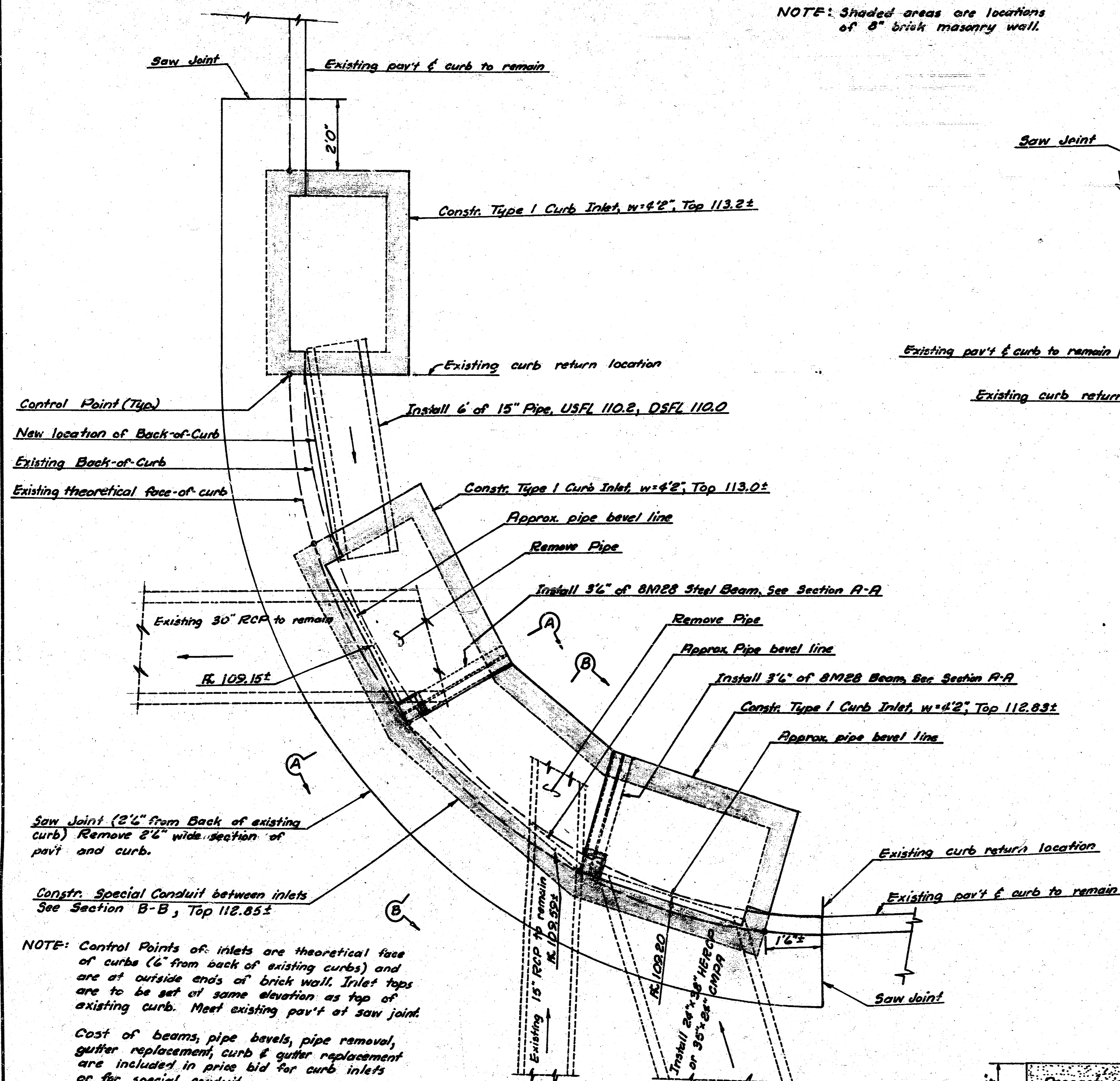


PROJECT DESCRIPTION			
STORM WATER SEWER RECONSTRUCTION AT MCCOMAS & KELLOGG DR. AND AT KESSLER & KELLOGG DR.			
PROJECT NUMBER			
468-76-245-8125-000-001			
BOOK NO. BE-93/41	APPROVED BY	DATE 6-28-82	REVISED
DRAWN BY WSK			
CITY OF WICHITA			
DEPARTMENT OF ENGINEERING			
DIRECTOR OF ENG./CITY ENGINEER			
R. W. BRUGGEMAN			
			Sheet 1/4

