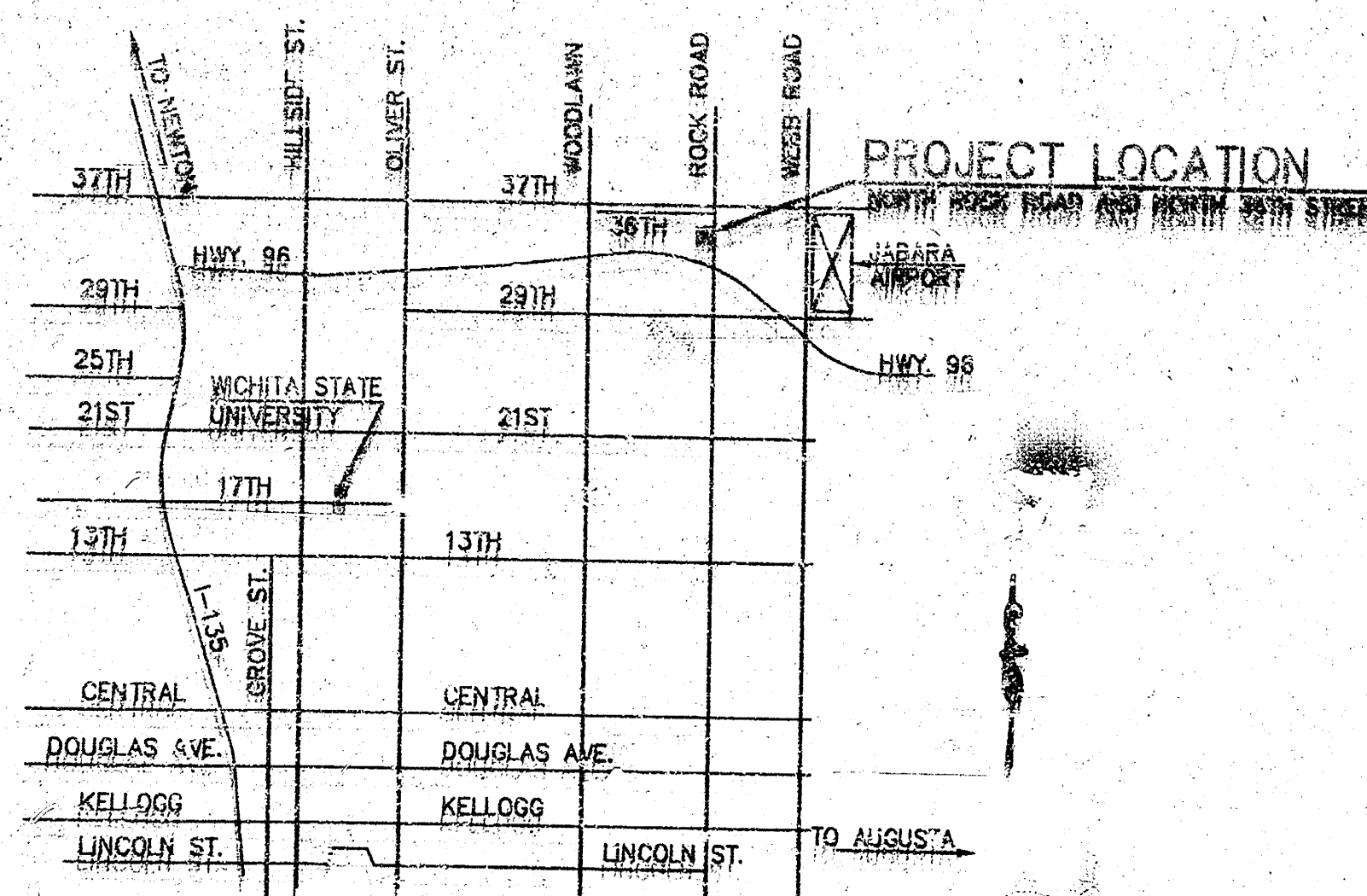


GENERAL NOTES

1. THE TOPS OF INLETS AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
2. ALL CONCRETE SHALL BE STANDARD PAVING MIX--UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
4. TREES TO BE REMOVED ARE MARKED. ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.
5. EXISTING UTILITIES AND THEIR LOCATIONS AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED. CONTRACTOR SHALL EXPOSE ALL UTILITIES AT POSSIBLE POINTS OF CONFLICT PRIOR TO ANY CONSTRUCTION.
6. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:
KANSAS ONE-CALL 1-800-344-7233
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

