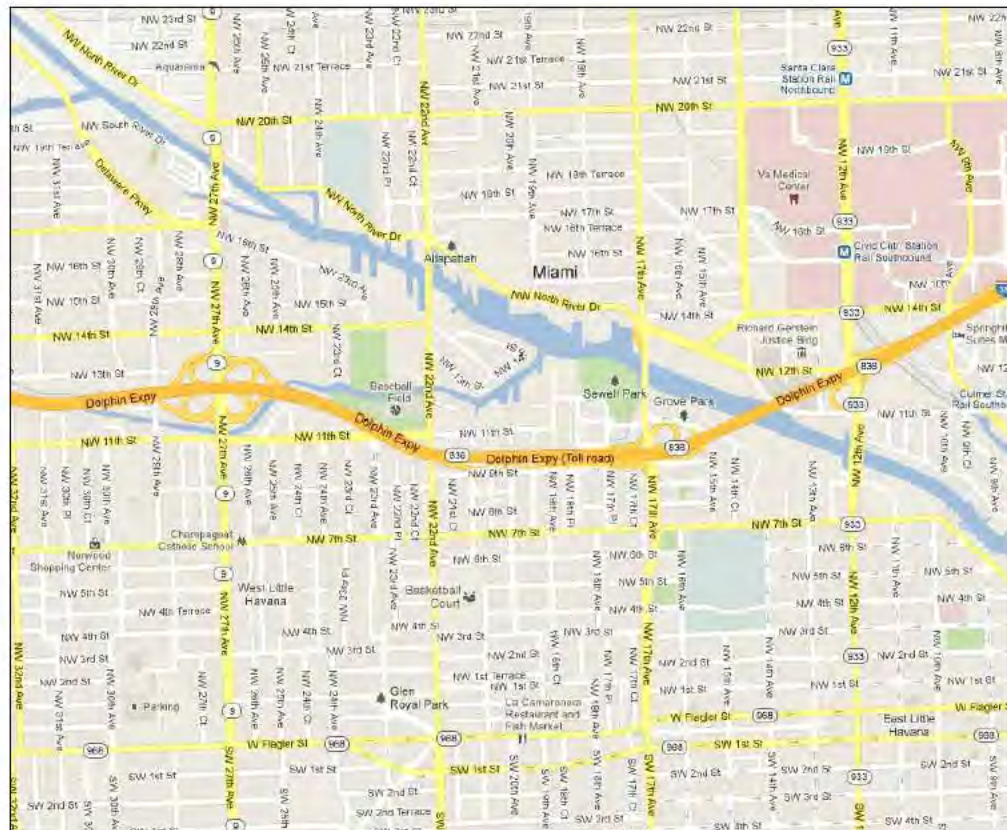




## LOCATION MAP AND LEGAL DESCRIPTION



**PROJECT SITE LOCATION:**  
555 NW SOUTH RIVER DRIVE  
MIAMI, FLORIDA 33136

**LATITUDE:** 25 46'47.18"N /  
**LONGITUDE:** 80 12'36.30"W

**FOLIOS:** 01-4138-003-0180,  
01-4138-004-0010,  
01-4138-003-0170

**LEGAL DESCRIPTION:**  
MULTIPLE LOTS. SEE SURVEY.

### GENERAL NOTES:

- ELEVATIONS SHOWN REFER TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929.
- ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD.
- IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF ENGINEER BEFORE PROCEEDING WITH WORK. CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR ALL LINES, ELEVATIONS, AND MEASUREMENTS IN CONNECTION WITH THEIR WORK.
- IT IS THE INTENT OF THESE PLANS AND THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE AND GOVERN HIMSELF BY ALL PROVISIONS OF THESE PERMITS.
- APPLICABLE BUILDING CODE: FLORIDA BUILDING CODE, 2014 EDITION (AND CURRENT ADDENDUMS).
- APPROVED CONTRACTOR TO DETERMINE THE SUITABILITY OF EXISTING STRUCTURES AND VERIFY ALL DIMENSIONS. THE APPROVED CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, MEANS, SEQUENCES AND PROCEDURES OF WORK.
- DO NOT SCALE DRAWINGS FOR DIMENSIONS.
- CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK.
- CONTRACTOR TO PROPERLY FENCE AND SECURE AREA WITH BARRICADES.
- ANY DEVIATION AND/OR SUBSTITUTION FROM THE INFORMATION PROVIDED HEREIN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- ALL NEW MATERIALS AND/OR PATCHWORK SHALL BE PROVIDED TO MATCH EXISTING MATERIALS AND/OR ADJOINING WORK WHERE PRACTICAL EXCEPT AS SPECIFICALLY NOTED HEREIN.
- LICENSED CONTRACTOR SHALL USE ALL POSSIBLE CARE TO PROTECT ALL EXISTING MATERIALS, SURFACES, AND FURNISHINGS FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.
- THE LICENSED CONTRACTOR TO INSTALL AND REMOVE ALL SHORING AND BRACING AS REQUIRED FOR THE PROPER EXECUTION OF THE WORK.
- ALL NEW WORK AND/OR MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF EACH ADMINISTRATIVE BODY HAVING JURISDICTION IN EACH PERTAINING CIRCUMSTANCE.
- THE CONTRACTOR WILL EMPLOY AND MAINTAIN ADEQUATE SEDIMENT AND EROSION CONTROL MEASURES TO PROTECT BISCAYNE BAY FROM SEDIMENT AND CONSTRUCTION DEBRIS.

### CONCRETE

- CONCRETE SHALL CONFORM TO ACI 318 (LATEST ED.) AND SHALL BE REGULAR WEIGHT, SULFATE RESISTANT, WITH A DESIGN STRENGTH OF 5,000 PSI AT 28 DAYS W/ A MAX WATER-CEMENTIOUS MATERIALS RATIO, BY WEIGHT, NORMAL WEIGHT AGGREGATE CONCRETE OF 0.40.
- OWNER SHALL EMPLOY AND PAY FOR TESTING SERVICES FROM AN INDEPENDENT TESTING LABORATORY FOR CONCRETE SAMPLING AND TESTING IN ACCORDANCE W/ ASTM.
- LICENSED CONTRACTOR IS RESPONSIBLE FOR THE ADEQUACY OF FORMS AND SHORING AND FOR SAFE PRACTICE IN THEIR USE AND REMOVAL.
- CONCRETE COVER SHALL BE 3" UNLESS OTHERWISE NOTED ON APPROVED DRAWINGS.
- REINFORCING STEEL SHALL BE IN CONFORMANCE WITH THE LATEST VERSION OF ASTM A615 GRADE 60 SPECIFICATIONS. ALL REINFORCEMENT SHALL BE PLACED IN ACCORDANCE W/ ACI 315 AND ACI MANUAL OF STANDARD PRACTICE.
- SPLICES IN REINFORCING BARS SHALL NOT BE LESS THAN 48 BAR DIAMETERS AND REINFORCING SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION. CONTINUITY SHALL BE PROVIDED AT CORNERS OR CHANGES IN DIRECTION BY BENDING THE LONGITUDINAL STEEL AROUND THE CORNER 48 BAR DIAMETERS.

### PILE DRIVING NOTES

- PILE DRIVING OPERATIONS SHALL BE OBSERVED BY A SPECIAL INSPECTOR, INCLUDING TEST PILES SUFFICIENT TO DETERMINE THE APPROXIMATE LENGTH REQUIRED TO MEET DESIGN CAPACITY.
- PILES SHALL BE DRIVEN USING AN APPROVED CUSHION BLOCK CONSISTING OF MATERIAL SO ARRANGED SO AS TO PROVIDE THE TRANSMISSION OF THE HAMMER ENERGY.
- PILES SHALL BE DRIVEN TO REQUIRED CAPACITY A MIN 12. INTO BERM.
- PILES SHALL BE DRIVEN WITH A DROP HAMMER OR GRAVITY HAMMER PROVIDED THE HAMMER SHALL WEIGH NO LESS THAN 3,000 POUNDS, AND THE FALL OF THE HAMMER SHALL NOT EXCEED 6 FT.
- PILES SHALL BE DRIVEN WITH A VARIATION OF NOT MORE THAN 1/4" PER FOOT FROM THE VERTICAL, OR FROM THE BATTER LINE INDICATED, WITH A MAX VARIATION OF THE HEAD OF THE PILE FROM THE POSITION SHOWN ON THE PLANS OF NOT MORE THAN 3".
- WHERE PILING MUST PENETRATE STRATA OFFERING HIGH RESISTANCE TO DRIVING, THE STRUCTURAL ENGINEER OF RECORD OR SPECIAL INSPECTOR MAY REQUIRE THAT PILES BE SET IN PRE-DRILLED OR PUNCHED HOLES. THE PILES SHALL REACH THEIR FINAL PENETRATION BY DRIVING.

## TERMINAL 555 WATERFRONT IMPROVEMENTS PROJECT Miami, Florida

**CLIENT:**  
420 DEVELOPMENT &  
DESIGN, LLC

c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

**ENVIRONMENTAL CONSULTANT:**  
OCEAN  
CONSULTING, LLC

340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

**CONTRACTOR:**

**PROJECT ENGINEER:**

**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**

351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

### PERMIT DRAWINGS

Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

### PROJECT LOCATION & NOTES

SCALE : AS SHOWN  
SHEET NO.