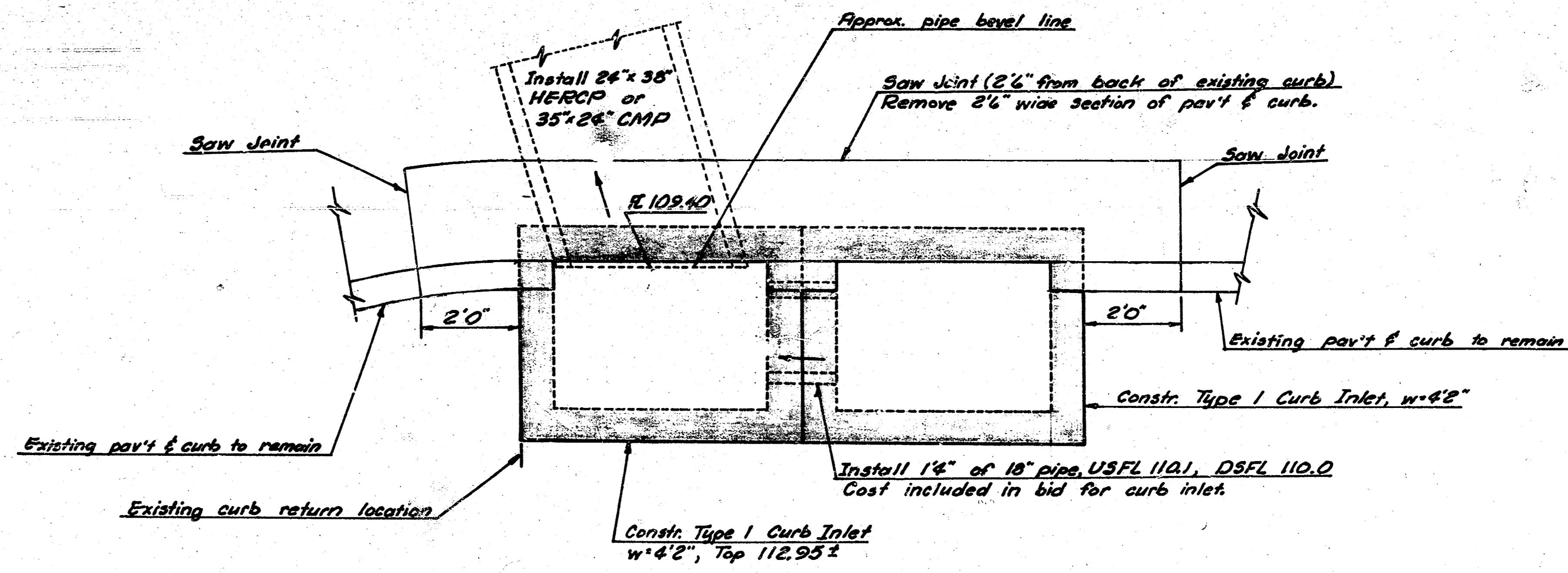
NOTE: Shaded areas are locations of 8" brick masonry wall.



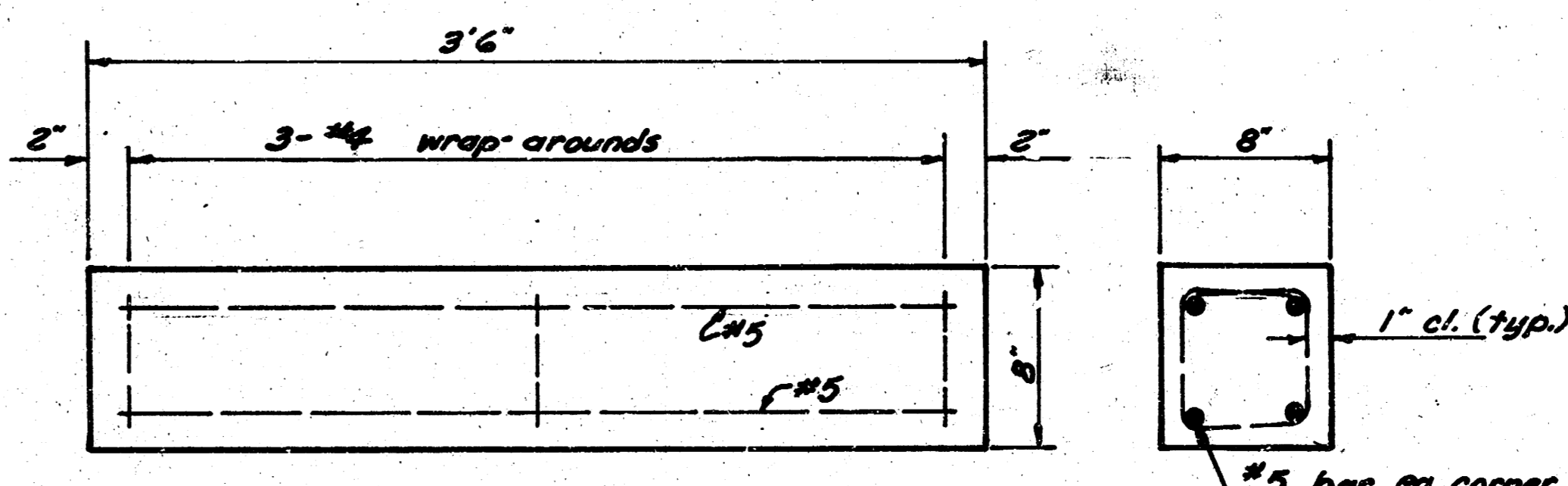
PLAN  
Scale: 1/8"=1'0"

NOTE: Control Points of inlets are theoretical face of curbs (6" from back of existing curbs) and are at outside ends of brick wall. Inlet tops are to be set at same elevation as top of existing curb. Meet existing pav't at saw joint.

