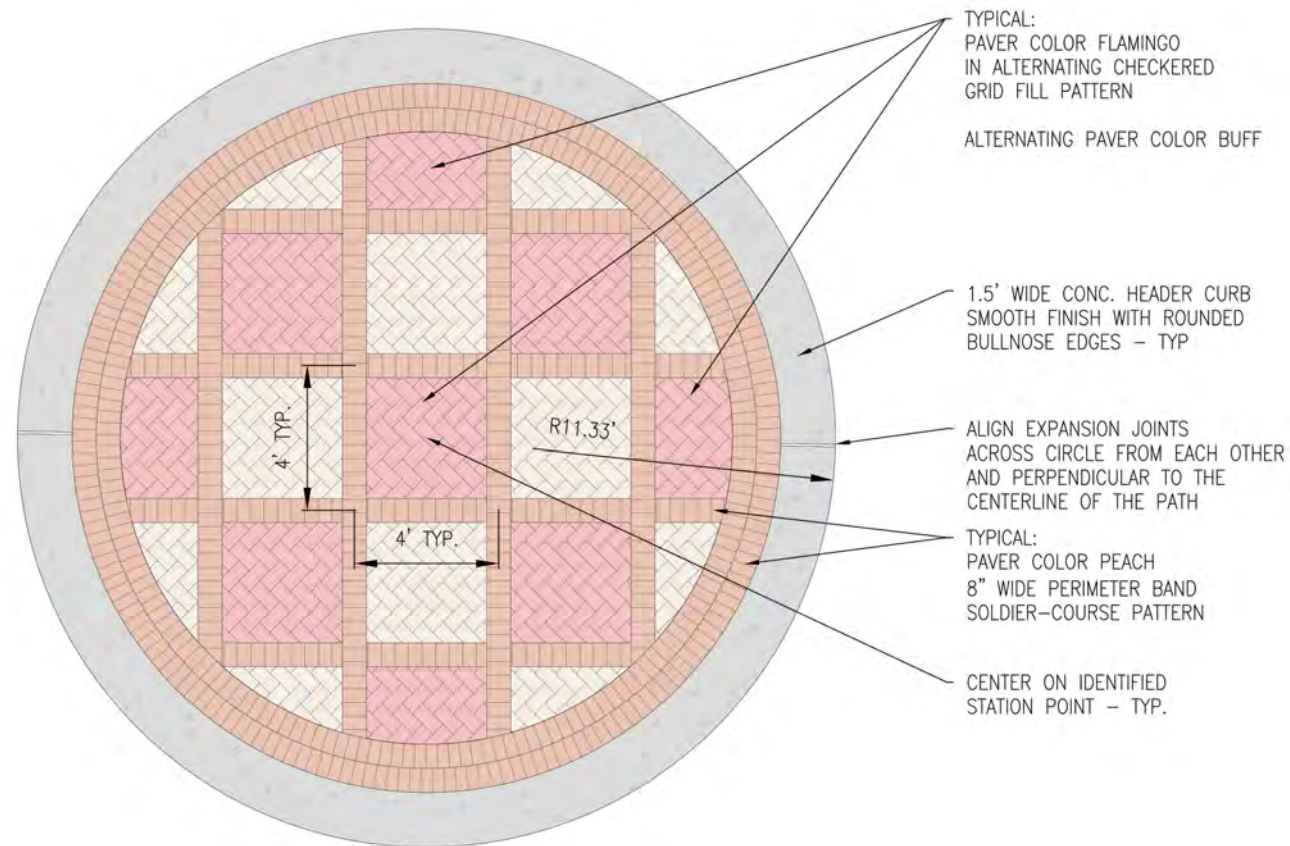
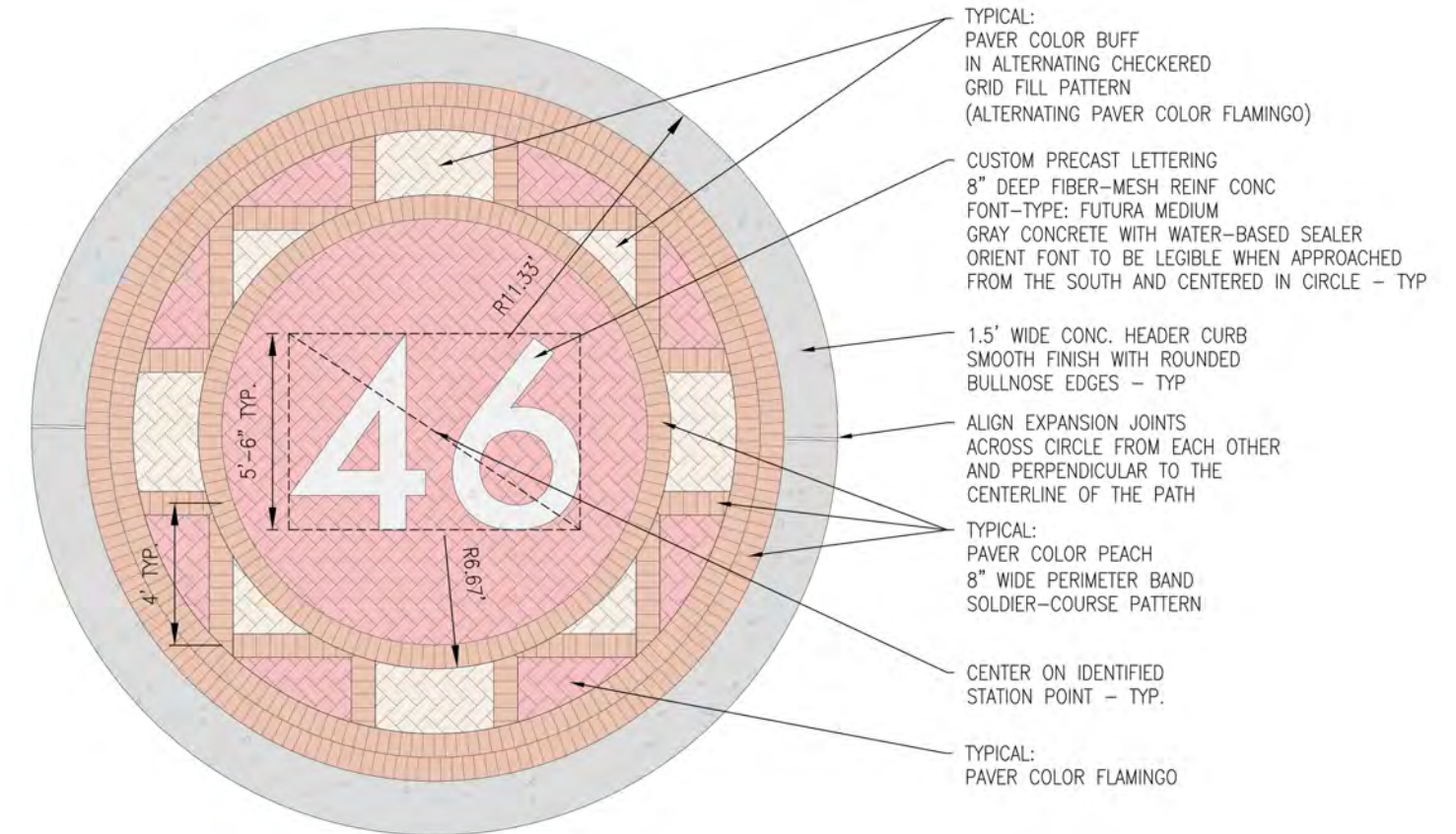


Approved Street Marker Paver Circle Identification Middle Beach Recreational Corridor



Paver Circle Design
Per Permit Plans
Middle Beach Recreational Corridor



Paver Circle Design with Street Markers
Modification Approved by the City
Middle Beach Recreational Corridor



Reviewed by

TYPICAL CIRCLE
PAVER
PATTERN DETAIL



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BEFORE YOU DIG

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SCALE	1" = 10'
PROJECT No	11-4080
PURPOSE OF THIS SET	BID SET

[illegible]

DESIGNED	---
DATE	---
CHECKED	---
DATE	---
ISSUED FOR	---
DATE	---



MBRC - PHASE II
CITY OF MIAMI BEACH - CIP OFFICE
CITY OF MIAMI BEACH, FLORIDA
SITE PLAN APPROVAL SET - NOT FOR CONSTRUCTION

PAVING DETAILS SECTION 2 (46TH-53RD ST)

TAMMY D. COOK-WEEDON, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No.1328

File Name: P:\Projects\2011\11-4080 MBRC PHII Extra 4\CADD Files\Drawings\Section 2\11-4080-PLANR001.dwg - (Plotted by: Lee Rowbottom on Friday, January 13, 2017 12:55:27 PM)

TOTAL OVERALL CUT CALCULATION QUANTITIES			
THE FOLLOWING QUANTITIES REPRESENT THE TOTAL AMOUNT OF SOILS THAT SHALL BE CUT AND RELOCATED ON SITE FOR BOTH SECTION 1 AND SECTION 2, WHICH ENCOMPASSES THE OVERALL EXTENT OF THE PROJECT.			
CUT/FILL SUMMARY			
NAME	CUT FACTOR	2D AREA	CUT
CUT	1.000	278,875.99 SQ. FT.	8,336.15 CU. YD.