# S-1



**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:  
**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

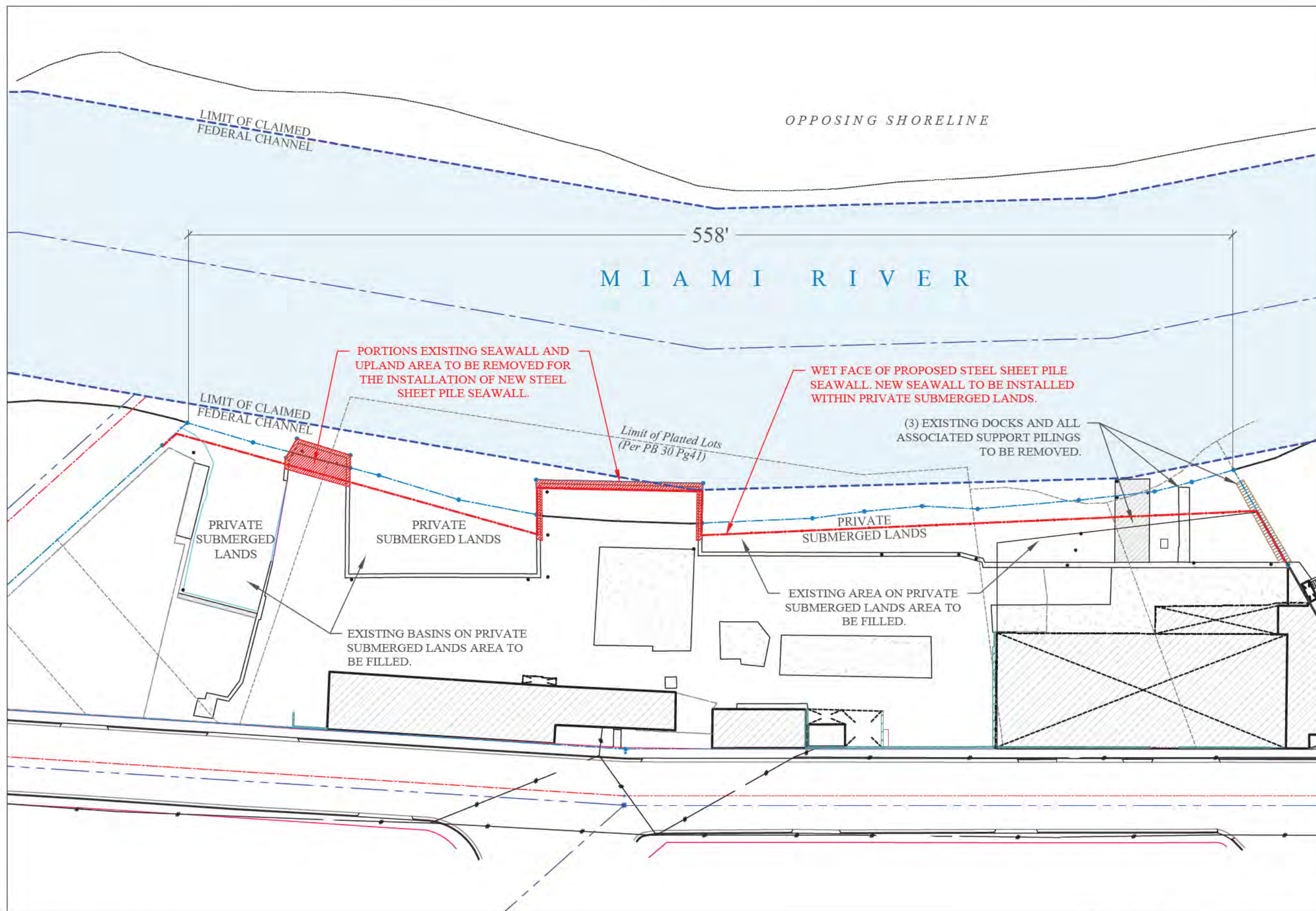
Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

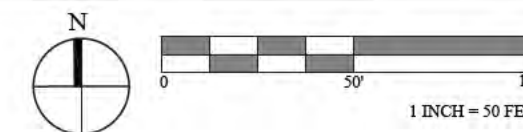
**EXISTING CONDITIONS**

SCALE : AS SHOWN  
SHEET NO.

**S-2**



EXISTING CONDITIONS





**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:  
**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

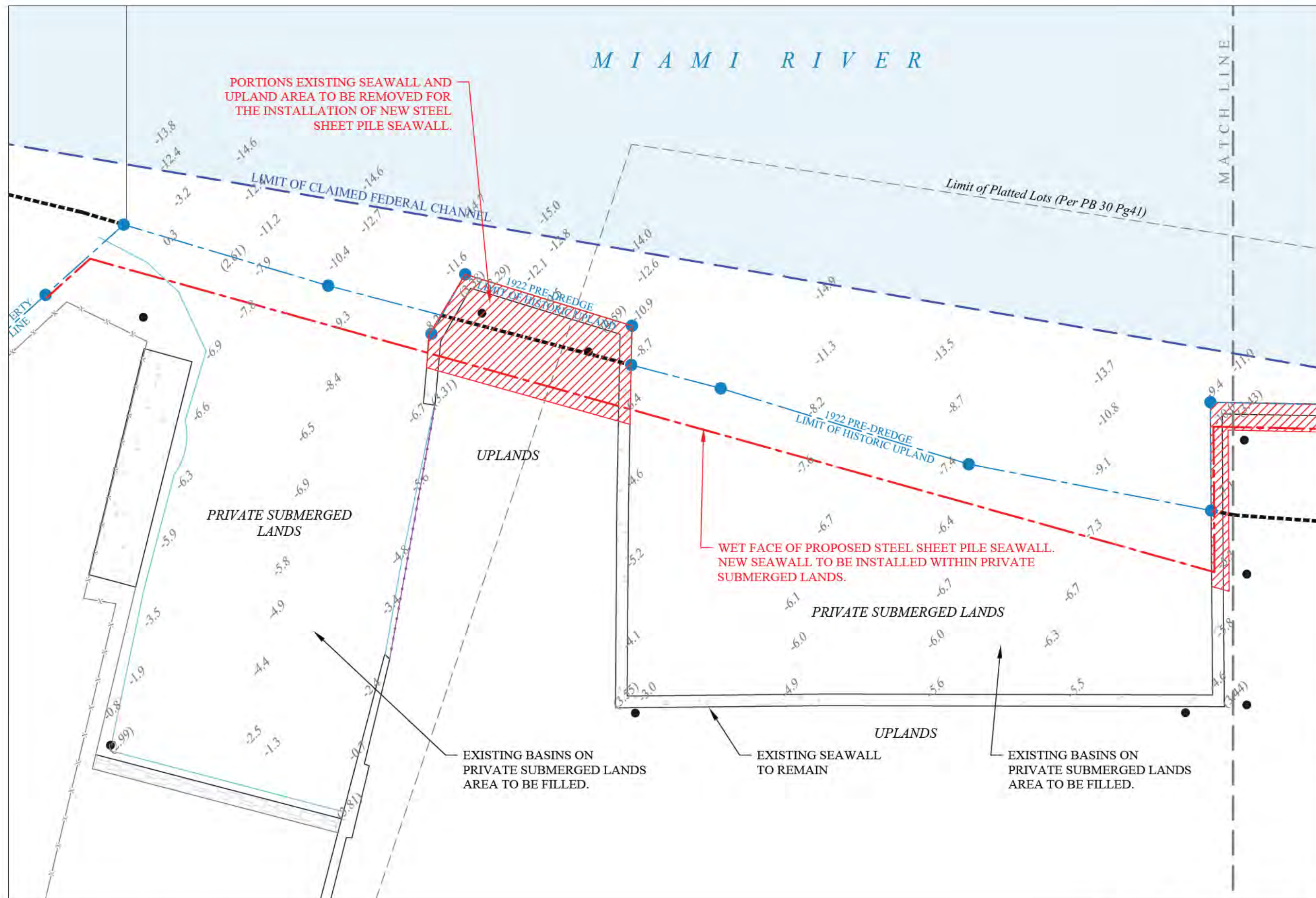
Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

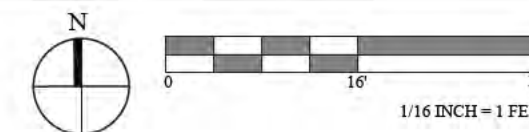
**ENLARGED PROPOSED  
CONDITIONS**

SCALE : AS SHOWN  
SHEET NO.

