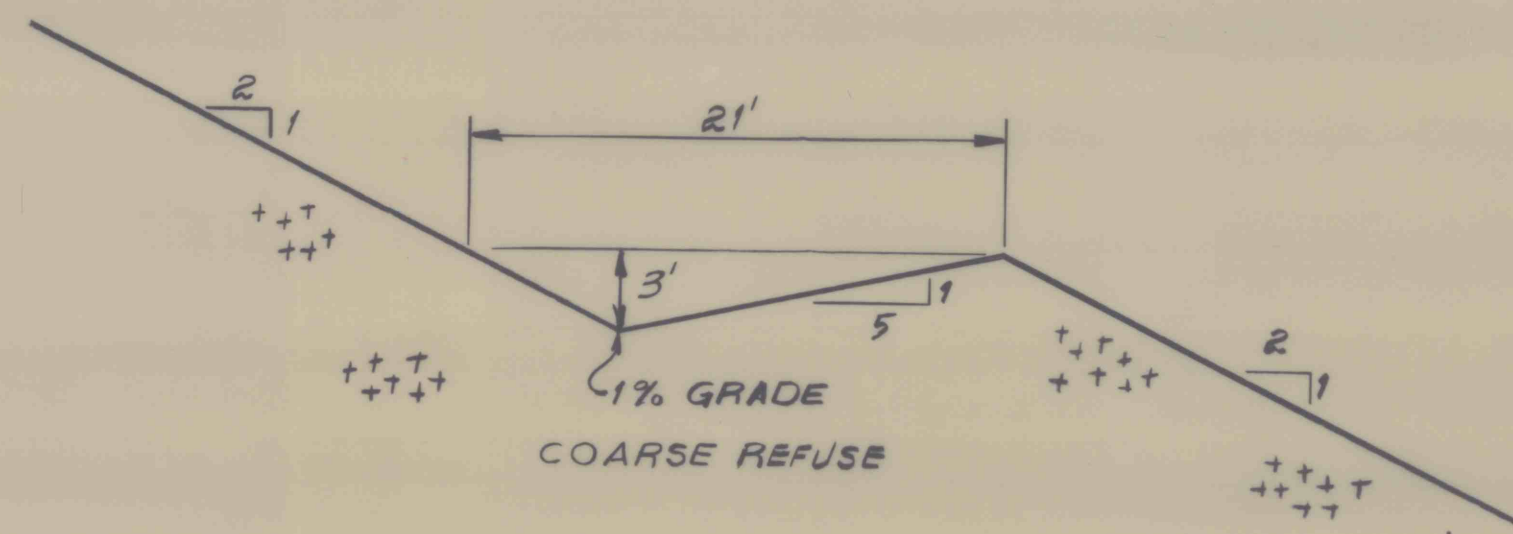
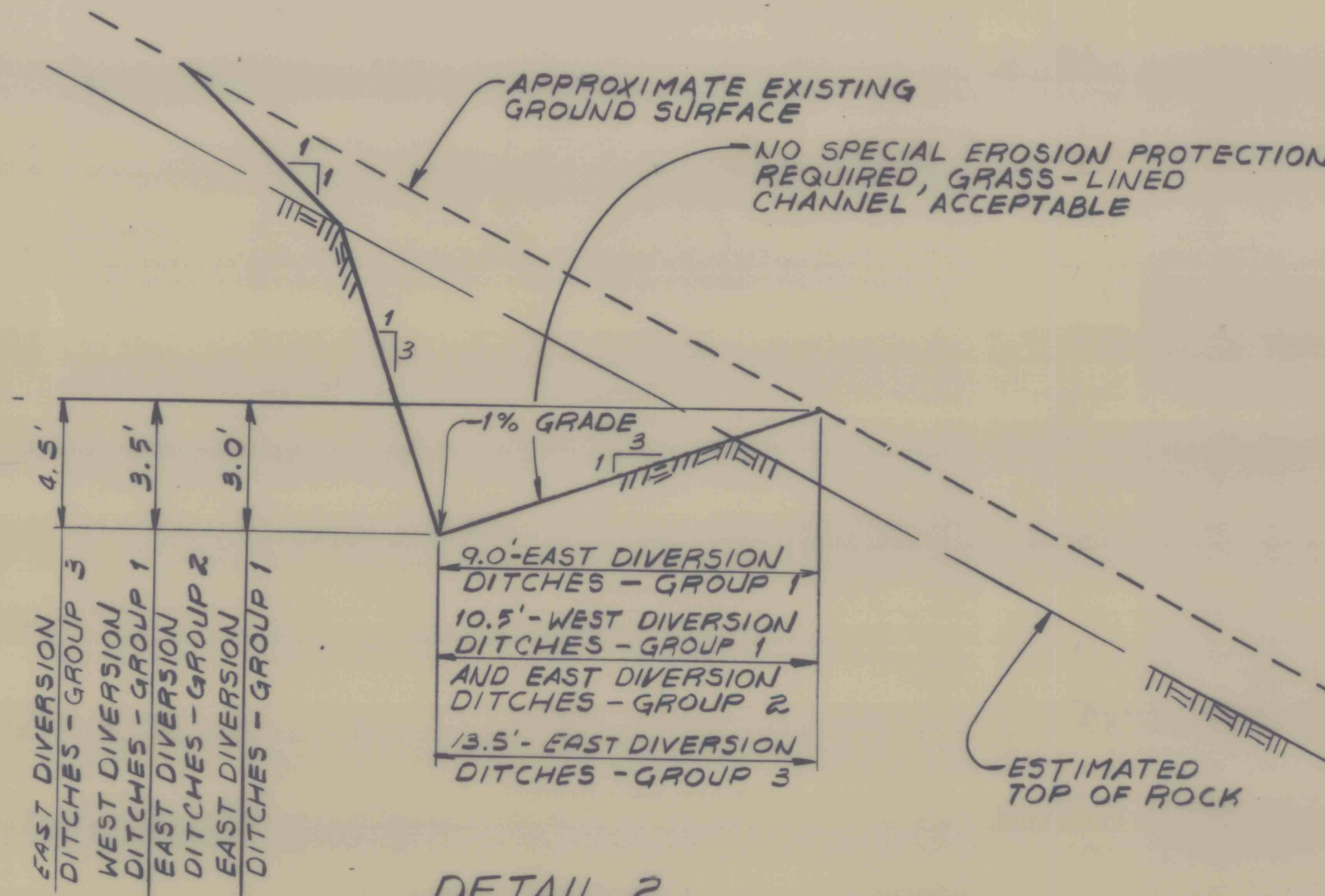


