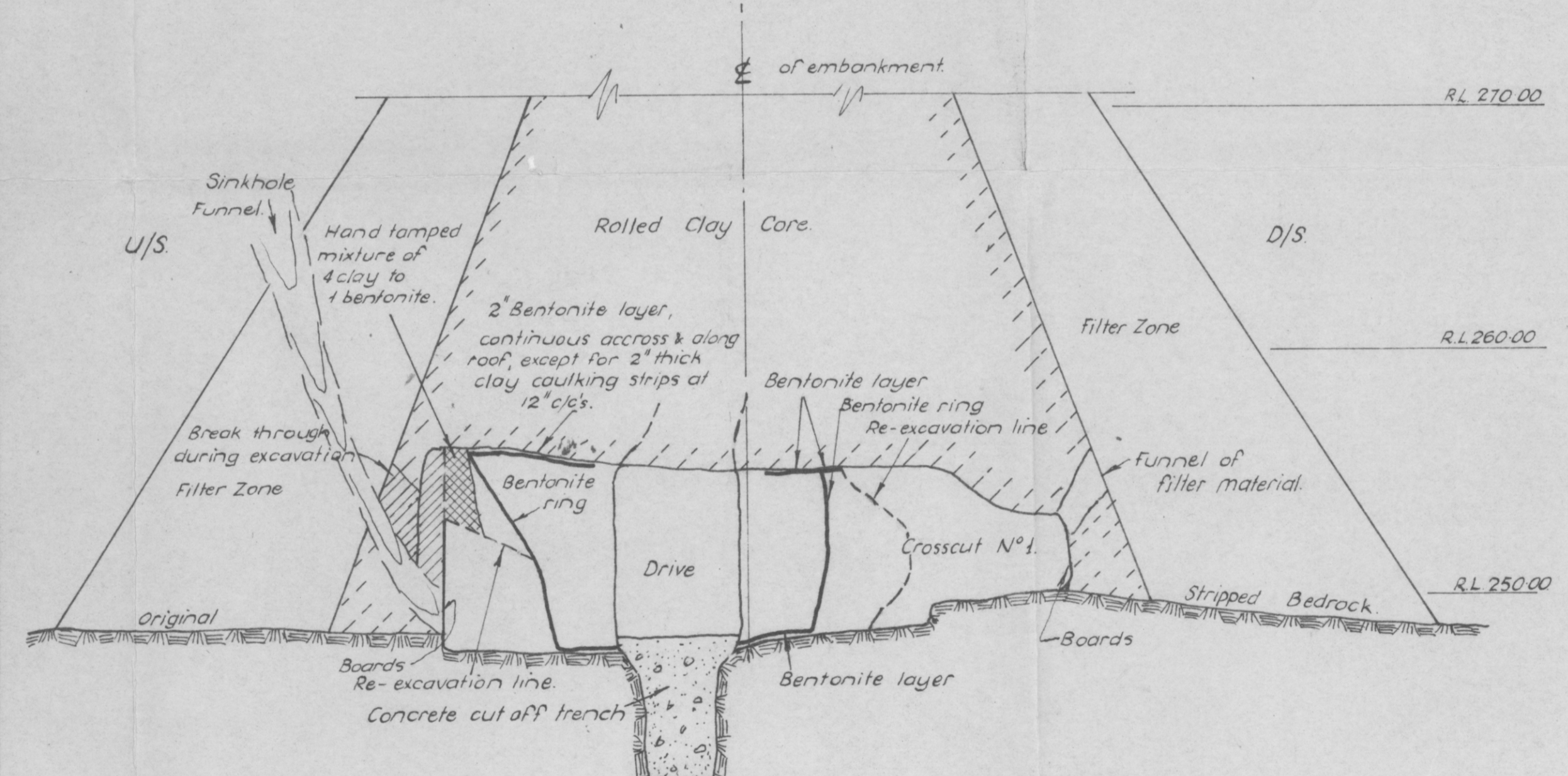


**PART PLAN OF CROSSCUT & DRIVE**

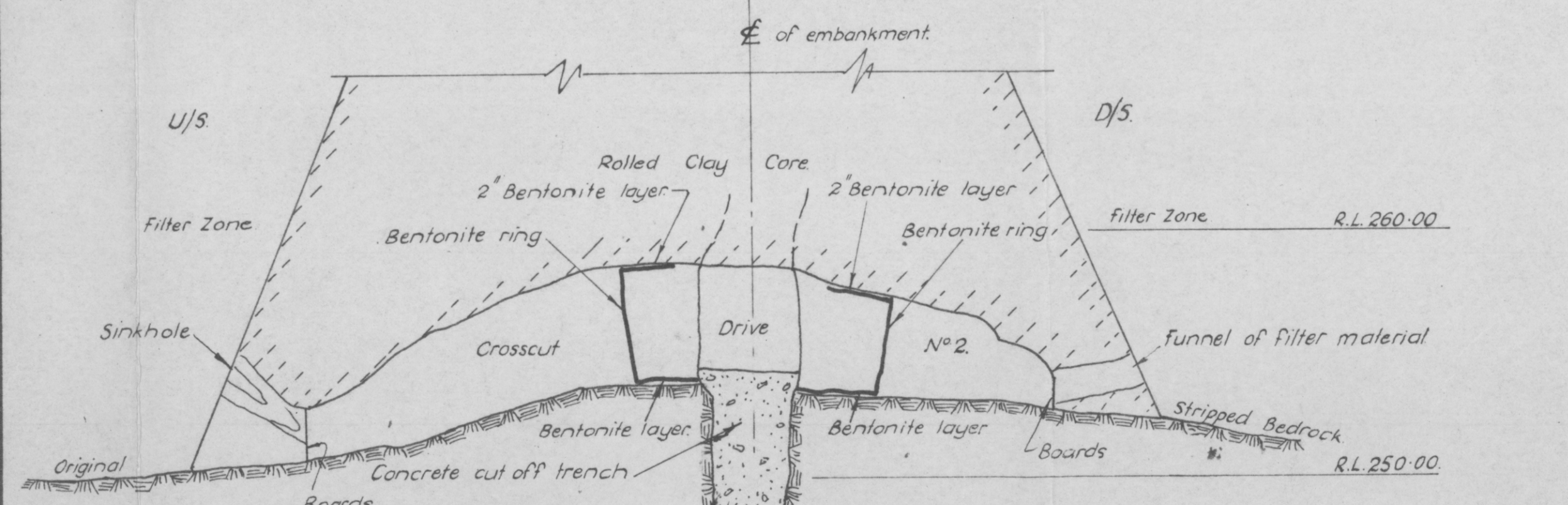
Water test holes 10'-0" or less depth. N.B. All holes drilled before cut-off trench started.  
 Water test holes 15'-0" depth.  
 Scale: 1" = 5'-0"

HOLE NO	DEPTH	ANGLE TO HORIZ	P.S.I.	LEAKAGE G.P.M.	REMARKS
1	6'	57°	16.5	1.9 in 15 min @ 12'	2 in 2nd 5 min
4	15'	37°	16.5	1.71	
5	8'	83°	16.5	1.1	connected to hole N° 8

For all other holes, leakage < 0.5 g.p.m. or not measurable.

