

CITY OF MIAMI CURTIS PARK BOAT RAMP IMPROVEMENTS MIAMI, FLORIDA



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MAY 15 2015

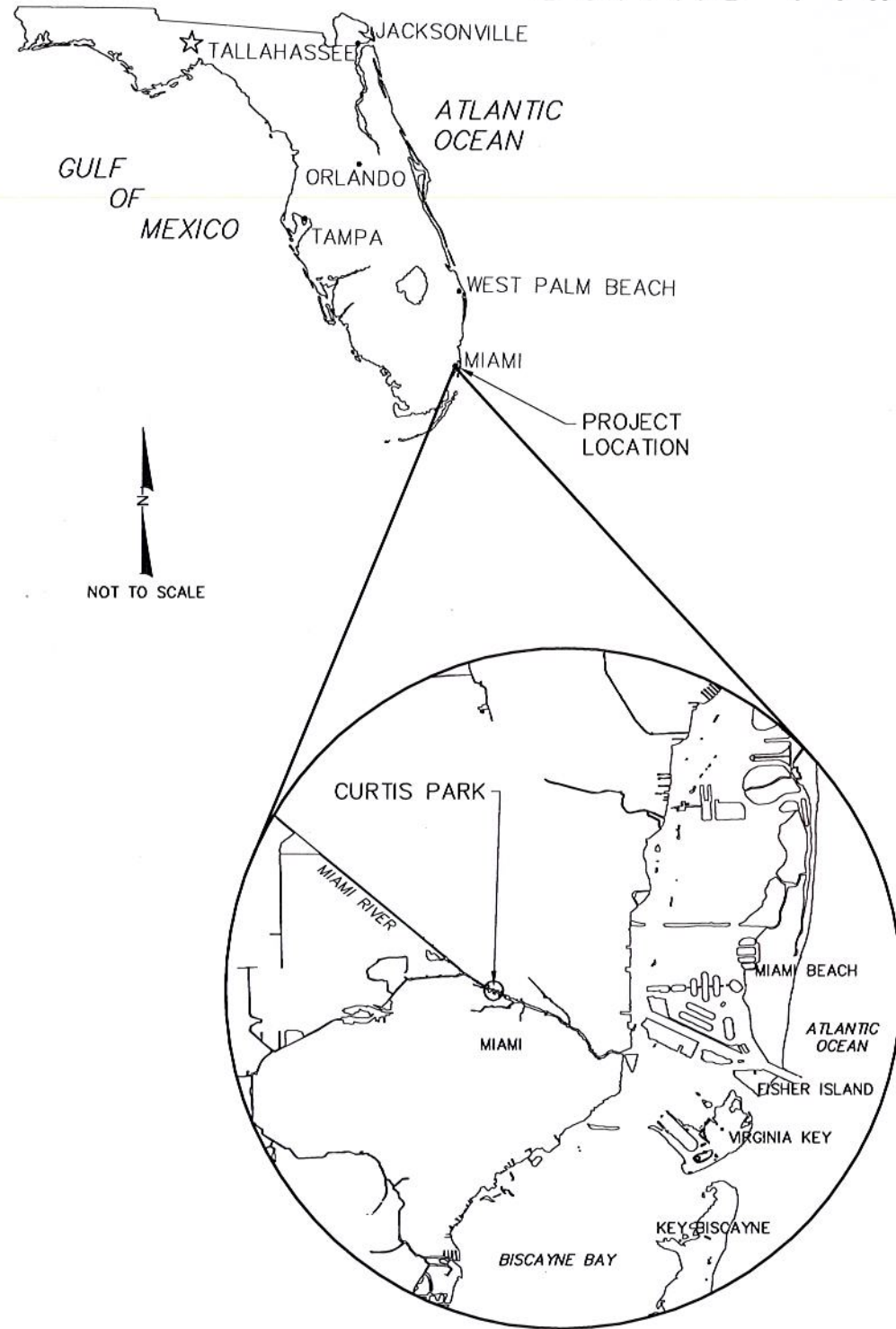
DERM
Environmental Resources Regulation Division



0 400 800
GRAPHIC SCALE IN FT

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**RER - NATURAL RESOURCES DIVISION
PRELIMINARY APPROVAL**
 NAME R. Alal
 DATE 5/22/15

SCOPE OF WORK:

1. REPAIR BOAT RAMP.
2. ENHANCE BOAT RAMP.
3. ADD SOIL RETENTION STRUCTURE.
4. EXPAND PARKING LOT TO ACCOMMODATE BOAT TRAILERS.
5. CORRECTIVE ACTION PLAN FOR CONTAMINATED SEDIMENTS.

DOUGLAS W. MANN
 LICENSE
 No. 44046
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

PARKING LOT, BOAT RAMP AND MARINE STRUCTURES:

5/12/15

DOUGLAS W. MANN P.E. NO. 44046

DATE

CB&I Environmental and Infrastructure, Inc.
 14350 COMMERCE WAY
 MIAMI LAKES, FLORIDA 33016
 PH. (305) 818-1888
 C.O.A. FL. #9317
 www.CBI.com

Reference File	Checked by	Reviewed by	Submitted by	Comm. No.	No.	Date	Description
	DMB	DM	DM	148570			
	DM	DM	DM				
	DM	DM	DM				
	DM	DM	DM				

CITY OF MIAMI, FLORIDA
 CURTIS PARK BOAT RAMP IMPROVEMENTS
 COVER SHEET
 DRAWING NO.
C-1
 SHEET 1 OF 15

P:\Users\m4870\Curtis Park\148570\Curtis Park Boat Ramp\148570_Cover.dwg - Apr 01, 2015 @ 10:20am - Howard.W.B.

ABBREVIATIONS:

- BTM BOTTOM
- CMP CORRUGATED METAL PIPE
- C.O.A. CERTIFICATE OF AUTHORIZATION
- COMM COMMISSION
- I.R. IRON ROD
- ELEC ELECTRICAL
- FAC FLORIDA ADMINISTRATIVE CODE
- FL. FLORIDA
- F.L. FLOWLINE
- INC. INCORPORATED
- M.C.P.R. MIAMI-DADE COUNTY PUBLIC RECORDS
- MH MANHOLE
- NAVD NORTH AMERICAN VERTICAL DATUM
- OHE OVERHEAD ELECTRICAL
- PH. PHONE
- PSM PROFESSIONAL SURVEY AND MAPPER
- RCP REINFORCED CONCRETE PIPE
- R.O.W. RIGHT OF WAY
- TYP TYPICAL
- W/ WITH

LEGEND:

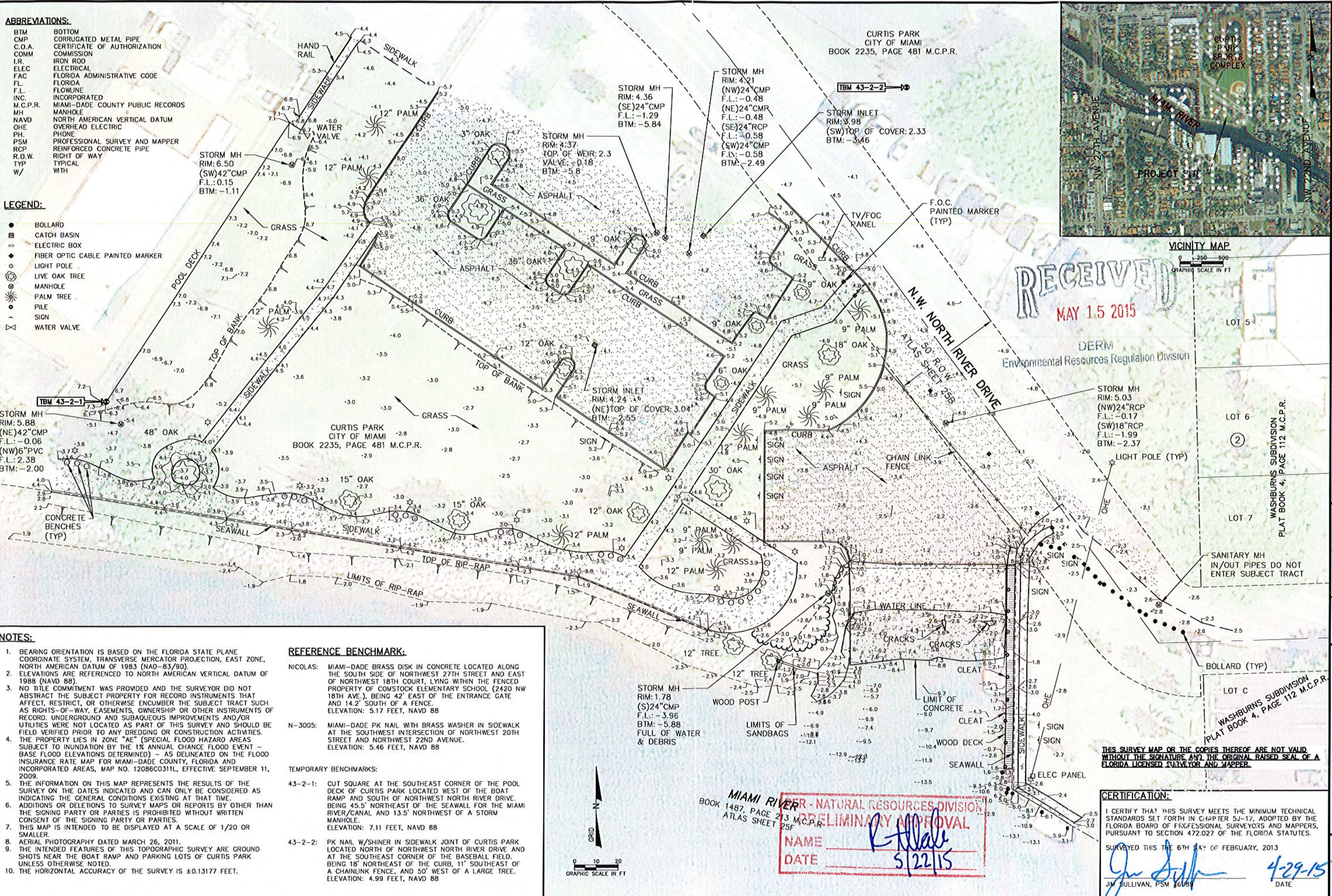
- BOLLARD
- CATCH BASIN
- ELECTRIC BOX
- ◆ FIBER OPTIC CABLE PAINTED MARKER
- ☆ LIGHT POLE
- LIVE OAK TREE
- MANHOLE
- PALM TREE
- PILE
- SIGN
- ⊗ WATER VALVE

