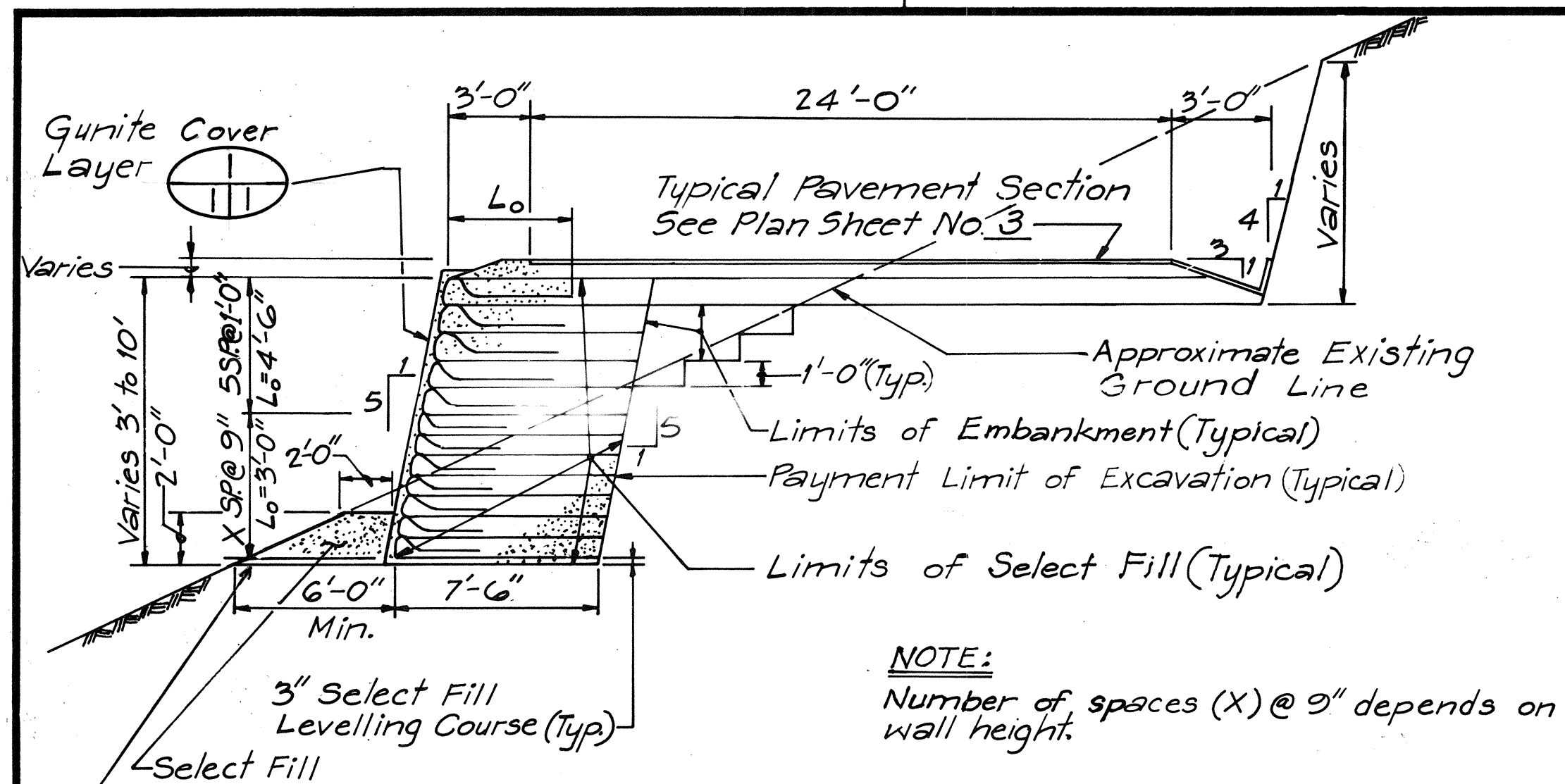