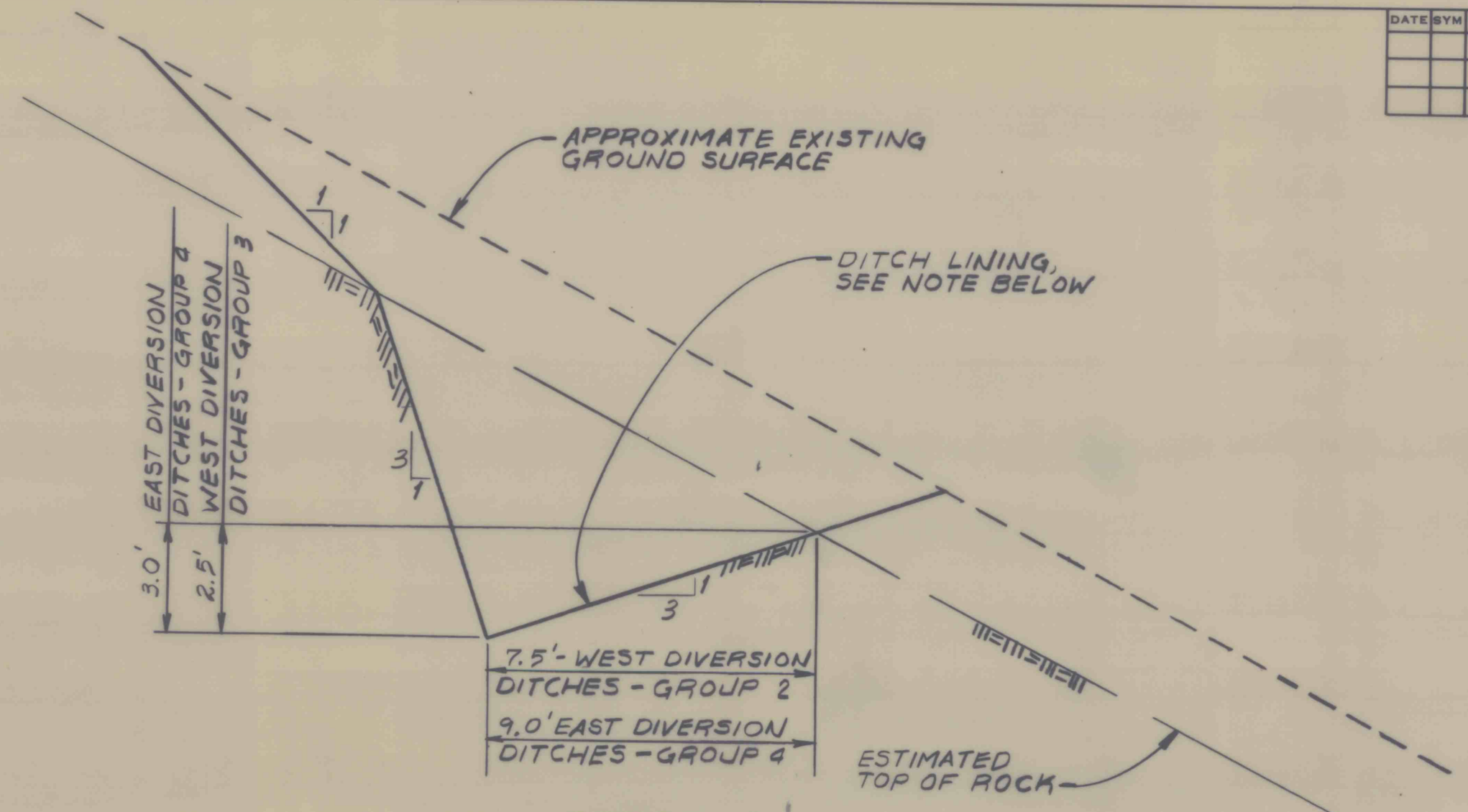
DATE	BY	REVISION	RECORD	DR.	CK.