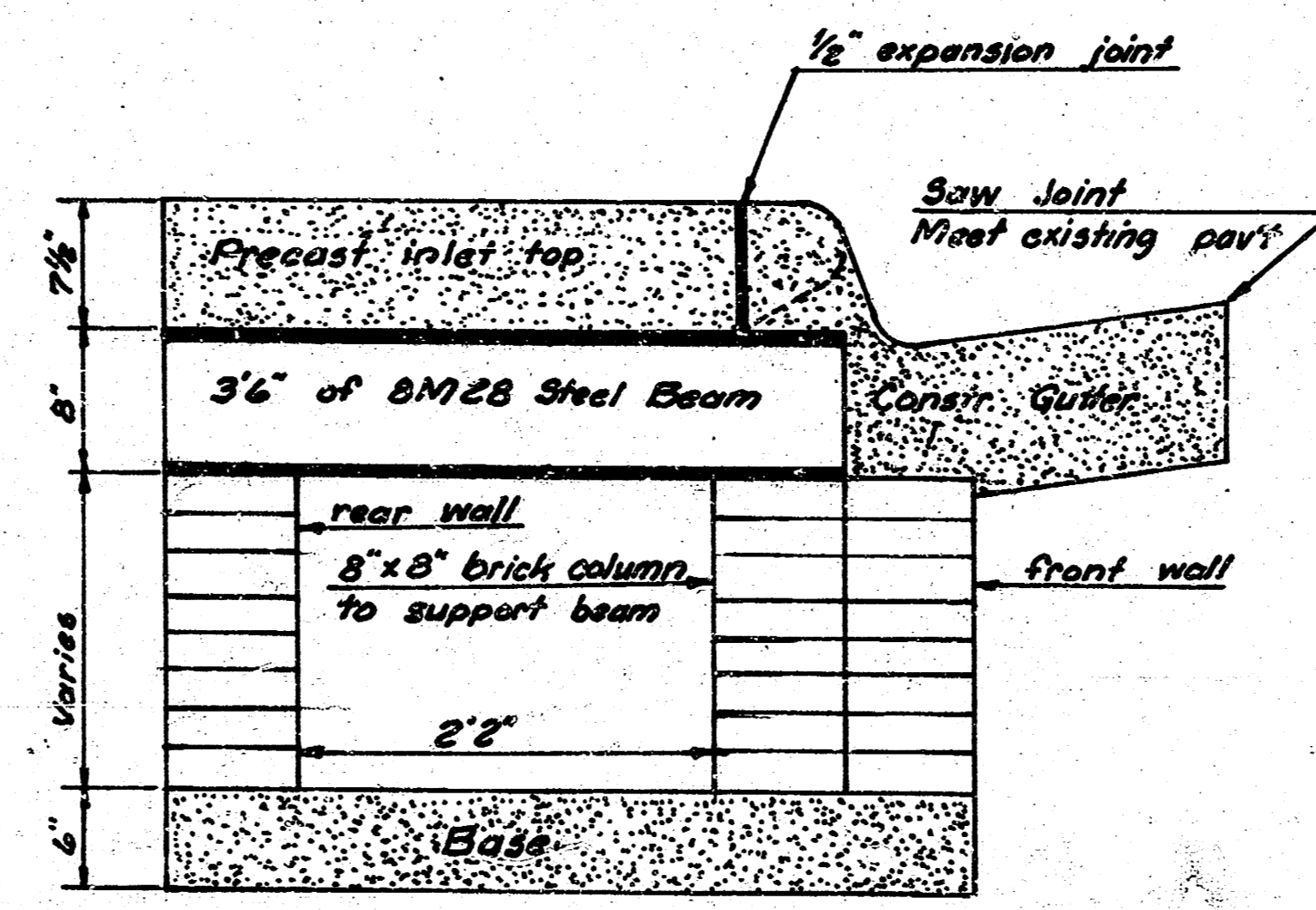
Cost of beams, pipe bevels, pipe removal, gutter replacement, curb & gutter replacement are included in price bid for curb inlets or for special conduit.



