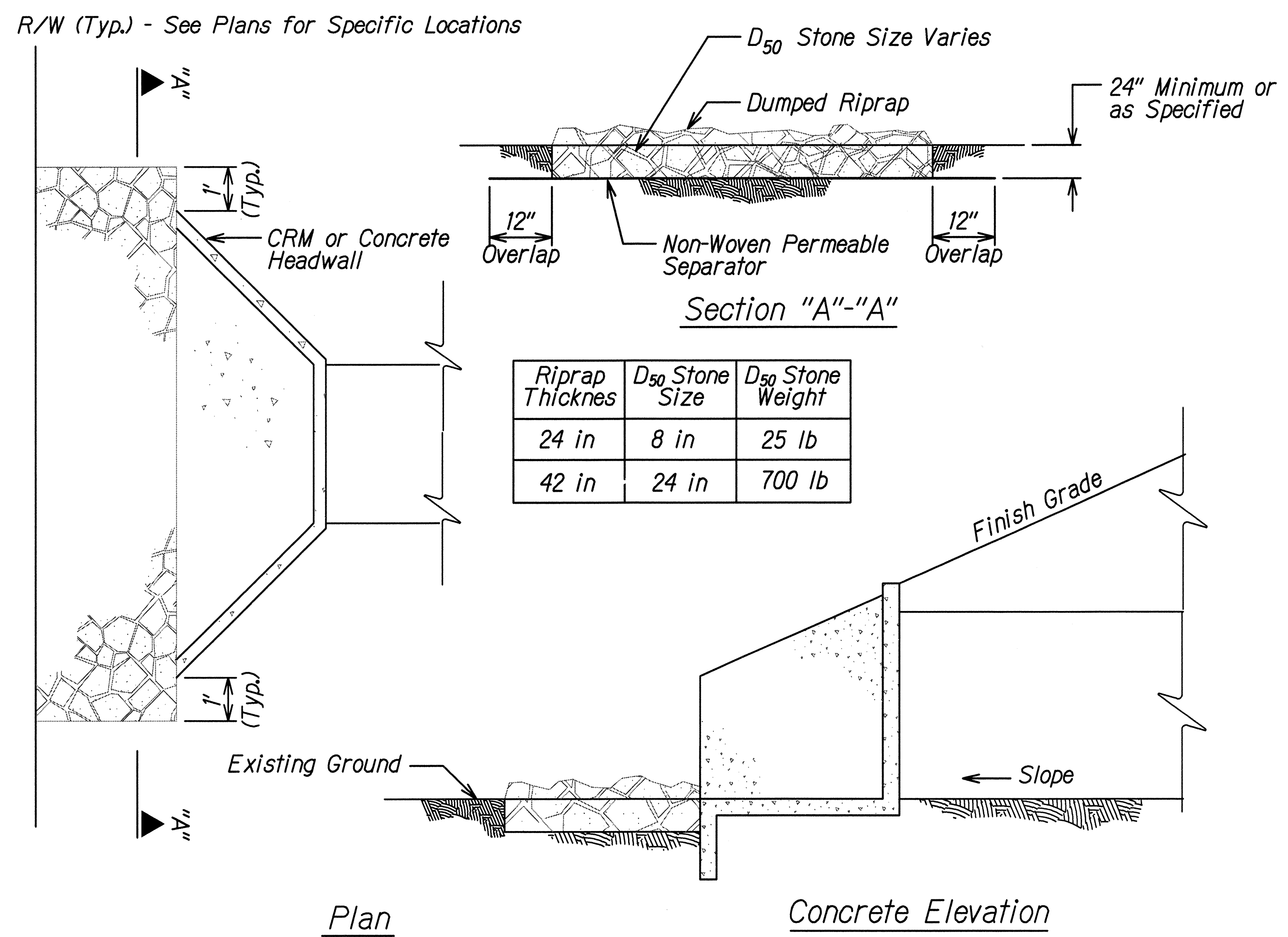
