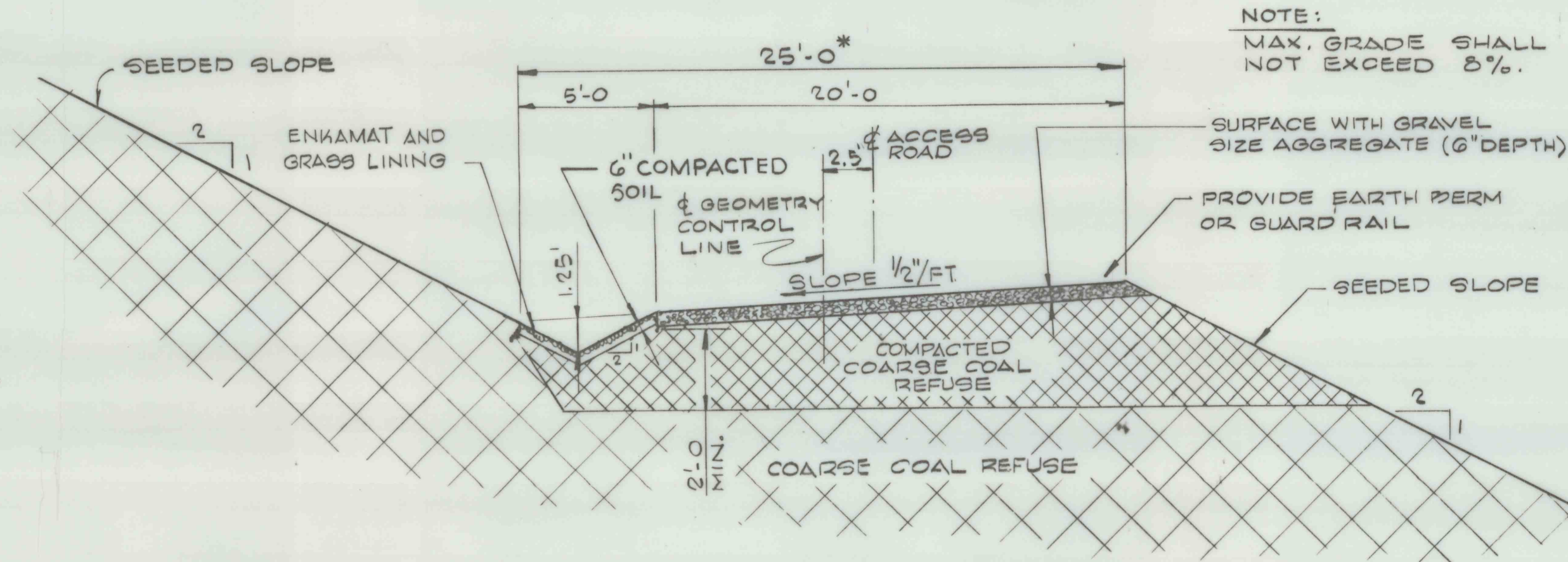
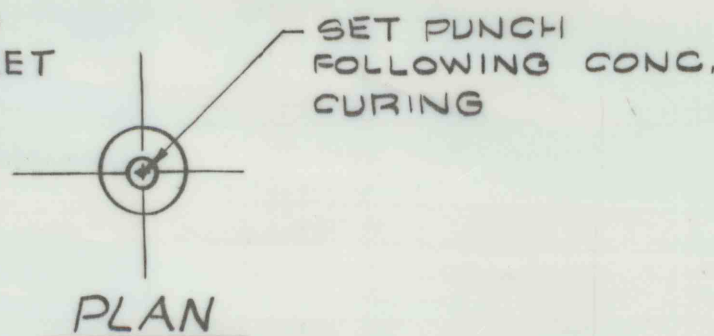