NOTE: CUT IDENTIFIED ABOVE TO BE PLACED ON SITE IN THE FOLLOWING MANNER:
1. 3,450.72 CY WILL BE USED CUT FROM THE CORRIDOR LIMITS.
2. 124.24 WILL BE USED TO REGRADE THE PATH WITHIN THE SAME FOOTPRINT.
3. 2,975 CY OF FILL SHALL BE EXPORTED TO THE NORTH SHORE PARK BORROW SITE.
4. 351.48 CY. THE BALANCE OF THE CUT, WILL BE PLACED THROUGHOUT THE PROJECT IN LOCATIONS WHERE EXISTING INVASIVE NON-NATIVE SCAEVOLA SPECIES ARE TO BE REMOVED AND REPLANTED WITH NATIVE PIONEER AND STRAND SPECIES PER PLANTING PLANS (AVERAGE HEIGHT = 0.57').
5. NO FILL IS TO BE IMPORTED TO OR EXPORTED FROM THE SITE.
6. TOTAL PATH LENGTH = 3.351 L.F.
7. ALL OFF-SITE HARMONIZATION COST SHALL BE AT THE EXPENSE OF THE PROPERTY OWNER AT THE DIRECTION AND COORDINATION OF THE CITY.

CUT/FILL SUMMARY				
START	END	CUT (CY)	FILL (CY)	NET (CY)
PHASE II, SECTION 1				
LIMITS OF EXCAVATION				
34+61.24	95+39.57	5150.79	141.12	5009.67
IMPORTED CUT FROM NORTH SHORE PARK				
		2975		2975.00
LIMITS OF EMBANKMENT (EXOTICS, 0.57' DEPTH)				
			5683.97	-5683.97
LIMITS OF EMBANKMENT (DUNE EXTENSION, 3' DEPTH)				
			2382.7	-2382.70
PHASE II, SECTION 2				
LIMITS OF EXCAVATION				
2+10.85	34+61.24	3450.72	124.24	3326.48
EXPORTED FILL TO NORTH SHORE PARK				
		2975		-2975.00
LIMITS OF EMBANKMENT (EXOTICS, 0.57' DEPTH)				
			351.48	-351.48
TOTAL CUT TOTAL FILL NET				
		11576.51	11576.51	0.00

NOTE:
AN EXISTING COAXIAL UNDERGROUND CABLE BELONGING TO ATLANTIC BROADBAND FACILITIES IS PRESENT IN THIS AREA. A UTILITY COORDINATION SHOULD BE PERFORMED PRIOR TO ANY WORK COMMENCING. THE CONTACT INFORMATION IS AS FOLLOWS:

DAVID McBRIDE
CONSTRUCTION MANAGER
ATLANTIC BROADBAND
305-861-8069 EXT 5204
CELL: 305-9702130
dmcbride@atlanticbb.com

CITY OF MIAMI BEACH
INDIAN BEACH PARK
4601 COLLINS AVENUE

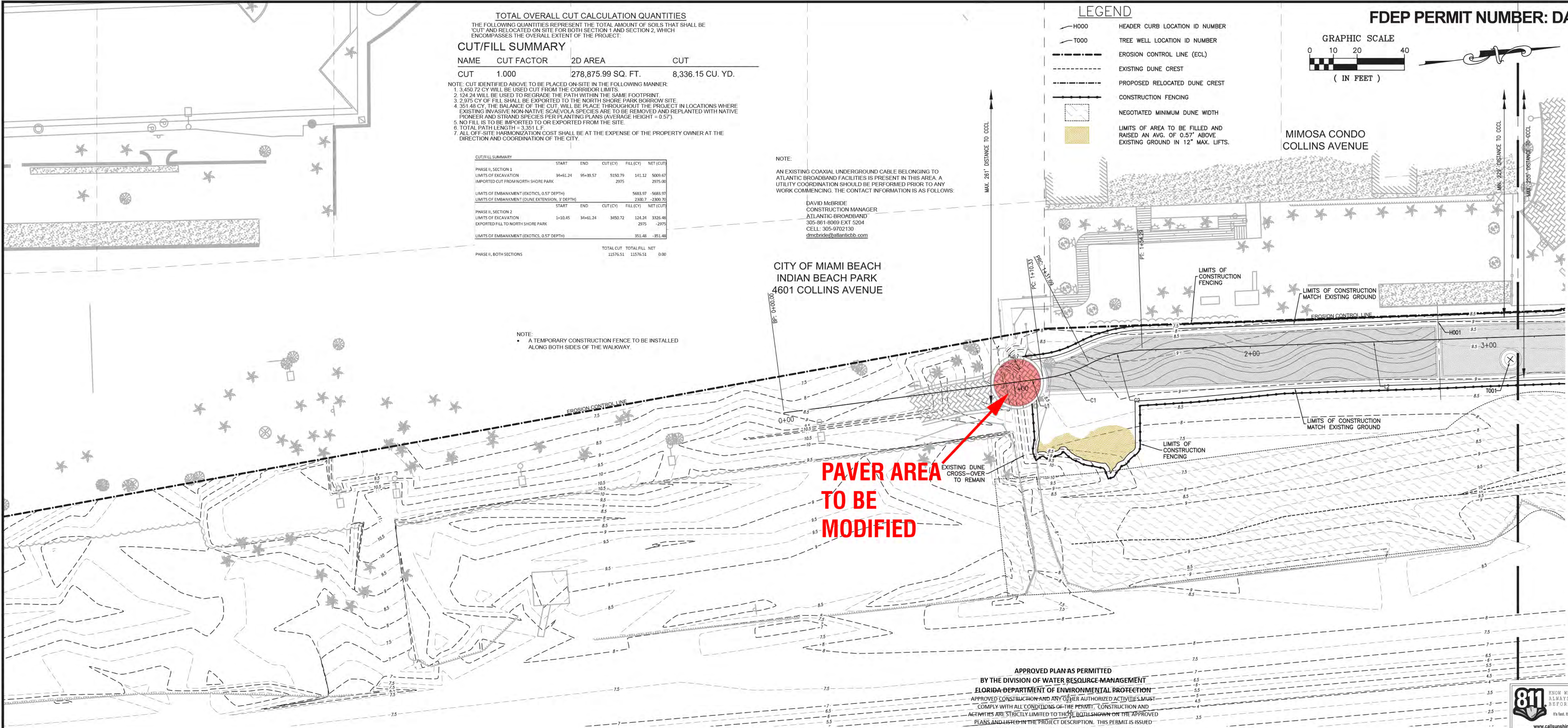
NOTE:
A TEMPORARY CONSTRUCTION FENCE TO BE INSTALLED ALONG BOTH SIDES OF THE WALKWAY.

- LEGEND
- H000 HEADER CURB LOCATION ID NUMBER
 - T000 TREE WELL LOCATION ID NUMBER
 - EROSION CONTROL LINE (ECL)
 - - - EXISTING DUNE CREST
 - - - PROPOSED RELOCATED DUNE CREST
 - CONSTRUCTION FENCING
 - NEGOTIATED MINIMUM DUNE WIDTH
 - LIMITS OF AREA TO BE FILLED AND RAISED AN AVG. OF 0.57' ABOVE EXISTING GROUND IN 12" MAX. LIFTS.