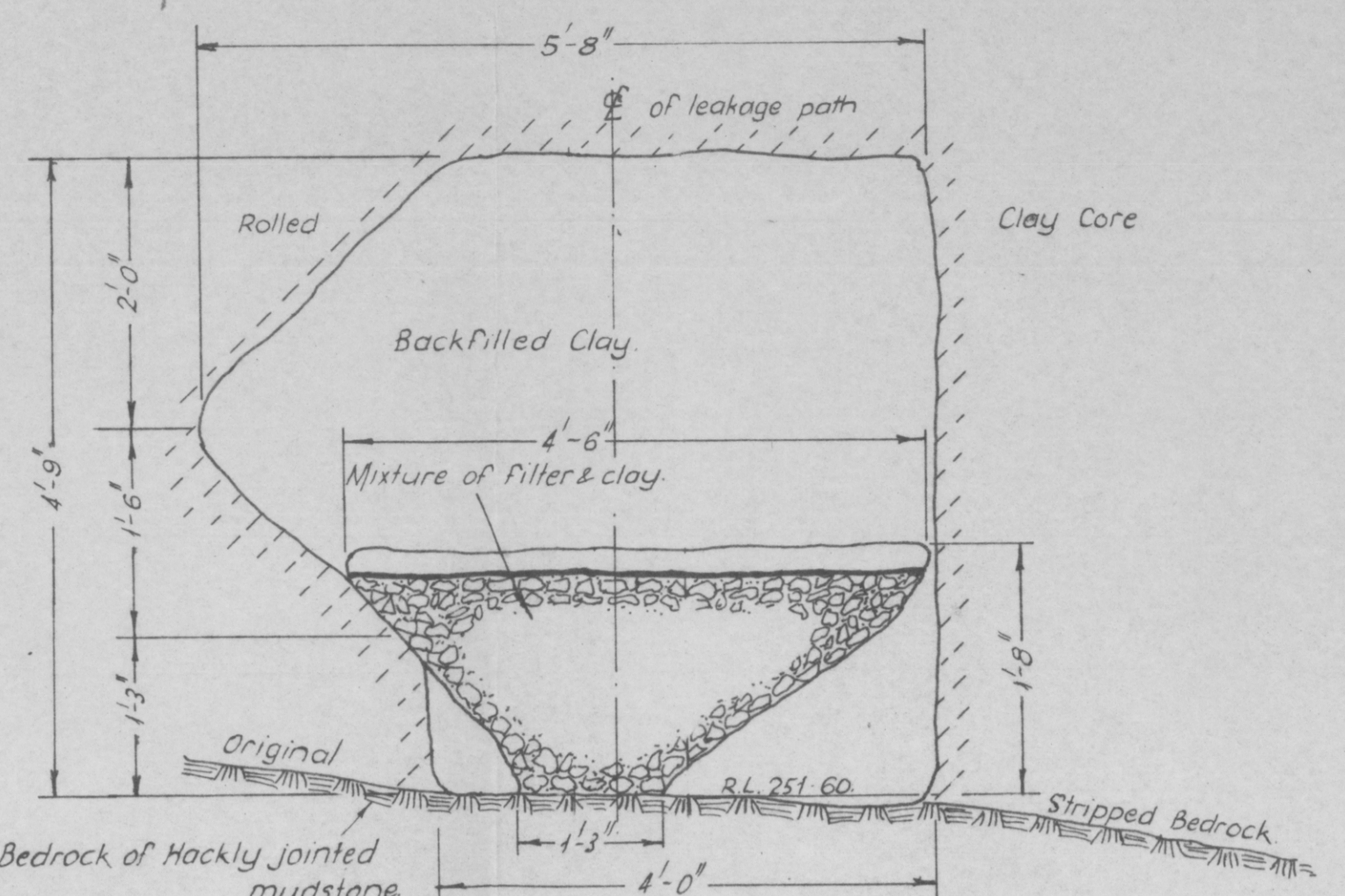


**SECTION B-B**  
Scale: 1" = 5'-0"

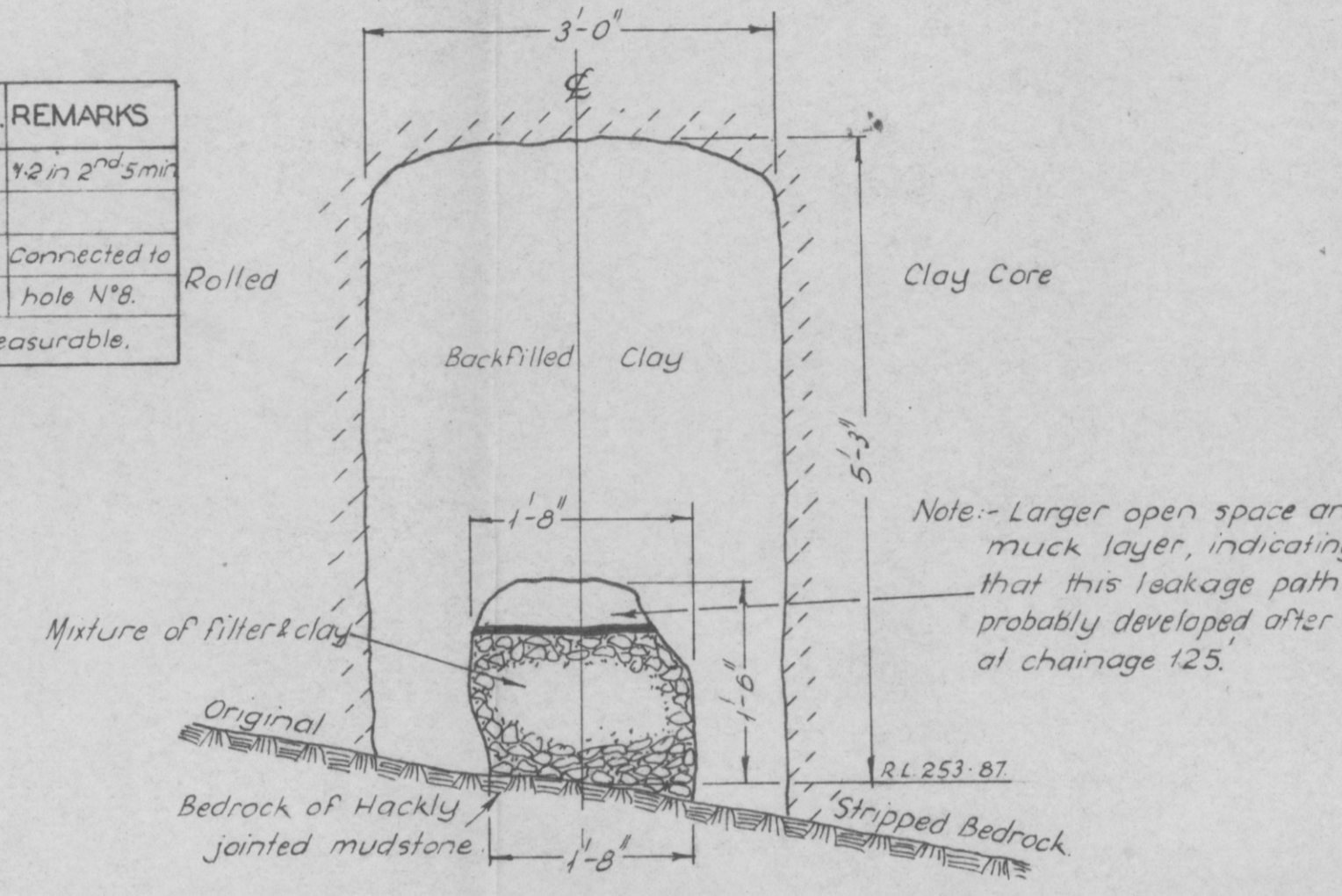


**SECTION C-C**  
Scale: 1" = 5'-0"

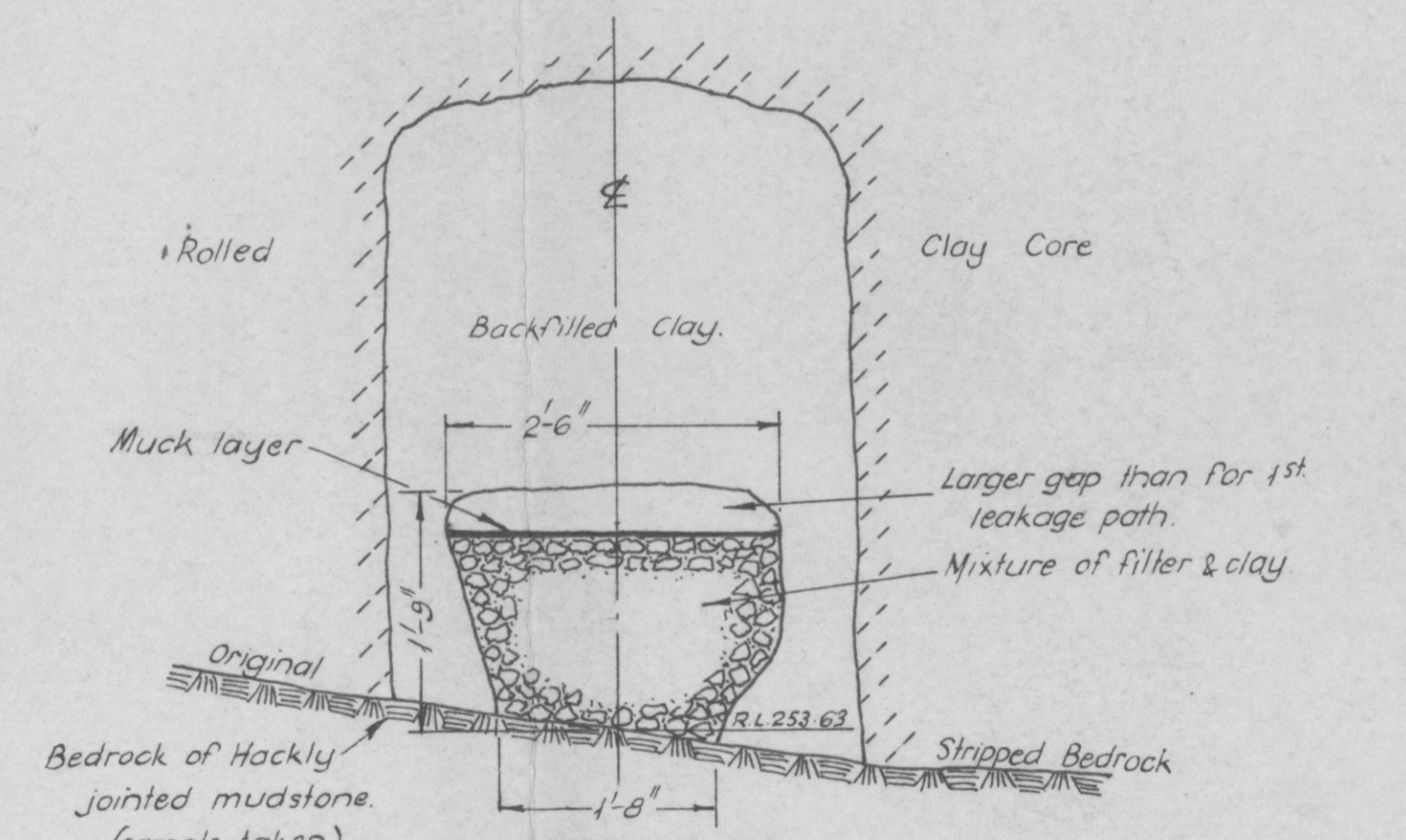
Notes:-  