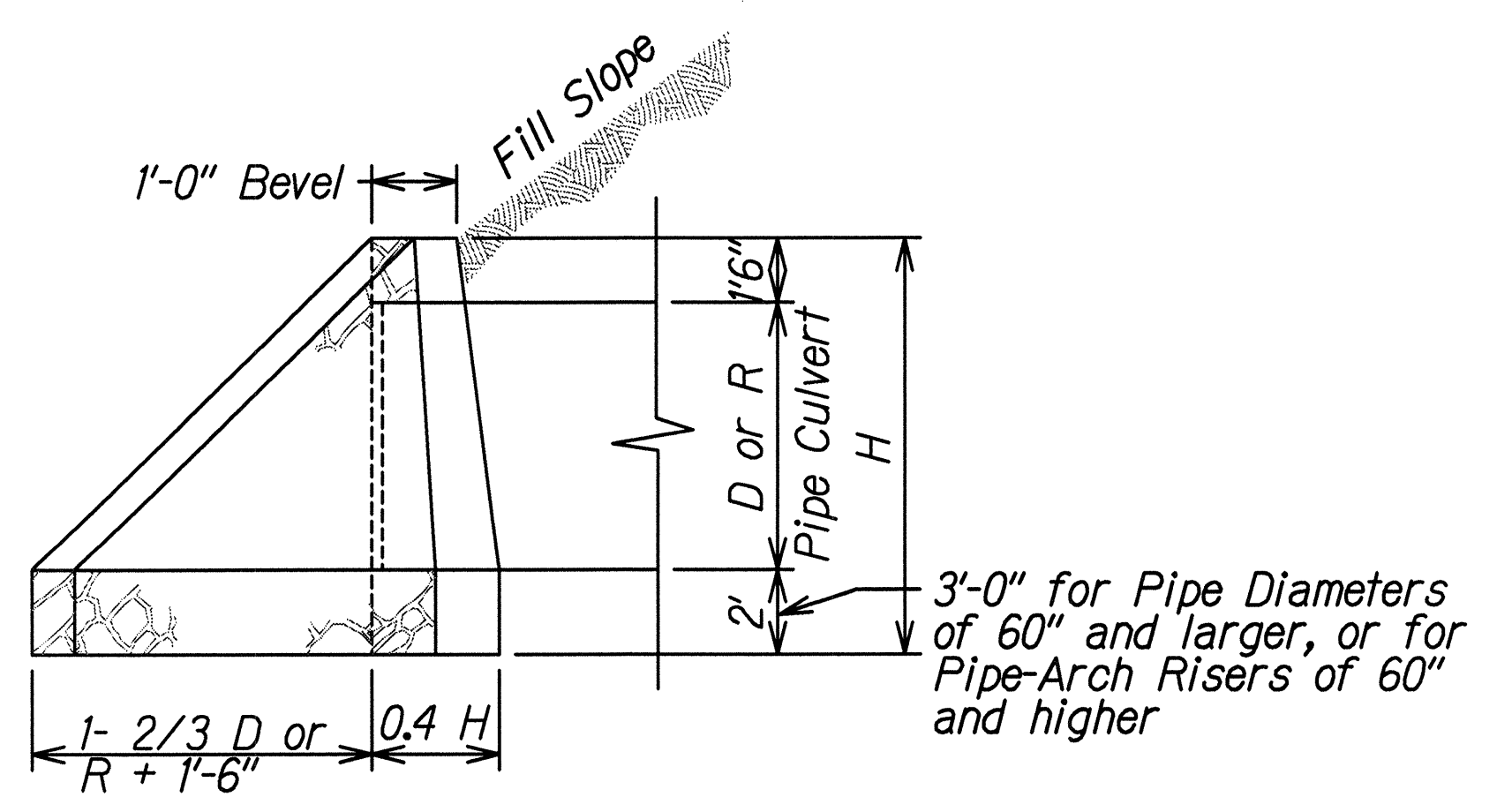


