

City Officials:

Mayor

Tomas P. Regalado

Commissioner

Wifredo (Willy) Gort

Commissioner

Marc Sarnoff

Commissioner

Frank Carollo

Commissioner

Francis Suarez

Commissioner

Keon Hardemon

City Manager

Daniel J. Alfonso

City Attorney

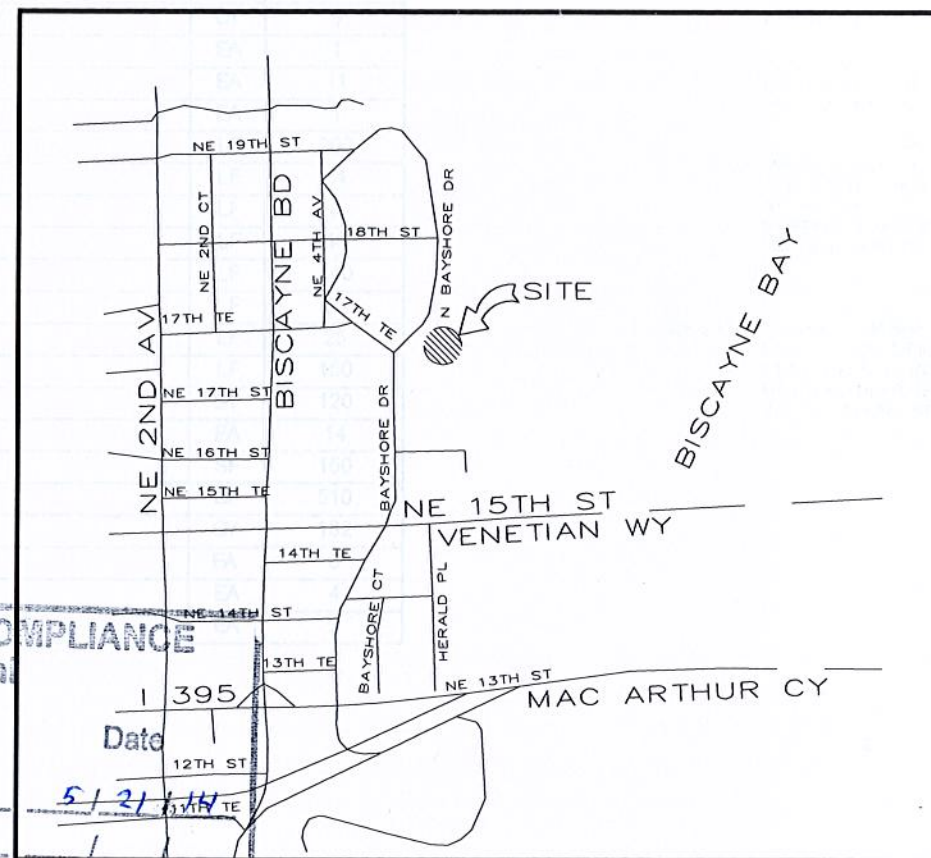
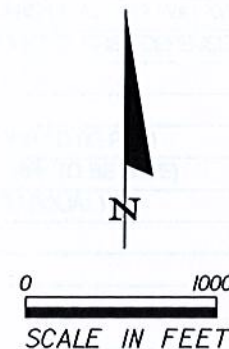
Victoria Mendez

City Clerk

Rodd B. Hannon

CITY OF MIAMI CAPITAL IMPROVEMENTS PROGRAM

MARK SPANIOLI, P.E. DIRECTOR
PROJECT No. B-30731
MIAMI WOMAN'S CLUB
SEAWALL & BAYWALK
CONSTRUCTION PLANS



INDEX OF SHEETS

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Reviewed for CODE COMPLIANCE
City of Miami

Signature _____
Date _____

P. Works P. R. 5/21/14

Fire Prov. _____

Planning [Signature] 6/9/14

Zonning [Signature] 6/7/14

Building [Signature] 12/17/14

Structural _____

Electrical _____

Plumbing _____

Mech. _____

S. Waste _____

GOVERNING STANDARDS AND SPECIFICATIONS:
- FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2010,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2010,
AS AMENDED BY CONTRACT DOCUMENTS.
- CITY OF MIAMI ENGINEERING STANDARDS FOR
DESIGN AND CONSTRUCTION DATED DECEMBER 2010.

CITY OF MIAMI PROJECT MANAGER: ORLANDO MISAS
CITY OF MIAMI CONSTRUCTION MANAGER: ERIC RUSH, P.E.



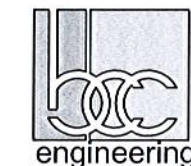
**ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:**

Christopher A. Zavatsky, P.E.
BCC Engineering, Inc.
7300 N Kendall Drive, Suite 400
Miami, Florida 33156
Phone: (305) 670-2350
Fax: (305) 670-2351

**STRUCTURAL SHOP DRAWINGS
TO BE SUBMITTED TO:**

Steve Goldstein, P.E.
BCC Engineering, Inc.
7300 N Kendall Drive, Suite 400
Miami, Florida 33156
Phone: (305) 670-2350
Fax: (305) 670-2351

PLANS PREPARED BY:



7300 N Kendall Drive, Suite 400
Miami, Florida 33156
Phone: (305) 670-2350
Fax: (305) 670-2351
Certificate of Authorization No. 7184

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

ROADWAY PLANS
ENGINEER OF RECORD: CHRISTOPHER A. ZAVATSKY, P.E.

FLORIDA LICENSE No.: 76885

SHEET
NO.

1

GENERAL NOTES

- THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE, 2010 EDITION. THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCED STANDARD APPLIES TO THIS PROJECT.
- TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL DRAWINGS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE GOVERNING BUILDING CODE.
- CONSTRUCTION IS TO COMPLY WITH THE REQUIREMENTS OF THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.
- THE STRUCTURAL DOCUMENTS ARE TO BE USED IN CONJUNCTION WITH THE CIVIL DOCUMENTS. IF A CONFLICT EXISTS, THE MORE STRINGENT GOVERNS.
- DETAILS LABELED "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYS IN AT EACH LOCATION. QUESTIONS REGARDING THE APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ENGINEER.
- CONTRACTORS WHO DISCOVER DISCREPANCIES, OMISSIONS OR VARIATIONS IN THE CONTRACT DOCUMENTS DURING BIDDING OR CONSTRUCTION SHALL IMMEDIATELY NOTIFY THE ENGINEER. THE ENGINEER WILL RESOLVE THE CONDITION AND ISSUE A WRITTEN CLARIFICATION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS AND DIMENSIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. USE ONLY PRINTED DIMENSIONS. REPORT ANY DISCREPANCIES IN WRITING TO THE ENGINEER PRIOR TO PROCEEDING WITH WORK. DO NOT CHANGE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE STRUCTURAL ENGINEER OF RECORD.
- THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK AND THE PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS.
- THE STRUCTURE IS DESIGNED TO BE STRUCTURALLY SOUND WHEN COMPLETED. PRIOR TO COMPLETION, THE CONTRACTOR IS RESPONSIBLE FOR STABILITY AND TEMPORARY BRACING. WHEREVER THE CONTRACTOR IS UNSURE OF THESE REQUIREMENTS, THE CONTRACTOR SHALL RETAIN A FLORIDA LICENSED ENGINEER TO DESIGN AND INSPECT THE TEMPORARY BRACING AND STABILITY OF THE STRUCTURE.

