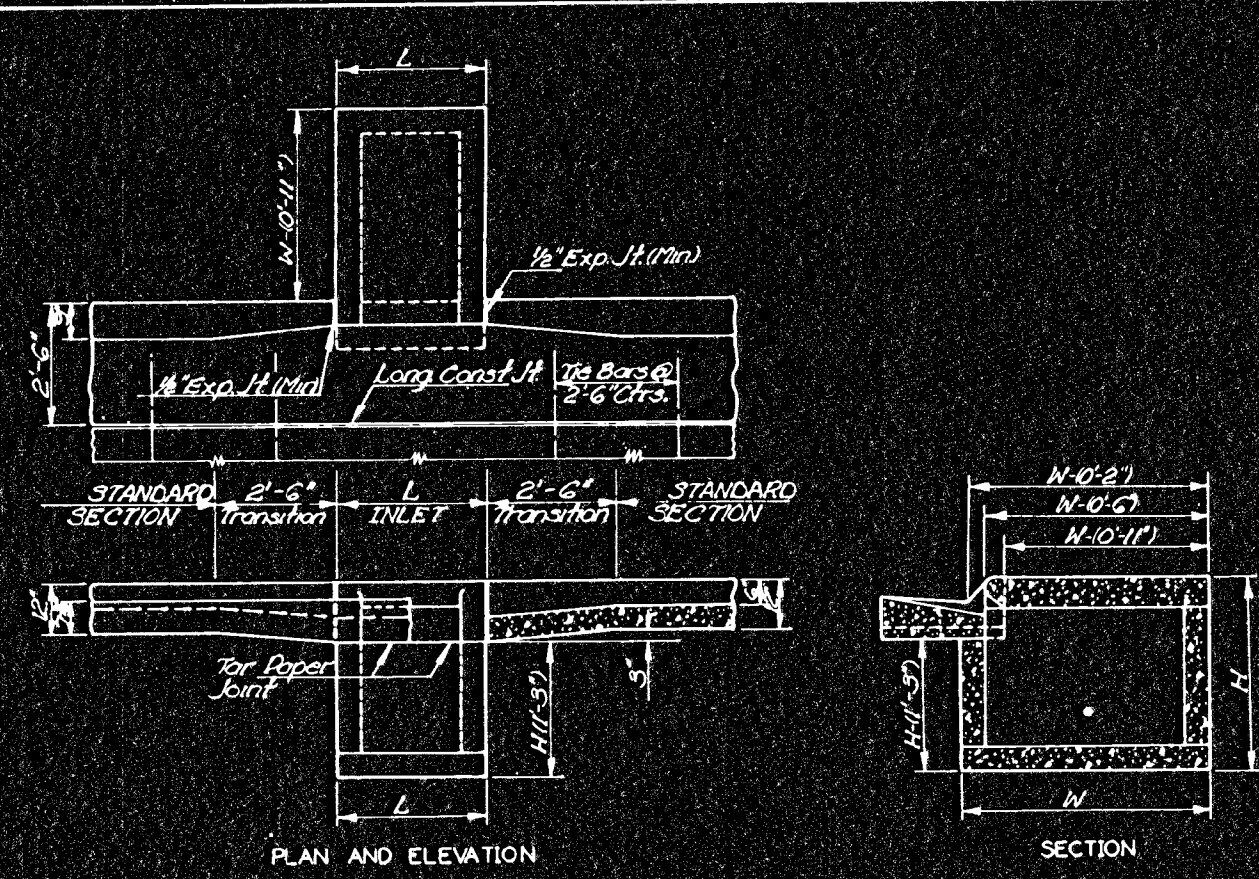
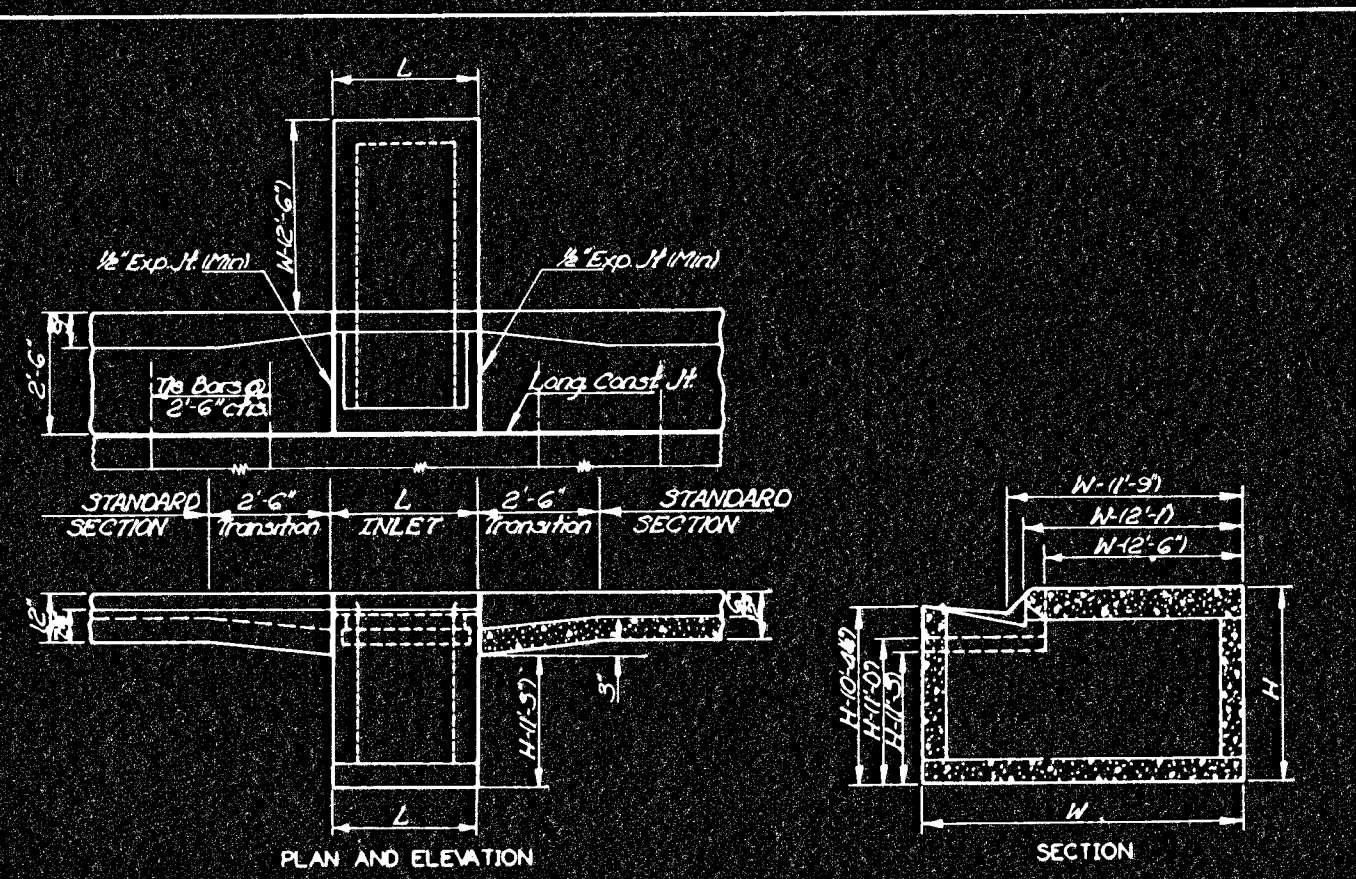
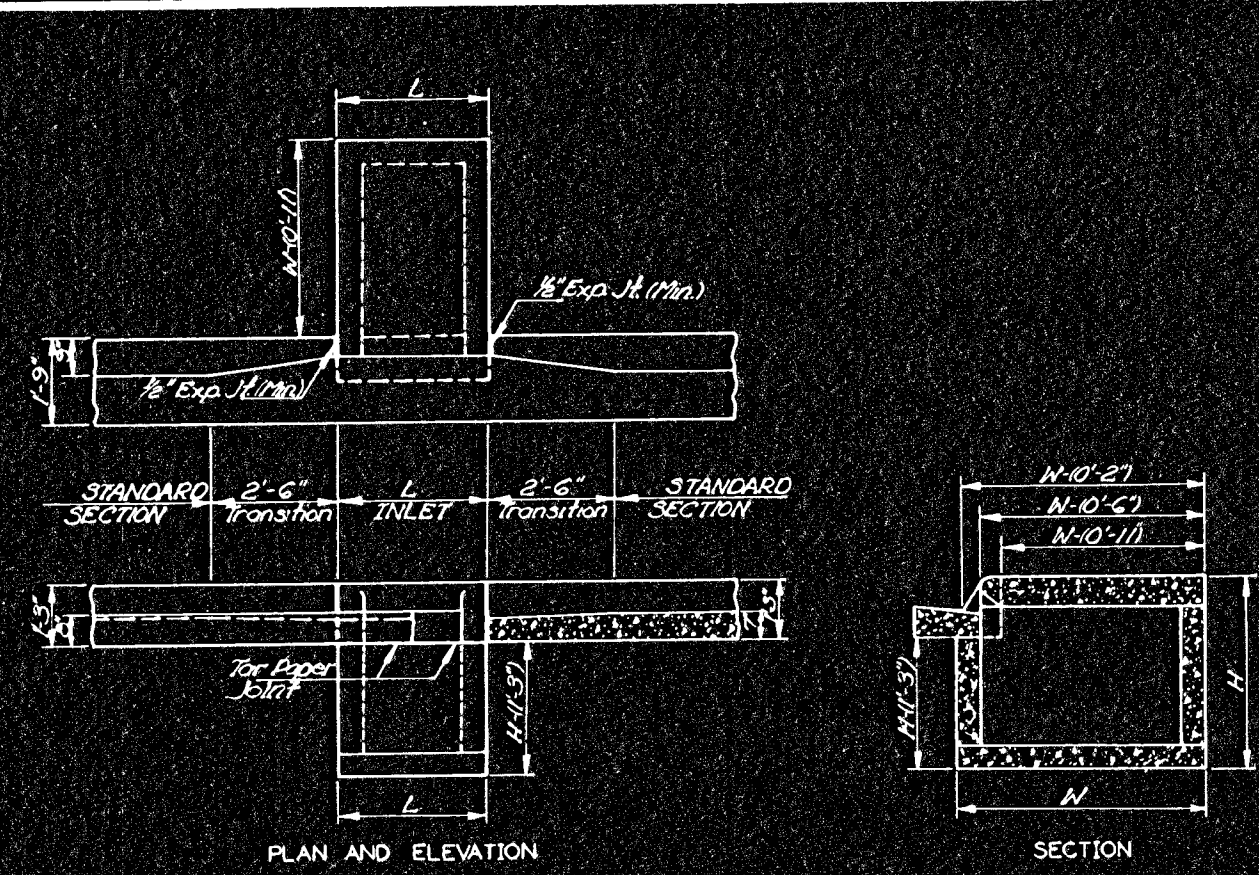