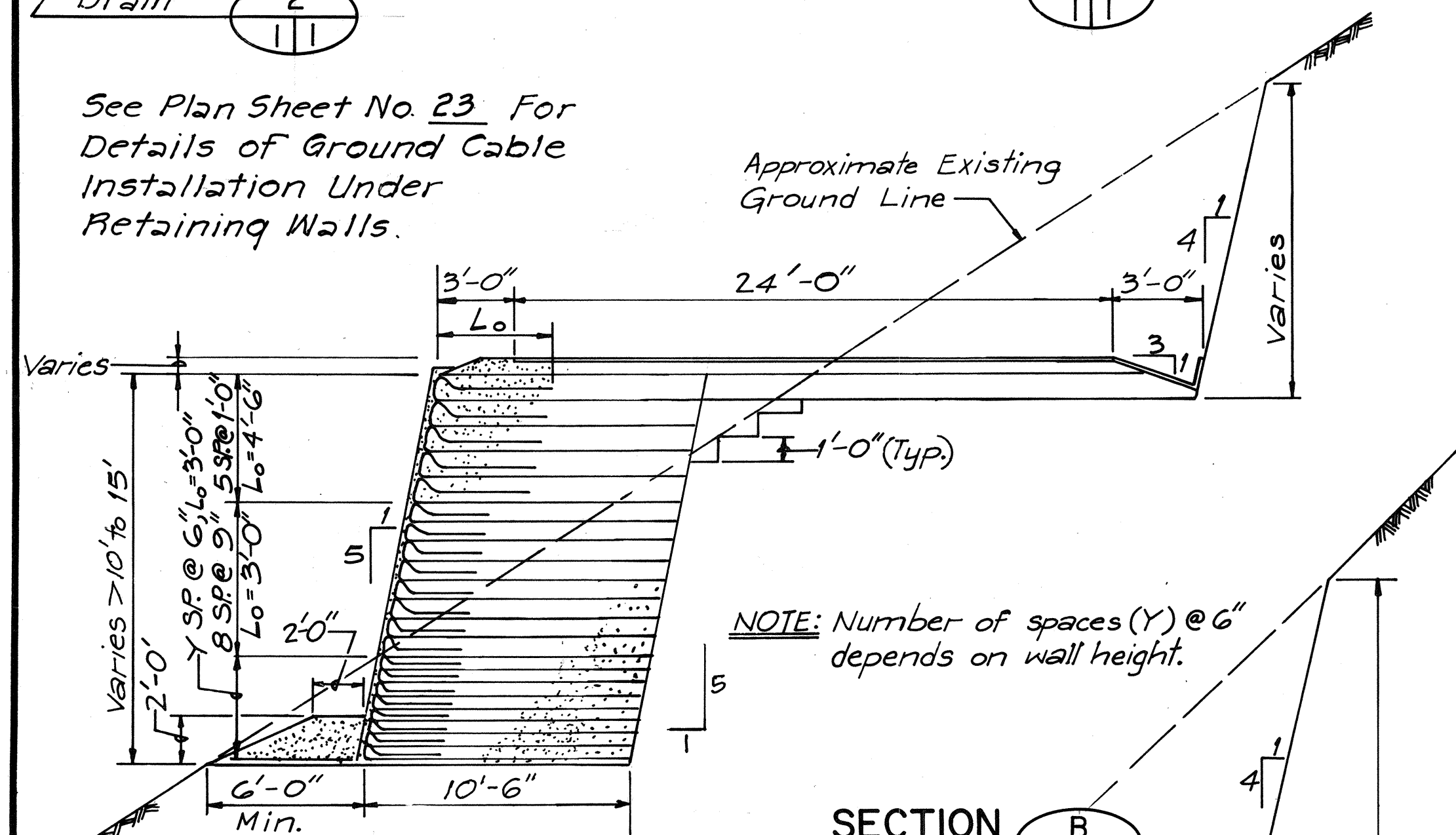


