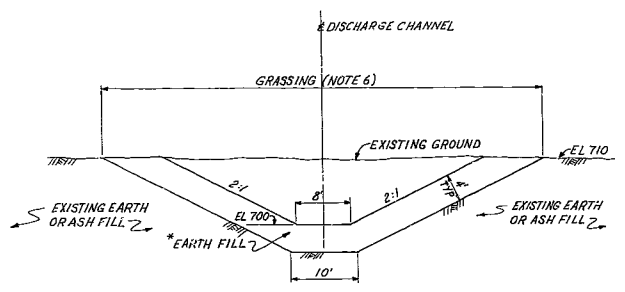
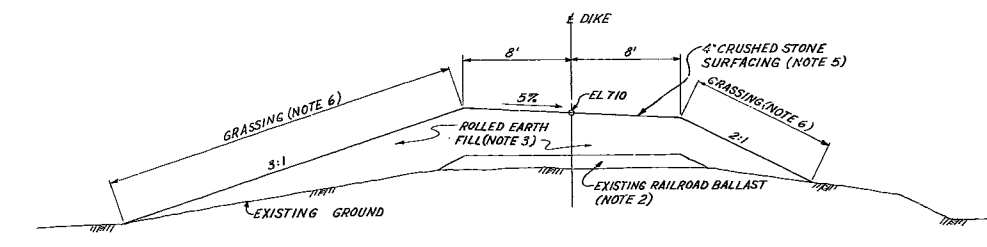


PLAN

- NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH T-1 SPECIFICATIONS, EXCEPT AS NOTED.
 2. DIKE FOUNDATION SHALL HAVE ALL WEAK SURFACE SOILS AND EXISTING RAILROAD AND BALLAST REMOVED TO SUITABLE MATERIAL THAT WILL EASILY BEAR THE WEIGHT OF LOADED RUBBER-TIRED EARTH HAULING EQUIPMENT.
 3. EARTH COMPACTION SHALL BE DONE WITH SHEEPSFOOT ROLLERS AND BE AT LEAST 95% OF STANDARD PROCTOR MAXIMUM DENSITY (ASTM D698). FILL MOISTURE SHALL BE CONTROLLED TO ACHIEVE OPTIMUM COMPACTION.
 4. WHEN CONNECTING THE ENDS OF THE BOTTOM ASH POND TO EXISTING FEATURES, EXTREME CARE SHALL BE TAKEN TO INSURE AN IMPERVIOUS AND STABLE CONNECTION. THE EXISTING SURFACE SHALL BE STRIPPED OF ALL VEGETATION AND UNSUITABLE MATERIAL AND SCARIFIED TO A MINIMUM DEPTH OF 6 INCHES AND COMPACTED SO AS TO FORM A BOND WITH THE NEW FILL.
 5. CRUSHED STONE OR GRAVEL SURFACING, 4 INCHES THICK, SHALL BE APPLIED FOR THE FULL WIDTH OF TOP OF DIKE IN ACCORDANCE WITH SECTION 210.
 6. ALL FILL SLOPES AND OTHER DISTURBED AREAS SHALL BE SEEDED WITH TYPE T MIXTURE A IN ACCORDANCE WITH SECTION 180. ALL GRASSED AREAS SHALL BE FERTILIZED AND MULCHED IN ACCORDANCE WITH SECTIONS 180 & 182 RESPECTIVELY.
 7. FIELD TO INSPECT ALL CONVEYOR STEEL COLUMNS AND BASES WITHIN THE ASH DISPOSAL POND FOR STRUCTURAL INTEGRITY. PROVIDE PROTECTIVE COATINGS OF PAINT AS REQUIRED TO EL 708 IN ACCORDANCE WITH CONSTRUCTION SPECIFICATION 6-14, SECTION IX.
 8. THE EXISTING RAILROAD (MAIN PLANT TRACK) SHALL BE REMOVED AS REQUIRED BY THE FIELD FOR THE CONSTRUCTION OF THE CHANNEL TO THE FLY ASH AREA AND THE RAISING OF THE BOTTOM ASH DISPOSAL AREA DIKE. THE RAILROAD SHALL NOT BE RECONSTRUCTED.



SECTION A-A
TYPICAL SECTION THRU DISCHARGE CHANNEL
SCALE 1"=10'



B-B
TYPICAL SECTION THRU RAISED DIKE
BOTTOM ASH DISPOSAL AREA
SCALE 1"=5'

FIRST ISSUE FOR PA. 3076

REV. NO.	ECN. NO.	DATE	ISSN	DESIGNED	DRAWN	CHECKED	INSP.	APPROVED
DESIGN: <i>Ed. E. Beck</i>			INSP.					
DRAWN: <i>Ed. E. Beck</i>			ENGINEER: <i>R. W. Burdett</i>					
CHECKED: <i>W. L. Glover</i>			APPROVED: <i>W. L. Glover</i>					
SCALE: 1"=50'			EXCEPT AS NOTED					
MAIN PLANT								
BOTTOM ASH DISPOSAL AREA CHANNEL TO FLY ASH AREA & RAISING DIKE								
WATTS BAR STEAM PLANT TENNESSEE VALLEY AUTHORITY DIVISION OF ENGINEERING DESIGN								
SUBMITTED: <i>R. W. Burdett</i>			RECOMMENDED: <i>R. W. Burdett</i>			APPROVED: <i>R. W. Burdett</i>		
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