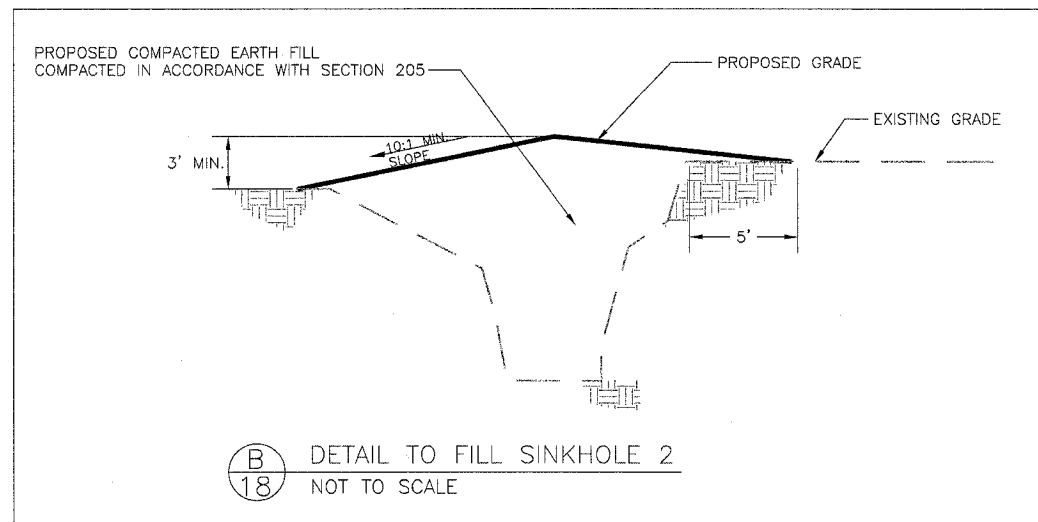


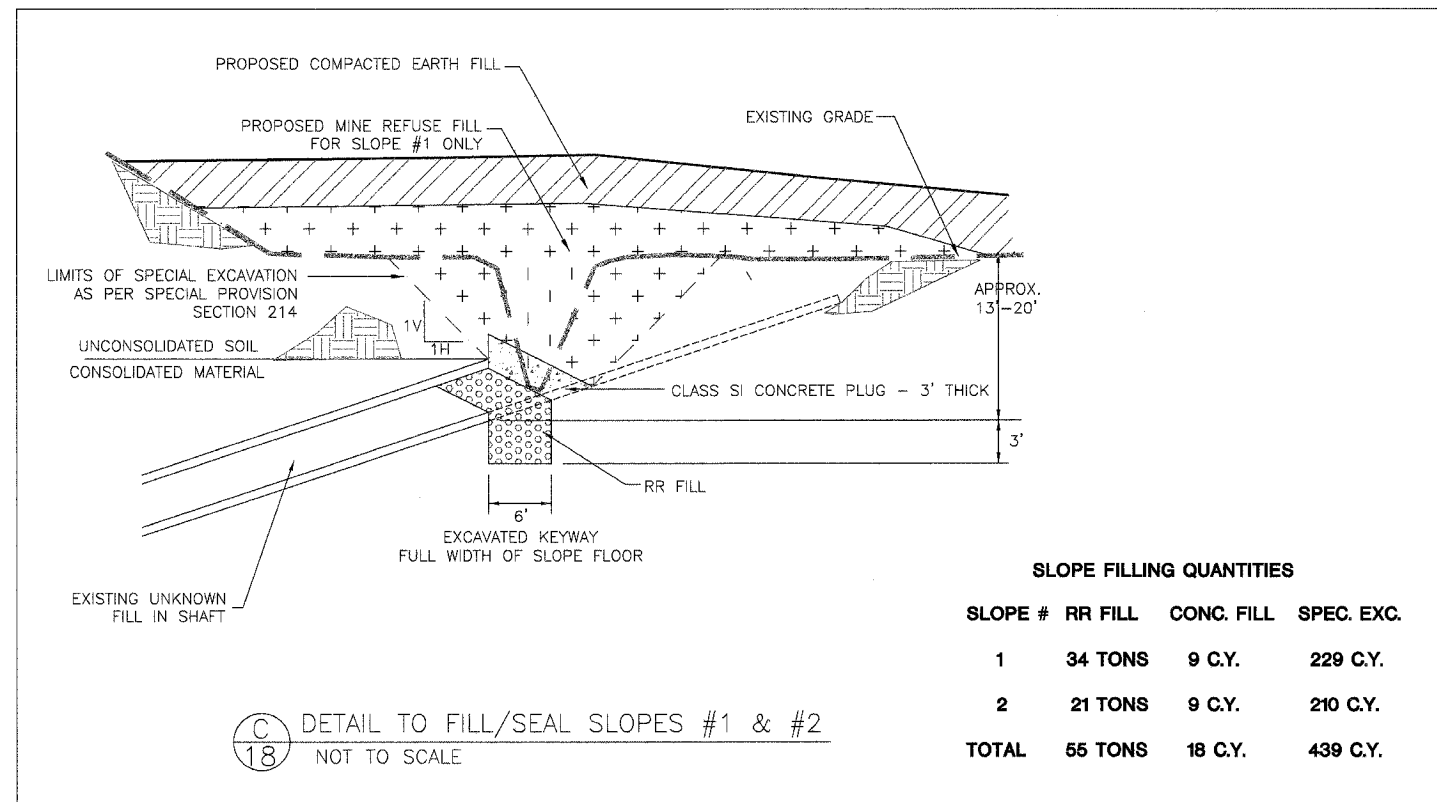
(A) **18** DETAIL TO FILL/SEAL SINKHOLES 1, 3-5
NOT TO SCALE