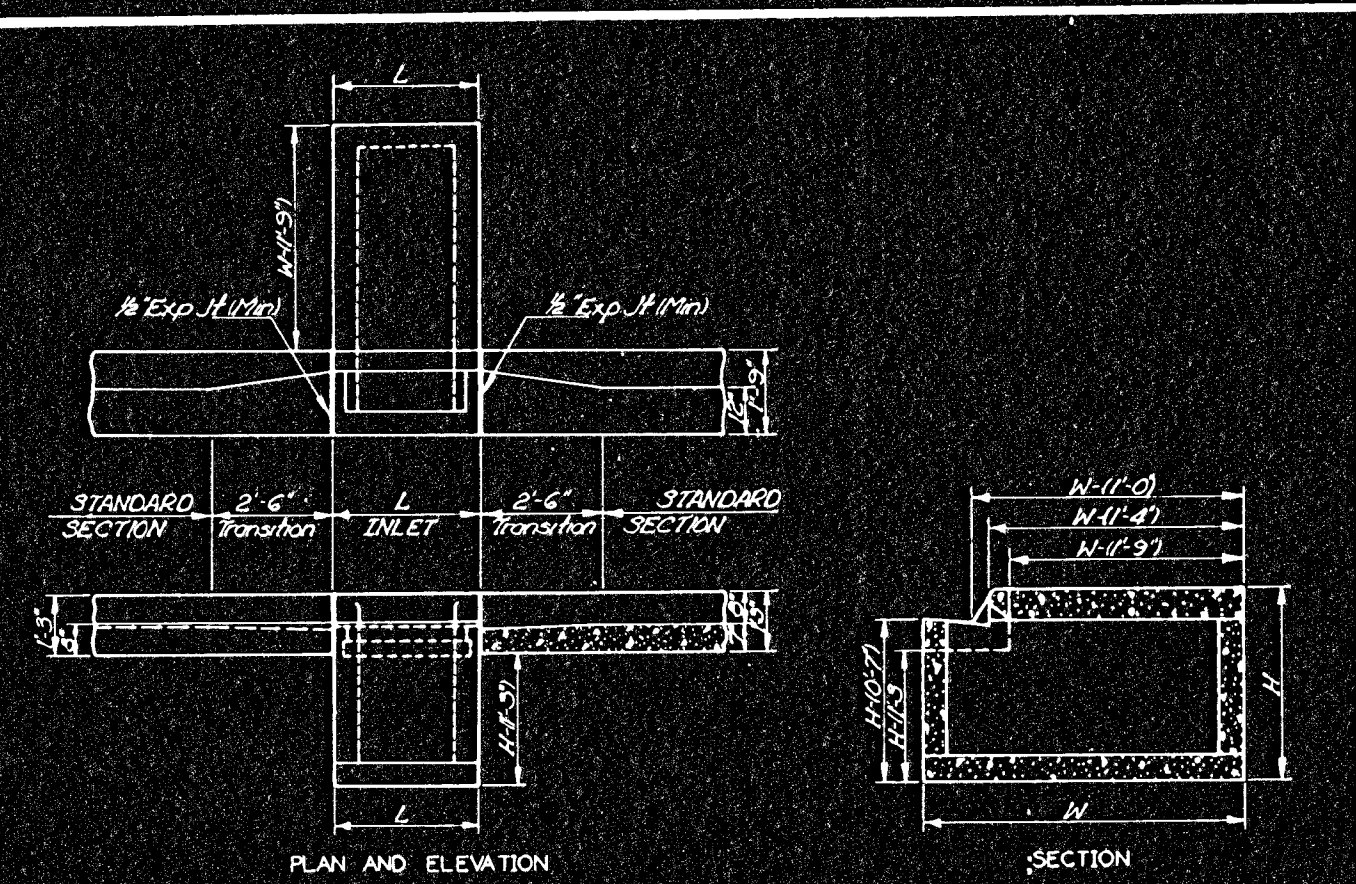
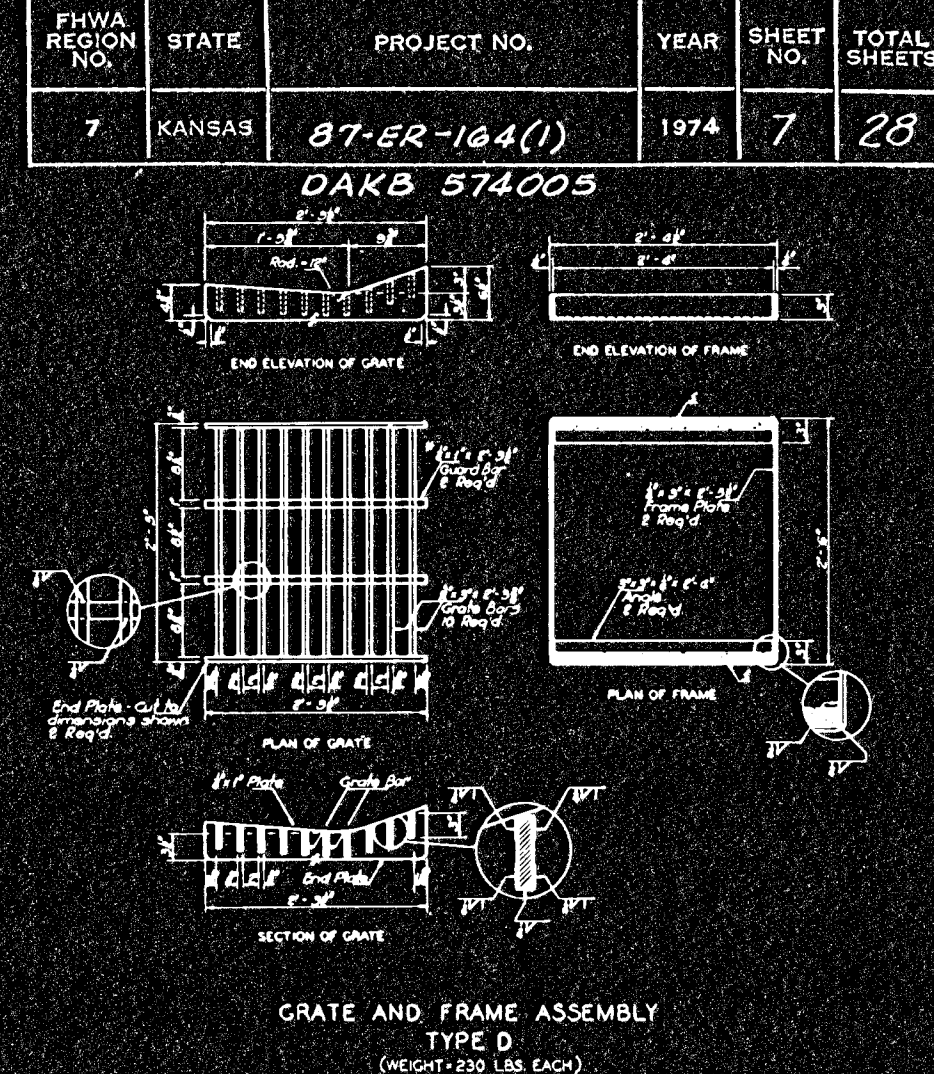
