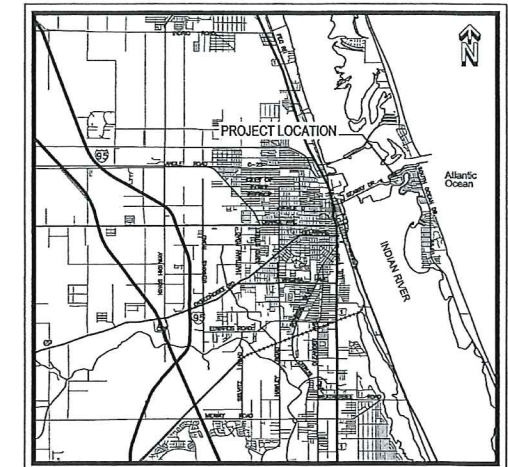


**CITY OF FORT PIERCE**  **DEPARTMENT OF ENGINEERING**

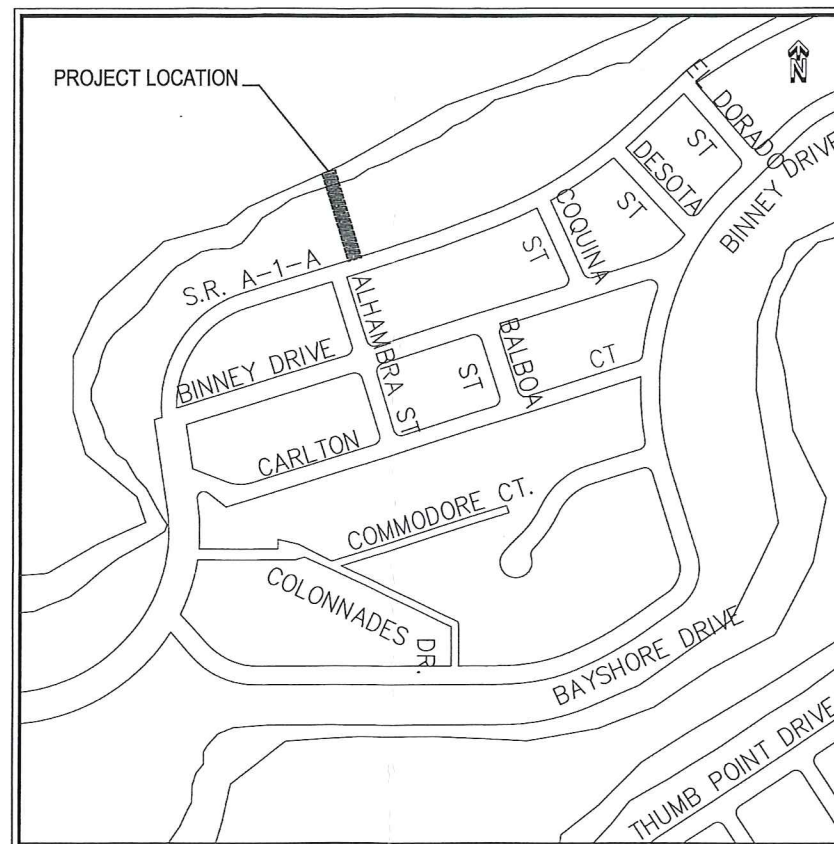


**1230 SEAWAY DRIVE - OUTFALL  
STORM DRAINAGE EMERGENCY REPAIR  
PROJECT**




**PROJECT LOCATION MAP**

**SITE LOCATION**



INDEX	
DESCRIPTION	SHEET NUMBER
COVER SHEET	1 OF 2
PLAN AND DETAILS	2 OF 2



DATE:  
JULY 2016

SCALE:  
NTS

SURVEY CHECKED BY:  
-

DRAWN:  
D.H.

DESIGNED BY:  
D.H.

APPROVED:  
T.T.&J.A.



