

CITY OF MIAMI

CAPITAL IMPROVEMENTS PROGRAM

MARY BRICKELL VILLAGE

DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE 1

SW/SE 9th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)

SW/SE 10th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)

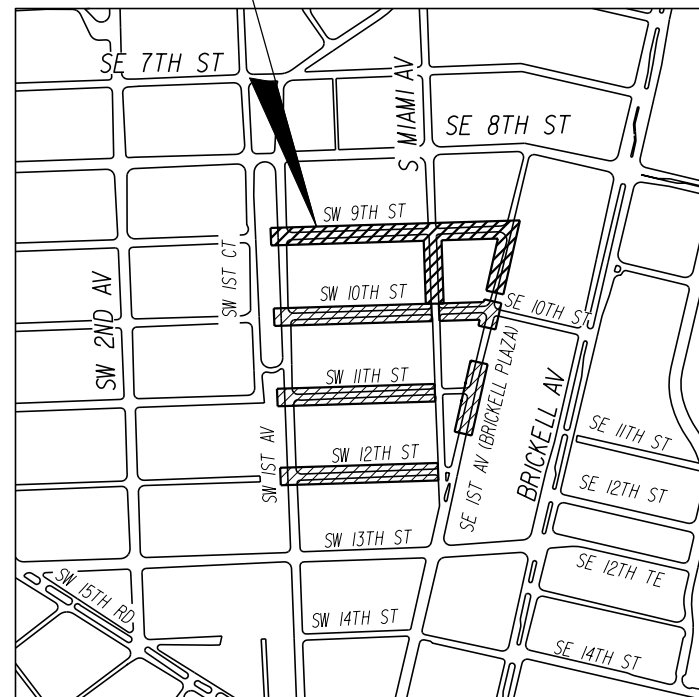
SW/SE 11th STREET FROM W 1st AVENUE TO SOUTH MIAMI AVENUE

SW/SE 12th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)

CITY OF MIAMI PROJECT NUMBER: B-30637

APRIL, 2012

PROJECT LOCATION



LOCATION MAP

COMMISSION

MAYOR: TOMAS P. REGALADO

COMMISSIONERS: WIFREDO GORT
 MARC SARNOFF
 FRANK CAROLLO
 FRANCIS SUAREZ
 RICHARD P. DUNN
 MICHELLE SPENCE JONES

CITY MANAGER: JOHNNY MARTINEZ, P.E.

CIP DIRECTOR: ALBERTO SOSA, P.E.

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	6.378	1.21
BRIDGES	-	-
NET LENGTH OF PROJECT	6.378	1.21
EXCEPTIONS	-	-
GROSS LENGTH OF PROJECT	6.378	1.21

INDEX OF ROADWAY PLANS

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PLANS PREPARED BY:

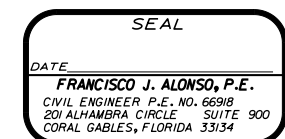
T·Y·LIN INTERNATIONAL

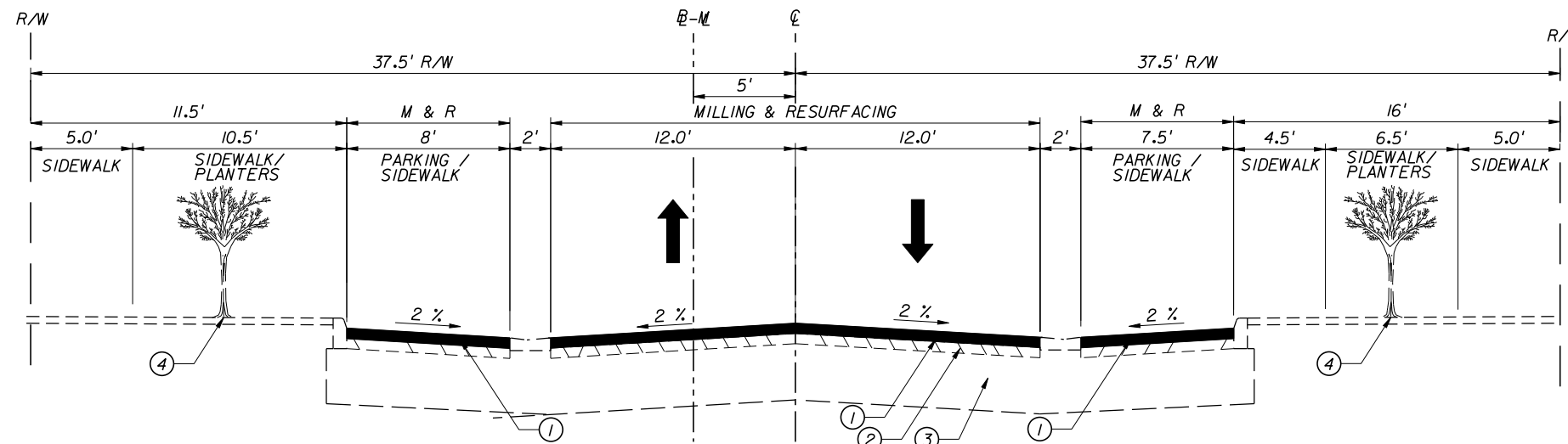
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201 Alhambra Circle Suite 900