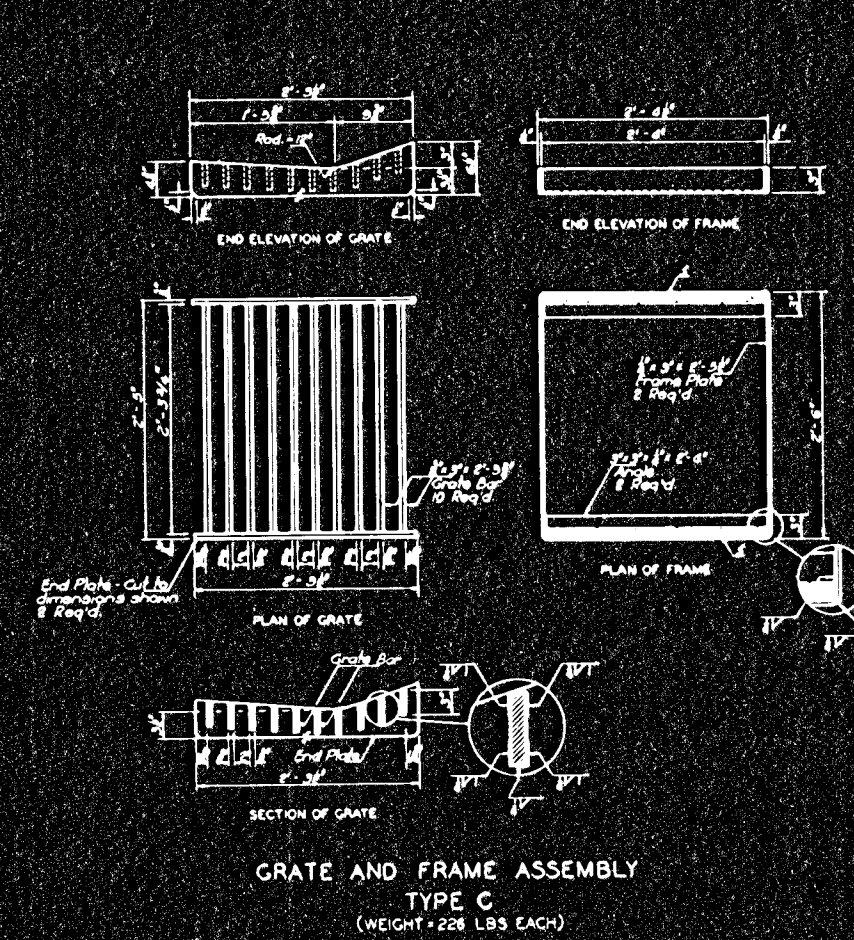
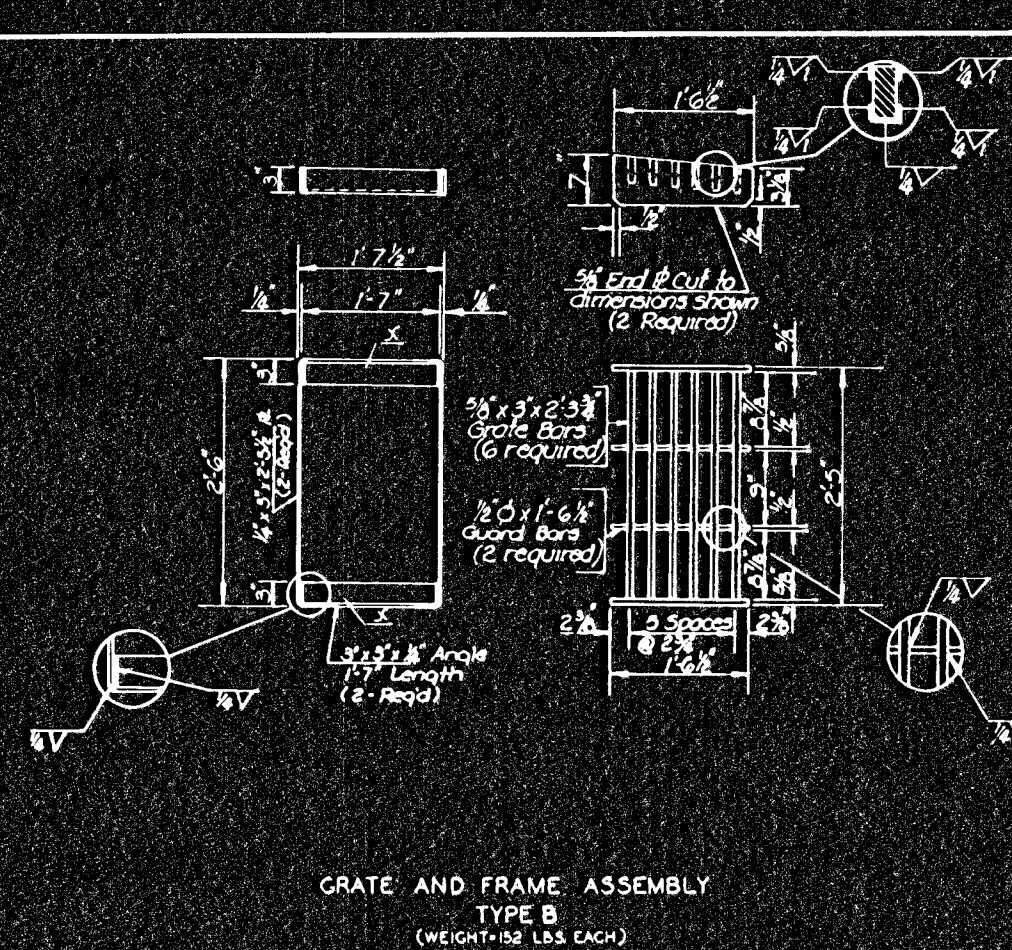
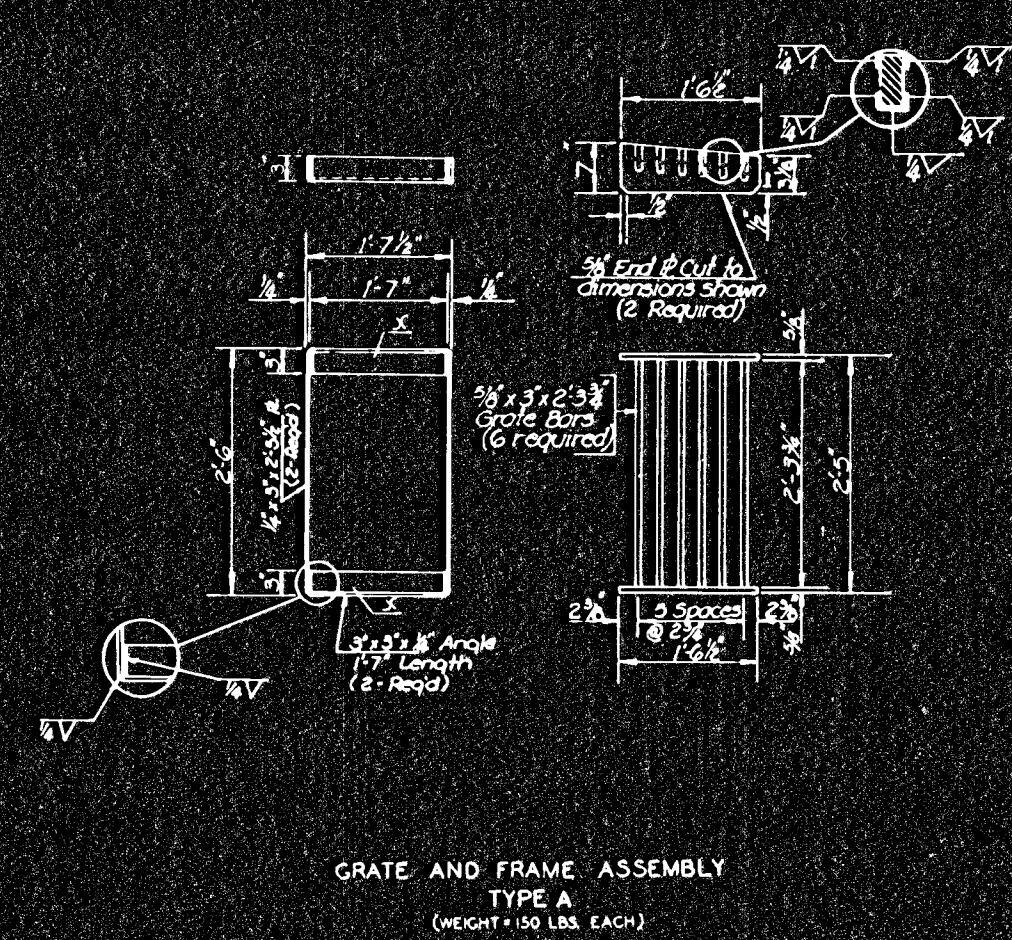