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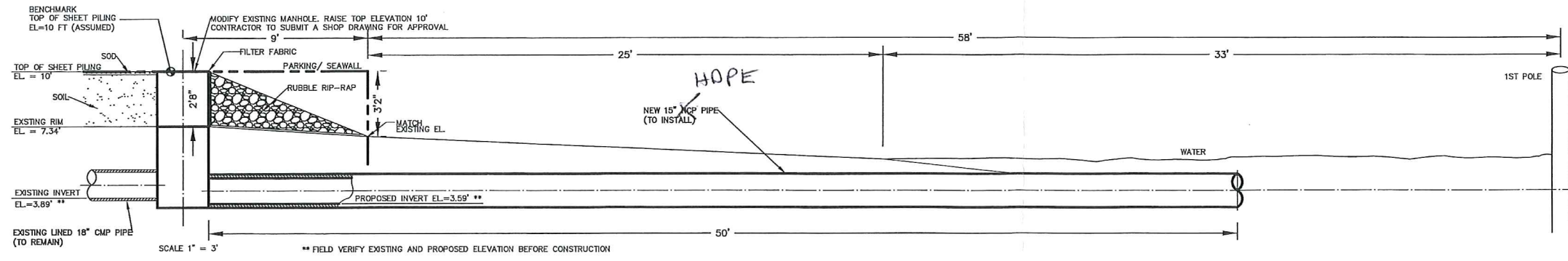
No.	DATE	BY	REVISIONS

**1230 SEAWAY DR - OUTFALL  
STORM DRAINAGE EMERGENCY REPAIR PROJECT**

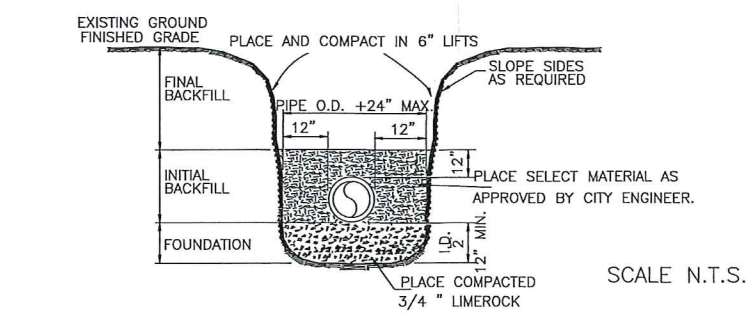
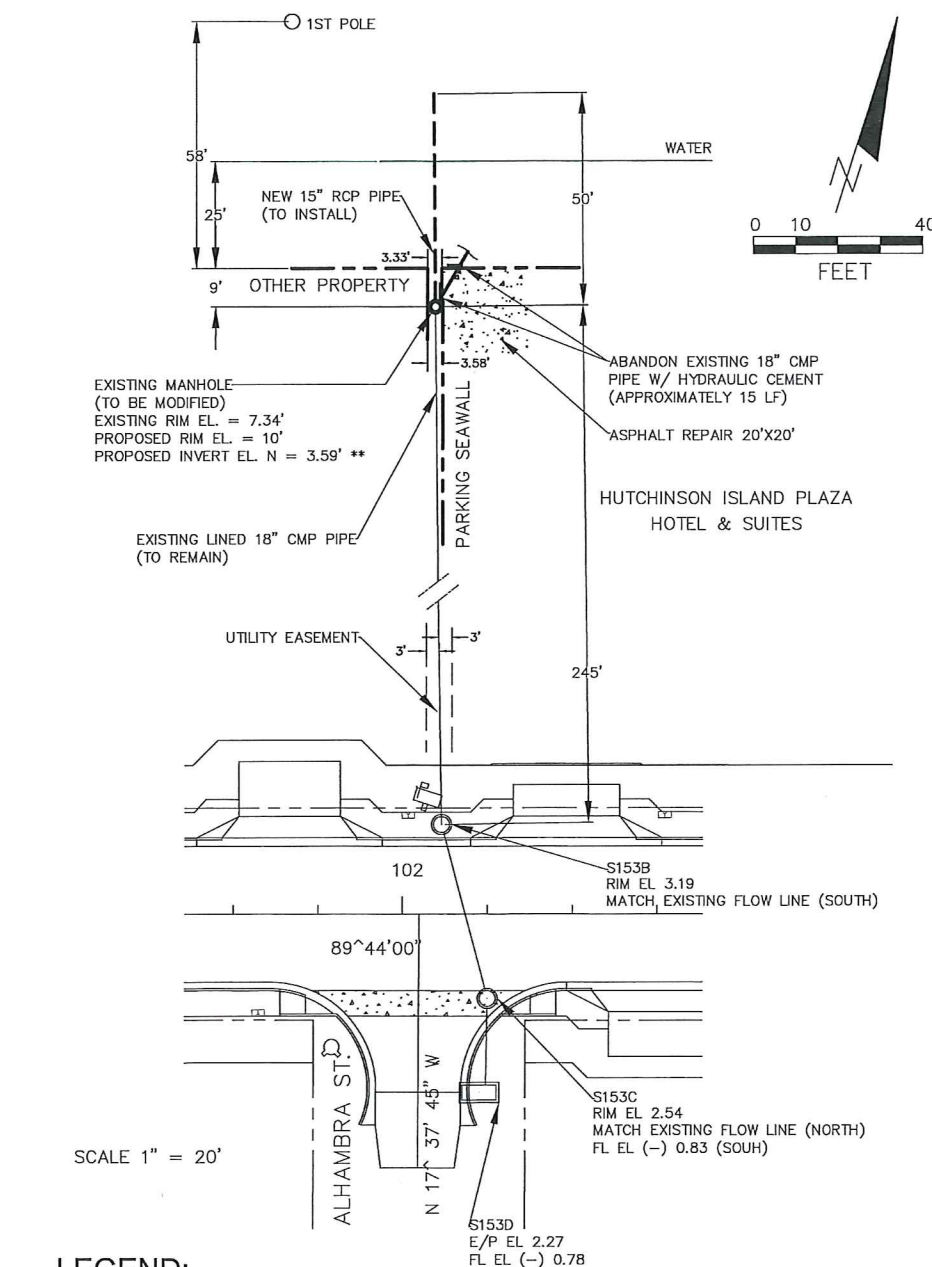
CITY OF FORT PIERCE  
DEPARTMENT OF ENGINEERING  
100 NORTH U.S. 1 P.O. BOX 1480  
FORT PIERCE FLORIDA, 34954