NOTES:

1. BEARING ORIENTATION IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD-83/90).
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. NO TITLE COMMITMENT WAS PROVIDED AND THE SURVEYOR DID NOT ABSTRACT THE SUBJECT PROPERTY FOR RECORD INSTRUMENTS THAT AFFECT, RESTRICT, OR OTHERWISE ENCUMBER THE SUBJECT TRACT SUCH AS RIGHTS-OF-WAY, EASEMENTS, OWNERSHIP OR OTHER INSTRUMENTS OF RECORD. UNDERGROUND AND SUBAQUEOUS IMPROVEMENTS AND/OR UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY AND SHOULD BE FIELD VERIFIED PRIOR TO ANY DREDGING OR CONSTRUCTION ACTIVITIES.
4. THE PROPERTY LIES IN ZONE "AE" (SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT - BASE FLOOD ELEVATIONS DETERMINED) - AS DELINEATED ON THE FLOOD INSURANCE RATE MAP FOR MIAMI-DADE COUNTY, FLORIDA AND INCORPORATED AREAS, MAP NO. 12086C0311L, EFFECTIVE SEPTEMBER 11, 2009.
5. THE INFORMATION ON THIS MAP REPRESENTS THE RESULTS OF THE SURVEY ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
6. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
7. THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1/20 OR SMALLER.
8. AERIAL PHOTOGRAPHY DATED MARCH 26, 2011.
9. THE INTENDED FEATURES OF THIS TOPOGRAPHIC SURVEY ARE GROUND SHOTS NEAR THE BOAT RAMP AND PARKING LOTS OF CURTIS PARK UNLESS OTHERWISE NOTED.
10. THE HORIZONTAL ACCURACY OF THE SURVEY IS ±0.13177 FEET.

REFERENCE BENCHMARK:

- NICOLAS: MIAMI-DADE BRASS DISK IN CONCRETE LOCATED ALONG THE SOUTH SIDE OF NORTHWEST 27TH STREET AND EAST OF NORTHWEST 18TH COURT, LYING WITHIN THE FENCED PROPERTY OF COMSTOCK ELEMENTARY SCHOOL (2420 NW 18TH AVE.), BEING 42' EAST OF THE ENTRANCE GATE AND 14.2' SOUTH OF A FENCE.
ELEVATION: 5.17 FEET, NAVD 88
- N-3005: MIAMI-DADE PK NAIL WITH BRASS WASHER IN SIDEWALK AT THE SOUTHWEST INTERSECTION OF NORTHWEST 20TH STREET AND NORTHWEST 22ND AVENUE.
ELEVATION: 5.46 FEET, NAVD 88
- TEMPORARY BENCHMARKS:
- 43-2-1: CUT SQUARE AT THE SOUTHEAST CORNER OF THE POOL DECK OF CURTIS PARK LOCATED WEST OF THE BOAT RAMP AND SOUTH OF NORTHWEST NORTH RIVER DRIVE, BEING 45.5' NORTHEAST OF THE SEAWALL FOR THE MIAMI RIVER/CANAL AND 13.5' NORTHWEST OF A STORM MANHOLE.
ELEVATION: 7.11 FEET, NAVD 88
- 43-2-2: PK NAIL W/SHINER IN SIDEWALK JOINT OF CURTIS PARK LOCATED NORTH OF NORTHWEST NORTH RIVER DRIVE AND AT THE SOUTHEAST CORNER OF THE BASEBALL FIELD, BEING 18' NORTHEAST OF THE CURB, 11' SOUTHEAST OF A CHAINLINK FENCE, AND 50' WEST OF A LARGE TREE.
ELEVATION: 4.99 FEET, NAVD 88



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MAY 15 2015

MIAMI RIVER - NATURAL RESOURCES DIVISION
BOOK 1487, PAGE 213 M.C.P.R.
ATLAS SHEET 25F
PRELIMINARY APPROVAL
NAME: *R. Allale*
DATE: 5/22/15

CERTIFICATION:
I CERTIFY THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH IN CHAPTER 5J-17, ADOPTED BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS, PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.
SURVEYED THIS 6TH DAY OF FEBRUARY, 2013
Jim Sullivan
JIM SULLIVAN, PSM #6059
DATE: 4-29-15

Shaw Environmental and Infrastructure
PH. (305) 818-1888
14350 COMMERCE WAY
MIAMI LAKES, FLORIDA 33016
www.shawgrp.com

CITY OF MIAMI, FLORIDA
CURTIS PARK BOAT RAMP IMPROVEMENTS
TOPOGRAPHIC SURVEY

DRAWING NO. TS-1
SHEET 2 OF 15

REVISIONS	Checked by	Reviewed by	Submitted by	Date	Plot Date	Scale	No.	Date	Description
	DM	DM	DM	3/07/13	AS NOTED				

ABBREVIATIONS:

- BTM BOTTOM
- CMP CORRUGATED METAL PIPE
- C.O.A. CERTIFICATE OF AUTHORIZATION
- COMM COMMISSION
- I.R. IRON ROD
- ELEC ELECTRICAL
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- MH MANHOLE
- NAVD NORTH AMERICAN VERTICAL DATUM
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- PSM PROFESSIONAL SURVEY AND MAPPER
- RCP REINFORCED CONCRETE PIPE
- R.O.W. RIGHT OF WAY
- TYP TYPICAL
- W/ WITH

LEGEND:

- BOLLARD
- CATCH BASIN
- ELECTRIC BOX
- ◆ FIBER OPTIC CABLE PAINTED MARKER
- LIGHT POLE
- ⊙ LIVE OAK TREE
- ⊙ MANHOLE
- ⊙ PALM TREE
- PILE
- ⊙ SIGN
- ⊗ WATER VALVE

NOTES:

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REFERENCE BENCHMARK:

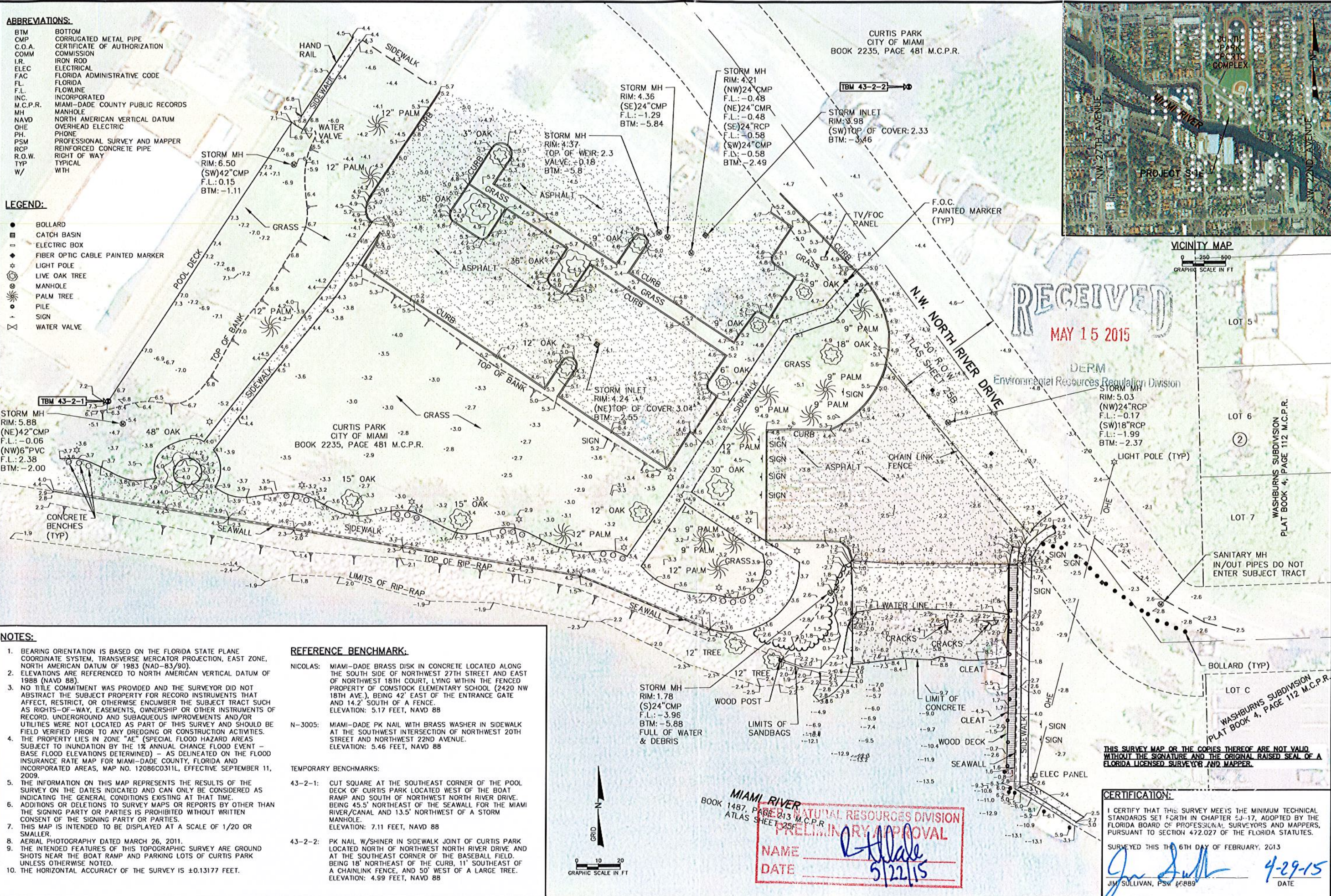
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TEMPORARY BENCHMARKS:

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CURTIS PARK
CITY OF MIAMI
BOOK 2235, PAGE 481 M.C.P.R.



VICINITY MAP
0 1 250 500
GRAPHIC SCALE IN FT

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Environmental Resources Regulation Division

STORM MH
RIM: 5.03
(NW)24"RCP
F.L.: -0.17
(SW)18"RCP
F.L.: -1.99
BTM: -2.37

WASHBURNS SUBDIVISION
PLAT BOOK 4, PAGE 112 M.C.P.R.

SANITARY MH
IN/OUT PIPES DO NOT
ENTER SUBJECT TRACT

WASHBURNS SUBDIVISION
PLAT BOOK 4, PAGE 112 M.C.P.R.

THIS SURVEY MAP OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

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SURVEYED THIS 6TH DAY OF FEBRUARY, 2013

Jim Sullivan
JIM SULLIVAN, PSM #4889

4-29-15
DATE

MIAMI RIVER
BOOK 1487, PAGE 213 M.C.P.R.
ATLAS SHEET 255F

NATURAL RESOURCES DIVISION
PRELIMINARY APPROVAL

NAME _____
DATE 5/22/15

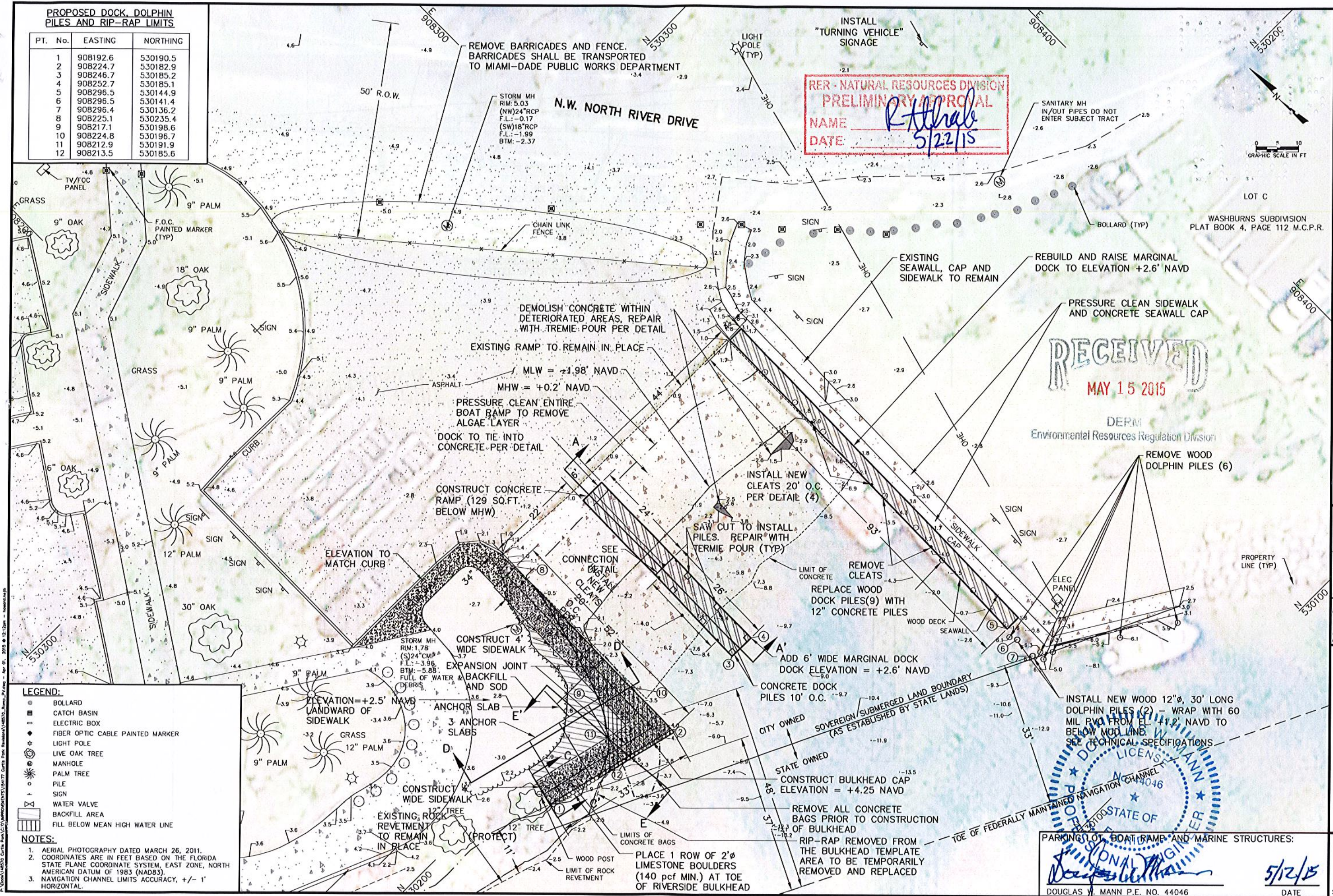
Shaw Environmental and Infrastructure
14350 COMMERCE WAY
MIAMI LAKES, FLORIDA 33016
PH. (305) 818-1888
C.O.A. FL. #9317
www.shawgrp.com

REVISIONS	Description	No.	Date

CITY OF MIAMI, FLORIDA
CURTIS PARK BOAT RAMP IMPROVEMENTS
TOPOGRAPHIC SURVEY
DRAWING NO. TS-1
SHEET 2 OF 15

PROPOSED DOCK, DOLPHIN PILES AND RIP-RAP LIMITS

PT. No.	EASTING	NORTHING
1	908192.6	530190.5
2	908224.7	530182.9
3	908246.7	530185.2
4	908252.7	530185.1
5	908296.5	530144.9
6	908296.5	530141.4
7	908296.4	530136.2
8	908225.1	530235.4
9	908217.1	530198.6
10	908224.8	530196.7
11	908212.9	530191.9
12	908213.5	530185.6



LEGEND:

- BOLLARD
- CATCH BASIN
- ELECTRIC BOX
- ◆ FIBER OPTIC CABLE PAINTED MARKER
- LIGHT POLE
- LIVE OAK TREE
- MANHOLE
- PALM TREE
- PILE
- SIGN
- WATER VALVE
- ▨ BACKFILL AREA
- ▨ FILL BELOW MEAN HIGH WATER LINE

NOTES:

- AERIAL PHOTOGRAPHY DATED MARCH 26, 2011.
- COORDINATES ARE IN FEET BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
- NAVIGATION CHANNEL LIMITS ACCURACY, +/- 1' HORIZONTAL.

PRELIMINARY APPROVAL
 NAME: *R. H. Hrab*
 DATE: *5/22/15*

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 MAY 15 2015

DERM
 Environmental Resources Regulation Division

PROFESSIONAL ENGINEER
 DOUGLAS W. MANN P.E. NO. 44046
 DATE: *5/22/15*

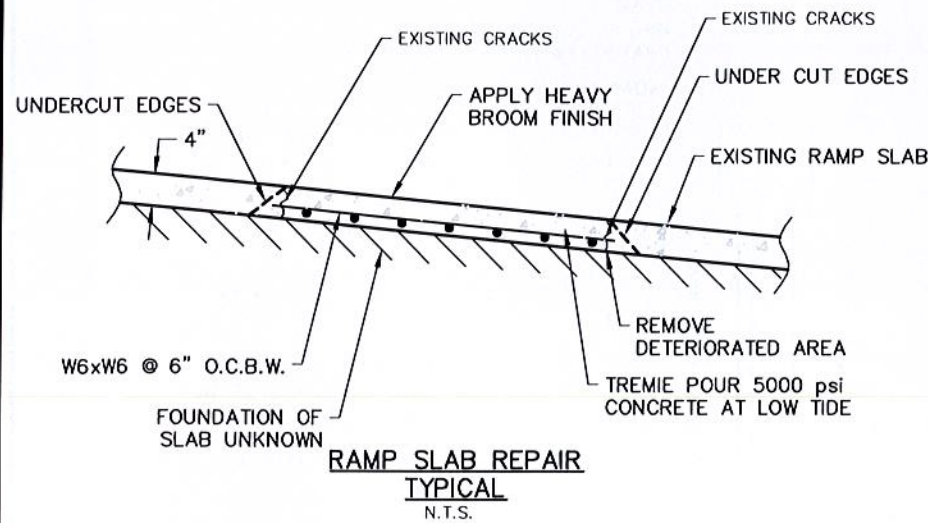
CB&I Environmental and Infrastructure, Inc.
 14350 COMMERCE WAY
 MIAMI LAKES, FLORIDA 33016
 PH. (305) 818-1888
 C.O.A. FL. #9317
 www.cbii.com