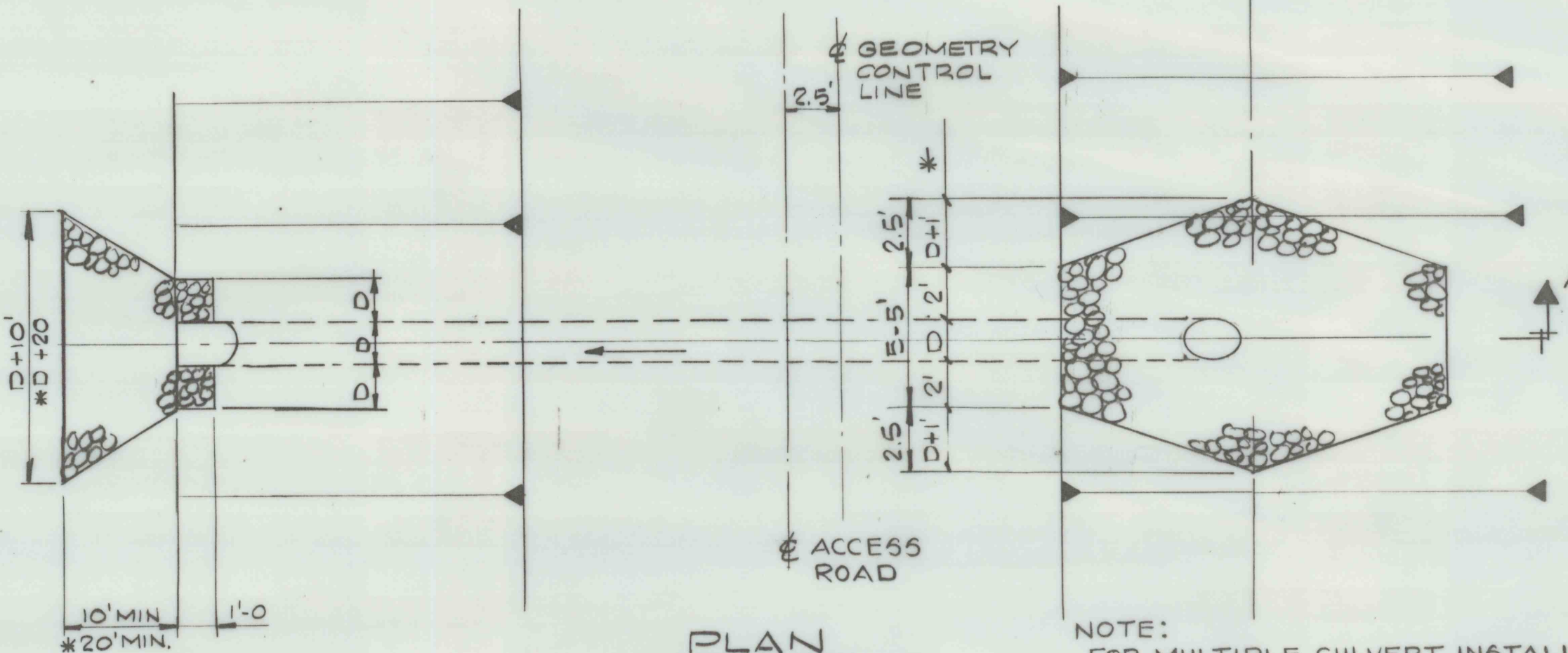
* NOTE - STAGE III CONSTRUCTION FINAL CONFIGURATION SHALL HAVE UPPER TWO ACCESS ROAD WIDTHS OF 30' AND LOWEST BENCH WIDTH 15'