 1. Re-excavation for insertion of Bentonite rings in the crosscuts extend 6' beyond existing roof and wall lines as shown, applicable only up to designated re-excavation line.  
 2. Up to 6" clay removed from above existing drive walls, whilst backfilling drive, to remove dry clay & shrinkage cracks.  
 3. All Bentonite rings are 12" deep, 4" thick continuous around floor, walls & roof of crosscuts at junction of original backfill clay.



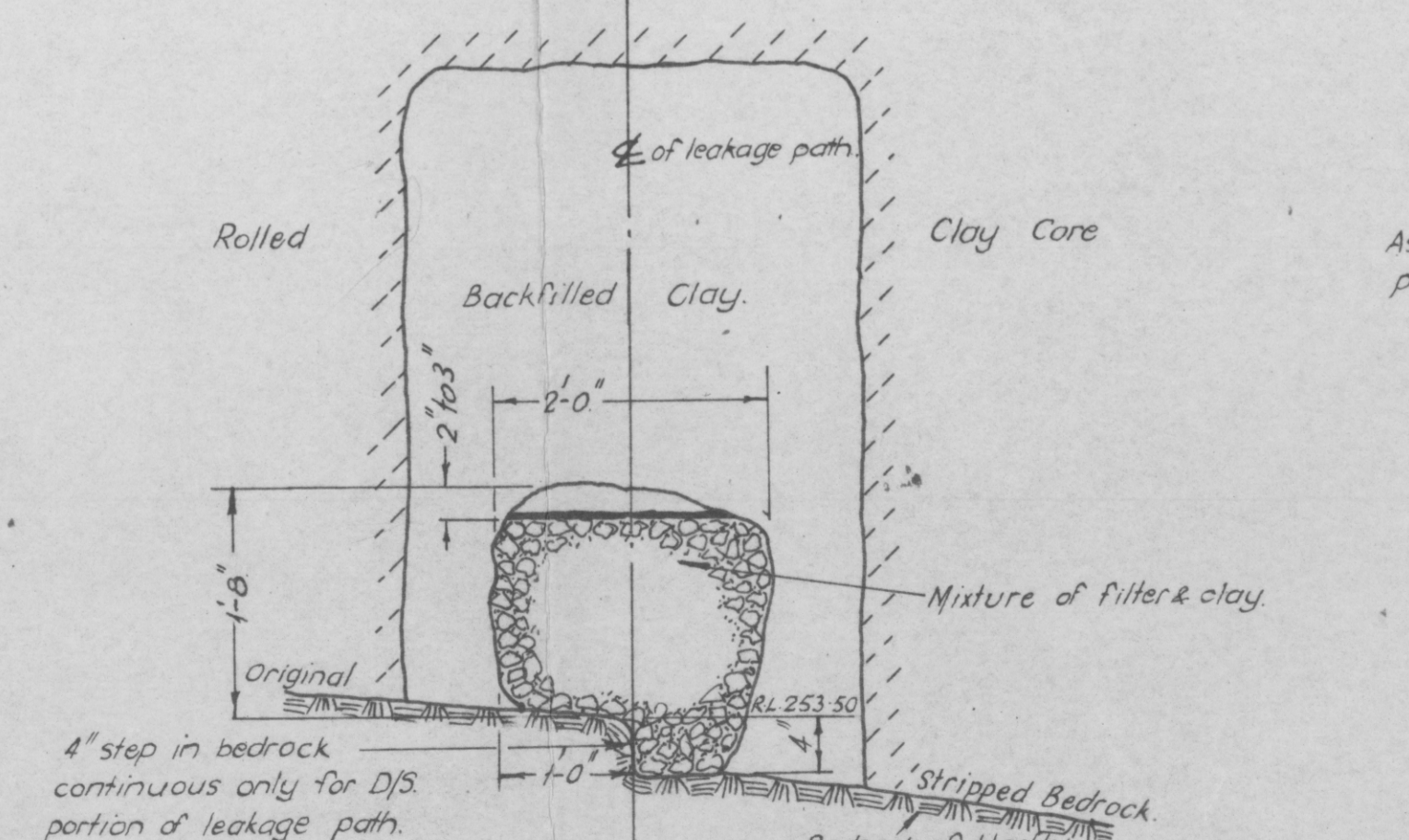
**SECTION E-E**  
Scale: 3/4" = 1'-0"



