



NOTE:
SPACER BARS BY FIELD
NOTE:
USE VERTICAL CONSTRUCTION JOINTS AT THIRD POINTS OF THE LENGTH WITH 6"x2" KEY. CHAMFER EXPOSED EDGES 3/4" LAP REINFORCING BARS A MINIMUM DISTANCE OF 36" DIAMETERS. DIMENSIONS TO REINFORCING ARE CLEAR DISTANCES TO FACE OF CONCRETE.

NOTES:
1. FOR ADDITIONAL NOTES SEE DWG 10N420.
2. SPILLWAYS, OUTLET PIPES AND HEADWALL WERE INSTALLED IN 1976. OUTLET PIPES ARE CRACKED AND JOINTS OPEN GENERALLY OVER HALF THE PIPE LENGTH TOWARD THE SPILLWAY. ALL PIPES ARE TO BE REMOVED AND REPAIRED. THE SPILLWAY BOXES AND HEADWALL ARE TO BE RAISED 2 FEET AND THE PIPES LAID TO NEW GRADE AS SHOWN ON SECTION DD-DD.
3. THE ROCK FILL SHOWN ON PLAN DETAIL A' AND SECTIONS DD-DD AND CC-CC IS THE ROCK FILL PLACED IN ACCORDANCE WITH THE REPORT FROM J. P. HILLIER STIVERS TO CIVIL ENGINEERING AND DESIGN BRANCH FILES, DATED AUGUST 27, 1976, COPIES TO DIVISION OF CONSTRUCTION (MR. HULL AND GENE FARMER) AMONG OTHERS. THE SPILLWAY BOXES AND PART OF THE OUTLET PIPE LENGTHS WERE INSTALLED ON THE ROCK FILL.
4. COMPACTED EARTH FILL IS TO BE PLACED ON THE ROCK FILL TO PROVIDE NEW FOUNDATION FOR THE SPILLWAY BOXES AND OUTLET PIPES. BEFORE THE EARTH FILL IS PLACED THE ROCK FILL SHALL BE TESTED FOR SOUNDNESS. SEVERAL PASSES OF HEAVY EARTHMOVING EQUIPMENT SHALL BE MADE ON THE ROCK FILL TO ENSURE THAT THE ROCK FILL IS STABLE AND NON-SETTLING. IT MUST BE ASSURED THAT THERE IS A MINIMUM OF 6" OF COMPACTED GRAVEL STONE ON THE ROCK FILL TO PREVENT MIGRATION OF COMPACTED EARTH FILL INTO ROCK FILL.
5. COMPACTED EARTH FILL SHALL BE PLACED TO 2 FEET ABOVE TOP OF PIPE IN ACCORDANCE WITH NOTE 4 ON DWG 10N420. TRINCHED AS SHOWN ON SECTION CC-CC, THE OUTLET PIPES LAID, AND THE PIPES BACKFILLED IN ACCORDANCE WITH NOTE 6 ON DWG 10N420. THE SPILLWAY BOXES SHALL BE BUILT ON THE COMPACTED EARTH FILL AND A NEW HEADWALL CONSTRUCTED. THE EARTH FILL AROUND THE SPILLWAY BOXES SHALL BE REMOVED TO 4 FEET OR LOWER WHEN THE INSTALLATION OF THE SPILLWAYS, PIPES, AND HEADWALL IS COMPLETE. THE EARTH FILL SHALL BE REMOVED FROM A STRIP 10' EACH SIDE OF THE CENTER LINE OF THE SPILLWAY BOXES AND EXTENDING COMPLETELY BETWEEN ALL SPILLWAYS.

NOTE A:
STRUCTURES TO BE ON FIRM FOUNDATION. IF NATURAL GROUND IS NOT FIRM REMOVE TO DEPTH OF 4' AND REPLACE WITH COMPACTED FILL.

SUPERSEDED BY
DATE 2/24/03
W.S. ELVARIES (733-741)

REV	DATE	ISSUED	BY	CHKD	APPV	REASON	AS CONST
1	10/24/71	10/24/71	J.P. HILLIER	J.P. HILLIER	J.P. HILLIER	AS CONST	
2	10/24/71	10/24/71	J.P. HILLIER	J.P. HILLIER	J.P. HILLIER	AS CONST	
3	10/24/71	10/24/71	J.P. HILLIER	J.P. HILLIER	J.P. HILLIER	AS CONST	
4	10/24/71	10/24/71	J.P. HILLIER	J.P. HILLIER	J.P. HILLIER	AS CONST	
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50	10/24/71	10/24/71	J.P. HILLIER	J.P. HILLIER	J.P. HILLIER	AS CONST	

ASH POND DIKE

SECTION & DETAILS

KINGSTON STEAM PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

SUBMITTED	RECOMMENDED	APPROVED
INSPECTED AND APPROVED FOR ISSUE		
DATE 2/24/03		
NO. 10N421 R1		
RECORD DRAWING AS CONSTRUCTED		

? Change the 10N421
10/24/71-1 ?????