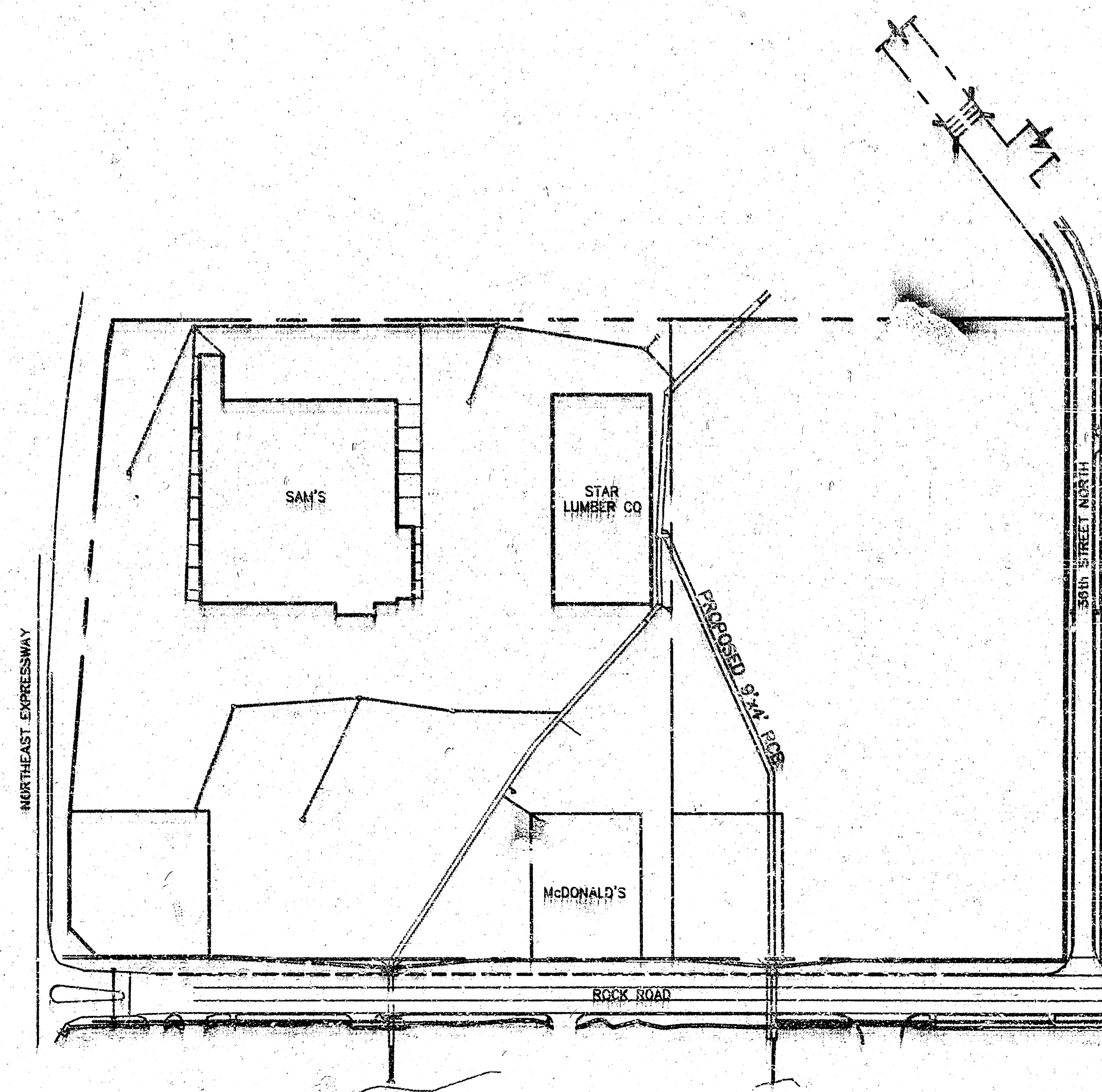
CABLEVISION	263-2061
KANSAS GAS & ELECTRIC	264-6734
SOUTHWEST BELL TELEPHONE COMPANY	264-2222
CITY OF WICHITA WATER DEPARTMENT	264-4555
CITY OF WICHITA SEWER MAINTENANCE	268-4071
7. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA SPECIFICATIONS.
8. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS SITED IN A PREVIOUSLY APPROVED BORROW LOCATION.
9. SITE RESTORATION AND PREPARATION SHALL BE SUBSIDIARY TO THE PROJECT.
10. PRECAST CONCRETE BOX SECTIONS MEETING THE REQUIREMENTS OF THE CITY OF WICHITA MAY BE SUBSTITUTED FOR ALL OR PART OF THE CAST IN PLACE REINFORCED CONCRETE BOX CULVERT. SHOP DRAWINGS OF THE PROPOSED PRECAST BOX, SEALED BY A LICENSED PROFESSIONAL ENGINEER, SHALL BE SUBMITTED FOR APPROVAL SHOWING ALL DIMENSIONS AND REINFORCING STEEL.



STORM SEWER NO. 436 TO SERVE LOT 2, BLOCK 1 COMOTARA POWER CENTER

PROJECT NO. 468-82226
INDEX CODE = 750687

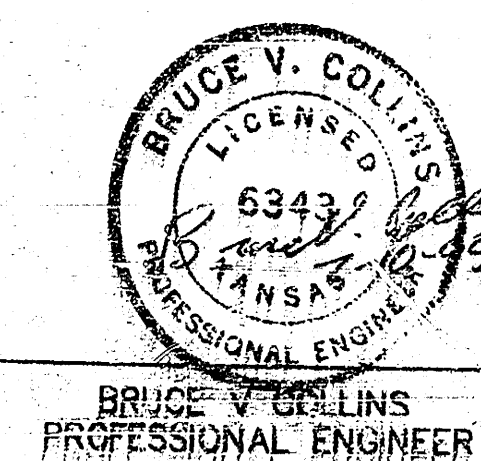
CITY OF WICHITA, KANSAS
SEDGWICK COUNTY, KANSAS
MICHAEL E. LINDEBAK, P.E., CITY ENGINEER



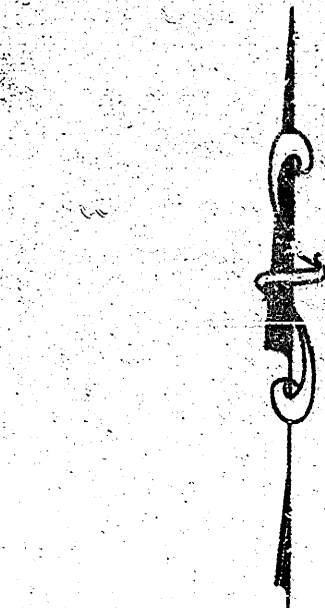
INDEX TO SHEETS:

1. TITLE SHEET
2. STORM SEWER PLAN & PROFILE
3. STORM SEWER PLAN & PROFILE
4. DETAILS
5. BOX CONNECTION DETAILS
6. GRATED DROP INLET DETAILS
7. STANDARD TYPE 1A CURB INLET DETAILS
8. FINAL PLAN

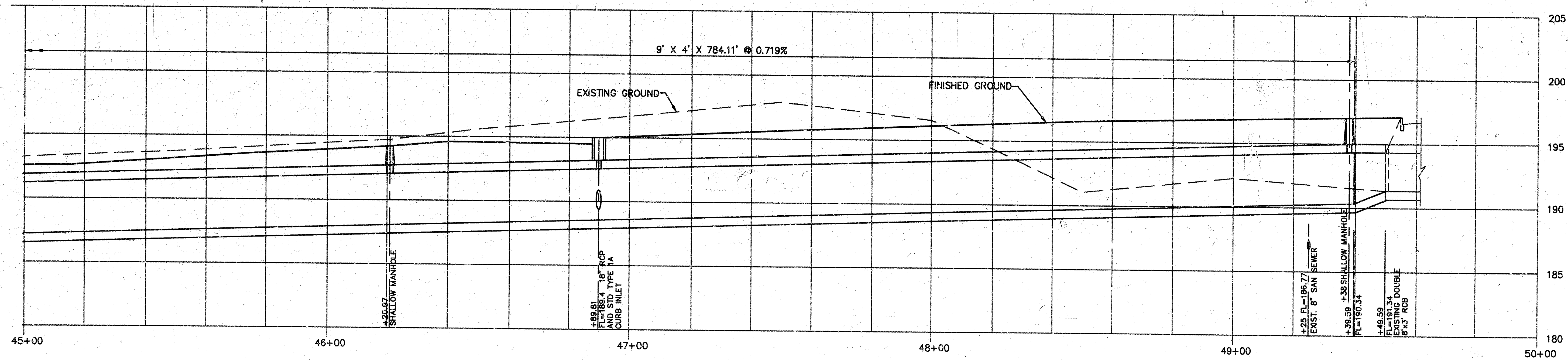
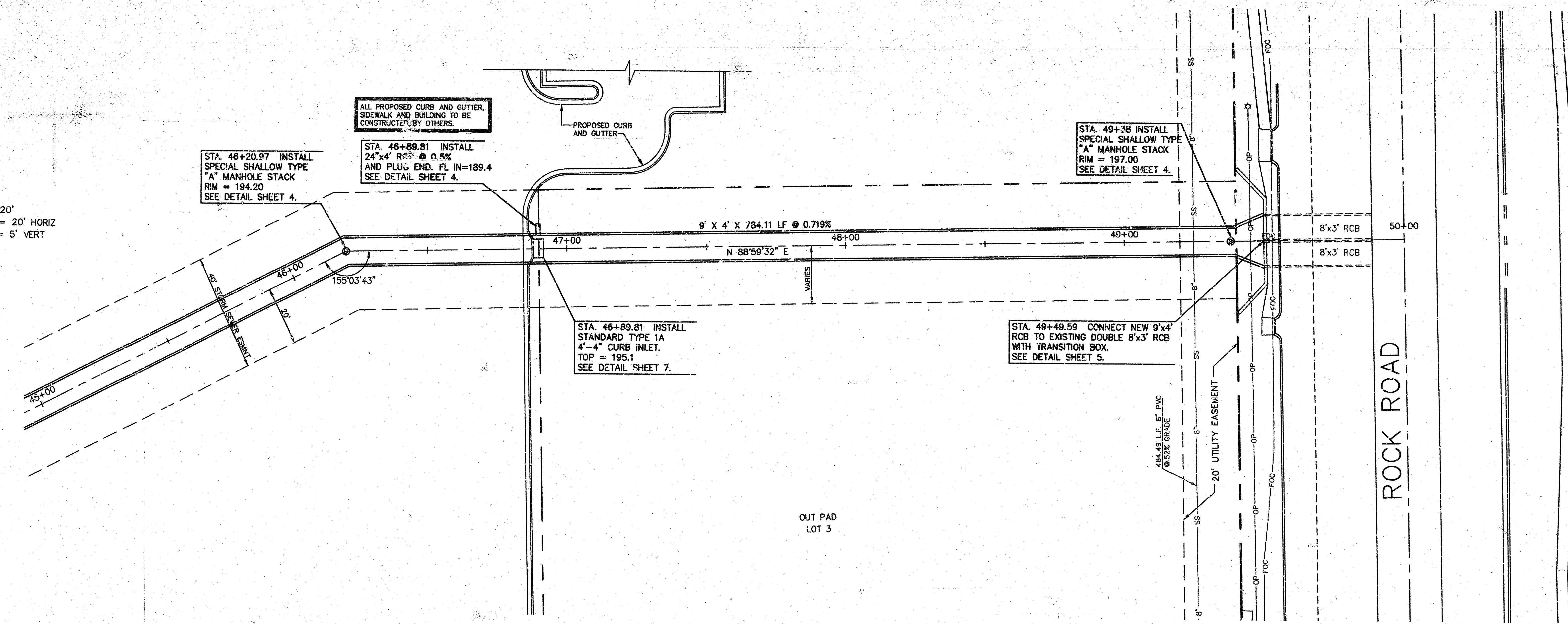
BOOKED
11-17-95
MCG
D-269