DESIGN SUPERIMPOSED LOADS:

OCCUPANCY	LIVE LOAD	DEAD LOAD
WALKWAY	100 PSF	25 PSF (RIVER ROCK ADJACENT TO CURB)

DESIGN WIND LOADS

GOVERNING CODE	ASCE 7-10
BASIC WIND SPEED	V = 175 MPH
RISK CATEGORY	II
DIRECTIONALITY FACTOR	K _d = 0.85
EXPOSURE - MWFS	D
COMPONENTS AND CLADDING	D
INTERNAL PRESSURE COEFFICIENT	GCP1 = 0.55
MEAN ROOF HEIGHT	5 FEET

SHOP DRAWINGS AND OTHER SUBMITTALS

- SUBMIT SPECIFIC COMPONENTS, SUCH AS BEAMS, PLANKS, ETC., IN A SINGLE PACKAGE.
- ON FIRST SUBMITTAL, CLEARLY FLAG AND CLOUD ALL DIFFERENCES FROM THE CONTRACT DOCUMENTS. ON RESUBMITTALS, FLAG AND CLOUD ALL CHANGES AND ADDITIONS TO PREVIOUS SUBMITTAL; ONLY CLOUDED ITEMS WILL BE REVIEWED.
- SUBMITTALS FOR SPECIAL STRUCTURAL, LOAD-CARRYING ITEMS THAT ARE REQUIRED BY CODES OR STANDARDS TO RESIST FORCES MUST BE PREPARED BY, OR UNDER THE DIRECT SUPERVISION OF, A DELEGATED ENGINEER. EXAMPLES INCLUDE PRECAST, PRESTRESSED CONCRETE PLANK AND PRECAST, PRESTRESSED CONCRETE PILES.
- A DELEGATED ENGINEER IS DEFINED AS A FLORIDA LICENSED ENGINEER WHO SPECIALIZES IN AND UNDERTAKES THE DESIGN OF STRUCTURAL COMPONENTS OR STRUCTURAL SYSTEMS INCLUDED IN A SPECIFIC SUBMITTAL PREPARED FOR THIS PROJECT AND IS AN EMPLOYEE OR OFFICER OF, OR CONSULTANT TO, THE CONTRACTOR OR FABRICATOR RESPONSIBLE FOR THE SUBMITTAL. THE DELEGATED ENGINEER SHALL SIGN, SEAL AND DATE THE SUBMITTAL, INCLUDING CALCULATIONS AND DRAWINGS.
- THE TRADE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT THE JOB SITES, FOR TOLERANCES, CLEARANCES, QUANTITIES, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THE WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL REVIEW AND APPROVE SUBMITTALS AND SHALL SIGN AND DATE EACH DRAWING PRIOR TO SUBMITTING TO THE ARCHITECT. THIS APPROVAL IS TO CONFIRM THAT THE SUBMITTAL IS COMPLETE, COMPLIES WITH THE SUBMITTAL REQUIREMENTS AND IS COORDINATED WITH FIELD DIMENSIONS, OTHER TRADES, ERECTION SEQUENCING AND CONSTRUCTABILITY.
- THE STRUCTURAL ENGINEER REVIEWS SUBMITTALS TO CONFIRM THAT THE SUBMITTAL IS IN GENERAL CONFORMANCE WITH THE DESIGN CONCEPT PRESENTED IN THE CONTRACT DOCUMENTS. QUANTITIES AND DIMENSIONS ARE NOT CHECKED. NOTATIONS ON SUBMITTALS DO NOT AUTHORIZE CHANGES TO THE CONTRACT SUM. CHECKING OF THE SUBMITTAL BY THE STRUCTURAL ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE CONTRACT DOCUMENTS AND FROM ERRORS OR OMISSIONS IN THE SUBMITTAL.
- IN ADDITION TO THE ABOVE, THE STRUCTURAL ENGINEER'S REVIEW OF DELEGATED ENGINEER SUBMITTALS IS LIMITED TO VERIFYING THAT THE SPECIFIED STRUCTURAL SUBMITTAL HAS BEEN FURNISHED, SIGNED AND SEALED BY THE DELEGATED ENGINEER AND THAT THE DELEGATED ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND USED THE SPECIFIED STRUCTURAL CRITERIA. NO DETAILED CHECK OF CALCULATIONS WILL BE MADE. THE DELEGATED ENGINEER IS SOLELY RESPONSIBLE FOR HIS/HER DESIGN, INCLUDING BUT NOT LIMITED TO THE ACCURACY OF HIS/HER CALCULATIONS AND COMPLIANCE WITH THE APPLICABLE CODES AND STANDARDS.

DRIVEN PILES

- FOUNDATION DESIGN IS BASED ON GEOTECHNICAL INVESTIGATION, DATA, AND RECOMMENDATIONS IN REPORT #21172 BY GEOSOL DATED JANUARY 11, 2012.
 - STRUCTURAL DESIGN OF PILES SHALL BE BY A DELEGATED ENGINEER IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1825 AND ACI 543R-12.
 - USE THE FOLLOWING PRECAST PRESTRESSED CONCRETE PILES:

PILE SIZE	MIN. LONGITUDINAL STRANDS	BEARING CAPACITY	LATERAL CAPACITY	MAX. CASTING LENGTH
14X14	4-7/16"	15 TONS	2 TONS	30'
- USE ASTM A-416, 7 WIRE STRANDS. CONFINE WITH NO. 5 GAGE SPIRAL TIES WITH EACH END HAVING 5 TURNS AT 1" PITCH, 16 TURNS AT 3" PITCH AND THE INTERIOR TURNS AT 8" PITCH.

- CONCRETE STRENGTH SHALL BE MINIMUM 3000 PSI AT RELEASE AND MINIMUM 5000 PSI AT TIME OF DRIVING.
- INSTALL PILES IN ACCORDANCE WITH SECTION 455.B OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- PILE HAMMER AND ASSOCIATED EQUIPMENT SHALL BE LOCATED LANDWARD OF EXISTING RETAINING WALL.
- CENTER SINGLE PILES UNDER BEAMS. PLACE ALL PILES WITHIN 3" OF SPECIFIED LOCATION AND 2% OF PLUMBNESS.
- PROVIDE A SURVEY OF AS-BUILT PILE LOCATIONS. REFERENCE ALL PILES TO THEIR LOCATION SPECIFIED ON THE STRUCTURAL DRAWINGS AND FLAG ALL PILES WHICH EXCEED ALLOWABLE TOLERANCE OR ARE DAMAGED. SUBMIT SURVEY AT LEAST 48 HOURS PRIOR TO POURING AFFECTED BEAMS.

EXCAVATION AND BACKFILL

- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT EXCAVATION, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT AND OSHA REGULATIONS. DO NOT EXCAVATE WITHIN ONE FOOT OF THE ANGLE OF REPOSE OF ANY SOIL BEARING FOUNDATION UNLESS THE FOUNDATION IS PROPERLY PROTECTED AGAINST SETTLEMENT.
- DO NOT BACKFILL AGAINST NEW RETAINING WALLS UNTIL 7 DAYS AFTER THE WALLS ARE BRACED BY THE STRUCTURE OR ARE TEMPORARILY BRACED.

SLABS ON GRADE

- REFER TO GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION MORE THAN 12" BELOW BOTTOM OF SLAB.
- ABOVE SUBGRADE, USE FILL CONTAINING NOT MORE THAN 10% PASSING #200 SIEVE AND MAXIMUM 1 INCH DIAMETER. COMPACT TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR ASTM D-1557. EACH LAYER OF FILL SHALL NOT EXCEED 6" LOOSE THICKNESS. COMPACT PRIOR TO PLACEMENT OF THE NEXT LAYER.
- FILL PLACEMENT AND COMPACTION SHALL BE MONITORED AND ACCEPTED BY THE TESTING AGENCY. TAKE A MINIMUM OF TWO FIELD DENSITY TESTS (ASTM D-1556 OR D-2922). THE TESTING AGENCY SHALL RANDOMLY SELECT TEST LOCATIONS.
- DO NOT USE ANY POLYETHYLENE SHEETING BELOW EXTERIOR CONCRETE SLABS.
- USE WELDED WIRE REINFORCEMENT SUPPLIED IN FLAT SHEETS ONLY. USE CHAIRS TO SUPPORT WIRE FABRIC IN THE CENTER OF SLAB.
- PROVIDE CRACK CONTROL JOINTS AT 10 FEET MAXIMUM TO LIMIT AREAS BETWEEN JOINTS TO 100 SQ. FT. IN ALL FLOATING SLABS ON GRADE.