**SECTION D-D**  
Scale: 3/4" = 1'-0"

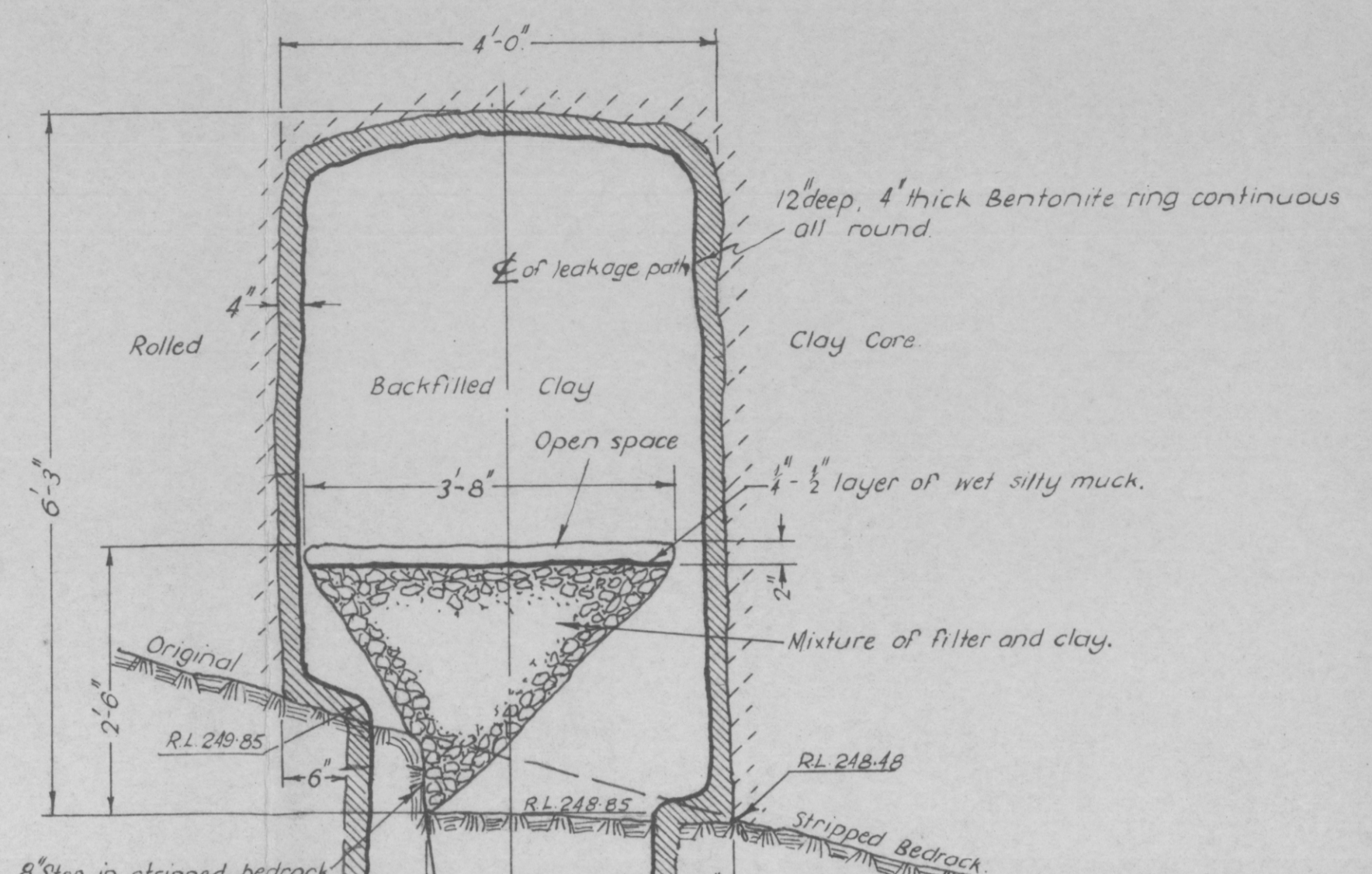


**SECTION FF**  
Scale: 3/4" = 1'-0"

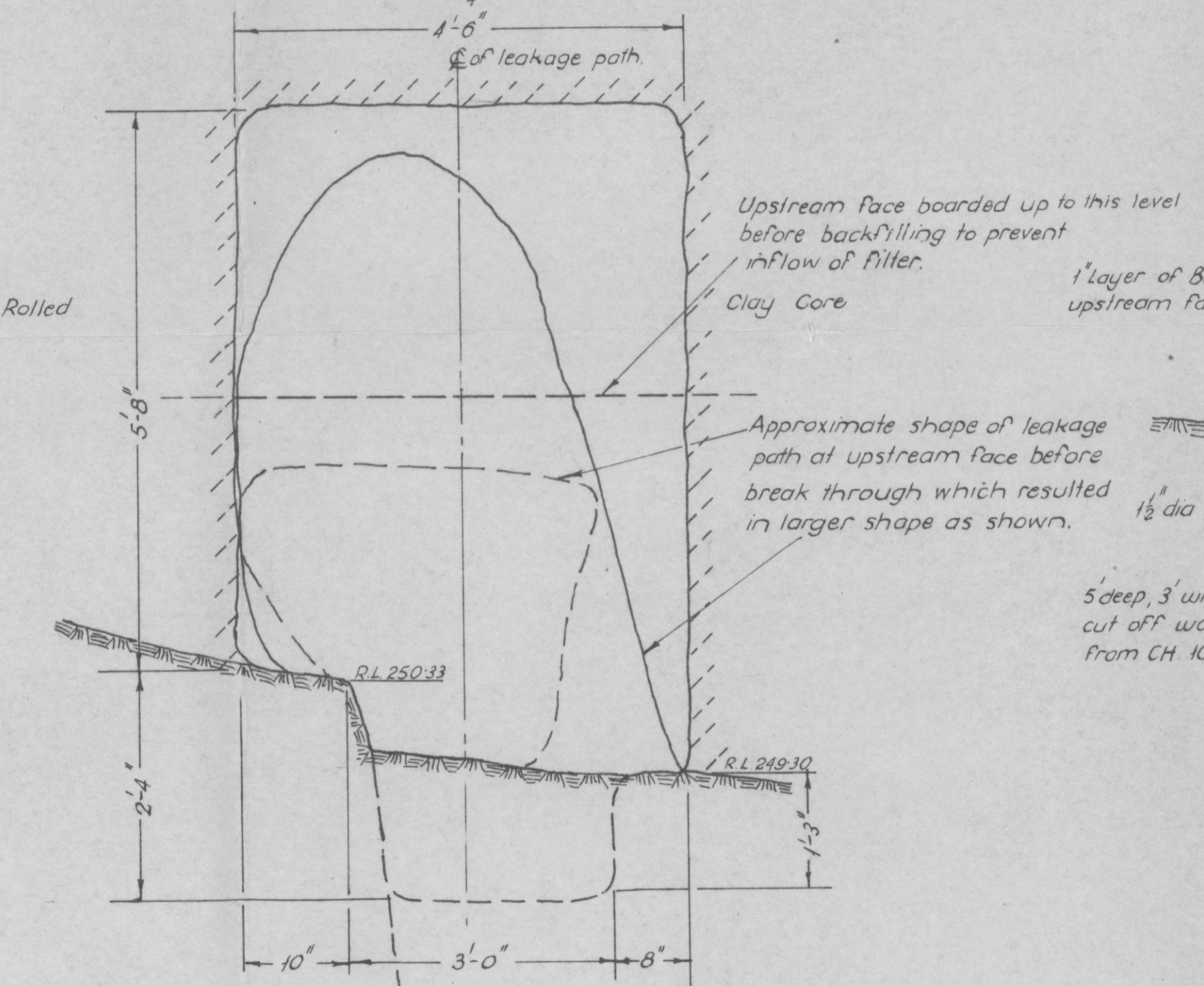


