

# **Miami Shores Village**



## **Request for Qualifications**

**No. 2020-10-01**

# **“PROFESSIONAL ENGINEERING SERVICES FOR A STORMWATER IMPROVEMENT PROJECT FOR THE SHORES ESTATES SUBDIVISION”**

## **ADDENDUM #1**

**Miami Shores Village Hall  
10050 N.E. 2nd Avenue  
Miami Shores, FL 33138**

# ADDENDUM NO.1

Subsequent to the pre-bid walk thru in which the Village pointed out some of the significant areas of concern and the need for a complete drainage system to alleviate the flooding in the neighborhood, you should have acquired a feel for the intent of this project. As stated in the walk-thru, the Village does not have a particular preference to any design, however, design drawings of the NE 11<sup>th</sup> Ave Drainage Improvements Project constructed in 2007 are being provided for informational purposes.

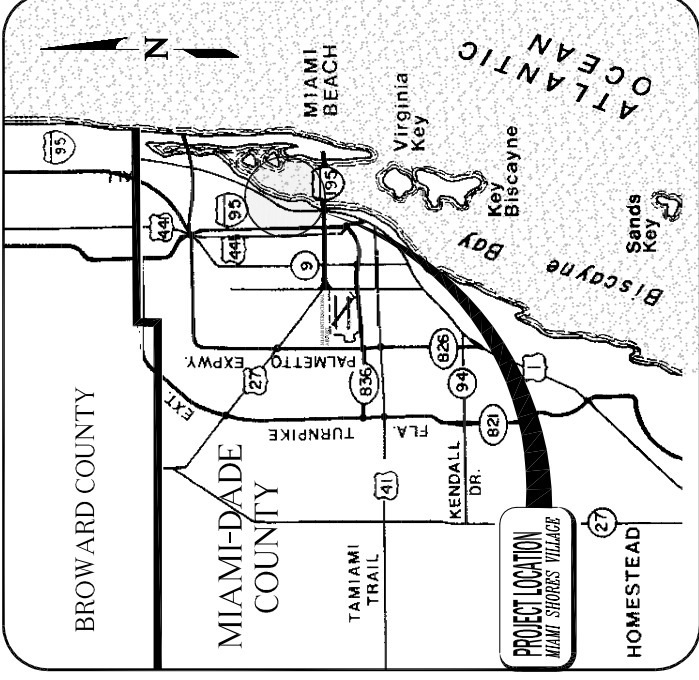




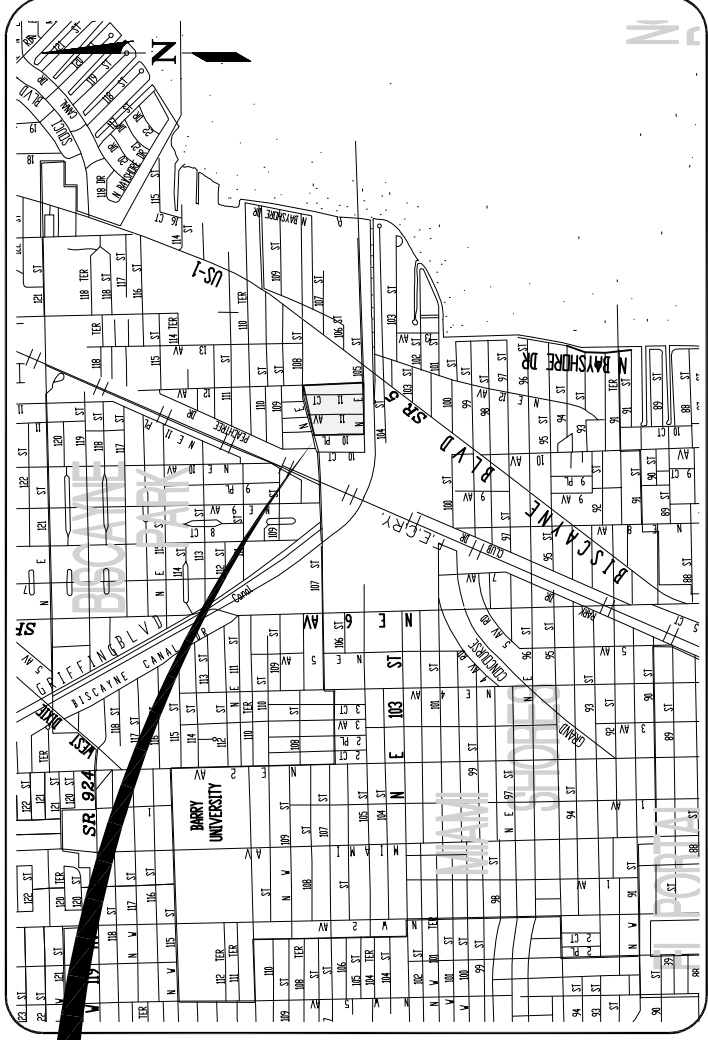
# MIAMI SHORES VILLAGE

## N.E. 11th AVENUE DRAINAGE IMPROVEMENTS

SHEET NO	DESCRIPTION:
C-1	COVER SHEET
C-2	GENERAL NOTES AND LEGEND
C-3	PLAN AND PROFILE N.E. 11th AVENUE AND 105th STREET
C-4	PLAN AND PROFILE N.E. 11th COURT AND 105th STREET
C-5	DRAINAGE AND MISCELLANEOUS DETAILS



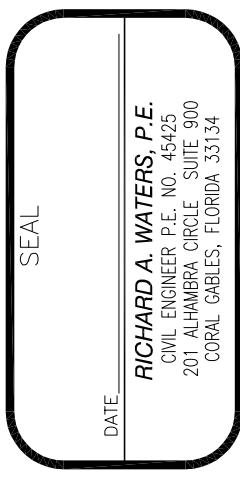
**VICINITY MAP**  
N.T.S.