REINFORCED CONCRETE

- COMPLY WITH ACI 301-10 AND ACI 318-08.
- PROVIDE STRUCTURAL CONCRETE WITH A MINIMUM ULTIMATE COMPRESSIVE DESIGN STRENGTH IN 28 DAYS AS FOLLOWS:

ELEMENT	STRENGTH
FOOTINGS	4,000 PSI
WALLS	4,000 PSI
ELEVATED SLABS & BEAMS	5,000 PSI MAX. W/C=0.40 MAX. CHLORIDE ION CONTENT=0.15
SLABS ON GRADE	4,000 PSI
- ELEVATED SLAB INCLUDES BACKUP SPAN CAST ON GRADE.
- USE NORMAL WEIGHT CONCRETE FOR ALL STRUCTURAL MEMBERS.
- PROVIDE ASTM A-615 GRADE 60 REINFORCING STEEL. REINFORCING SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE, WITH APPROPRIATE BAR SUPPORTS AND SPACERS. LAP CONTINUOUS REINFORCING 48 BAR DIA. LAP BOTTOM STEEL OVER SUPPORTS AND TOP STEEL AT MIDSPAN (U.O.N.). HOOK DISCONTINUOUS ENDS OF ALL TOP BARS. PROVIDE COVER OVER REINFORCING AS FOLLOWS:

ELEMENT	BOTTOM	TOP	SIDES
FOOTINGS	3"	2"	3"
ELEVATED SLABS & BEAMS	1-1/2"	1-1/2"	1-1/2"
SLABS ON GRADE	3"	2"	2"
WALLS RETAINING FILL	-	-	2"

- WHERE SPECIFIED, PROVIDE PLAIN, COLD-DRAWN ELECTRICALLY-WELDED WIRE REINFORCEMENT CONFORMING TO ASTM A-185. SUPPLY IN FLAT SHEETS ONLY. LAP SPLICE ONE CROSS WIRE SPACING PLUS TWO INCHES.
- PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI 318, SECTION 6.4. PROVIDE KEYWAYS AND ADEQUATE DOWELS. SUBMIT DRAWINGS SHOWING LOCATION OF CONSTRUCTION JOINTS AND DIRECTION OF POUR FOR REVIEW.
- PROVIDE 3/4" CHAMFER FOR ALL EXPOSED CORNERS.
- PROVIDE REINFORCING STEEL PLACER WITH A SET OF STRUCTURAL DRAWINGS FOR FIELD REFERENCE. INSPECT REINFORCING STEEL PLACING FROM STRUCTURAL DRAWINGS.
- CONCRETE COLOR SHALL BE STANDARD GRAY (NO PIGMENTS REQUIRED).
- CONCRETE SHALL BE BRUSH FINISHED IN ACCORDANCE WITH SECTION 408-8 OF THE CITY OF MIAMI STANDARD SPECIFICATIONS FOR PUBLIC WORKS PROJECTS.

DEMOLITION

- SAWCUT PORTION OF EXISTING RETAINING WALL TO BE REMOVED. PROVIDE NETTING ON SEAWARD SIDE OF WALL TO PREVENT DEBRIS FROM FALLING INTO BAY.
- AT ALL LOCATIONS WHERE THE DEMOLITION OF A CONCRETE MEMBER LEAVES THE ENDS OF REINFORCING STEEL EXPOSED, CHIP CONCRETE AROUND THE STEEL TO A DEPTH OF 1", CUT OFF REINFORCING STEEL 1" BELOW THE CONCRETE SURFACE AND FILL THE CAVITY FLUSH WITH A CEMENTITIOUS REPAIR MORTAR.
- REMOVE COMPLETELY FROM THE SITE AND LEGALLY DISPOSE OF ALL DEBRIS GENERATED BY THE DEMOLITION WORK.

EXPANSION ANCHORS

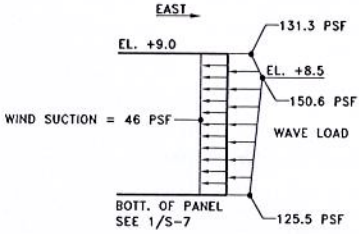
- USE WEDGE-TYPE EXPANSION ANCHORS SUCH AS THE HILTI KWIK BOLT II, ITW RAMSET RED HEAD TRUBOLT WEDGE, POWERS RAWL POWER-STUD, SIMPSON STRONG-TIE WEDGE-ALL OR ACCEPTED EQUIVALENT. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR USE AND INSTALLATION.
- CONFIRM THE ABSENCE OF REINFORCING STEEL BY DRILLING A 1/4" DIAMETER PILOT HOLE FOR EACH ANCHOR. DO NOT CUT REINFORCING STEEL WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.
- PROVIDE ANCHOR EMBEDMENT, SPACING AND EDGE DISTANCE AS SHOWN ON THE DRAWINGS.

CHEMICAL ADHESIVE FOR ANCHORING REINFORCING BARS, THREADED BARS AND ANCHOR BOLTS

- USE AN EPOXY, ACRYLIC OR POLYESTER RESIN ADHESIVE SYSTEM SUCH AS THE HILTI HIT HY150, ITW RAMSET/RED HEAD EPOX A7 OR CG INJECTION SYSTEM, POWERS RAWL POWER-FAST SYSTEM, SIMPSON STRONG-TIE AT OR ET, ALLIED FASTENER ALLIED GOLD A-1000, OR ACCEPTED EQUIVALENT. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR USE AND INSTALLATION.
- CONFIRM THE ABSENCE OF REINFORCING STEEL BY DRILLING A 1/4" DIAMETER PILOT HOLE FOR EACH ANCHOR. DO NOT CUT REINFORCING STEEL WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.
- REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR APPROPRIATE DRILL SIZE. THOROUGHLY CLEAN HOLE INCLUDING REMOVAL OF DUST PRIOR TO FILLING WITH EPOXY.
- PROVIDE ANCHOR EMBEDMENT, SPACING AND EDGE DISTANCE AS SHOWN ON THE DRAWINGS.
- THREADED RODS ARE A-36 GALVANIZED STEEL, U.O.N.

FLOOD PANEL

- CONTRACTOR SHALL FURNISH FLOOD PANEL TO BE INSTALLED AT LOCATION INDICATED ON PLAN DURING TROPICAL STORM / HURRICANE WARNINGS.
- PANEL SHALL BE DESIGNED BY A FLORIDA LICENSED DELEGATED ENGINEER RETAINED BY PANEL SUPPLIER. SUBMIT SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS.
- PANEL DESIGN LOADS (UNFACTORED SERVICE LOADS):



NOTE: WIND LOAD AND WAVE LOAD SHALL BE CONSIDERED SIMULTANEOUSLY AND SHALL BE COMBINED AS PER ASCE 7-10.

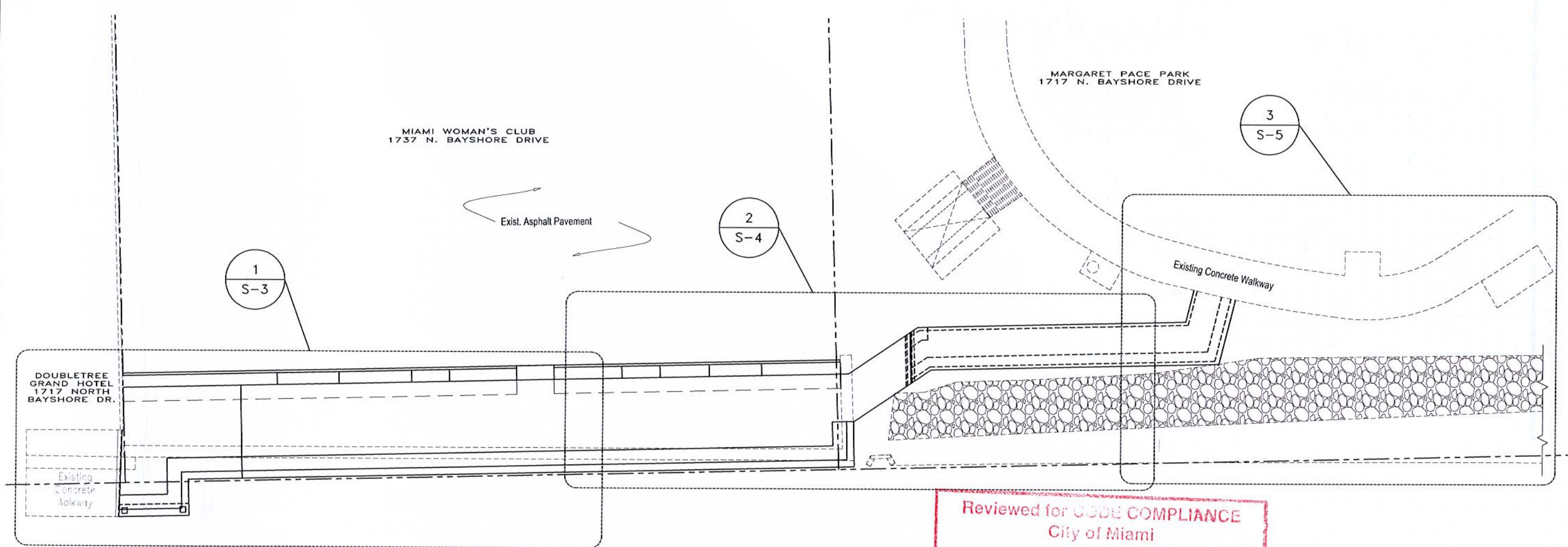
Reviewed for CODED
City of Miami
Signature _____ Date _____

