

NAME: P:\08\013\03\2009 Task Orders\SEMSVA\Task 4 EDB Detail\CAD\08013-EDB.dwg DATE: FEB 25, 2011 TIME: 1:08 PM

REFERENCE:	SCALE:

Standard Plan Revision	
No.	Date

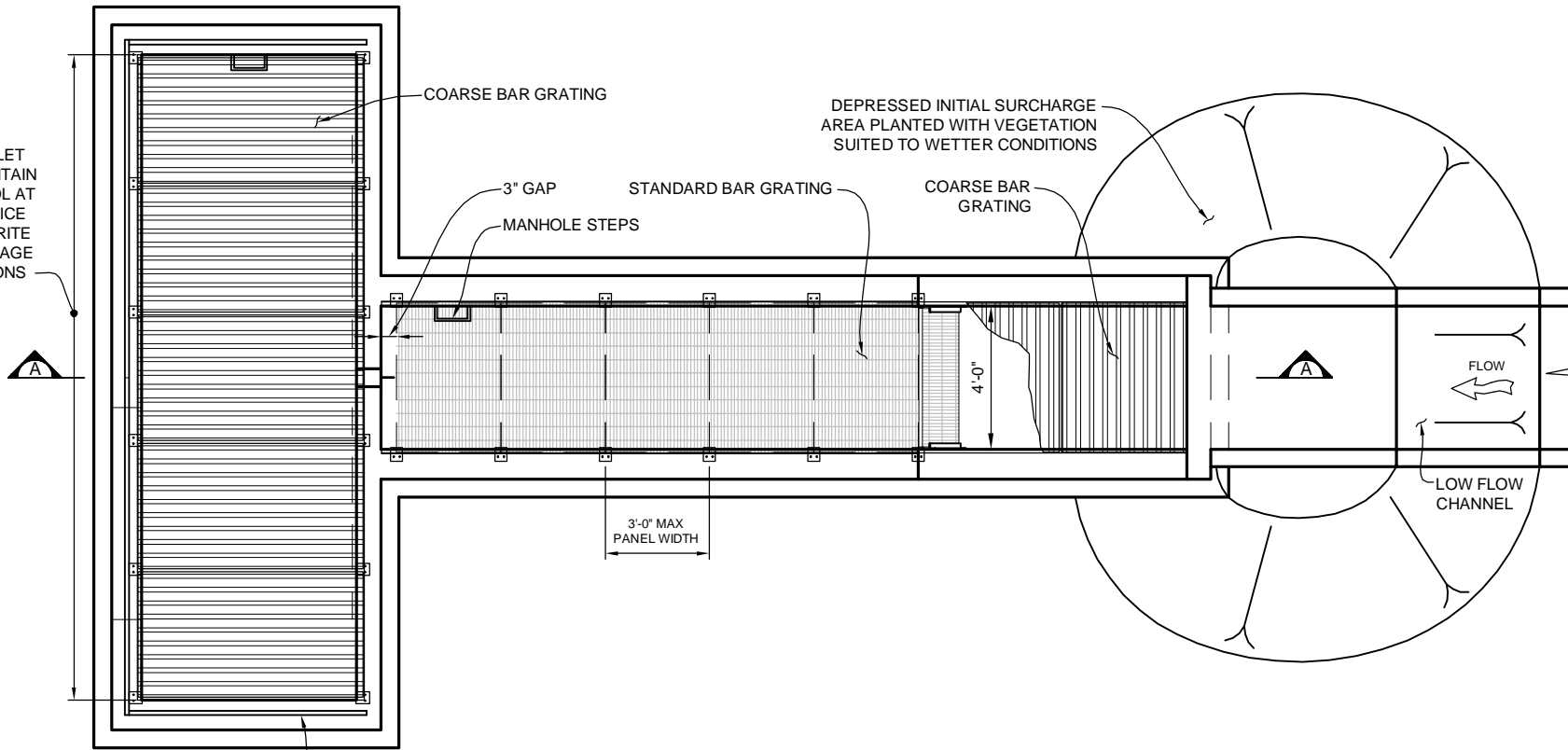


76 INVERNESS DRIVE EAST, SUITE A
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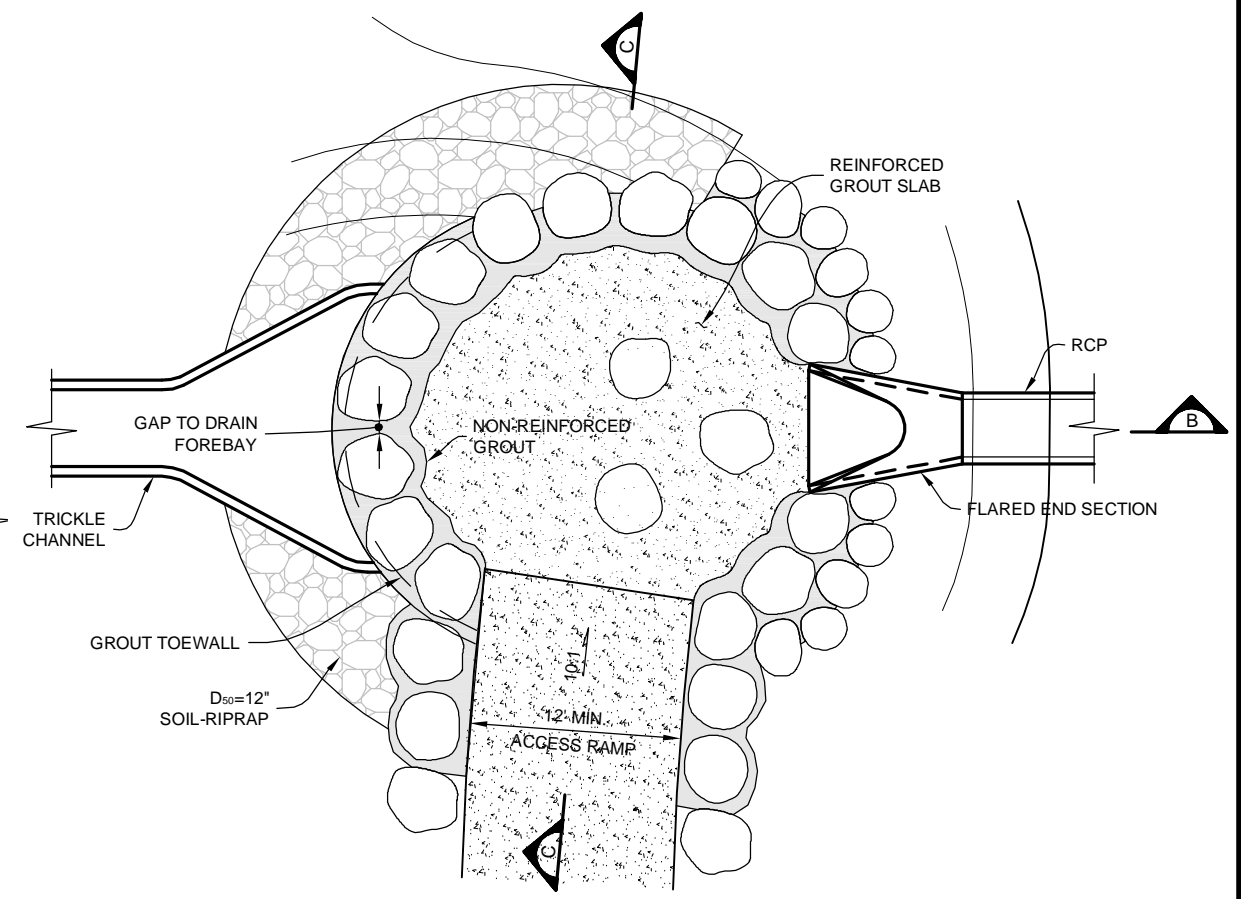
EXAMPLE PLAN
 EXTENDED DETENTION
 BASIN