FDEP PERMIT NUMBER: DA-659

GRAPHIC SCALE
0 10 20 40
(IN FEET)

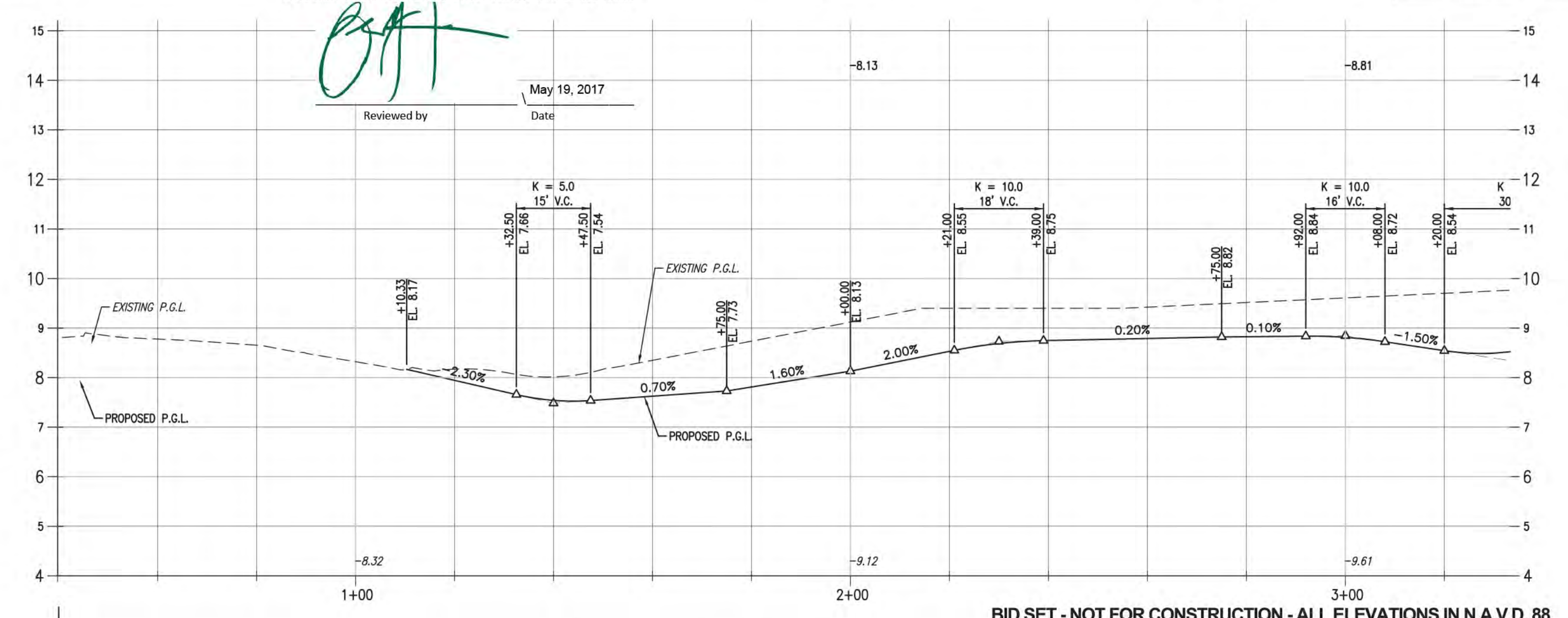
MIMOSA CONDO
COLLINS AVENUE



APPROVED PLAN AS PERMITTED
BY THE DIVISION OF WATER RESOURCE MANAGEMENT
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPROVED CONSTRUCTION AND ANY OTHER AUTHORIZED ACTIVITIES MUST
COMPLY WITH ALL CONDITIONS OF THE PERMIT. CONSTRUCTION AND
ACTIVITIES ARE STRICTLY LIMITED TO THOSE BOTH SHOWN ON THE APPROVED
PLANS AND LISTED IN THE PROJECT DESCRIPTION. THIS PERMIT IS ISSUED
PURSUANT TO CH. 161, F.S. AND OTHER PERMITS MAY BE REQUIRED.