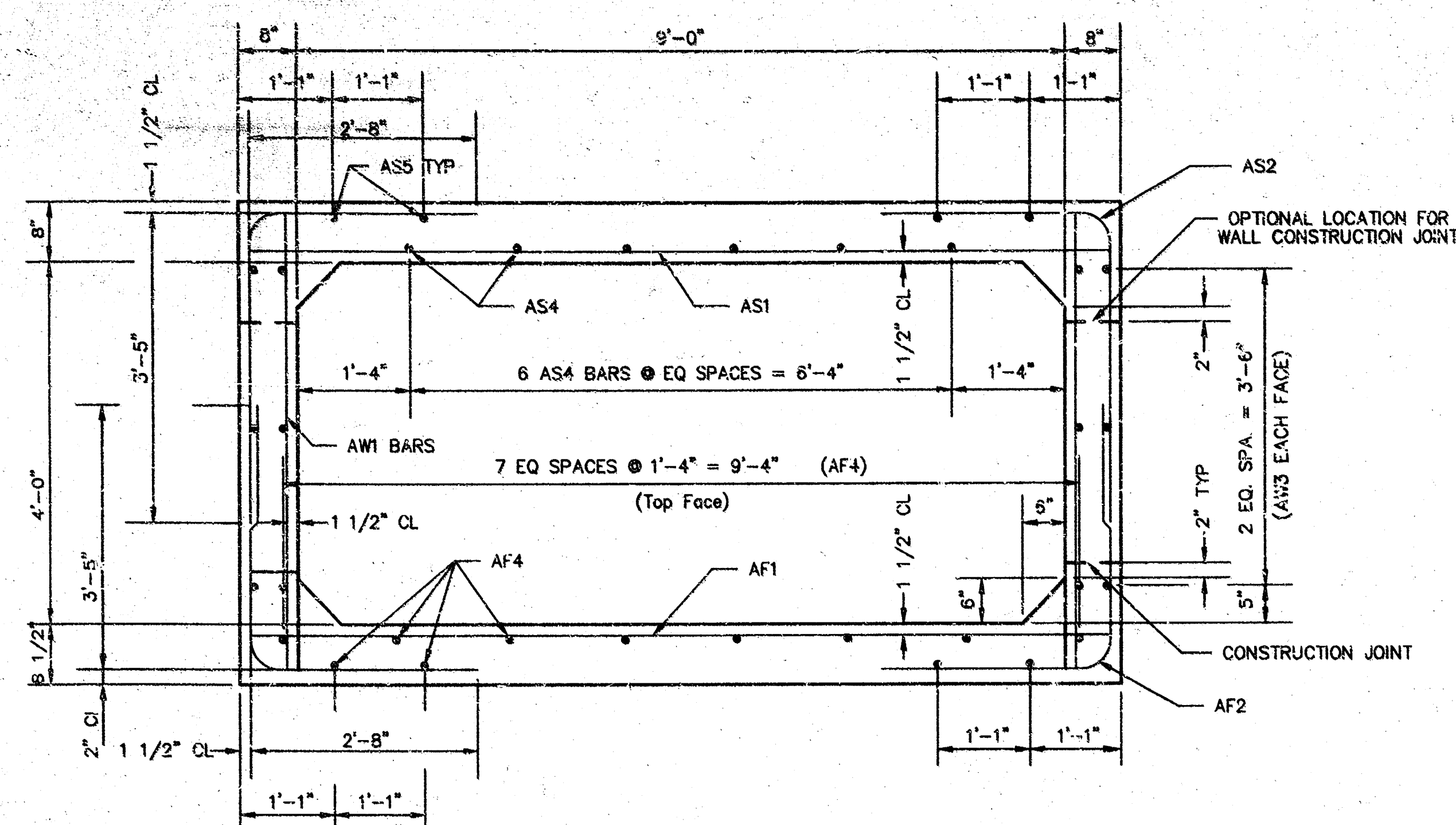
1	6-23-95	REVISED PER CITY OF WICHITA REQUEST	JO
NO.	DATE	REVISION	BY
TITLE SHEET			
P.O. BOX 1304 2310 NORTH JACKSON JUNCTION CITY, KANSAS 66401 (913) 762-5040 FAX 913-762-7744		162 N.W. PARKWAY ANDERSON, MISSOURI 64401 (314) 507-0033 8671 ALPINE ROAD LENEXA, KANSAS 66150 (913) 661-9100	
KAW VALLEY ENGINEERING, INC.		PROJECT NO. 95-1683 DATE MAY 24, 1995 DESIGNER BVC DRAWN BY JO CHECKED BY SM 168337B SHEET 1 OF 8	



