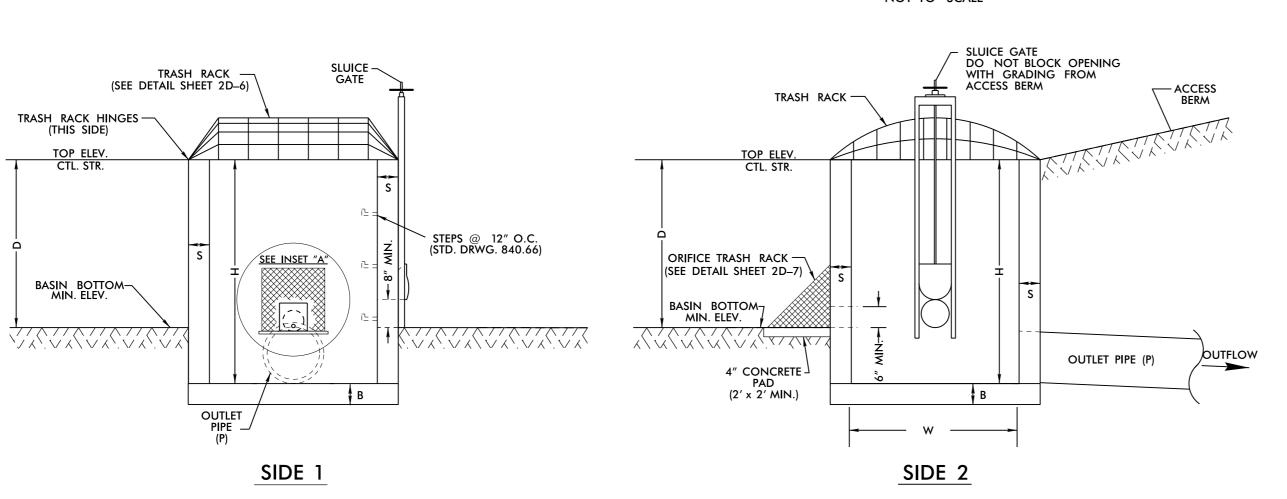
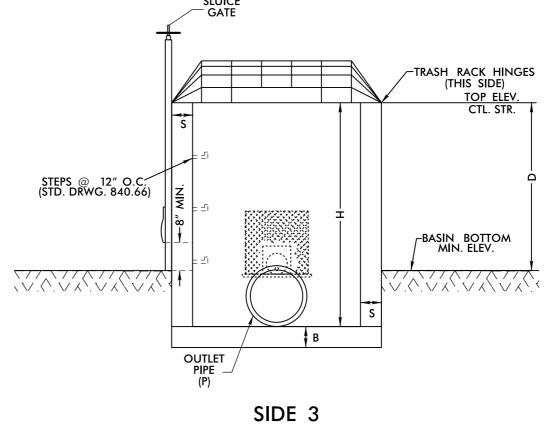
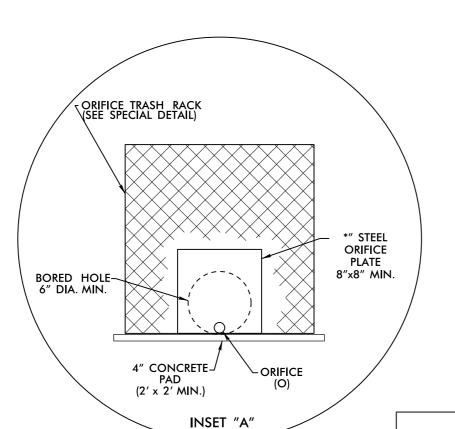
DETAIL K

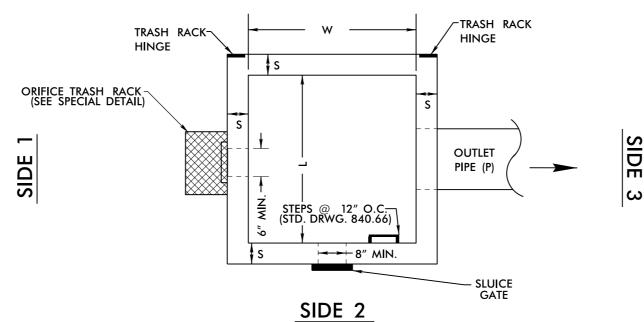
DRY DETENTION BASIN DRAWDOWN STRUCTURE

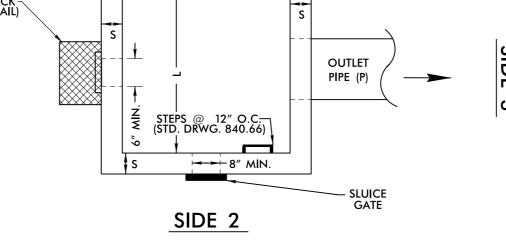
NOT TO SCALE











PLAN VIEW TRASH RACK NOT SHOWN FOR CLARITY

- 1. TOP ELEVATION OF CONTROL STRUCTURE (WEIR ELEVATION) SHOULD BE SET AT THE WQv ELEVATION.
- 2" MINIMUM DIAMETER ORIFICE. IF ORIFICE IS GREATER THAN 6", A STEEL PLATE IS NOT REQUIRED.
- 3. NO BEDDING MATERIAL TO BE USED. THEREFORE, DO NOT FOLLOW STANDARD DRAWINGS FOR METHOD OF PIPE INSTALLATION FOR OUTLET PIPE THROUGH EMBANKMENT.
- 4. SLUICE GATE IS FOR MAINTENANCE AND SHOULD REMAIN CLOSED DURING NORMAL OPERATION. A GATE VALVE MAY BE
- USED IN LIEU OF THE 8" SLUICE GATE. 5. SLUICE GATE SHALL PROVIDE WATERTIGHT SEAL. PROVIDE
- ADEQUATE CLEARANCE FOR GATE OPERATION AND FOR PROPER
- SEATING OF GATE OVER PIPE. 6. SELECT BOX STANDARD AS REQUIRED TO ACCOMMODATE SLUICE GATE
- AND ORIFICE TRASH RACK WIDTH. 7. ENSURE TRASH RACK OPENS FREELY AND WITHOUT INTERFERENCE WITH
- 8. ADJUST FOOTER DIMENSIONS AS NEEDED FOR ANTI-FLOTATION.
- 9. THE REBAR TRASH RACK AND ORIFICE TRASH RACK ARE INCIDENTAL ITEMS TO THE DRAWDOWN STRUCTURE.

MINIMUM DIMENSIONS FOR DRY DETENTION BAS								DRAWDOWN	STRUCTURE		
STATION	STRUCTURE NUMBER	S (INCHES) 6" MIN.	B (INCHES) 6" MIN.	BASIN BOTTOM MINIMUM ELEV.	TOP ELEVATION CONTROL STRUCTURE	MAX. STORAGE DEPTH(D) FEET	INV. ELEV. CTL. STR.	CTL. STR. DIMENSIONS (W x L x H)	ORIFICE DIAMETER (O) INCHES	ORIFICE INV. ELEV.	OUTLET PIPE DIAMETER(P) INCHES
LPB 17+50 RT	655	8	12	957.50	960.50	3.0	956.00	4 X 4 X 4.5	2	957.50	30
L 907+00 RT	1514	8	12	1036.50	1039.00	2.5	1034.00	4 X 4 X 5	2	1036.50	30