PROJECT No.  
DRAWING No.  
SHEET No.  
**1 OF 2**

C:\ENGINEERING\Streets\A1A\Drainage Complaints\1230 Seaway Dr - Outfall - Hutchinson Island Plaza Hotel & Suites\12030 SEAWAY DRIVE-JULY 2016.dwg

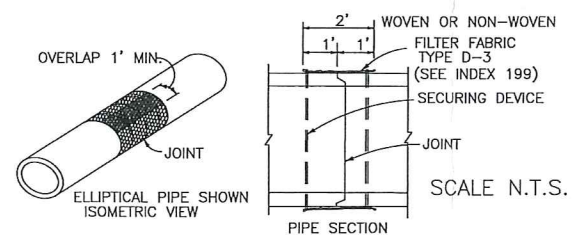


- ### GENERAL NOTES
1. THE "TRENCH SAFETY ACT" SHALL BE INCORPORATED INTO THIS CONTRACT AS ENACTED BY THE LEGISLATURE OF THE STATE OF FLORIDA TO BE IN EFFECT AS OF OCTOBER 1, 1990.
  2. ALL CONSTRUCTION MUST COMPLY WITH THE CITY OF FT. PIERCE CODE OF ORDINANCES AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION.
  3. ALL DISTURBED AREAS SHALL BE SODDED UPON COMPLETION OF GRADING.
  4. BACKFILL TO BE COMPACTED IN NO GREATER THAN ONE (1) FOOT LIFTS TO THE DENSITY OF THE UNDISTURBED ADJACENT SOILS.
  5. PIPE CULVERTS AND STORM SEWERS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SECTION 430 F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.



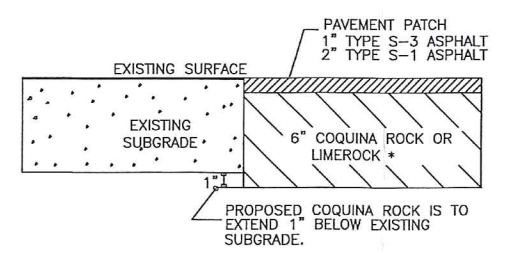
- ### GENERAL CONSTRUCTION NOTES:
1. ALL TRENCHING SHALL COMPLY WITH THE REQUIREMENTS OF THE FLORIDA TRENCH SAFETY ACT.
  2. FOUNDATION - 3/4" LIMEROCK A MINIMUM OF 12" IN DEPTH.
  3. INITIAL BACKFILL - THE MATERIAL PLACED TO 12" ABOVE THE PIPE SHALL BE PLACED IN SIX DENSITY AS DETERMINED BY AASHTO T-99. INCH LAYERS AND COMPACTED WITH MECHANICAL TAMPERS TO AT LEAST 95% MAXIMUM.
  4. FINAL BACKFILL - TO BE PLACED IN LAYERS NOT TO EXCEED ONE FOOT IN THICKNESS AND DETERMINED BY AASHTO T-99 COMPACTED WITH APPROPRIATE EQUIPMENT TO AT LEAST 95% MAXIMUM DENSITY AS