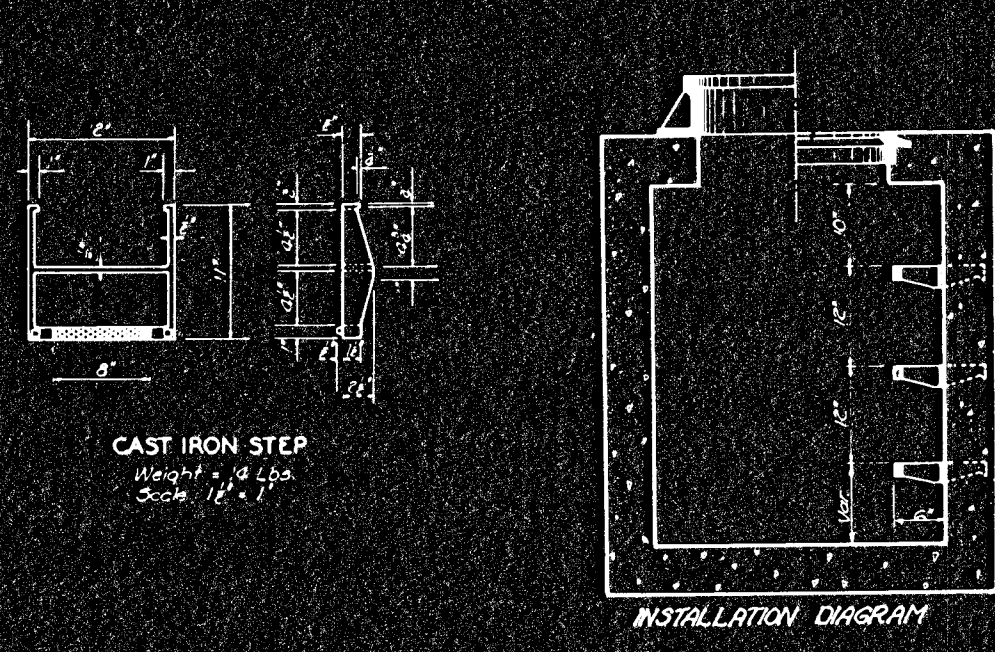
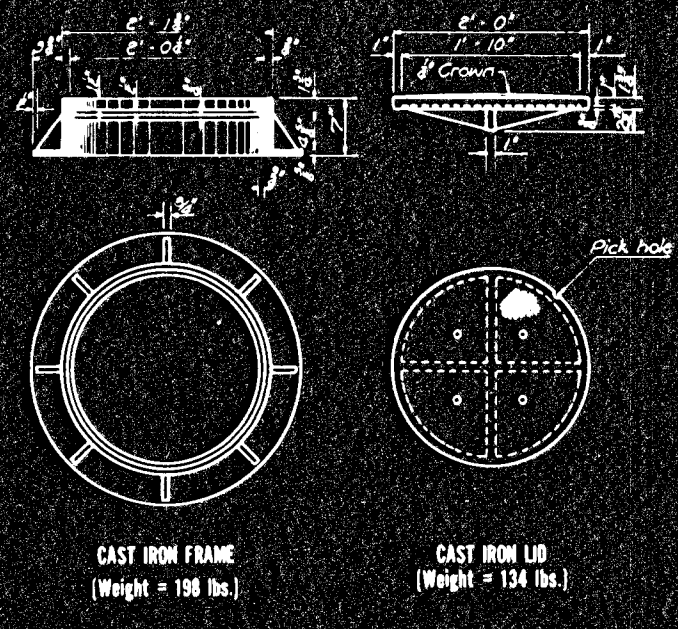