**S-3A**



ENLARGED EXISTING CONDITIONS









**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:

**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

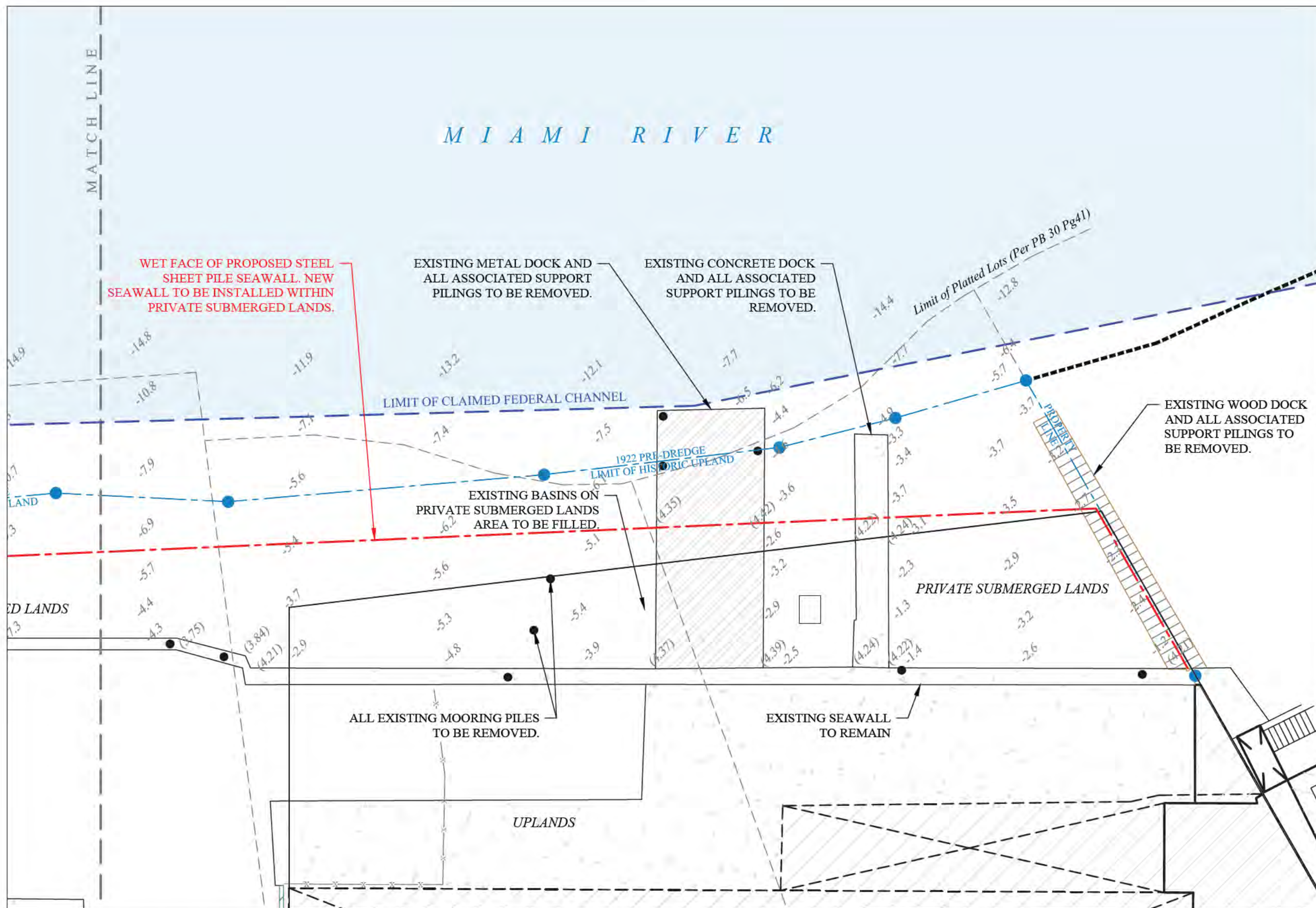
Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

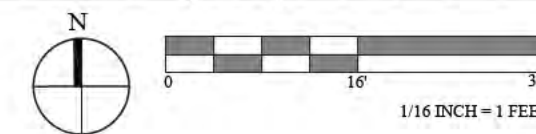
**ENLARGED PROPOSED  
CONDITIONS**

SCALE : AS SHOWN  
SHEET NO.

**S-3C**



ENLARGED PROPOSED CONDITIONS





**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:  
**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

Issue #	Issue Date
①	January 13, 2017

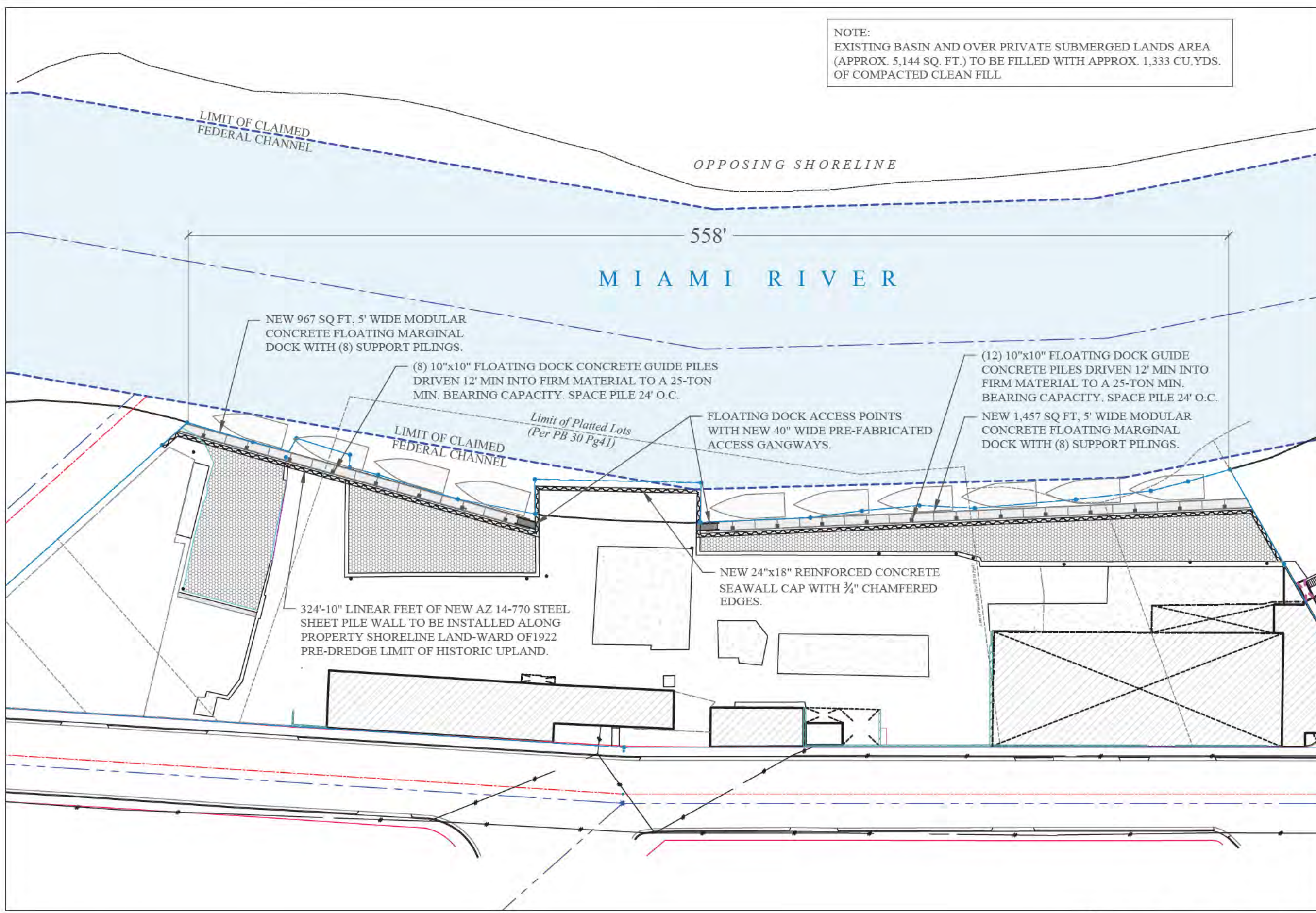
PROJECT: 12-3115

**PROPOSED CONDITIONS**

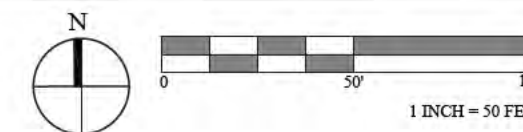
SCALE : AS SHOWN  
SHEET NO.