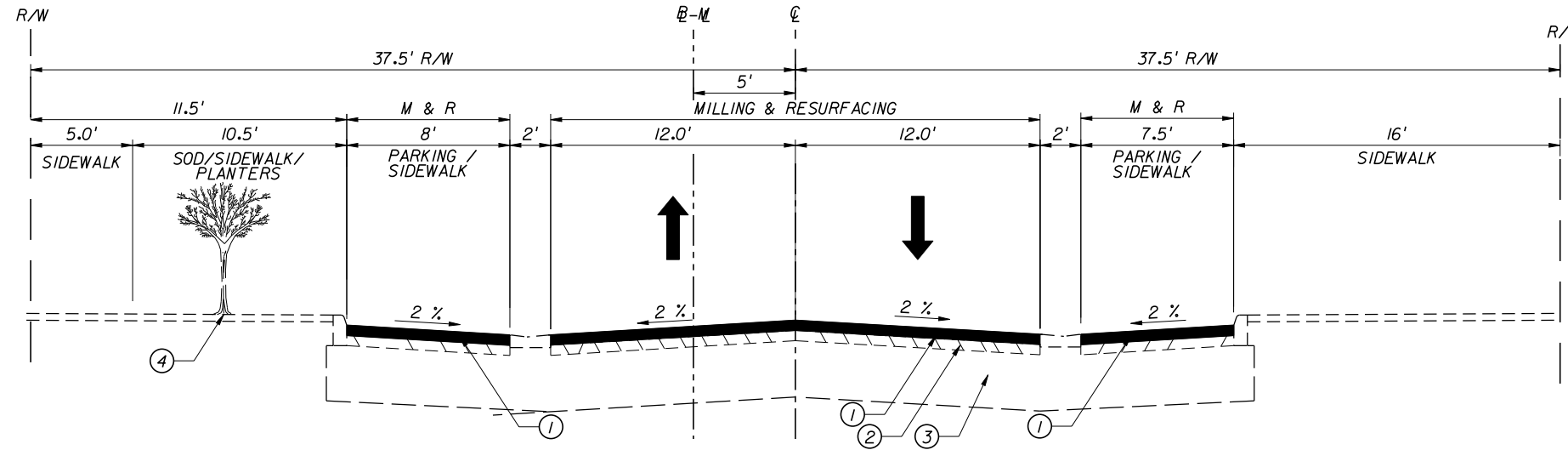
Coral Gables, Florida. 33134

Phone: 305/567-1888 Fax: 305/567-1771





TYPICAL SECTION S.E. 1ST AVENUE
 FROM 262.93' RIGHT TO 23' LEFT OF SW 9TH STREET
 N.T.S.



TYPICAL SECTION S.E. 1ST AVENUE
 FROM 59.60' RIGHT TO 65.50' LEFT OF SW 11TH STREET
 N.T.S.

- ① PROPOSED MILLING & RESURFACING (MILL 1" AND RESURFACING WITH 1" OF SUPERPAVE ASPHALT PER DOT STANDARDS), REFER TO PLANS FOR LIMITS.
- ② EXISTING LIMEROCK BASE (8" MINIMUM THICKNESS)
- ③ EXISTING SUBGRADE.
- ④ EXISTING PLANTER LOCATIONS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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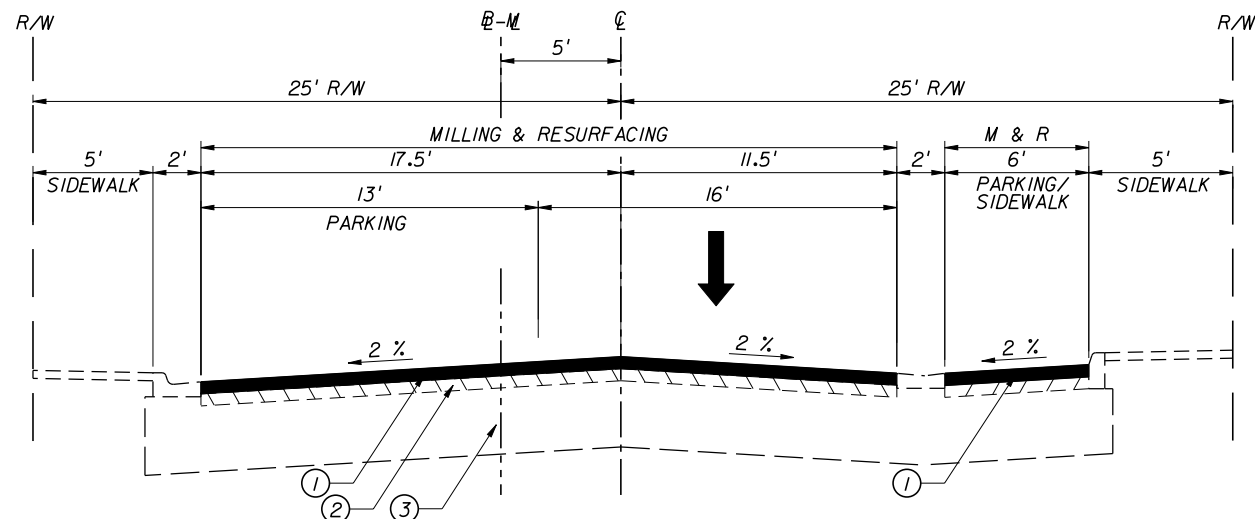


CITY OF MIAMI
 MARY BRICKELL VILLAGE
 DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE 1
 SW/SE 9th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)
 SW/SE 10th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)
 SW/SE 11th STREET FROM W 1st AVENUE TO SOUTH MIAMI AVENUE
 SW 12th STREET FROM W 1st AVENUE TO SE 1st AVENUE (BRICKELL PLAZA)
 CITY OF MIAMI PROJECT NUMBER: B-30837

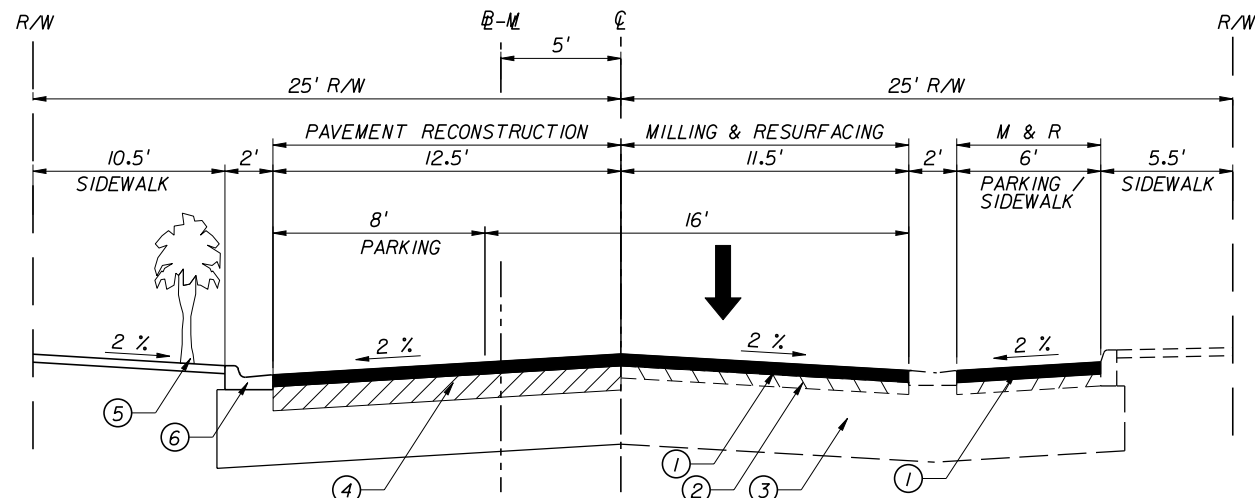
TYPICAL SECTION
S.E. 1st AVENUE
(BRICKELL PLAZA)

