



DIKE LOCATION				
POINT	AZIMUTH	DISTANCE	COORDINATES	
			EAST	NORTH
200	175°19'	1470'	1,412,228	604,547
201	208°19'	1100'	1,412,108	606,012
202	175°19'	330'	1,412,630	606,981
203	208°19'	2150'	1,412,603	607,310
204	278°08'	1727'	1,413,623	609,202
149-1A	278°08'	205'	1,413,333	608,958
149-1	278°08'	205'	1,415,536	608,929

APPROXIMATE QUANTITIES
 Hydraulic Fill *375,000 Cu. Yds.
 Gravel Surfacing 800 Cu. Yds.

*Net embankment quantity based on 4:1 inside slope; 12:1 outside slope.

NOTE

- SURFACING** Gravel surfacing 4" thick shall be applied for the full width of the dike, in accordance with section 210 of the TI Specifications.
- CLEARING** Area bounded on North by Ash Dike (Initial Fill), East by El. 365, South and West by earth dikes to be cleared of all trees, no stumping required.
- Profile of existing dike prior to July 1, 1954 and detailed cross sections, see dwgs. 10N215-519.
- Willow cuttings to be planted on lake side of dike from elevation 360, to top of dike.

Areas of the dike slopes above elev. 360 that are bare of vegetation shall be planted in the fall of 1954 to Italian rye grass at the rate of 50 lbs. per acre. No fertilizer or mulch is required.

REFERENCE DRAWINGS:
 10 BM 503-----BILL OF MATERIAL.
COMPANION DRAWINGS:
 10N212-----Drainage & Dike Details - Ash Disposal Area

Scale: 1"=500' Except as noted.

MAIN PLANT		
DIKE FOR ASH DISPOSAL AREA		
JOHNSONVILLE STEAM PLANT TENNESSEE VALLEY AUTHORITY DIVISION OF DESIGN		
SUBMITTED <i>A.M. Colby</i>	RECOMMENDED <i>A.G. Meyer</i>	APPROVED <i>A.C. Munn</i>
KNOXVILLE	7-16-52	30 C 4 ION503 R9
REVISIONS AS CONSTRUCTED <i>A.C. Munn</i> 11-15-54		

COMPANION DRAWING: 10N211
10H516-519

NO.	DATE	BY	CHKD.	SUPV.	INSP.	SUBM.	RECH.
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

1	2	3	4	5	6	7	8	9	10
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Drawn by: *A.C. Munn* 4-27-55 11-15-54