**SECTION G-G**  
Scale: 3/4" = 1'-0"

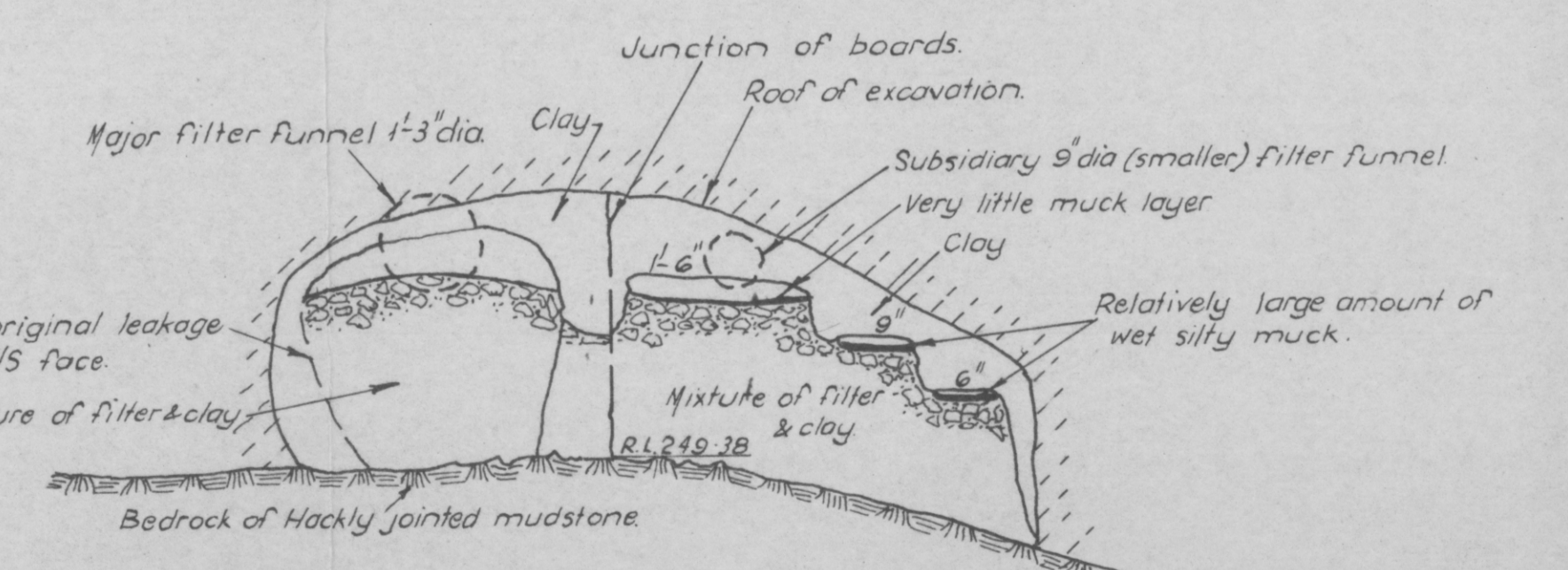
**SECOND LEAKAGE PATH**



**SECTION A-A**  