P. Works _____
Fire Prev. _____
Planning _____
Zoning _____
Building _____
Structural _____
Electrical _____
Plumbing _____
Mech. _____
S. Waste _____
Elevator _____

[Handwritten Signature] 12/17/14

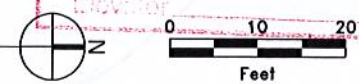
STEVEN MARK GOLDSTEIN
LICENSE
No. 4423
STATE OF FLORIDA
PROFESSIONAL ENGINEER
[Handwritten Signature] 10-31-14

REVISIONS						 Steven Goldstein Florida License No. 44423 7300 N Kendall Drive, Suite 400 Miami, Florida 33156 Phone: (305) 670-2350 Fax: (305) 670-2351 Certificate of Authorization No. 7184	CITY OF MIAMI CAPITAL IMPROVEMENTS PROGRAM		STRUCTURAL NOTES SHEET NO. S-1
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		PROJECT NAME	PROJECT ID	
						MIAMI WOMAN'S CLUB SEAWALL & BAYWALK	B-30731		



BISCAYNE BAY

KEY PLAN
SCALE: 1" = 20'-0"



Reviewed for CODE COMPLIANCE
City of Miami

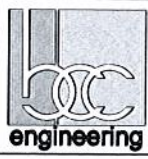
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P. Works _____	____/____/____
Fire Prev. _____	____/____/____
Planning _____	____/____/____
Zoning _____	____/____/____
Building _____	____/____/____
Structural _____	____/____/____
Electrical _____	____/____/____
Mech _____	____/____/____
S. White _____	____/____/____
Elevator _____	____/____/____

GRAPHIC SCALE
SCALE: 1" = 20'-0"

0 10 20
Feet



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



Steven Goldstein
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7300 N. Kendall Drive, Suite 400
Miami, Florida 33156
Phone: (305) 670-2350
Fax: (305) 670-2351
Certificate of Authorization No. 7184

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME MIAMI WOMAN'S CLUB SEAWALL & BAYWALK	PROJECT ID B-30731
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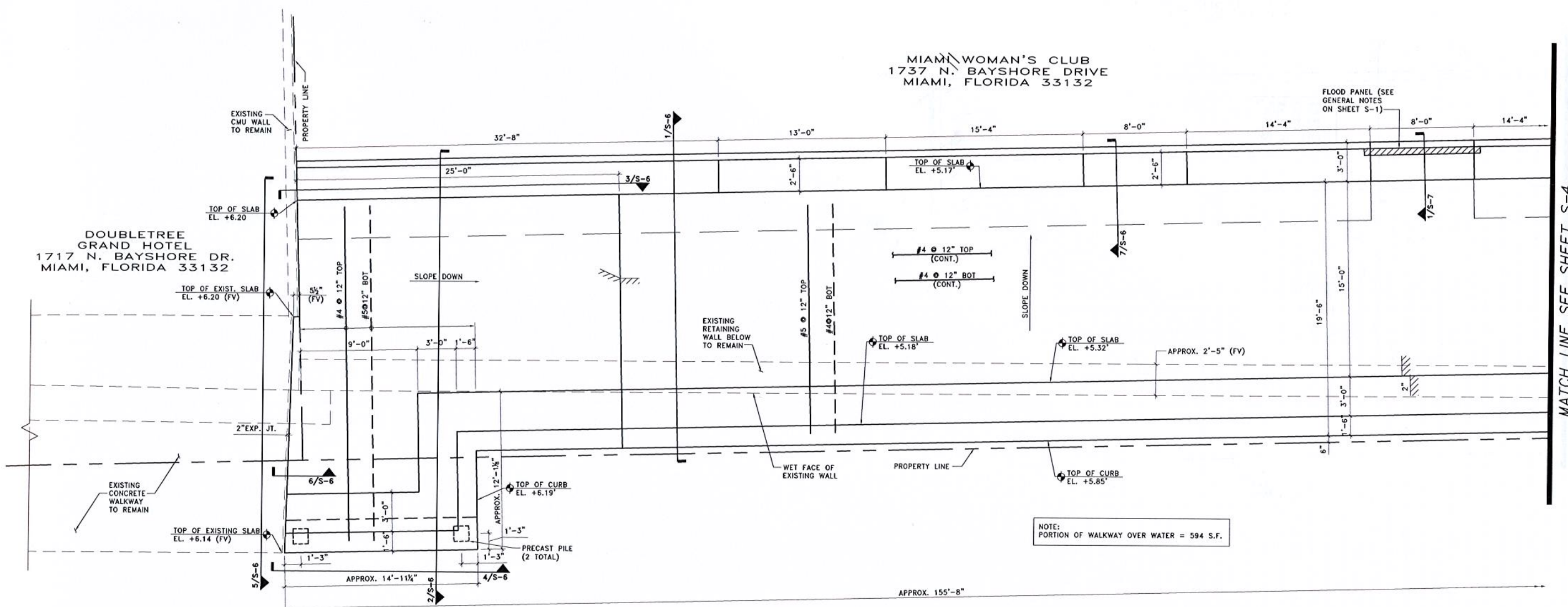
KEY PLAN

SHEET NO.
S-2

MIAMI WOMAN'S CLUB
1737 N. BAYSHORE DRIVE
MIAMI, FLORIDA 33132

FLOOD PANEL (SEE
GENERAL NOTES
ON SHEET S-1)

DOUBLETREE
GRAND HOTEL
1717 N. BAYSHORE DR.
MIAMI, FLORIDA 33132



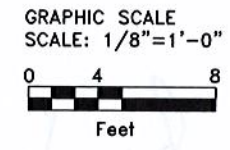
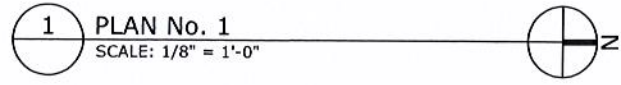
MATCH LINE SEE SHEET S-4

NOTE:
PORTION OF WALKWAY OVER WATER = 594 S.F.

BISCAYNE BAY

Reviewed for CODE COMPLIANCE
City of Miami

Signature	Date
[Signature]	12 17 14
P. Works _____	
Env. Prev. _____	
Planning _____	
Zoning _____	
Building _____	
Structural _____	
Electrical _____	
Plumbing _____	
Mech _____	
S. Waste _____	
Elevator _____	



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
REVISIONS					

engineering

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CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