Reference Files:
 1. 8/28/03 Main-04046 RA 43
 2. 5/23/14 MADE CAP PER CITY CODE

Checked by: AMB
 Reviewed by: DM
 Submitted by: DW
 Date: 3/07/13
 PLS. SEE: 146570

South Portion of "Curtis Park"
 1901 N.W. 24th Avenue Miami, Florida
 PROPOSED RAMP IMPROVEMENTS
 PLAN VIEW

DRAWING NO. PV-1
 SHEET 3 OF 15



RER - NATURAL RESOURCES DIVISION
 PRELIMINARY APPROVAL
 NAME R. Allala
 DATE 5/22/15

EXISTING GRADE

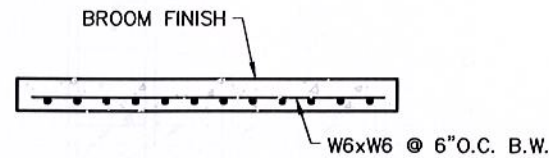
SOUTHEAST MARGINAL DOCK REPLACEMENT CROSS SECTION
SCALE: 1" = 1'

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MAY 15 2015

DERM
Environmental Resources Regulation Division

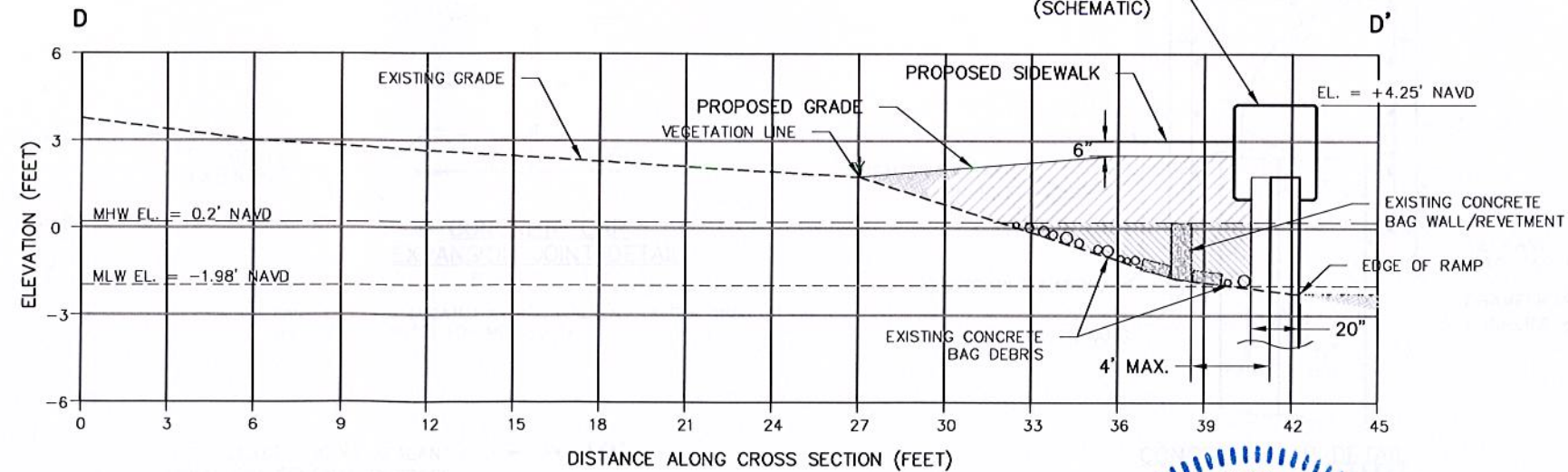
NEW CENTER MARGINAL DOCK CROSS SECTION
SCALE: 1" = 1'



NOTES:

1. 3/8" SAW CUT JOINTS, 1.5" DEEP WITHIN 96 HOURS EVERY 4'.
2. 1/2" EXPANSION JOINT WITH PREFORMED JOINT FILLER @ 28' O.C.

SIDEWALK DETAIL
N.T.S.



TYPICAL BULKHEAD ALIGNMENT CROSS SECTION D-D'
SCALE: 1" = 3'

DOUGLAS W. MANN P.E. NO. 44046
 DATE 5/12/15

CB&I Environmental and Infrastructure, Inc.
 14350 COMMERCE WAY
 MIAMI LAKES, FLORIDA 33016
 PH. (305) 818-1888
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 C.O.A. FL. #9317

REVISIONS	No.	Description	Date
1	15/22/15	Initial Issue	
2	5/22/15	Final Issue	

Checked by: AMB	Reviewed by: DM	Submitted by: DM	Comm. No.: 148570
Designed by: DM	Drawn by: GK	Date: 3/07/13	Plot Scale: AS NOTED