DETAIL 1
TYPICAL 20' WIDE BENCH
N.T.S.



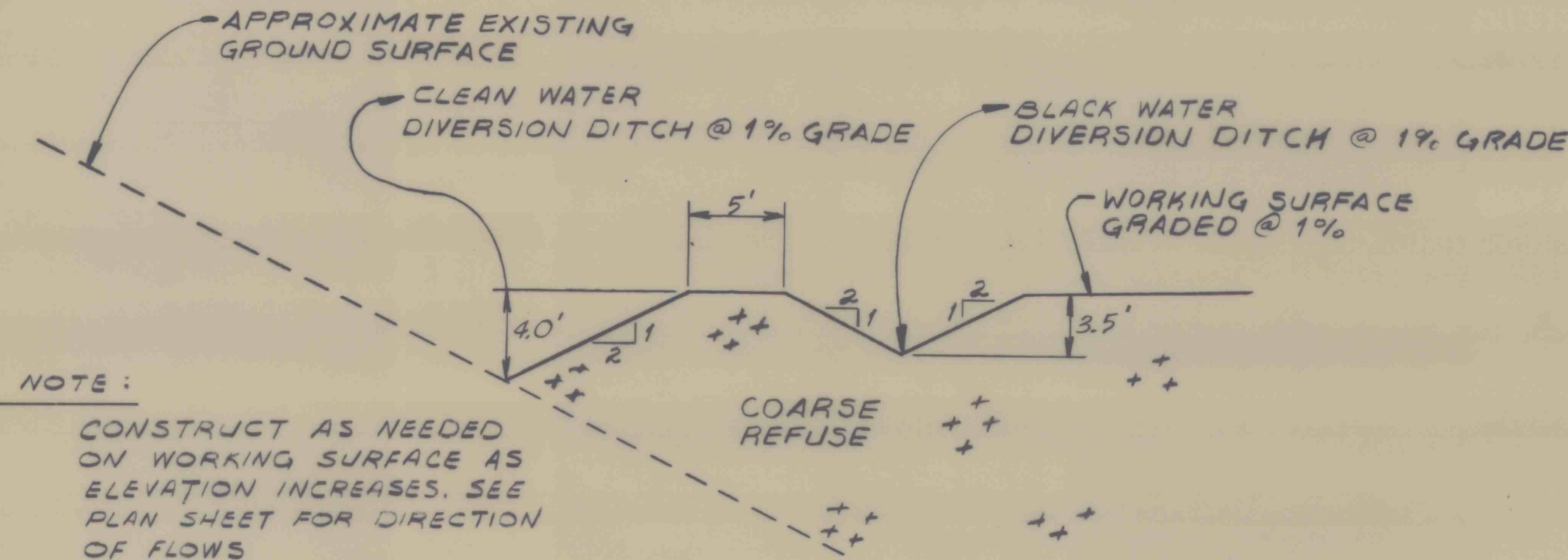
DETAIL 2
BLACK WATER DIVERSION DITCHES
UNSPECIFIED DITCHLINE MATERIAL
N.T.S.



