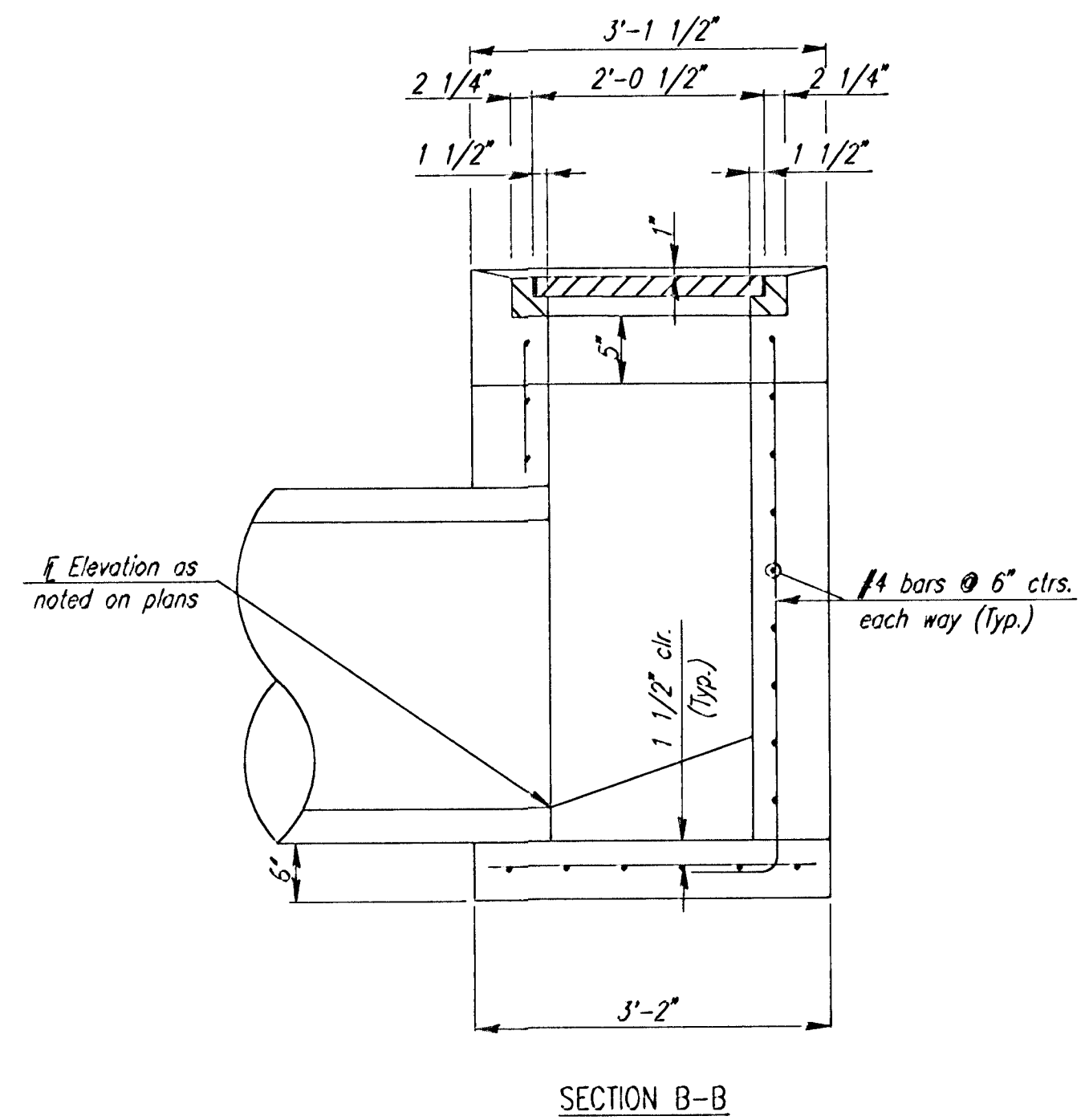
