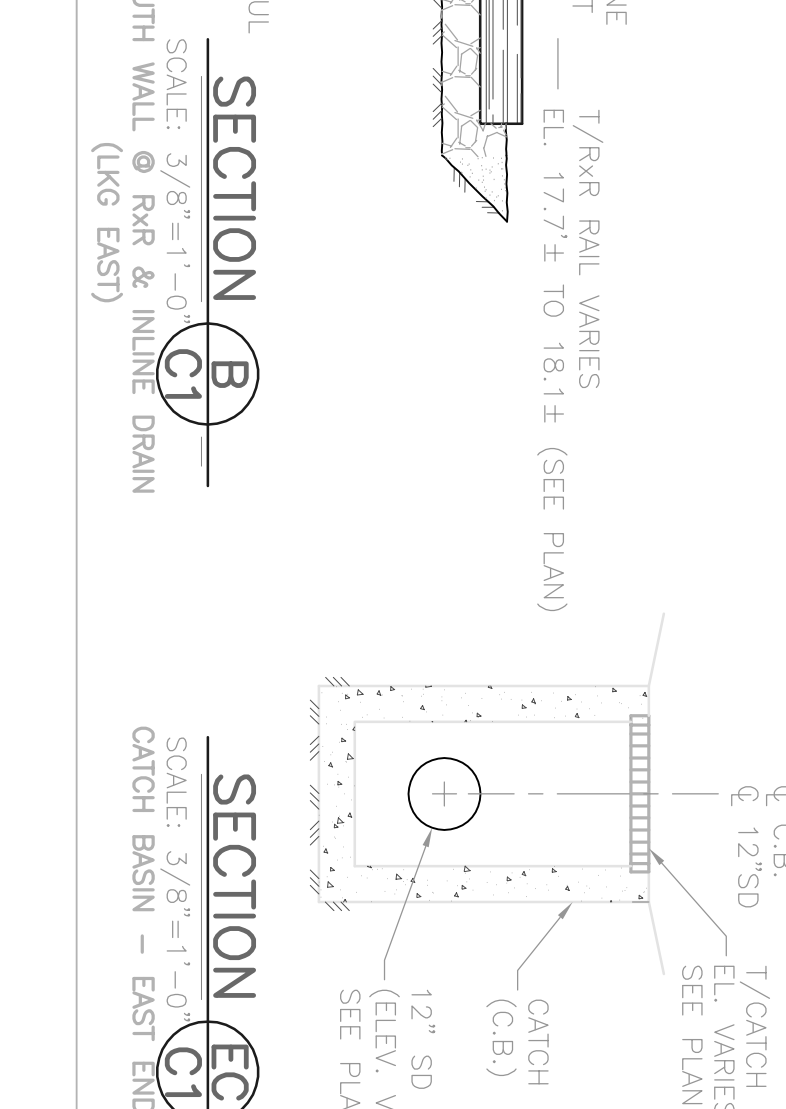
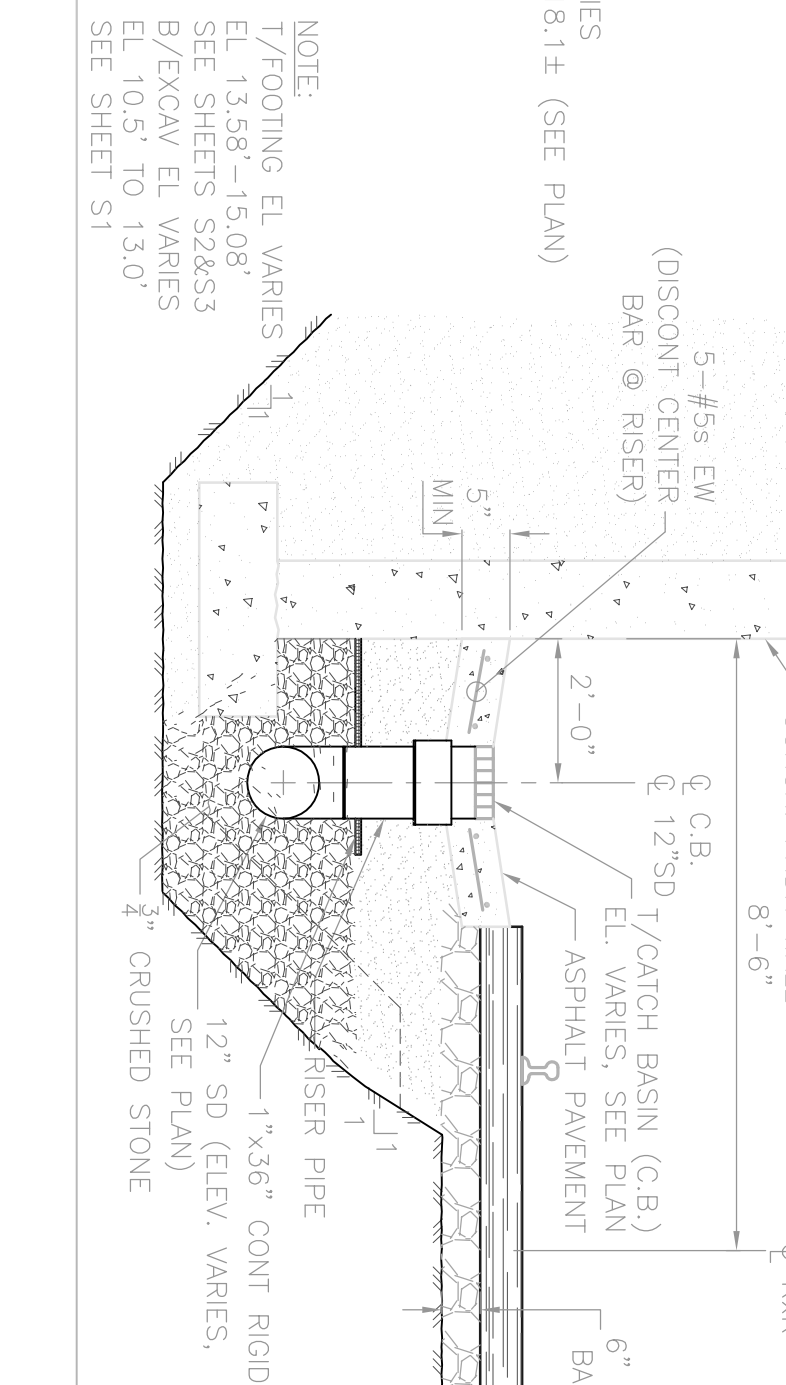