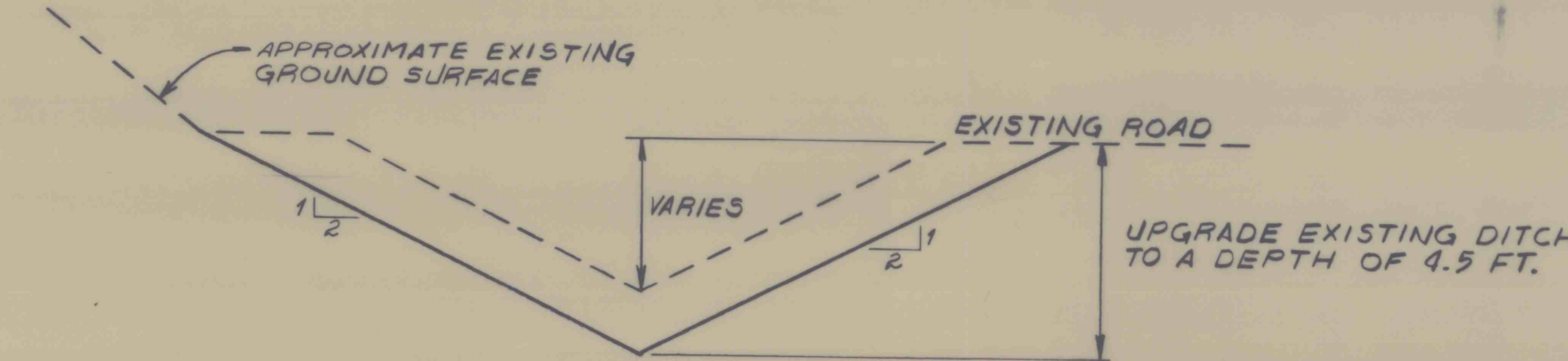
DETAIL 3
BLACK WATER DIVERSION DITCHES
CUT INTO ROCK OR RIPRAP LINED
N.T.S.

NOTE:
THE ABOVE GROUPS OF DIVERSION DITCHES SHOULD BE CUT INTO ROCK OR RIPRAP LINED. IF RIPRAP IS USED, THE FOLLOWING REQUIREMENTS APPLY:

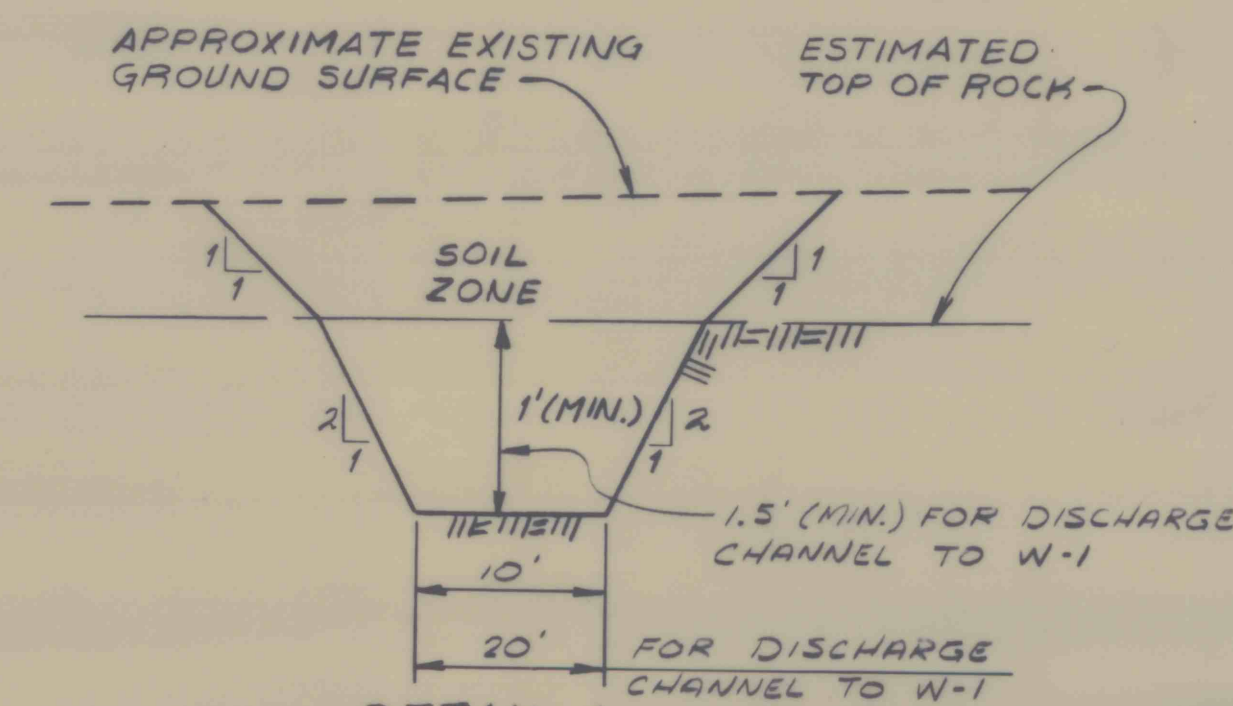
DITCH	MEAN STONE SIZE	RIPRAP LAYER THICKNESS
WEST DIVERSION DITCHES - GROUP 3	18" Ø	36"
EAST DIVERSION DITCHES - GROUP 4	24" Ø	48"