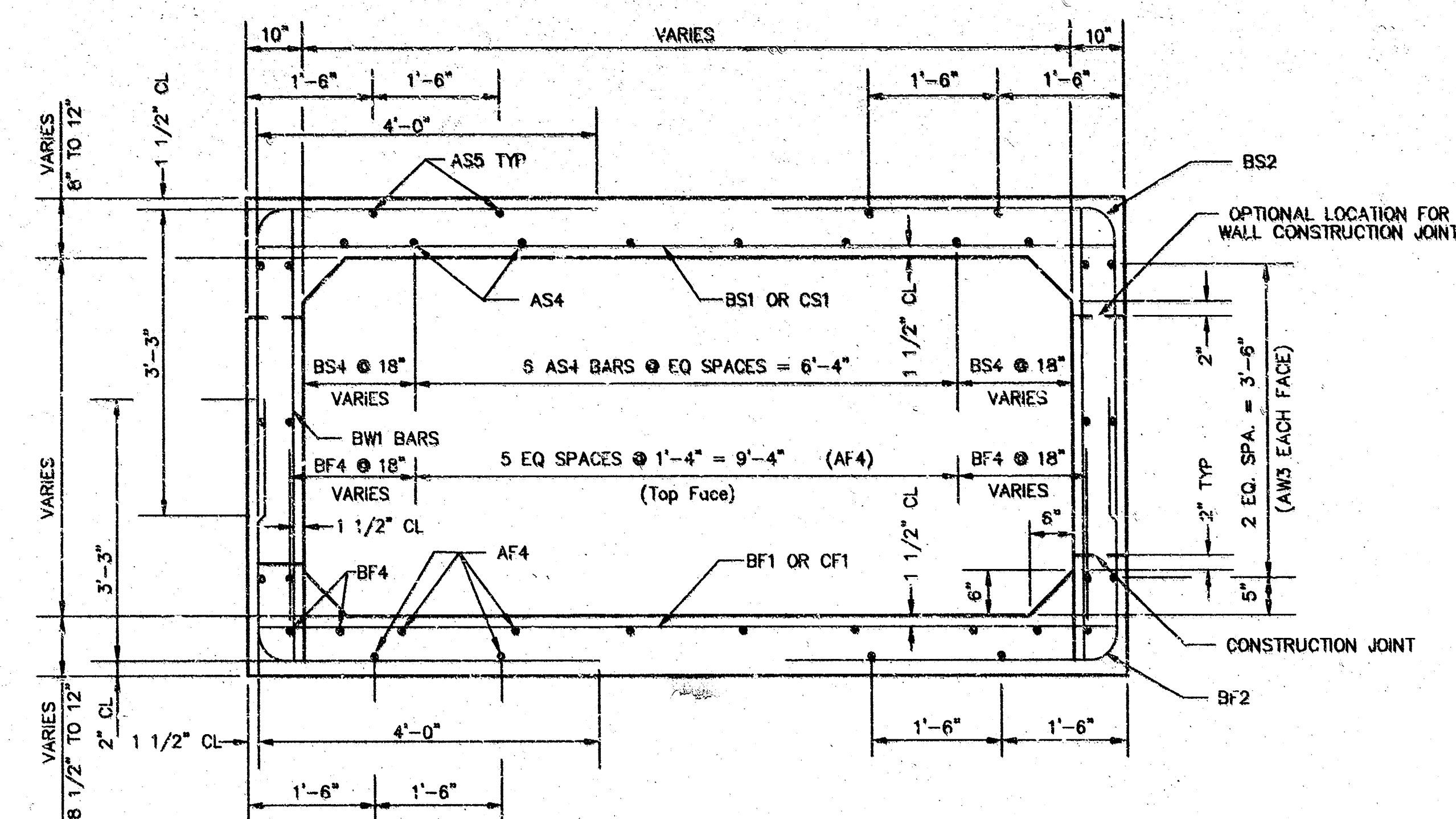
SCALE: PLAN: 1" = 20'
PROFILE: 1" = 20' HORIZ
1" = 5' VERT



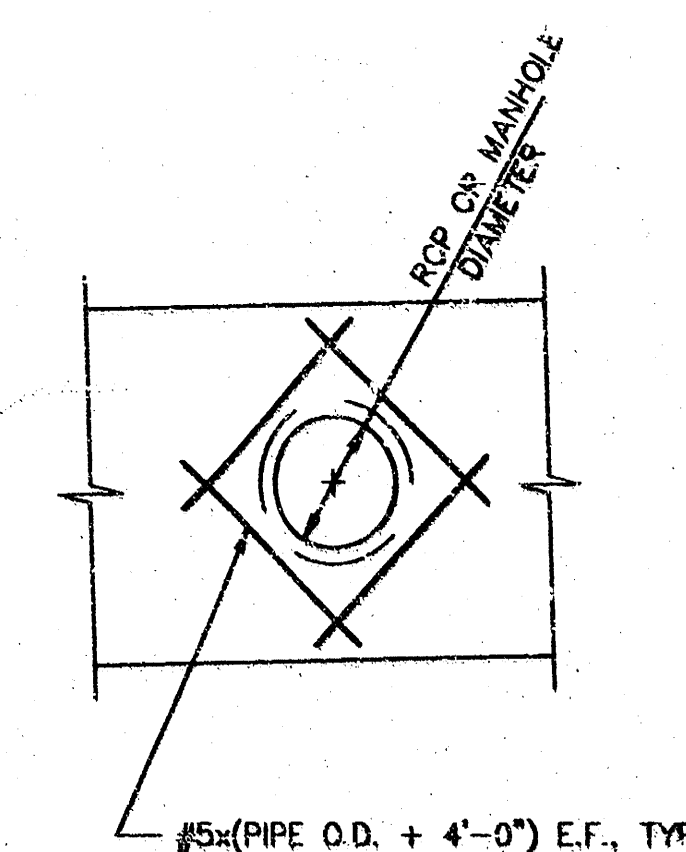
1	6-23-95	REVISED PER CITY OF WICHITA REQUEST	JO
NO.	DATE	REVISION	BY
STORM SEWER PLAN AND PROFILE			
P.O. BOX 1304 2319 NORTH JACKSON JUNCTION CITY, KANSAS (913)762-5040 FAX 913-762-7744		PROJ. NO. 95-1683 DATE MAY 24, 1995 DESIGNER BVC DRAWN BY JO CHECKED BY SM 1683SP SHEET 3 OF 8	
KAW VALLEY ENGINEERING, INC.		123 "W" PARKWAY SUITE 307C, MISSOURI CITY, MO 64105 (816)587-5000 9371 ALDEN ROAD LEWISIA, KANSAS (913)884-5100	