NOTE:
* INDICATES DIMENSIONS FOR PIPE SIZES LARGER THAN 18" DIAMETER

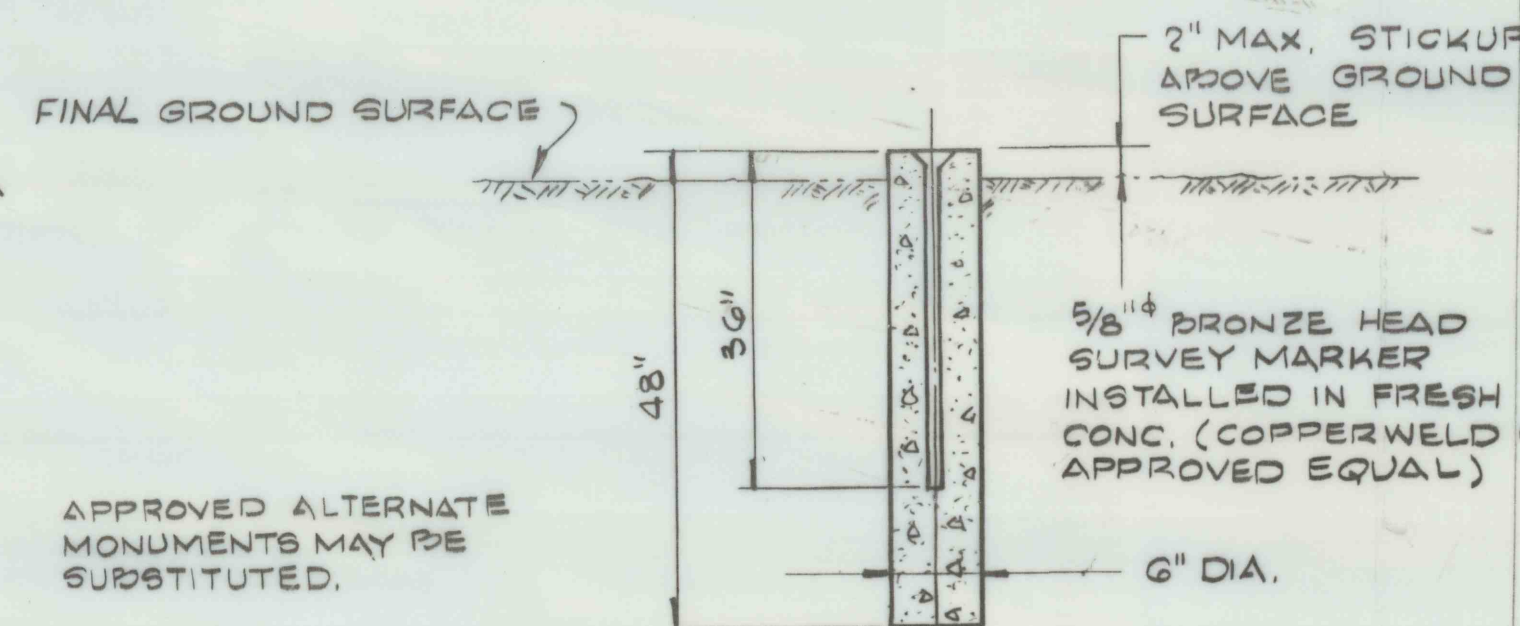
NOTE:
SURVEY MONUMENTS TO BE PLACED WITHIN 5 FEET OF CORRESPONDING PIEZOMETER AS SHOWN ON DWG. 82-312-E9