SHEET NO.
 7

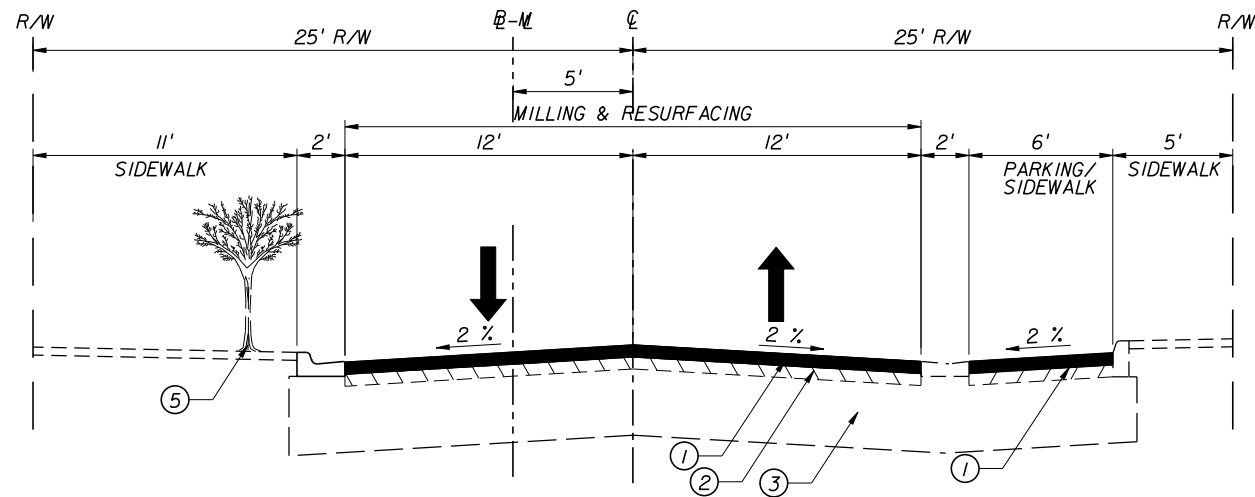
FOR CONSTRUCTION 100% PLANS



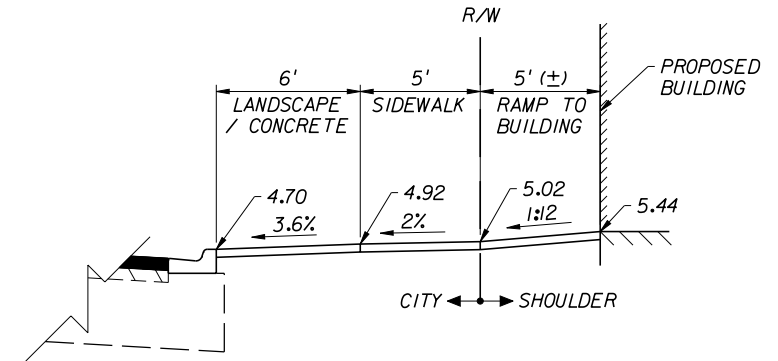
TYPICAL SECTION S.W. 9th STREET
FROM STA. 10+00.00 TO STA. 12+29.60
N.T.S.



TYPICAL SECTION S.W. 9th STREET
FROM STA. 12+29.60 TO STA. 16+42.85
N.T.S.



TYPICAL SECTION S.E. 9th STREET
FROM STA. 16+81.21 TO STA. 19+67.76
N.T.S.



SECTION A-A
(SEE SHEET No. 13)
N.T.S.

- ① PROPOSED MILLING & RESURFACING (MILL 1" AND RESURFACE WITH 1" OF SUPERPAVE ASPHALT PER DOT STANDARDS), REFER TO PLANS FOR LIMITS.
- ② EXISTING LIMEROCK BASE (8" MINIMUM THICKNESS)
- ③ EXISTING SUBGRADE.
- ④ RECONSTRUCT PAVEMENT SECTION PER CITY OF MIAMI PUBLIC WORKS STANDARD 35-85-37. REFER TO SHEET No. 17 AND No. 23.
- ⑤ REFER TO ROADWAY PLANS FOR PLANTER LOCATIONS.
- ⑥ PROPOSED CURB AND GUTTER TYPE "F", REFER TO ROADWAY PLANS FOR LOCATIONS.



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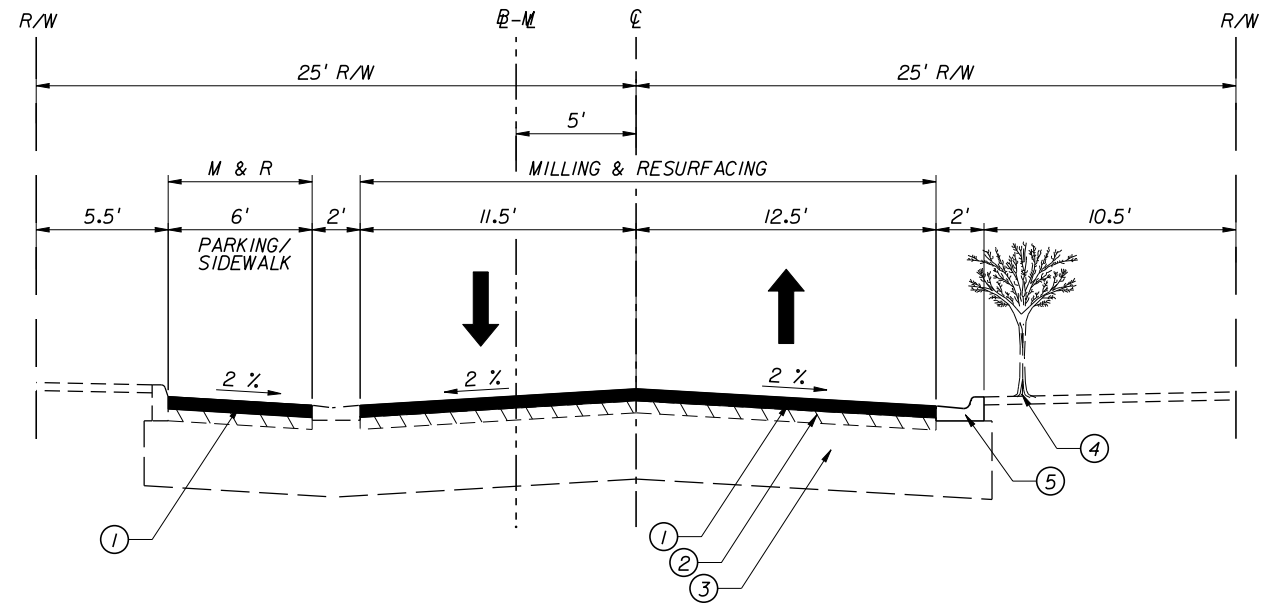


CITY OF MIAMI
MARY BRICKELL VILLAGE
DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE 1
SW/SE 9th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)
SW/SE 10th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)
SW/SE 11th STREET FROM W 1st AVENUE TO SOUTH MIAMI AVENUE
SW 12th STREET FROM W 1st AVENUE TO SE 1st AVENUE (BRICKELL PLAZA)
CITY OF MIAMI PROJECT NUMBER: B-30837

