Sample Plan

DRAINAGE DETAILS ----- NARRATIVE

References:

Design Scene:

Chapter 12 - Drainage

Technical Manual: Culvert Treatments 5-292.510 thru 5-292.516

Drainage Manual

Miscellaneous.:

Metro District's Electronic Details Library

Design Standards Office's Electronic Details Library pw:\OTS\DesignStandards\DesignDetails\

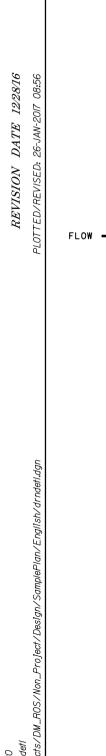
General Information:

Examples of drainage details could include the following: ponds, hydraulic control structures, skimmers, culvert treatments, drainage structures in shoulders used as bus lanes, safety grates and trash guards.

Sample Plan

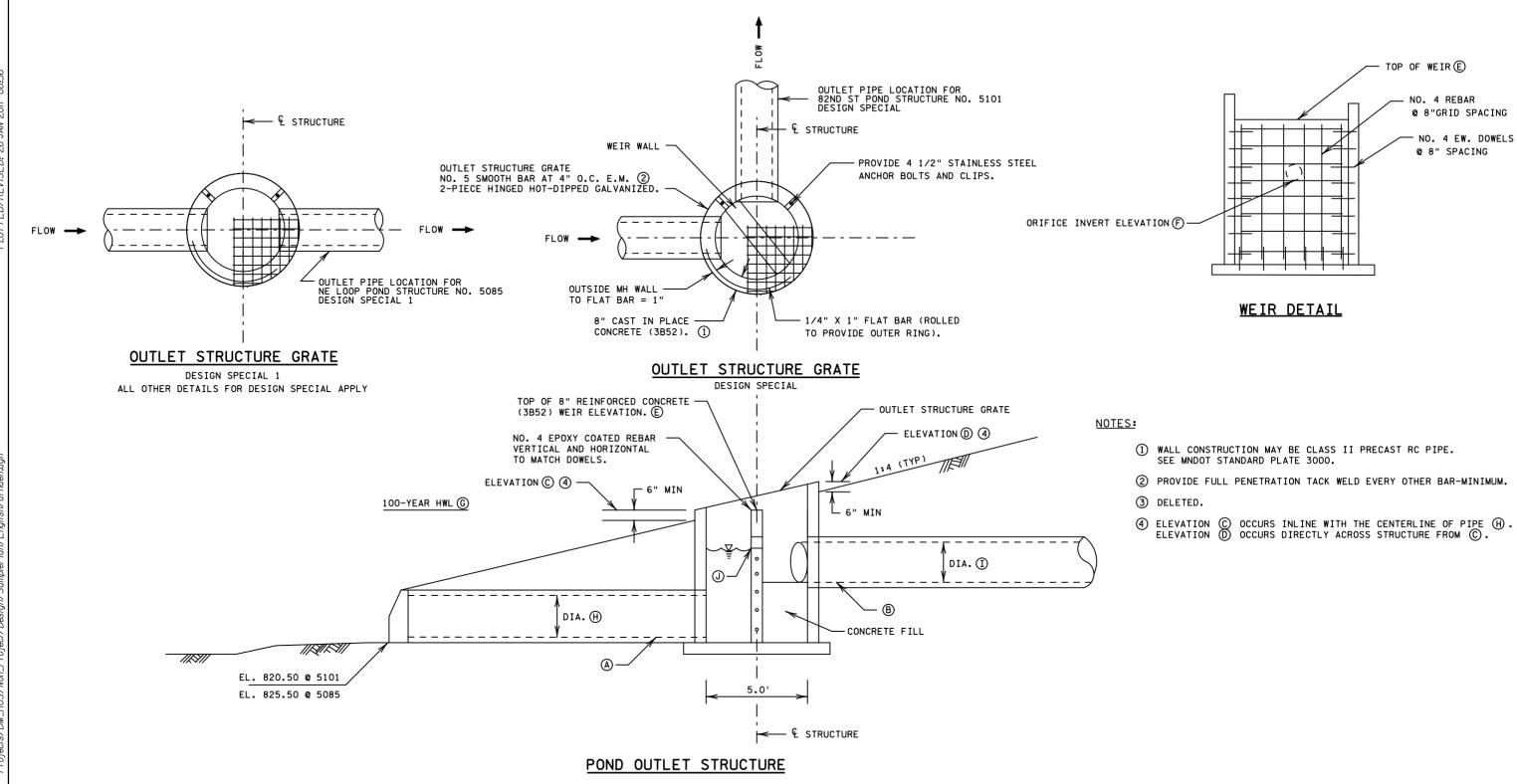
DRAINAGE DETAILS ----- CHECKLIST

1.	If a concrete collar is needed, provide Standard Plate No. 4026
2.	Special details (trash guard, special structures, skimmers, weirs, 1:10 safety aprons, safety grates, etc.) – indicate location where each detail is used
3.	Details showing typical berms or ditch blocks if appropriate
4.	Drawn by: and Checked by: Initials and Engineer's signature





DRAWN BY: CT



POND OUTLET STRUCTURES													
DRAINAGE STRUCTURE DESIGN	STRUCTURE NO.	LOCATION	INLET ELEVATION (A)	OUTLET ELEVATION B	OVERFLOW ELEVATION ©	TOP OF STRUCTURE	WEIR CREST (E)	ORIFICE INVERT ELEVATION	100-YEAR HWL. ©	INLET DIAMETER (H)	OUTLET DIAMETER ①	ORIFICE DIAMETER	POSITIVE OVERFLOW ELEVATION
DESIGN SPECIAL	5101	82ND ST POND	821.50	824.34	826.40	827.60	825.70	824.50	826.53	24"	24"	8"	824.50
DESIGN SPECIAL 1	5085	NE LOOP POND	826.01	828.43	830.00	831.50			830.46	24"	24"		828.43

POND OUTLET STRUCTURES DESIGN SPECIAL **DESIGN SPECIAL 1**

DRAINAGE DETAILS

CHECKED BY: HS

CERTIFIED BY

LIC. NO. <u>00000</u> DATE <u>02/01/10</u>

STATE PROJ. NO. 0000-00 (T.H. 00) SHEET NO. 73 OF 84 SHEETS