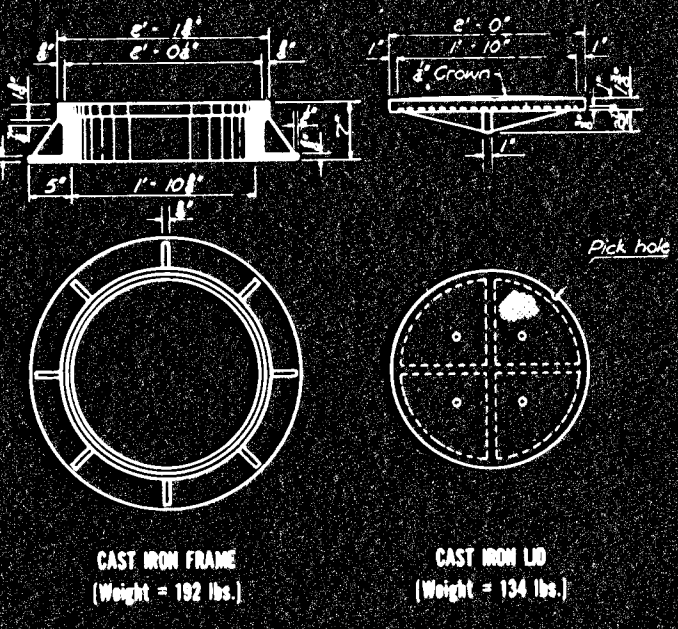
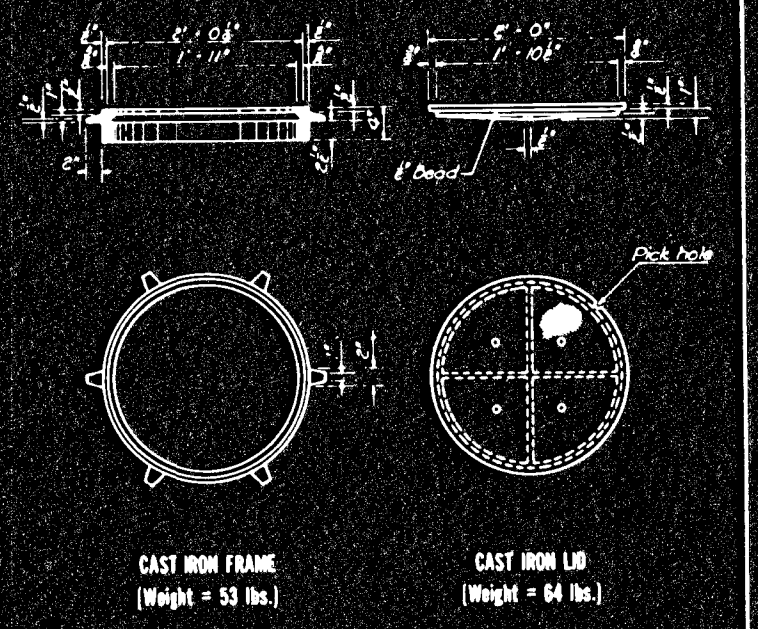
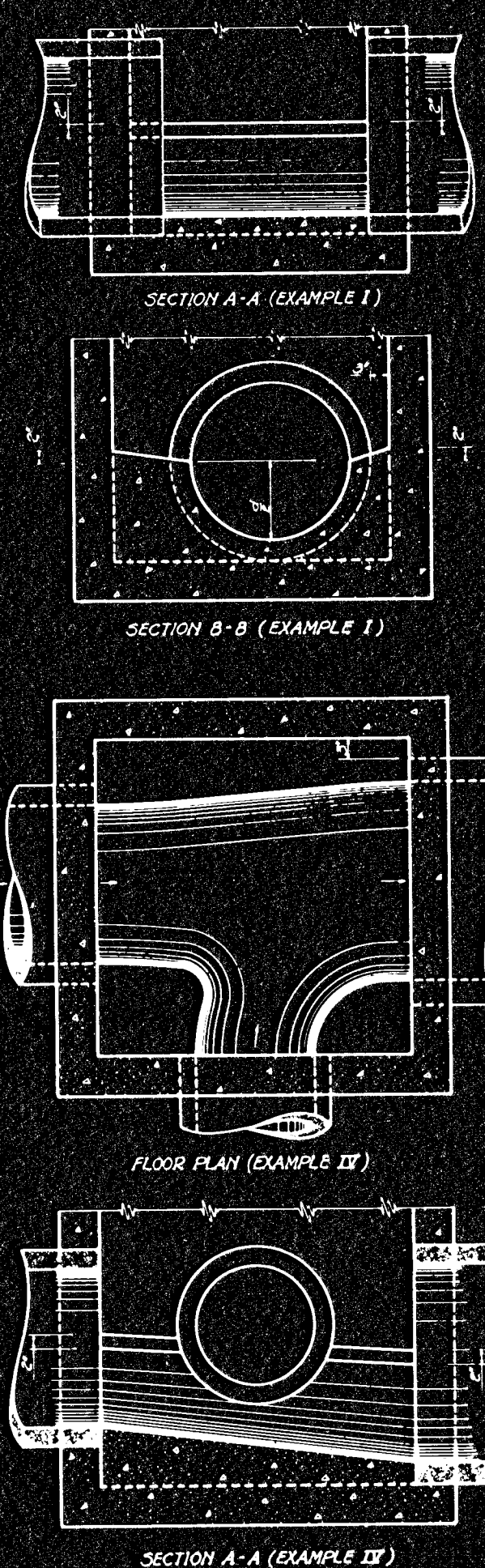