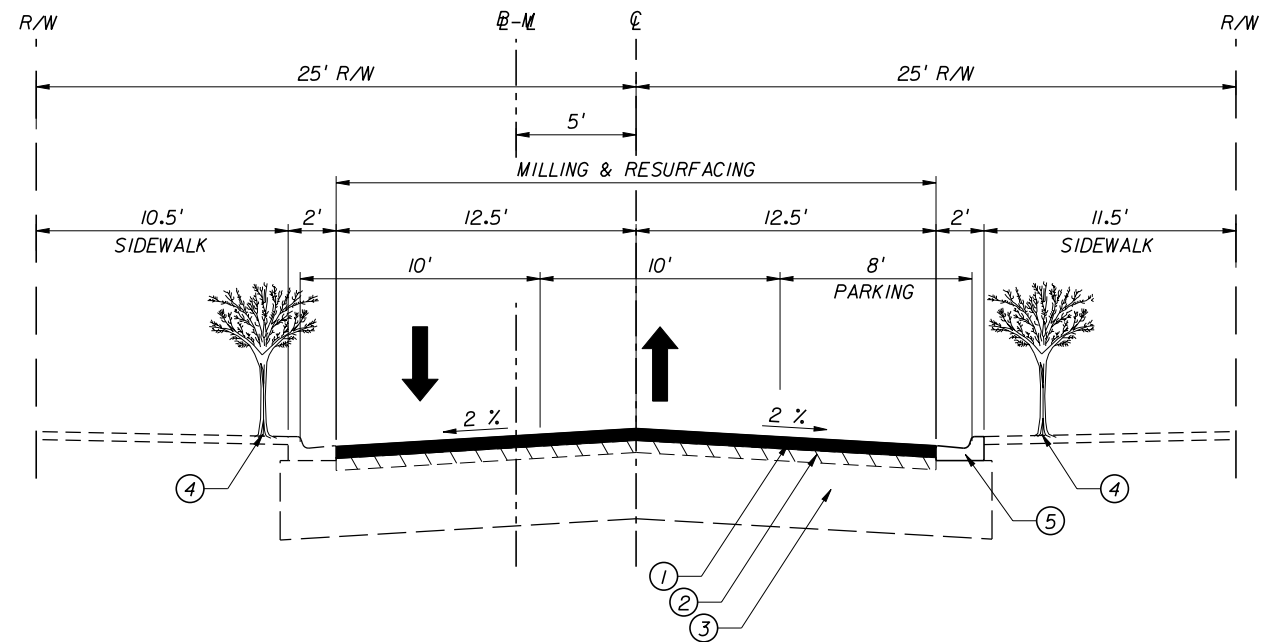
TYPICAL SECTION
S.W./S.E. 9th STREET

SHEET NO.
4

FOR CONSTRUCTION 100% PLANS



TYPICAL SECTION S.W. 10th STREET
 FROM S.W. 1st AVENUE TO SOUTH MIAMI AVENUE
 N.T.S.



TYPICAL SECTION S.E. 10th STREET
 FROM SOUTH MIAMI AVENUE TO
 S.E. 1st AVENUE (BRICKELL AVENUE)
 N.T.S.

- ① PROPOSED MILLING & RESURFACING (MILL 1" AND RESURFACING WITH 1" OF SUPERPAVE ASPHALT PER DOT STANDARDS), REFER TO PLANS FOR LIMITS.
- ② EXISTING LIMEROCK BASE (8" MINIMUM THICKNESS)
- ③ EXISTING SUBGRADE.
- ④ REFER TO ROADWAY PLANS FOR PLANTER LOCATIONS.
- ⑤ REPLACE CURB AND GUTTER TYPE "F", REFER TO ROADWAY PLANS FOR LOCATIONS.



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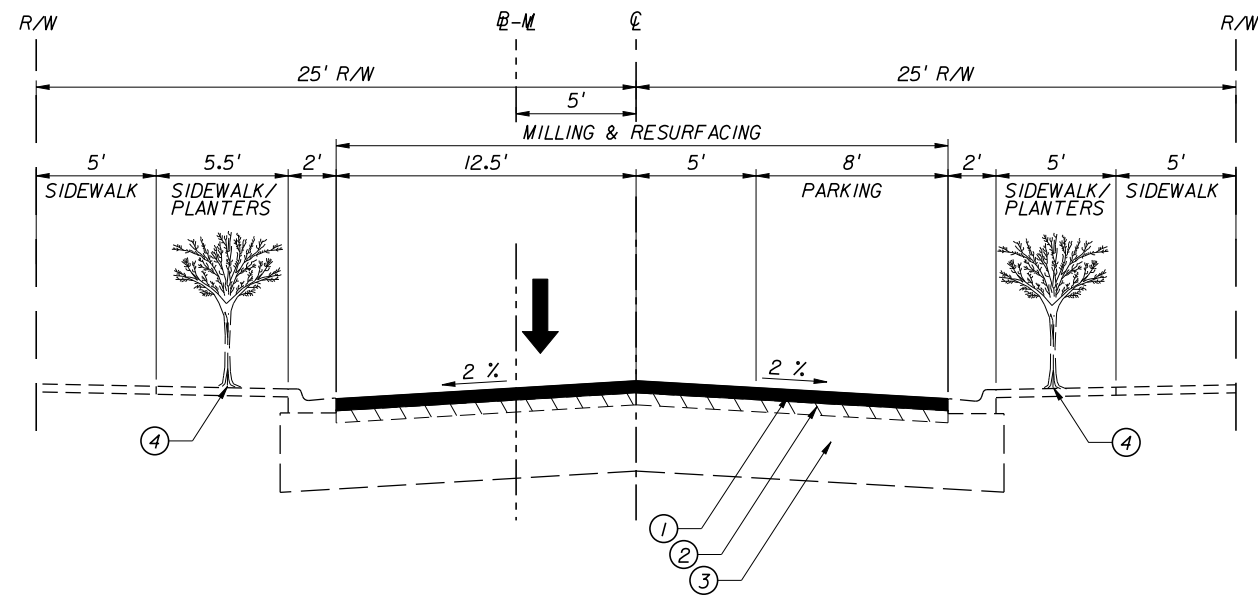
CITY OF MIAMI
 MARY BRICKELL VILLAGE
 DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE 1
 SW/SE 9th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)
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 SW/SE 11th STREET FROM W 1st AVENUE TO SOUTH MIAMI AVENUE
 SW 12th STREET FROM W 1st AVENUE TO SE 1st AVENUE (BRICKELL PLAZA)
 CITY OF MIAMI PROJECT NUMBER: B-30837

