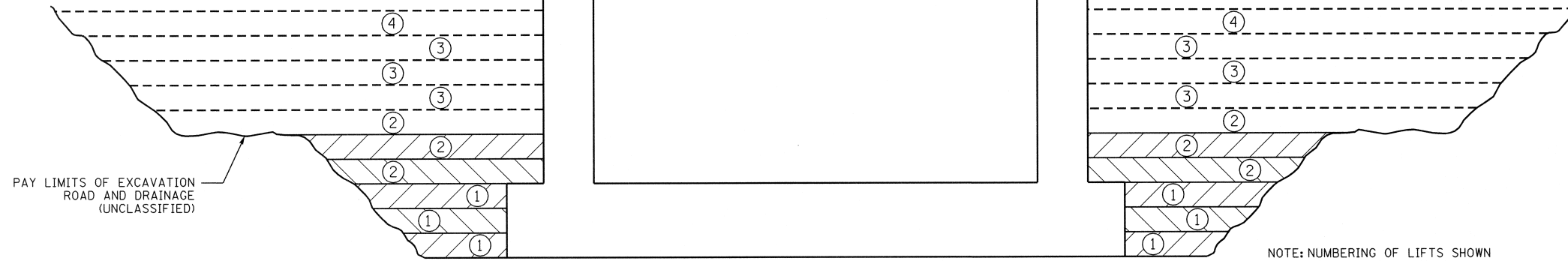


CONST. NO.			
PROJECT NO.	YEAR	SHEET NO.	
	2010		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

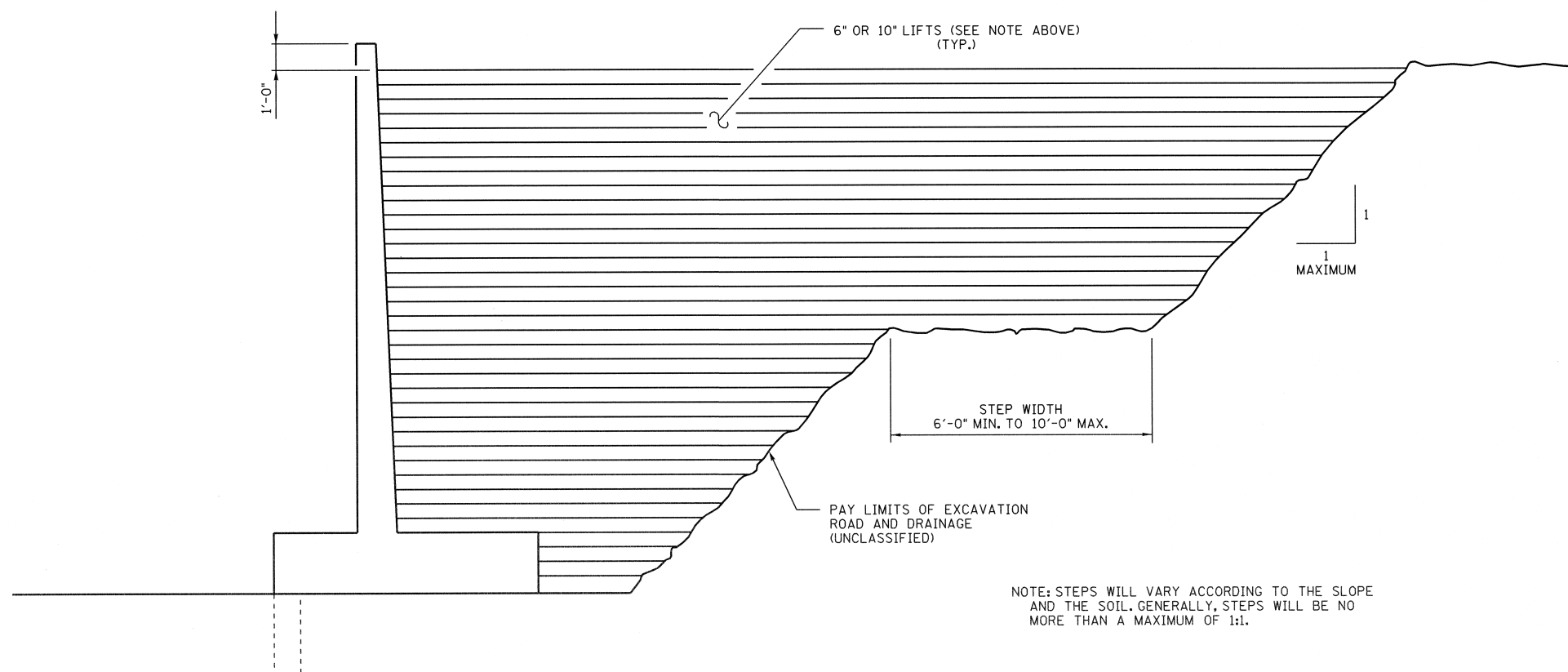
NOTE: UNIFORM BACKFILLING IS REQUIRED TO PREVENT SLIDING OR RACKING OF THE STRUCTURE DUE TO UNEQUAL LOADING. THE MAXIMUM DEVIATION FROM EQUAL BACKFILLING REQUIREMENTS SHALL BE 30 INCHES.

NOTE: LOOSELY-PACKED LIFTS WHICH WILL BE TAMPED MECHANICALLY SHALL NOT BE MORE THAN SIX INCHES. IF TAMPING ROLLERS ARE USED, 10-INCH LIFTS ARE ACCEPTABLE.



NOTE: IF ANY PART OF THE STRUCTURE IS TO FUNCTION AS A RETAINER FOR BACKFILL - SUCH AS ABUTMENTS, RETAINING WALLS, WING WALLS, ARCHES, SIDE WALLS OF BOX CULVERTS OR MINOR STRUCTURES, THE BOUNDARY SLOPES SHOULD BE STEPPED IN ORDER TO PREVENT ANY WEDGE ACTION. SEE NOTE REGARDING BACKFILL ON DRAWING STD-17-2 AND OTHER NOTES AND DETAILS ON DRAWING STD-17-17.

UNIFORM BACKFILL PLACEMENT
(BOX BRIDGE SHOWN; SLAB BRIDGES SIMILAR)



NOTE: STEPS WILL VARY ACCORDING TO THE SLOPE AND THE SOIL. GENERALLY, STEPS WILL BE NO MORE THAN A MAXIMUM OF 1:1.

WINGWALL SECTION OF BACKFILL PLACEMENT
(BOX BRIDGE SHOWN; SLAB BRIDGE SIMILAR)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BACKFILL DETAILS

**STANDARD REINFORCED
CONCRETE BRIDGE
BOX AND SLAB TYPE**

2010

CORRECT *Edward P. Wasserman*
ENGINEER OF STRUCTURES

DESIGNED BY CMH / MAH DATE 12-09
DRAWN BY DIANE BUSH DATE 04-10
SUPERVISED BY RLH / JWP / MAH DATE 12-09
CHECKED BY _____ DATE _____