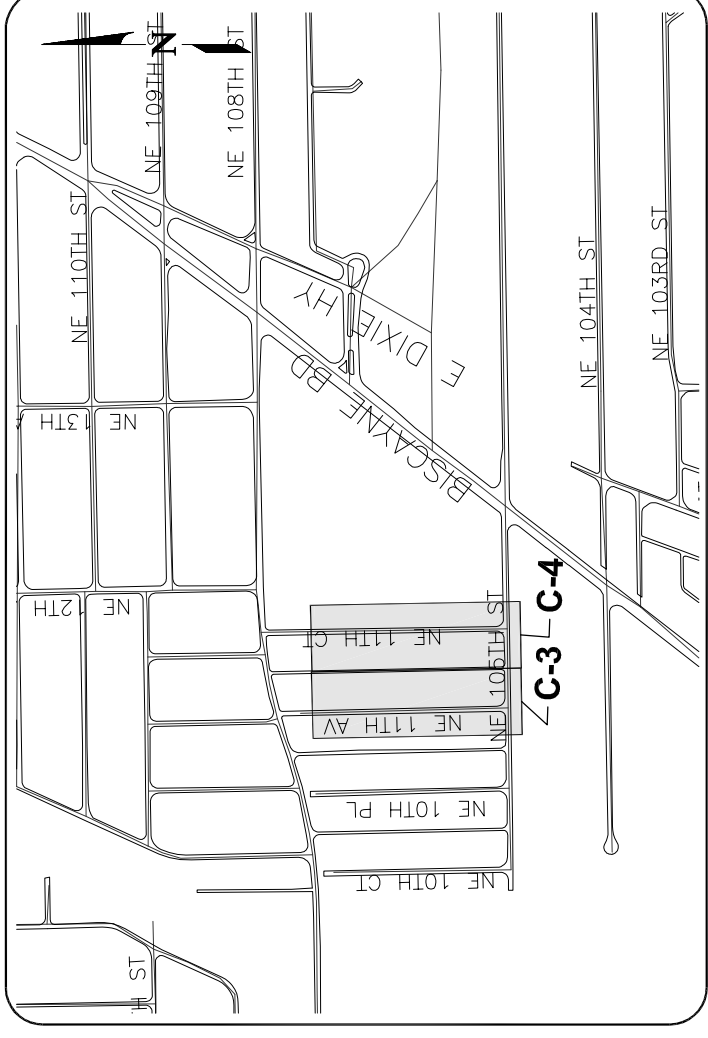
**LOCATION MAP**  
N.T.S.

PREPARED BY:

**T.Y.LIN INTERNATIONAL / H.J. ROSS**  
201 ALHAMBRA CIRCLE • SUITE 900 • CORAL GABLES, FLORIDA 33134  
PHONE: (305) -567-1888 • FAX: (305) -567-1771  
EB00000407



DATE ISSUED: JANUARY, 2007



**SHEET LAYOUT**  
N.T.S.

## GENERAL NOTES

1. ALL ELEVATIONS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929.
2. ALL DRAINAGE CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF MIAMI-DADE COUNTY, DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT (DEM) AND THE MIAMI SHORES VILLAGE DEPARTMENT OF PUBLIC WORKS.
3. 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 THE ENGINEER OF RECORD (E.O.R.) AND THE MIAMI SHORES VILLAGE DEPARTMENT OF PUBLIC WORKS.
4. CATCH BASINS, SEEPAGE DRAINS, PAVEMENT RESTORATION AND PAVEMENT AROUND CATCH BASINS TO BE CONSTRUCTED ACCORDING TO THE DETAILS FOUND IN THESE PLANS.
5. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTIONS SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT.
6. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, AND UTILITIES WHICH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER. ALL SIDEWALKS, DRIVEWAYS, LANDSCAPE, FENCES AND GRASS AREAS DISTURBED DURING CONSTRUCTION MUST BE RETURNED TO THEIR ORIGINAL CONDITION.
7. ALL APPLICABLE PERMITS MUST BE OBTAINED PRIOR TO THE BEGINNING OF CONSTRUCTION OF THE PROJECT. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION.
8. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE. THE CONTRACTOR IS ADVISED THAT A TREE PERMIT MAY BE REQUIRED FOR TREE REMOVAL. CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO REMOVING ANY TREES.
9. EXISTING GRADES WERE TAKEN FROM THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK. E.O.R. ASSUMES NO RESPONSIBILITY FOR INFORMATION INDICATED ON CERTIFIED TOPOGRAPHY SURVEY.
10. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS LISTED IN PROJECT SPECIFICATIONS AND AS INDICATED IN THE CONSTRUCTION DRAWINGS.
11. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES, OR PARTS OF TRENCHES EXPOSED OR OPEN AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES. WHEN THE CONTRACTOR IS NOT WORKING, UNLESS OTHERWISE DETERMINED BY THE ENGINEER, ALL TRENCHES SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN TRAFFIC.
12. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
13. TRENCH COVERSINGS SHALL BE CAST IRON PRODUCTS, HEAVY DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS, OR 16,000 LB. WHEEL LOADS.
14. STEEL GRATING AND COVERS: TRAFFIC CLASSIFICATION H-20 AASHTO H20: 16,000 LBS OVER 8" X 20" AREA
15. ALL DRAINAGE STRUCTURES MUST BE CAPABLE OF SUSTAINING HEAVY TRAFFIC LOADS.
16. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SOODED.
17. ALL SOODED AREAS, SIDEWALKS AND PAVEMENTS IMPACTED BY CONSTRUCTION SHALL BE RESTORED TO MATCH EXISTING.
18. IN THE EVENT CONTAMINATED MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE ENGINEER AND THE DIRECTOR OF PUBLIC WORKS.
19. WRITTEN DIMENSIONS INDICATED ON THESE PLANS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE PLANS EXCEPT AFTER PRIOR AUTHORIZATION BY OWNER AND E.O.R.
20. ALL WORK SHALL BE DONE ON LANDS WITHIN THE RIGHT-OF-WAY OR PROPERTY OWNED BY MIAMI SHORES VILLAGE OR AREAS IN WHICH TEMPORARY AGREEMENTS HAVE BEEN SECURED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ACCESS TO PRIVATE PROPERTIES THAT DO NOT CONTAIN TEMPORARY CONSTRUCTION AGREEMENTS, IF REQUIRED.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTORS FAILURE TO LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING HIS WORK. ITEMS NOT INDICATED ON THE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND SHALL NOT CONSTITUTE GROUNDS FOR ADDITIONAL COMPENSATION EXCEPT WHEN AUTHORIZED BY MIAMI SHORES VILLAGE AND THE ENGINEER OF RECORD.
22. DAMAGE TO TREE ROOTS GREATER THAN 1-INCH IN DIAMETER THAT ARE AFFECTED BY THE CONTRACTOR'S ACTIVITIES WITHIN THE DRIP-LINE OF THE TREE SHALL BE SAWED WITH A CLEAN CUT.
23. THE CONTRACTOR SHALL INSTALL BARRICADES OR OTHER SYSTEMS APPROVED BY THE ENGINEER TO PROTECT ALL TREES TO REMAIN IN PLACE. IF TREES NEED TO BE REMOVED, THE CONTRACTOR SHALL PREPARE AND SUBMIT THE REQUIRED TREE REMOVAL PERMITS TO MIAMI SHORES VILLAGE. THE ASSOCIATED PERMITTING FEES SHALL BE BORNE BY THE CONTRACTOR AND INCLUDED WITHIN THE SCOPE OF WORK. THE COST TO REMOVE AND REPLACE (IF REQUIRED BY THE VILLAGE) THE TREES SHALL BE BORNE BY THE CONTRACTOR.
24. WHEN DISSIMILAR MATERIAL CONNECTIONS ARE MADE, SUCH AS CONCRETE TO METAL ETC., THE MATERIALS SHALL BE SEPARATED BY COATING THE CONTACT SURFACES WITH BITUMASTIC MATERIAL AND USING APPROPRIATE FITTINGS.
25. ANY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF THE EXISTING MONUMENT IS IN DANGER OF DAMAGE, THE CONTRACTOR SHOULD NOTIFY:

MR. RON TAYLOR, NOS ADVISOR  
DEPARTMENT OF NATURAL RESOURCES  
BUREAU OF SURVEY AND MAPPING  
8700 S.W. 11TH AVENUE, SUITE 105  
TALLAHASSEE, FLORIDA 32399-3000

26. ANY TRENCH MORE THAN 5 FEET DEEP SHALL COMPLY WITH THE FLORIDA TRENCH SAFETY ACT, (SECTIONS 553.80-553.84) AND OSHA STANDARD 29 CFR 5-1928-50 SUBPART P, INCLUDING ALL SUBSEQUENT REVISIONS. TRENCH AND DITCHES SHALL COMPLY WITH NECESSARY SECURITY AS PER RULE 38C - 43.02 FAC AND 6A-22.05 (2). CONTRACTOR SHALL PROVIDE APPROPRIATE CERTIFICATION THAT HE HAS COMPLIED WITH THE ABOVE. SUCH CERTIFICATION MUST BE SUBMITTED PRIOR TO CLOSE OUT AND FOR PROJECT TO BE ACCEPTED AS COMPLETE.
27. ADJUST TOP OF STRUCTURE TO MATCH PROPOSED GRADES. REUSE EXISTING OR PROVIDE NEW FRAME AND COVER AS DIRECTED BY ENGINEER AT NO EXTRA COST TO THE OWNER.
28. CONTRACTOR SHALL PROVIDE FILL AT INLET STRUCTURES AND RESGRADE AREA TO DRAIN TO THE PROPOSED RIM ELEVATION.
29. TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT. OR THE INSPECTOR WILL SHUT THE JOB DOWN.

30. COMPLETE "AS-BUILT" INFORMATION RELATIVE TO LOCATION, SIZE AND DEPTH OF NEW PIPES, MANHOLES, INLETS, ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED (SIGNED AND SEALED BY A FLORIDA CERTIFIED P.L.S.) TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL RECORD INFORMATION ON EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO PIPES, INLETS MANHOLES, ETC. SHALL BE LOCATED BY A FLORIDA REGISTER SURVEYOR AND SHOWN ON THE RECORD DRAWINGS. COST OF SIGNED AND SEALED AS-BUILTS SHALL BE COVERED IN OVERALL BID.
31. THE CONTRACTOR SHOULD CONSIDER THE SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, EITHER PUBLIC OR PRIVATE, DURING THE EXCAVATION OF SUBSOIL MATERIAL OR DURING THE FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
32. ALL DISPOSAL OF MATERIALS, RUBBERS AND DEBRIS SHALL BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT AND/OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY. ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF OTHER MATERIAL. CONTRACTOR AT THE CONTRACTOR'S EXPENSE. EXCAVATED OR OTHER MATERIAL STORED TEMPORARILY ADJACENT TO OR PARTIALLY UNDER A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
33. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ROADWAY LIGHTING ILLUMINATION LEVELS (MINIMUM) EQUAL TO THE EXISTING LEVELS. THE CONTRACTOR SHALL SUBMIT A COMPLETE PROPOSED METHOD OF MAINTAINING LIGHTING FOR APPROVAL BY DIRECTOR OF PUBLIC WORKS PRIOR TO BEGINNING WORK.

## UTILITY NOTES:

1. THE LOCATION AND SIZES OF ALL EXISTING UTILITIES AS SHOWN ON CONSTRUCTION DRAWINGS ARE FROM AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FACILITIES SHOWN OR FOR ANY FACILITY NOT SHOWN. CONTRACTOR SHALL VERIFY THE ELEVATION, TYPE OF PIPES AND LOCATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION. IF AN EXISTING FACILITY IS FOUND TO CONFLICT WITH THE PROPOSED CONSTRUCTION UPON EXAMINATION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER SO THAT APPROPRIATE MEASURES CAN BE TAKEN TO PREVENT THE OCCURRENCE OF FLOODING. INLET AT DED 800.029-4770 AT LEAST FORTY EIGHT (48) HOURS PRIOR TO EXCAVATING. THE CONTRACTOR SHALL IDENTIFY THE DATE OF EXCAVATION IN INLET TO THE EXISTING PAVEMENT. THE INLET TO SUNSHINE STATE ONE CAL EVIDENCE OF SUCH NOTICE SHALL BE FURNISHED TO THE ENGINEER PRIOR TO EXCAVATION. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATING.
2. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE ADEQUATE MEASURES TO ENSURE SAFETY WHEN WORKING IN THE VICINITY OF OVERHEAD POWER, ELECTRICAL & TELEPHONE LINES. PROPER COORDINATION WITH JURISDICTIONAL AUTHORITIES MUST BE ADHERED TO STRICTLY.
3. UTILITIES SHOULD BE REMOVED, WHERE NECESSARY, BY COUNTY OR UTILITY COMPANY FORCES AS DIRECTED BY THE ENGINEER.
4. EXISTING UTILITIES DEPICTED ON PLAN AND PROFILE SHEETS ARE BASED ON INFORMATION OBTAINED FROM MIAMI-DADE WATER AND SEWER AND OTHER UTILITY COMPANIES.
5. ALL CONFLICT MANHOLES MUST BE PERMITTED AND DULY AUTHORIZED BY RESPECTIVE UTILITY OWNERS AND AGENCIES HAVING JURISDICTION. PERMIT CONDITIONS STIPULATED MUST BE ADHERED TO COMPLETELY.
6. THE CONTRACTOR SHALL NOT MOVE/RELOCATE ANY EXISTING POWER POLES UNLESS APPROVED BY THE REQUIRED AGENCIES AND ENGINEER OF RECORD. ALL REQUIRED APPROVALS AND AUTHORIZATIONS MUST BE COORDINATED AND OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
7. THE CONTRACTOR MUST ADHERE TO THE SANITARY PROVISIONS IN ACCORDANCE WITH MIAMI-DADE COUNTY STANDARDS.
8. SHOULD UNCHARGED OR INCORRECTLY CHARGED, PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT UTILITY OWNER AND ENGINEER IMMEDIATELY FOR DIRECTIONS. COOPERATE WITH OWNER AND UTILITY COMPANIES IN KEEPING RESPECTIVE SERVICES AND FACILITIES IN OPERATION. REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF UTILITY OWNER.
9. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED BY OWNER OR OTHERS, DURING OCCUPIED HOURS EXCEPT WHEN PERMITTED IN WRITING BY ENGINEER AND THEN ONLY AFTER ACCEPTABLE TEMPORARY UTILITY SERVICES HAVE BEEN PROVIDED.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR ALL WORK SCHEDULED IN CONFLICT AREAS.

