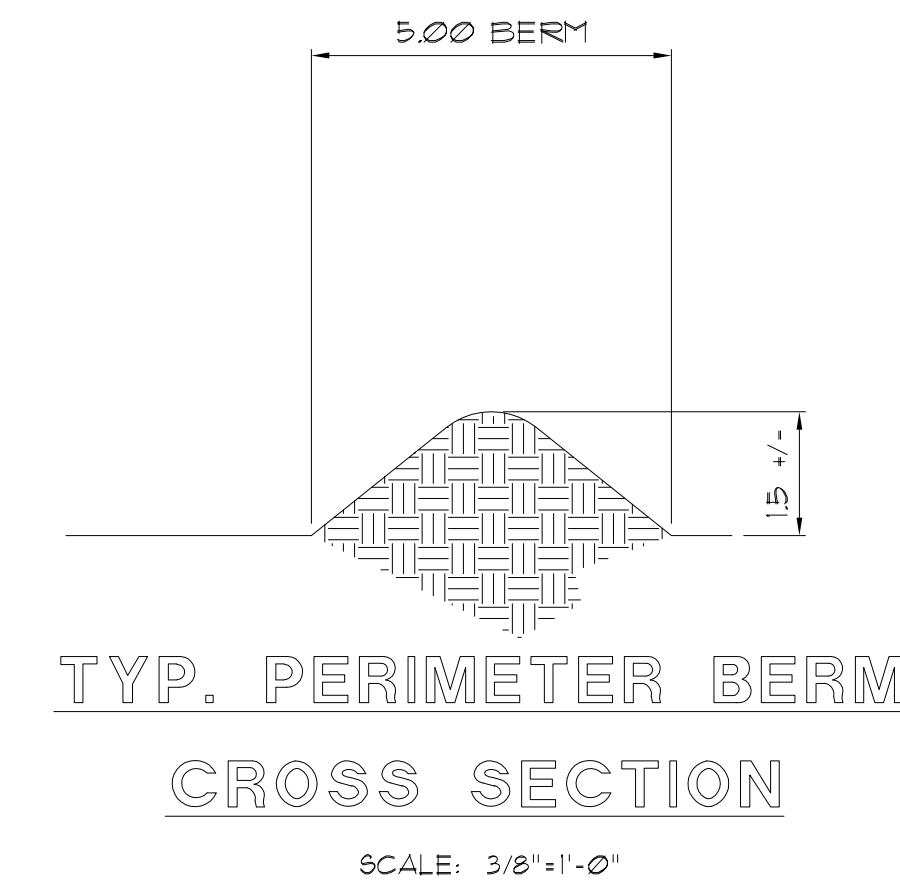
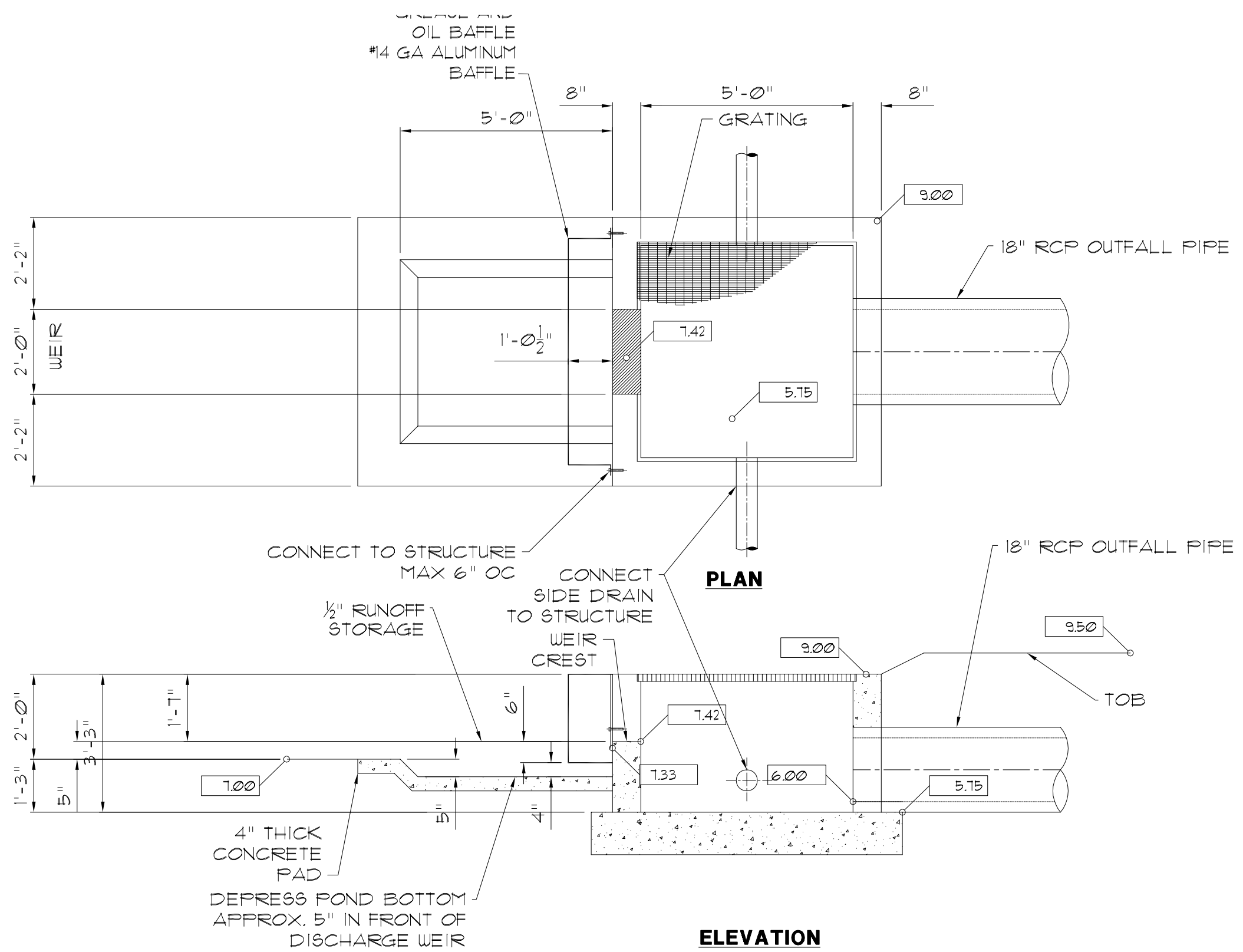