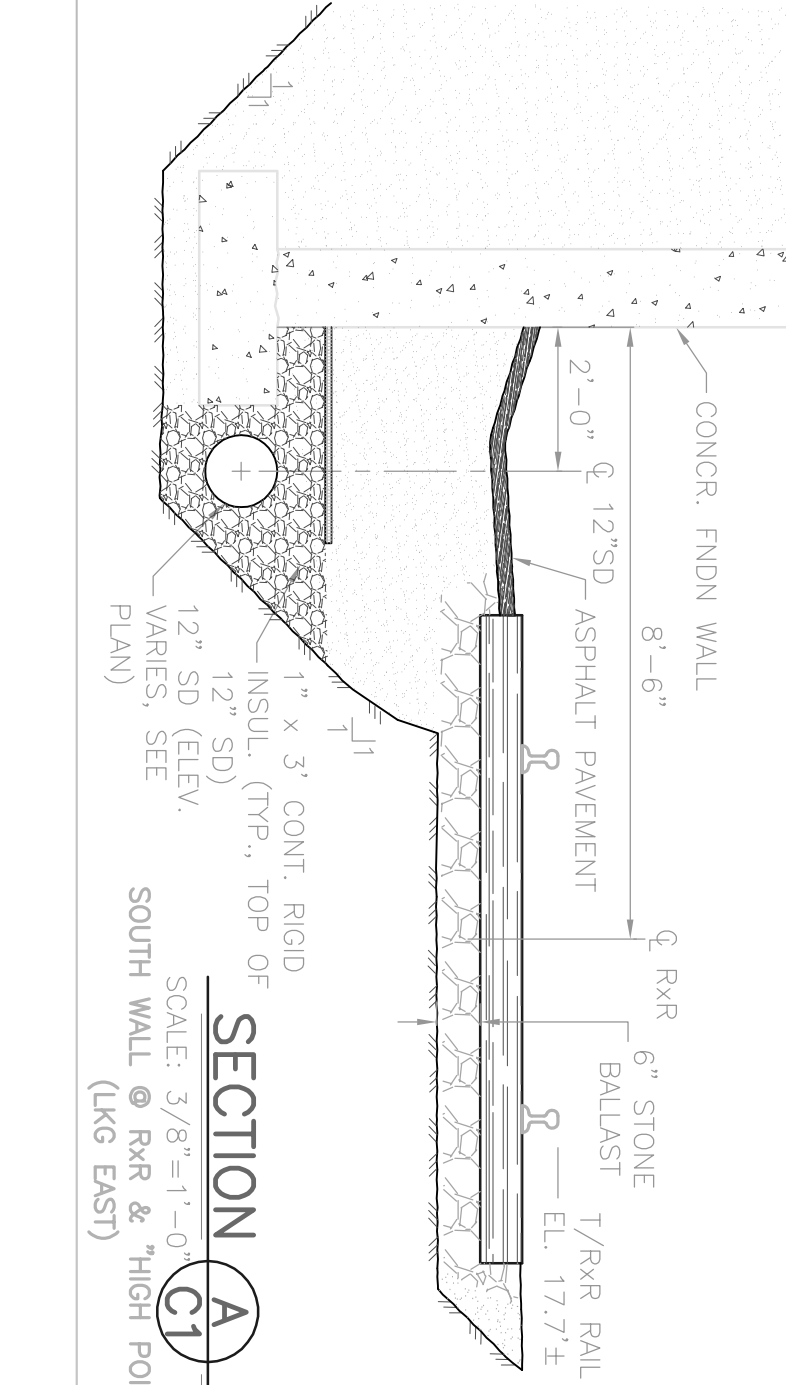