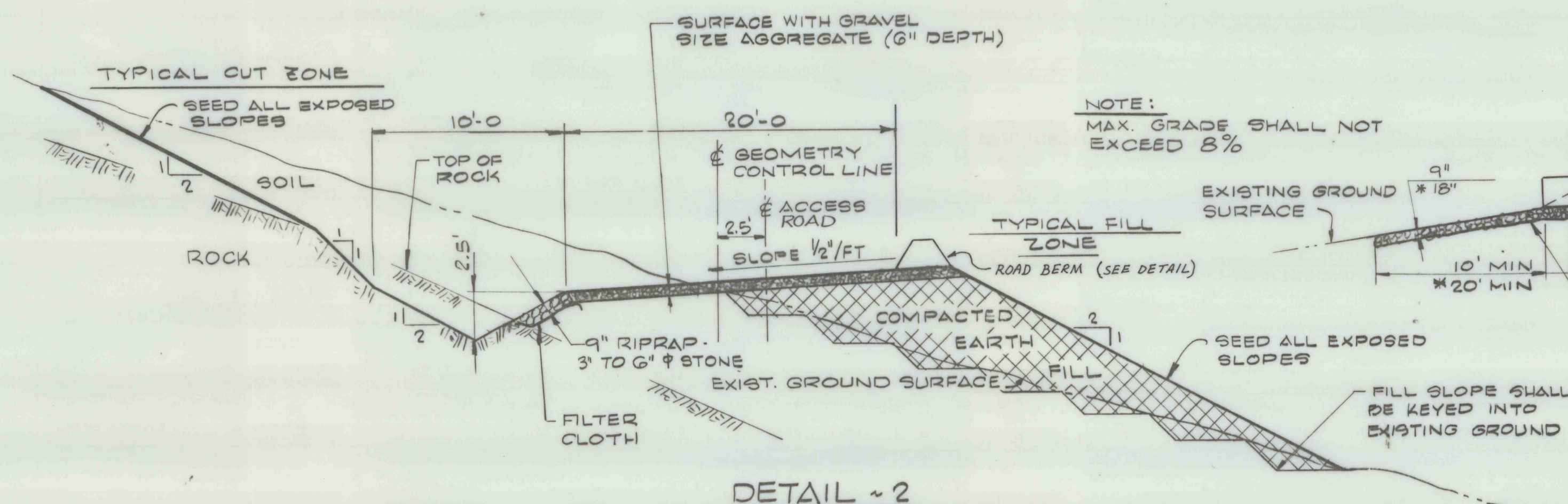
DETAIL-1
TYPICAL ACCESS ROAD ON FACE OF EMBANKMENT
SCALE: NONE