## MAINTENANCE OF TRAFFIC NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, AND THE MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES AND SAFETY DEVICES IN ACCORDANCE WITH THE PROJECT PLANS, THE PROJECT STANDARD CONTRACT DOCUMENTS AND SPECIFICATIONS FOR PUBLIC WORKS PROJECTS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA. THE CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN TO THE ENGINEER FOR HIS REVIEW.
2. THE TRAFFIC AND TRAVEL SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
3. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE THE EXISTING POSTED SPEED.
4. AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.
5. CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY COVERING OR REMOVING/RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.
6. EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED, MAINTAINED AND PROTECTED FOR THE DURATION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORMWATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC THRU THE WORK ZONE IN A MANNER APPROVED BY THE ENGINEER. COST FOR REMOVING THE WATER SHALL BE DEDMED INCIDENTAL TO THE PROJECT COST.
8. CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF ANY DETOUR IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
9. CONTRACTOR SHALL MAINTAIN AT LEAST THE FOLLOWING NUMBER OF TRAFFIC LANES FOR CORRESPONDING TIME PERIODS: MONDAY-FRIDAY 7-9 A.M. AND 4-6 P.M.: NO INTERRUPTION TO TRAFFIC IS PERMITTED.
10. ALL OTHER TIMES: MAINTAIN ONE LANE FOR TWO-WAY OPERATION WITH FLAGMEN. MAINTAIN ONE LANE IN EACH DIRECTION FOR TRAFFIC. IF NO FLAGMEN. NO ON-STREET PARKING WILL BE AVAILABLE DURING THE CONSTRUCTION AND NECESSARY SIGNING SHALL BE PROVIDED BY THE CONTRACTOR.
11. THE CONTRACTOR SHALL PROVIDE SIGNS AND BARRICADES AS WELL AS ALL TRAFFIC CONTROL FENCES USED ON THIS PROJECT AND SHALL CONFORM TO THE APPLICABLE SPECIFICATIONS SHOWN IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS U.S.D.I.T.H.A. AND AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA).
12. CONTRACTOR MUST MAINTAIN SIGNALIZED INTERSECTION AT ALL TIMES BY PROVIDING TEMPORARY SIGNALIZATION AS REQUIRED.
13. THE CONTRACTOR SHALL PROTECT THE WORK ZONE WITH DEVICES APPROVED BY THE ENGINEER WHEN DROP OFF'S EXCEED 3" ADJACENT TO TRAVEL WAYS.

## MARKINGS:

14. THE CONTRACTOR SHALL REMOVE ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. GRINDING OR MILLING WITHOUT ASPHALT OVERLAY SHALL ONLY BE PERMITTED IN NON-TRAFFIC AREAS AS DESIGNATED BY THE ENGINEER. PAVEMENT MARKINGS SHALL BE REPAIRED AT THE TIME TRAFFIC CONTROL PLANS ARE NO LONGER AFFECTED BY THEIR PLACEMENT. COST OF REMOVAL AND REPLACEMENT OF PAVEMENT MARKINGS IS INCLUDED IN MAINTENANCE OF PAVEMENT PAY ITEM. USE OF BLACK PAINT TO COVER EXISTING AND/OR TEMPORARY PAVEMENT MARKINGS IS PROHIBITED.
15. CONTRACTOR SHALL NOTIFY MIAMI DADE COUNTY SIGNS AND SIGNALS DIVISION LOCATED AT 7100 N.W. 36TH STREET MIAMI, FLORIDA 33166 AND PHONE NO. (305) 592-3470, 48 HOURS PRIOR TO ANY MODIFICATION OF AN EXISTING TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR THE MAINTENANCE OF THE EXISTING OR TEMPORARY TRAFFIC SIGNAL(S) WITHIN THE PROJECT LIMITS. COST OF RELOCATING TRAFFIC SIGNAL HEADS, PROVIDING AND REMOVING TEMPORARY SIGNALS AND CONTROLLERS, AND MAINTAINING THE EXISTING OR TEMPORARY TRAFFIC SIGNALS AND CONTROLLERS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.
16. THE CONTRACTOR SHALL MAINTAIN ONLINE COMMUNICATION OF EXISTING OR TEMPORARY SIGNALIZATION VIA INTERCONNECT OR PHONE LINE DURING CONSTRUCTION. CONTRACTORS SHALL PROVIDE TEMPORARY LINES AND CONNECTIONS IF NECESSARY. COST OF MAINTAINING COMMUNICATION, INCLUDING TEMPORARY LINES AND CONNECTIONS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.

## WORK ZONE LIMITS:

17. THE LENGTH OF AN OPEN TRENCH SHALL NOT EXCEED 600 FEET. PROPERTY ACCESS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL NOT HAVE OPEN TRENCH CONSTRUCTION IN TWO CONSECUTIVE STREETS OR AVENUES AT THE SAME TIME.

## PEDESTRIANS, BICYCLES, AND WHEELCHAIRS:

18. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH SAID PATHS OR PROTECTED WITH BARRICADES, TEMPORARY CONCRETE BARRIER WALL, OR APPROVED HANDRAIL. COST OF BACKFILLING DROP OFF SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.
19. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE MAINTAINED AND GUIDED USING APPROVED WARNING SIGNS, FLASHING LIGHTS, AND SIGNALIZATION DEVICES ON BOTH SIDES OF THE PROJECT. TRAFFIC SIGNALIZATION DEVICES ON PATH SHALL BE SPACED AT A MINIMUM OF 4 FEET WIDE WITH A SMOOTH SURFACE THAT IS NOT SLICK AND IT SHOULD BE RAISED AS NECESSARY FOR CONTINUITY. COST TO CONSTRUCT AND MAINTAIN THE TRAVEL PATH AS REQUIRED SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.