- NOTES:**
1. UD = 6" FOOTING UNDERDRAIN PIPE (FOOTING LEVEL).
 2. 12" SD = 12" STORM DRAIN PIPE. INVERT ELEVATIONS AS NOTED. DISCHARGE INTO VORTEX CATCH BASIN AS SHOWN.
 3. CBV = TOP OF VORTEX CATCH BASIN (GRATE). RAISE TO ELEVATION 13.77'
 4. RAISE MANHOLE RIM ELEVATIONS AS REQUIRED TO MATCH PROPOSED GRADING.
 5. EXISTING CONCRETE BLOCK WALL TOP ELEVATIONS ARE TYPICALLY MORE THAN 6 INCHES ABOVE PROPOSED GRADING.
 6. REARRANGE EXISTING CONCRETE BLOCKS TO PROVIDE STEPS (2 MAX) AT ABRUPT GRADE CHANGES. TOP OF BLOCKS SHOULD BE 6" (OR MORE) ABOVE PAVEMENT LEVEL. ASPHALT SEAL JOINTS AGAINST WATER SEEPAGE.
 7. REFER TO OWEN HASKILL'S "TOPOGRAPHIC SURVEY OF DANFORTH STREET, PORTLAND, MAINE, MADE FOR MERRILL INDUSTRIES, INC.", REV. 3, DATED 11-23-04, FOR LOCATION AND BEARING OF EASEMENT LINE AND DETAILS.



NO.	DATE	BY	DESCRIPTION
1	4/23/05	RG	FOR CONSTRUCTION
2	2/21/05	RG	CONSTRUCTION BID SET
3	1/14/05	RG	PERMIT PLAN
4			DESCRIPTION

WORK: MERRILL MARINE TERMINAL
MERRILL INDUSTRIES, RUBB BUILDING VIII

SCALE: AS SHOWN

DATE: 6/24/04

DRAWN BY: BWM

DESIGN BY: RG

SHEET: C1 OF 1

PROJECT: FACILITIES, GRADING, & DRAINAGE

COMPANY: GAGNON ENGINEERING INC.
198 MAIN STREET
GORHAM, MAINE 04038

JOB NO.: 407