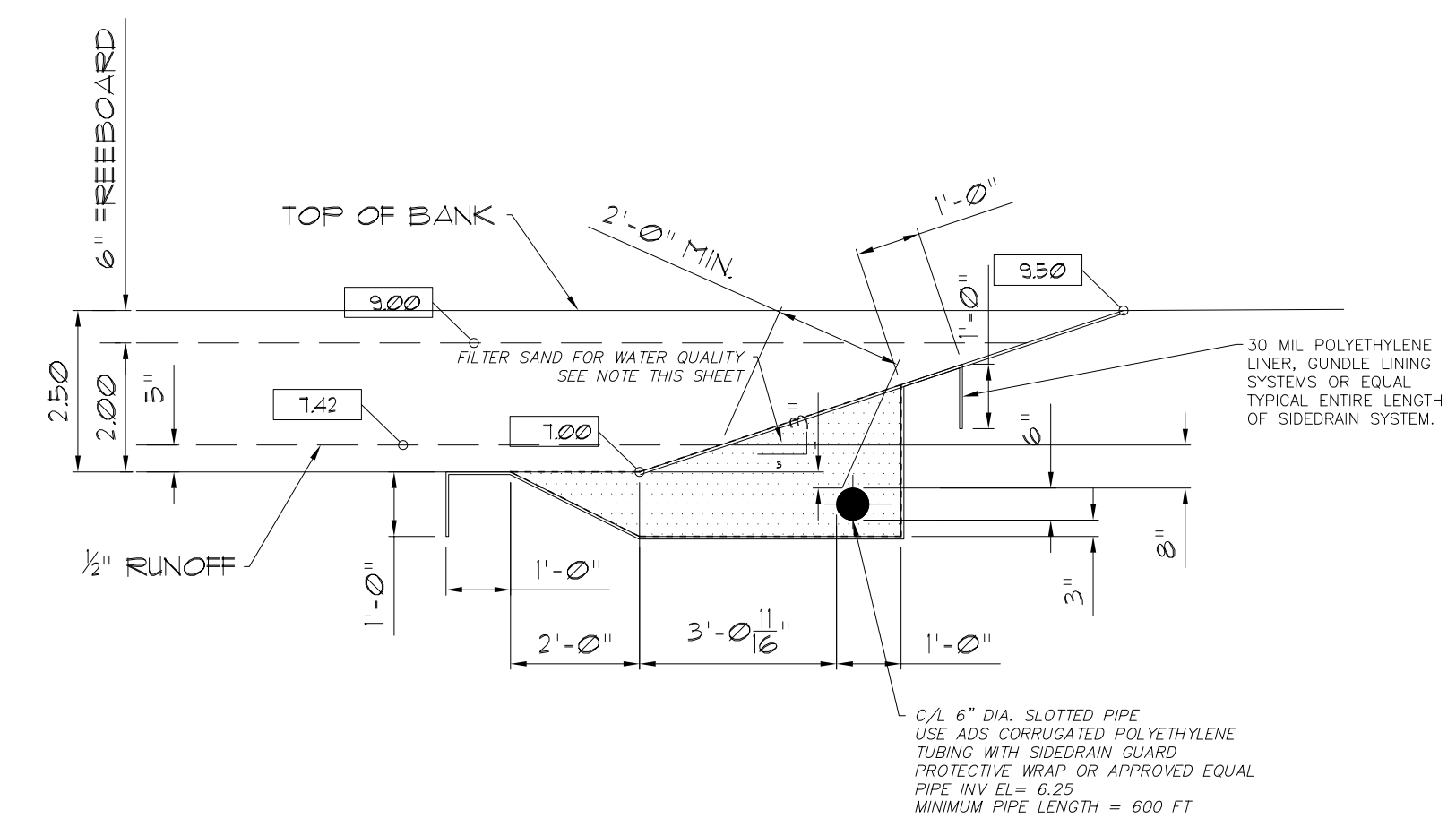
D
POND CROSS SECTION
SCALE: 3/8" = 1'-0"