**S-3**

NOTE:  
EXISTING BASIN AND OVER PRIVATE SUBMERGED LANDS AREA  
(APPROX. 5,144 SQ. FT.) TO BE FILLED WITH APPROX. 1,333 CU.YDS.  
OF COMPACTED CLEAN FILL



PROPOSED CONDITIONS





**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:  
**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

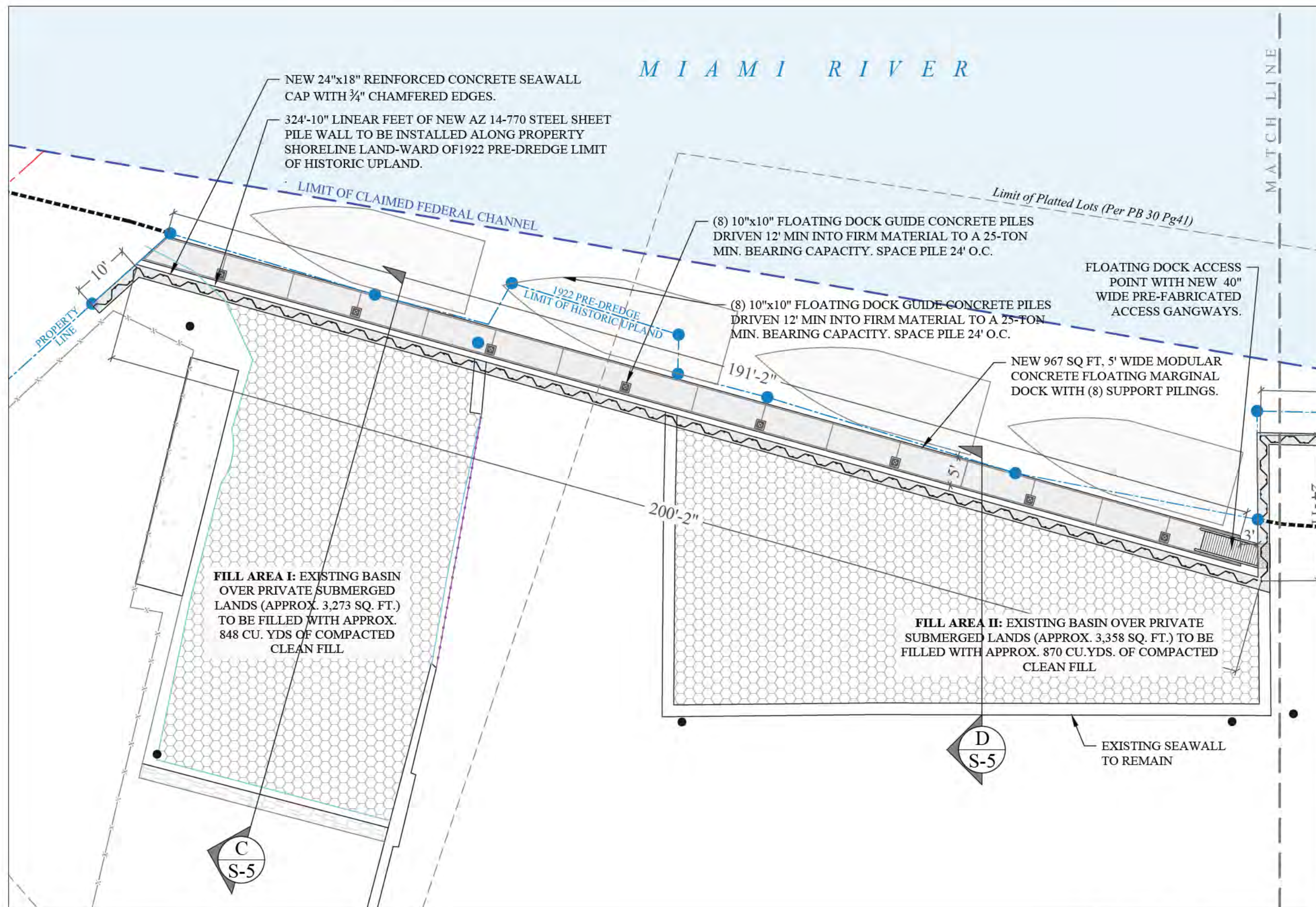
Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

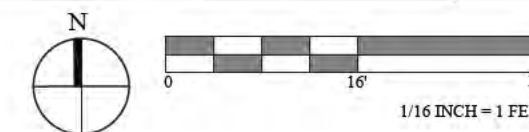
**ENLARGED PROPOSED  
CONDITIONS**

SCALE : AS SHOWN  
SHEET NO.

**S-3A**



ENLARGED PROPOSED CONDITIONS





**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:  
**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

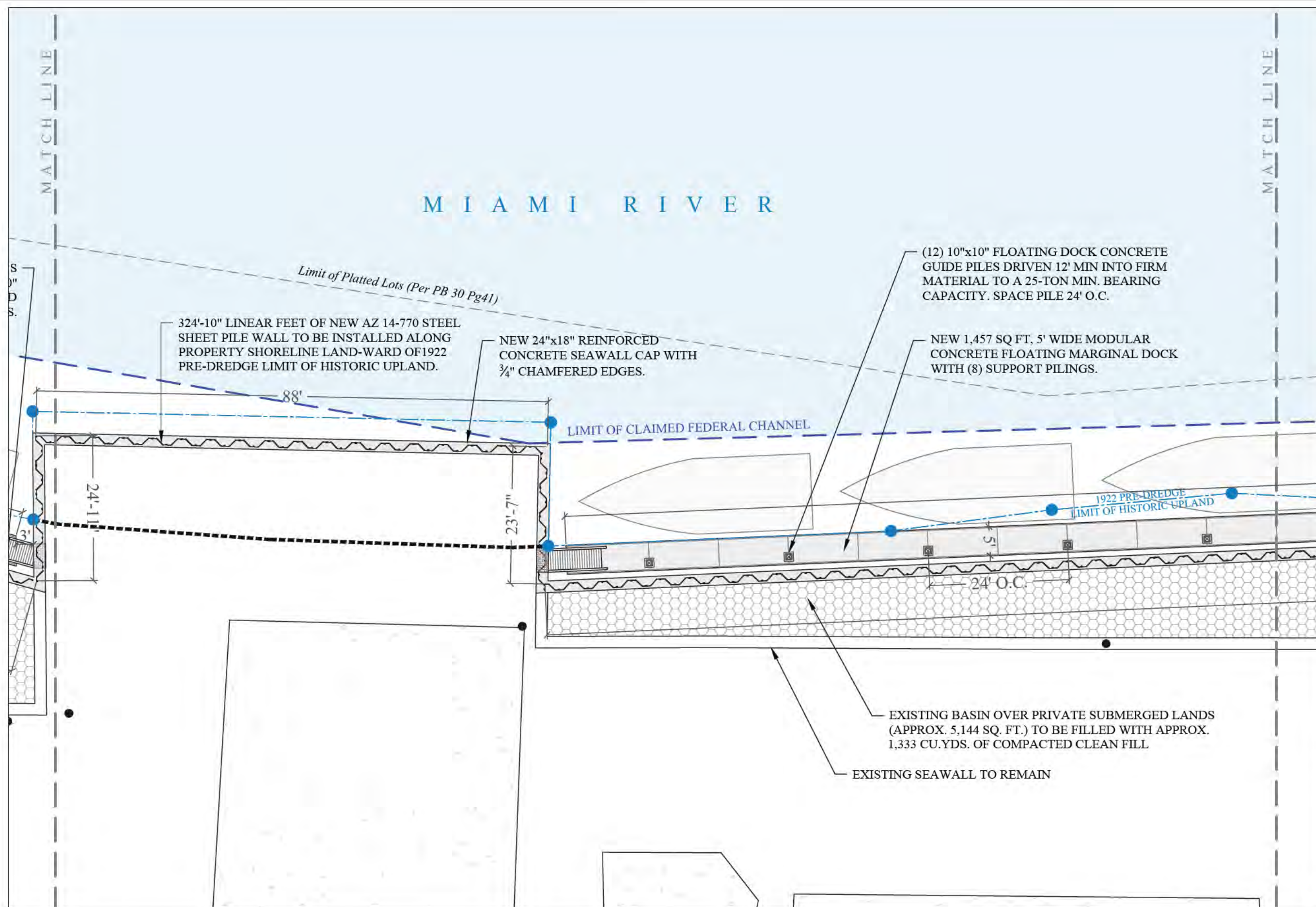
Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

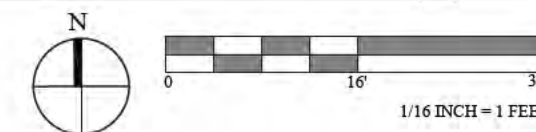
**ENLARGED PROPOSED  
CONDITIONS**

SCALE : AS SHOWN  
SHEET NO.