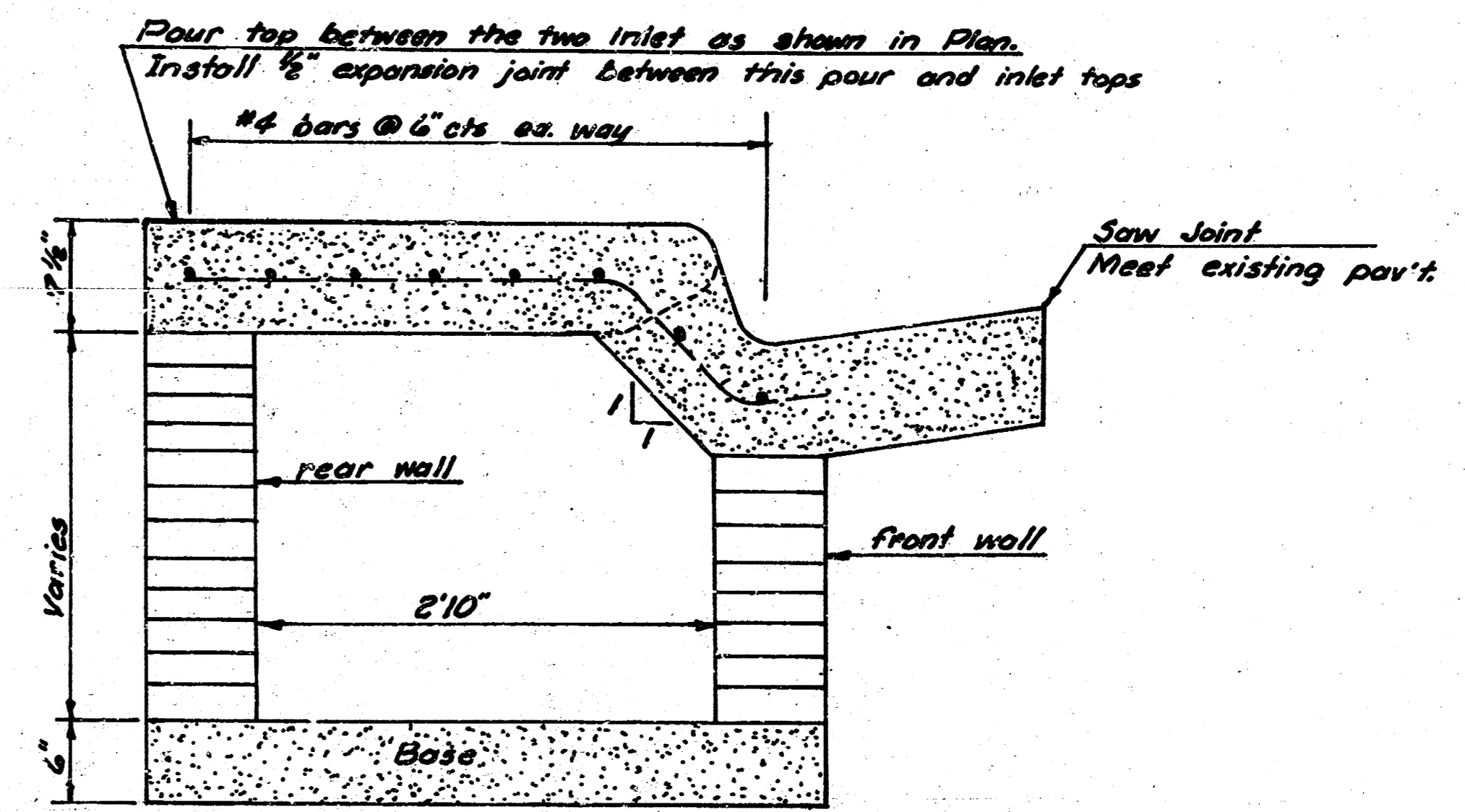
PLAN  
Scale: 1/8"=1'0"



ALTERNATE CONC BEAM FOR 8M28 STEEL BEAM  
Scale: 1/8"=1'0"



SECTION A-A  
Scale: 1"=1'0"



SECTION B-B, SPECIAL CONDUIT  
Scale: 1"=1'0"

PROJECT DESCRIPTION  
STORM WATER SEWER RECONSTRUCTION AT McCOMAS & KELLOGG DR. AND AT KESSLER & KELLOGG DR.