CITY OF MIAMI, FLORIDA
 CURTIS PARK BOAT RAMP IMPROVEMENTS
 PROPOSED RAMP REPAIR DETAILS

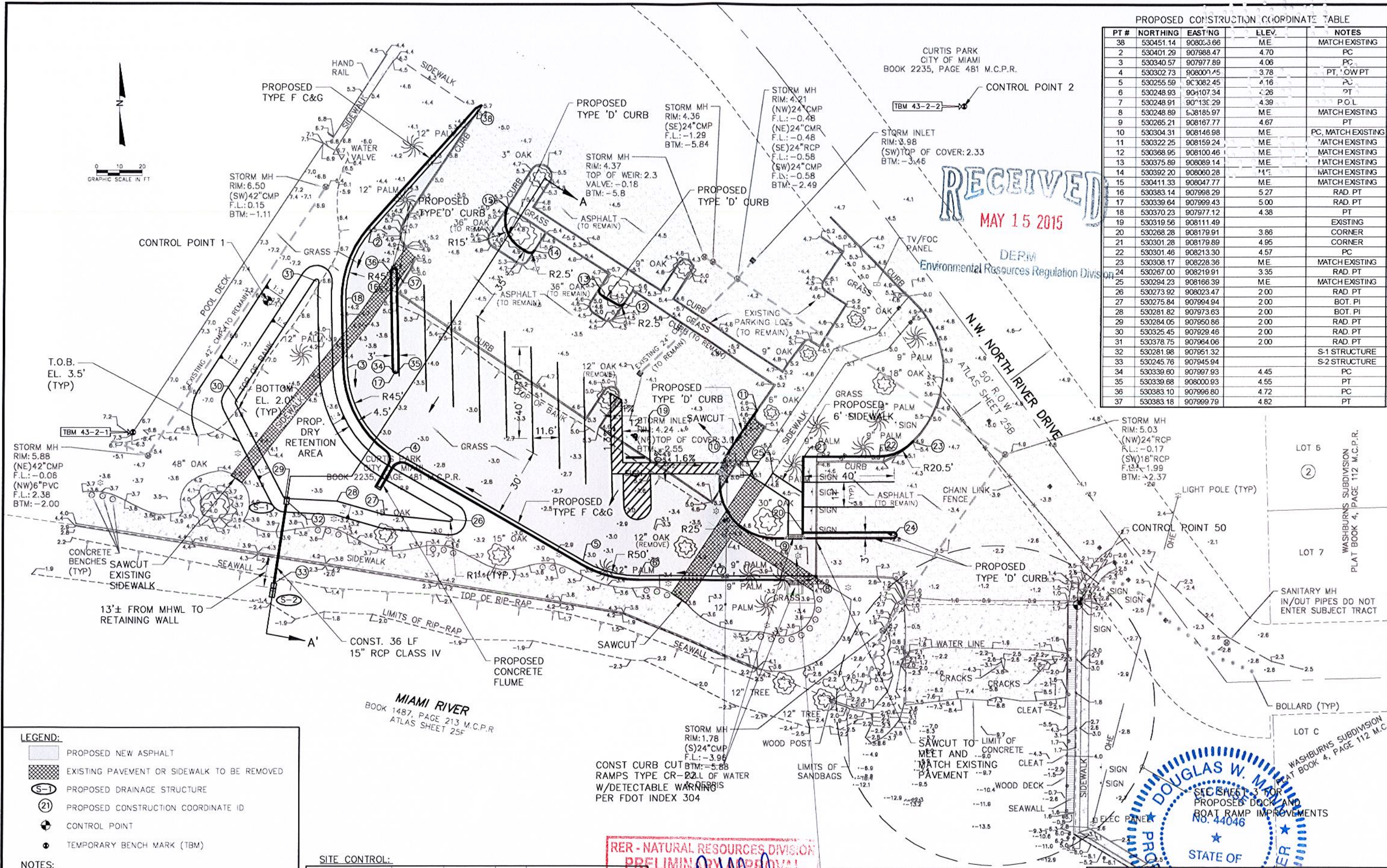
DRAWING NO.
D-2
 SHEET 5 OF 15



PROPOSED CONSTRUCTION COORDINATE TABLE

PT #	NORTHING	EASTING	LLEV.	NOTES
38	530451.14	908003.66	ME	MATCH EXISTING
2	530401.29	907988.47	4.70	PC
3	530340.57	907977.89	4.06	PC
4	530302.73	908007.45	3.78	PT, 'OW PT
5	530255.59	908082.45	4.16	PC
6	530248.93	904107.34	4.26	PT
7	530248.91	907135.29	4.39	P.O.L
8	530248.89	638185.97	ME	MATCH EXISTING
9	530265.21	908167.77	4.67	PT
10	530304.31	908146.98	ME	PC, MATCH EXISTING
11	530322.25	908159.24	ME	MATCH EXISTING
12	530368.95	908100.46	ME	MATCH EXISTING
13	530375.89	908089.14	ME	MATCH EXISTING
14	530392.20	908060.28	ME	MATCH EXISTING
15	530411.33	908047.77	ME	MATCH EXISTING
16	530383.14	907998.29	5.27	RAD. PT
17	530339.64	907999.43	5.00	RAD. PT
18	530370.23	907977.12	4.38	PT
19	530319.56	908111.49		EXISTING
20	530268.28	908179.91	3.86	CORNER
21	530301.28	908179.89	4.95	CORNER
22	530301.46	908213.30	4.57	PC
23	530308.17	908228.36	ME	MATCH EXISTING
24	530267.00	908219.91	3.35	RAD. PT
25	530294.23	908166.39	ME	MATCH EXISTING
26	530273.92	908023.47	2.00	RAD. PT
27	530275.84	907994.94	2.00	BOT. PI
28	530281.82	907973.63	2.00	BOT. PI
29	530284.05	907950.86	2.00	RAD. PT
30	530325.45	907929.48	2.00	RAD. PT
31	530378.75	907984.06	2.00	RAD. PT
32	530281.98	907951.32		S-1 STRUCTURE
33	530245.76	907945.94		S-2 STRUCTURE
34	530339.60	907997.93	4.45	PC
35	530339.68	908000.93	4.55	PT
36	530383.10	907996.80	4.72	PC
37	530383.18	907999.79	4.82	PT

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- LEGEND:**
- PROPOSED NEW ASPHALT
 - EXISTING PAVEMENT OR SIDEWALK TO BE REMOVED
 - PROPOSED DRAINAGE STRUCTURE
 - PROPOSED CONSTRUCTION COORDINATE ID
 - CONTROL POINT
 - TEMPORARY BENCH MARK (TBM)
- NOTES:**
- AERIAL PHOTOGRAPHY DATED MARCH 26, 2011.
 - COORDINATES ARE IN FEET BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
 - ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

SITE CONTROL:

PT. No.	NORTHING	EASTING	ELEV.	DESCRIPTION
CONTROL POINT 1	530370.12	907942.59	7.14	5/8" IRON ROD W/ CAP
CONTROL POINT 2	530455.99	908250.07	4.99	PK NAIL W/ SHINER
CONTROL POINT 50	530236.32	908301.37	3.12	PK NAIL W/ SHINER
T.B.M. 43-2-1	530312.24	907883.12		

RER - NATURAL RESOURCES DIVISION
PRELIMINARY APPROVAL

NAME: *R. Allala*
DATE: *5/22/15*

REMOVE EXISTING LIGHT POLES.
MODIFY EXISTING CONDUITS/WIRING AS REQUIRED TO MAINTAIN EXISTING LIGHTING ALONG RIVERWALK SIDEWALK

DOUGLAS W. MANN
PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 44046

DATE: *5/22/15*

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www.cb-i.com

Checked by: AMB
Reviewed by: DM
Designed by: CK
Date: 3/07/13
Plot Scale: AS NOTED

Reference Files:
1: 1/27/13 MIAMI-DOK W/ R.P.
7: 5/27/15 PAYMENT MARKING

CITY OF MIAMI, FLORIDA
CURTIS PARK BOAT RAMP IMPROVEMENTS
PAVING, GRADING AND DRAINAGE IMPROVEMENTS

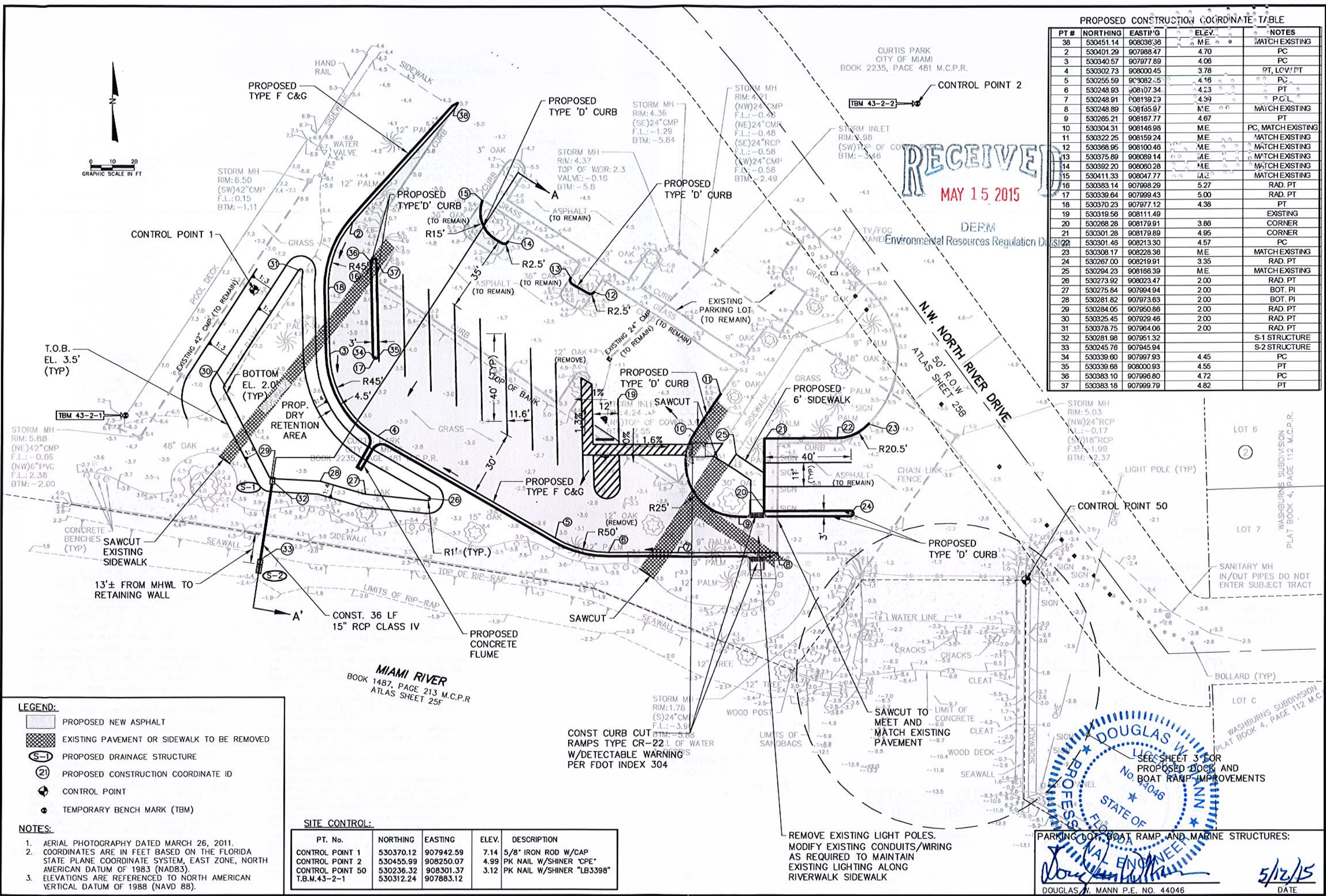
DRAWING NO. PV-2
SHEET B OF 15



PROPOSED CONSTRUCTION COORDINATE TABLE

PT #	NORTHING	EASTING	ELEV.	NOTES
1	530451.14	908036.36	ME	MATCH EXISTING
2	530401.29	907888.47	4.70	PC
3	530340.57	907977.89	4.06	PC
4	530302.73	908000.45	3.78	PT, LCV/PT
5	530255.59	908082.5	4.16	PC
6	530248.93	908107.34	4.23	PT
7	530248.91	908139.23	4.39	P.C.L
8	530248.89	908165.97	ME	MATCH EXISTING
9	530265.21	908167.77	4.67	PT
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12	530368.95	908100.46	ME	MATCH EXISTING
13	530375.89	908089.14	ME	MATCH EXISTING
14	530392.20	908060.28	ME	MATCH EXISTING
15	530411.33	908047.77	ME	MATCH EXISTING
16	530383.14	907998.29	5.27	RAD. PT
17	530339.64	907999.43	5.00	RAD. PT
18	530370.23	907977.12	4.38	PT
19	530319.56	908111.49	EXISTING	EXISTING
20	530288.28	908179.91	3.86	CORNER
21	530301.26	908179.89	4.95	CORNER
22	530301.48	908213.30	4.57	PC
23	530308.17	908228.36	ME	MATCH EXISTING
24	530267.00	908219.91	3.35	RAD. PT
25	530294.23	908166.39	ME	MATCH EXISTING
26	530273.92	908023.47	2.00	RAD. PT
27	530275.84	907994.94	2.00	BOT. PI
28	530281.82	907973.63	2.00	BOT. PI
29	530284.05	907950.86	2.00	RAD. PT
30	530325.45	907929.46	2.00	RAD. PT
31	530378.75	907964.06	2.00	RAD. PT
32	530281.98	907951.32	S-1 STRUCTURE	S-1 STRUCTURE
33	530245.76	907945.94	S-2 STRUCTURE	S-2 STRUCTURE
34	530339.60	907997.93	4.45	PC
35	530339.68	908000.93	4.55	PT
36	530383.10	907996.80	4.72	PC
37	530383.18	907999.79	4.82	PT