## QUANTITIES

ITEM	DESCRIPTION	UNIT	PLAN	FINAL
A-1	Mobilization	LS	1	
A-2	Maintenance of Traffic	LS	1	
A-3	Allowance Account	LS	1	
A-4	Sod Replacement	SY	578	
B-1	Asphaltic Concrete Type S-III (7") Surface Course	SY	501	
B-2	Asphalt Milling (3/4" Average)	SY	1444	
B-3	Asphaltic Concrete Type S-III Resurfacing (100 lbs/sy avg.)	SY	1945	
B-4	Pavement Driveway Restoration (6" L.R. Base, 1" Asph)	SY	199	
B-5	6" Concrete Curb	LF	20	
C-1	12" RCP (Class III) Storm Sewer, any depth of cut	LF	20	
C-2	18" RCP (Class III) Storm Sewer, any depth of cut	LF	643	
C-3	Ditch Bottom (mat Type C, (<10)	EA	2	
C-4	Manhole Type "P, 6" (<10)	EA	1	
C-5	Type "C" w/ JBottom (<10)	EA	1	
C-6	Type "J, 8" Manhole (<10)	EA	1	
C-7	Treatment Unit (4 Downstream Defender or equiv.)	EA	2	

## LEGEND:

	ASPHALT
	CONCRETE
	BOTTOM OF ENCLOSURE
	CATCH BASIN
	CHAIN LINK FENCE
	CONCRETE
	MIAMI-DADE COUNTY RECORDS
	ELECTRIC BOX
	ELEVATION
	FIRE HYDRANT
	FOUND
	HANDICAP
	HEIGHT
	INVERT ELEVATION
	LICENSED BUSINESS
	METAL LIGHT POLE
	OVERHEAD WIRES
	FLAT BOOK
	POINT OF CURVATURE
	PAGE
	RESIDENCE
	RIM ELEVATION
	RIGHT-OF-WAY
	STATION
	WATER METER BOX
	WOOD POWER POLE
	WATER VALVE
	CENTERLINE
	ELEVATION

## SYMBOLS:

	ANCHOR
	BELL-SOUTH TELEPHONE BOX
	CATCH BASIN
	FIRE HYDRANT
	LIGHT POLE
	MAIL BOX
	PALM TREE
	SIGN
	TREE
	WATER METER BOX
	WOOD POWER POLE
	WATER VALVE

## M.I.A.M.I. SHORES VILLAGE

## N.E. 11th AVENUE DRAINAGE IMPROVEMENTS GENERAL NOTES, M.O.T., LEGEND, AND QUANTITIES

T.Y.LIN INTERNATIONAL / H.J. ROSS  
201 ALHAMBRA CIRCLE • SUITE 900 • CORAL GABLES, FLORIDA 33134  
PHONE: (305)-567-1888 • FAX: (305)-567-1771

EB00000407



RICHARD A. WATERS, P.E.  
CIVIL ENGINEER P.E. NO. 45425  
201 ALHAMBRA CIRCLE SUITE 900  
CORAL GABLES, FLORIDA 33134

Date:	DECEMBER 2006
Drawn:	F.A.
Checked:	R.A.W.
Scale:	AS SHOWN
CAD File:	C-02

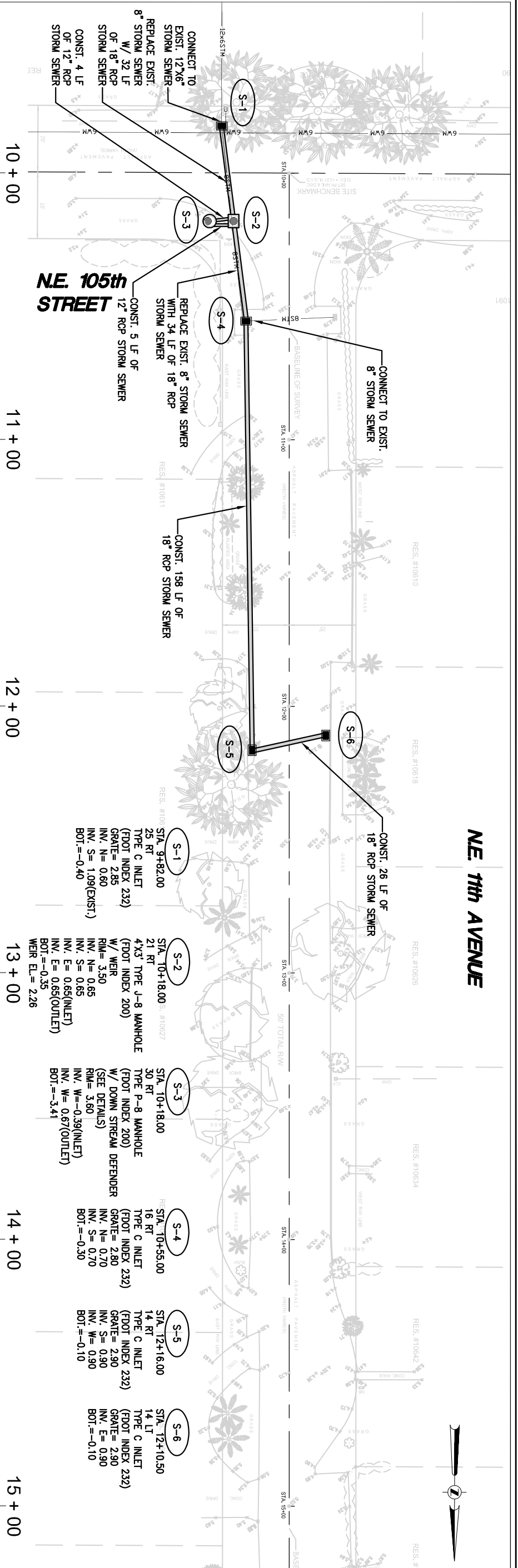
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SHEET

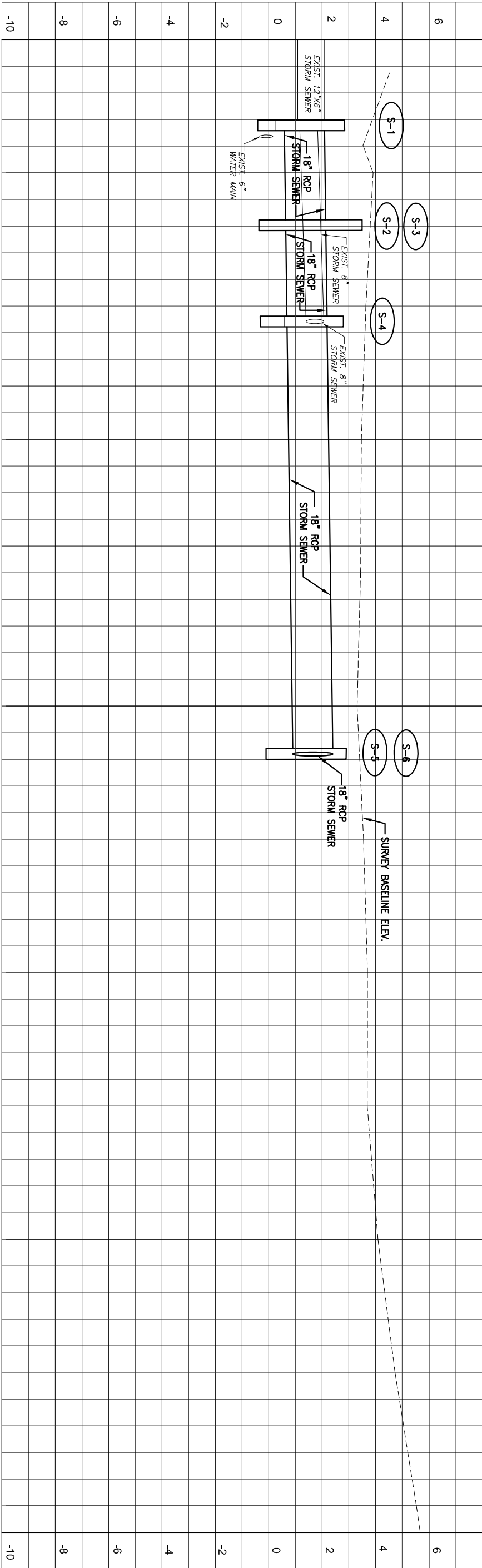
C-2

No.	Date	REVISION	By
7			
6			
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3			
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1			

