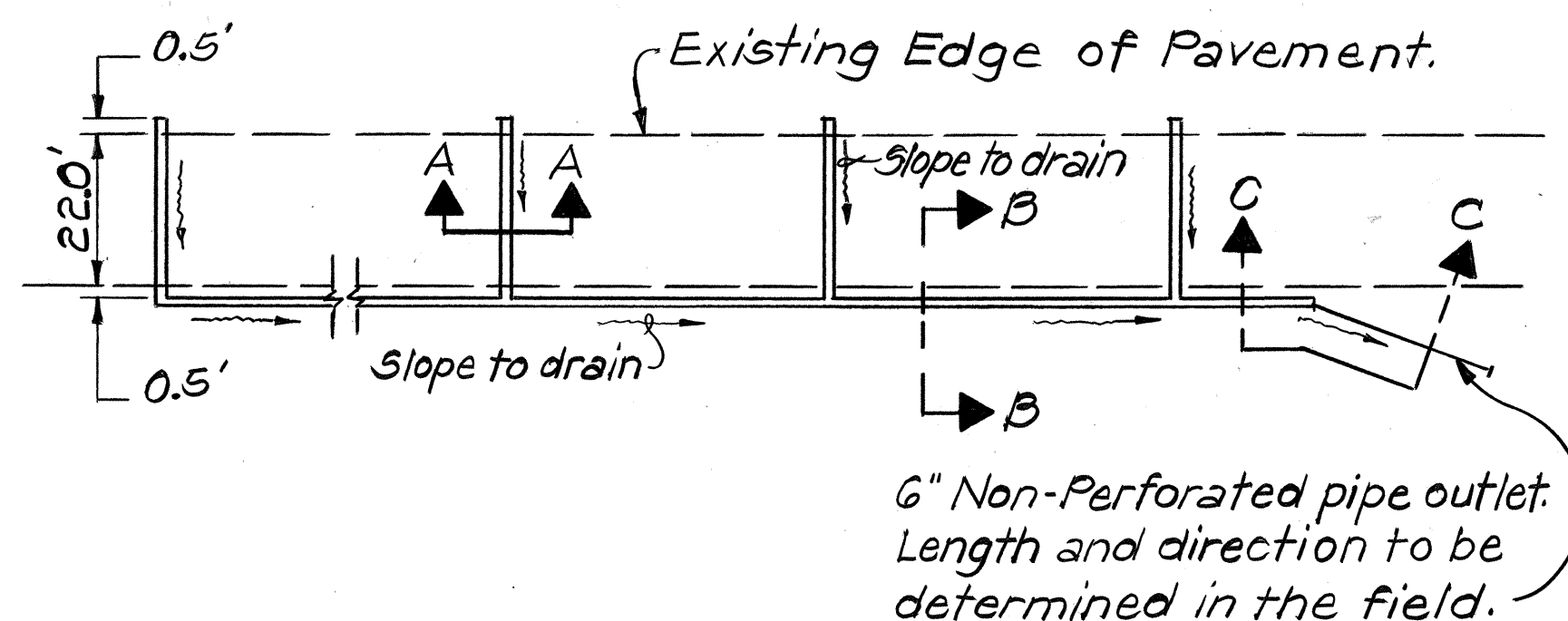


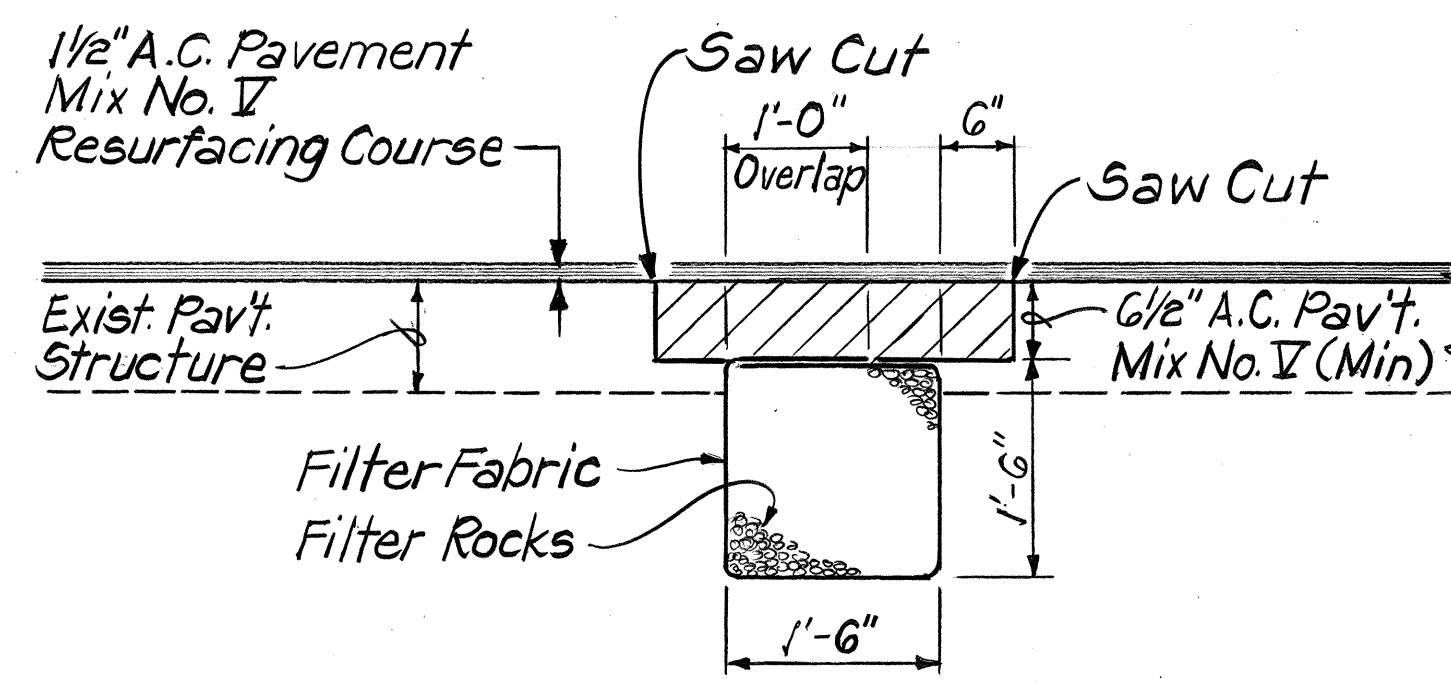
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-86M	1986	5	9