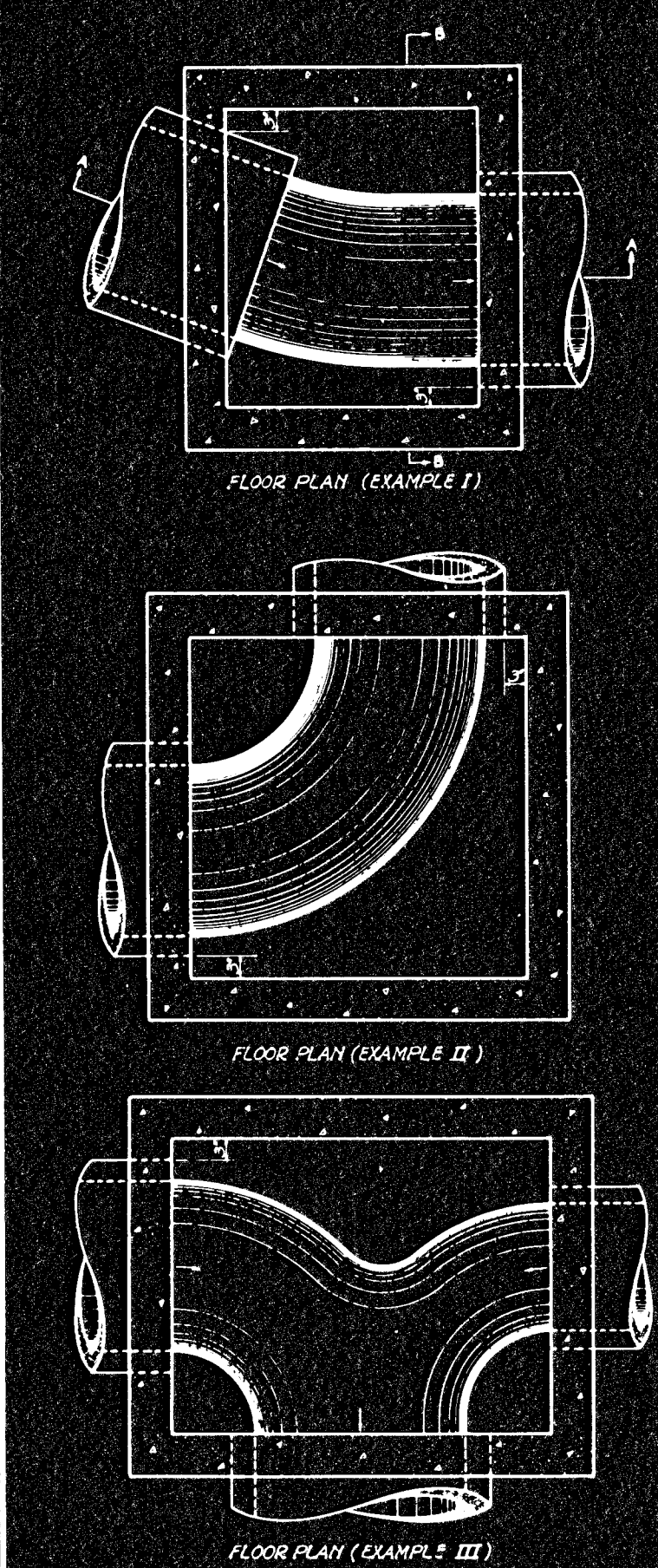
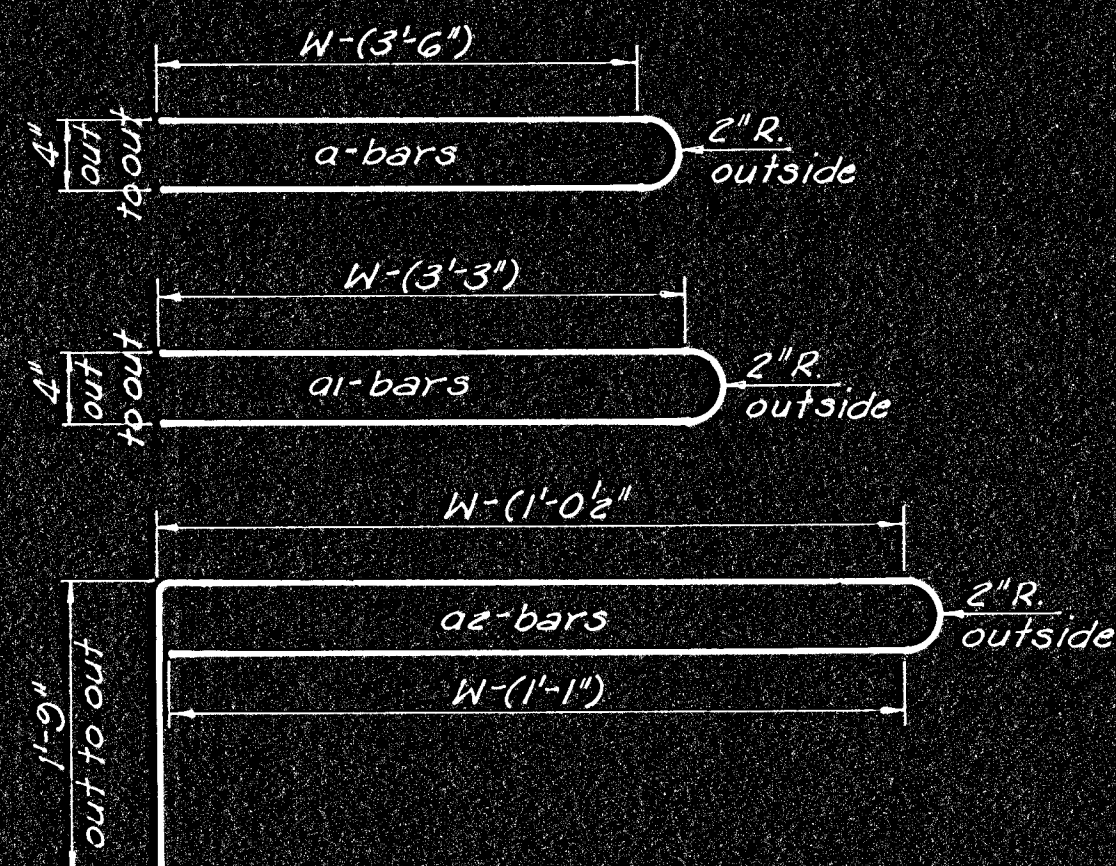