SHEET
 1 OF 3

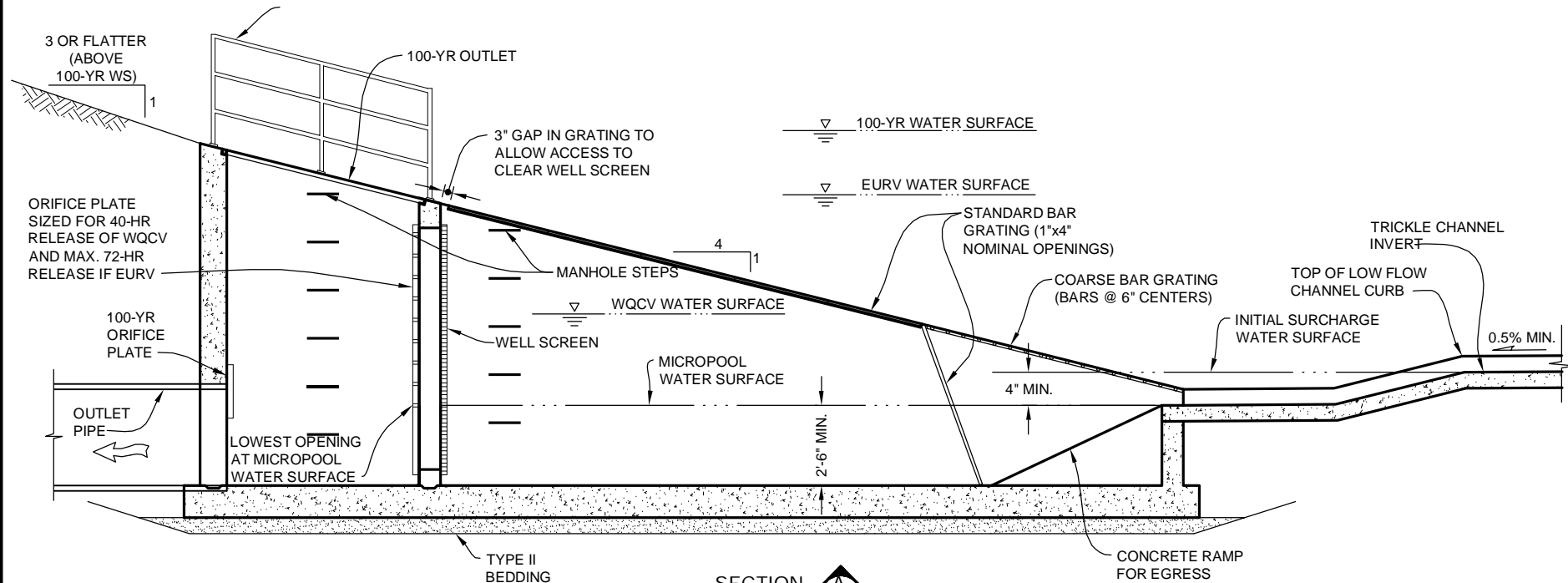
100-YEAR OUTLET
SIZED TO MAINTAIN
FLOW CONTROL AT
100-YEAR ORIFICE
WITH APPROPRIATE
DEBRIS BLOCKAGE
CONSIDERATIONS



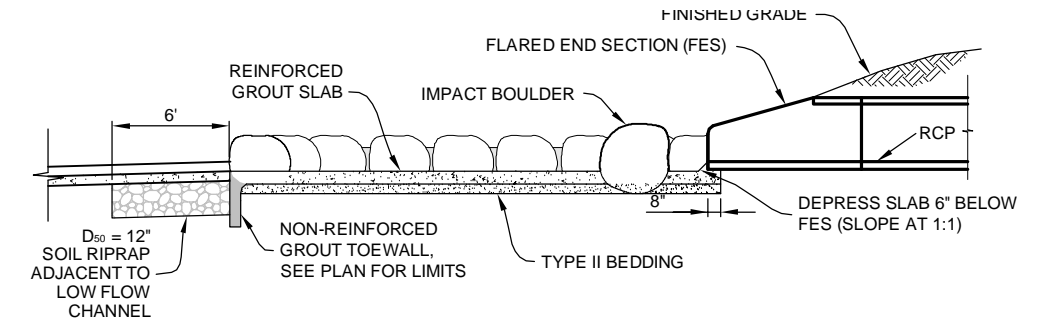
OUTLET STRUCTURE PLAN
SCALE: 1"=5'