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- LEGEND:**
- PROPOSED NEW ASPHALT
 - EXISTING PAVEMENT OR SIDEWALK TO BE REMOVED
 - PROPOSED DRAINAGE STRUCTURE
 - PROPOSED CONSTRUCTION COORDINATE ID
 - CONTROL POINT
 - TEMPORARY BENCH MARK (TBM)
- NOTES:**
- AERIAL PHOTOGRAPHY DATED MARCH 26, 2011.
 - COORDINATES ARE IN FEET BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
 - ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

SITE CONTROL:

PT. No.	NORTHING	EASTING	ELEV.	DESCRIPTION
CONTROL POINT 1	530370.12	907942.59	7.14	5/8" IRON ROD W/CAP
CONTROL POINT 2	530455.99	908250.07	4.99	PK NAIL W/SHINER "CPE"
CONTROL POINT 50	530236.32	908301.37	3.12	PK NAIL W/SHINER "LB3398"
T.B.M. 43-2-1	530312.24	907883.12		

DOUGLAS W. MANN
PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 44046

DATE: 5/12/15

CB&I Environmental and Infrastructure, Inc.
14350 COMMERCE WAY
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PH. (305) 818-1888
C.O.A. FL #9317
www.CBI.com

DESIGNED BY: DM
CHECKED BY: AMB
DATE: 3/07/13
PILOT SCALE: AS NOTED

REVISIONS:

No.	Date	Description
1	3/7/13	ISSUE FOR PERMIT
2	3/27/13	ISSUE FOR PERMIT

CITY OF MIAMI, FLORIDA
CURTIS PARK BOAT RAMP IMPROVEMENTS
PROPOSED PAVING, GRADING AND DRAINAGE PARKING IMPROVEMENTS

DRAWING NO. PV-2
SHEET 8 OF 15

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EROSION CONTROL CONSTRUCTION NOTES

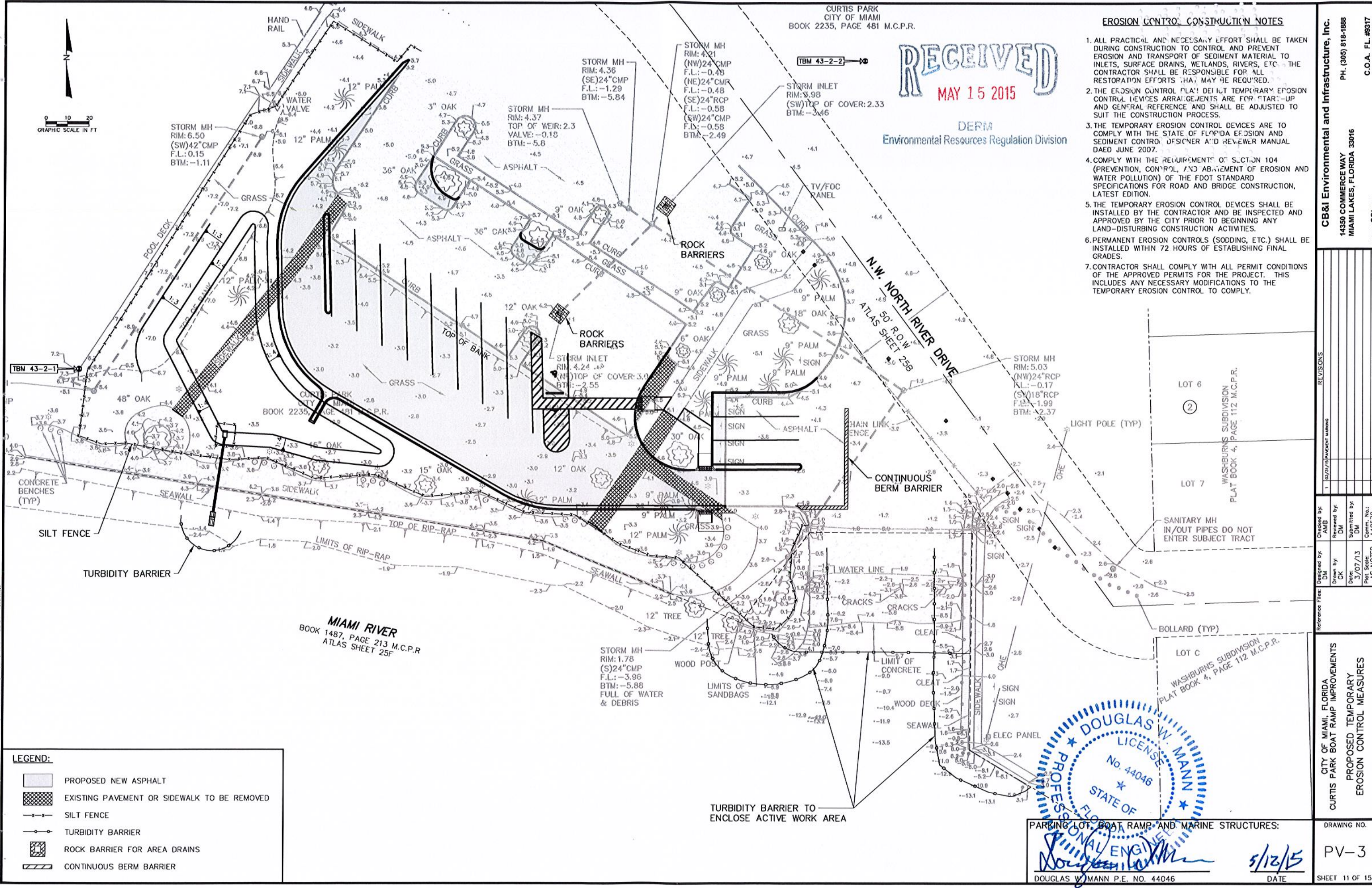
1. ALL PRACTICAL AND NECESSARY EFFORT SHALL BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT MATERIAL TO INLETS, SURFACE DRAINS, WETLANDS, RIVERS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION EFFORTS THAT MAY BE REQUIRED.
2. THE EROSION CONTROL PLAN SHALL TEMPORARILY EROSION CONTROL DEVICES ARRANGEMENTS FOR START-UP AND GENERAL REFERENCE AND SHALL BE ADJUSTED TO SUIT THE CONSTRUCTION PROCESS.
3. THE TEMPORARY EROSION CONTROL DEVICES ARE TO COMPLY WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL DATED JUNE 2007.
4. COMPLY WITH THE REQUIREMENTS OF SECTION 104 (PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION) OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
5. THE TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED BY THE CONTRACTOR AND BE INSPECTED AND APPROVED BY THE CITY PRIOR TO BEGINNING ANY LAND-DISTURBING CONSTRUCTION ACTIVITIES.
6. PERMANENT EROSION CONTROLS (SODDING, ETC.) SHALL BE INSTALLED WITHIN 72 HOURS OF ESTABLISHING FINAL GRADES.
7. CONTRACTOR SHALL COMPLY WITH ALL PERMIT CONDITIONS OF THE APPROVED PERMITS FOR THE PROJECT. THIS INCLUDES ANY NECESSARY MODIFICATIONS TO THE TEMPORARY EROSION CONTROL TO COMPLY.

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Reference File	Designed by	Checked by	Drawn by	Reviewed by	Submitted by	Comm. No.	Date
	DK	AMS	DK	DM	DM	148570	

