OF 15
FILE ID.	215-003.01_CD-01