PROJECT NUMBER  
468-76-245-8125-000-001

2/4  
Sheet 2 of 4

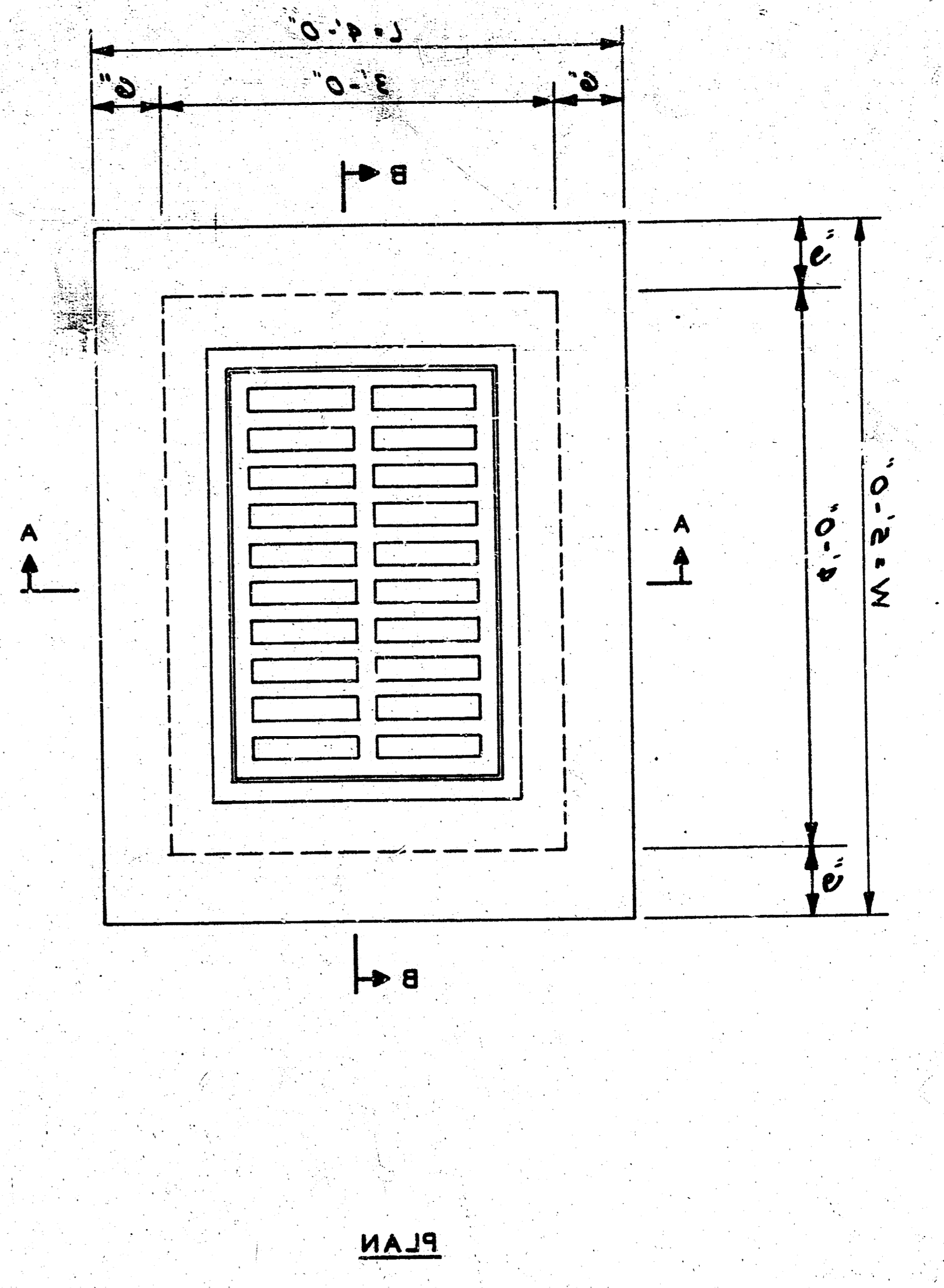