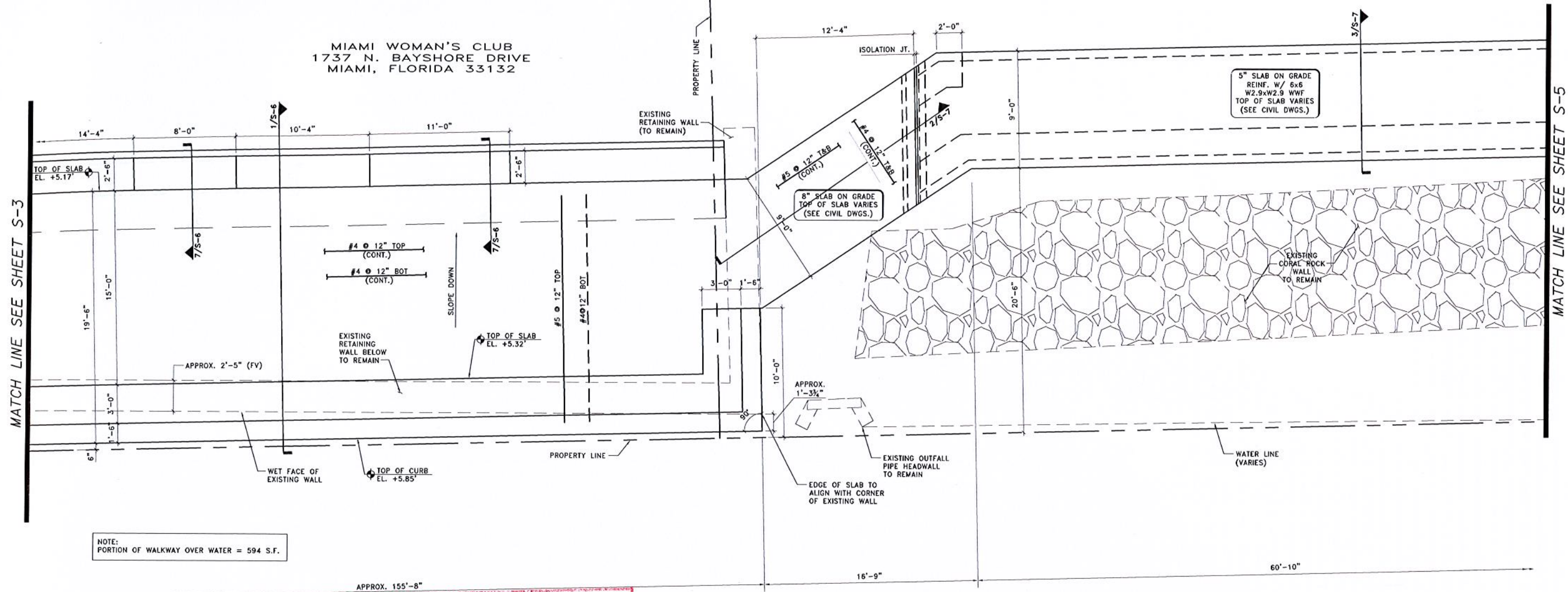
PROJECT NAME MIAMI WOMAN'S CLUB SEAWALL & BAYWALK	PROJECT ID B-30731
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PLAN No. 1

SHEET NO. S-3	SHEET NO. S-3
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MARGARET PACE PARK
1775 N. BAYSHORE DRIVE
MIAMI, FLORIDA 33132

MIAMI WOMAN'S CLUB
1737 N. BAYSHORE DRIVE
MIAMI, FLORIDA 33132



NOTE:
PORTION OF WALKWAY OVER WATER = 594 S.F.

Reviewed for CODE COMPLIANCE
City of Miami

Signature	Date
P. Works	
Fire Prev.	
Planning	
Zoning	
Building	
Structural	
Electrical	
Plumbing	
Mech.	
S. Waste	
Elevator	

[Handwritten Signature] *11/17/14*

BISCAYNE BAY

2 PLAN No. 2
SCALE: 1/8" = 1'-0"



GRAPHIC SCALE
SCALE: 1/8" = 1'-0"
0 4 8
Feet



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

engineering
Steven Goldstein
Florida License No. 44423
7300 N Kendall Drive, Suite 400
Miami, Florida 33156
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Fax: (305) 670-2351
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CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME MIAMI WOMAN'S CLUB SEAWALL & BAYWALK	PROJECT ID B-30731
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PLAN No. 2

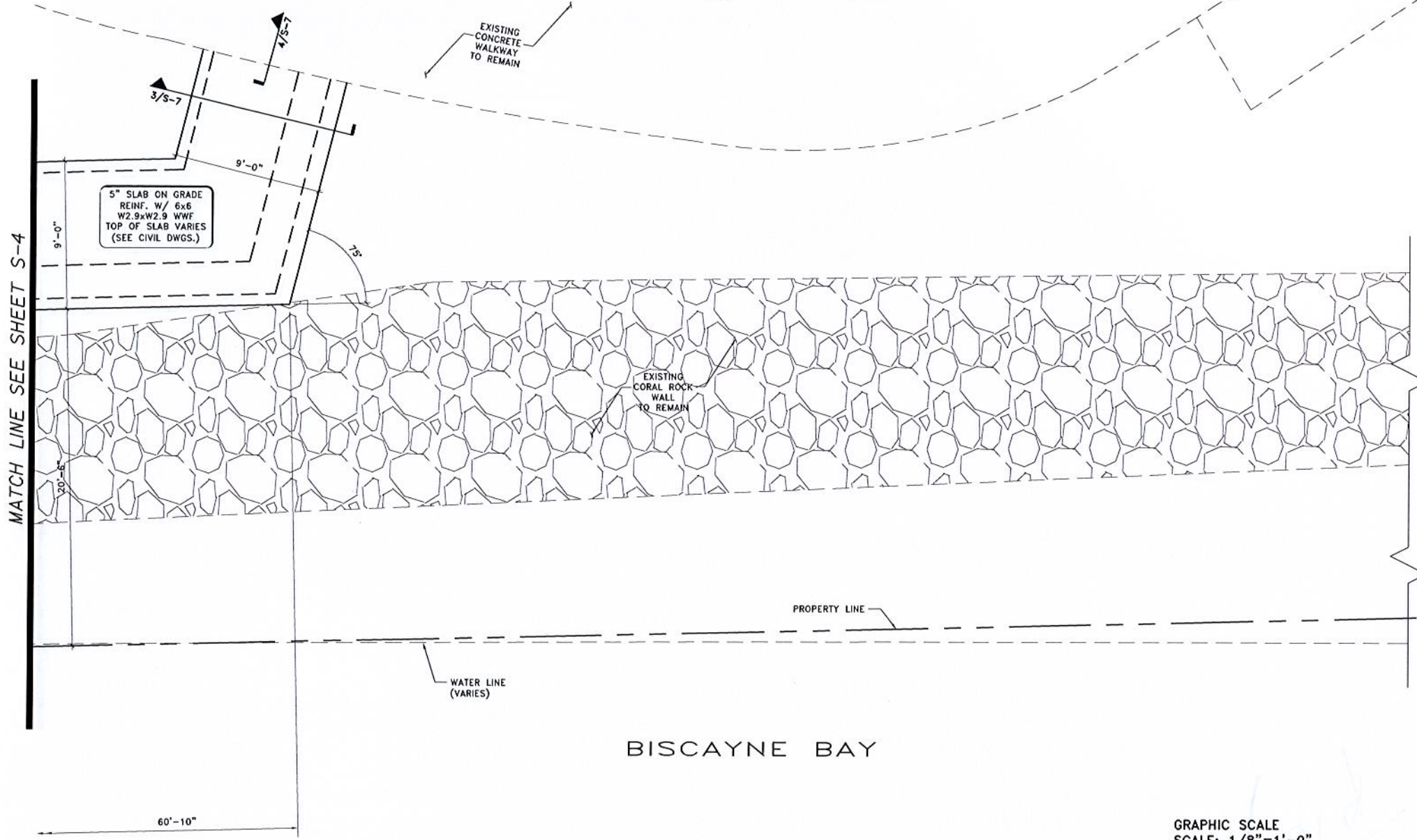
SHEET NO.
S-4

MARGARET PACE PARK
1775 N. BAYSHORE DRIVE
MIAMI, FLORIDA 33132

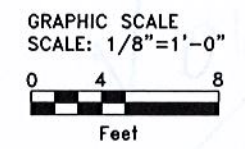
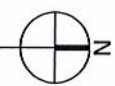
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City of Miami

Signature	Date
P. Works	
Fire Prev.	
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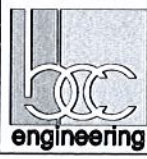
[Handwritten Signature] 12 17 24



3 PLAN No. 3
SCALE: 1/8" = 1'-0"



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



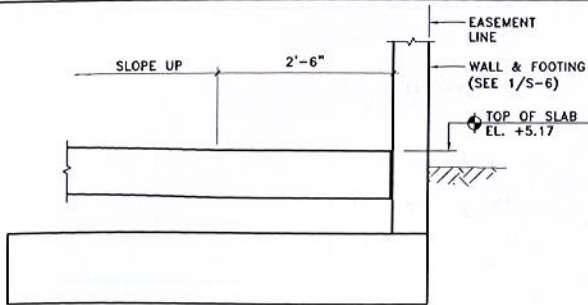
Steven Goldstein
Florida License No. 44423
7300 N. Kendall Drive, Suite 400
Miami, Florida 33156
Phone: (305) 670-2350
Fax: (305) 670-2351
Certificate of Authorization No. 7184

CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

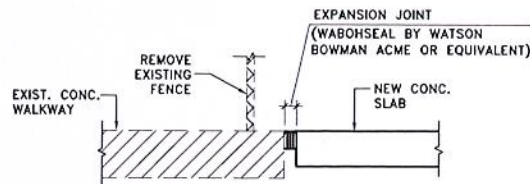
PROJECT NAME MIAMI WOMAN'S CLUB SEAWALL & BAYWALK	PROJECT ID B-30731
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PLAN No. 3