Reviewed by *BAH* Date May 19, 2017

RECEIVED
02/24/2017
DIVISION OF WATER
RESOURCE MANAGEMENT
DA-659 M1

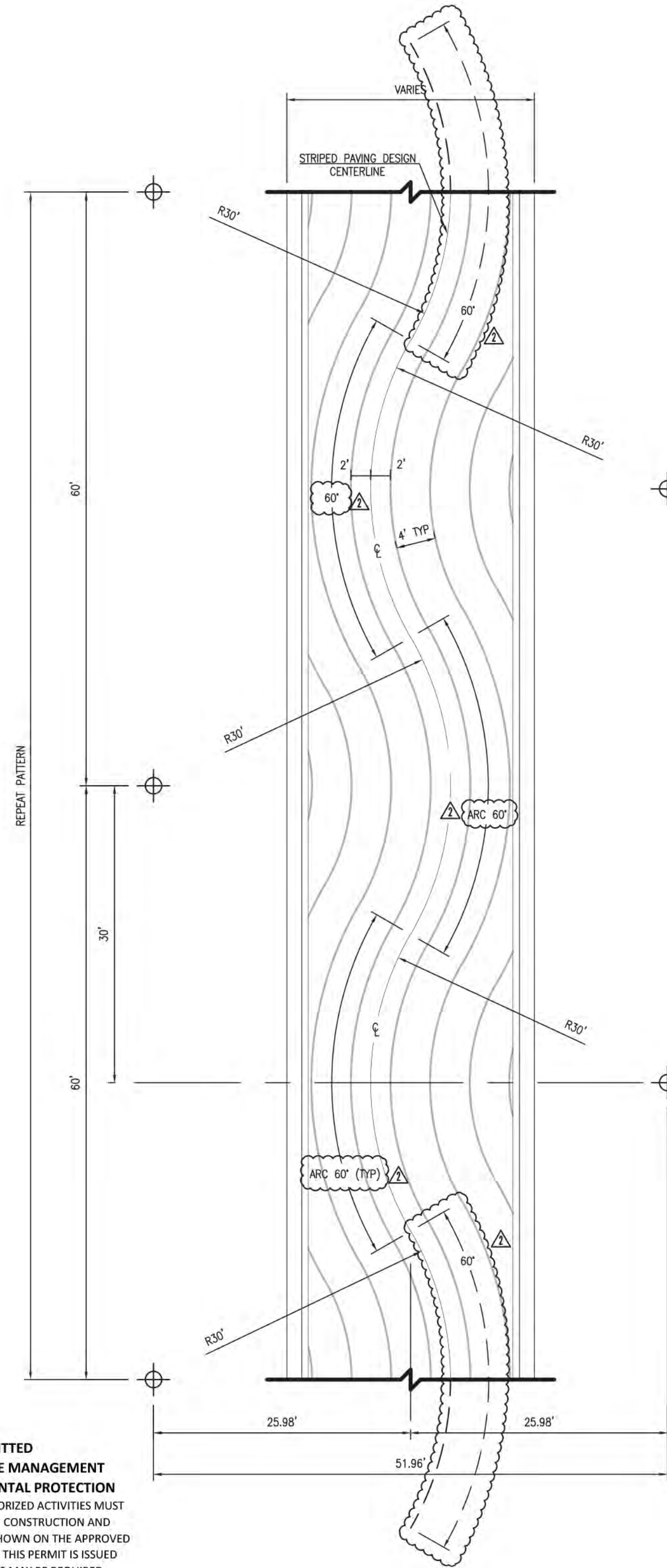


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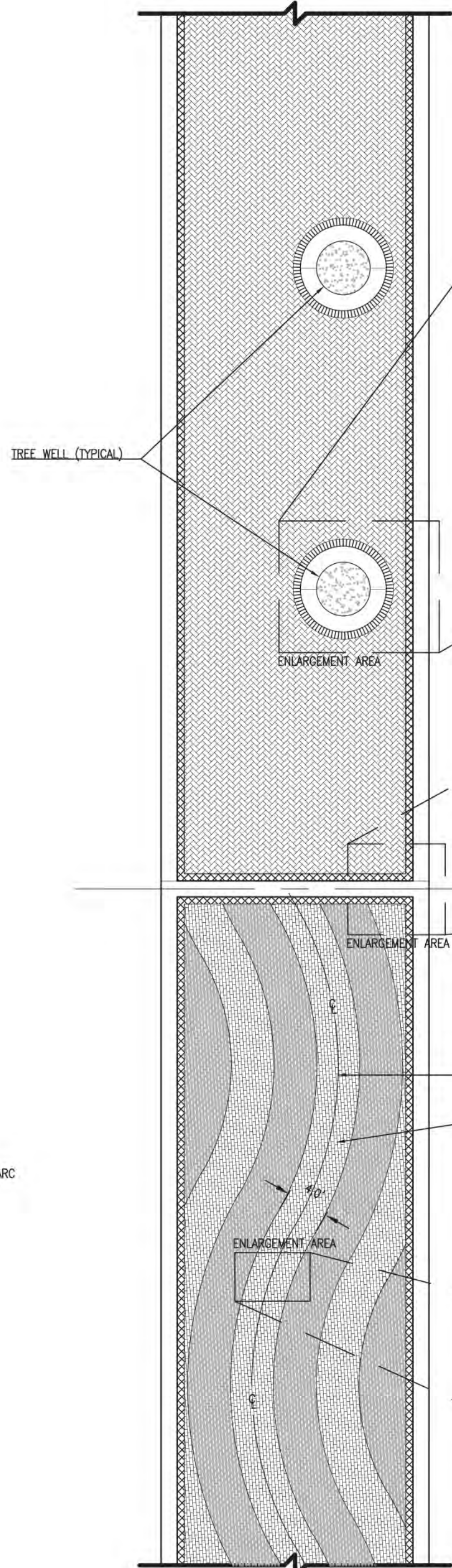
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APPROVED PLAN AS PERMITTED
BY THE DIVISION OF WATER RESOURCE MANAGEMENT
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPROVED CONSTRUCTION AND ANY OTHER AUTHORIZED ACTIVITIES MUST
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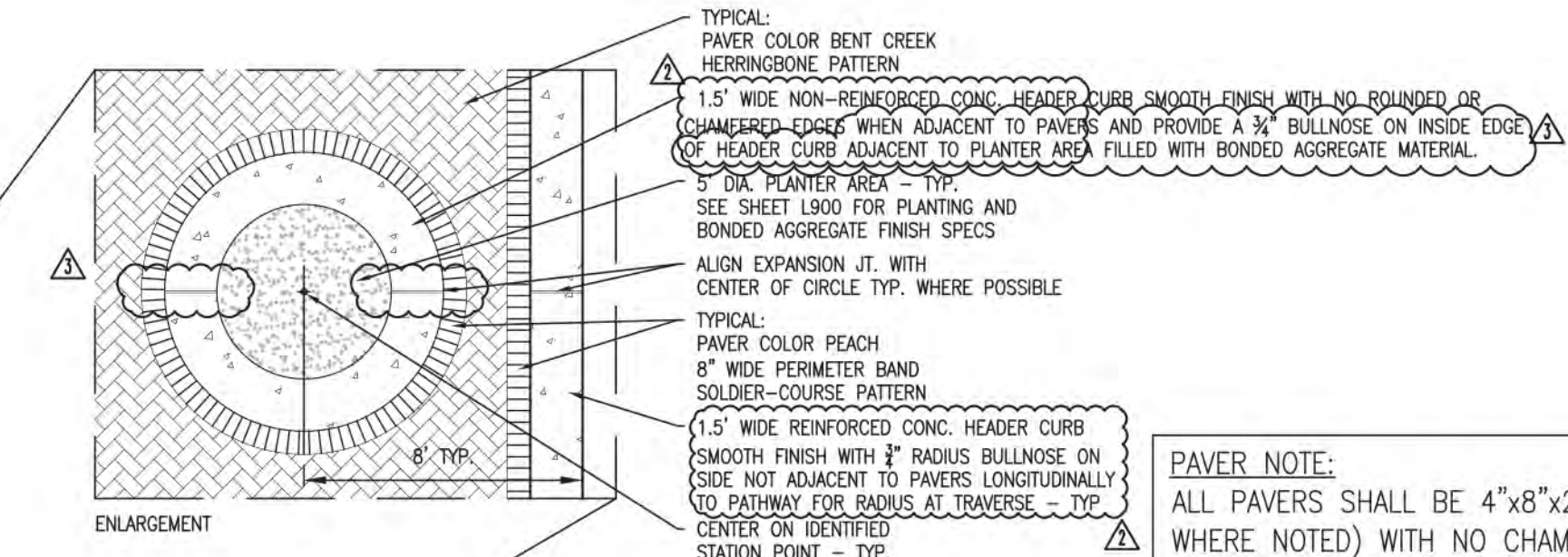

