

DRAWING NAME: 32-92005 24 HDWL
LOCATION: D4 426
CENTER COORDINATES:
NUTATION ARCS
DATE LAST WORKED ON: 1/20/95
BRENT RENSBERG

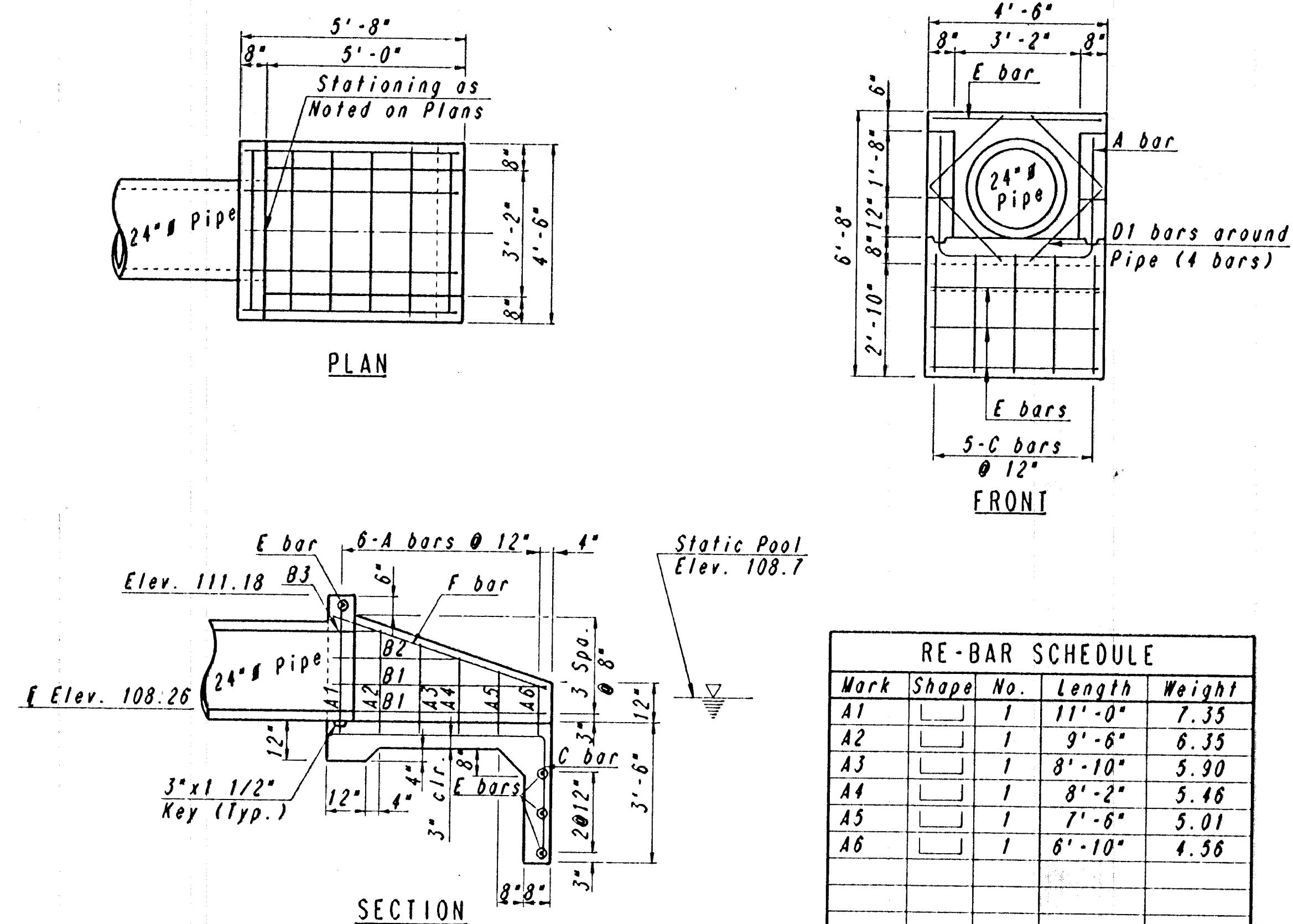
CONCRETE HEADWALL NOTES

CONCRETE: BEVEL ALL EXPOSED EDGES WITH A 3/4" TRIANGULAR MOLDING OR FINISH WITH AN APPROVED EDGING TOOL. CONCRETE SHALL BE AS PER CITY OF WICHITA STANDARD SPECIFICATIONS FOR CONCRETE PAVING MIX EXCEPT THAT IT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 P.S.I. ALL PIPES SHALL BE FLUSH CUT PRIOR TO BEING CAST INTO THE HEADWALL.

REINFORCING STEEL: ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO CENTERLINE OF BAR UNLESS OTHERWISE NOTED. ALL CLEARANCES SHALL BE 2" UNLESS OTHERWISE NOTED. ALL REINFORCING STEEL SHALL CONFORM TO A.S.T.M. DESIGNATION A615 GRADE 60 AND SHALL BE EPOXY COATED.

PAYMENT: A DEDUCTION IN CONCRETE QUANTITIES HAS BEEN MADE FOR THE PIPE OPENING. THE "HEADWALL (24" #)(REINFORCED CONCRETE)" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH IN PLACE INCLUDING CONCRETE, REINFORCING STEEL, EXCAVATION AND ALL OTHER MISCELLANEOUS MATERIALS, LABOR, TOOLS, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK. QUANTITIES SHOWN ARE FOR INFORMATION ONLY.

SEE SHEET NO. ~~FOR ADDITIONAL NOTES.~~



All Concrete Reinforcement to be #4 bars.

Quantities shown are for one Headwall and are for Information Only.

BENDING DIAGRAMS

24" HEADWALL

			HELLMUTH, OBATA & KASSEBAUM, INC. DALLAS, TEXAS		MUSEUM DISTRICT ROADWAY AND PEDESTRIAN IMPROVEMENTS WICHITA, KANSAS	
			PROFESSIONAL ENGINEERING CONSULTANTS, P.A. WICHITA, KANSAS		24" CONCRETE HEADWALL DETAILS	
			BRAD J. GOLDBERG DALLAS, TEXAS		PROJECT NO.	ISSUE DATE 11 JULY 1998
					SCALE	SHEET U7
REV.	DATE	DESCRIPTION				