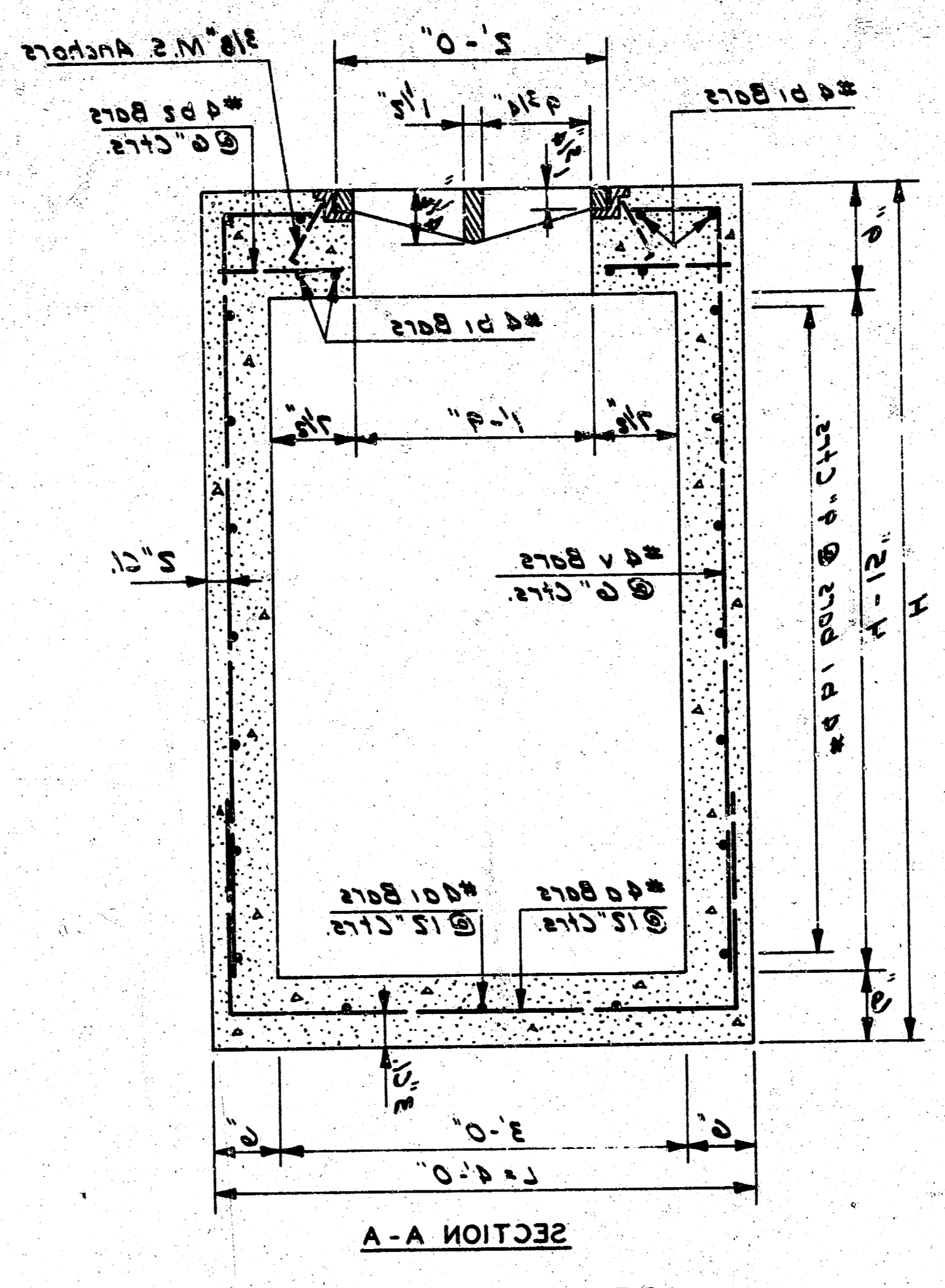
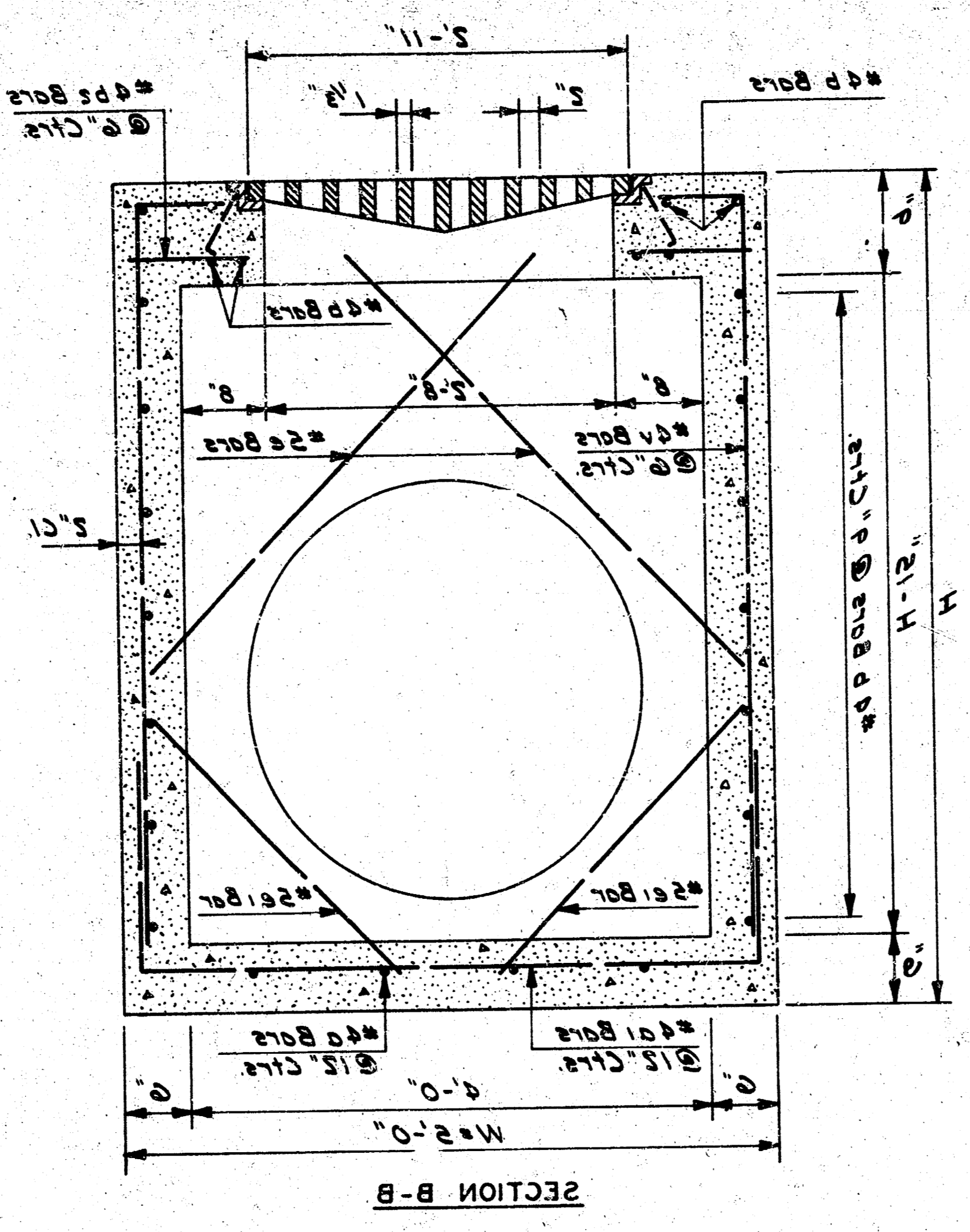