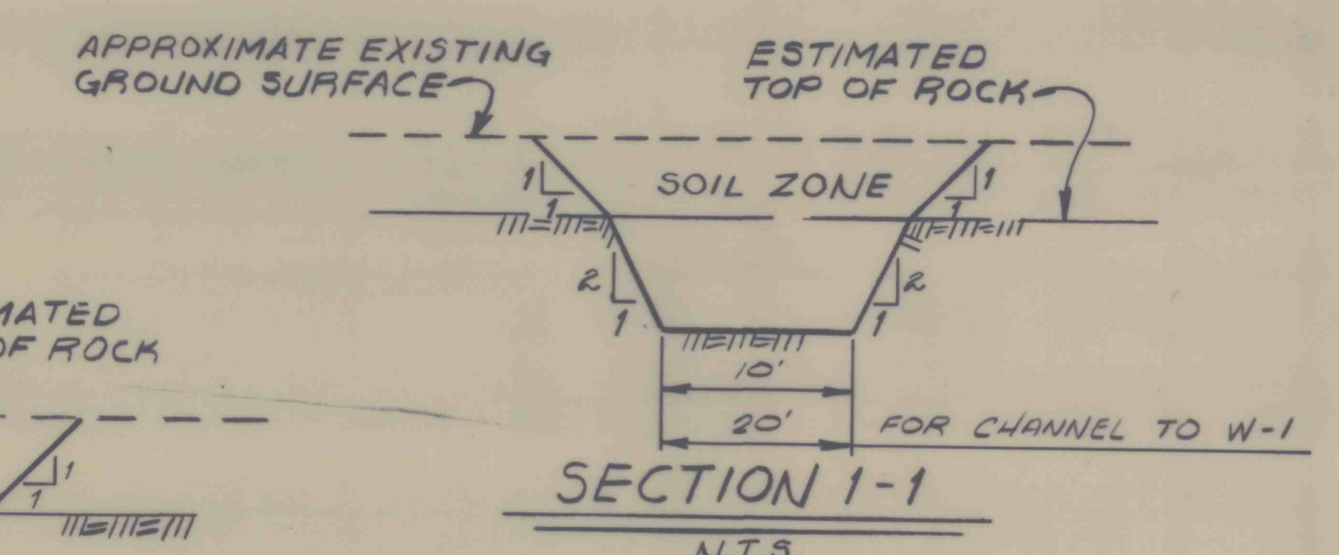
DETAIL 4
TYPICAL WORKING SURFACE
DIVERSION DITCHES
N.T.S.