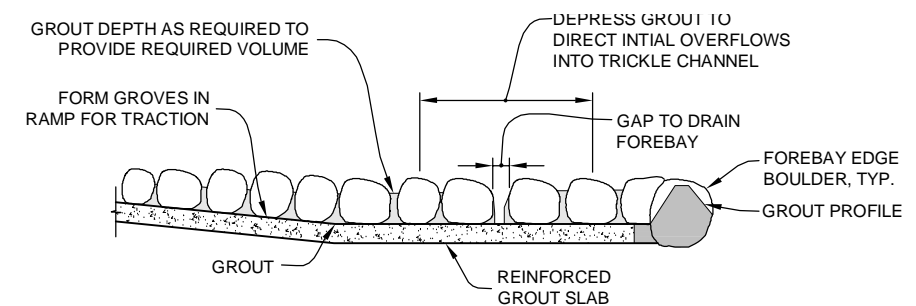
FOREBAY PLAN
SCALE: 1"=10'



SECTION A
SCALE: 1"=5'



SECTION B
SCALE: 1"=10' V
1"=10' H



SECTION C
SCALE: 1"=10'-0"

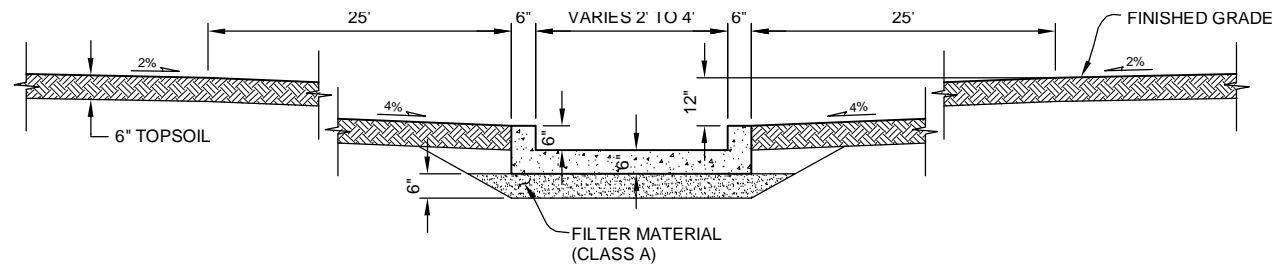
NAME: P:\08\013\03\2009 Task Orders\SENSEVA\Task 4 EDB Detail\CD\08013-EDB.dwg DATE: FEB 26, 2011 TIME: 12:48 PM

REFERENCE:	SCALE:	Standard Plan Revision	
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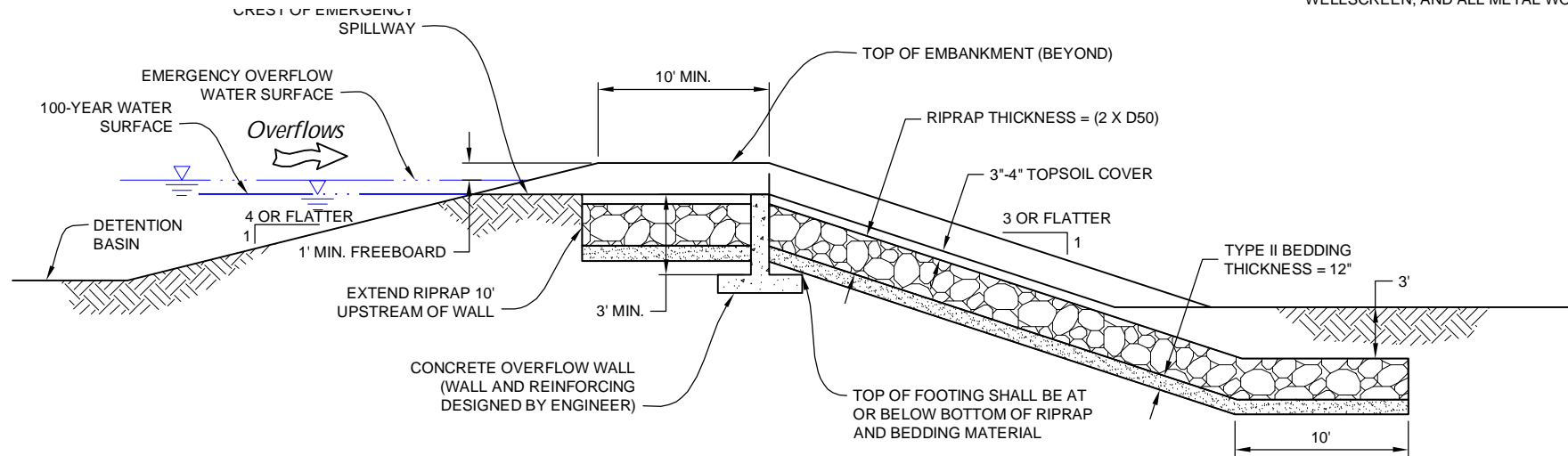
EXAMPLE PLAN
**EXTENDED DETENTION
BASIN**