9' x 4' RCB
STA 41+50.88 to STA 49+39.59
SCALE: NONE



TRANSITION RCB
STA 49+39.59 to STA 49+49.59
SCALE: NONE



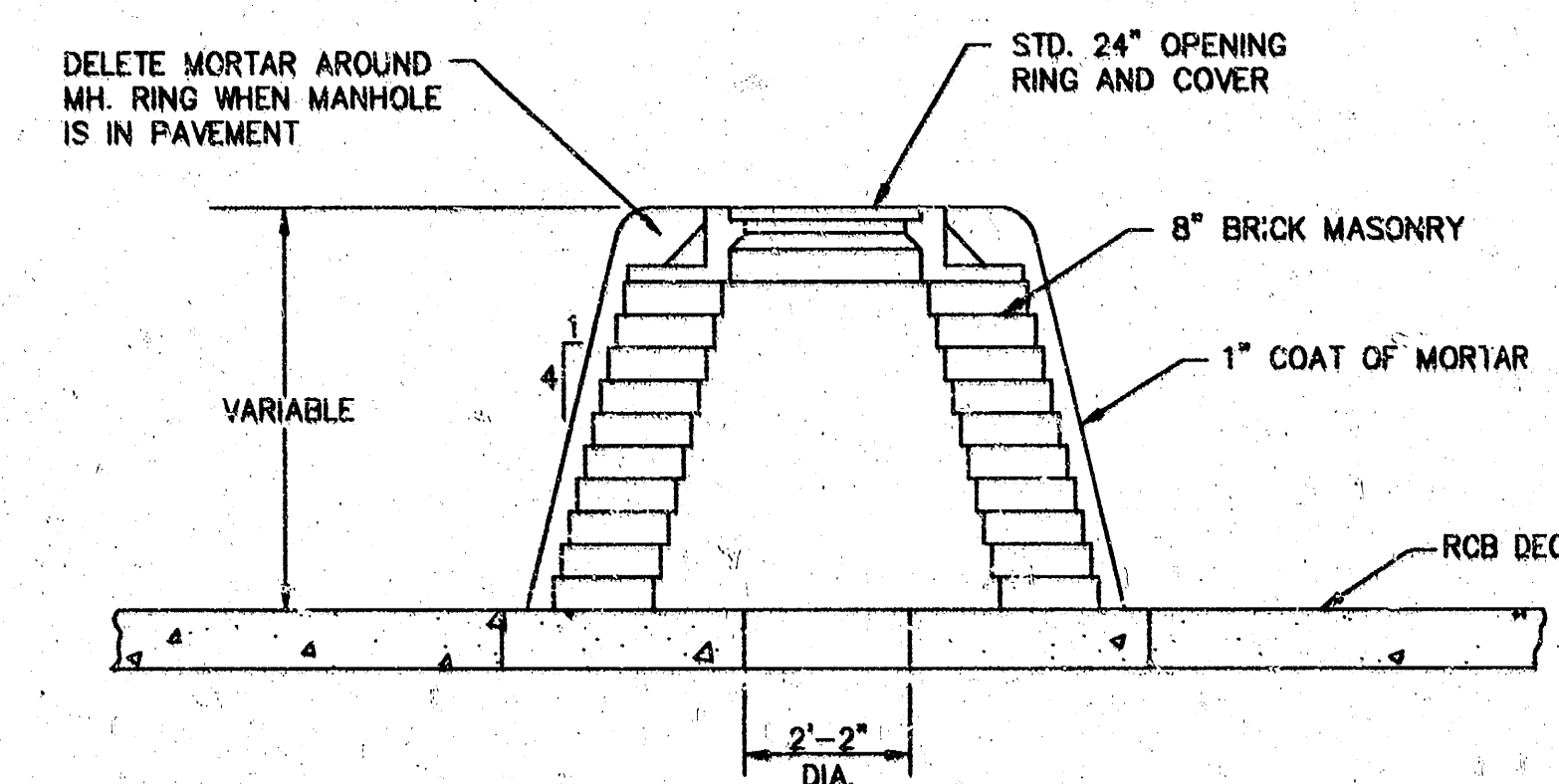
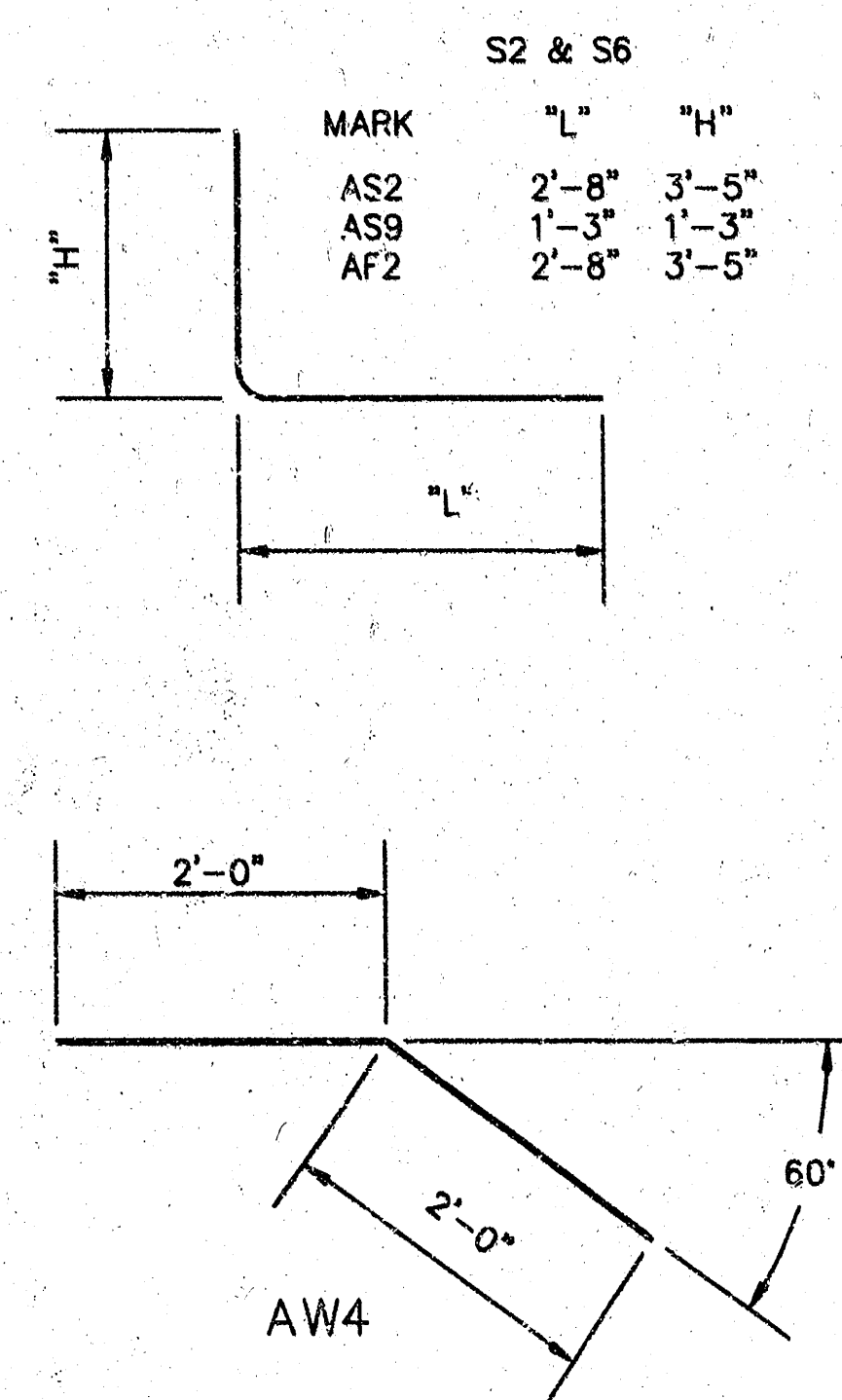
REINFORCING AT PIPE OR MANHOLE OPENING
THRU REINFORCED CONCRETE BOX