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(36)	1988	21	25

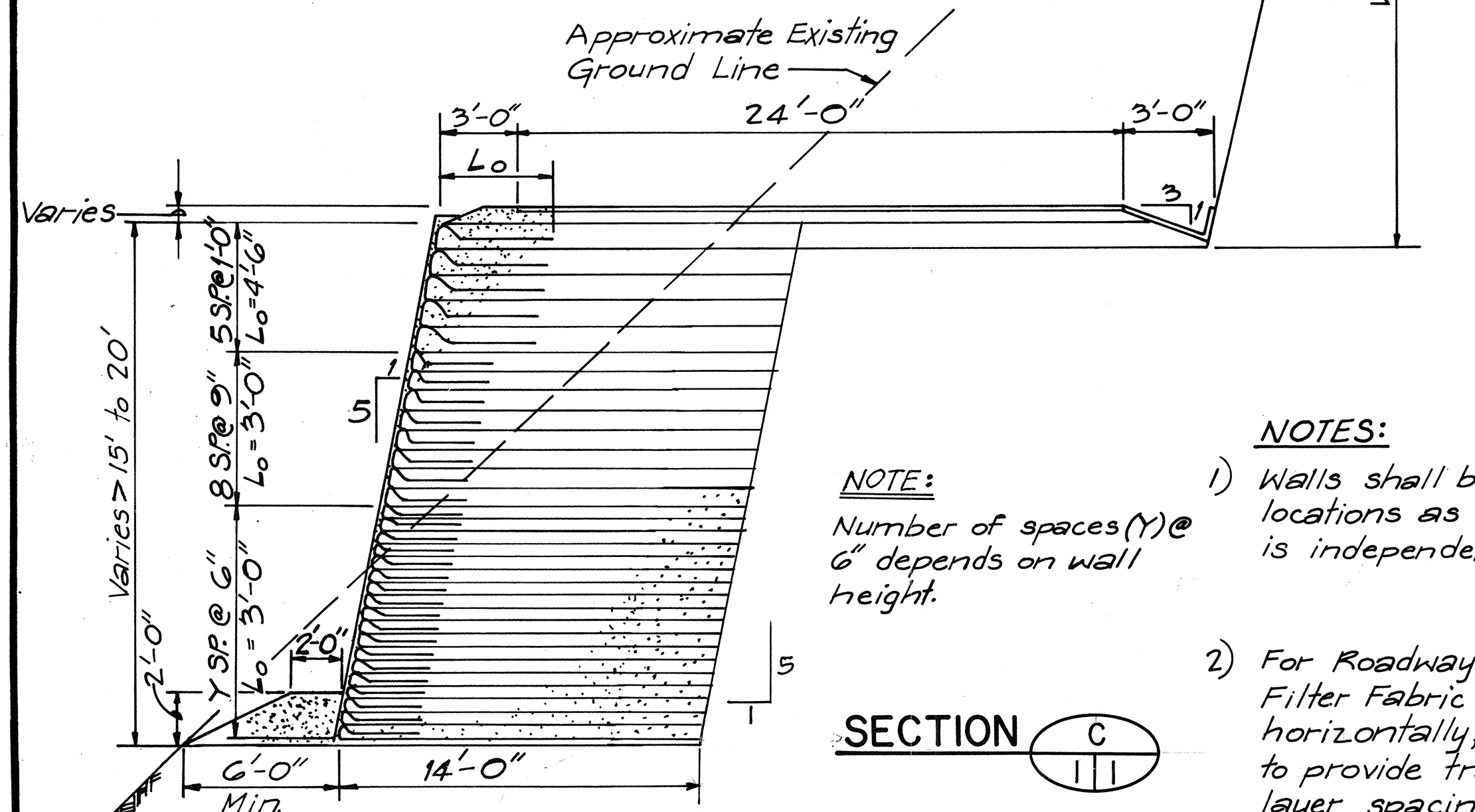


SECTION A
N.T.S.

See Plan Sheet No. 23 For Details of Ground Cable Installation Under Retaining Walls.