TYPICAL SECTION THROUGH 1st CROSSCUT  
Scale: 3/4" = 1'-0"



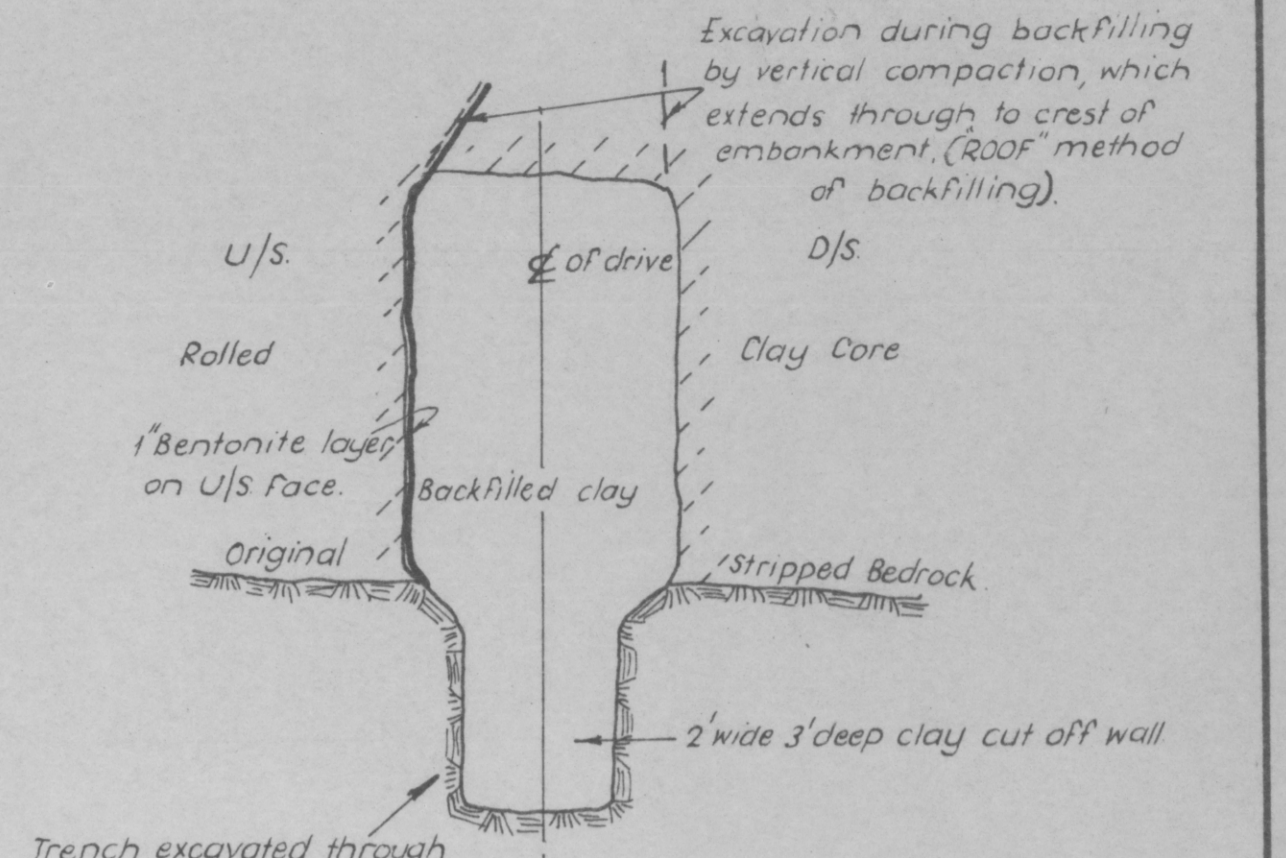
**SECTION HH**  
Scale: 3/4" = 1'-0"