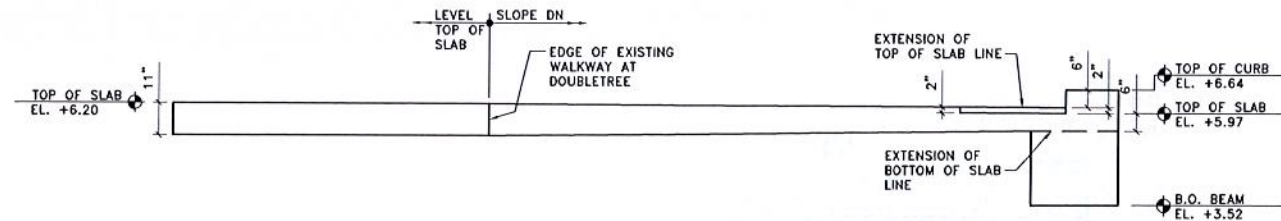
SHEET NO.
S-5



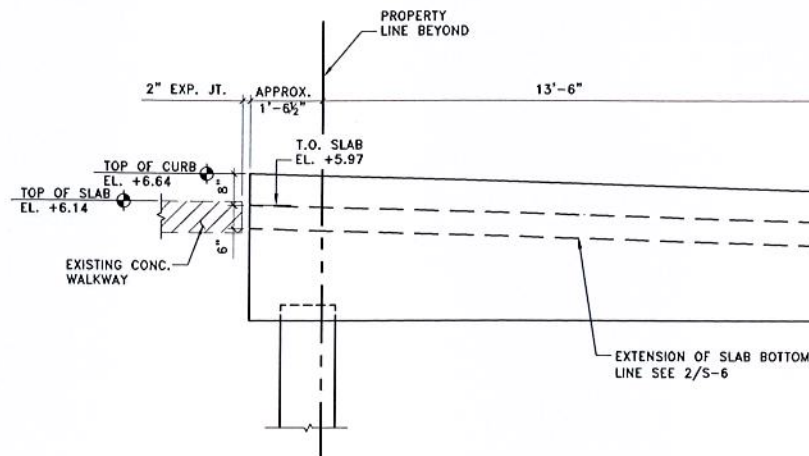
7 SECTION AT BENCH/TRASH RECEPTACLE SLAB
SCALE: 3/4" = 1'-0"



6 SECTION AT EXPANSION JOINT AT DOUBLETREE
SCALE: 3/4" = 1'-0"



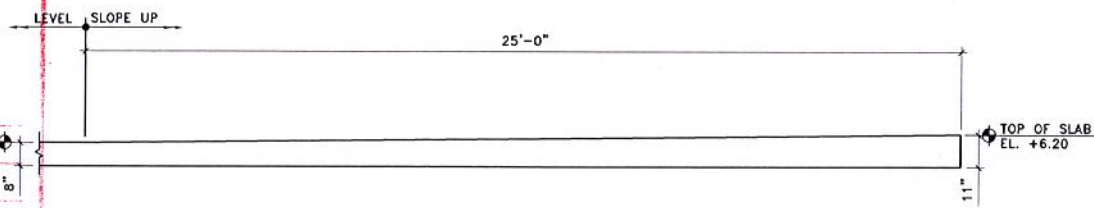
5 ELEVATION AT SOUTH WALKWAY EDGE
SCALE: 3/8" = 1'-0"



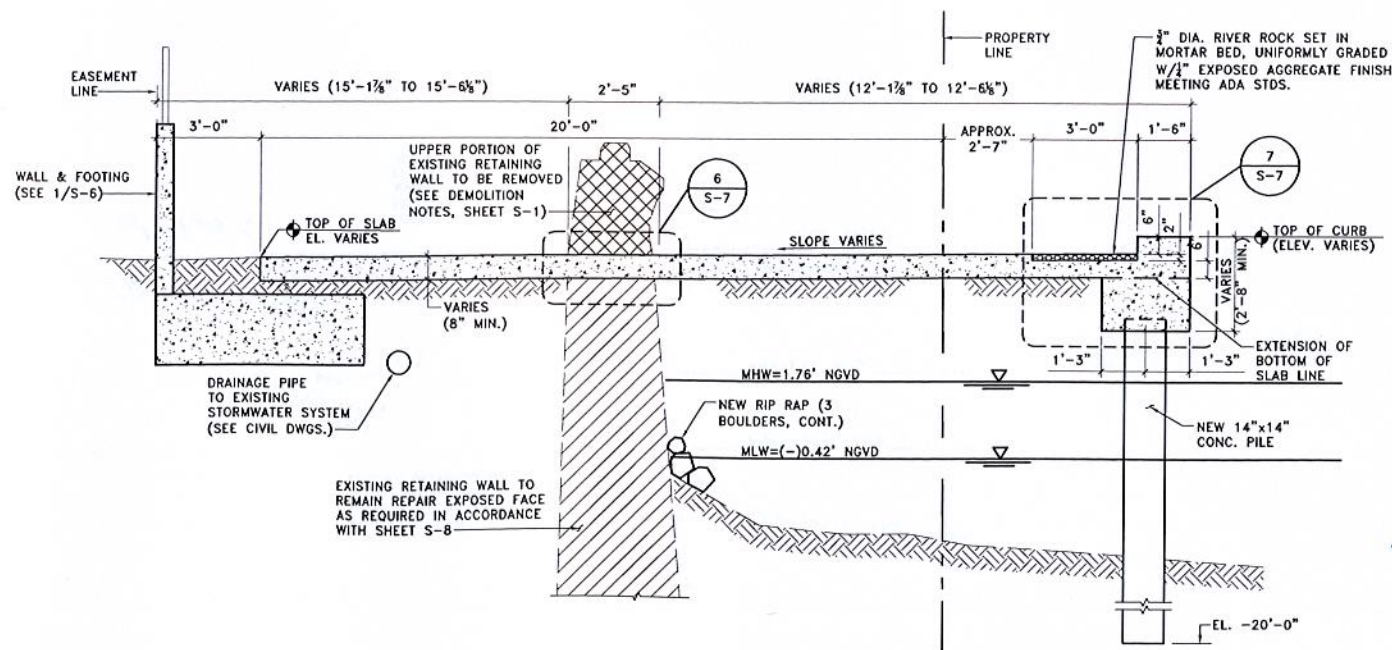
4 ELEVATION AT EAST WALKWAY EDGE
SCALE: 1/2" = 1'-0"

Reviewed for CODE COMPLIANCE
City of Miami
Signature: *[Handwritten Signature]* Date: 12/14/14

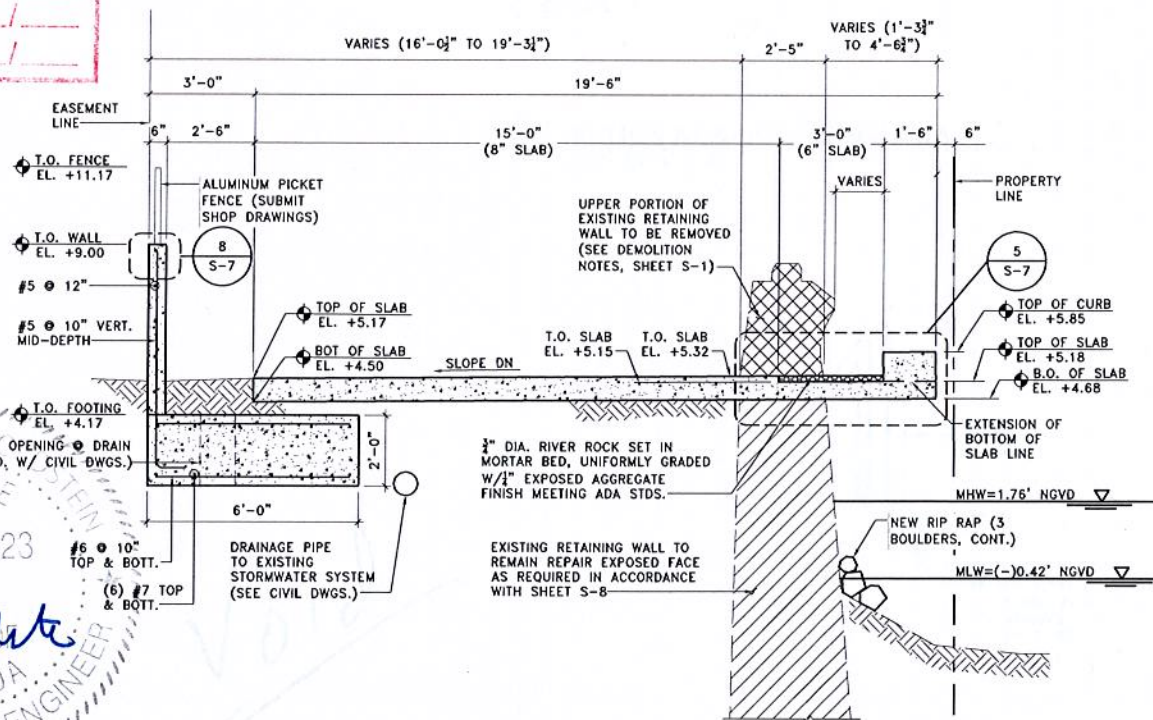
Planning _____
Structural _____
Electrical _____
Plumbing _____
Mech _____
S. Waste _____
Elevator _____