9' x 4' RCB AND TRANSITION
MIN. SPLICE LENGTH FOR ALL
HORIZONTAL BARS SHALL BE 15"

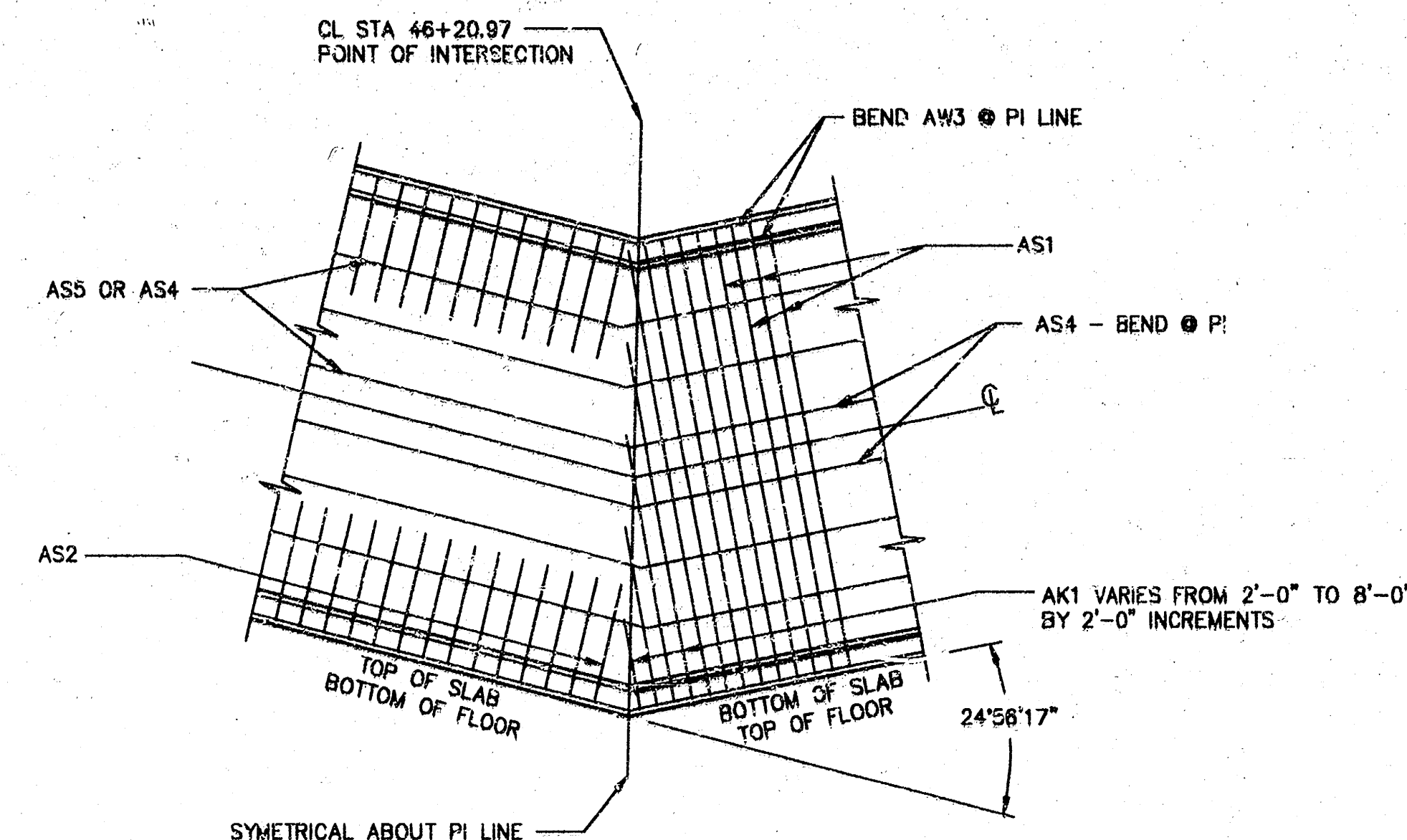
MARK	SIZE	SPACING	LENGTH
AF1	5	5"	10'-0"
AF2	5	8"	6'-1"
AF3	5	AS SHOWN	10'-0"
AF4	4	-	-
AF5	5	5"	VARIES
AF6	5	5"	VARIES
AS1	5	5"	10'-0"
AS2	5	8"	6'-1"
AS3	5	5"	VARIES
AS4	5	5"	VARIES
AS5	4	-	-
AS6	4	AS SHOWN	10'-0"
AS7	5	4"	2'-6"
AS8	5	4"	10'-0"
AW1	4	10"	5'-1"
AW2	4	-	-
AW3	4	-	-
AW4	6	3"	-
AW5	4	9"	-
AK1	5	5"	VARIES
BF1	6	5"	VARIES
BF2	6	6"	7'-3"
BS1	6	5"	VARIES
BS2	6	5"	7'-3"
BS3	5	8"	11'-0"
BS4	4	-	-
BF4	4	-	-
CF1	7	5"	VARIES
CS1	7	5"	VARIES
DI	5	18"	3'-0"

