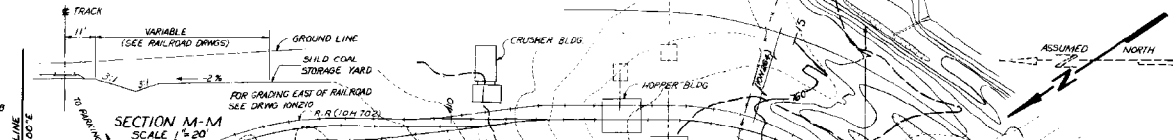
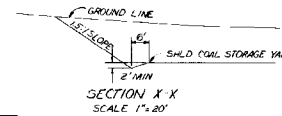
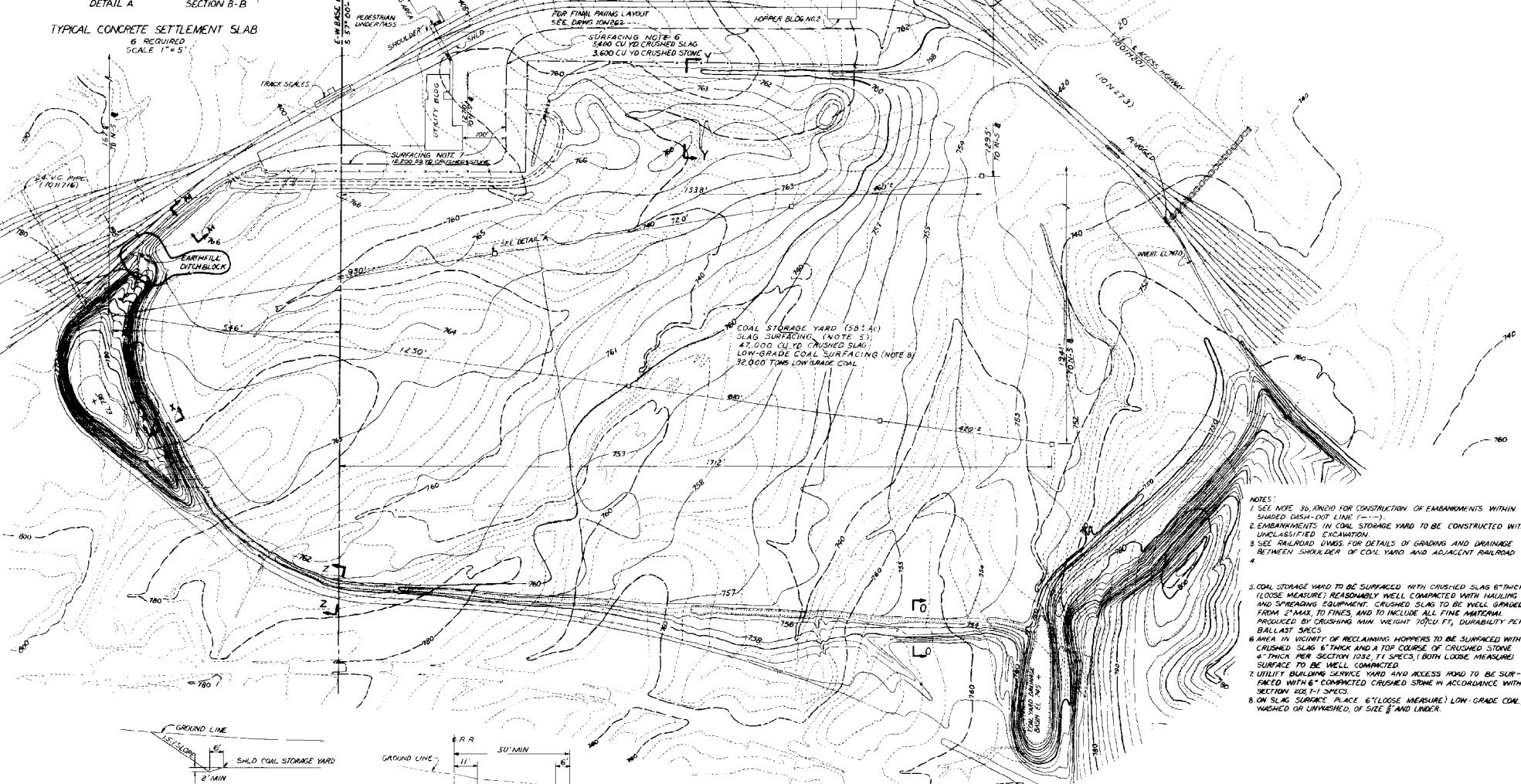