3 ELEVATION AT WEST WALKWAY EDGE
SCALE: 3/8" = 1'-0"



2 SECTION THROUGH WALKWAY TRANSITION AT DOUBLETREE/WOMAN'S CLUB
SCALE: 3/8" = 1'-0"

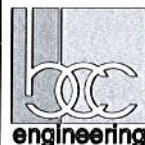


1 SECTION THROUGH WALKWAY AT MIAMI WOMAN'S CLUB
SCALE: 3/8" = 1'-0"

STEVEN GOLDSTEIN
LICENSED PROFESSIONAL ENGINEER
No. 44423
10-31-14

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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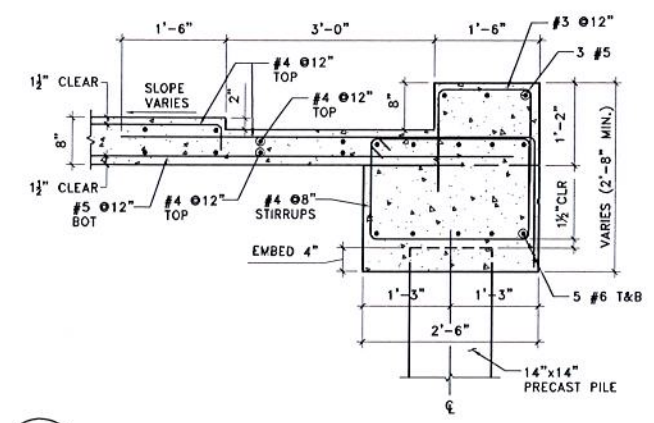
CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM
PROJECT NAME: MIAMI WOMAN'S CLUB SEAWALL & BAYWALK
PROJECT ID: B-30731

SECTIONS AND DETAILS

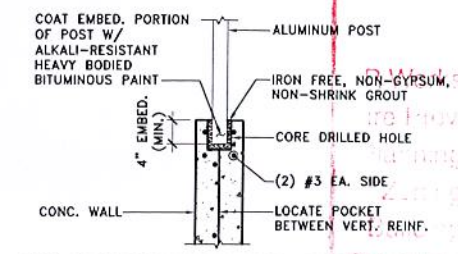
SHEET NO.
S-6

Reviewed by _____
 City of Miami
 Signature _____ Date _____

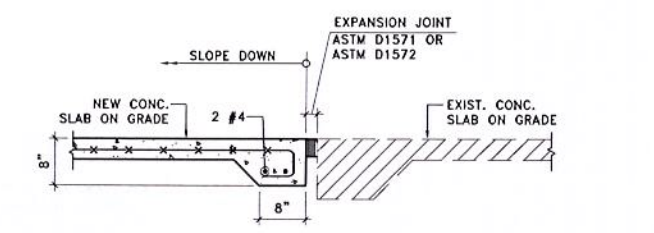
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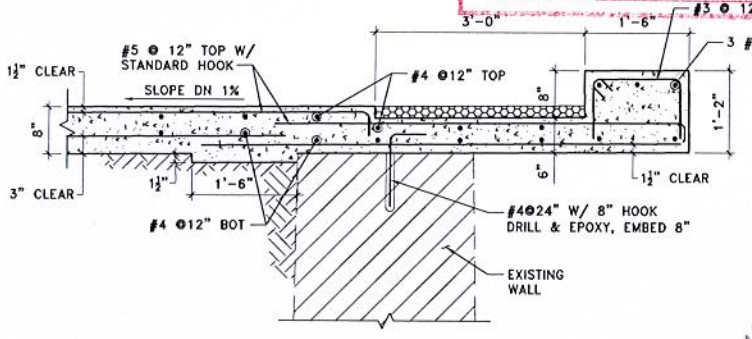
7 BEAM DETAIL
 SCALE: 3/4" = 1'-0"



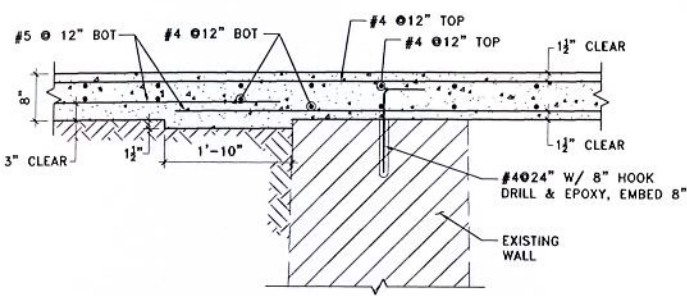
8 TOP OF WALL DETAIL
 SCALE: 3/4" = 1'-0"



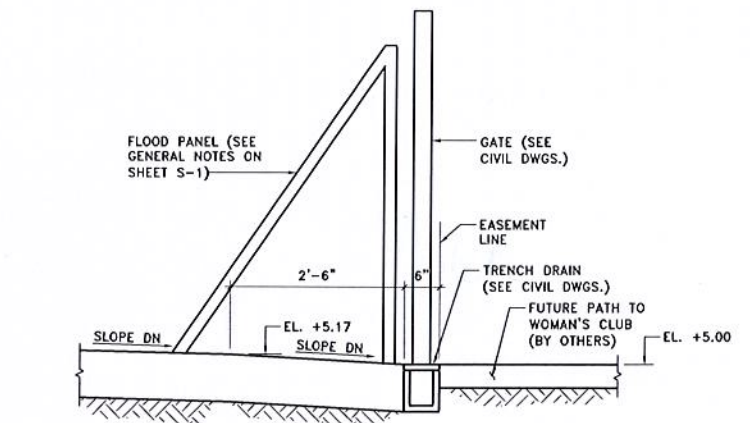
4 SECTION AT EXISTING WALKWAY
 SCALE: 3/4" = 1'-0"



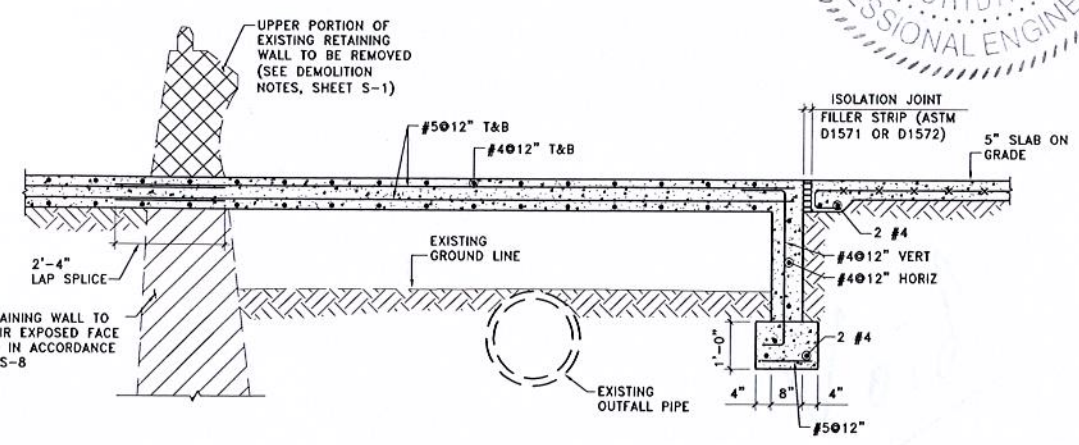
5 SLAB EDGE DETAIL
 SCALE: 3/4" = 1'-0"