Reviewed by
Date



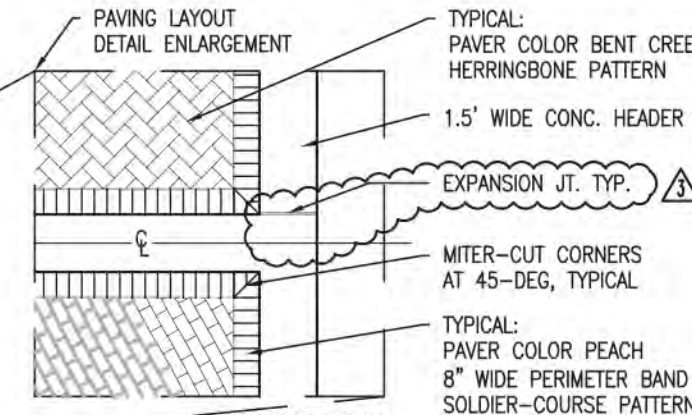
TYPICAL PAVER GEOMETRY
LAYOUT DETAIL



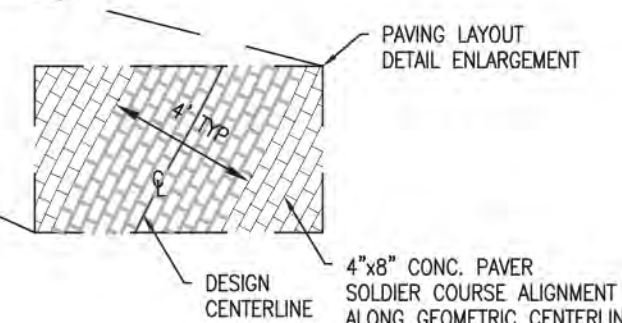
TYPICAL PAVER
PATTERN DETAIL



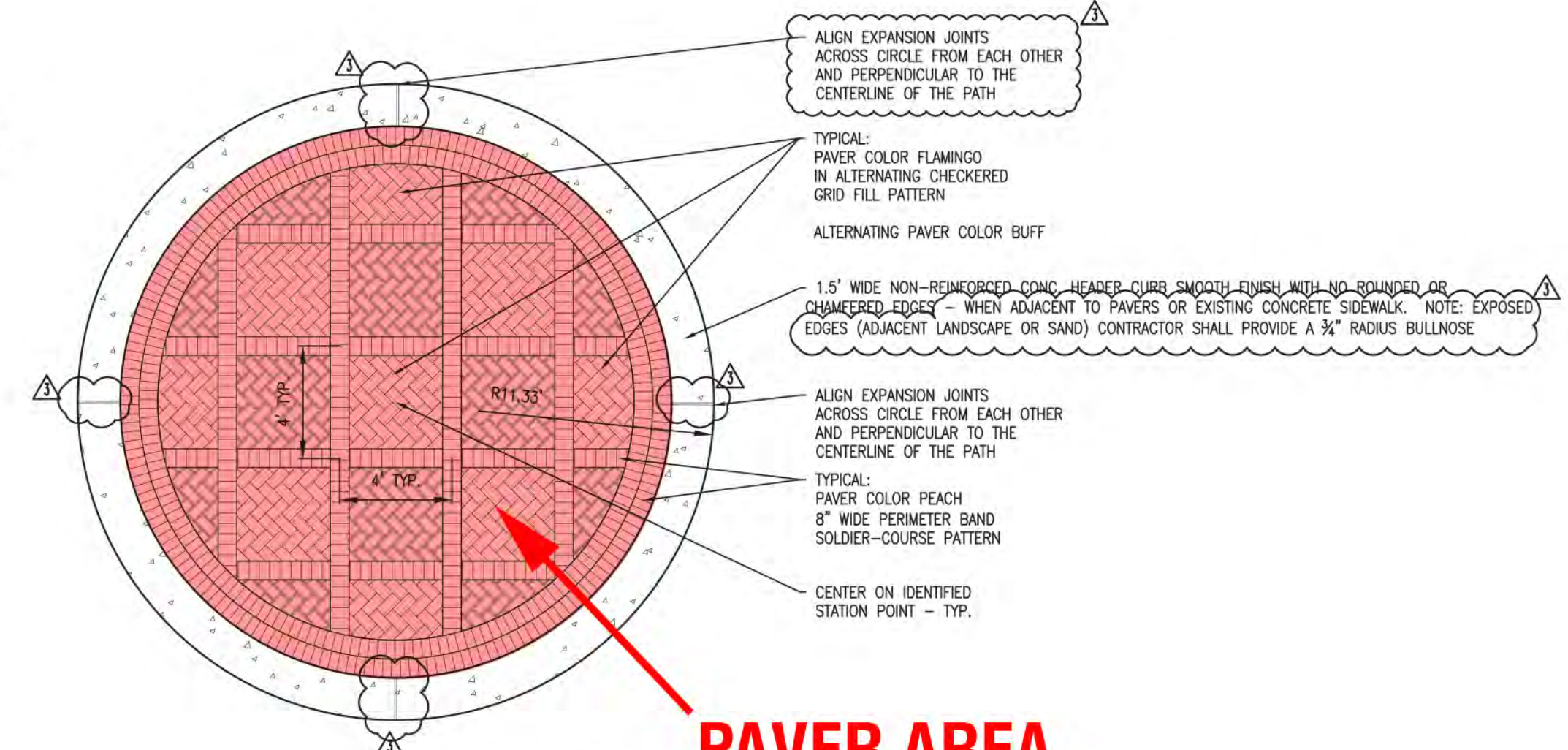
TREE WELL ENLARGEMENT
N.T.S.



HEADER CURB ENLARGEMENT
N.T.S.



PAVER ENLARGEMENT
N.T.S.



TYPICAL CIRCLE
PAVER
PATTERN DETAIL

PAVER NOTE:
ALL PAVERS SHALL BE 4"x8"x2-3/8" (EXCEPT
WHERE NOTED) WITH NO CHAMFERED EDGES; ALL
PAVER JOINTS SHALL BE WITH 90-DEG SHARP EDGES
AND FLUSH. COLORS INDICATED MATCH OLD CASTLE
PAVER COLORS; EXCEPTIONS SHALL BE AN EXACT
MATCH TO THE SPECIFIED COLORS; IN THE CASE OF
A POSSIBLE ALTERNATE MANUFACTURER, CONTRACTOR
SHALL PROVIDE SAMPLES FOR BOTH THE PROPOSED
ALTERNATE AND THE MATCHING OLD CASTLE BRAND
PAVER FOR APPROVAL BY LANDSCAPE ARCHITECT
PRIOR TO INSTALLATION. REPLACEMENTS WITHOUT
WRITTEN AUTHORIZATION BY LANDSCAPE ARCHITECT
SHALL BE REPLACED AT THE CONTRACTOR'S SOLE
COST AND EXPENSE.

PAVER AREA
TO BE
MODIFIED

RECEIVED
02/24/2017
DIVISION OF WATER
RESOURCE MANAGEMENT
DA-659 M1

NO	DATE	REVISION	BY	NO	DATE	REVISION	BY
1	01/17/17	REVISED FOR ECL ADJUSTMENT	LCR				
2	10/13/16	REVISED FOR CLARIFICATION	MM/LCR				
3	07/05/16	REVISED FOR CLARIFICATION	LCR				

DESIGNED
DATE
CHECKED
DATE
ISSUED FOR
DATE

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954-921-7781 • Fax: 954-921-8807
Certificate of Authorization LC00000339

MBRC - PHASE II
CITY OF MIAMI BEACH - CIP OFFICE
CITY OF MIAMI BEACH, FLORIDA

PAVING DETAILS SECTION 1
(53RD-64TH ST)

BID SET - NOT FOR CONSTRUCTION - ALL ELEVATION IN N.A.V.D.88

TAMMY D. COOK-WEEDON, R.L.A.
STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT
LICENSE No. 1328

SCALE 1" = 10'

PROJECT No 11-4080

PURPOSE OF THIS SET BID SET

DATE JANUARY 17, 2017

SHEET C002

File Name: P:\Projects\2011\11-4080 MBRC PH1 Extra 4\CADD Files\Drawings\Section 1\11-4080-PLANR001.dwg (Plotted by: Lee Rowbottom on Monday, January 16, 2017 2:56:30 PM)

LEGEND

- H000 HEADER CURB LOCATION ID NUMBER
- T000 TREE WELL LOCATION ID NUMBER
- - - EROSION CONTROL LINE (ECL)
- - - EXISTING DUNE CREST
- - - PROPOSED RELOCATED DUNE CREST
- - - CONSTRUCTION FENCING
- NEGOTIATED MINIMUM DUNE WIDTH
- PROPOSED RELOCATED DUNE CREST AREA TO BE RAISED 3' ABOVE EXISTING GROUND IN 12" MAX. LIFTS. LIMITS OF AREA TO BE FILLED AND RAISED AN AVG. OF 0.57' ABOVE EXISTING GROUND IN 12" MAX. LIFTS.

NOTE:
AN EXISTING COAXIAL UNDERGROUND CABLE BELONGING TO ATLANTIC BROADBAND FACILITIES IS PRESENT IN THIS AREA. A UTILITY COORDINATION SHOULD BE PERFORMED PRIOR TO ANY WORK COMMENCING. THE CONTACT INFORMATION IS AS FOLLOWS:

DAVID McBRIDE
CONSTRUCTION MANAGER
ATLANTIC BROADBAND
305-861-8069 EXT 5204
CELL: 305-9702130
dmcbride@atlanticbb.com

NOTE:
A TEMPORARY CONSTRUCTION FENCE TO BE INSTALLED ALONG BOTH SIDES OF THE WALKWAY.

CUT/FILL SUMMARY

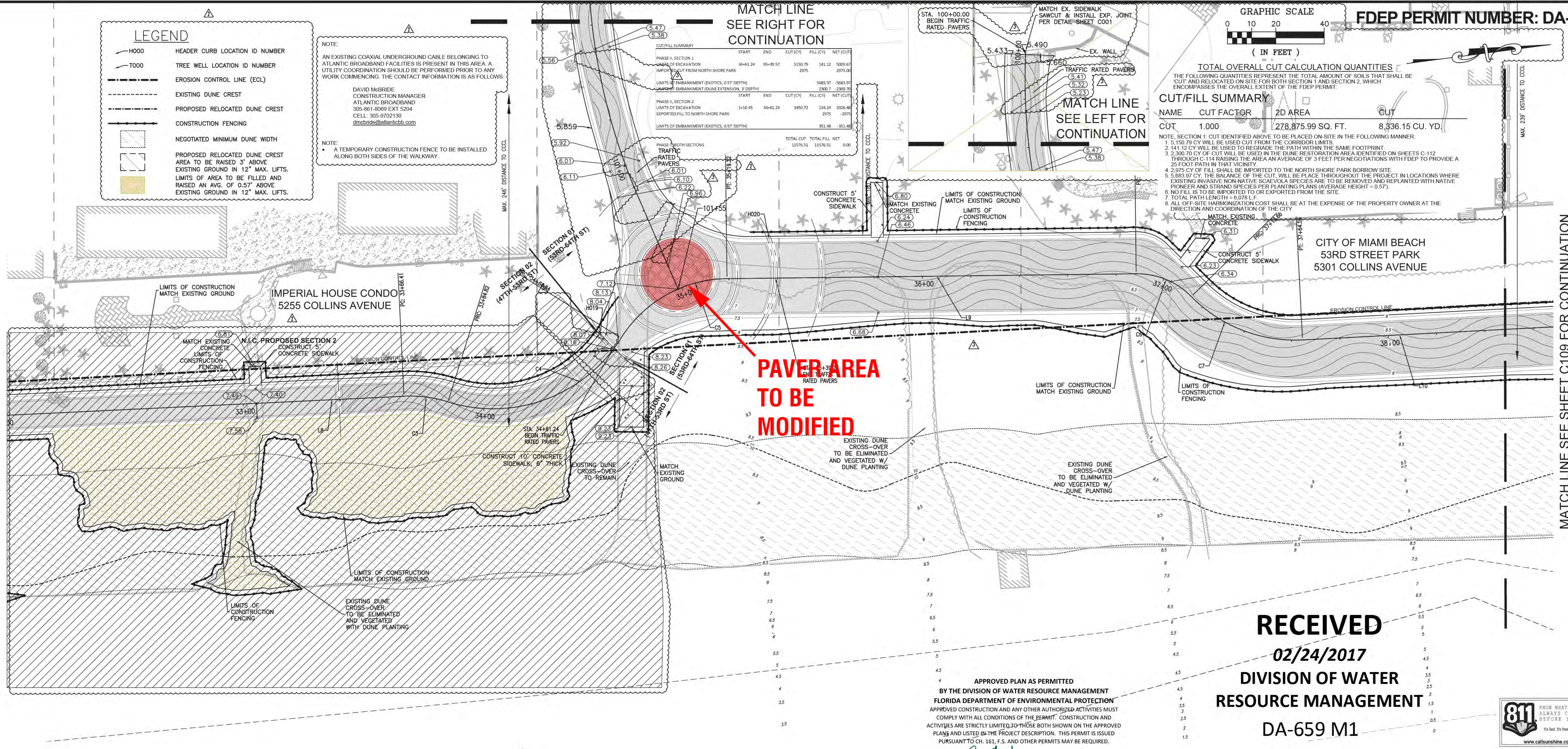
NAME	CUT FACTOR	2D AREA	CUT
CUT	1.000	278,875.99 SQ. FT.	8,336.15 CU. YD.

