

REVISIONS		
REV. NO.	DESCRIPTION	DATE

**DESIGN DATA**

CONCRETE CLASS A f'c = 3 K.S.I.  
 REINFORCING STEEL (GRADE 60) fy = 60 K.S.I.

LOADING:  
 HL-93 OR OKLAHOMA OVERLOAD TRUCK

DESIGN:  
 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 6th EDITION

**FOUNDATION DATA**

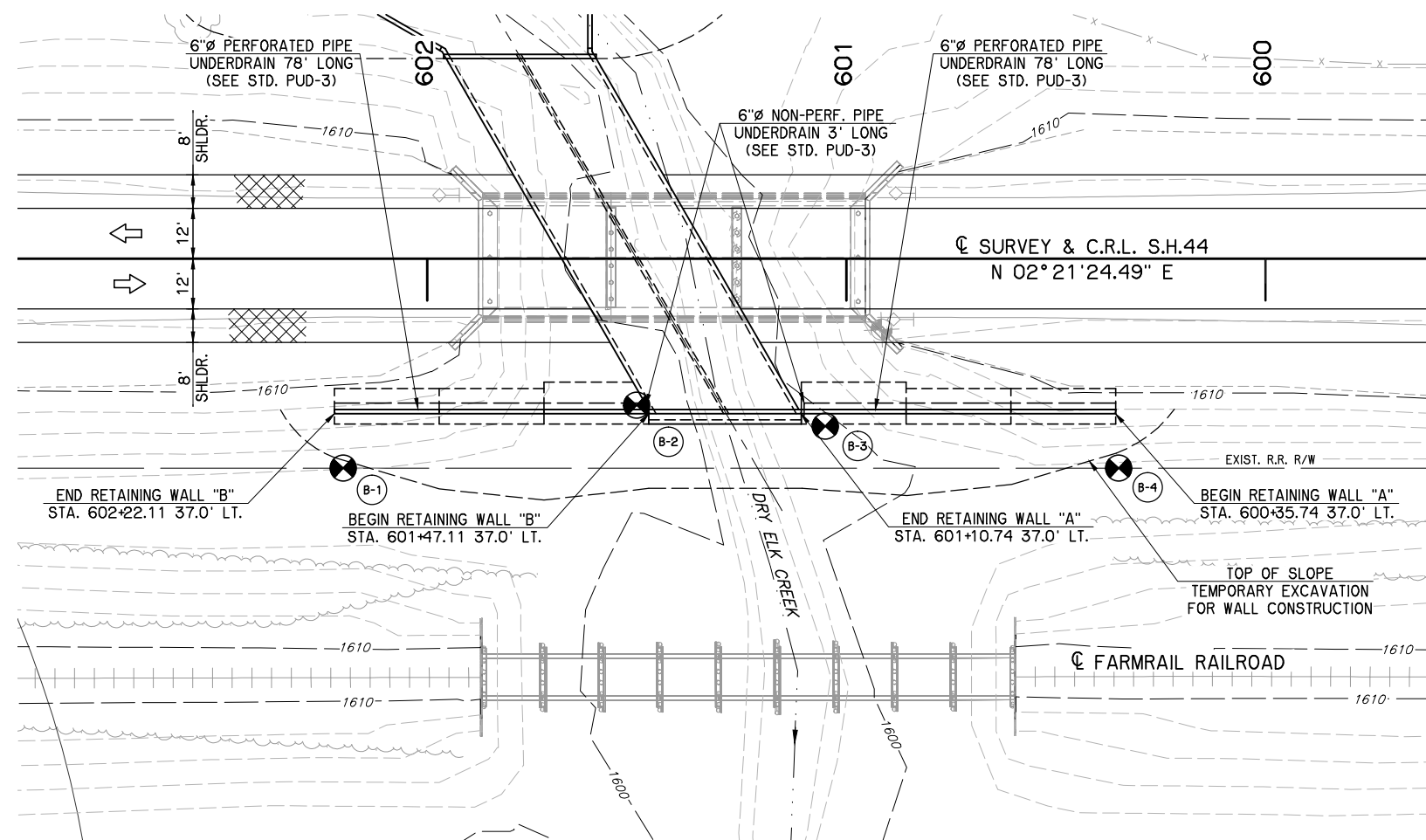
HP10x42 PILING

FACTORED PILE REACTION (TYPE 1) = 86.3 TON / PILE  
 FACTORED PILE REACTION (TYPE 2) = 57.0 TON / PILE  
 FACTORED PILE REACTION (TYPE 3) = 47.2 TON / PILE

FACTORED PILE RESISTANCE:  
 DRIVE PILING THROUGH THE COMPACTED FILL AND TO A POINT BEARING ON SOLID FOUNDATION MATERIAL AT THE APPROXIMATE ELEVATION SHOWN ON THE PLANS. IF A FACTORED AXIAL LOAD RESISTANCE EQUAL TO OR GREATER THAN THE FACTORED PILE REACTION IS NOT OBTAINED AT THIS ELEVATION, CONTINUE DRIVING UNTIL SUCH IS OBTAINED. THE LENGTH OF STEEL PILING SHOWN ON THE PLANS IS FOR ESTIMATING PURPOSES ONLY.