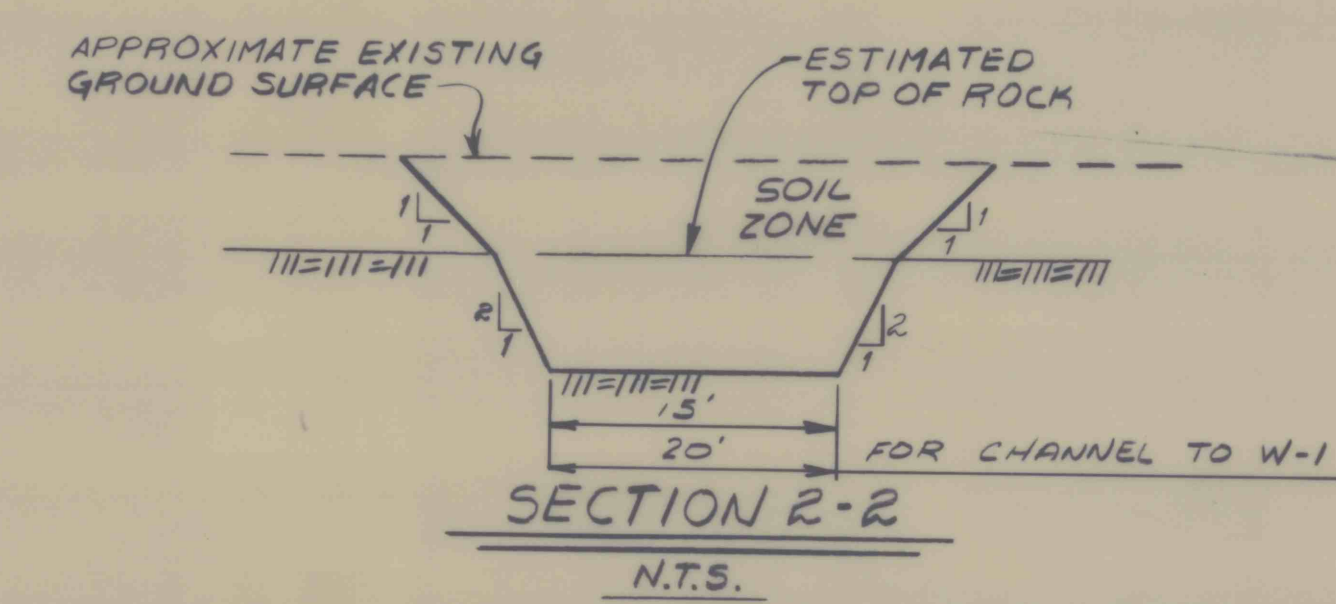
DETAIL 5
UPGRADING OF EXISTING DITCH
N.T.S.



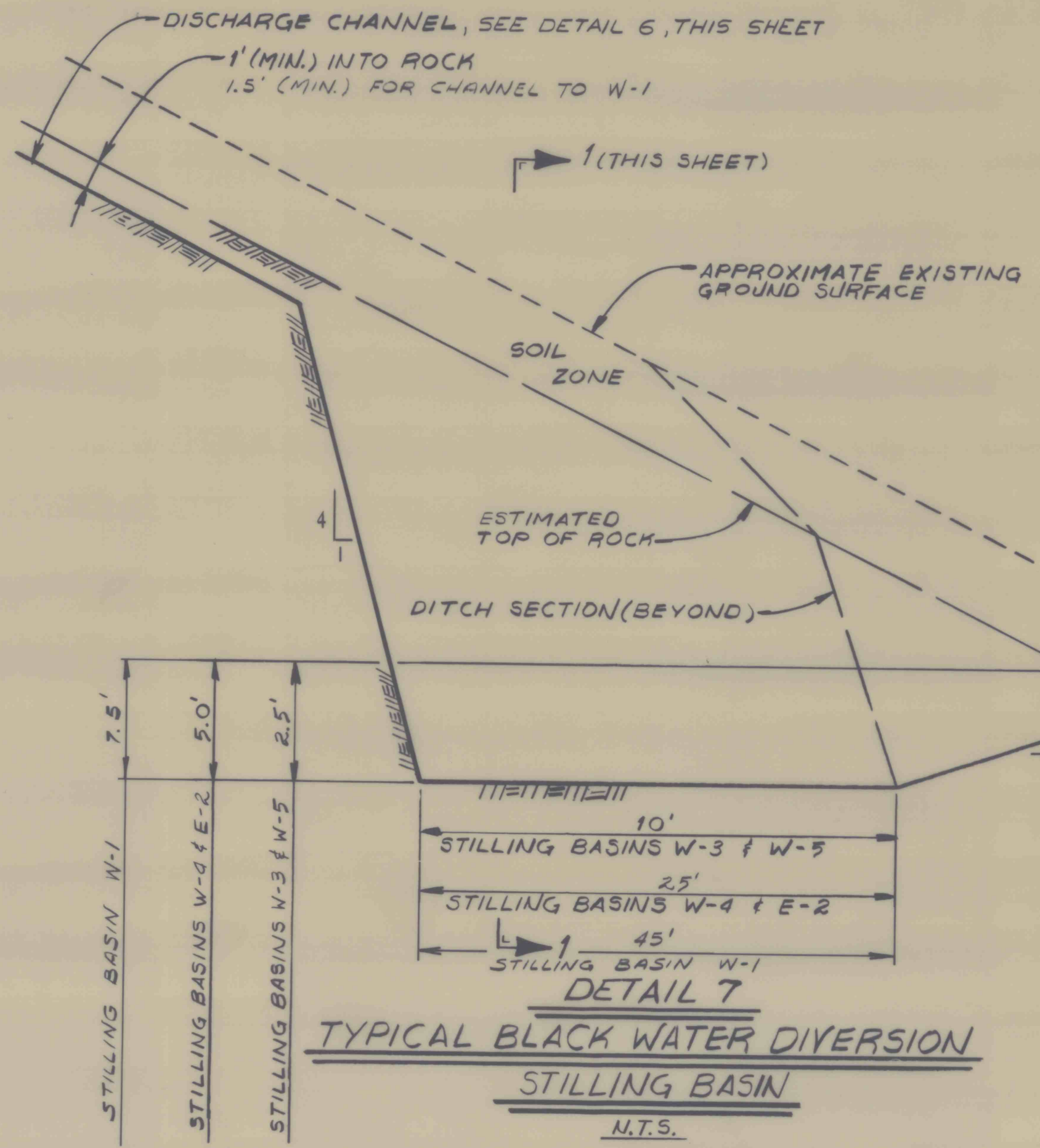
DETAIL 6
TYPICAL DISCHARGE CHANNEL
N.T.S.