TYPICAL SECTION
 S.W./S.E. 10th STREET

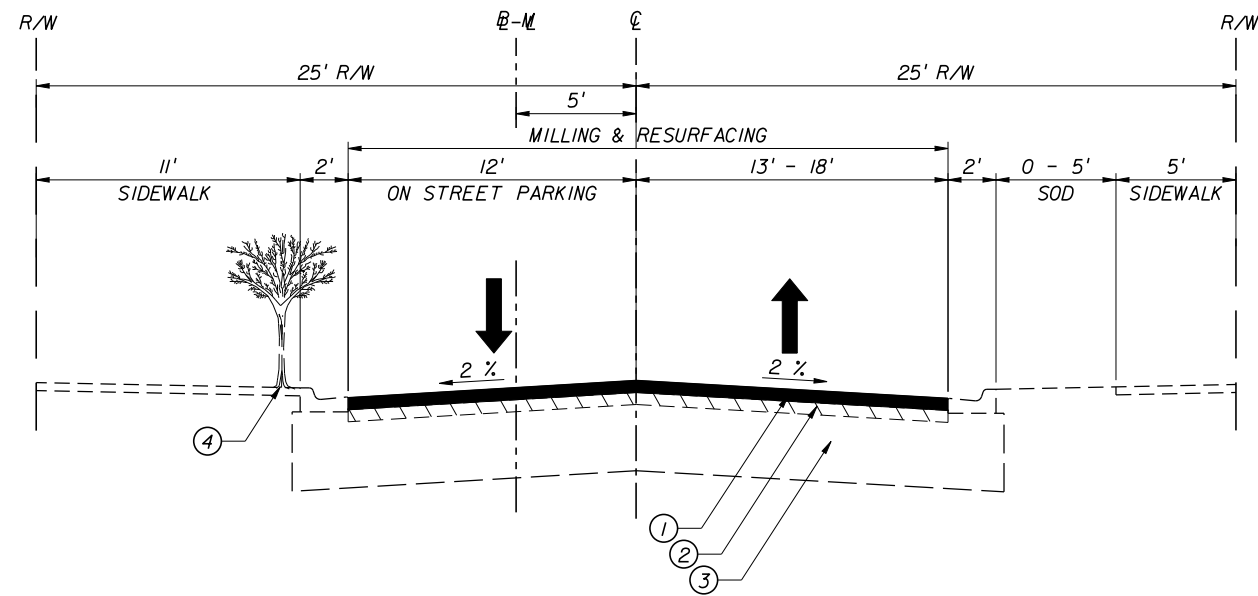
SHEET NO.

5

FOR CONSTRUCTION 100% PLANS



TYPICAL SECTION S.W. 11th STREET
 FROM S.W. 1st AVENUE TO SOUTH MIAMI AVENUE
 N.T.S.



TYPICAL SECTION S.W. 12th STREET
 FROM S.W. 1st AVENUE TO SOUTH MIAMI AVENUE
 N.T.S.

- ① PROPOSED MILLING & RESURFACING (MILL 1" AND RESURFACING WITH 1" OF SUPERPAVE ASPHALT PER DOT STANDARDS), REFER TO PLANS FOR LIMITS.
- ② EXISTING LIMEROCK BASE (8" MINIMUM THICKNESS)
- ③ EXISTING SUBGRADE.
- ④ REFER TO ROADWAY PLANS FOR PLANTER LOCATIONS



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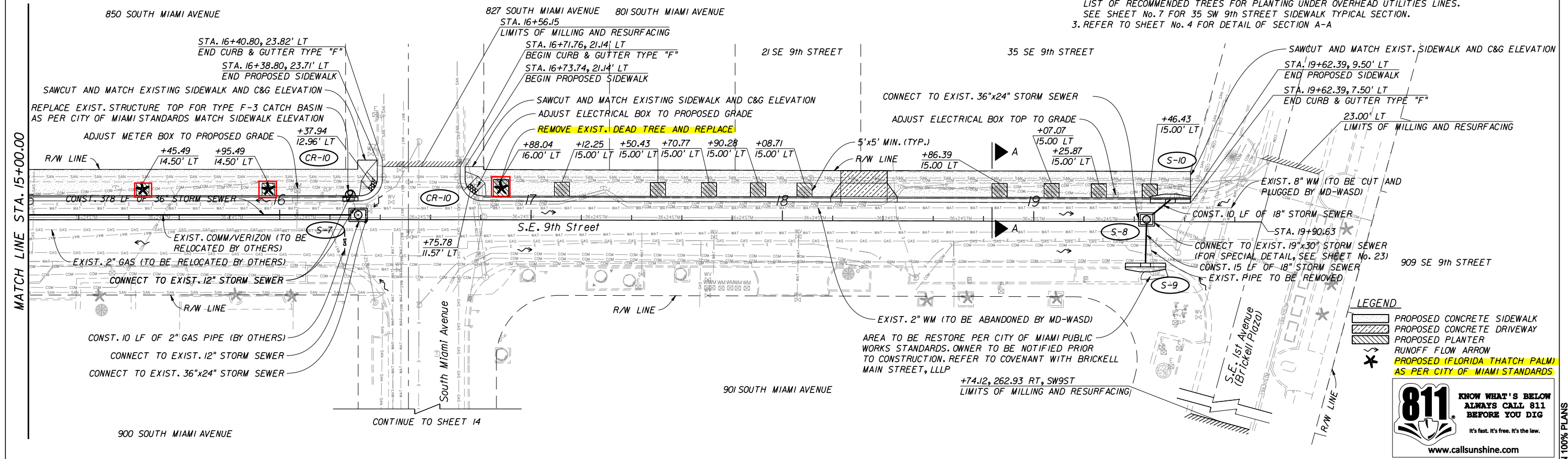
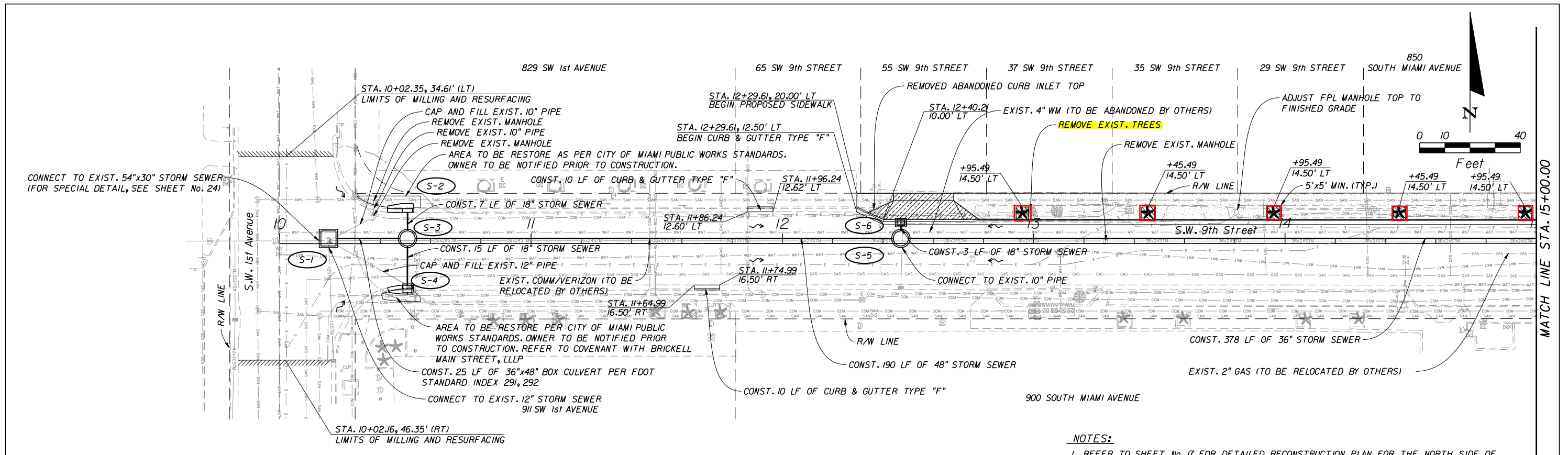