TYP. PERIMETER BERM
CROSS SECTION
SCALE: 3/8" = 1'-0"



E
OUTFALL STRUCTURE
SCALE: 3/8" = 1'-0"

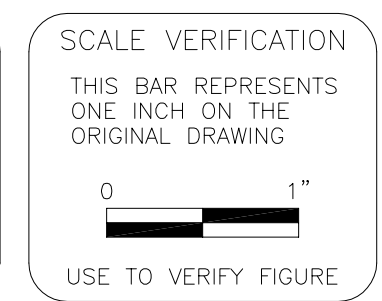


F
SIDE DRAIN DETAIL
SCALE: 3/8" = 1'-0"

- FILTER MATERIAL SPECIFICATIONS:**
1. WASHED MATERIAL SHALL MEET FDOT ROAD AND BRIDGE SPECIFICATIONS FOR SILICA SAND AND QUARTZ GRAVELS, OR MIXTURES THEREOF (LESS THAN 1 PERCENT SILT, CLAY AND ORGANIC MATTER), UNLESS FILTER CLOTH IS USED WHICH IS SUITABLE TO RETAIN THE SILT, CLAY AND ORGANIC MATTER WITHIN THE FILTER.
 2. CALCIUM CARBONATE AGGREGATE IS NOT AN ACCEPTABLE SUBSTITUTE.
 3. UNIFORMITY COEFFICIENT SHALL BE 1.5 OR GREATER AND EFFECTIVE GRAIN SIZE SHALL BE OF 0.20 TO 0.55 MILLIMETERS IN DIAMETER.

LAST REVISION: 03/21/12
LAST PLOTTED: 03/21/12
DRAWING SCALE: 3/8" = 1'
PLOT SCALE: 1=1

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REVISION	DATE	DESCRIPTION	BY	APPROVED

ENGINEER OF RECORD:
AL ANDREANSKY, P.E.
FLA. REG. #39387

DATE SIGNED:

CAD FILE: 11082901ABD
SCALE: 3/8" = 1'-0"

DRAWN BY: A.A.
DATE: 9-27-11

CHECKED BY:
DATE:

APPROVED BY:
DATE:

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PHASE II SYSTEM DETAILS
MARITIME BLVD
TAMPA, FLORIDA

PROJECT No.
11082901.001

SHEET
D3 of 3

TITAN-TPA AGGREGATE UNLOADING FACILITY, TITAN AMERICA, DEERFIELD BEACH, FLORIDA