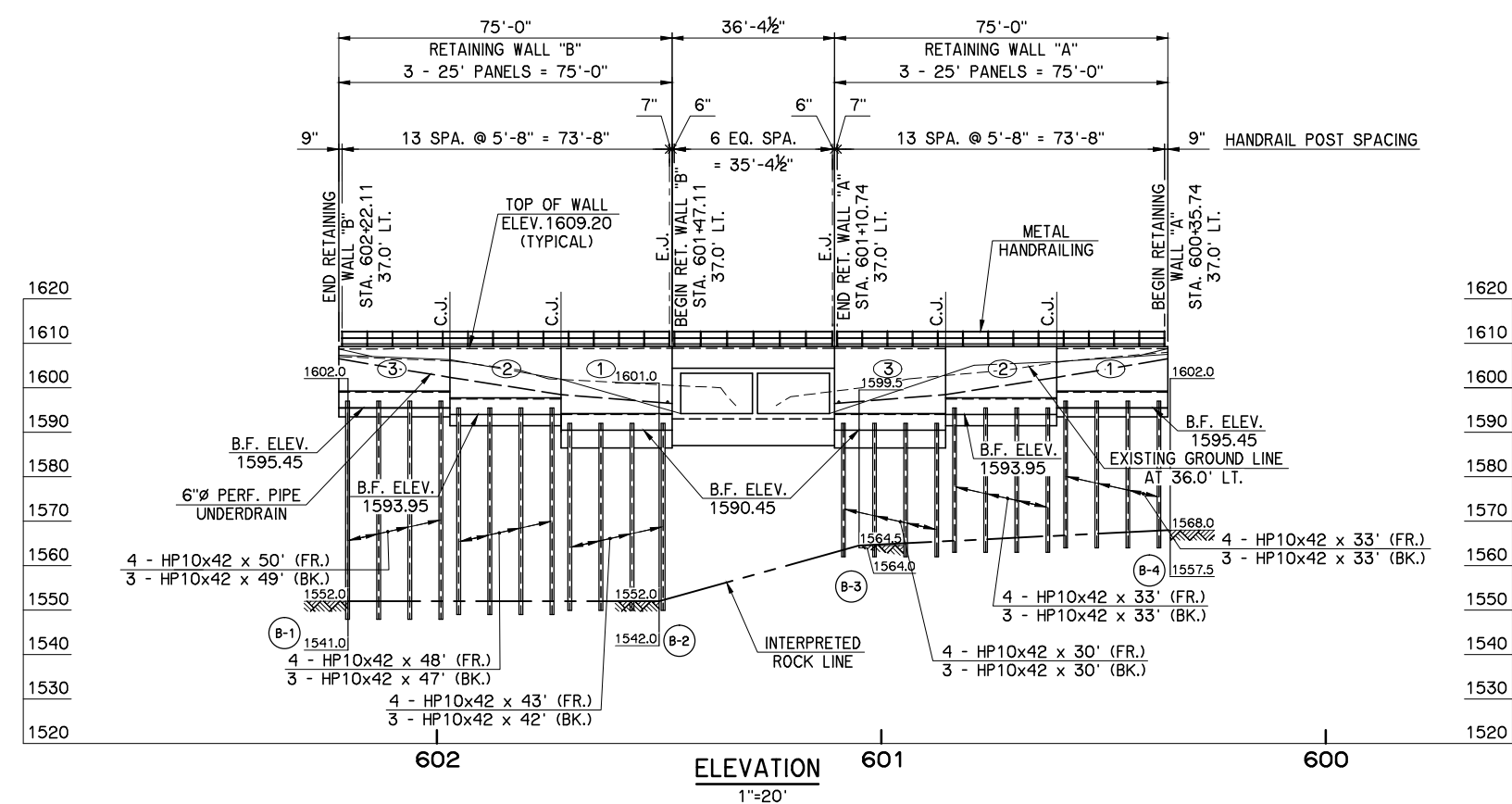
**STANDARDS**

PUD-3-2



BM #4  
 SET CUT "X" IN TOP OF CONC. FLUME  
 STA. 608+66.80 51.3' RT. ELEV. = 1606.69

BM #3  
 SET CUT "X" ON TOP OF CONC. WINGWALL  
 STA. 600+91.60 17.00' LT. ELEV. = 1613.12



NOTES:  
 B.F. DENOTES BOTTOM OF FOOTING.  
 C.J. DENOTES CONSTRUCTION JOINT.  
 E.J. DENOTES EXPANSION JOINT.  
 BACK PILES NOT SHOWN FOR CLARITY.

USE INTERPRETED ROCK LINE FOR ESTIMATING PURPOSES ONLY

S.H. 44 OVER DRY ELK CREEK RETAINING WALL A & B		WASHITA COUNTY		Design	AFW
PLAN AND ELEVATION				Detail	DRB
				Check	AFW
STATE OF OKLAHOMA DEPARTMENT OF TRANSPORTATION				WHITE ENGINEERING ASSOCIATES	
				JOB PIECE NO. 28774(O4)	

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