CITY OF MIAMI
 MARY BRICKELL VILLAGE
 DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE 1
 SWISE 9th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)
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 SWISE 11th STREET FROM W 1st AVENUE TO SOUTH MIAMI AVENUE
 SW 12th STREET FROM W 1st AVENUE TO SE 1st AVENUE (BRICKELL PLAZA)
 CITY OF MIAMI PROJECT NUMBER: B-30837

TYPICAL SECTION
S.W. 11th STREET
& S.W. 12th STREET

SHEET NO.
6

FOR CONSTRUCTION 100% PLANS



- NOTES:**
- REFER TO SHEET No. 17 FOR DETAILED RECONSTRUCTION PLAN FOR THE NORTH SIDE OF S.W. 9th STREET FROM STA. 12+29.61 TO STA. 16+27.15
 - NEW TREES ALONG SW 9th STREET SHALL CONFORM TO CITY OF MIAMI PUBLIC WORKS LIST OF RECOMMENDED TREES FOR PLANTING UNDER OVERHEAD UTILITIES LINES. SEE SHEET No. 7 FOR 35 SW 9th STREET SIDEWALK TYPICAL SECTION.
 - REFER TO SHEET No. 4 FOR DETAIL OF SECTION A-A

REVISIONS			
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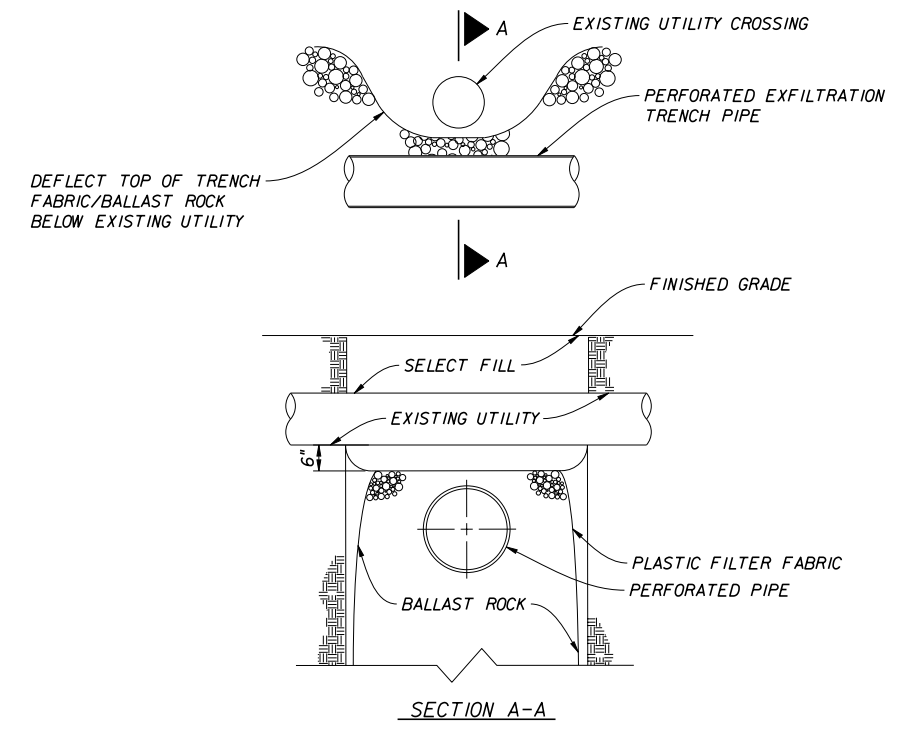
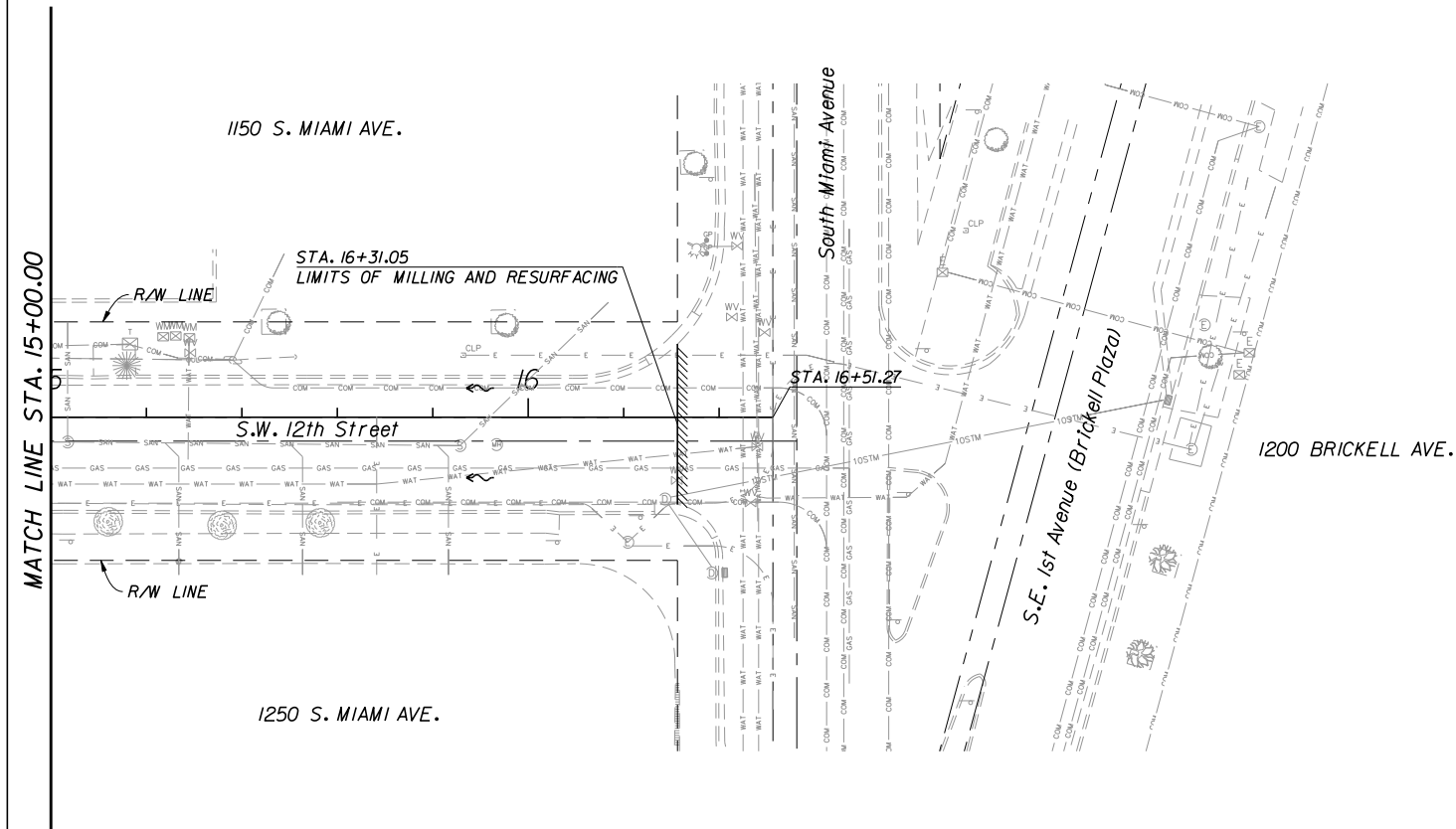
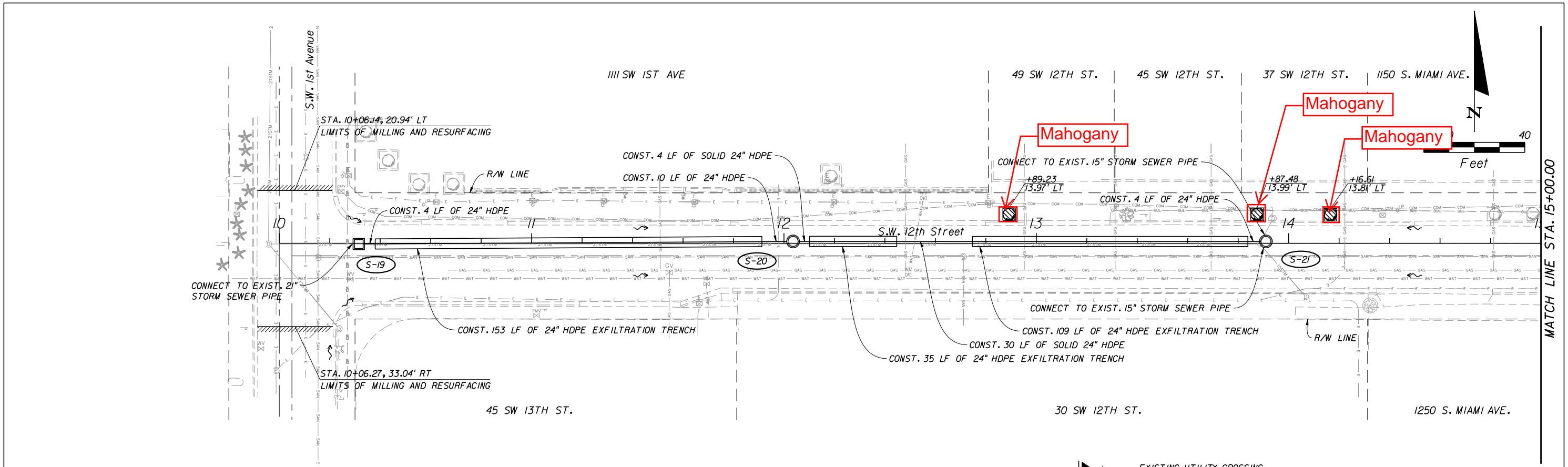
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CITY OF MIAMI
 MARY BRICKELL VILLAGE
 DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE 1
 SW/SE 9th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)
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 SW 12th STREET FROM W 1st AVENUE TO SE 1st AVENUE (BRICKELL PLAZA)
 CITY OF MIAMI PROJECT NUMBER: B-30837

