

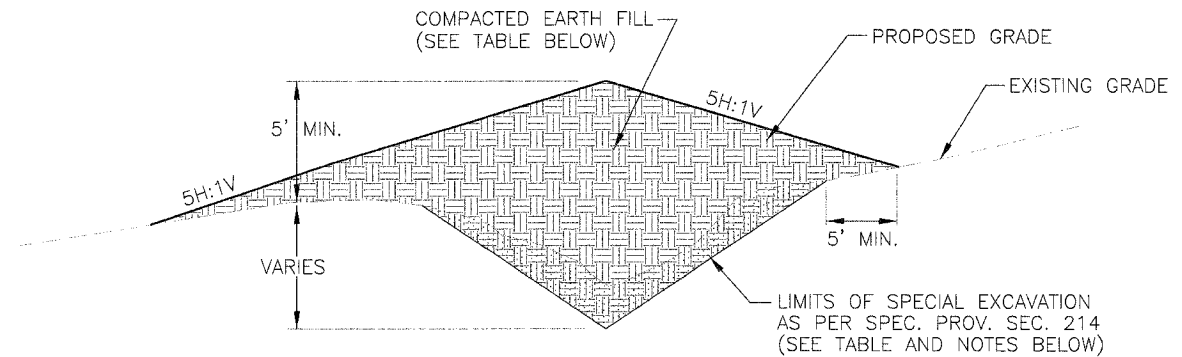
A-20 SEALED SINKHOLE DETAIL, #1 AND #2
NOT TO SCALE

SINKHOLES #1 AND #2	
SPECIAL EXCAVATION VOLUMES	
SINKHOLE #1	309 C.Y.
SINKHOLE #2	562 C.Y.
EARTH FILL VOLUMES	
SINKHOLE #1	1750 C.Y.
SINKHOLE #2	1610 C.Y.

SINKHOLES #3-#15			
SPECIAL EXCAVATION VOLUMES		EARTH FILL VOLUMES	
SINKHOLE #3	66 C.Y.	SINKHOLE #3	275 C.Y.
SINKHOLE #4	171 C.Y.	SINKHOLE #4	660 C.Y.
SINKHOLE #5	248 C.Y.	SINKHOLE #5	615 C.Y.
SINKHOLE #6	94 C.Y.	SINKHOLE #6,7,8&9	2350 C.Y.
SINKHOLE #7	249 C.Y.	SINKHOLE #10,11,12&13	1640 C.Y.
SINKHOLE #8	50 C.Y.	SINKHOLE #14	720 C.Y.
SINKHOLE #9	132 C.Y.	SINKHOLE #15	475 C.Y.
SINKHOLE #10	68 C.Y.		
SINKHOLE #11	92 C.Y.		
SINKHOLE #12	82 C.Y.		
SINKHOLE #13	45 C.Y.		
SINKHOLE #14	97 C.Y.		
SINKHOLE #15	119 C.Y.		

NOTES:

1. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE SINKHOLE AREAS DUE TO THE UNKNOWN CONDITION OF THE SINKHOLES AND THE UNKNOWN STABILITY OF THE SURROUNDING AREAS.
2. THE ENGINEER RESERVES THE RIGHT TO INCREASE OR DECREASE THE VOLUME OF SPECIAL EXCAVATION AND BACKFILLING OF MATERIALS REQUIRED. THE ENGINEER WILL MAKE THE DETERMINATION DURING CONSTRUCTION BASED UPON THE CONDITIONS ENCOUNTERED DURING THE SPECIAL EXCAVATION PROCESS.




B-20 TYPICAL FILLED SINKHOLE DETAIL, #3-15
NOT TO SCALE

SPACING LETTERS

2.0"	3.5"
1.5"	3.5"
1.5"	3.5"
1.5"	3.5"
3.5"	3.0"
3.5"	2.5"
1.5"	2.5"
3.5"	2.0"
1.5"	2.0"
2.0"	

RECLAMATION PROJECT
of the
DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS

ROD R. BLAGOJEVICH, GOVERNOR

 Sam Flood, Acting Director
Department of Natural Resources

In cooperation with the Office of Surface Mining
United States Department of the Interior

1. Furnishing, erecting and removing the sign shall be incidental to the contract.
2. The sign shall be painted on 1/2" or thicker exterior plywood (4' x 8'), color shall be black on white, and a 10" diameter Illinois state seal shall be provided by the D.N.R.
3. The posts shall be made of 4" x 4" wood or 2.5" metal pipe, and shall be 10' long. The sign shall be securely fastened to the posts with six 2.5" long, round head wood screws (for wood posts) or four 5" long, 3/8" diameter carriage bolts (for wood or metal posts).
4. The top of the sign shall be level with the top of the posts, and the posts shall be 1' from the edges of the sign. The posts shall be set in the ground 3', so that the bottom of the sign is 3' from the ground.

C-20 CONSTRUCTION SIGN DETAIL

NOT TO SCALE
EXACT LOCATION TO BE SET BY ENGINEER