CITY OF MIAMI, FLORIDA
CURTIS PARK BOAT RAMP IMPROVEMENTS
PROPOSED TEMPORARY
EROSION CONTROL MEASURES

DRAWING NO.
PV-3
SHEET 11 OF 15



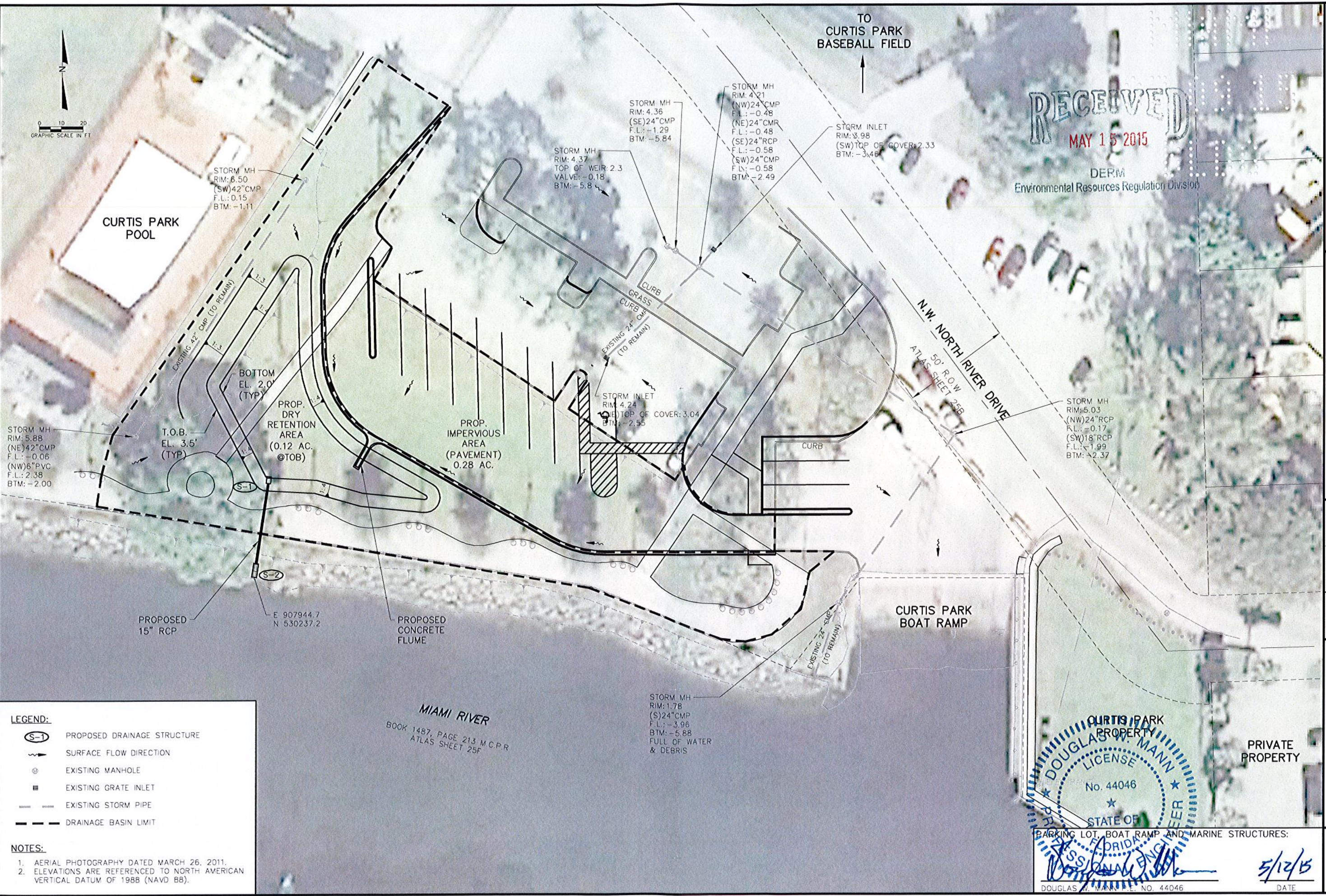
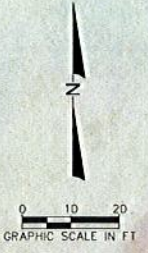
LEGEND:

	PROPOSED NEW ASPHALT
	EXISTING PAVEMENT OR SIDEWALK TO BE REMOVED
	SILT FENCE
	TURBIDITY BARRIER
	ROCK BARRIER FOR AREA DRAINS
	CONTINUOUS BERM BARRIER

DOUGLAS W. MANN
LICENSE No. 44046
STATE OF FLORIDA
PROFESSIONAL ENGINEER
DATE: 5/13/15
DOUGLAS W. MANN P.E. NO. 44046

PARKING LOT, BOAT RAMP, AND MARINE STRUCTURES:

P:\Users\148570\Curtis Park\Revision\148570_Col_PV.dwg - Apr 01, 2015 10:24am - Howard



LEGEND:

- PROPOSED DRAINAGE STRUCTURE
- SURFACE FLOW DIRECTION
- EXISTING MANHOLE
- EXISTING GRATE INLET
- EXISTING STORM PIPE
- DRAINAGE BASIN LIMIT

NOTES:

1. AERIAL PHOTOGRAPHY DATED MARCH 26, 2011.
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

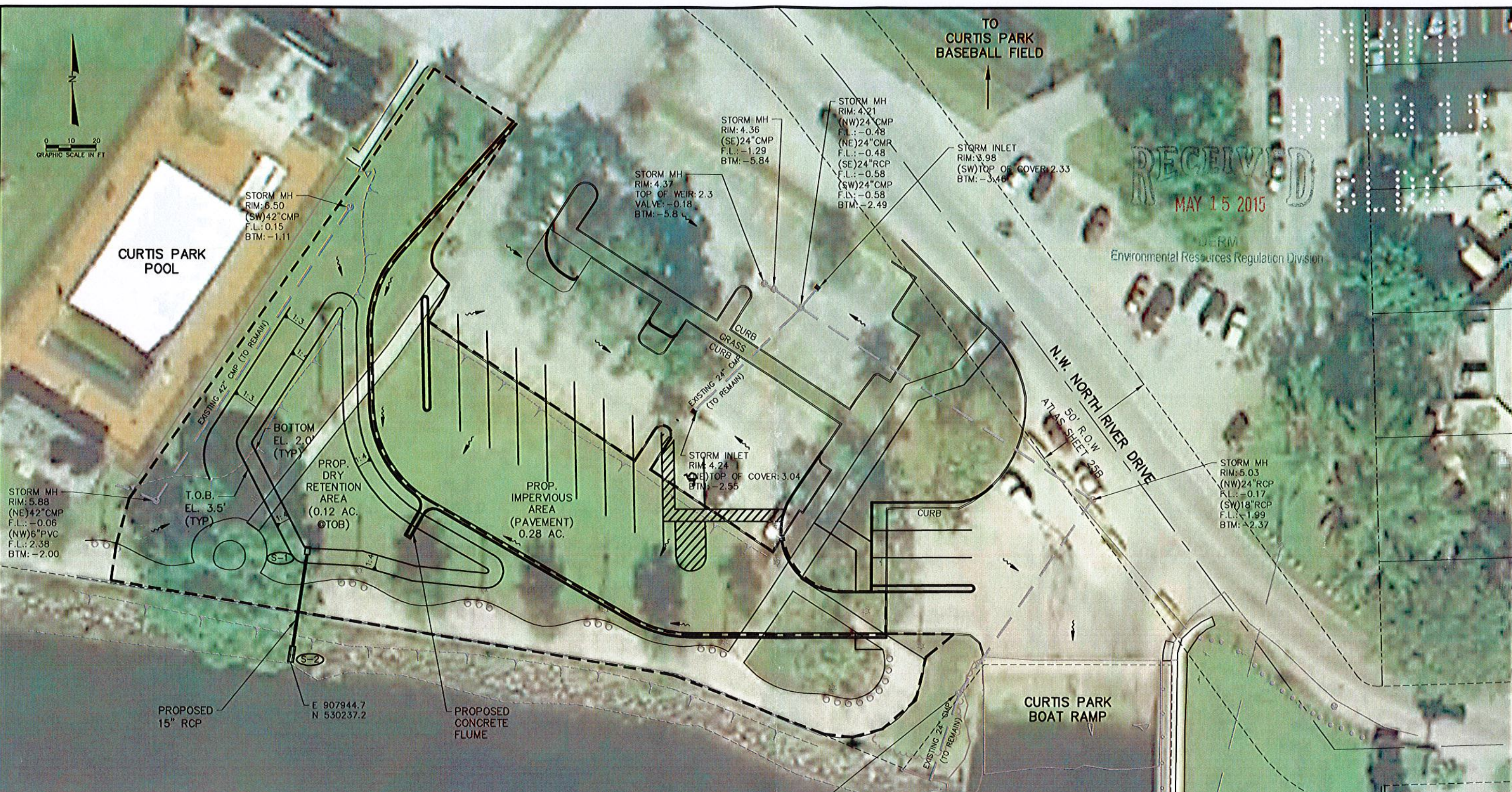
MIAMI RIVER
 BOOK 1487, PAGE 213 M.C.P.R.
 ATLAS SHEET 25F

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DOUGLAS W. MANN
 LICENSE
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 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

DATE: 5/14/15

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Reference Files: Designed by: DM Drawn by: GK Date: 3/07/13 Plot Scale: AS NOTED	Checked by: AMB Reviewed by: DM Submitted by: DM Date: 3/07/13 Comm. No: 148370
CITY OF MIAMI, FLORIDA CURTIS PARK BOAT RAMP IMPROVEMENTS DRAINAGE MAP	DRAWING NO. PV-4 SHEET 12 OF 15



LEGEND:

- PROPOSED DRAINAGE STRUCTURE
- SURFACE FLOW DIRECTION
- EXISTING MANHOLE
- EXISTING GRATE INLET
- EXISTING STORM PIPE
- DRAINAGE BASIN LIMIT

NOTES:

1. AERIAL PHOTOGRAPHY DATED MARCH 26, 2011.
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

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 BOOK 1487, PAGE 213 M.C.P.R.
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 PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE No. 44046
 DOUGLAS W. MANN

PARKING LOT, BOAT RAMP AND MARINE STRUCTURES:

Douglas W. Mann
 DOUGLAS W. MANN P.E. NO. 44046

5/12/15
 DATE

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DESIGNED BY: DM DRAWN BY: GK DATE: 3/07/13 PLOT SCALE: AS NOTED	CHECKED BY: AMB REVIEWED BY: DM SUBMITTED BY: DM COMM. NO.: 148570												
REVISIONS <table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	Date	Description										DRAINAGE MAP CURTIS PARK BOAT RAMP IMPROVEMENTS CITY OF MIAMI, FLORIDA DRAWING NO. PV-4 SHEET 12 OF 15
No.	Date	Description											



