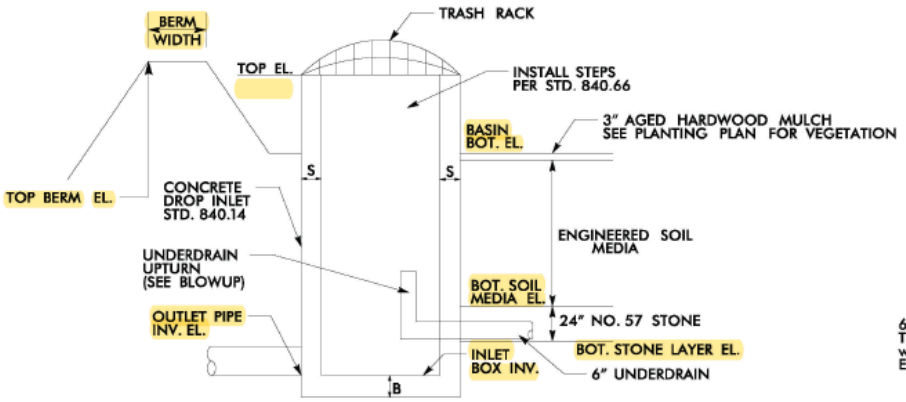
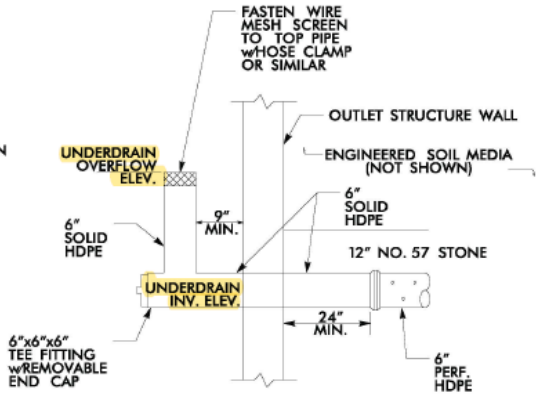
DETAIL 3–46
BIORETENTION BASIN
OUTLET CONTROL STRUCTURE



BIORETENTION BASIN OUTLET STRUCTURE DETAIL

N.T.S.



UNDERDRAIN UPTURN BLOWUP

N.T.S.

NOTES:
1. PROVIDE WATER TIGHT CONNECTIONS USING WATERSTOP OR COMPRESSION GASKET APPROVED BY ENGINEER ON ALL OUTLET STRUCTURE PENETRATIONS.
2. INSTALL STEPS IN ACCORDANCE WITH STD. 840.66
3. FOR UNDERDRAIN, USE SOLID (NON–PERFORATED) PIPE THROUGH STRUCTURE WALL AND EXTEND 2 FT. MIN. INTO NO. 57 STONE LAYER.
4. SEE ENGINEERED SOIL MEDIA DETAIL SHEET 2–A.
5. SEE DETAIL THIS SHEET FOR UNDERDRAIN UPTURNED ELBOW / OVERFLOW.
6. NO BEDDING MATERIAL TO BE USED. THEREFORE, DO NOT FOLLOW STANDARD DRAWINGS FOR METHOD OF PIPE INSTALLATION FOR OUTLET PIPE THROUGH EMBANKMENT.
7. ENSURE TRASH RACK OPENS FREELY AND WITHOUT INTERFERENCE

STATION	STR. #	S (Inches)	B (Inches)	TOP BOX EL.	CTL. STR. DIMENSIONS			TOP BERM EL.	TOP BERM WIDTH	BASIN BOTTOM EL.	BOTTOM SOIL MEDIA EL.	BOTTOM STONE EL.	UNDERDRAIN INVERT	UNDERDRAIN OVERFLOW EL.	BOX / OUTLET PIPE INVERT
					W	L	H								
–Y22SEC3–94+00 RT	5804	6"	18"	198	5'	5'	5.25'	201	10'	197	194.75	192.75	192.75	195.75	192.75