ROADWAY PLAN
 S.W./S.E. 9th STREET

SHEET NO. 13

FOR CONSTRUCTION 100% PLANS



DETAIL FOR EXISTING UTILITY CROSSING ABOVE
INFILTRATION TRENCH PERFORATED PIPE
NTS

NOTE:
WHEN AN EXISTING UTILITY IS CROSSING BELOW THE TOP OF TRENCH ELEVATION, THE TOP OF TRENCH SHALL BE MODIFIED TO FALL BELOW THE EXISTING UTILITY'S INVERT, ALLOWING FOR THE EXISTING UTILITY TO REMAIN OUT OF THE TRENCH.

- LEGEND**
- PROPOSED CONCRETE SIDEWALK
 - PROPOSED CONCRETE DRIVEWAY
 - PROPOSED PLANTER
 - RUNOFF FLOW ARROW
 - PROPOSED TREE AS PER CITY OF MIAMI STANDARDS

REVISIONS			
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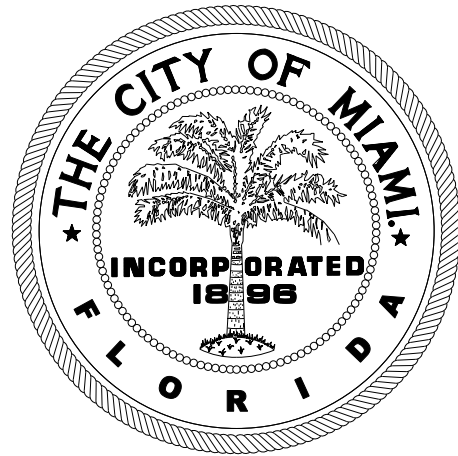


CITY OF MIAMI
MARY BRICKELL VILLAGE
DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE 1
SW 9th STREET FROM W 1st AVENUE TO E 1st AVENUE (BRICKELL PLAZA)
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SW 12th STREET FROM W 1st AVENUE TO SE 1st AVENUE (BRICKELL PLAZA)
CITY OF MIAMI PROJECT NUMBER: B-30837

ROADWAY PLAN
S.W. 12th STREET

SHEET NO.
16

FOR CONSTRUCTION 100% PLANS



CITY OF MIAMI

CAPITAL IMPROVEMENTS PROGRAM

MARY BRICKELL VILLAGE DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE II STORMWATER PUMP STATION

SW 1st AVENUE BETWEEN SW 8th STREET AND SW 9th STREET

CITY OF MIAMI PROJECT NUMBER: B-30637

APRIL 2012

PROJECT LOCATION



LOCATION MAP

COMMISSION

MAYOR: TOMAS P. REGALADO

COMMISSIONERS: WIFREDO GORT
MARC SARNOFF
FRANK CAROLLO
FRANCIS SUAREZ
RICHARD P. DUNN
MICHELLE SPENCE-JONES

CITY MANAGER: JOHNNY MARTINEZ, P.E.