NOTE: SECTION 1: CUT IDENTIFIED ABOVE TO BE PLACED ON-SITE IN THE FOLLOWING MANNER:
1. 5,150.79 CY WILL BE USED CUT FROM THE CORRIDOR LIMITS.
2. 141.12 CY WILL BE USED TO REGRADE THE PATH WITHIN THE SAME FOOTPRINT.
3. 2,300.70 CY OF CUT WILL BE USED IN THE DUNE RESTORATION AREA IDENTIFIED ON SHEETS C-112 THROUGH C-114 RAISING THE AREA AN AVERAGE OF 3 FEET PER NEGOTIATIONS WITH FDEP TO PROVIDE A 25 FOOT PATH IN THAT VICINITY.
4. 2,075 CY OF FILL SHALL BE IMPORTED TO THE NORTH SHORE PARK BORROW SITE.
5. 5,683.97 CY, THE BALANCE OF THE CUT, WILL BE PLACED THROUGHOUT THE PROJECT IN LOCATIONS WHERE EXISTING INVASIVE NON-NATIVE SCAEVOLA SPECIES ARE TO BE REMOVED AND REPLANTED WITH NATIVE PIONEER AND STRAND SPECIES PER PLANTING PLANS (AVERAGE HEIGHT = 0.57').
6. NO FILL IS TO BE IMPORTED TO OR EXPORTED FROM THE SITE.
7. TOTAL PATH LENGTH = 6,078 L.F.
8. ALL OFF-SITE HARMONIZATION COST SHALL BE AT THE EXPENSE OF THE PROPERTY OWNER AT THE DIRECTION AND COORDINATION OF THE CITY.

GRAPHIC SCALE
0 10 20 40
(IN FEET)

FDEP PERMIT NUMBER: DA-659

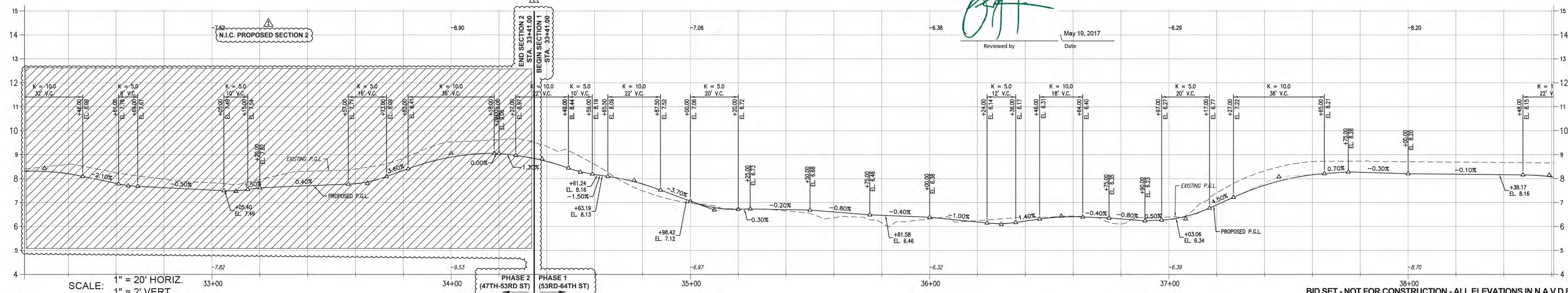
TOTAL OVERALL CUT CALCULATION QUANTITIES
THE FOLLOWING QUANTITIES REPRESENT THE TOTAL AMOUNT OF SOILS THAT SHALL BE CUT AND RELOCATED ON SITE FOR BOTH SECTION 1 AND SECTION 2, WHICH ENCOMPASSES THE OVERALL EXTENT OF THE FDEP PERMIT.



APPROVED PLAN AS PERMITTED
BY THE DIVISION OF WATER RESOURCE MANAGEMENT
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPROVED CONSTRUCTION AND ANY OTHER AUTHORIZED ACTIVITIES MUST COMPLY WITH ALL CONDITIONS OF THE PERMIT. CONSTRUCTION AND ACTIVITIES ARE STRICTLY LIMITED TO THOSE BOTH SHOWN ON THE APPROVED PLANS AND LISTED IN THE PROJECT DESCRIPTION. THIS PERMIT IS ISSUED PURSUANT TO CH. 161, F.S. AND OTHER PERMITS MAY BE REQUIRED.

Reviewed by: *[Signature]* Date: May 19, 2017

RECEIVED
02/24/2017
DIVISION OF WATER
RESOURCE MANAGEMENT
DA-659 M1



NO	DATE	REVISION	BY	NO	DATE	REVISION	BY
1	01/17/17	REVISED FOR ECL ADJUSTMENT	LCR				
2	10/13/16	REVISED FOR CLARIFICATION	MM/LCR				
3	07/05/16	REVISED FOR CLARIFICATION	LCR				

DESIGNED DATE: _____
CHECKED DATE: _____
ISSUED FOR DATE: _____

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONSSM
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954-921-7781 • Fax: 954-921-8807

MBRC - PHASE II
CITY OF MIAMI BEACH - CIP OFFICE
CITY OF MIAMI BEACH, FLORIDA

PLAN AND PROFILE
SECTION 1
(53RD-64TH ST)

BID SET - NOT FOR CONSTRUCTION - ALL ELEVATIONS IN N.A.V.D.88

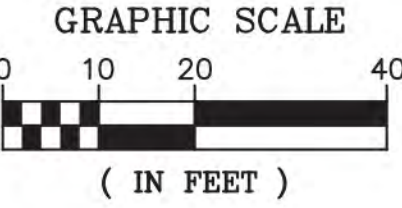
DAVID W. FRODSHAM, P.E.
STATE OF FLORIDA PROFESSIONAL ENGINEER
LICENSE No. 75507

SCALE: 1"=20' HORIZ.
1"=2' VERT.