GENERAL NOTES FOR FILTER FABRIC UNDERDRAIN

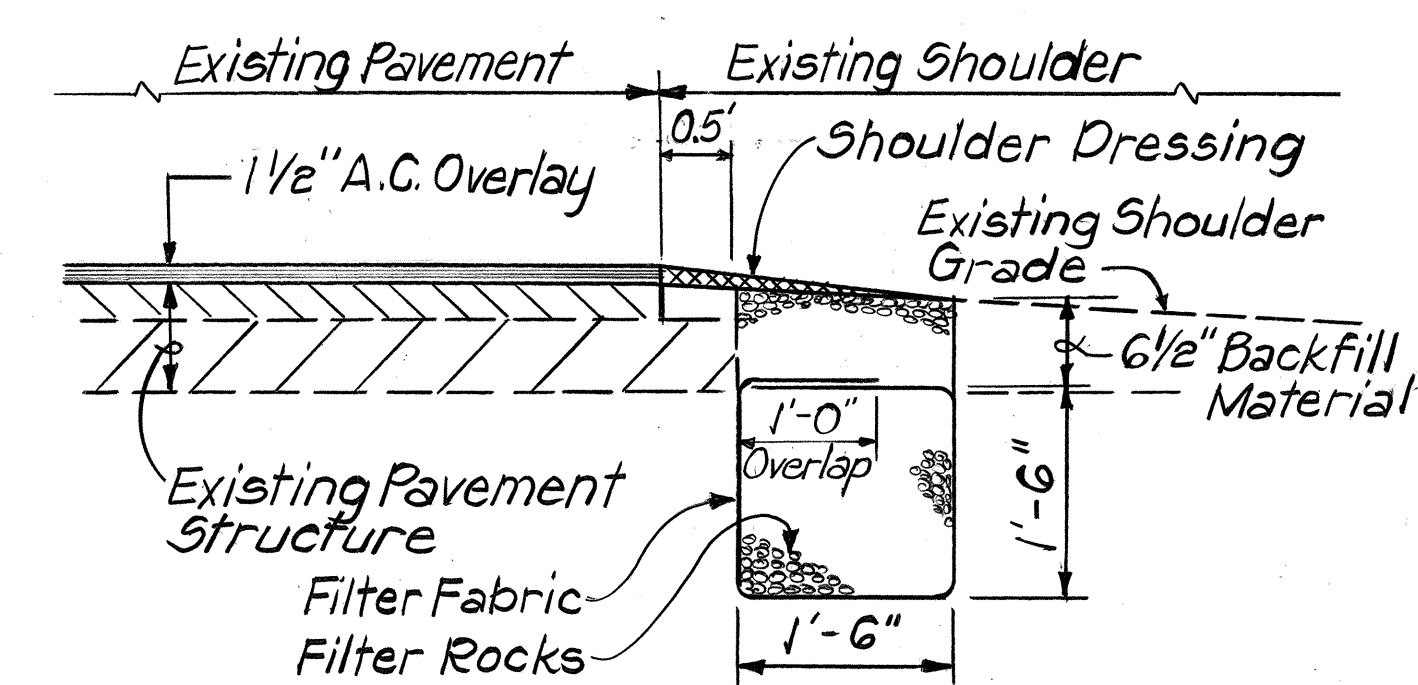
1. Typical Section of Longitudinal and Transverse Filter Fabric Underdrain are identical.
2. Longitudinal and Transverse Filter Fabric Underdrain shall be constructed as shown on the plans and/or as directed by the Engineer.
3. Filter Fabric Underdrain shall be constructed 8" below top of new A.C. Pavement or existing ground as shown on the plans or directed by the Engineer.
4. The exact location and length of non-perforated underdrain pipe shall be determined by the Engineer. The excavating, backfilling, furnishing and installing of the non-perforated underdrain pipes will not be measured and paid for separately, but shall be considered incidental to Filter Fabric Underdrain.
5. Restoration of existing pavement shall be paved with 6 1/2" A.C. Pavement, Mix No. V. This work shall be measured and paid according to Section 401 - Asphalt Concrete Pavement.
6. The Filter Fabric Underdrain with the underdrain pipes shall be sloped toward the outlet.