SINKHOLE FILLING QUANTITIES

SINKHOLE #	EARTH EXC.	FURNISHED EXC.	RR FILL	CONC. FILL	SPEC. EXC.
1		1564 C.Y.	25 TON	20 C.Y.	872 C.Y.
2		90 C.Y.			
3		474 C.Y.	25 TON	20 C.Y.	522 C.Y.
4		262 C.Y.	25 TON	20 C.Y.	738 C.Y.
5	117 C.Y.	329 C.Y.	25 TON	20 C.Y.	315 C.Y.
TOTAL	117 C.Y.	2719 C.Y.	100 TON	80 C.Y.	2447 C.Y.



(B) **18** DETAIL TO FILL SINKHOLE 2
NOT TO SCALE

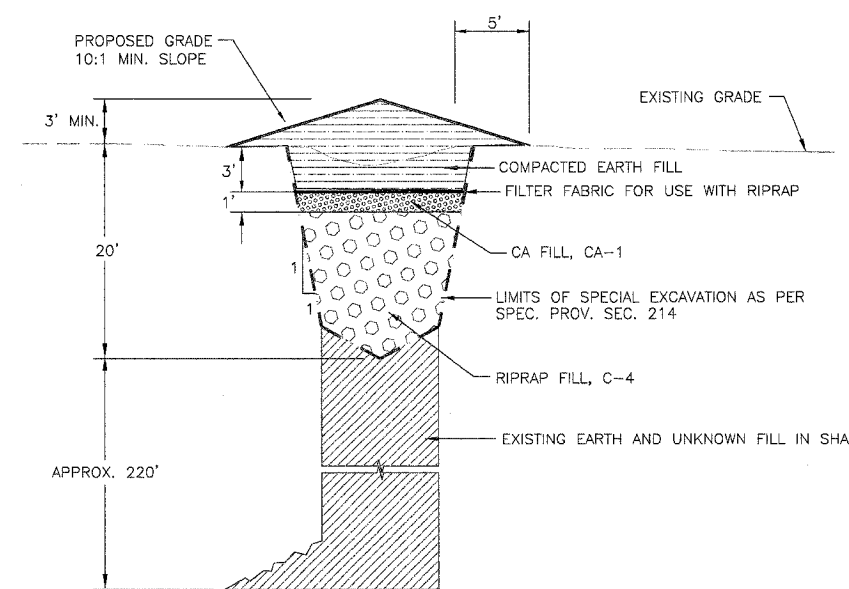


(C) **18** DETAIL TO FILL/SEAL SLOPES #1 & #2
NOT TO SCALE

SLOPE FILLING QUANTITIES

SLOPE #	RR FILL	CONC. FILL	SPEC. EXC.
1	34 TONS	9 C.Y.	229 C.Y.
2	21 TONS	9 C.Y.	210 C.Y.
TOTAL	55 TONS	18 C.Y.	439 C.Y.

NOTE:
THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE AREA OF THE SHAFTS DUE TO THE UNKNOWN CONDITION OF THE SHAFTS AND THE UNKNOWN STABILITY OF THE AREA AROUND THE SHAFTS. THE ENGINEER RESERVES THE RIGHT TO INCREASE OR DECREASE THE VOLUME OF SPECIAL EXCAVATION AND BACKFILLING MATERIALS REQUIRED. THE ENGINEER WILL MAKE THE DETERMINATION DURING CONSTRUCTION BASED ON THE EXACT CONDITIONS ENCOUNTERED DURING THE SPECIAL EXCAVATION PROCESS. AFTER INSTALLATION OF THE RIPRAP, THE CONTRACTOR SHALL TEMPORARILY FENCE THE EXCAVATION AND WAIT FOR 7 DAYS, PRIOR TO COMPLETION OF THE REMAINING FILL.



(D) **18** SHAFT FILLING DETAIL
NOT TO SCALE

SHAFT FILLING QUANTITIES

SHAFT	RR FILL	CA-1 FILL	FABRIC	SPEC. EXC.
MAIN	937 TONS	119 TON	267 S.Y.	1204 C.Y.
AIR	937 TONS	119 TON	267 S.Y.	1240 C.Y.
TOTAL	1874 TONS	238 TON	534 S.Y.	2408 C.Y.

Drawn By: _____ M.T. _____
Date: _____ May, 2007
Checked By: _____