PROJECT No: 11-4080
PURPOSE OF THIS SET: BID SET

SHEET: **C108**

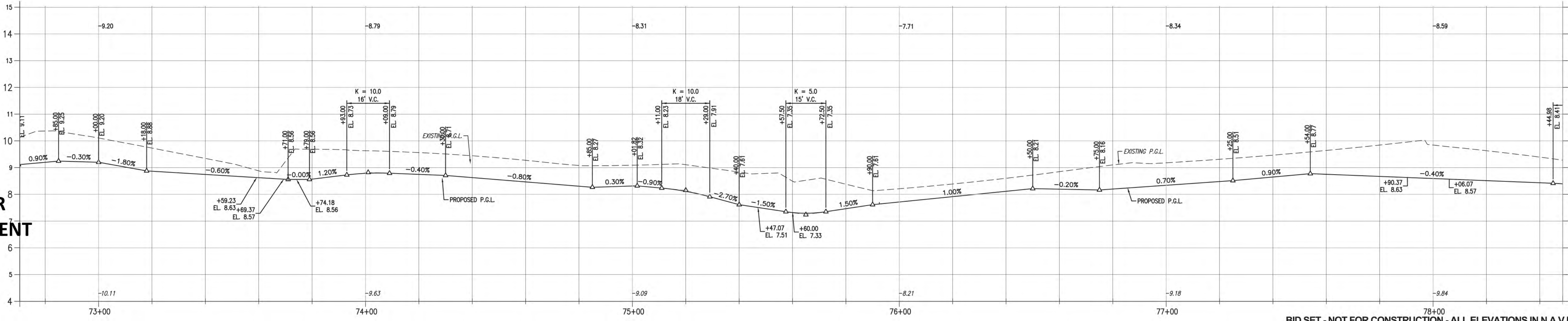
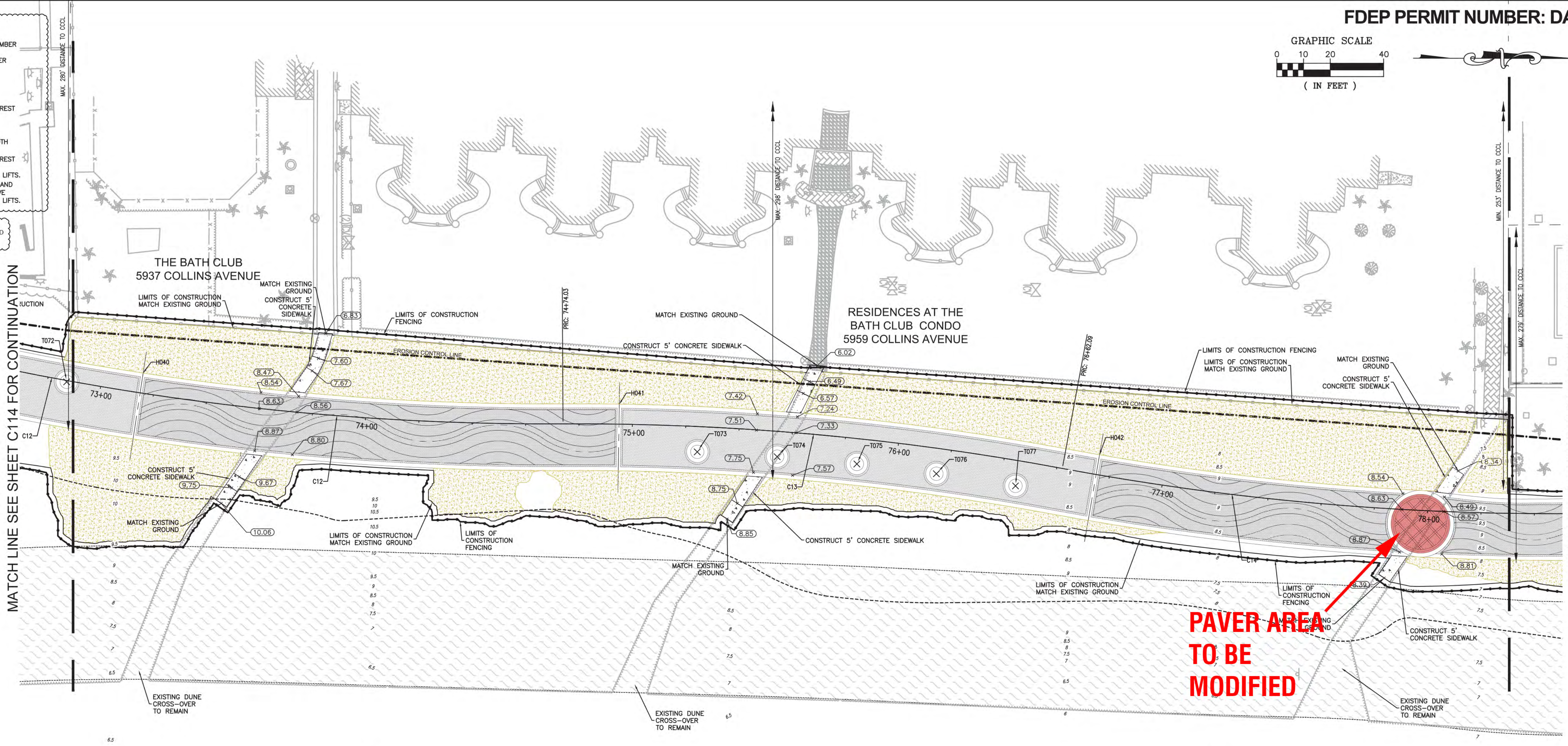
DATE: JANUARY 17, 2017



LEGEND

- H000 HEADER CURB LOCATION ID NUMBER
- T000 TREE WELL LOCATION ID NUMBER
- EROSION CONTROL LINE (ECL)
- EXISTING DUNE CREST
- PROPOSED RELOCATED DUNE CREST
- CONSTRUCTION FENCING
- NEGOTIATED MINIMUM DUNE WIDTH
- PROPOSED RELOCATED DUNE CREST AREA TO BE RAISED 3" ABOVE EXISTING GROUND IN 12" MAX. LIFTS. LIMITS OF AREA TO BE FILLED AND RAISED AN AVG. OF 0.57' ABOVE EXISTING GROUND IN 12" MAX. LIFTS.

NOTE:
• A TEMPORARY CONSTRUCTION FENCE TO BE INSTALLED ALONG BOTH SIDES OF THE WALKWAY.



RECEIVED
02/24/2017
DIVISION OF WATER
RESOURCE MANAGEMENT
DA-659 M1

SCALE: 1" = 20' HORIZ.
1" = 2' VERT.

NO	DATE	REVISION	BY	NO	DATE	REVISION	BY
1	01/17/17	REVISED FOR ECL ADJUSTMENT	LCR				
2	07/05/16	REVISED FOR CLARIFICATION	LCR				

DESIGNED	DATE	----
CHECKED	DATE	----
ISSUED FOR	DATE	----

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EXCEPTIONAL SOLUTIONSSM
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MBRC - PHASE II
CITY OF MIAMI BEACH - CIP OFFICE
CITY OF MIAMI BEACH, FLORIDA

PLAN AND PROFILE
SECTION 1
(53RD-64TH ST)