**S-3B**



ENLARGED PROPOSED CONDITIONS





**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:  
**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

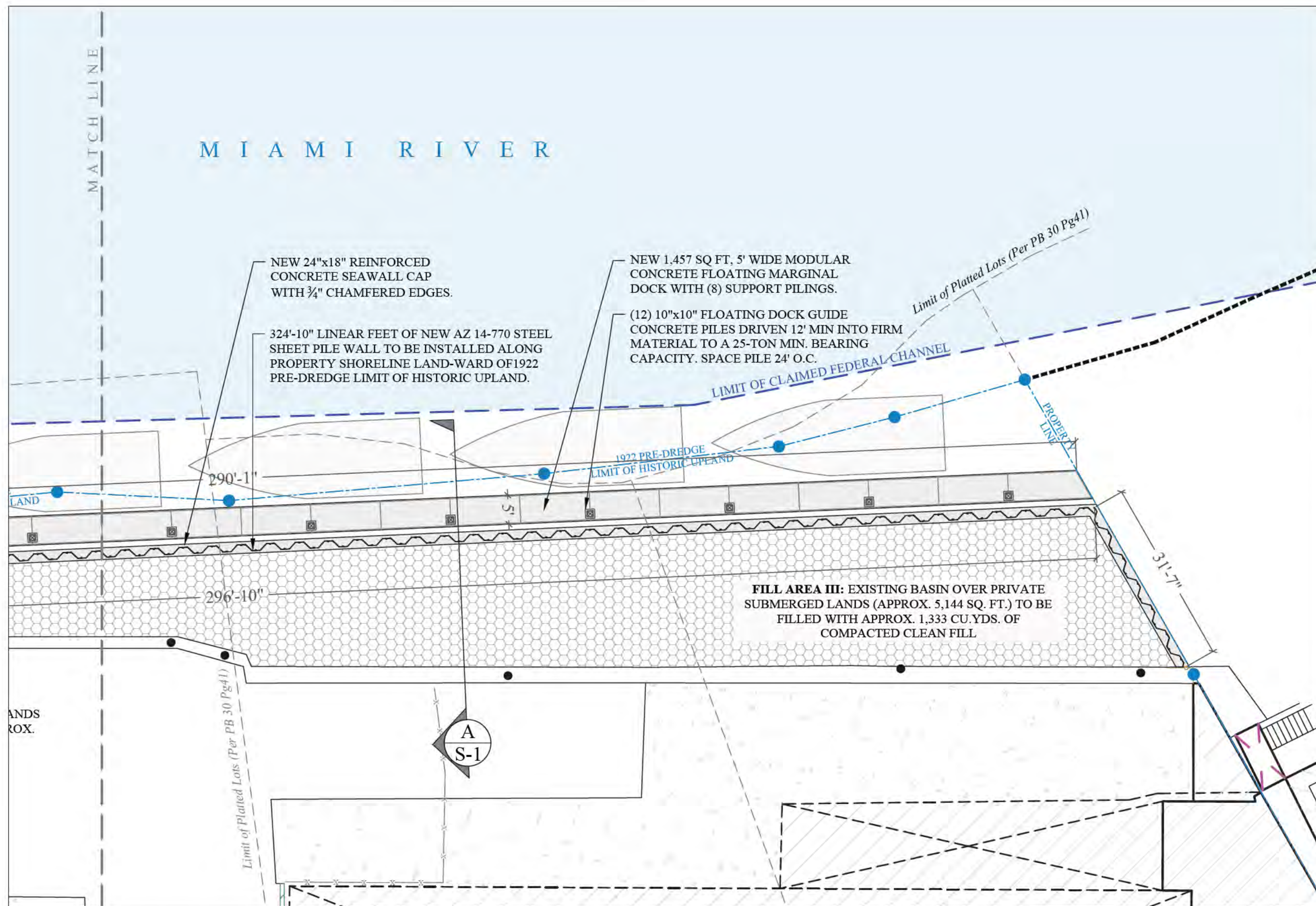
Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

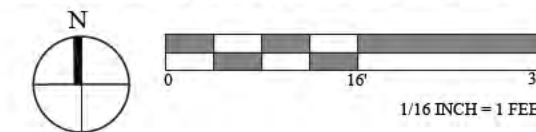
**ENLARGED PROPOSED  
CONDITIONS**

SCALE : AS SHOWN  
SHEET NO.