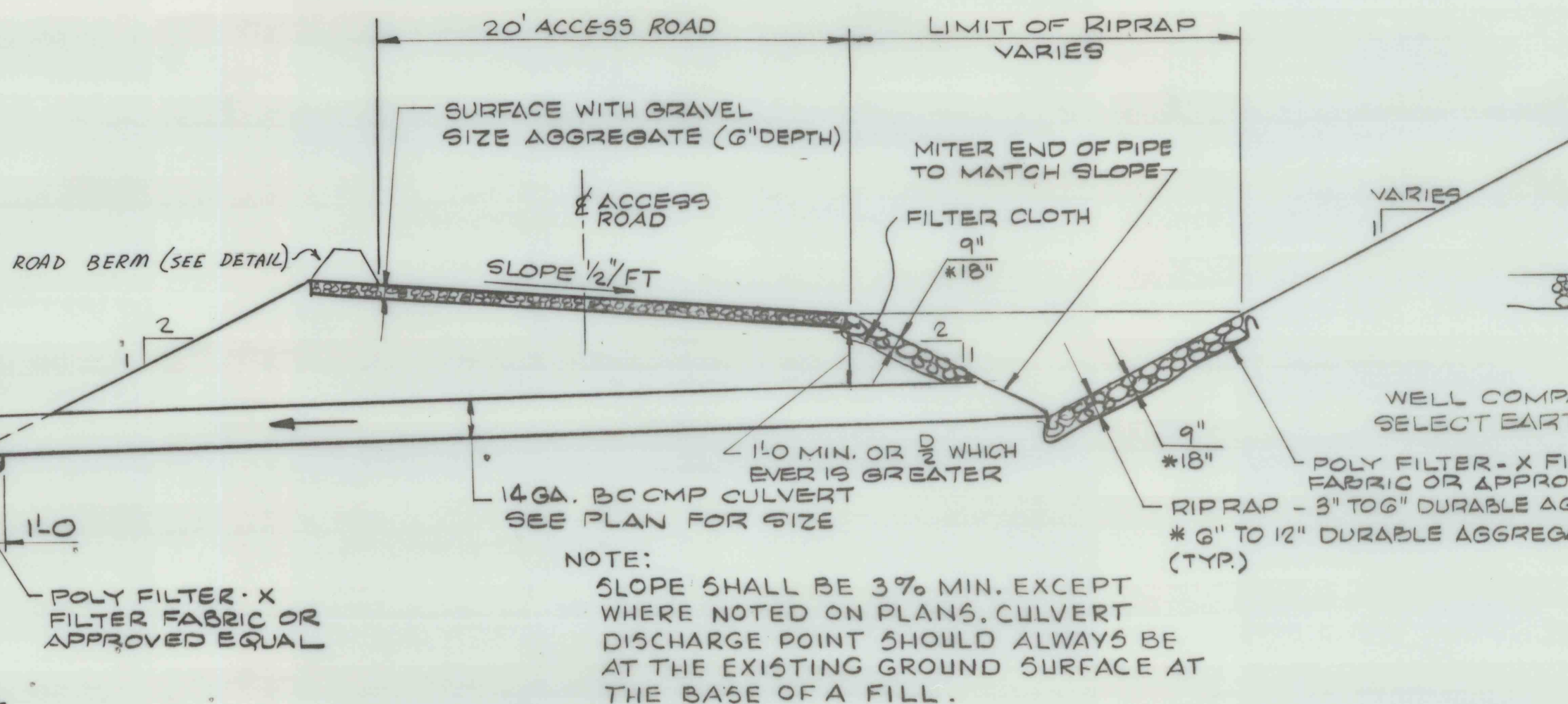
PLAN
SCALE: NONE