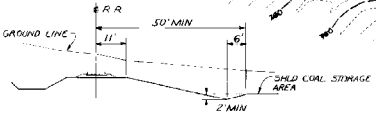
TYPICAL CONCRETE SETTLEMENT SLAB  
6 REQUIRED  
SCALE 1" = 5'



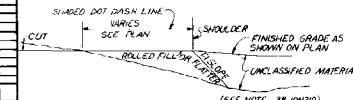
SECTION M-M  
SCALE 1" = 20'



SECTION X-X  
SCALE 1" = 20'



SECTION Z-Z



SECTION Y-Y  
TYPICAL EMBANKMENT SECTION  
NTS

SECTION O-O

- NOTES:
1. SEE NOTE 36, ION210 FOR CONSTRUCTION OF EMBANKMENTS WITHIN SHADDED DASH-DOT LINE.
  2. EMBANKMENTS IN COAL STORAGE YARD TO BE CONSTRUCTED WITH UNCLASSIFIED EXCAVATION.
  3. SEE RAILROAD DIMS FOR DETAILS OF GRADINGS AND DRAINAGE BETWEEN SHOULDER OF COAL YARD AND ADJACENT RAILROAD.
  - 4.
  5. COAL STORAGE YARD TO BE SURFACED WITH CRUSHED SLAG 6" THICK (LOOSE MEASURE) REASONABLY WELL COMPACTED WITH HAULING AND SPREADING EQUIPMENT. CRUSHED SLAG TO BE WELL SPREAD FROM 2" MAX. TO FINES, AND TO INCLUDE ALL FINE MATERIAL PRODUCED BY CRUSHING MIN. WEIGHT 70/100 FT. DURABILITY PER BALLAST SPECS.
  6. BANKS IN VICINITY OF RECLAIMING HOPPERS TO BE SURFACED WITH CRUSHED SLAG 6" THICK AND A TOP COURSE OF CRUSHED STONE 6" THICK PER SECTION 1036, T1 SPECS. (BOTH LOOSE MEASURE) SURFACE TO BE WELL COMBED.
  7. UTILITY BUILDING SERVICE YARD AND ACCESS ROAD TO BE SURFACED WITH 6" COMPACTED CRUSHED STONE IN ACCORDANCE WITH SECTION 425-1.1 SPECS.
  8. ON SLAG SURFACE, PLACE 6" (LOOSE MEASURE) LOW-GRADE COAL, WASHED OR UNWASHED, OF SIZE 8" AND UNDER.

ESTIMATED GRADING QUANTITIES  
(WITHIN SHOULDER LIMITS OF COAL YARD  
ONLY; DOES NOT INCLUDE EMBANKMENTS  
CLASSIFIED IN NOTE 1) AND ADJACENT  
RAILROAD QUANTITIES)

EXCAVATION 494,000 CU YDS  
EMBANKMENTS 885,000 CU YDS

SCALE 1" = 100'  
EXCEPT AS NOTED  
COMPANION DRAWING: ION210

NO.	DATE	DESCRIPTION
1		PREPARED BY: [Signature]
2		CHECKED BY: [Signature]
3		DESIGNED BY: [Signature]
4		APPROVED BY: [Signature]
5		DATE: 8-30-51

INSPECTED AND APPROVED FOR ISSUE	
PRINT	SIZE
DATE	SCALE

MAIN PLANT		
GENERAL GRADING PLAN		
COAL YARD		
KINGSTON STEAM PLANT		
TENNESSEE VALLEY AUTHORITY		
DIVISION OF ENGINEERING DESIGN		
SUBMITTED	RECOMMENDED	APPROVED
[Signature]	[Signature]	[Signature]
KNOXVILLE	8-30-51	36 C 4 ION211 R 6
RECORD DRAWING AS CONSTRUCTED		