**PLAN**



**PROFILE**



SCALE IN FEET  
VERTICAL SCALE

SCALE IN FEET  
HORIZONTAL SCALE

**SURVEY INFORMATION**  
 THESE DRAWINGS ARE BASED ON A SURVEY DATED 11-30-06.  
 PREPARED BY  
 LEITER PEREZ & ASSOCIATES, INC.  
 LAND DEVELOPMENT CONSULTANTS  
 LAND PLANNERS - ENVIRONMENTAL  
 160 N.W. 176TH ST., SUITE 403, MIAMI, FLORIDA, 33169  
 PHONE: (305) 652-5133 BROWARD (954) 524-2202 FAX: (305) 652-4411  
 E-Mail: office@leiteperes.com WEBSITE: www.leiteperes.com



**MIAMI SHORES VILLAGE**  
 N.E. 11th AVENUE  
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**PLAN AND PROFILE**  
 N.E. 11th AVE. AND 105th ST.

SEAL DATE  
**RICHARD A. WATERS, P.E.**  
 CIVIL ENGINEER P.E. NO. 45425  
 201 ALHAMBRA CIRCLE SUITE 900  
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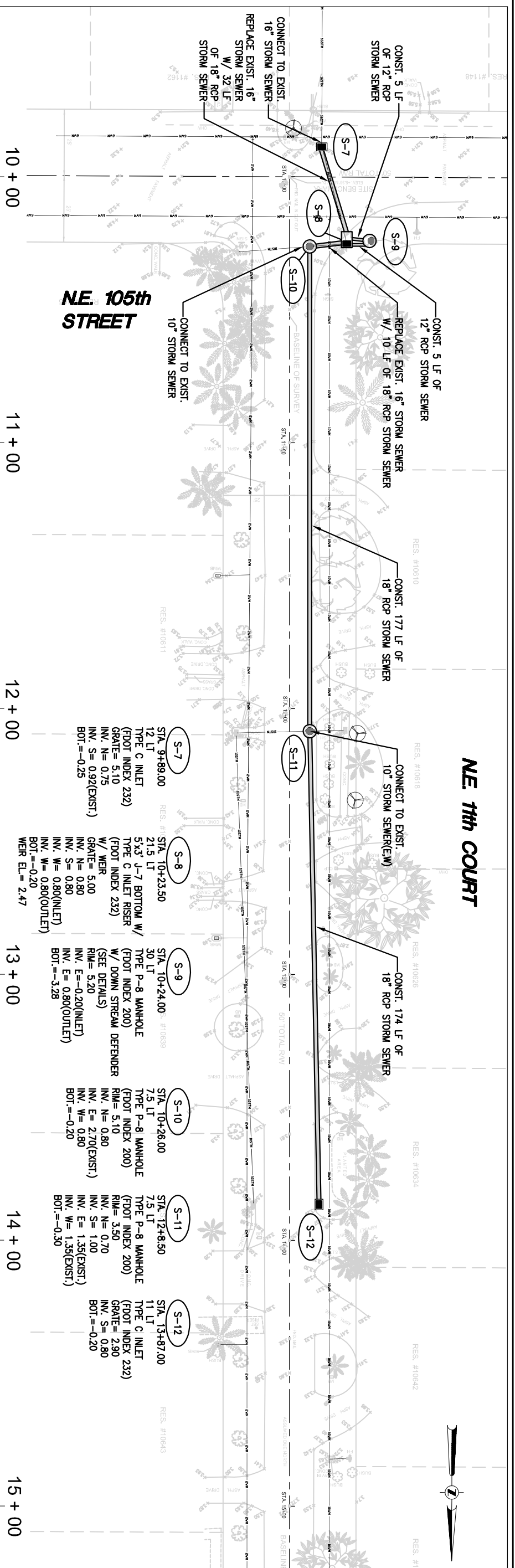
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 N.E. 11th AVE. AND 105th ST.

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 201 ALHAMBRA CIRCLE • SUITE 900 • CORAL GABLES, FLORIDA 33134  
 PHONE: (305)-567-1888 • FAX: (305)-567-1771  
 EB00000407

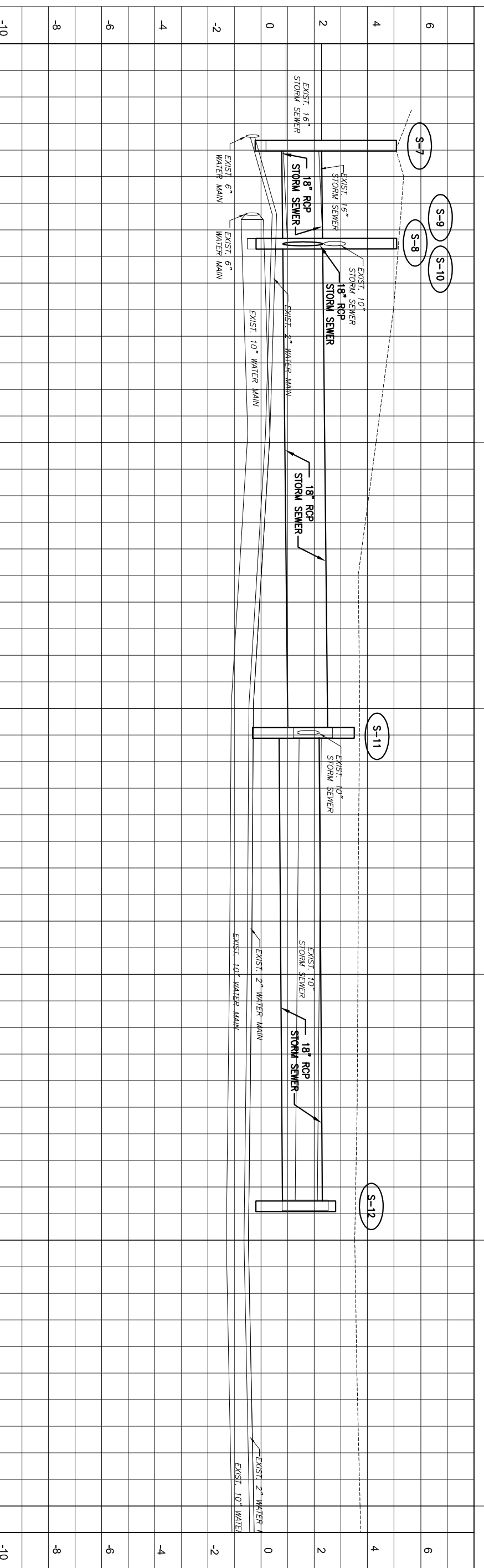
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**CONTRACT No.** 550208.20  
**PROJECT No.** C-3  
**DATE:** DECEMBER 2006  
**Drawn:** F.A.  
**Checked:** R.A.W.  
**Scale:** AS SHOWN  
**CAD File:** C-03