**S-3C**



ENLARGED PROPOSED CONDITIONS





**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:  
**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

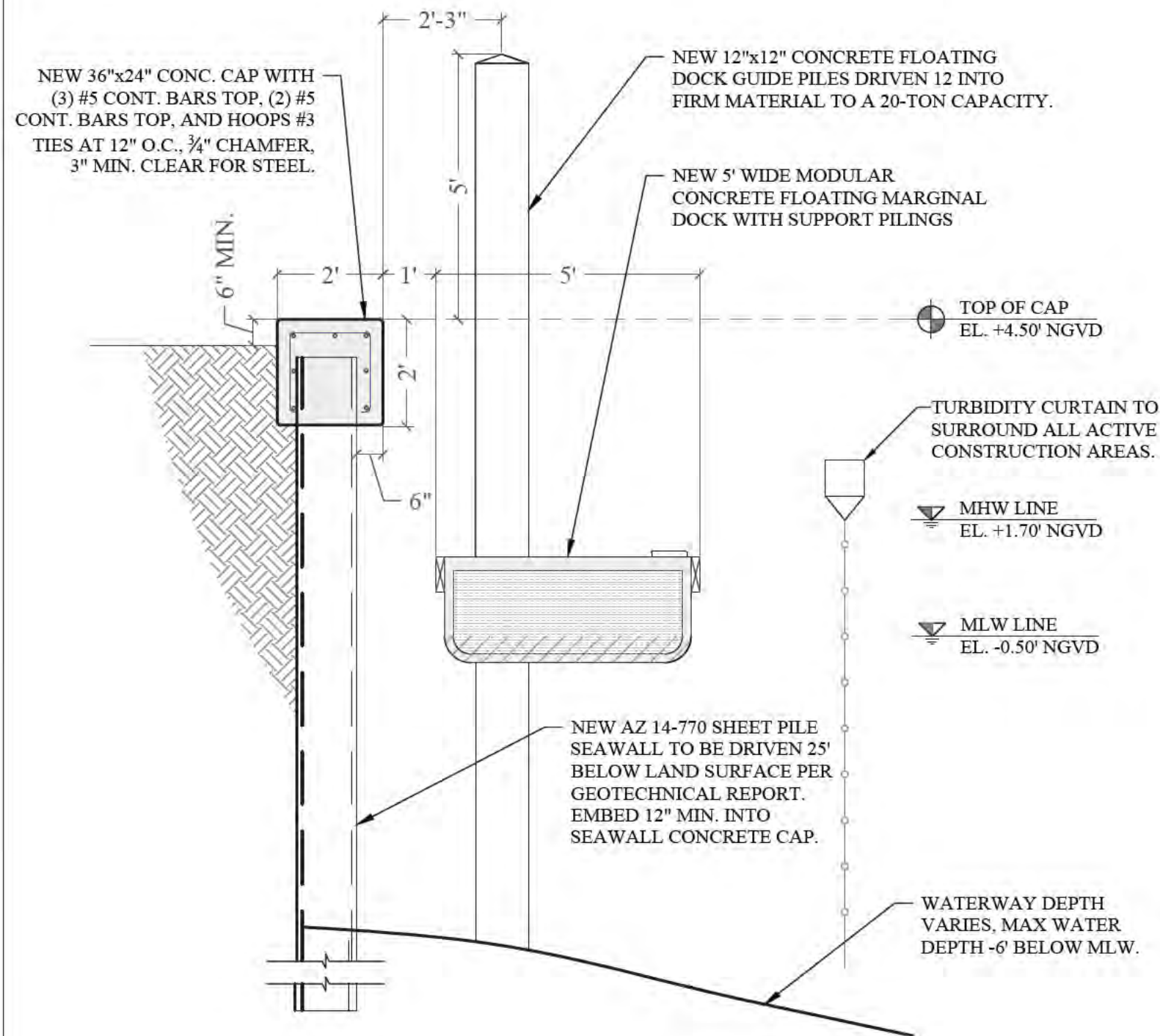
**PERMIT DRAWINGS**

Issue #	Issue Date
①	January 13, 2017

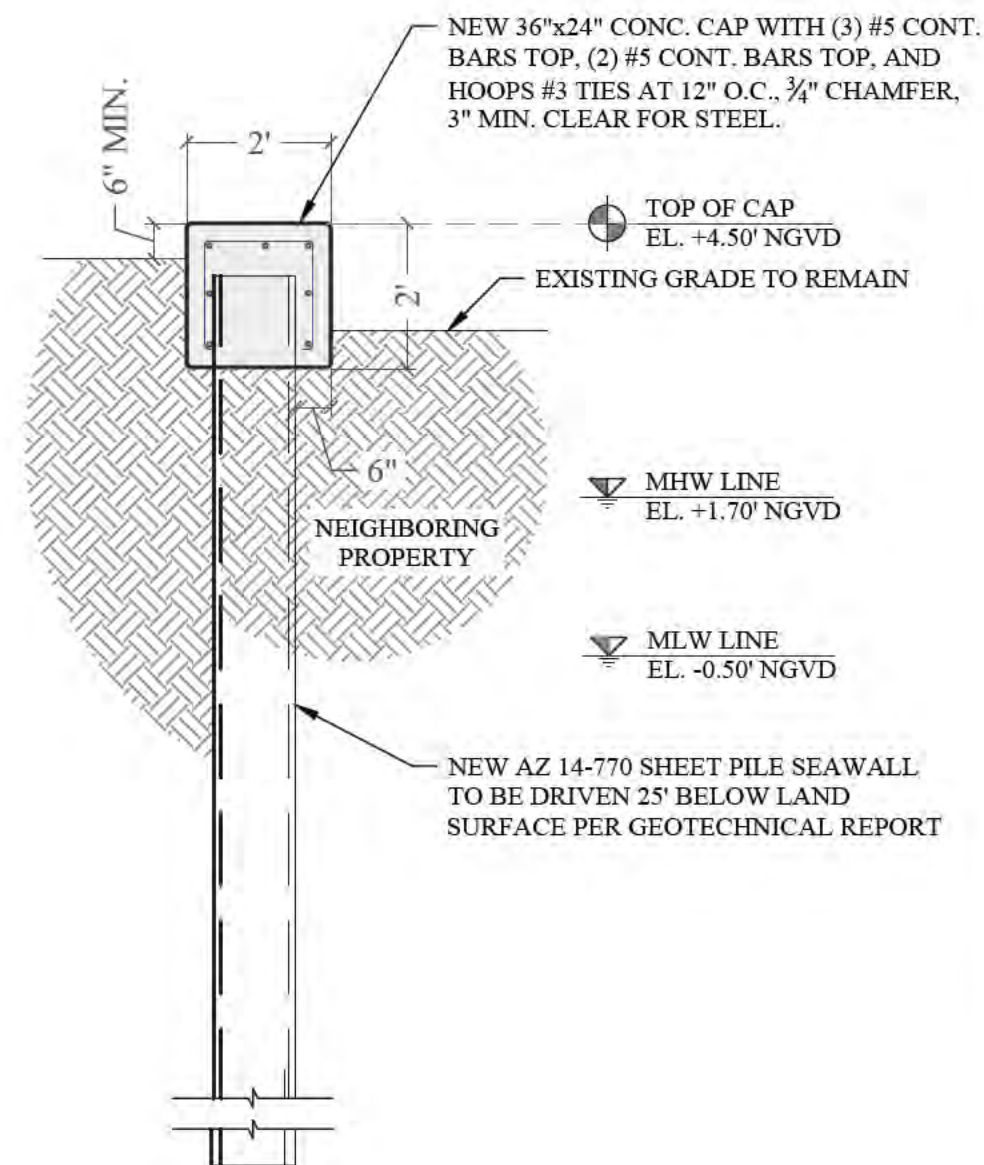
PROJECT: 12-3115

**TYPICAL SEAWALL AND  
FLOATING DOCK  
SECTIONS**  
SCALE: AS SHOWN  
SHEET NO.

**S-4**



TYPICAL SEAWALL SECTION **A**  
SCALE: 3/8" = 1'-0" **S-4**



TYPICAL SEAWALL SECTION **B**  
SCALE: 3/8" = 1'-0" **S-4**



**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:

**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

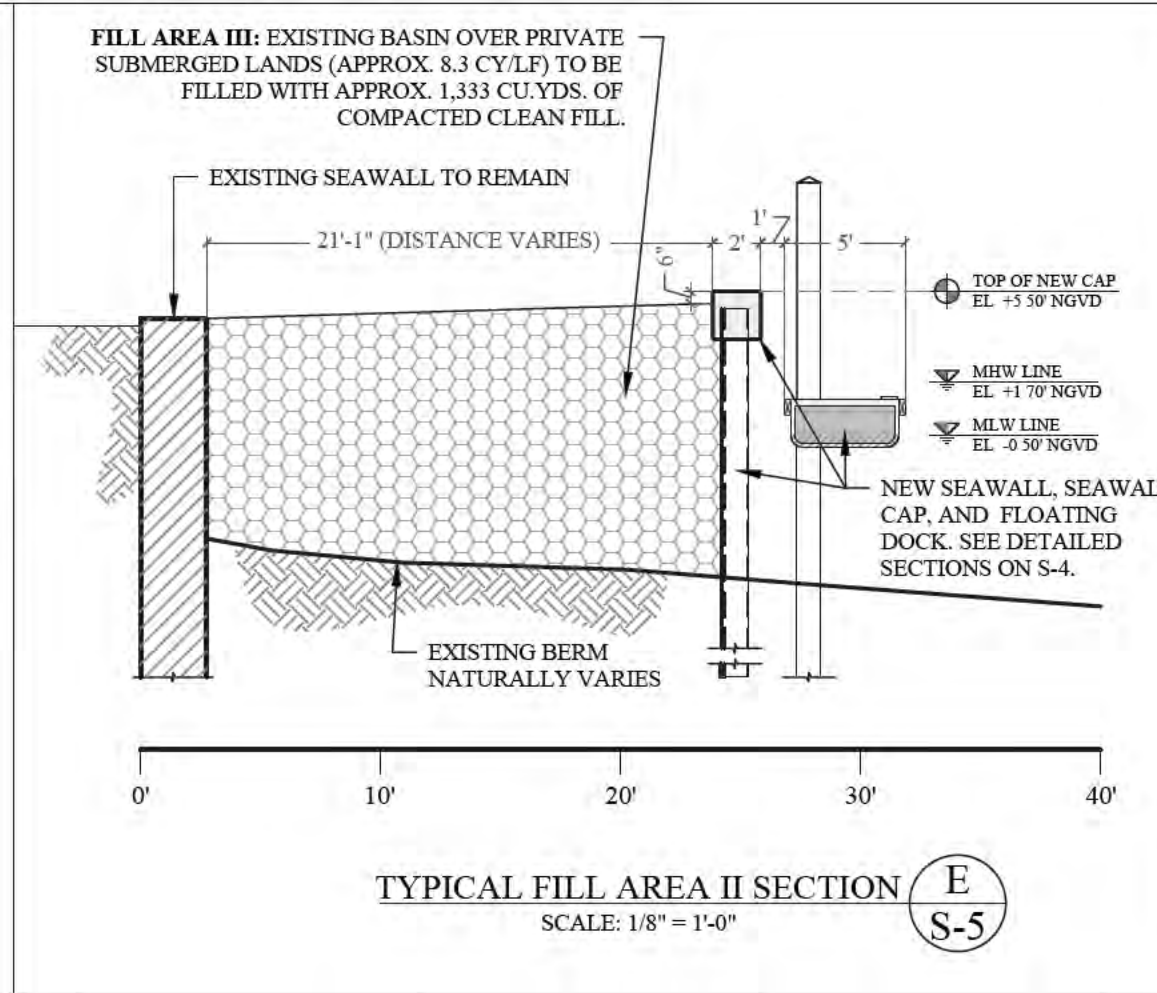
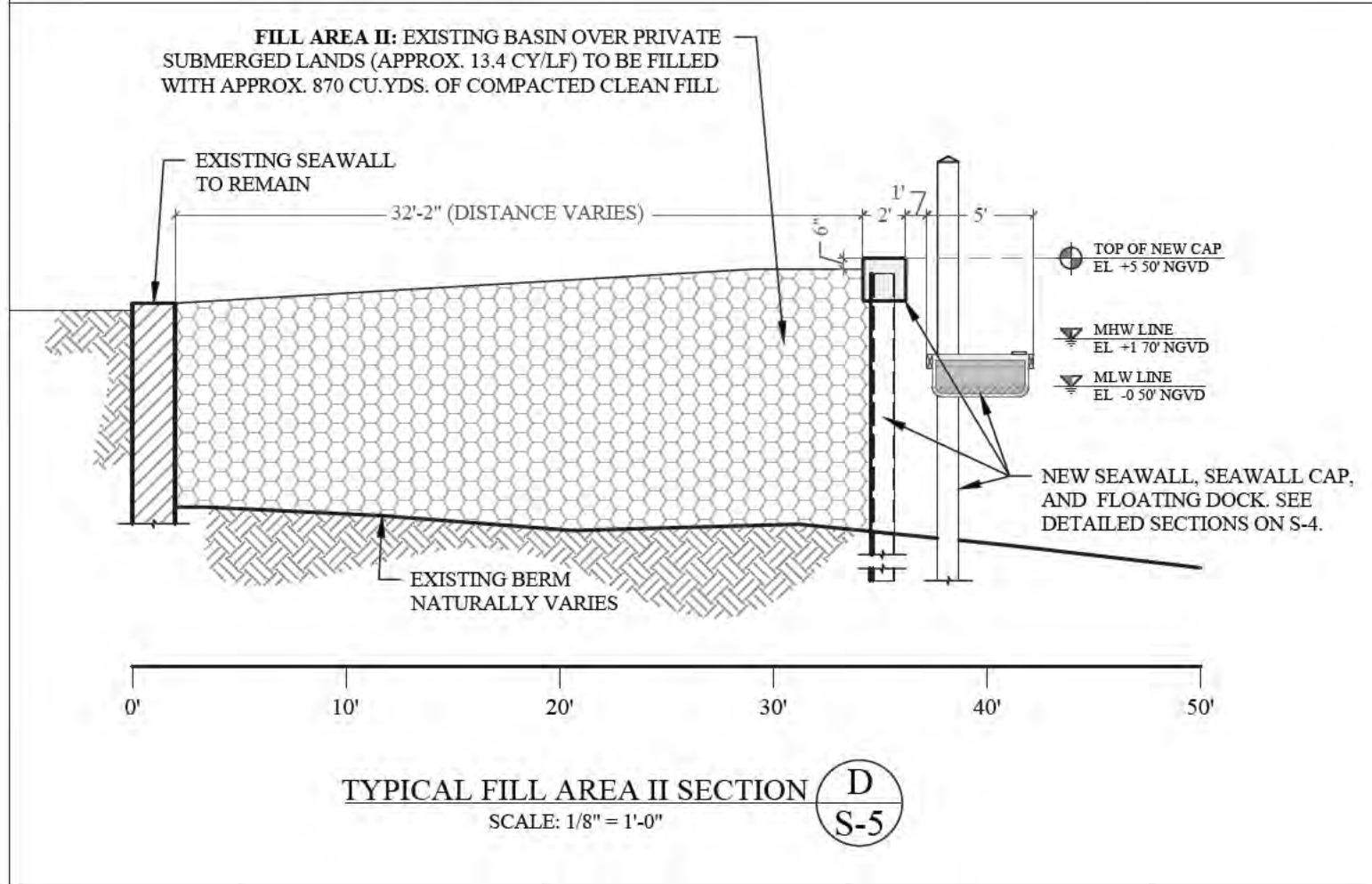
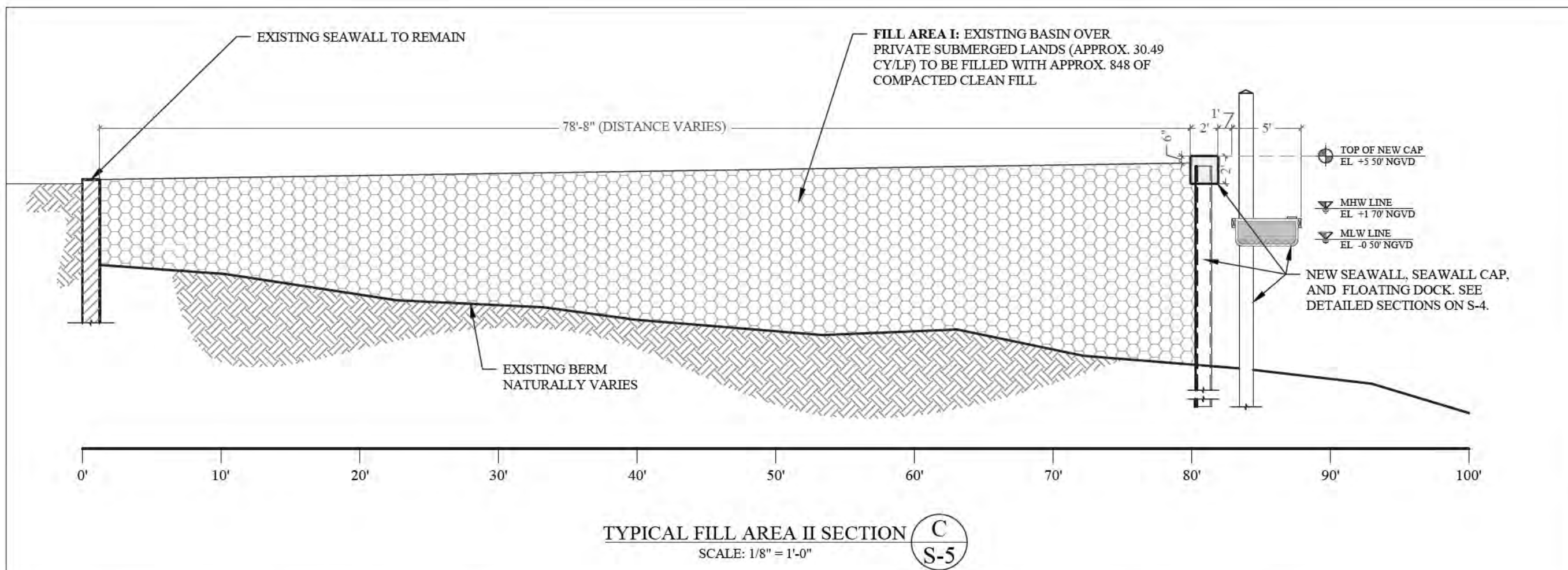
Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