PROJECT NO.	1713
STATE	KANSAS
DATE	1973
DESIGNED BY	WILSON & COMPANY
CHECKED BY	M.L.V.
SCALE	1/4" = 1'-0"
SHEET NO.	22
TOTAL SHEETS	22

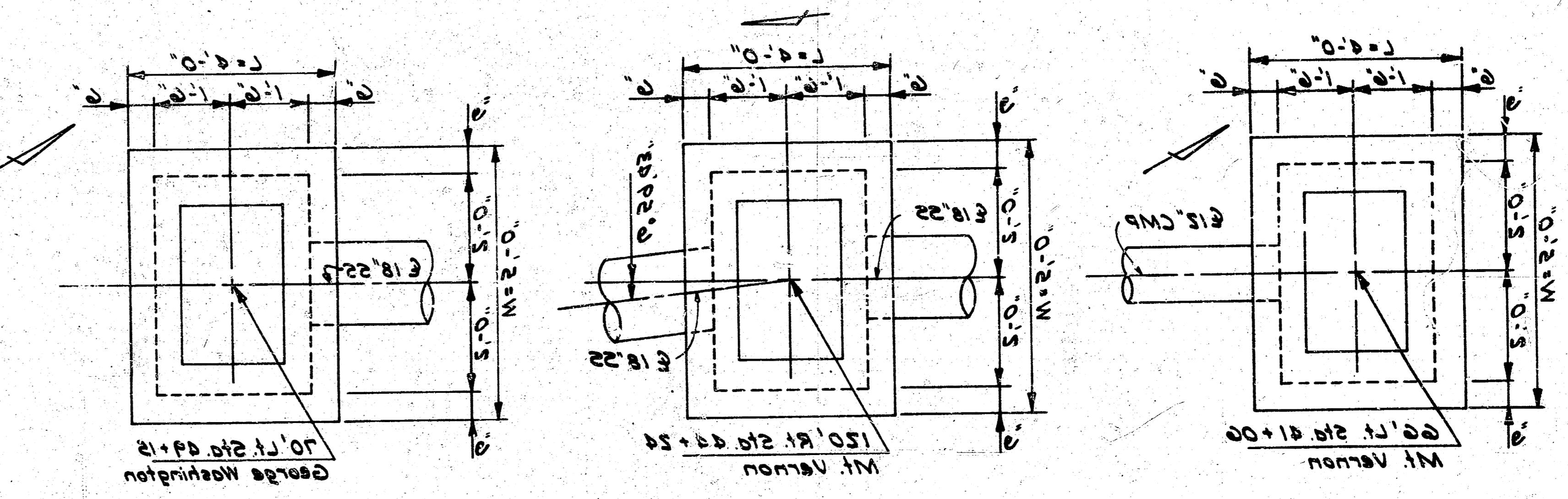
LETTER	W	L	H	LOCATION
1	4'-0"	4'-0"	4'-3"	10' RT. STA. 48+12 GEORGE WASHINGTON
2	4'-0"	4'-0"	4'-3"	150' RT. STA. 44+24 MT. VERNON
3	4'-0"	4'-0"	4'-3"	88' LT. STA. 41+08 MT. VERNON

LETTER	W	L	H	LOCATION
1	4'-0"	4'-0"	4'-3"	10' RT. STA. 48+12 GEORGE WASHINGTON
2	4'-0"	4'-0"	4'-3"	150' RT. STA. 44+24 MT. VERNON
3	4'-0"	4'-0"	4'-3"	88' LT. STA. 41+08 MT. VERNON

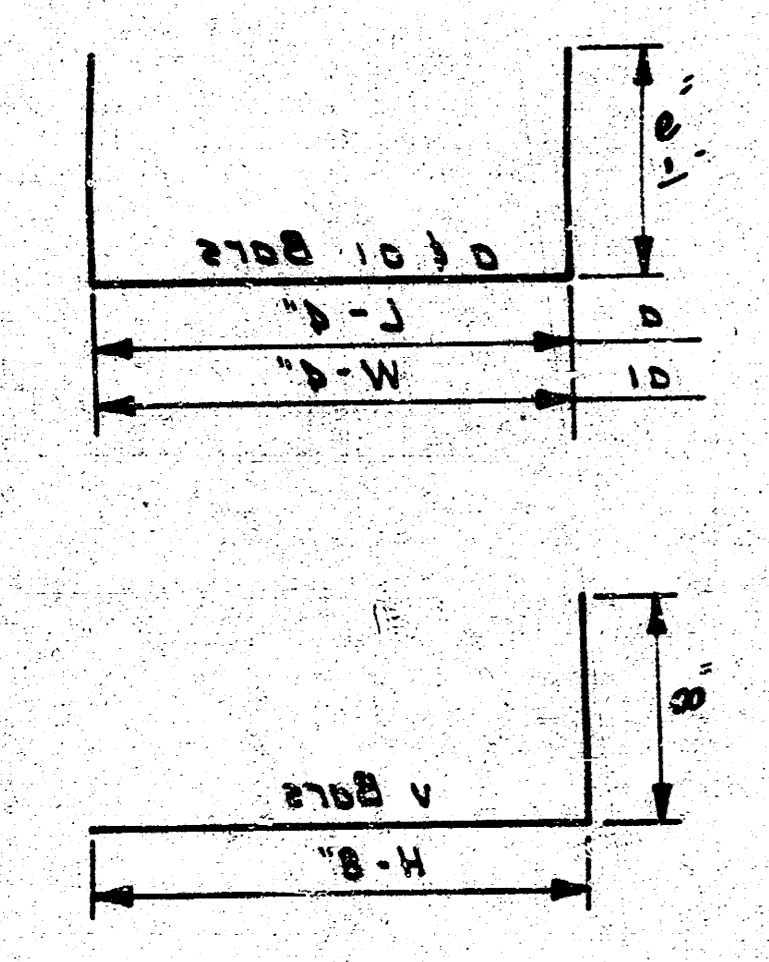


AREA INLET TYPE I  
Scale: 1/4" = 1'-0"