**PLAN**



**PROFILE**



SCALE IN FEET  
VERTICAL SCALE




SCALE IN FEET  
HORIZONTAL SCALE



**SURVEY INFORMATION**  
 THESE DRAWINGS ARE BASED ON A SURVEY DATED 11-3-06.  
 PREPARED BY  
 LEITER PEREZ & ASSOCIATES, INC.  
 LAND DEVELOPMENT CONSULTANTS  
 LAND PLANNERS - ENVIRONMENTAL  
 160 N.W. 176TH ST., SUITE 403, MIAMI, FLORIDA, 33169  
 PHONE: (305) 652-5133 BROWARD (954)524-2202 FAX: (305) 652-4411  
 E-Mail: office@leitepererez.com WEBSITE: www.leitepererez.com



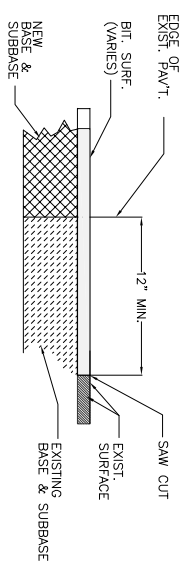
Date: DECEMBER 2006	
Drawn: F.A.	Checked: R.A.W.
Scale: AS SHOWN	CAD File: C-04
SEAL DATE RICHARD A. WATERS, P.E. CIVIL ENGINEER P.E. NO. 45425 201 ALHAMBRA CIRCLE SUITE 900 CORAL GABLES, FLORIDA 33134	


**MIAMI SHORES VILLAGE**  
 N.E. 11th AVENUE  
 DRAINAGE IMPROVEMENTS  
**PLAN AND PROFILE**  
 N.E. 11th CT. AND 105th ST.

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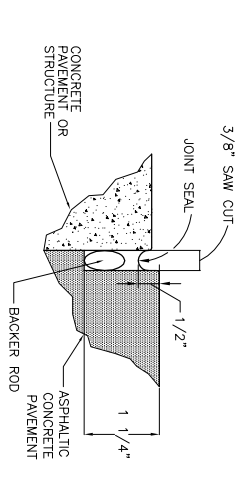
SHEET  
**C-4**



ENGINEER'S NOTE:  
DO NOT UNDERCUT EXISTING BASE & SUBBASE SUPERGRADE WHEN CONSTRUCTING NEW BASE & SUBBASE

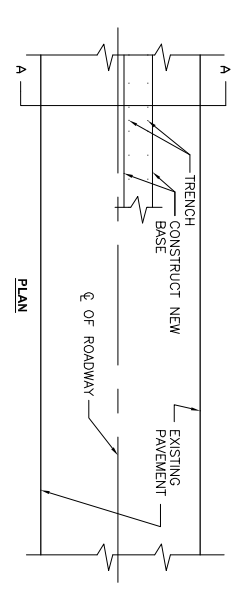
**DETAIL**  
**TRANSITION OF NEW ASPHALTIC PAVEMENT TO EXISTING ASPHALTIC PAVEMENT**

N.T.S.

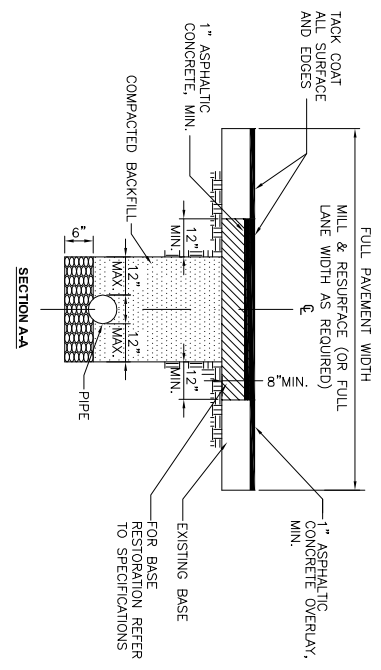


**CONCRETE-ASPHALT JOINT DETAIL**

N.T.S.



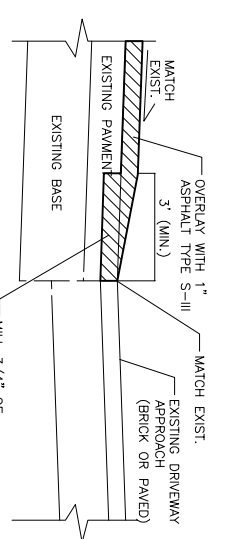
NOTES:  
EXISTING PAVEMENT SHALL BE EXCAVATED AND SHOWN STRAIGHT LINE & FEATHERED AT ENDS



NOTES:  
UNLESS OTHERWISE SPECIFIED ALL ASPHALTIC CONCRETE OR OIL-SAND DRIVEWAYS SHALL BE REPLACED WITH TYPE I PAVEMENT RESTORATION

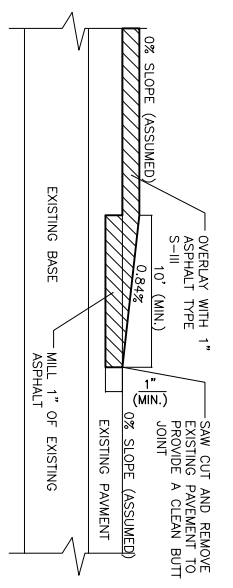
**TYPE V PAVEMENT REPAIR LONGITUDINAL PAVEMENT RESTORATION**

N.T.S.



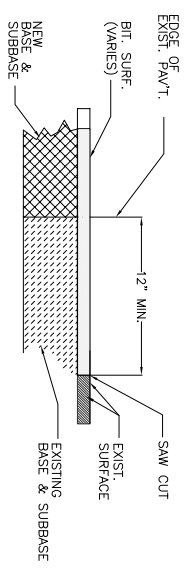
**DRIVEWAY APPROACH MILLING DETAIL**

N.T.S.



**LONGITUDINAL FEATHERING DETAIL**

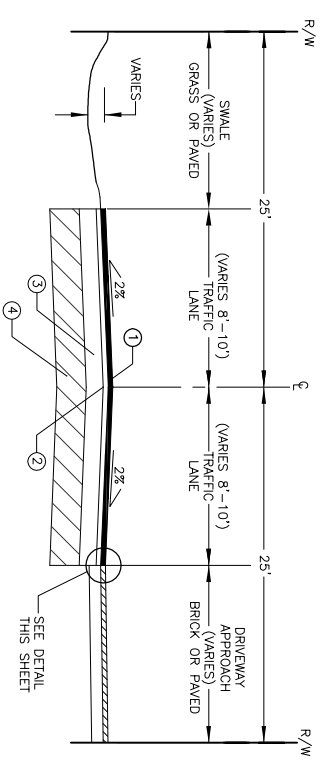
N.T.S.