**TYPICAL BASIN FILL  
SECTIONS**

SCALE : AS SHOWN  
SHEET NO.

**S-5**





**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**  
c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:  
**OCEAN  
CONSULTING, LLC**  
340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:

**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**  
351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

**PERMIT DRAWINGS**

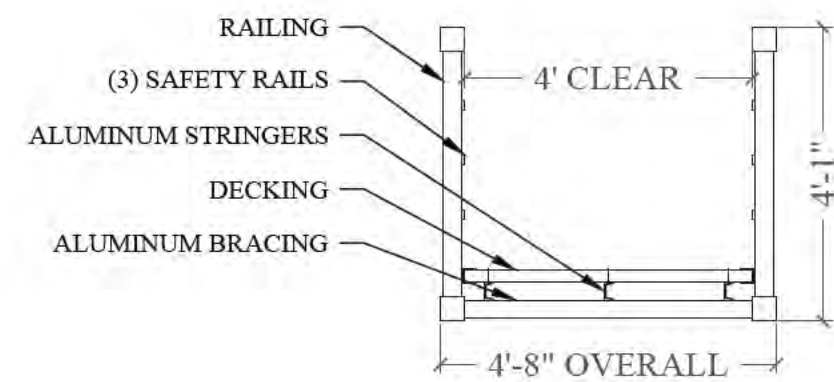
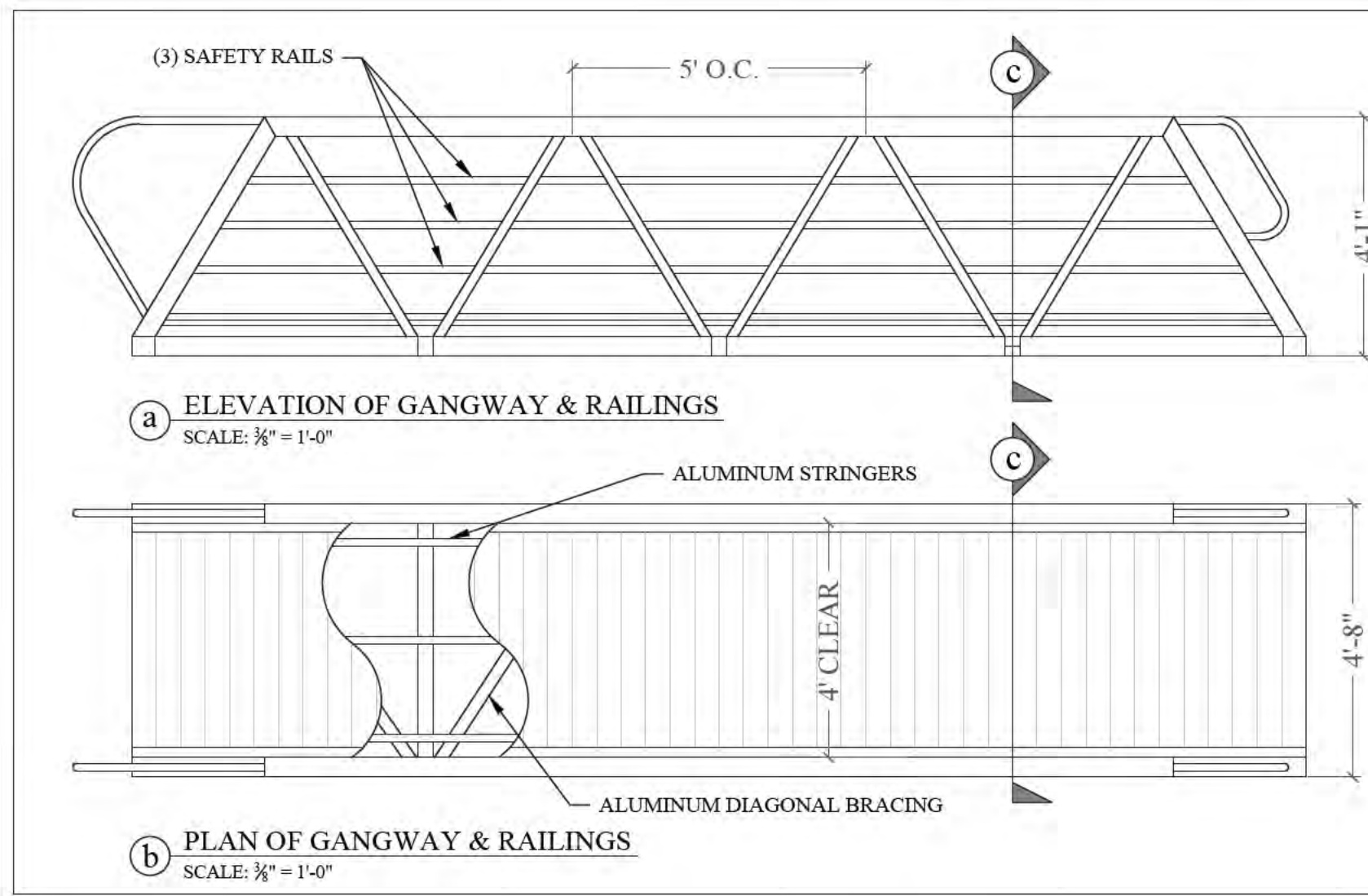
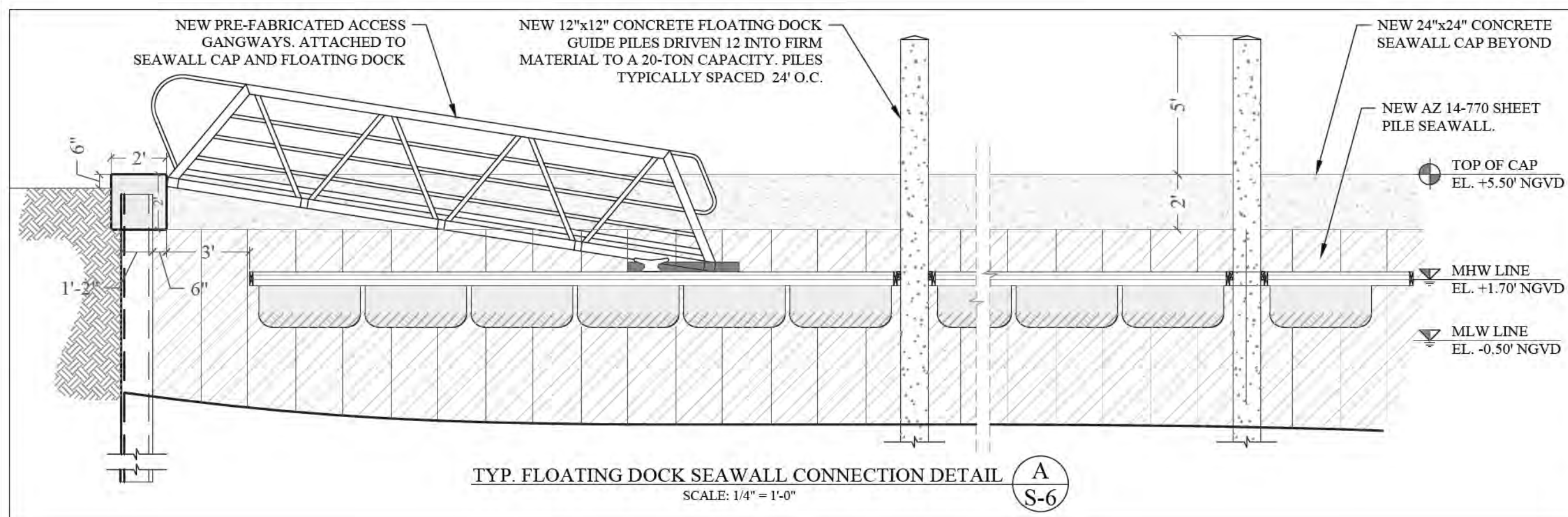
Issue #	Issue Date
①	January 13, 2017