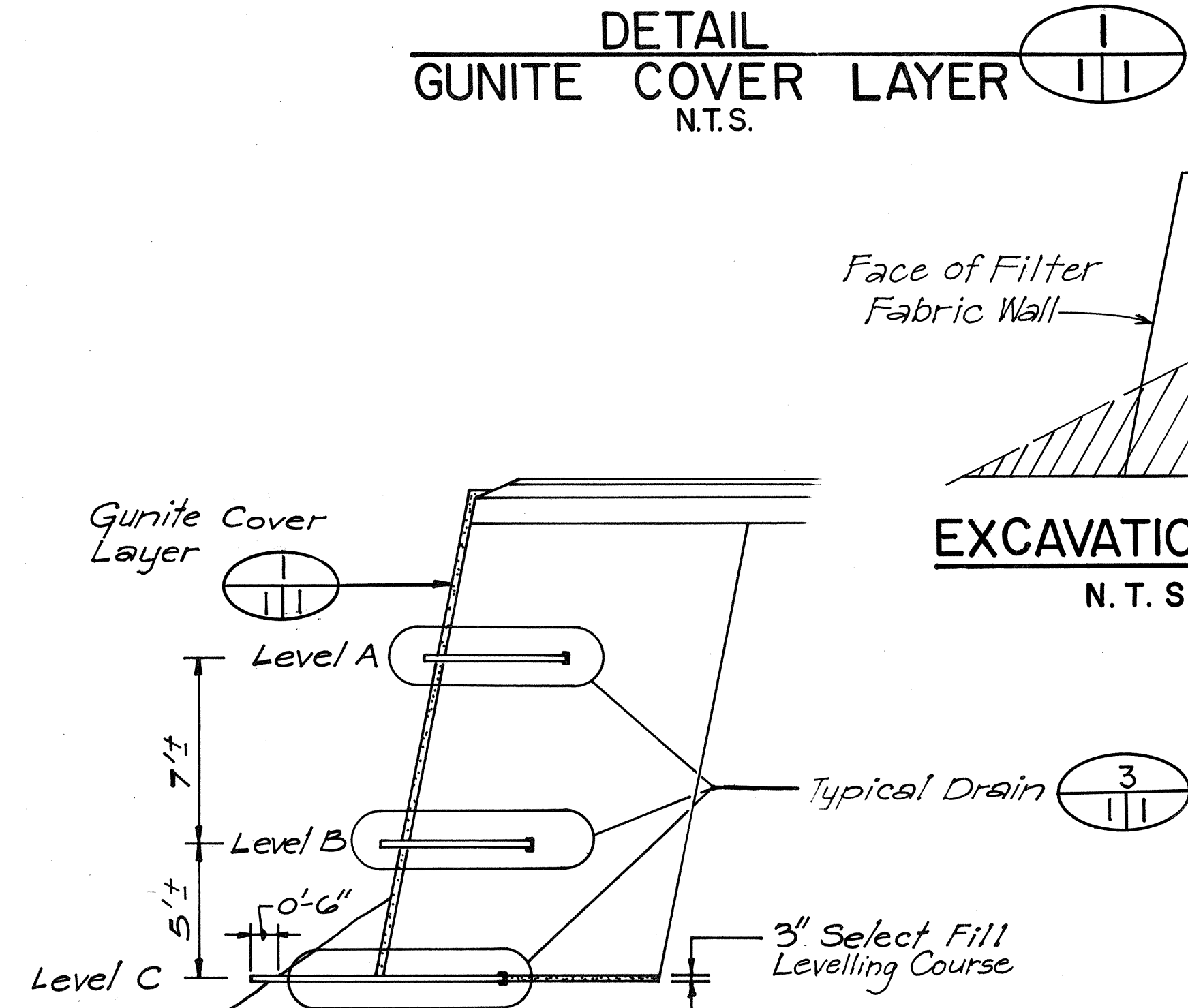