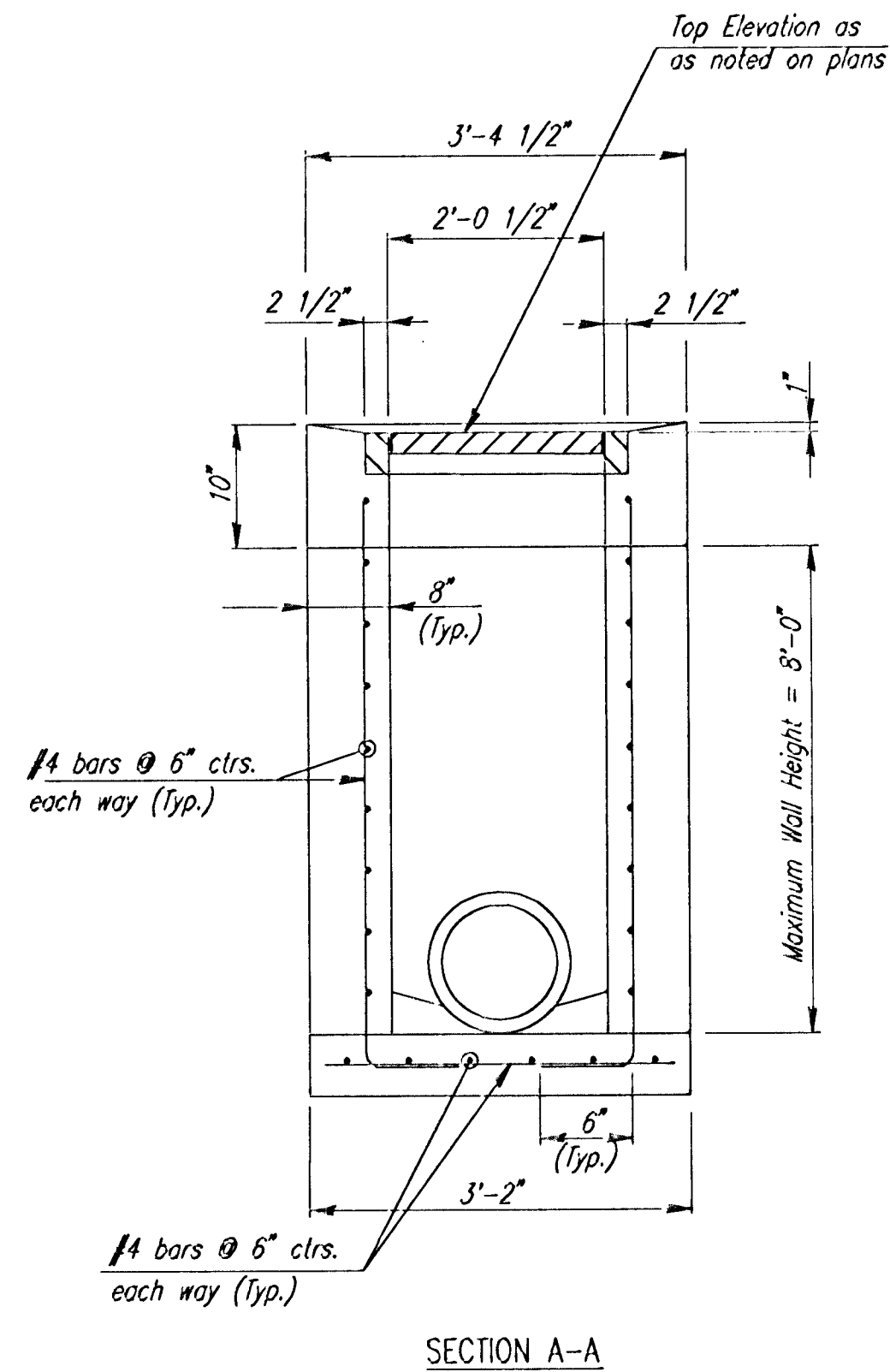
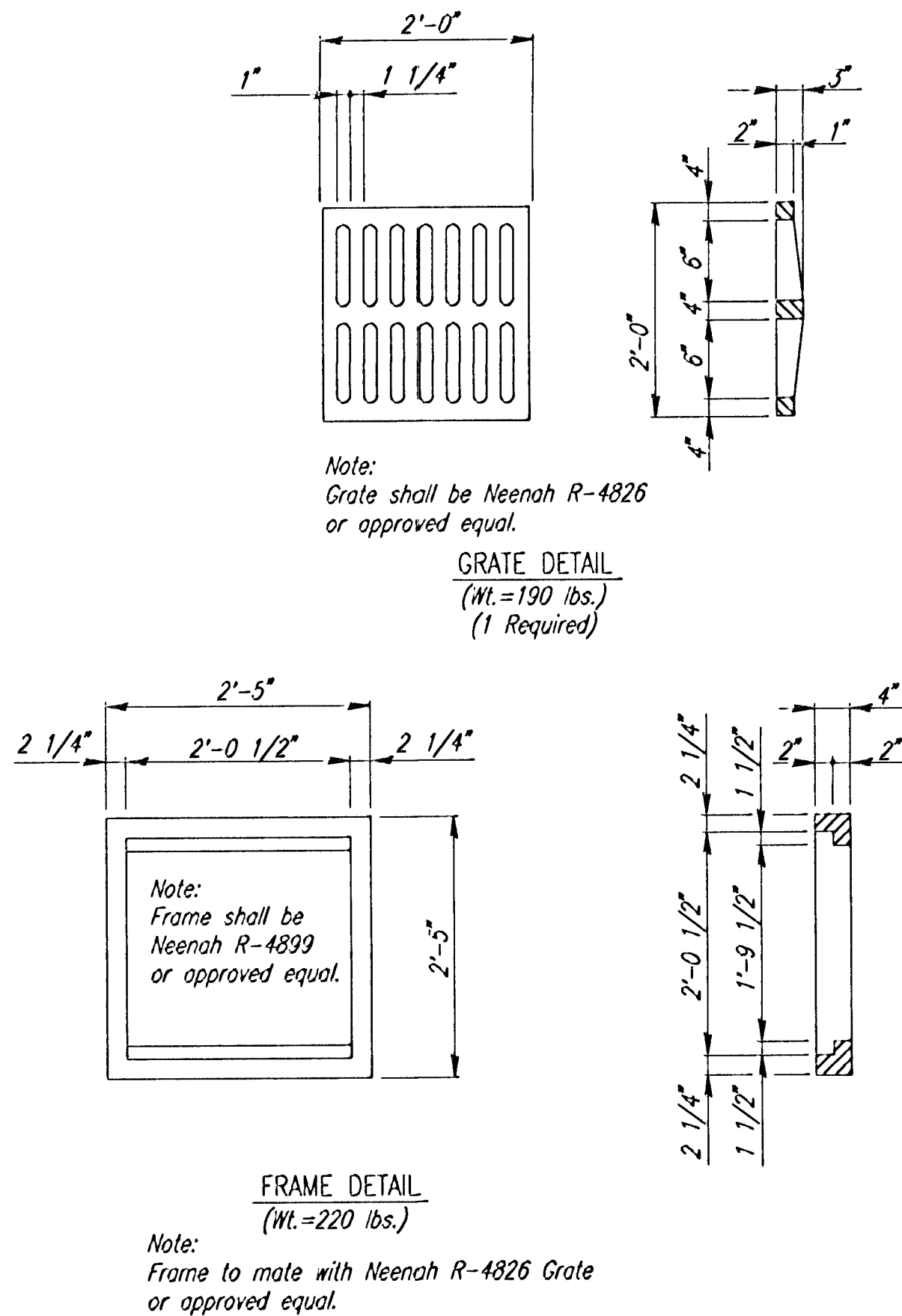