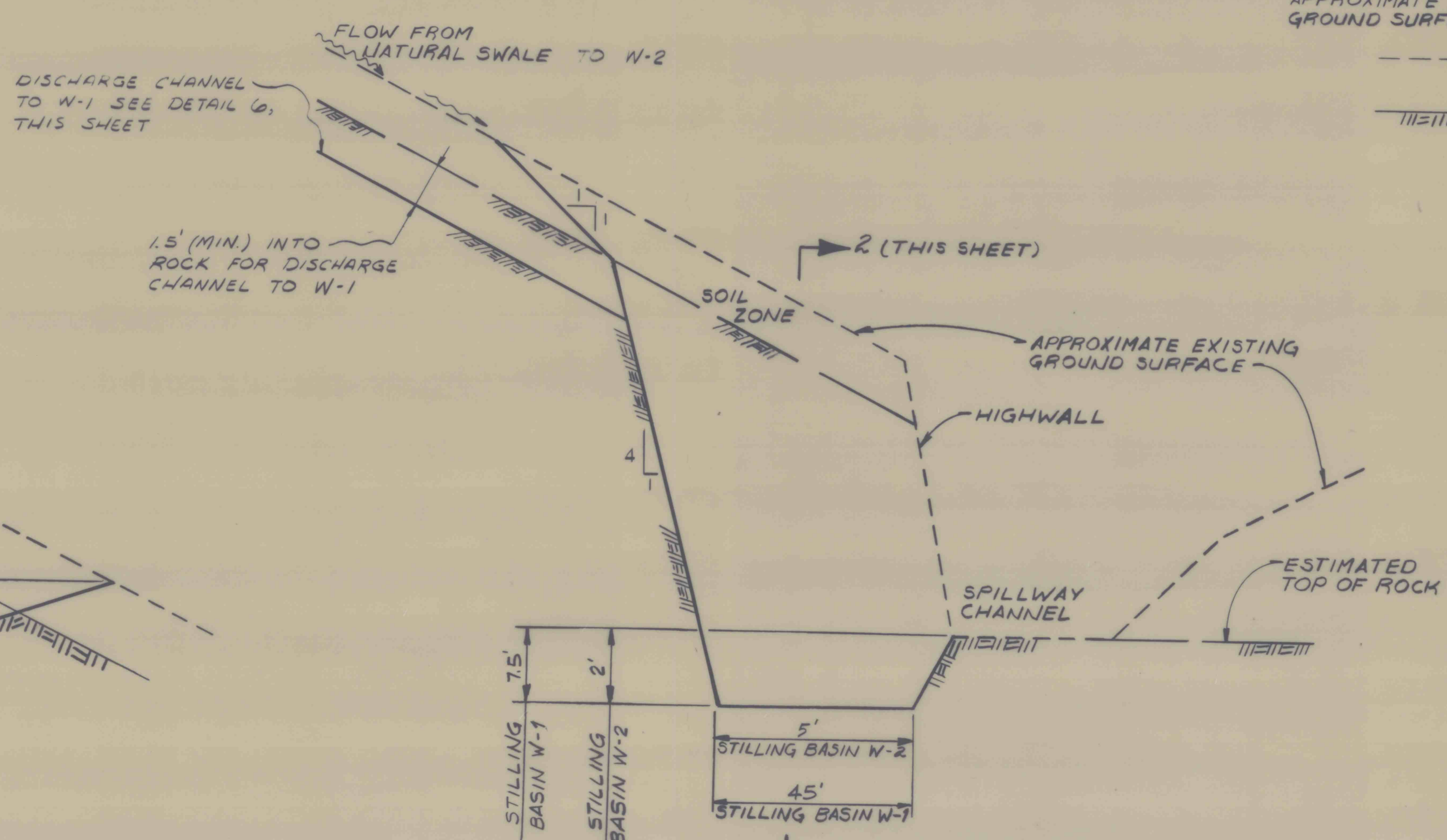
SECTION 1-1
N.T.S.