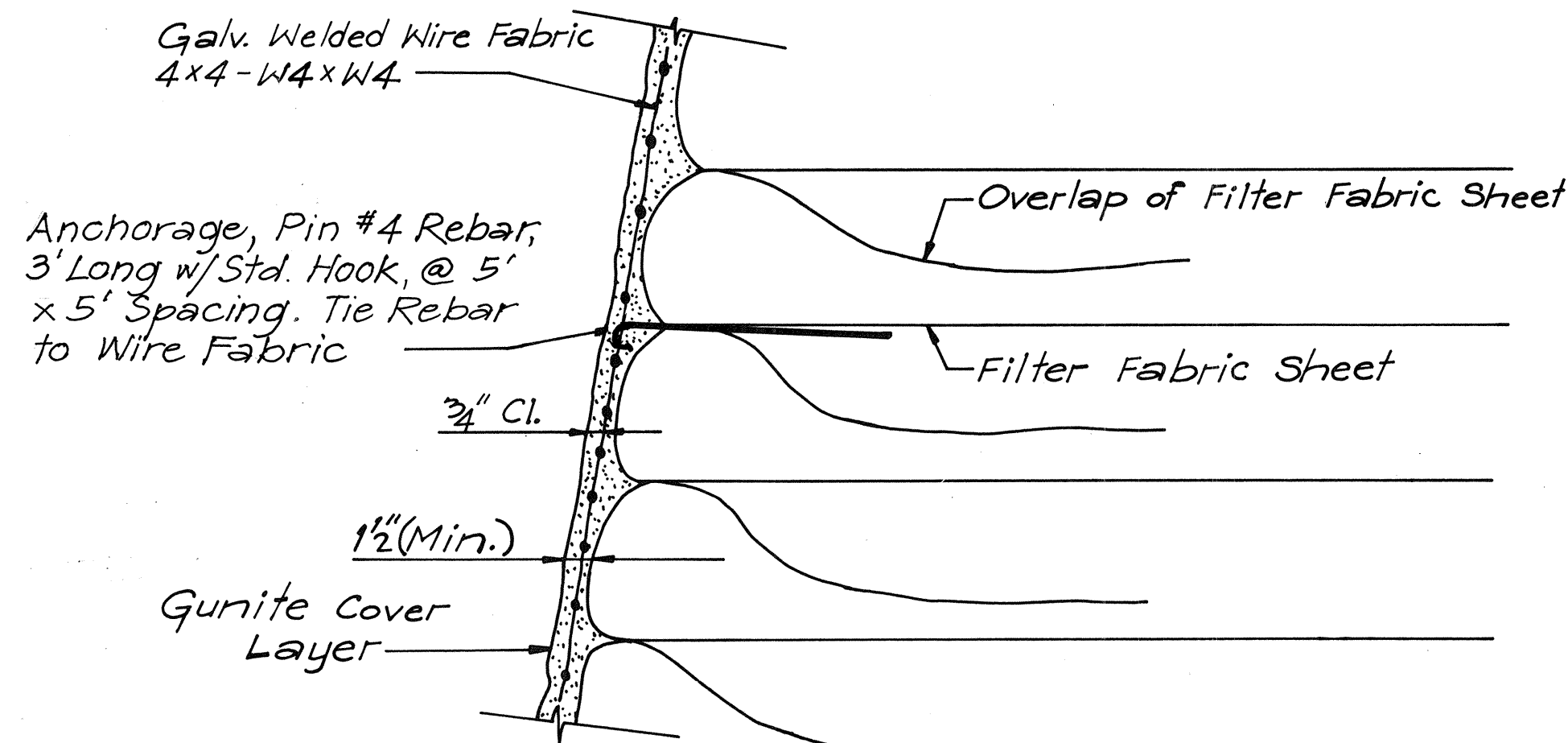