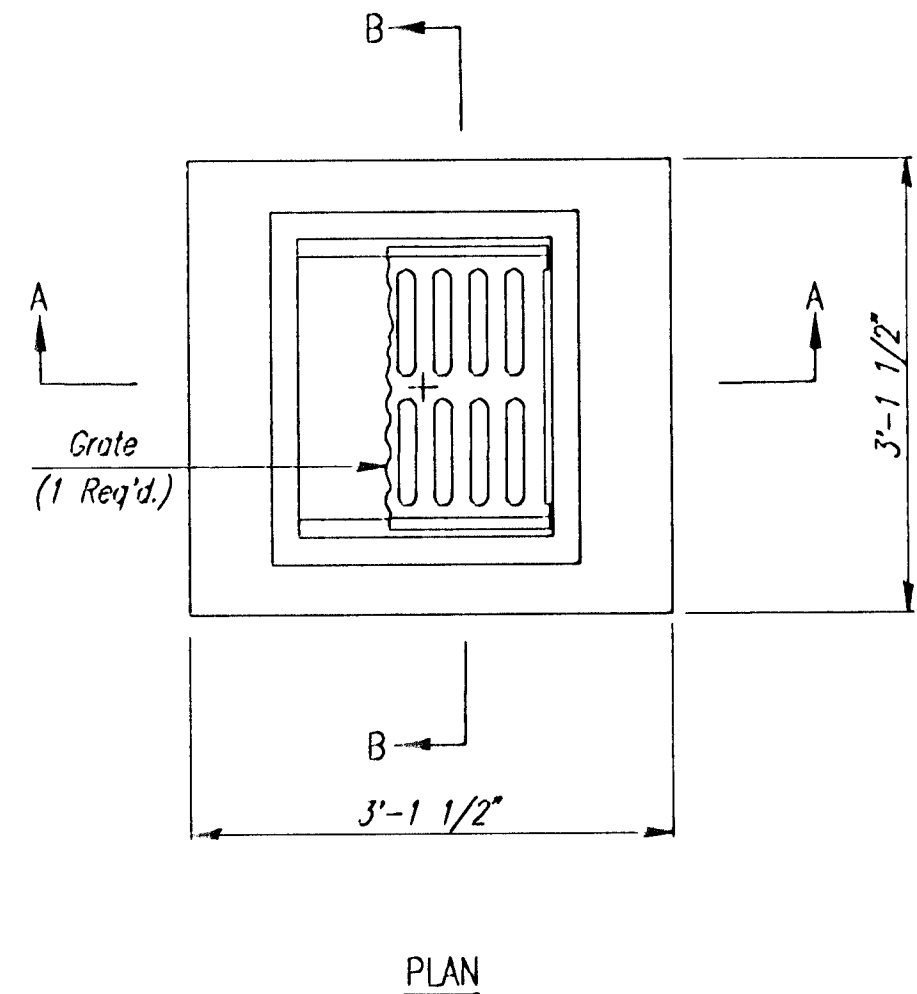