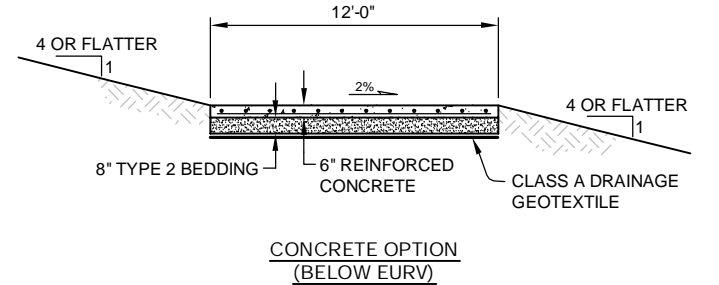
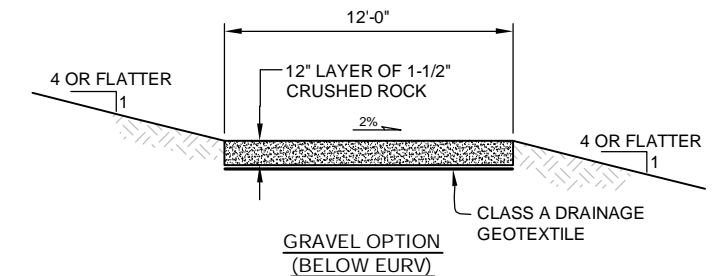
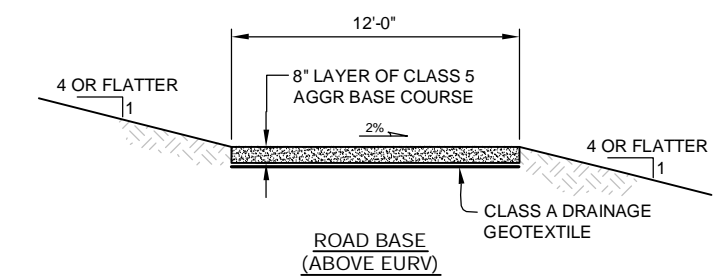
CONCRETE LOW FLOW CHANNEL DETAIL
SCALE: 1" = 4'-0"

NOTES TO DESIGNERS:

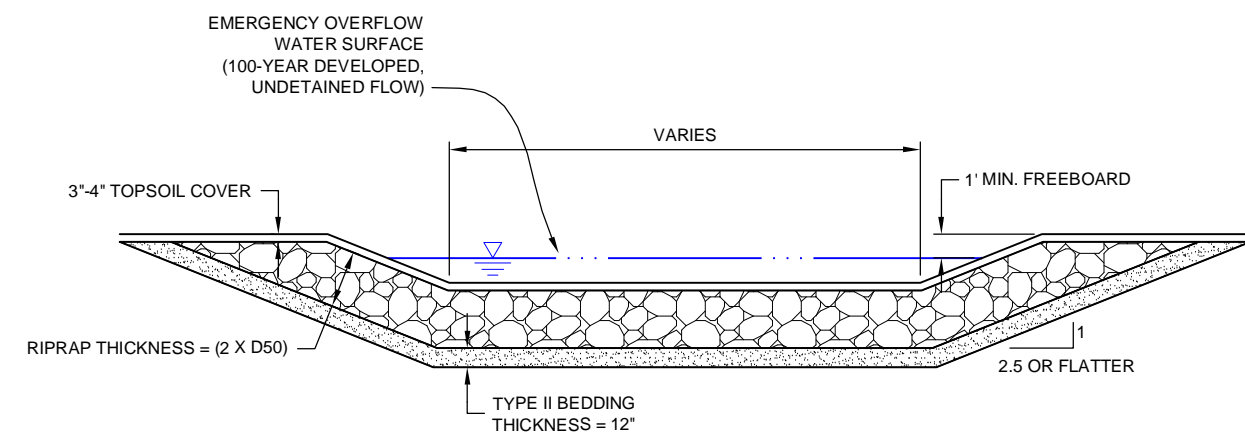
1. EXTENDED DETENTION BASIN MAY PROVIDE WQCV AND FULL-SPECTRUM DETENTION (EURV AND 100-YEAR) IN A SINGLE FACILITY, OR THESE MAY BE SPLIT BETWEEN SEPARATE FACILITIES AS SHOWN IN FIGURE 13-5 OF THE STORMWATER MANAGEMENT MANUAL.
2. HANDRAIL IS RECOMMENDED FOR USE ADJACENT TO COARSE GRATING AND/OR WHERE PEDESTRIAN TRAFFIC IS IN CLOSE PROXIMITY TO THE OUTLET STRUCTURE. IT IS THE RESPONSIBILITY OF THE DESIGN ENGINEER TO DETERMINE WHETHER HANDRAIL IS TO BE USED.
3. WELL SCREEN MAY BE OMITTED IF CONTROL ORIFICES ARE 2.5 INCHES IN DIAMETER OR 2 INCHES SQUARE OR GREATER.
4. IT IS THE RESPONSIBILITY OF THE DESIGN ENGINEER TO SIZE, DESIGN, AND DETAIL ALL EDB STRUCTURES, INCLUDING REINFORCING STEEL GRATING, ORIFICE PLATE, WELLSCREEN, AND ALL METAL WORK CONNECTIONS.