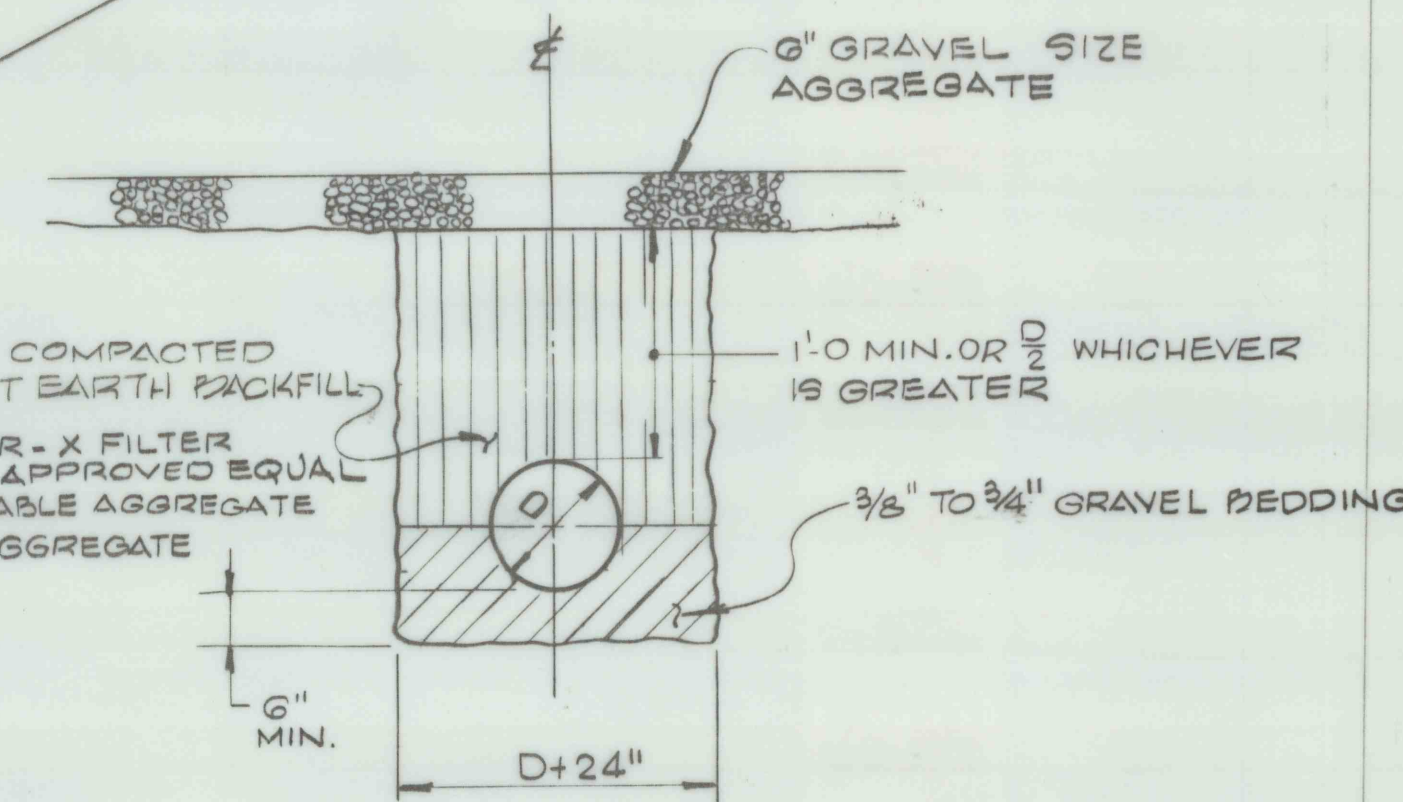
SECTION
CAST-IN-PLACE SURVEY MONUMENT
N.T.S.