PROJECT: 12-3115

**FLOATING DOCK AND  
GANGWAY DETAILS  
AND SECTIONS**

SCALE : AS SHOWN  
SHEET NO.

**S-6**



**GANGWAY & RAILINGS DETAILS**  
SCALE: 3/8" = 1'-0"



**TERMINAL 555  
WATERFRONT  
IMPROVEMENTS  
PROJECT**  
Miami, Florida

CLIENT:  
**420 DEVELOPMENT &  
DESIGN, LLC**

c/o Mr. Emmanuel Sebag  
802 W. DiLido Drive  
Miami Beach, Florida 33139

ENVIRONMENTAL CONSULTANT:

**OCEAN  
CONSULTING, LLC**

340 Minorca Avenue, Suite 7  
Coral Gables, Florida 33134  
Tel: (305) 921-9344  
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:

**DYNAMIC ENGINEERING  
SOLUTIONS, INC.**

351 S. Cypress Rd, Suite 303  
Pompano Beach, FL 33060  
Tel: (954) 545-1740  
Fax: (954) 545-1721

SEAL / SIGNATURE / DATE

John Omslaer  
PE 52733, CA 26829

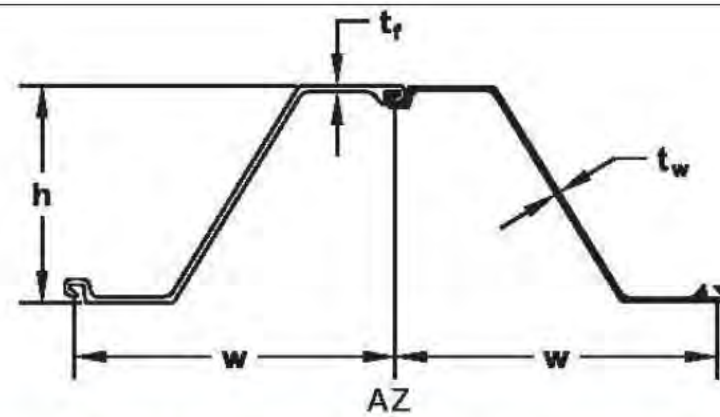
**PERMIT DRAWINGS**

Issue #	Issue Date
①	January 13, 2017

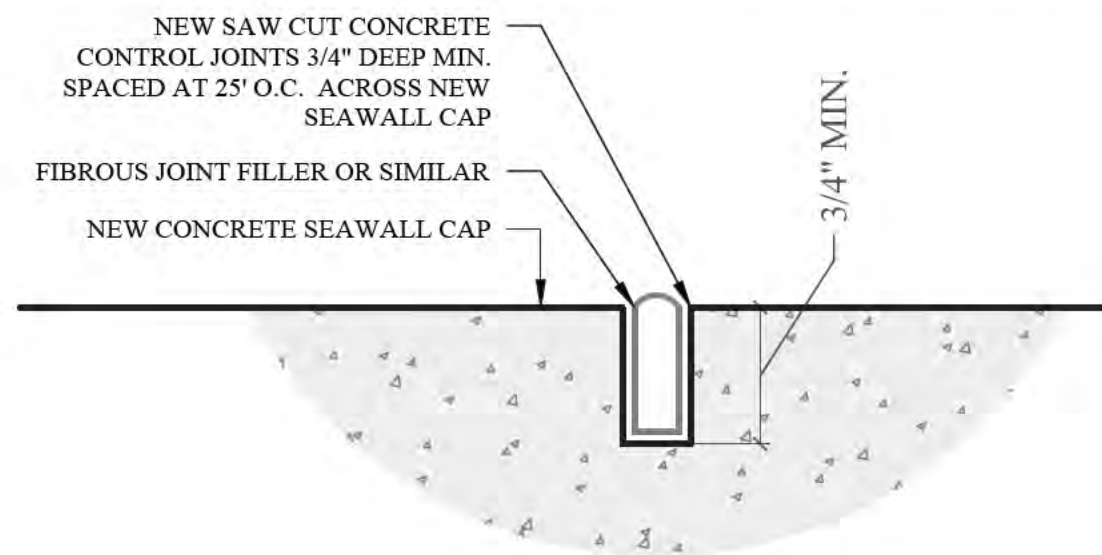
PROJECT: 12-3115

**SHEET PILE  
SPECIFICATIONS AND  
CONTROL JOINT DETAIL**  
SCALE : AS SHOWN  
SHEET NO.

**S-7**



SECTION	Width (w) in (mm)	Height (h) in (mm)	THICKNESS		Cross Sectional Area in <sup>2</sup> /ft (cm <sup>2</sup> /m)	WEIGHT		Section Modulus in <sup>3</sup> /ft (cm <sup>3</sup> /m)	Moment of Inertia in <sup>4</sup> /ft (cm <sup>4</sup> /m)	COATING AREA	
			Flange (tf) in (mm)	Web (tw) in (mm)		Pile lb/ft (kg/m)	Wall lb/ft <sup>2</sup> (kg/m <sup>2</sup> )			Both Sides ft <sup>2</sup> /ft of single (m <sup>2</sup> /m)	Wall Surface ft <sup>2</sup> /ft <sup>2</sup> (m <sup>2</sup> /m <sup>2</sup> )
AZ 12	26.38 670	11.89 302.0	0.335 8.50	0.335 8.50	5.94 125.7	44.42 66.10	20.22 98.70	22.3 1200	132.8 18140	5.45 1.66	1.23 1.23
AZ 13	26.38 670	11.93 303.0	0.375 9.50	0.375 9.50	6.47 136.9	48.38 72.00	22.02 107.50	24.2 1300	144.3 19700	5.45 1.66	1.23 1.23
AZ 14	26.38 670	11.97 304.0	0.413 10.50	0.413 10.50	7.03 148.9	52.62 78.30	23.94 116.90	26.0 1400	156.0 21300	5.45 1.66	1.23 1.23
AZ 12-770	30.31 770	13.52 343.5	0.335 8.50	0.335 8.50	5.67 120.1	48.78 72.60	19.31 94.30	23.2 1245	156.9 21430	6.10 1.86	1.20 1.20
AZ 13-770	30.31 770	13.54 344.0	0.354 9.00	0.354 9.00	5.94 125.8	51.14 76.10	20.24 98.80	24.2 1300	163.7 22360	6.10 1.86	1.20 1.20
AZ 14-770	30.31 770	13.56 344.5	0.375 9.50	0.375 9.50	6.21 131.5	53.42 79.50	21.14 103.20	25.2 1355	170.6 23300	6.10 1.86	1.20 1.20
AZ 17	24.80 630	14.92 379.0	0.335 8.50	0.335 8.50	6.53 138.3	45.96 68.40	22.24 108.60	31.0 1665	231.3 31580	5.64 1.72	1.35 1.35



CONCRETE CONTROL JOINT DETAIL  
NOT DRAWN TO SCALE

4  
S-7