1 AS 700-20-11
RS-054
24"x24"
RS-034
24"x24"
M6-1R
21"x15"

700-20-11 1 AS
RS-054
24"x24"
RS-034
24"x24"
M6-1L
21"x15"

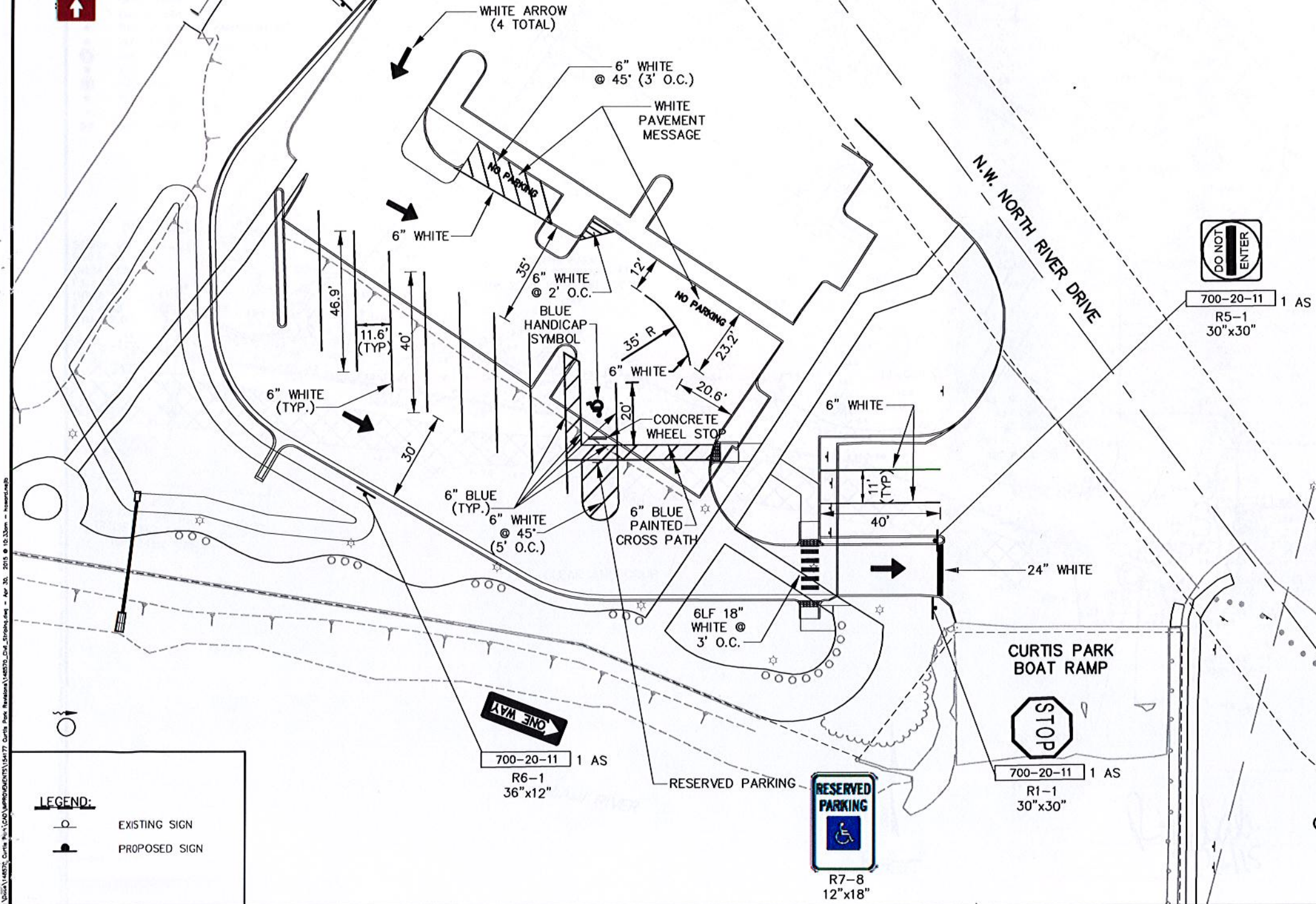
TO
CURTIS PARK
BASEBALL FIELD

- SIGNING & PAVEMENT MARKING NOTES**
- PAVEMENT MARKINGS SHALL BE REFLECTIVE PAINT PER THE FDOT 2010 "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (FDOT STD. SPECS) SECTION 710.
 - PROPOSED SIGNS SHALL MEET THE REQUIREMENTS OF THE 2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND SECTION 700 OF THE FDOT STD. SPECS.
 - PROPOSED SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.
 - EXISTING SIGNS WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND/OR RELOCATED AS DIRECTED BY THE CITY OF MIAMI.
 - CAUTION SHALL BE EXERCISED WHILE STORING AND/OR RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE CITY OF MIAMI, THE SIGNS SHALL BE REPLACED WITH NEW ONES BY THE CONTRACTOR AS HIS EXPENSE.
 - ALL SIGN POSTS AND PANELS SHALL BE LEVEL (PLUMB) AFTER INSTALLATION.
 - ALL SIGN POSTS SHALL BE COMPATIBLE (MAKE, DESIGN) WITH POSTS NOW IN USE BY THE CITY OF MIAMI.

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1 AS 700-20-11
RS-054
24"x24"
24"x24"
M6-3
21"x15"



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Reference Files	Designed by	Checked by	AS NOTED	No.	Date
	DM	AMB			
	MLM/GK	DM			
	Date: 3/07/13	Submitted by: DM			
	Proj. No.: 146570	Comp. No.:			

LEGEND:
○ EXISTING SIGN
■ PROPOSED SIGN

DOUGLAS W. MANN
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE No. 44046

CURTIS PARK PROPERTY

PARKING LOT, BOAT RAMP, AND MARINE STRUCTURES:

5/12/15
DATE

DOUGLAS W. MANN P.E. NO. 44046

CITY OF MIAMI, FLORIDA
CURTIS PARK BOAT RAMP IMPROVEMENTS
PROPOSED SIGNING & PAVEMENT MARKINGS PLAN
DRAWING NO. PV-5
SHEET 13 OF 15



CURTIS PARK POOL

TO
CURTIS PARK
BASEBALL FIELD

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N.W. NORTH RIVER DRIVE
50' R.O.W
ATLAS SHEET 25B

E 907944.7
N 530237.2

MIAMI RIVER

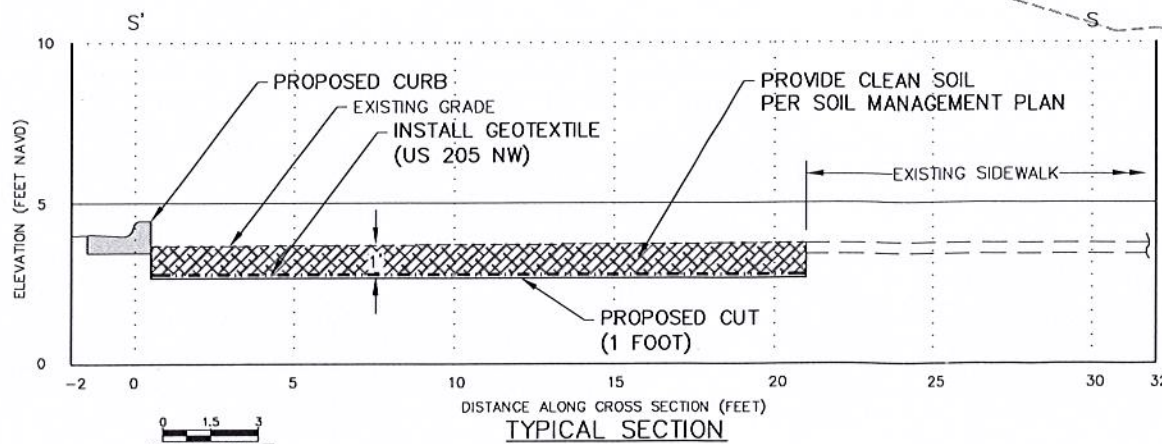
CURTIS PARK
BOAT RAMP

CURTIS PARK
PROPERTY

PRIVATE
PROPERTY

- LEGEND:**
- UNPAVED AREA
 - CLEAN FILL PER SOIL MANAGEMENT PLAN

- NOTES:**
1. SEE DETAILS IN CURTIS PARK SOIL MANAGEMENT PLAN.
 2. EXTENT OF CONTAMINATION IS PROVIDED IN SES SITE ASSESSMENT DATED JULY 10, 2014.



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No.	Description

Designed by:	DM
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Date:	3/07/13
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Checked by:	AMB
Reviewed by:	DM
Submitted by:	DM
Comm. No.:	148570

Reference Files:
CITY OF MIAMI, FLORIDA
CURTIS PARK BOAT RAMP IMPROVEMENTS
SOIL MANAGEMENT PLAN

Yudez A. Hasbun
YUDEZ A. HASBUN P.E. NO. 54810

4/27/15
DATE

DRAWING NO.
SM-1
SHEET 16 OF 15

DRAWING NO.

CITY OF MIAMI, FLORIDA
CURTIS PARK BOAT RAMP IMPROVEMENTS

Reference Files:
Designed by: DM
Drawn by:
Date: 3/07/13
Plot Scale:
Checked by: AMB
Reviewed by: DM
Submitted by: DM
Comm. No.: 143570

REVISIONS	
No.	Description

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