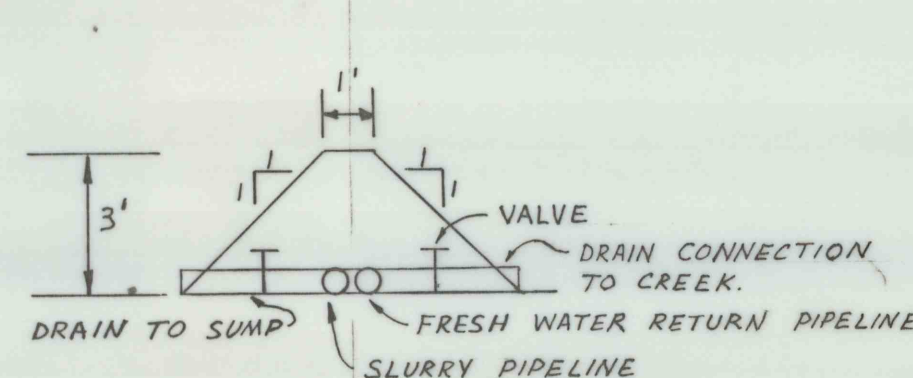
DETAIL-2
TYPICAL ACCESS ROAD CUT AND FILL SECTION
SCALE: NONE



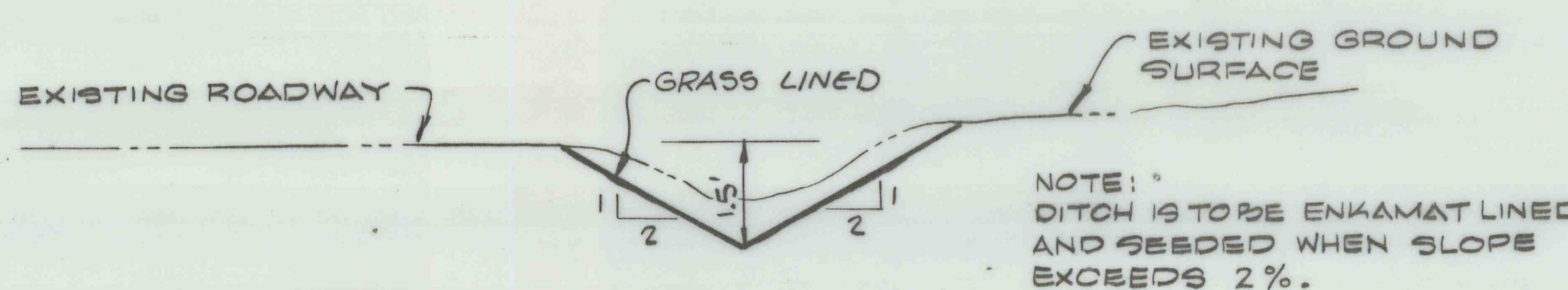
SECTION ~ A-A
SCALE: NONE
TYPICAL PLAN & SECTION EMBANKMENT CULVERT INSTALLATION