SECTION B
N.T.S.



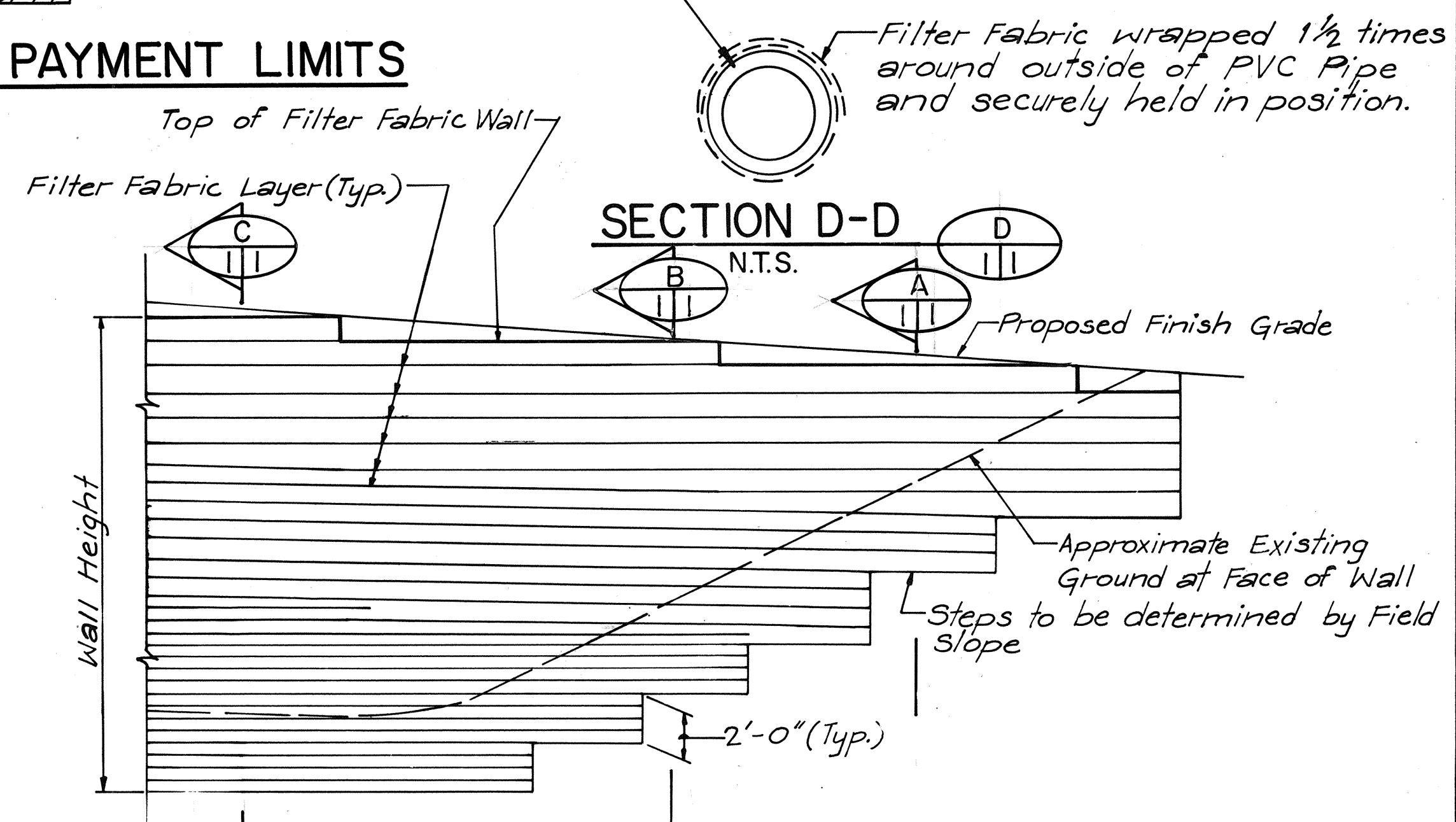
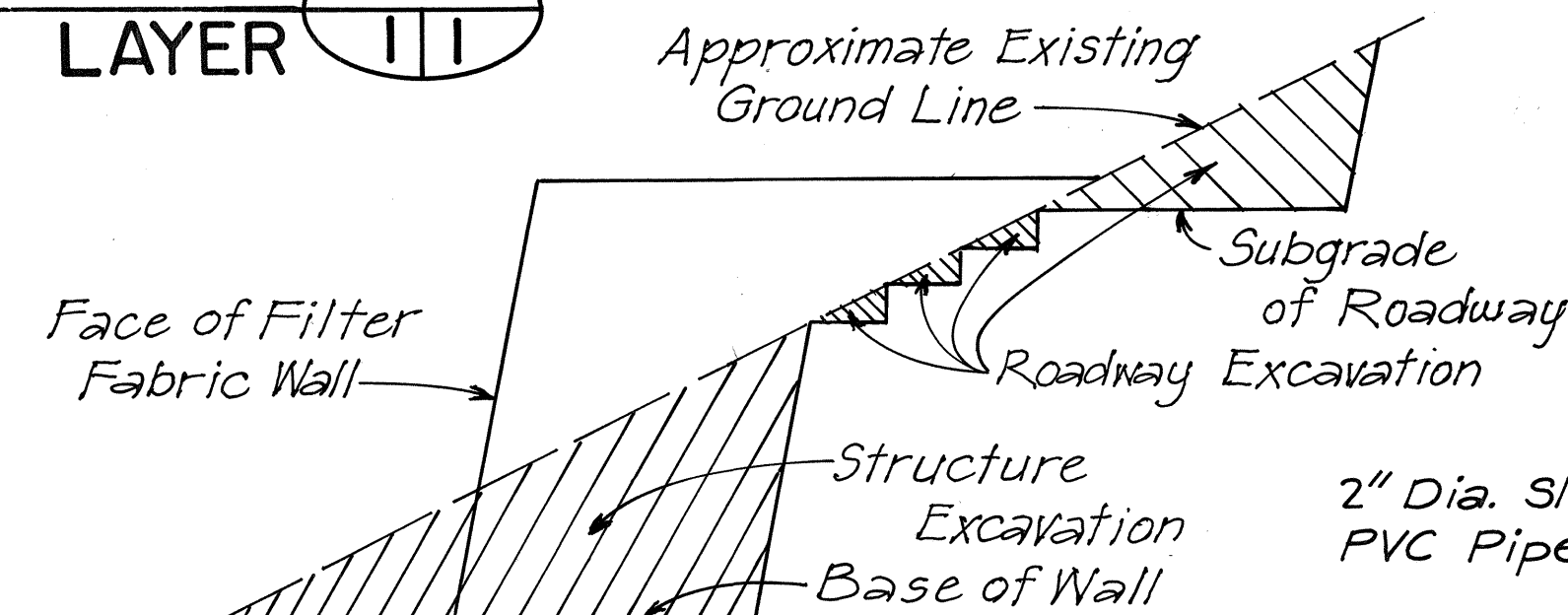
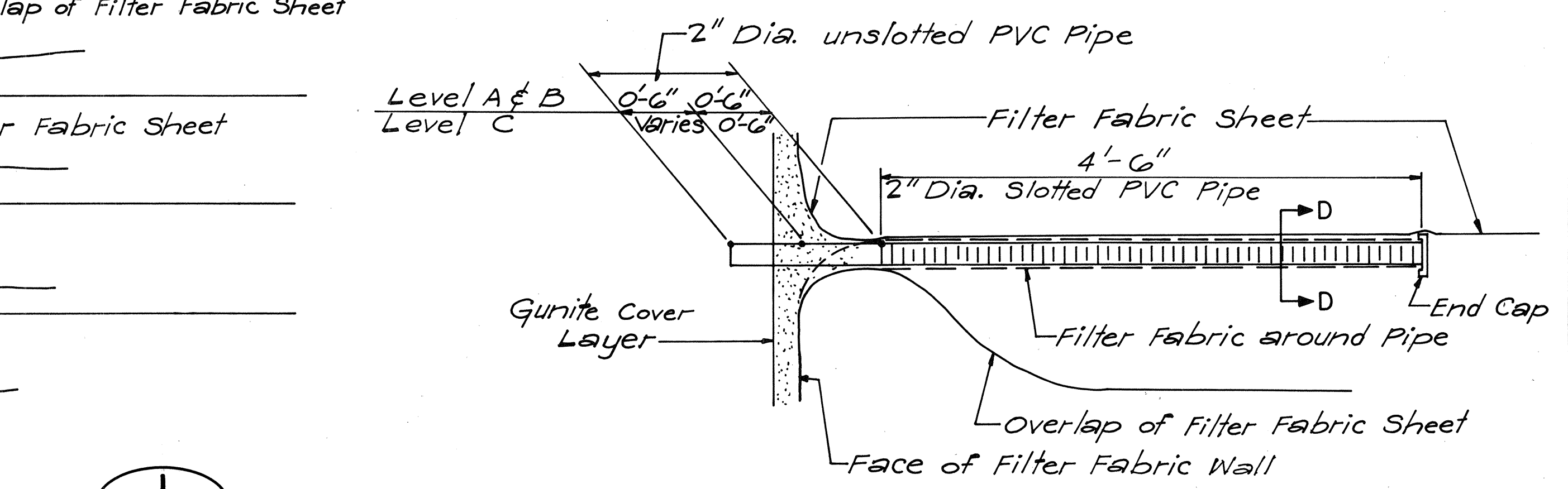
TYPICAL SECTIONS
SCALE: 1" = 5'-0"

- NOTES:**
- 1) Walls shall be detailed for specific locations as found in field. Wall design is independent of existing ground slope.
 - 2) For Roadway Grades steeper than 5% Filter Fabric Layers shall be placed horizontally, except where necessary to provide transition to different fabric layer spacing.
 - 3) For Roadway Grades of 5% or less, Filter Fabric Layers may be placed parallel to roadway surface.



DETAIL DRAIN
SCALE: 1" = 5'-0"

- 4) Maximum Wall Height shall be 20'.
- 5) For Excavation Payment Limits see this Sheet.
- 6) Allowable Foundation Pressure (P), AASHTO Group I, for wall heights (H):
H = 3 to 10 ft. P = 3000 PSF Gross
H = 10 to 15 ft. P = 3200 PSF Gross
H = 15 to 20 ft. P = 4000 PSF Gross
- 7) L₀ = Length of Overlap of Filter Fabric



FILTER FABRIC WALL - ELEVATION
N.T.S.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FILTER FABRIC WALLS

INTERSTATE ROUTE H-3
HAIKU ACCESS ROAD
F.A.I. PROJECT NO. I-H3-1(36)

SCALE: AS NOTED DATE: MAY 1988
SHEET NO. 1 OF 1 SHEETS