[illegible]

GENERAL NOTE			
MATERIAL SPECIFICATIONS			
ALL STRUCTURAL STEEL, USED IN THE FABRICATION OF GRATE AND FRAME ASSEMBLIES, SHALL COMPLY WITH SPECIFICATIONS FOR ASTM A-36, A-36 1/2 GRADE OF A36 STEEL.			
MAJOR FINISHING			
ALL SURFACES INDICATED BY "1" SHALL BE MACHINE FINISHED.			
PAINTING SPECIFICATIONS			
STRUCTURAL STEEL, GRATE AND FRAME ASSEMBLIES SHALL BE PAINTED EITHER IN THE SHOP OR IN THE FIELD WITH ONE COAT OF A ZINC DUST PAINT.			
GRATE AND FRAME ASSEMBLIES SHALL BE GALVANIZED BEFORE INSTALLATION OF ALUMINUM PANELS.			
CALCULATED WEIGHTS			
WEIGHT SHOWN PER GRATE AND FRAME ASSEMBLY IS COMPLETED, WITH NO ALLOWANCE FOR FILLETS, CORNERS OR OVERLAPS.			
DATE	BY	DT	NOTED
STATE HIGHWAY COMMISSION OF KANSAS			
STRUCTURAL STEEL			
GRATE & FRAME ASSEMBLIES			
ORDER NO. <u>604</u> PROJECT NO. <u>604</u>	SHEET NO. <u>1</u> TOTAL SHEETS <u>1</u>	DATE OF ORDER <u>1/24</u> DATE OF ISSUE <u>1/24</u>	CHECKED BY <u>WJL</u> DESIGNED BY <u>WJL</u>