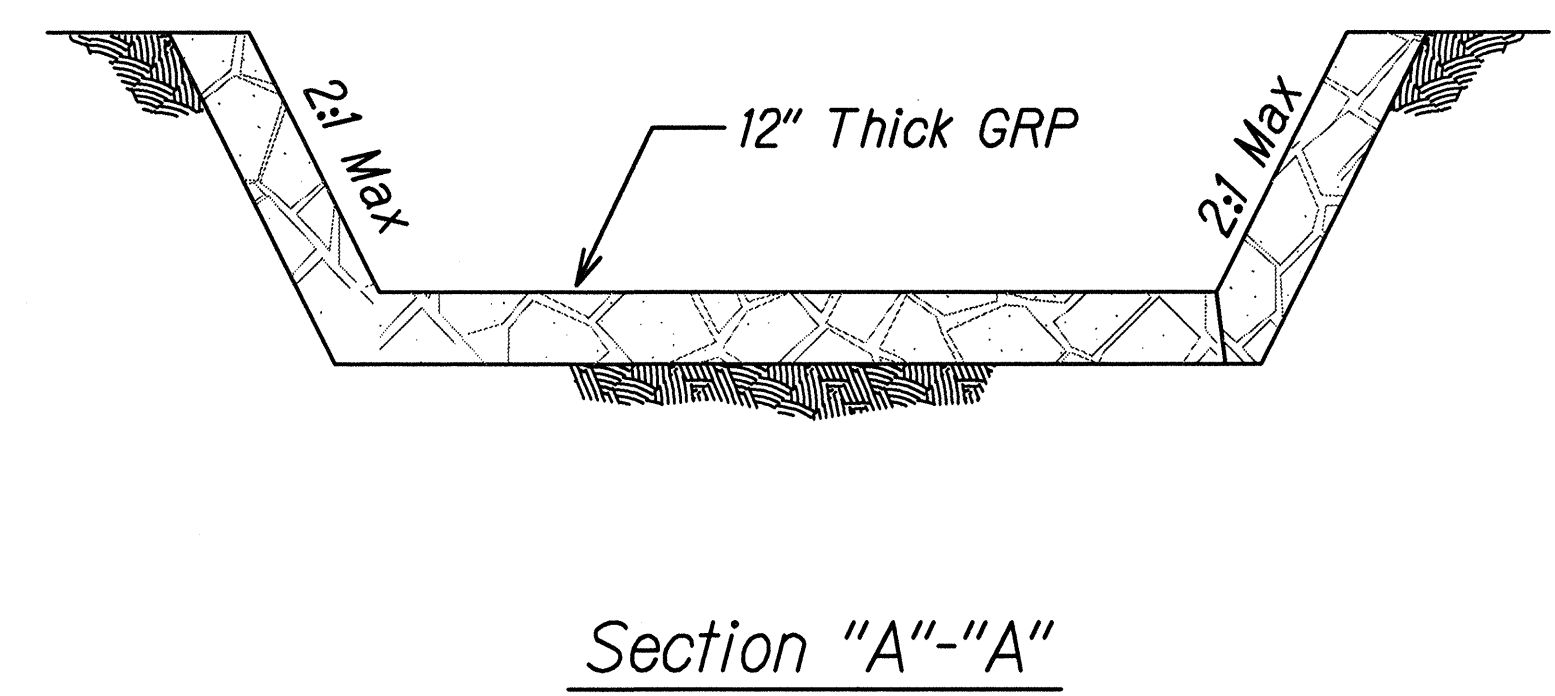
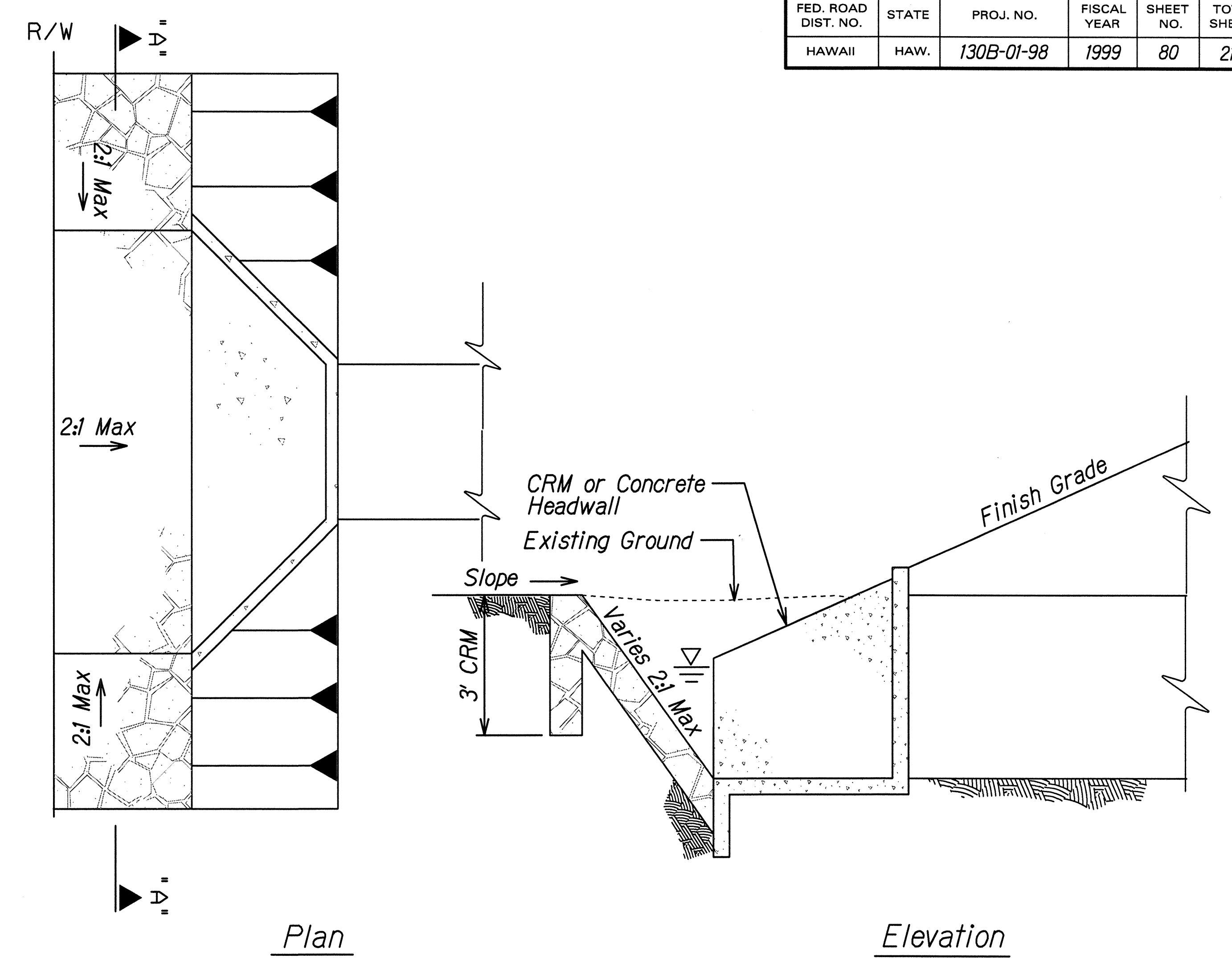
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	80	210



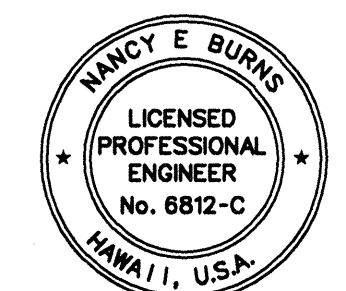
RIPRAP APRON AT CULVERT OUTLET
N.T.S.



H-16 CRM SIDE ELEVATION
SCALE: N.T.S.



GRP PAVED APRON AT CULVERT INLET
N.T.S.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Nancy E. Burns

DATE: 8/24/98

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**RIPRAP & GRP APRON
DETAILS**

KEA'AU-PAHOA ROAD VIC. OF KEA'AU
TOWN (KEA'AU BYPASS ROAD), PH. 2

PROJECT NO. 130B-01-98

Scale: NTS Date: August, 1998

SHEET No. 1 OF 1 SHEETS