NOTES:  
1. ARROWS INDICATE DIRECTION OF FLOW.  
2. CHECK VALVE SHALL BE CONSTRUCTED OF RUBBER.  
3. EXPANSION BAND SHALL BE SEWN INTO EFFLUENT PIPE AND SECURED WITH EXPANSION BAND. EDGE OF VALVE AND EXPANSION BAND SHALL BE FLUSH WITH INSIDE SURFACE OF MANHOLE WALL.

**TIDEFLEX SERIES 37G CHECK VALVE DETAIL**

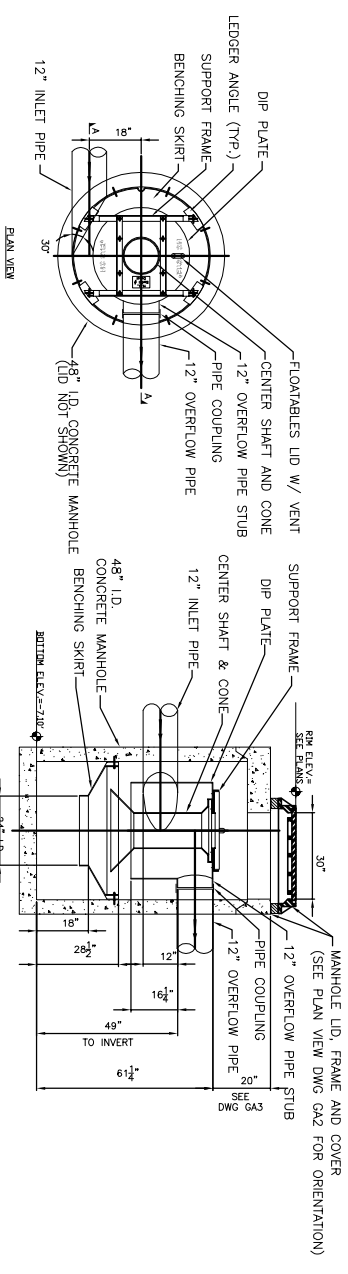
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**OVERLAY TYPICAL SECTION**

N.T.S.

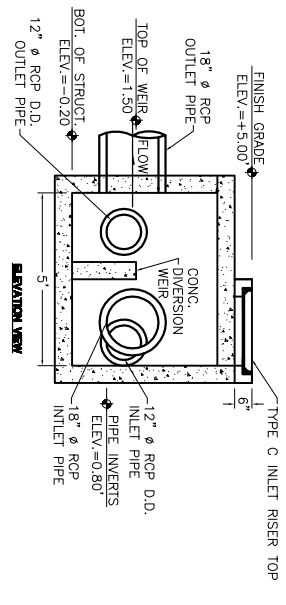
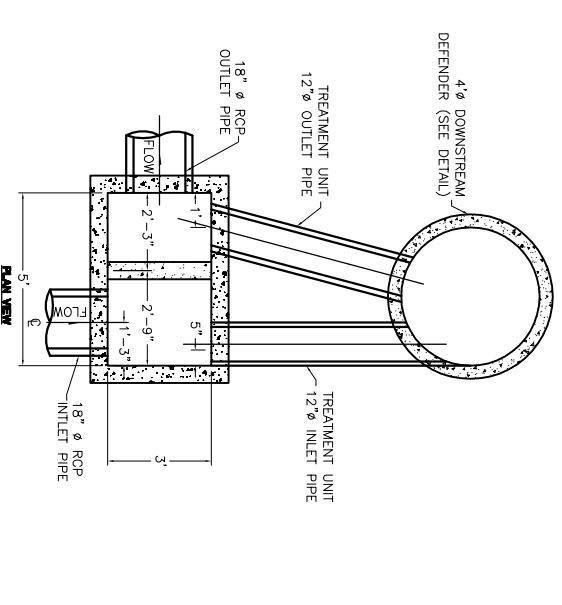
- ① PROPOSED ASPHALT OVERLAY (1" MIN.) (TYPE S-III)
- ② EXISTING ASPHALT
- ③ EXISTING LIMESTONE BASE
- ④ EXISTING SUBGRADE



NOTES:  
1. DIMENSIONS ARE GENERAL AND INTENDED FOR GUIDANCE ONLY.  
2. TO SITE REQUIREMENTS. SEE SITE PLAN FOR ORIENTATION.  
3. INLET PIPE MUST BE TANGENT TO PRECAST MANHOLE I.D. AS SHOWN.  
4. OVERFLOW PIPES SHALL BE SHOWN TO CONCRETE SUPPLIER.  
5. COST OF INLET AND OUTLET PIPES TO BE INCLUDED IN THE COST OF THE UNIT

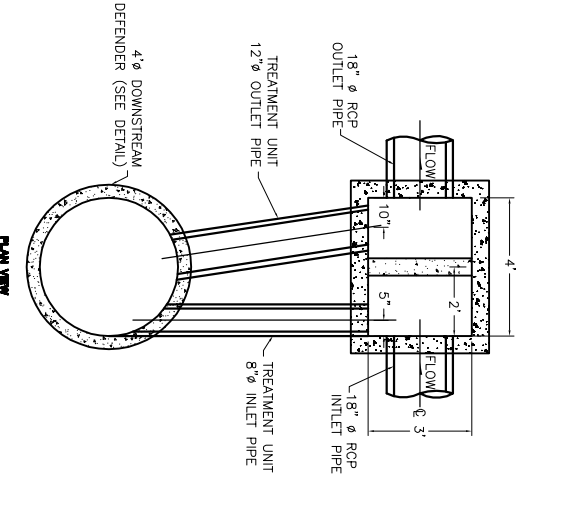
**4\"/>**

N.T.S.



**DIVERSION STRUCTURE S-8 5'x3' J-7 W/ TYPE C INLET TOP**

N.T.S.



**STRUCTURE S-2 4'x3' J-8 DIVERSION MANHOLE**

N.T.S.

**MIAMI SHORES VILLAGE**  
N.E. 11th AVENUE  
DRAINAGE IMPROVEMENTS  
**PROJECT DETAILS**



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Scale: AS SHOWN  
CAD File: C-05

SEAL DATE  
**RICHARD A. WATERS, P.E.**  
CIVIL ENGINEER P.E. NO. 45425  
201 ALHAMBRA CIRCLE SUITE 900  
CORAL GABLES, FLORIDA 33134

PROJECT No. 550208.20  
SHEET **C-5**