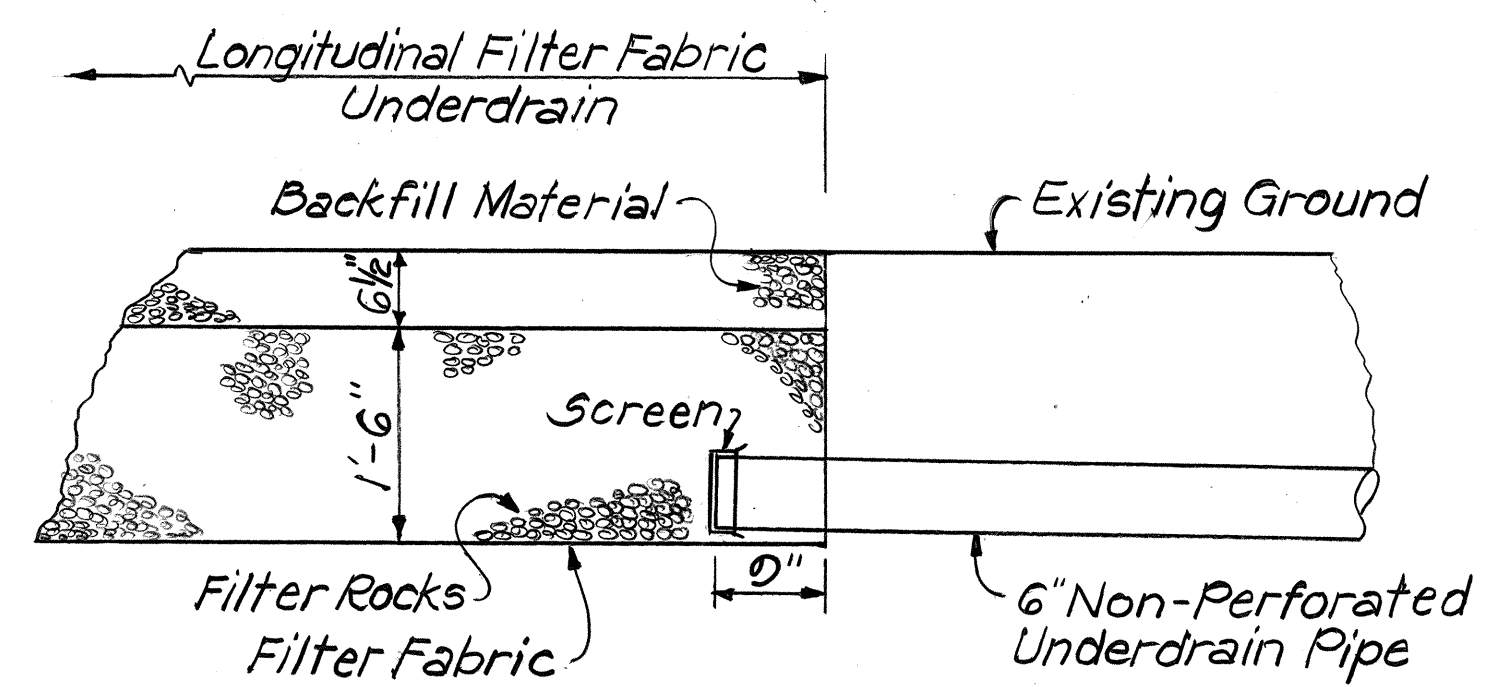
PLAN
FILTER FABRIC UNDERDRAIN INSTALLATION
Not To Scale



SECTION A-A
TYPICAL SECTION OF TRANSVERSE
FILTER FABRIC UNDERDRAIN
Scale: 3/4" = 1'-0"



SECTION B-B
TYPICAL SECTION LONGITUDINAL
UNDERDRAIN
Scale: 3/4" = 1'-0"



SECTION C-C
TYPICAL SECTION OF 6" NON-PERFORATED
UNDERDRAIN PIPE OUTLET
Scale: 3/4" = 1'-0"

DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTED BY	_____
PLANNED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UNDERDRAIN DETAILS

HANA HIGHWAY RESURFACING
Kakipi to Hoolawa
PROJECT NO. 360A-01-86M
Scale: As Noted Date: Feb. 1986
SHEET No. 1 OF 1 SHEETS