### TRENCH DETAIL



STORM PIPE JOINTS SHALL BE WRAPPED ACCORDING TO THIS DETAIL. COMPLETELY WRAP THE OUTSIDE OF EACH JOINT WITH EITHER A WOVEN OR NON-WOVEN FILTER FABRIC WHICH PROVIDES AN AOS OF A NO. 70 TO NO. 100 SIEVE (150 TO 212 UM) IN WIDTH AND A LENGTH TO PROVIDE A MINIMUM OVERLAP OF 24 INCHES (600 MM). SECURE FILTER FABRIC AGAINST THE OUTSIDE OF THE PIPE BY STEEL OR PLASTIC STRAPPING OR BY OTHER METHODS APPROVED BY THE ENGINEER. (REF: F.D.O.T. INDEX 280 FOR DETAILS OF CONSTRUCTION).

### FILTER FABRIC JACKET DETAIL



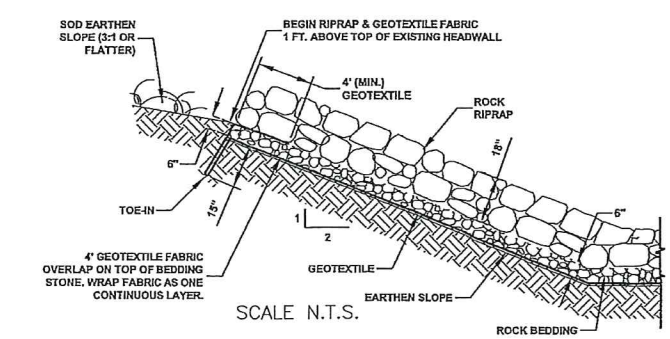
### PAVEMENT PATCHING DETAIL

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1	MOBILIZATION	LS	1.00
2	EROSION & SEDIMENT CONTROL	LS	1.00
3	CLEARING & GRUBBING	LS	1.00
4	PIPE CULVERT, ROUND, 15" RCP (LABOR & MATERIAL)	LF	50.00
5	MODIFY & ADJUST EXISTING MANHOLE	LS	1.00
6	RIP-RAP RUBBLE (INCLUDES BEDDING STONE AND FILTER FABRIC)	LS	1.00
7	PERFORMANCE TURF, SOD (BAHIA)	SY	5.83
8	FILL EXISTING OUTFALL PIPE W/ HYDRAULIC CEMENT	LF	15.00
9	REPAIR PARKING LOT OF ASPHALT (AVG. 1.5")	SY	44.00
10	MANHOLE RIM/COVER	EA	1.00

EROSION AND SEDIMENT CONTROL PLAN  
THE CONTRACTOR SHALL MAINTAIN PROPERLY THE EROSION AND SEDIMENT CONTROL DURING THE CONSTRUCTION, AND SHALL BE PER FDOT INDEX NO. 102.

DRAINAGE DETAILS  
THE CONTRACTOR SHALL FOLLOW FOR CONSTRUCTION THE DRAINAGE AND MANHOLES DESIGN STANDARDS PER FDOT INDEX NO. 201 & 280.

FILTER FABRIC  
THE CONTRACTOR SHALL WRAP ALL STORM PIPE JOINTS. CONSTRUCTION SHALL BE PER FDOT INDEX NO. 280 WITH WOVEN GEOTEXTILE TYPE D-3 (FDOT INDEX NO. 199), SECURED WITH STRAPPING.



### RIPRAP DETAIL

- ### LEGEND:
- MANHOLE
  - PROPERTY LIMITS
  - RCP REINFORCED CONCRETE PIPE
  - CMP CORRUGATED METAL PIPE

No.	DATE	BY	REVISIONS

1230 SEAWAY DR - OUTFALL  
STORM DRAINAGE EMERGENCY REPAIR PROJECT

CITY OF FORT PIERCE  
DEPARTMENT OF ENGINEERING  
100 NORTH U.S. 1 P.O. BOX 1480  
FORT PIERCE FLORIDA, 34954

PROJECT No.  
DRAWING No.  
SHEET No.  
5 OF 9



DATE:  
JULY 2016  
SCALE:  
1" = 20'; 1" = 3'  
SURVEY CHECKED BY:  
DRAWN:  
D.H.  
DESIGNED BY:  
D.H.  
APPROVED:  
T.T. & J.A.

