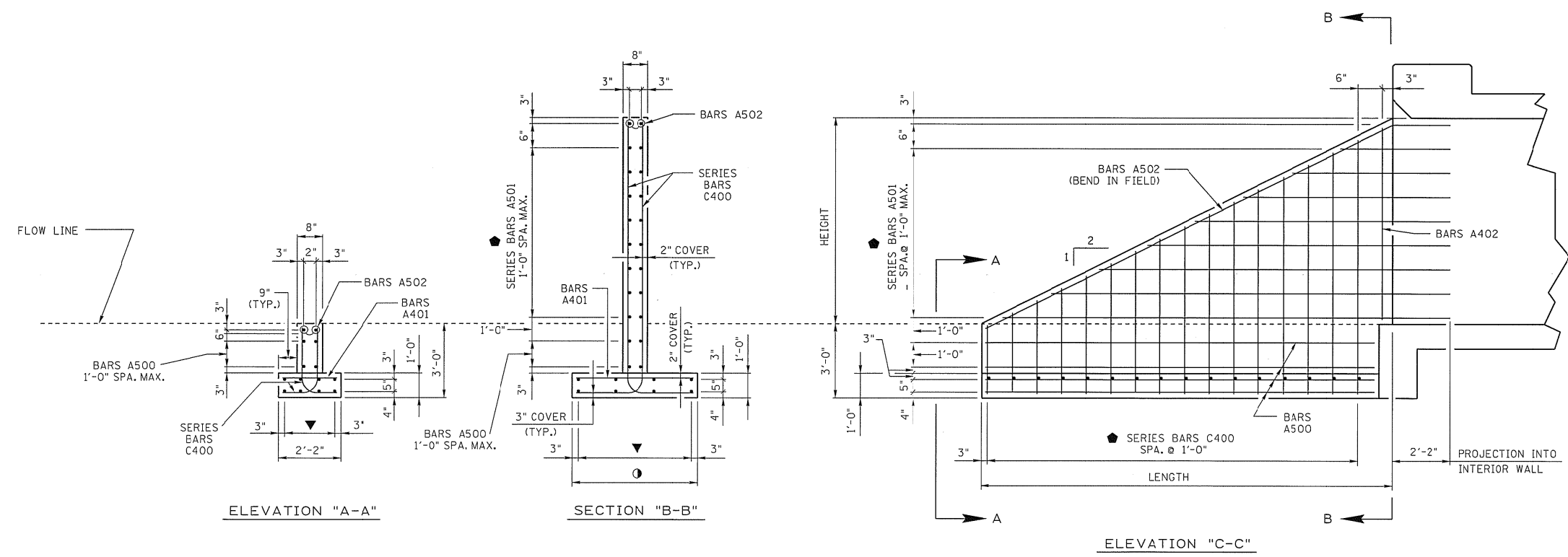


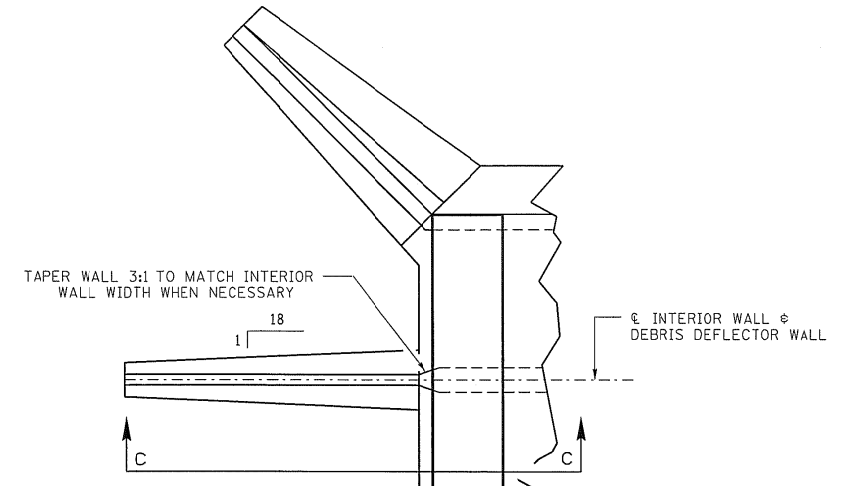
CONST. NO.			
PROJECT NO.	YEAR	SHEET NO.	
	2000		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



▼ DENOTES BARS A500 (TOP & BOTTOM) @ 3 EQUAL SPACES.
 ● DENOTES DIMENSION, NUMBER OF BARS, AND BAR SPACING (1'-0" MAX.) VARIES IN ACCORDANCE WITH HEIGHT OF CULVERT.
 ○ DENOTES FOOTING WILL TAPER 1:18 ON BOTH SIDES OF WALL. SEE TABLE FOR DIMENSION.

BOX BRIDGE DIMENSIONS AND QUANTITIES

HEIGHT (FEET)	LENGTH (FEET)	FOOTING WIDTH (FEET)	CLASS "A" CONCRETE (C.Y.)	STEEL BAR REINFORCEMENT (LBS.)
6	12	3'-6"	2.7	417
7	14	3'-9"	3.4	514
8	16	4'-0"	4.1	618
9	18	4'-2"	4.9	729
10	20	4'-5"	5.8	848
11	22	4'-8"	6.8	975
12	24	4'-10"	7.8	1108
13	26	5'-1"	8.9	1250
14	28	5'-4"	10.0	1399
15	30	5'-6"	11.2	1555
16	32	5'-9"	12.5	1719
17	34	6'-0"	13.9	1890
18	36	6'-2"	15.2	2068



BOX BRIDGE HALF PLAN

(2 BARREL SHOWN; 3 BARREL SIMILAR)
 (90° SKEW SHOWN; OTHER SKEWS SIMILAR)

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
**DEBRIS DEFLECTION WALL
 FOR BOX BRIDGE**
 STANDARD REINFORCED
 CONCRETE BRIDGE
 BOX AND SLAB TYPE

2000

CORRECT *Edward P. Wasserman*
 ENGINEER OF STRUCTURES

9/1/2000 12:00:00 workspace\dgn\std155.dgn
 08:48

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