CIP DIRECTOR: ALBERTO SOSA, P.E.

INDEX OF ROADWAY PLANS

SHEET No.	SHEET DESCRIPTION
1	KEY SHEET
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3	DRAINAGE MAP
4	PUMP STATION SITE PLAN
5	PUMP STATION DRAINAGE STRUCTURES
6-10	DRAINAGE DETAILS
11	PUMP STATION DETAIL
12	PUMP STATION BILL OF MATERIALS
13	ELECTRICAL NOTES, LEGEND & ABBREVIATION
14-15	ELECTRICAL DETAILS
16	ELECTRICAL WIRING DIAGRAM
17	GENERAL STRUCTURAL NOTES
18-24	PUMP STATION STRUCTURAL DETAILS
25-27	STORMWATER POLLUTION PREVENTION PLAN
28	TRAFFIC CONTROL NOTES

LENGTH OF PROJECT

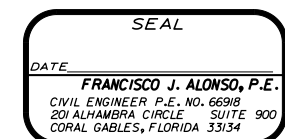
	LINEAR FEET	MILES
ROADWAY	170	0.03
BRIDGES	-	-
NET LENGTH OF PROJECT	170	0.03
EXCEPTIONS	-	-
GROSS LENGTH OF PROJECT	170	0.03

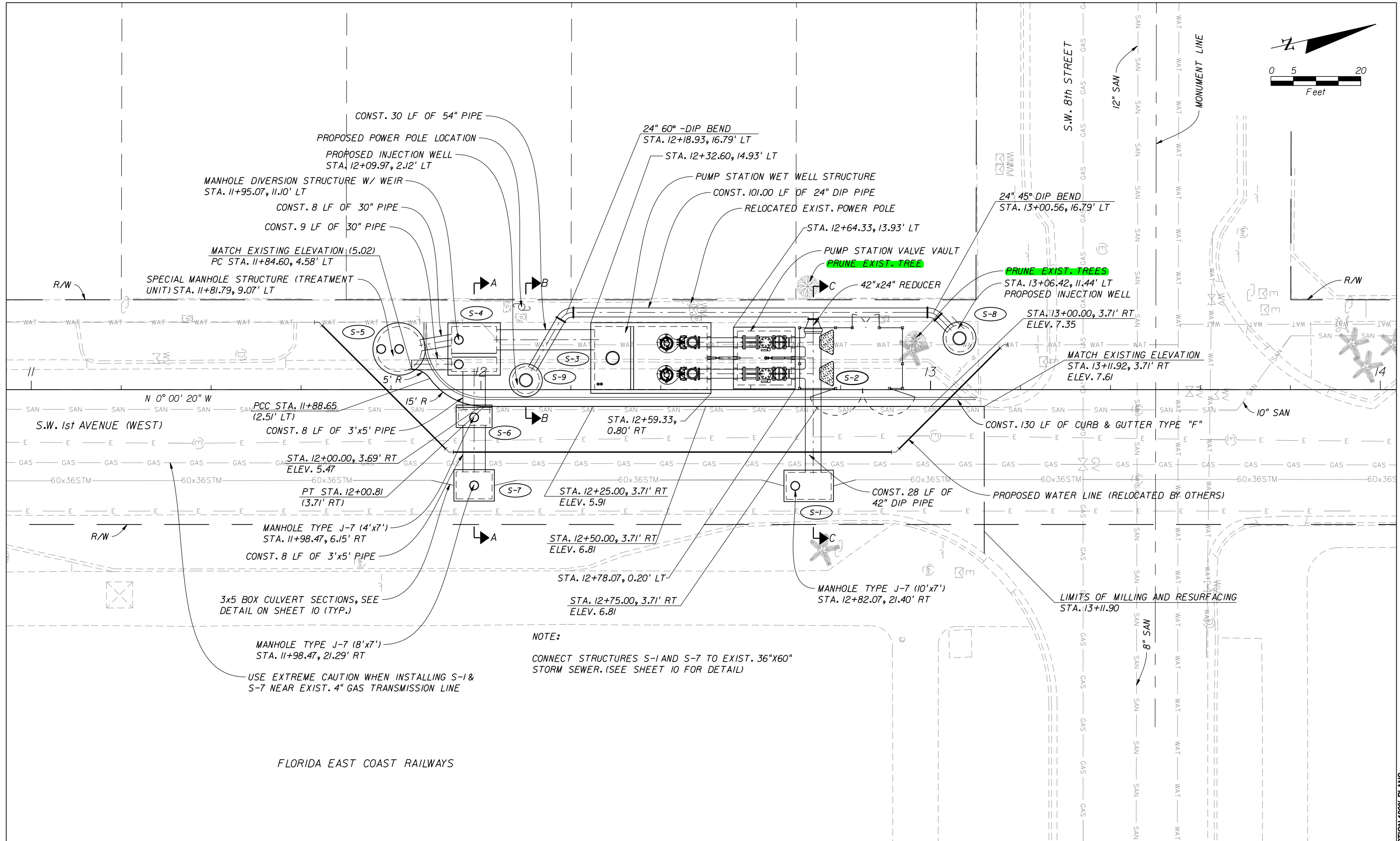
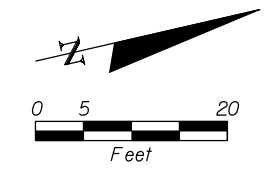
CITY OF MIAMI PROJECT MANAGER: JOSE LAGO, P.E.

PLANS PREPARED BY:

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Coral Gables, Florida. 33134
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NOTE:
 CONNECT STRUCTURES S-1 AND S-7 TO EXIST. 36"x60" STORM SEWER. (SEE SHEET 10 FOR DETAIL)

USE EXTREME CAUTION WHEN INSTALLING S-1 & S-7 NEAR EXIST. 4" GAS TRANSMISSION LINE

FLORIDA EAST COAST RAILWAYS

REVISIONS	
DATE	DESCRIPTION

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 DRAINAGE AND ROADWAY IMPROVEMENTS - PHASE II
 STORMWATER PUMP STATION
 SW 8th STREET AND SW 1st AVENUE
 CITY OF MIAMI PROJECT NUMBER: B-30837

**PUMP STATION
 SITE PLAN**

SHEET NO.
4

NOT FOR CONSTRUCTION 100% PLANS