PLAN OF AREA INLET TYPE I  
STORM SEWER SOUTH OF LINCOLN ST.  
Scale: 1/4" = 1'-0"

PLAN OF AREA INLET TYPE I  
STORM SEWER MT. VERNON RD.  
Scale: 1/4" = 1'-0"



BENDING DIAGRAMS  
All dimensions are out to out

NO.	DATE	REVISIONS
1		
2		

STATE HIGHWAY COMMISSION OF KANSAS

AREA INLET - TYPE I

WILSON & COMPANY  
ENGINEERS & ARCHITECTS  
SALT LAKE CITY, UTAH

DESIGNED: M.L.V. CHECKED: C.M.F.

Sheet # of 4

22 Denotes Storm Sewer

NO DEDUCTIONS IN CONCRETE QUANTITIES SHALL BE MADE FOR PIPE OPENING

REINFORCING STEEL SHALL BE PLACED WITHIN 1/4" OF PLAN DIMENSIONS UNLESS AWAYED BY THE ENGINEER.

ALL REINFORCING STEEL SHALL BE BENT AROUND ALL PIPES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

REINFORCING BARS SHALL BE 1 1/2" CLEAR DISTANCE FROM SLAB SURFACES UNLESS OTHERWISE NOTED ON THE PLANS.

ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO THE CENTER OF BARS UNLESS OTHERWISE NOTED ON THE PLANS.

REINFORCING STEEL SHALL BE GRAY IRON AND SHALL COMPLY WITH ASTM A-48 CLASS 252

MISCELLANEOUS

INLET FLOORS SHALL BE SHAPED AS SHOWN ON THE PLAN SHEET ENTITLED "TYPICAL FLOOR SHAPING FOR INLETS AND JUNCTIONS". NO CONCRETE QUANTITIES SHALL BE COMPUTED FOR THIS WORK.

CONCRETE SHALL BE CLASS "A" CONCRETE

CONCRETE SHALL BE CLASS "A" CONCRETE OR CLASS "A" CONCRETE (A.E.) AT THE CONTRACTOR'S OPTION. HOWEVER PAYMENT SHALL BE MADE FOR CUBIC YARDS CLASS "A" CONCRETE (MISCELLANEOUS).

BEVEL ALL EXPOSED CONCRETE EDGES WITH A 3/4" TRIANGULAR BEVEL.

CAST IRON GRATES AND FRAMES

CAST IRON GRATES AND FRAMES SHALL CONFORM TO THE DIMENSIONS AND WEIGHTS SHOWN EXCEPT FOR MINOR VARIATIONS. THE GRATE AND FRAME SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

THE GRATES AND FRAMES SHOWN ARE DESIGNED TO SUPPORT A WHEEL LOAD OF 15 P. 2. 1. THE GRATES AND FRAMES SHOWN ARE FOR MECHANICAL R-3425-A; HOWEVER OTHER APPROVED MARKS MAY BE USED.

GENERAL NOTE

ALL CASTINGS SHALL BE GRAY IRON AND SHALL COMPLY WITH ASTM A-48 CLASS 252

REINFORCING STEEL SHALL BE GRAY IRON AND SHALL COMPLY WITH ASTM A-48 CLASS 252

ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO THE CENTER OF BARS UNLESS OTHERWISE NOTED ON THE PLANS.

REINFORCING BARS SHALL BE 1 1/2" CLEAR DISTANCE FROM SLAB SURFACES UNLESS OTHERWISE NOTED ON THE PLANS.

ALL REINFORCING STEEL SHALL BE PLACED WITHIN 1/4" OF PLAN DIMENSIONS UNLESS AWAYED BY THE ENGINEER.

REINFORCING STEEL SHALL BE BENT AROUND ALL PIPES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

REINFORCING BARS SHALL BE 1 1/2" CLEAR DISTANCE FROM SLAB SURFACES UNLESS OTHERWISE NOTED ON THE PLANS.

ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO THE CENTER OF BARS UNLESS OTHERWISE NOTED ON THE PLANS.

REINFORCING STEEL SHALL BE GRAY IRON AND SHALL COMPLY WITH ASTM A-48 CLASS 252

MISCELLANEOUS

INLET FLOORS SHALL BE SHAPED AS SHOWN ON THE PLAN SHEET ENTITLED "TYPICAL FLOOR SHAPING FOR INLETS AND JUNCTIONS". NO CONCRETE QUANTITIES SHALL BE COMPUTED FOR THIS WORK.

CONCRETE SHALL BE CLASS "A" CONCRETE