GENERAL NOTES- AREA INLETS

CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
ALL PIPES SHALL BE FLUSH CUT PRIOR TO BEING CAST INTO WALLS.

REINFORCING STEEL SHALL BE GRADE 60, A.S.T.M. A615.
ALL DIMENSIONS RELATIVE TO PLACEMENT OF REINFORCING ARE TO THE CENTERLINE OF BARS UNLESS OTHERWISE NOTED.

INLET CASTINGS SHALL BE MANUFACTURED USING DUCTILE IRON
CONFORMING TO ASTM A536-80 GRADE 65-45-12.
DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE
CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE
DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED
CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES,
POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.

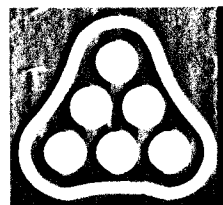
INLET FLOOR SHALL BE SHAPED WITH UNREINFORCED CONCRETE (8 SACK
SAND MIX) TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC
EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL
INLET AND/OR OUTLET PIPES.

PIPES ENTERING EXISTING STRUCTURE SHALL BE CENTERED ON INSIDE
FACE OF WALL.

ALL EXPOSED STRUCTURAL STEEL SHALL BE PAINTED WITH A COAT OF
INORGANIC ZINC PRIMER AND THEN WITH A TOP COAT OF OR A FIELD COAT
OF ORGANIC ZINC, EACH COAT TO BE 3 TO 4 MILS. STRUCTURAL STEEL
USED TO FABRICATE THE SPECIAL AREA INLET FRAME SHALL COMPLY WITH
A.S.T.M. A36. WELDING SHALL CONFORM TO THE STRUCTURAL WELDING CODE
A.W.S. D1.1-88.

AREA INLETS MAY BE PRECAST AT THE CONTRACTOR'S OPTION, WITH APPROVAL
OF THE ENGINEER.

STANDARD AREA INLET (2'X2')



No.	Revision	By	Date
CITY OF WICHITA, KANSAS NEIL D. CABLE, P.E. - CITY ENGINEER BALTHROP 4TH ADDITION - PHASE 2 STD. 2'x2' AREA INLET DETAILS CITY OF WICHITA PROJECT NO. 472-83469 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BER	Job No.	35-02608-0
Drawn by		Date	January 2003
			Sht. 16 of 43