TYPICAL CULVERT BEDDING
DETAIL
N.T.S.



TYPICAL ROAD BERM-PIPELINES
SCALE: NONE

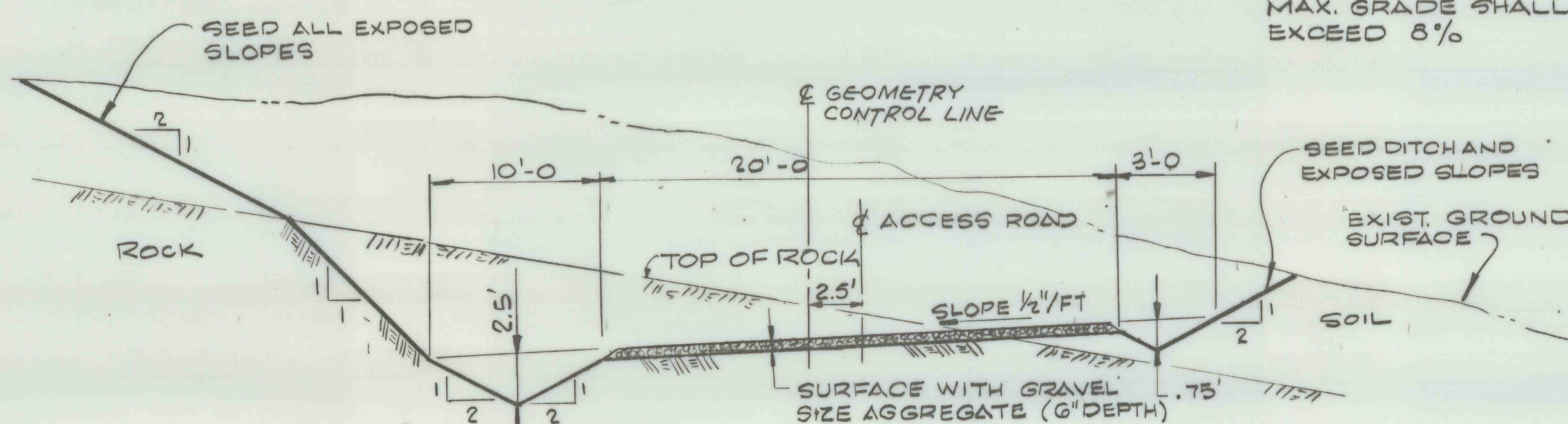


COLLECTION DITCHES - COUNTY ROUTE 11916
SCALE: NONE

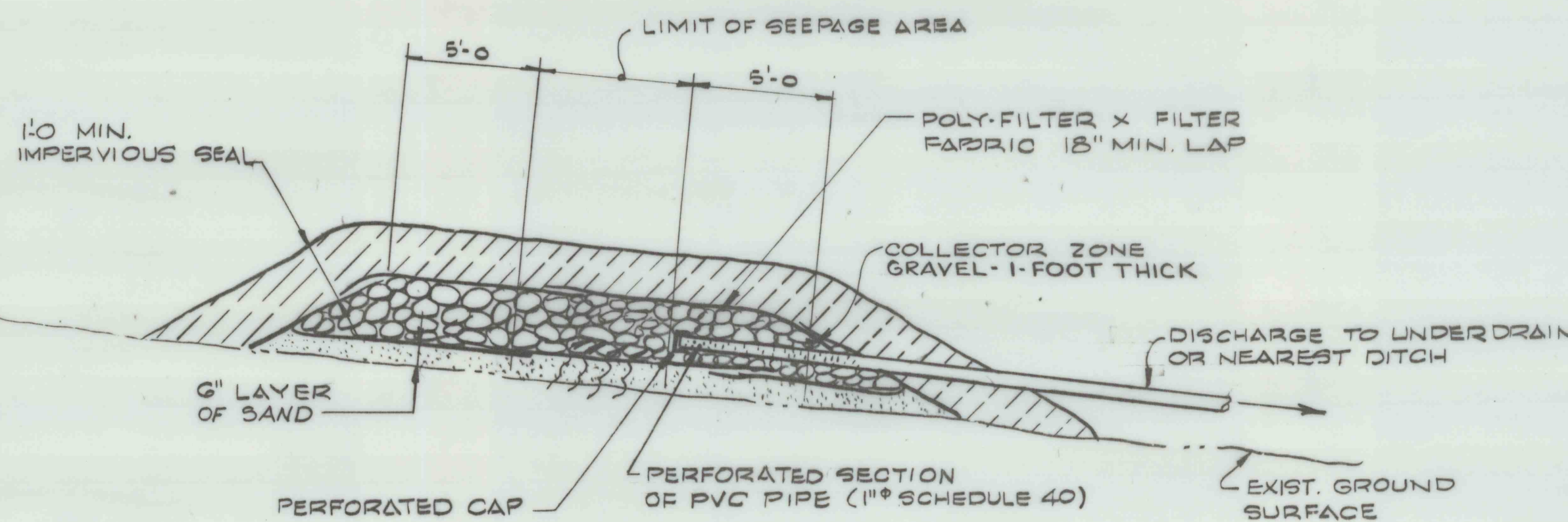
- GENERAL NOTES FOR ACCESS ROAD CONSTRUCTION
- IF THE DITCH IS COMPLETELY IN SOIL IT IS TO BE LINED WITH ENKAMAT AND SEEDS AS SHOWN IN DETAIL-1, THIS DRAWING.
 - IF THE DITCH IS COMPLETELY CUT INTO SOUND ROCK NO EROSION PROTECTION IS REQUIRED HOWEVER THE SIDE SLOPES ON THE CHANNEL MUST REMAIN 2:1 FOR THE FULL DEPTH OF THE CHANNEL AS SHOWN IN DETAIL-3, THIS DRAWING.
 - IF DITCH IS PARTIALLY CUT INTO ROCK AND PARTIALLY IN SOIL THE SOIL PORTION SHALL BE LINED WITH RIPRAP (3" TO 6" STONE, 9" THICK) AS SHOWN IN DETAIL-2 THIS DRAWING.

NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH PERMIT AND TECHNICAL SPECIFICATION 82-312-1.



DETAIL-3
TYPICAL ACCESS ROAD CUT SECTION
SCALE: NONE



SPRING COLLECTOR DETAIL
N.T.S.

DRAINAGE DETAILS
NORTH HOLLOW REFUSE IMPOUNDMENT
MINE 101 COAL PREPARATION PLANT
CENTURY, WEST VIRGINIA

gai
CONSULTANTS, INC.
Engineers • Geologists • Planners
Environmental Specialists
570 Beatty Rd. • Pittsburgh
Monroeville, Pa. 15146

BETHLEHEM MINES CORP.
CHARLESTON, WEST VIRGINIA

DRAWN: ELC APPROVED: FW
REVIEWED: ASG/PEAL DATE: 7-14-83
SCALE: NONE DRAWING NUMBER: 82-312-E10

DESCRIPTION	NO.	DATE
REVISIONS		