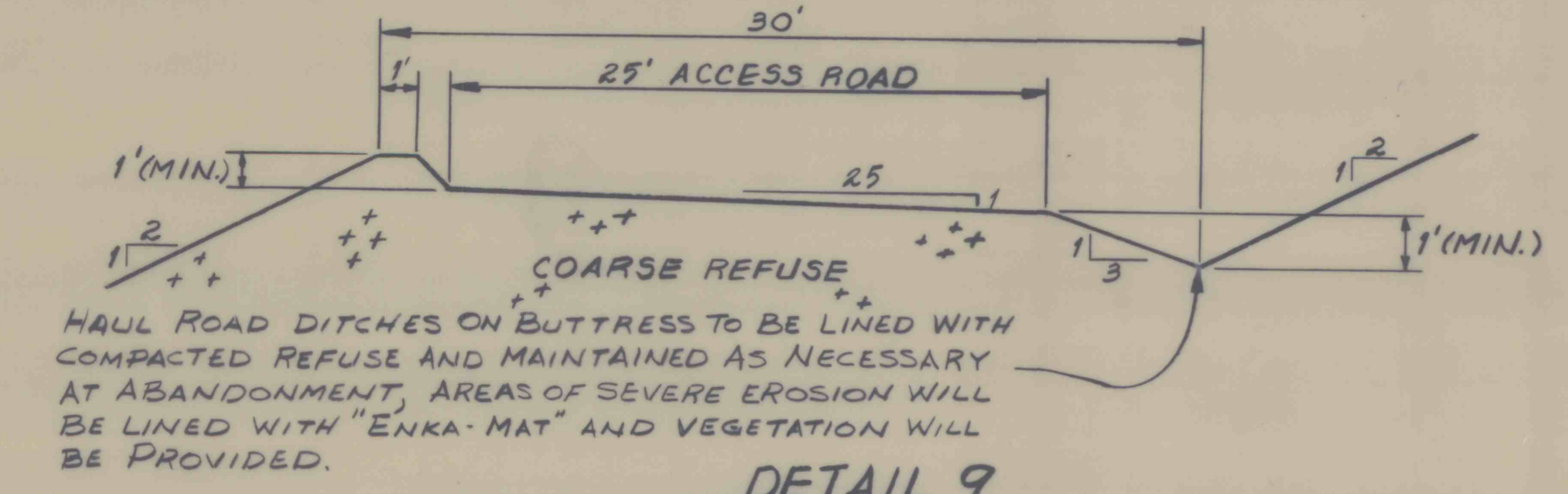
SECTION 2-2
N.T.S.



DETAIL 7
TYPICAL BLACK WATER DIVERSION
STILLING BASIN
N.T.S.



DETAIL 8
TYPICAL BLACK WATER DIVERSION
STILLING BASINS ALONG EXISTING SPILLWAY
N.T.S.



DETAIL 9
TYPICAL HAUL ROAD SECTION
N.T.S.

SRW ASSOCIATES INC.			
SCALE: AS NOTED	APPROVED BY: <i>[Signature]</i>	DRAWN BY: D.K. Sykes	
DATE: FEB. 24, 1984	CHECKED BY: <i>[Signature]</i>	BETHLEHEM MINES CORPORATION	
WEST VIRGINIA DIVISION			
BOONE NO. 31 MINE			
EXISTING COAL REFUSE DISPOSAL FACILITY			
VAN, WEST VIRGINIA			
DETAILS 1 THROUGH 9		SHEET NUMBER 10 of 13	
		DRAWING NUMBER	
		83155 - E9	

FILE 12-6-123