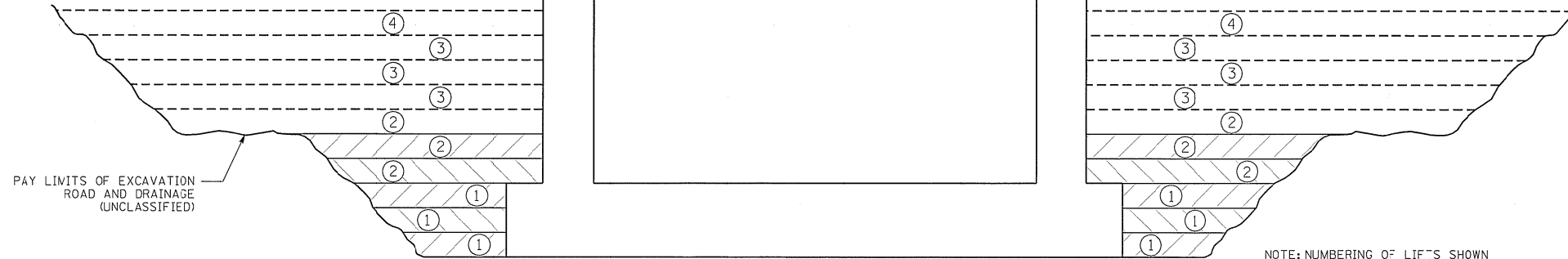


CONST. NO.		
PROJECT NO.	YEAR	SHEET NO.
	2000	

REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

NOTE: UNIFORM BACKFILLING HELPS SUPPORT THE STRUCTURE. THE MAXIMUM DEVIATION FROM EQUAL BACKFILLING REQUIREMENTS SHALL BE 30 INCHES.

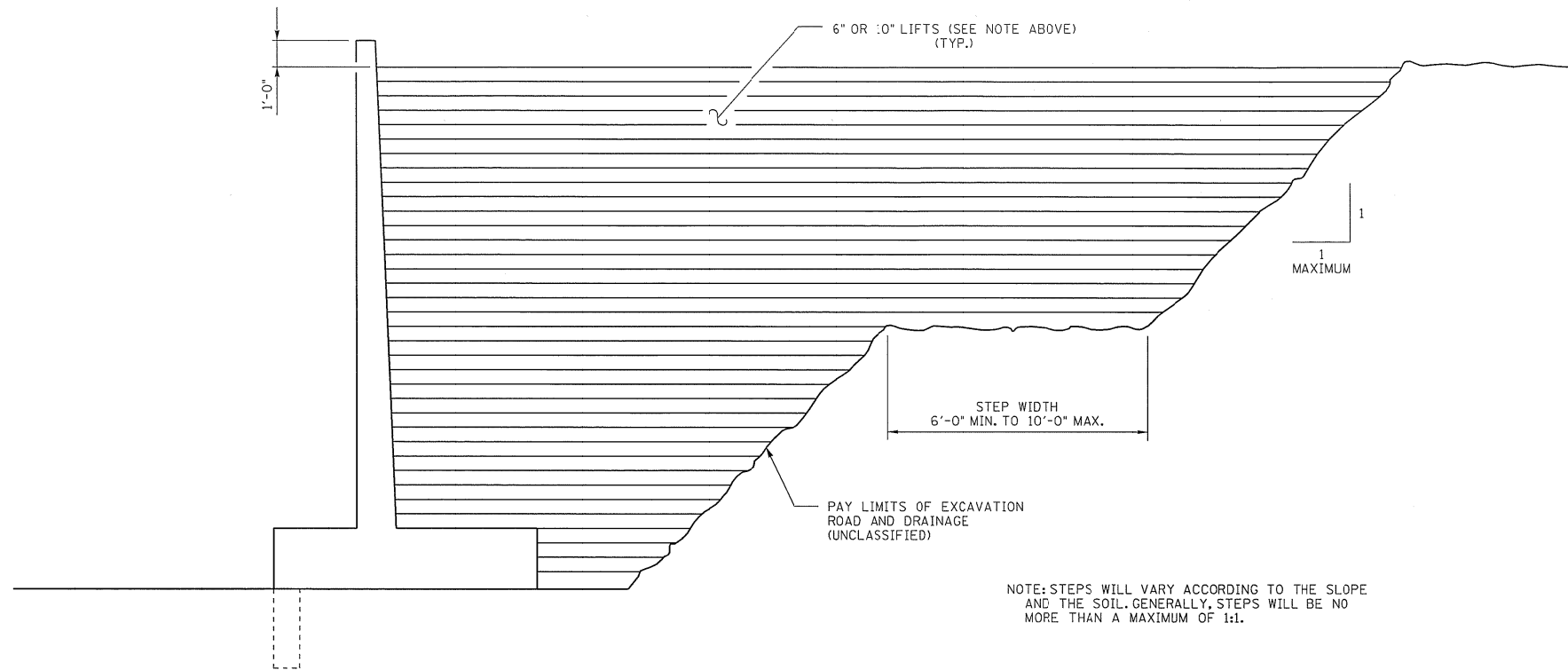
NOTE: ONCE BACKFILLING BEGINS, IT IS IMPORTANT FOR THE CONTRACTOR TO MAKE SURE THAT BACKFILL IS BROUGHT UP CONCURRENTLY ON BOTH SIDES OF THE BOX OR SLAB BRIDGE EXTERIOR WALLS. IF THIS IS NOT DONE, THE BOX OR SLAB BRIDGE COULD BE PUSHED OUT OF POSITION. USUALLY, LOOSELY PACKED LIFTS WHICH WILL BE TAMPED MECHANICALLY ARE NO GREATER THAN SIX INCHES. IF TAMPING ROLLERS ARE USED, 10-INCH LIFTS CAN BE USED.



NOTE: NUMBERING OF LIFTS SHOWN BASED ON 10 INCH LIFTS.

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-15-2 AND OTHER NOTES AND DETAILS ON DRAWING STD-15-14.

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
2000

CORRECT *Edward P. Wasserman*
ENGINEER OF STRUCTURES

DESIGNED BY _____ DATE _____
DRAWN BY DIANE BUSH DATE 12-99
SUPERVISED BY RLH/JWP/MAH DATE 12-99
CHECKED BY _____ DATE _____

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