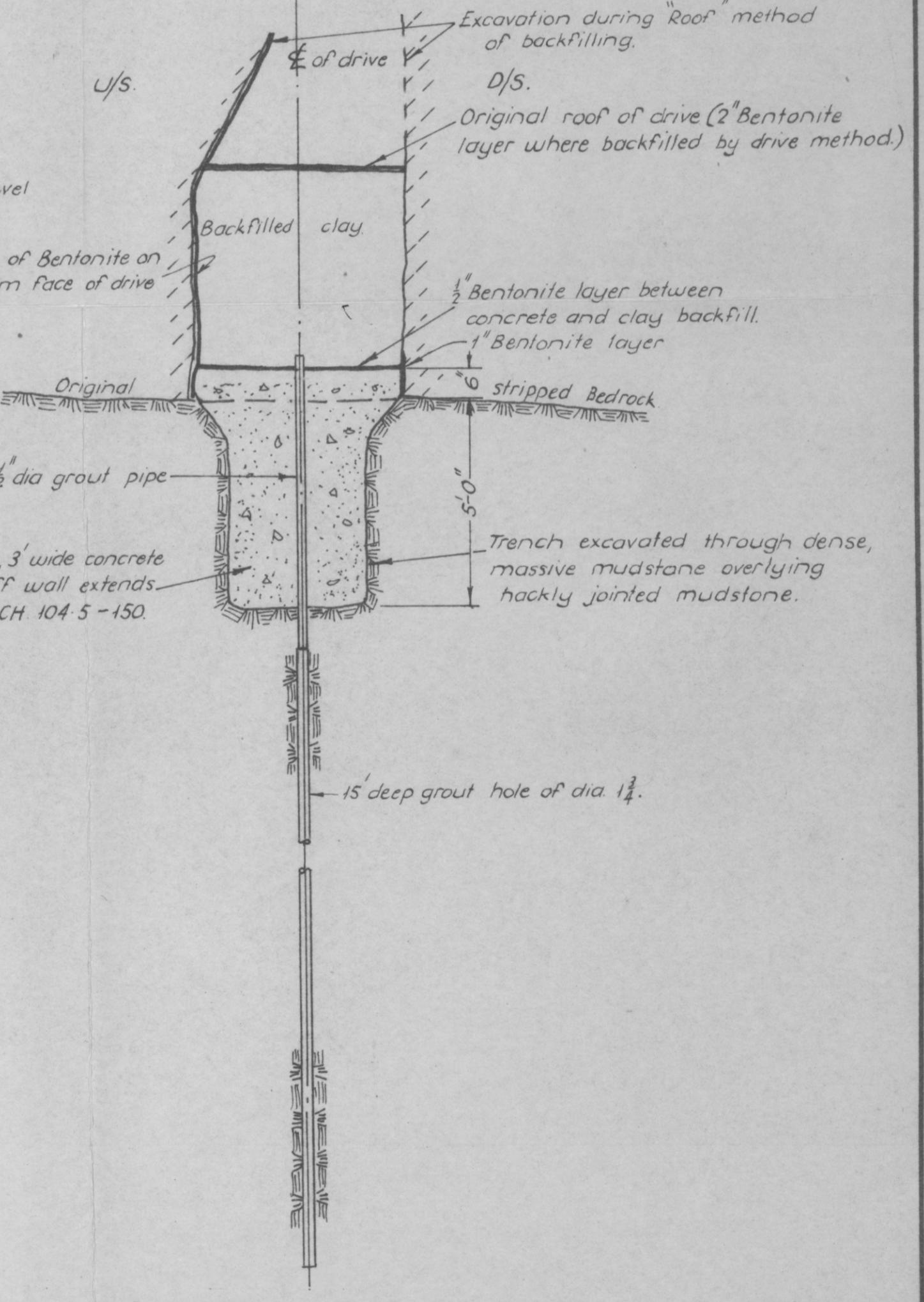
**SECTION J-J**  
Scale: 3/4" = 1'-0"

Diagrammatic only, showing subsidiary leakage paths at D/S face of crosscut N°1, as they move progressively eastwards and downward.

**FIRST LEAKAGE PATH**



**TYPICAL SECTION OF DRIVE FROM CH.56-90.**  
Scale: 3/4" = 1'-0"



**DRIVE DETAIL**  
Scale: 3/4" = 1'-0"

Typical section of drive from CH 104.5-140.  
 Revision A. Water test results added.

© GUTTERIDGE HASKINS & DAVEY CONSULTING ENGINEERS  
 HOBART MELBOURNE LAUNCESTON.  
**MUNICIPALITY OF CLARENCE**  
**FLAGSTAFF GULLY DAM**  
**DETAILS OF LEAKAGE PATHS, DRIVE AND WATER TESTS**

SCALE	AS SHOWN	1521-30-16
DESIGNED	D. Kavanagh 28-1-64	
DRAWN	A. J. M.	
CHECKED	A. J. M.	
APPROVED	A. J. M.	

REVISION A 13-2-64

2392