BID SET - NOT FOR CONSTRUCTION - ALL ELEVATIONS IN N.A.V.D.88

DAVID W. FRODSHAM, P.E.
STATE OF FLORIDA PROFESSIONAL ENGINEER
LICENSE No. 75507
DATE JANUARY 17, 2017

SCALE 1:20
PROJECT No 11-4080
PURPOSE OF THIS SET BID SET

C115

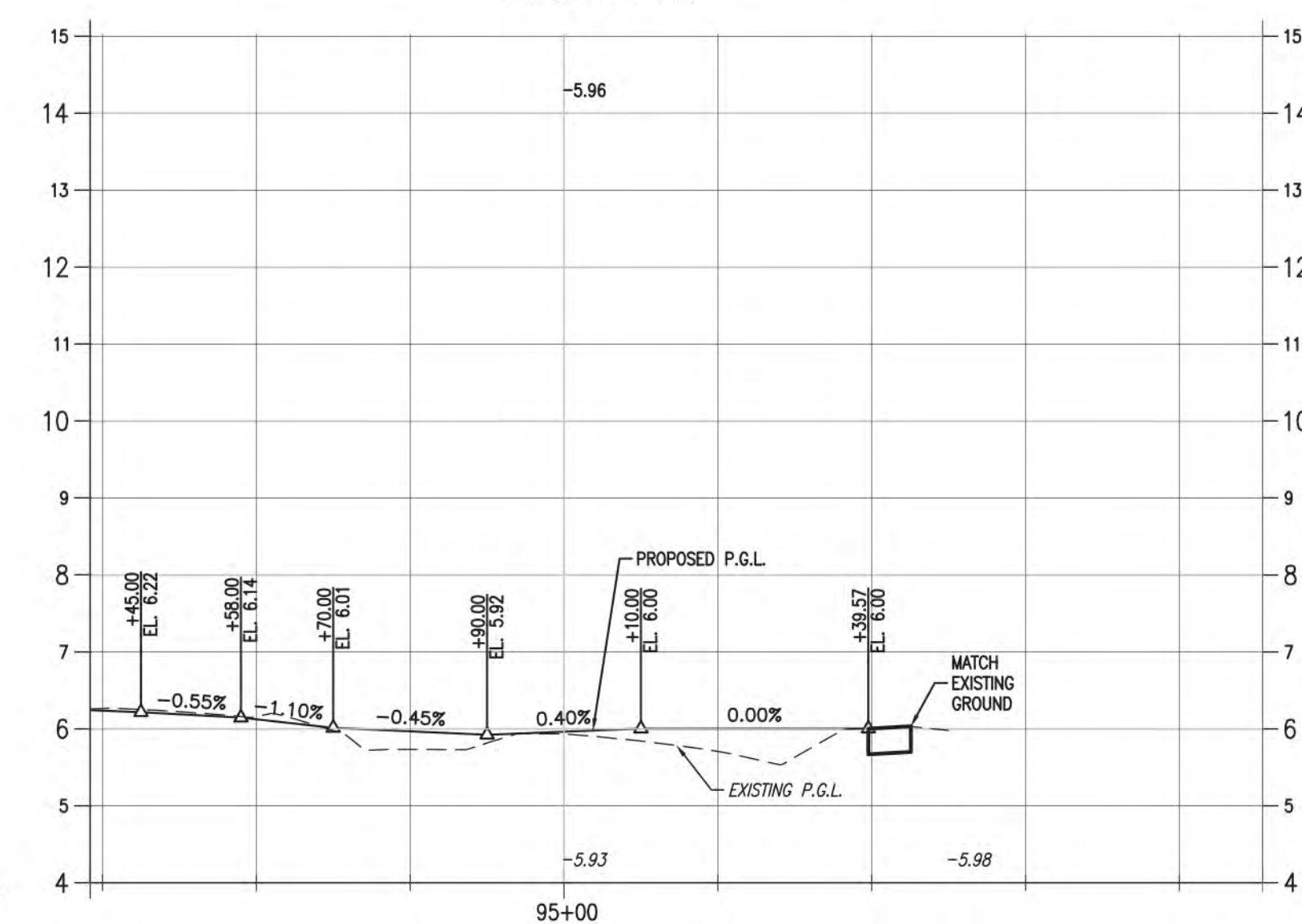
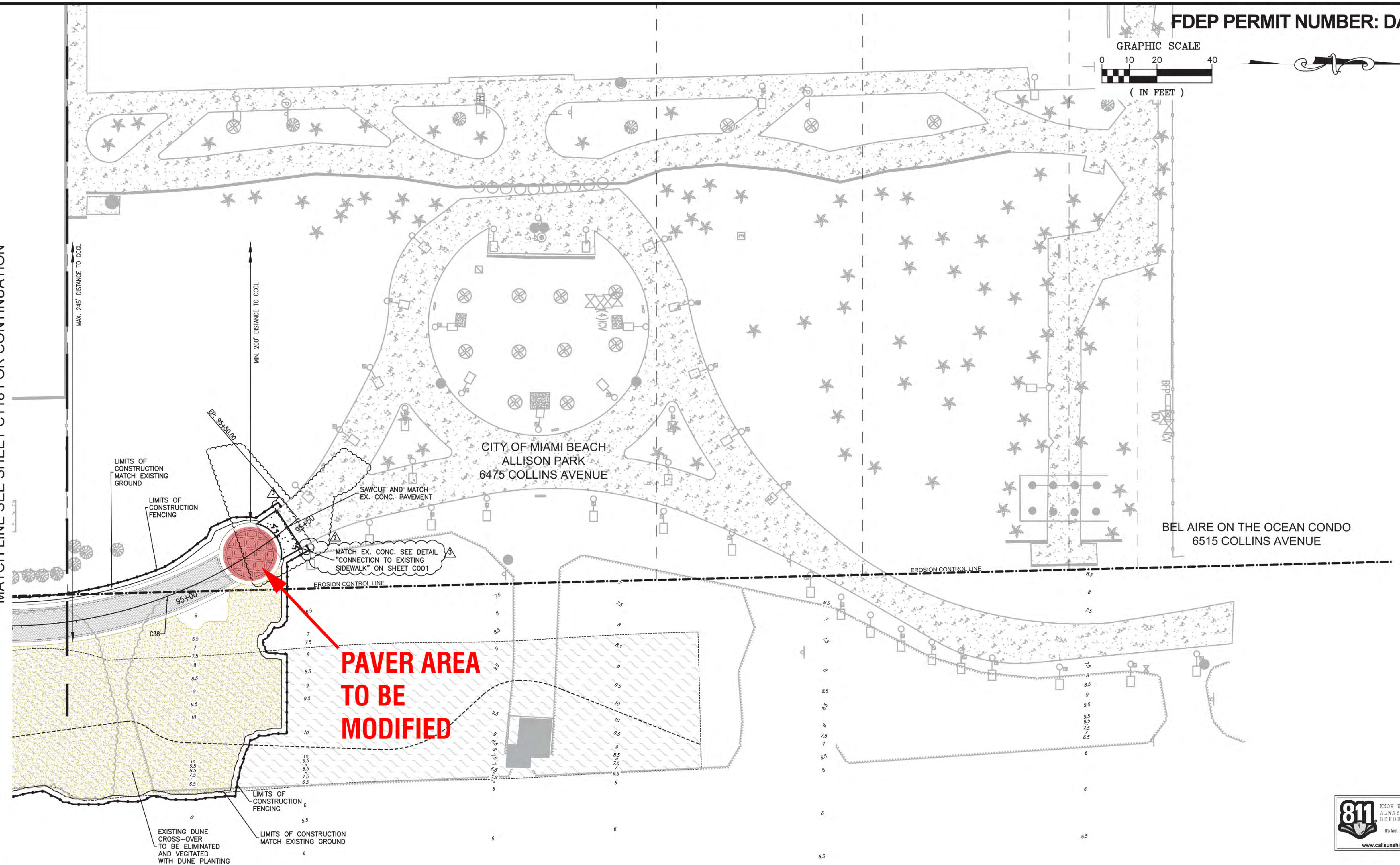


	HEADER CURB LOCATION ID NUMBER
	TREE WELL LOCATION ID NUMBER
	EROSION CONTROL LINE (ECL)
	EXISTING DUNE CREST
	PROPOSED RELOCATED DUNE CREST
	CONSTRUCTION FENCING
	NEGOTIATED MINIMUM DUNE WIDTH
	PROPOSED RELOCATED DUNE CREST AREA TO BE RAISED 3' ABOVE EXISTING GROUND IN 12" MAX. LIFTS.
	LIMITS OF AREA TO BE FILLED AND RAISED AN AVG. OF 0.57' ABOVE EXISTING GROUND IN 12" MAX. LIFTS.

NOTE:

- A TEMPORARY CONSTRUCTION FENCE TO BE INSTALLED ALONG BOTH SIDES OF THE WALKWAY.

MATCH LINE SEE SHEET C118 FOR CONTINUATION



SCALE: 1" = 20' HORIZ.
1" = 2' VERT.

RECEIVED
02/24/2017
**DIVISION OF WATER
RESOURCE MANAGEMENT**

DA-659 M1

BID SET - NOT FOR CONSTRUCTION - ALL ELEVATIONS IN N.A.V.D.88

[illegible]

MBRC - PHASE II
CITY OF MIAMI BEACH - CIP OFFICE
CITY OF MIAMI BEACH, FLORIDA

PLAN AND PROFILE SECTION 1 (53RD-64TH ST)

DAVID W. FRODSHAM, P.E.
STATE OF FLORIDA PROFESSIONAL ENGINEER
LICENSE No. 75507

DATE JANUARY 17, 2017

SCALE	1:20	SHEET	4
PROJECT No	11-4080	C119	
PURPOSE OF THIS SET	BID SET		