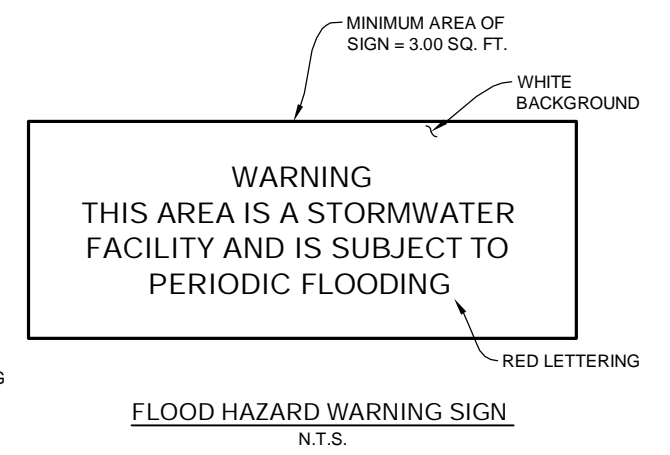
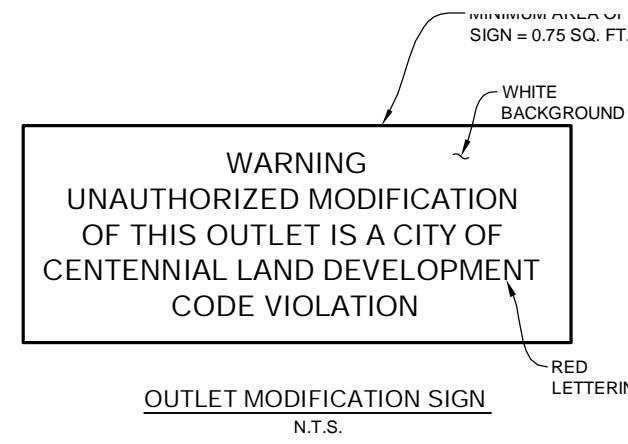
EMERGENCY SPILLWAY PROFILE
SCALE: 1" = 10'-0"



MAINTENANCE ROAD DETAILS
SCALE: 1" = 8'-0"



**EMERGENCY SPILLWAY SECTION
(AT CREST AND ON DOWNSTREAM SIDE
OF EMBANKMENT)**
SCALE: 1" = 10'-0"



SIGNAGE NOTES:

1. OUTLET MODIFICATION SIGN SHALL BE ATTACHED TO OR POSITIONED NEARBY ALL EDB OUTLETS.
2. TWO (2) FLOOD HAZARD WARNING SIGNS SHALL BE PROVIDED AROUND THE PERIMETER OF THE POND.

NAME: P:\08-2013\03-2009 Task Orders\SENSEVA\Task 4 EDB Detail\CD\EX/AM/PL/0813-EDB.dwg DATE: FEB 23, 2011 TIME: 9:53 AM

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EXAMPLE PLAN
**EXTENDED DETENTION
BASIN**

**SHEET
3 OF 3**