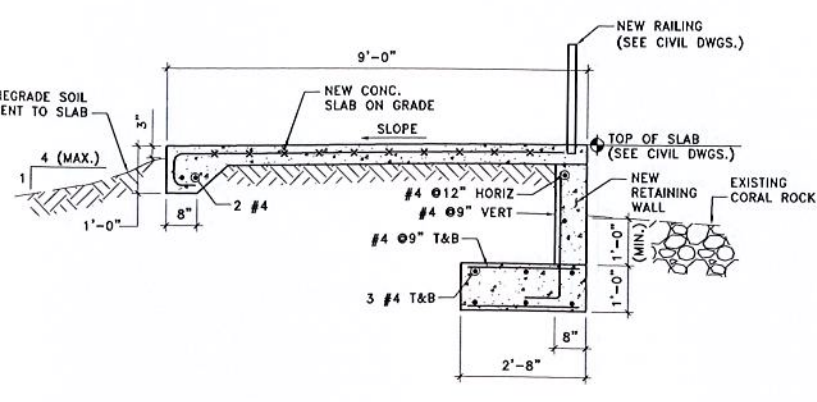
6 WALL CONNECTION DETAIL
 SCALE: 3/4" = 1'-0"



1 SECTION AT PATH TO WOMAN'S CLUB
 SCALE: 3/4" = 1'-0"



2 SECTION AT EXPANSION JOINT AT MARGARET PACE PARK
 SCALE: 1/2" = 1'-0"



3 SECTION THROUGH WALKWAY ON GRADE
 SCALE: 1/2" = 1'-0"

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

engineering

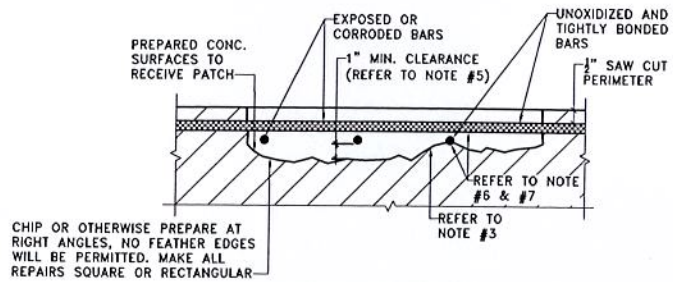
Steven Goldstein
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CITY OF MIAMI
CAPITAL IMPROVEMENTS PROGRAM

PROJECT NAME: MIAMI WOMAN'S CLUB SEAWALL & BAYWALK
 PROJECT ID: B-30731

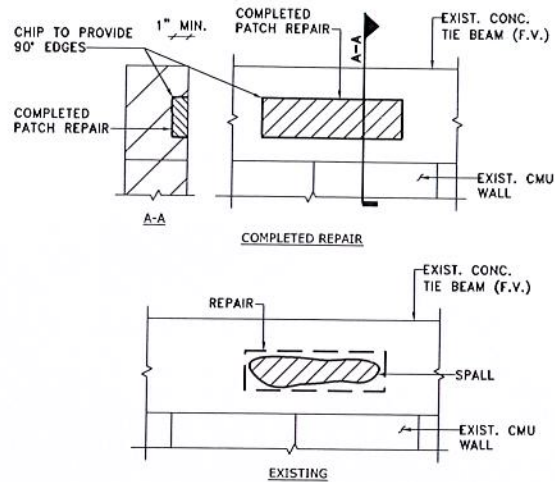
SECTIONS AND DETAILS

SHEET NO. S-7



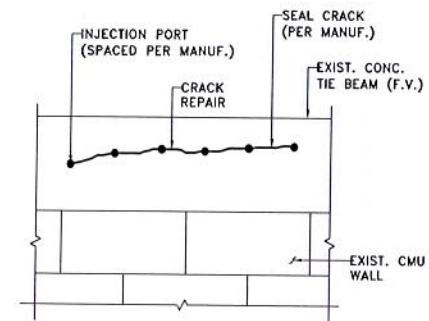
CONCRETE DELAMINATION/SPALL REPAIR NOTES: (WITH REINFORCEMENT)

1. PRIOR TO COMMENCING THE REPAIRS, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES.
2. PRIOR TO COMMENCING DEMOLITION, CONTRACTOR SHALL INSTALL SHORING AS SHOWN ON PLAN.
3. REMOVE DETERIORATED, POROUS, LOOSE, DELAMINATED CONCRETE ABOVE OXIDIZED REINFORCING STEEL. BEGIN WITH 1/2" DEEP SAWCUT OF PERIMETER. USE ONLY LIGHT ELECTRIC CHIPPING HAMMERS. NO HAMMER DRILLS. NO FEATHER EDGES PERMITTED. MAKE ALL REPAIRS SQUARE OR RECTANGULAR.
4. ONCE INITIAL REMOVALS ARE MADE, PROCEED WITH THE UNDERCUTTING OF ALL EXPOSED OXIDIZED (CORRODED) BARS.
5. PROVIDE MINIMUM 1" CLEARANCE BETWEEN EXPOSED REBARS AND SURROUNDING CONCRETE.
6. CONCRETE REMOVAL SHALL EXTEND ALONG THE BARS TO A LOCATION ALONG THE BARS FREE OF BOND INHIBITING CONDITIONS, AND WHERE THE BAR IS WELL BONDED TO SOUND, NON-POROUS SURROUNDING CONCRETE.
7. IF UNOXIDIZED REINFORCING STEEL IS EXPOSED DURING THE UNDERCUTTING PROCESS, CARE SHALL BE TAKEN NOT TO DAMAGE THE BAR'S BOND TO SURROUNDING CONCRETE. IF BOND BETWEEN BAR AND CONCRETE IS BROKEN, UNDERCUTTING OF THE BAR SHALL BE REQUIRED.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IF SECTION LOSS IS GREATER THAN 20% AND/OR MORE THAN 2" UNDERCUTTING OF THE REINFORCING IS NECESSARY.
9. SANDBLAST STEEL OR MECHANICALLY REMOVE CORROSION, SPLICE NEW BARS OF EQUAL SIZE WHERE GREATER THAN 15% TO 20% SECTION LOSS OCCURS. SPLICE LENGTH SHALL BE A MINIMUM OF 24 BAR DIAMETERS. POWER TOOL CLEANING MAY BE USED FOR SMALL SECTIONS.
10. COAT ALL EXPOSED REINFORCING AND CONCRETE SURFACES WITH SIKA ARMATEC 110 EPOCEM (OR EQUIVALENT).
11. PATCH WITH SIKATOP 123 PLUS (OR EQUIVALENT) WITH 3/8" AGGREGATE.



CONCRETE DELAMINATION/SPALL REPAIR NOTES: (WITHOUT REINFORCEMENT)

1. PRIOR TO COMMENCING THE REPAIRS, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES.
2. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IF SECTION LOSS IS GREATER THAN 20%.
3. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR SURFACE PREPARATION AND INSTALLATION.
4. PATCH WITH SIKATOP 123 PLUS (OR EQUIVALENT).



CRACK REPAIR NOTES:

1. PRIOR TO COMMENCING THE REPAIRS, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES.
2. INJECT ALL CRACKS WITH SIKA CRACK FIX (OR EQUIV.) AND SIKADUR 32 HI-MOD LY (OR EQUIV.) IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

1 CONCRETE REPAIR DETAILS
N.T.S.

INTERNATIONAL CODE COMPLIANCE

City of Miami

Signature _____ Date _____

P. Works _____

Fire Prev. _____

Plumbing _____

Zoning _____

Building _____

Structure _____

Electrical _____

Plumbing _____

Mechanical _____

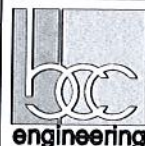
S. Waste _____

Elevator _____

[Handwritten Signature] *12 17 14*



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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CITY OF MIAMI	
CAPITAL IMPROVEMENTS PROGRAM	
PROJECT NAME	PROJECT ID
MIAMI WOMAN'S CLUB SEAWALL & BAYWALK	B-30731

CONCRETE REPAIR DETAILS

SHEET NO.

S-8