GENERAL NOTES

CASE TOWN SPECIFICATIONS

ALL CASTINGS SHALL BE GRAY IRON AND SHALL COMPLY WITH A.S.T.M. A-48 CLASS 20 S.

PAINTING REQUIREMENTS

ALL EXPOSED CAST IRON SURFACES NOT SUBJECT TO TRAFFIC; SHALL BE PAINTED EITHER IN THE SHOP OR IN FIELD WITH ONE COAT OF A ZINC DUST PAINT, FOLLOWED BY TWO COATS OF ALUMINUM PAINT.

CALCULATED WEIGHTS

CASTING WEIGHTS HAVE BEEN CALCULATED WITH NO ALLOWANCE FOR FILLETS AND OVERRUNS.

**CAST IRON
LID & FRAME ASSEMBLIES**

		CURB INLET TYPE <u>22</u>	
		CURB RADIUS <u>100</u> FEET	
LEGEND	DIMENSIONS	LEGEND	DIMENSIONS
L	5'-0"	LI	
W	4'-6"	WI	
H	3'-6"	HI	
BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
A	4	2	2'-5 1/2"
A1	4	2	2'-11 1/2"
A2	4	4	9'-0 3/4"
A3	4	—	—
A4	4	—	—
B	4	14	4'-3"
BI	4	2	3'-9"
C	4	22	4'-9"
CI	4	4	2'-6"
C2	4	4	2'-3"
V	4	8	2'-0"
VI	4	22	3'-3"
V2	4	—	—
V3	4	—	—
U	4	—	—
X	4	2	5'-0"
INLET LOCATIONS			
Sta. 7+85 Rt.			
*Cast Iron		117 Lbs.	
Reinforcing Steel		223 Lbs.	
Class A Concrete (Misc.)		1.48 Cu.Yds.	
Class III Excavation		5.90 Cu.Yds.	

*Type A Lid & Frame Assembly

CITY OF WICHITA, KANSAS
R.W. LINN, P.E., CITY ENGINEER

FIRST STREET BRIDGE OVER
THE ARKANSAS RIVER

AUXILIARY INLET DETAILS

DELAMATER, FREUND & SCHERER, P.A.
CONSULTING ENGINEERS
WICHITA KANSAS

FILE _____	DATE <i>June, 1974</i>	DWG. NO. <i>89-G-7</i>
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