* SEE BENDING DIAGRAMS

REBAR BENDING DIAGRAM



SPECIAL SHALLOW TYPE 'A' MANHOLE

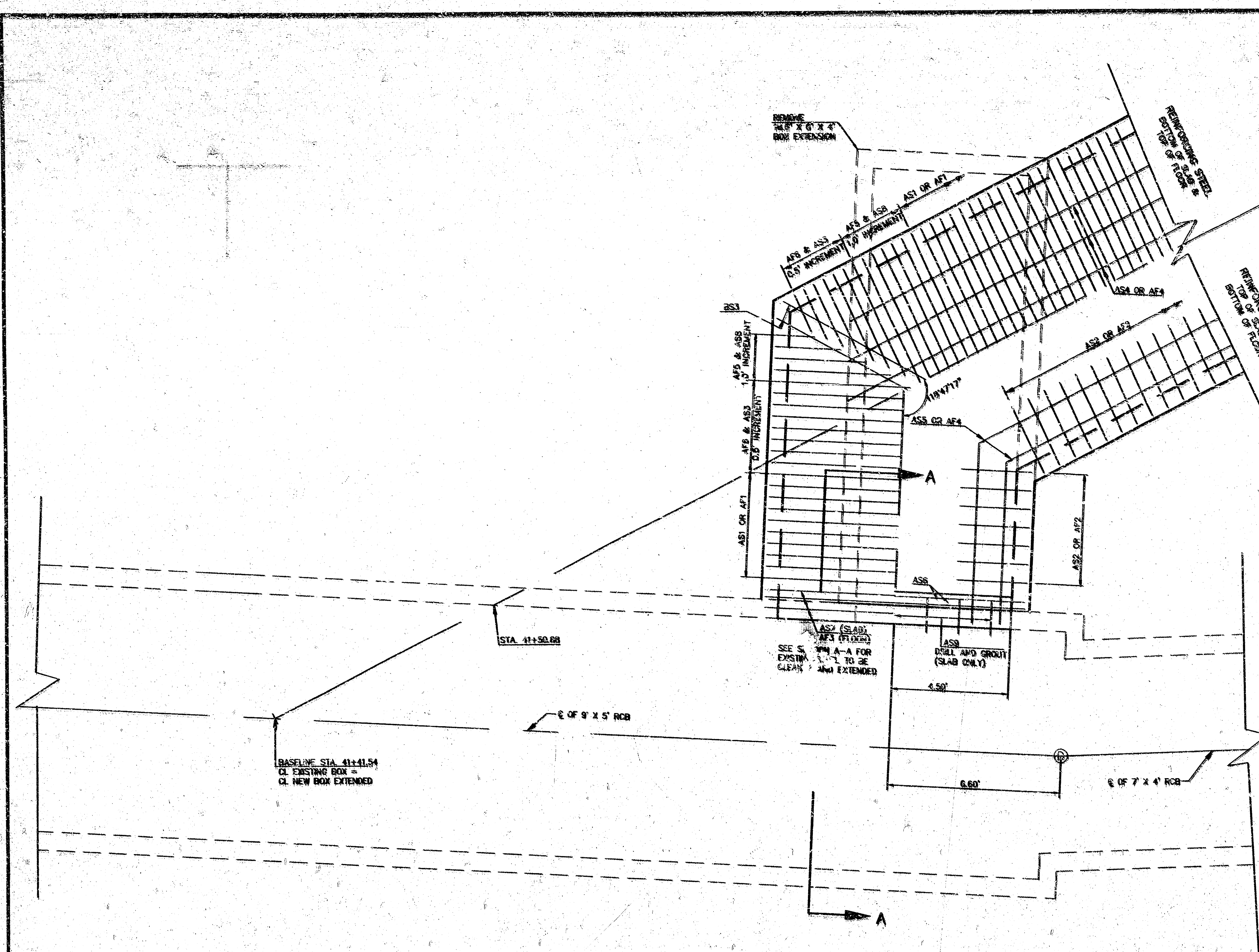


PI STA. 46+20.97 DETAIL

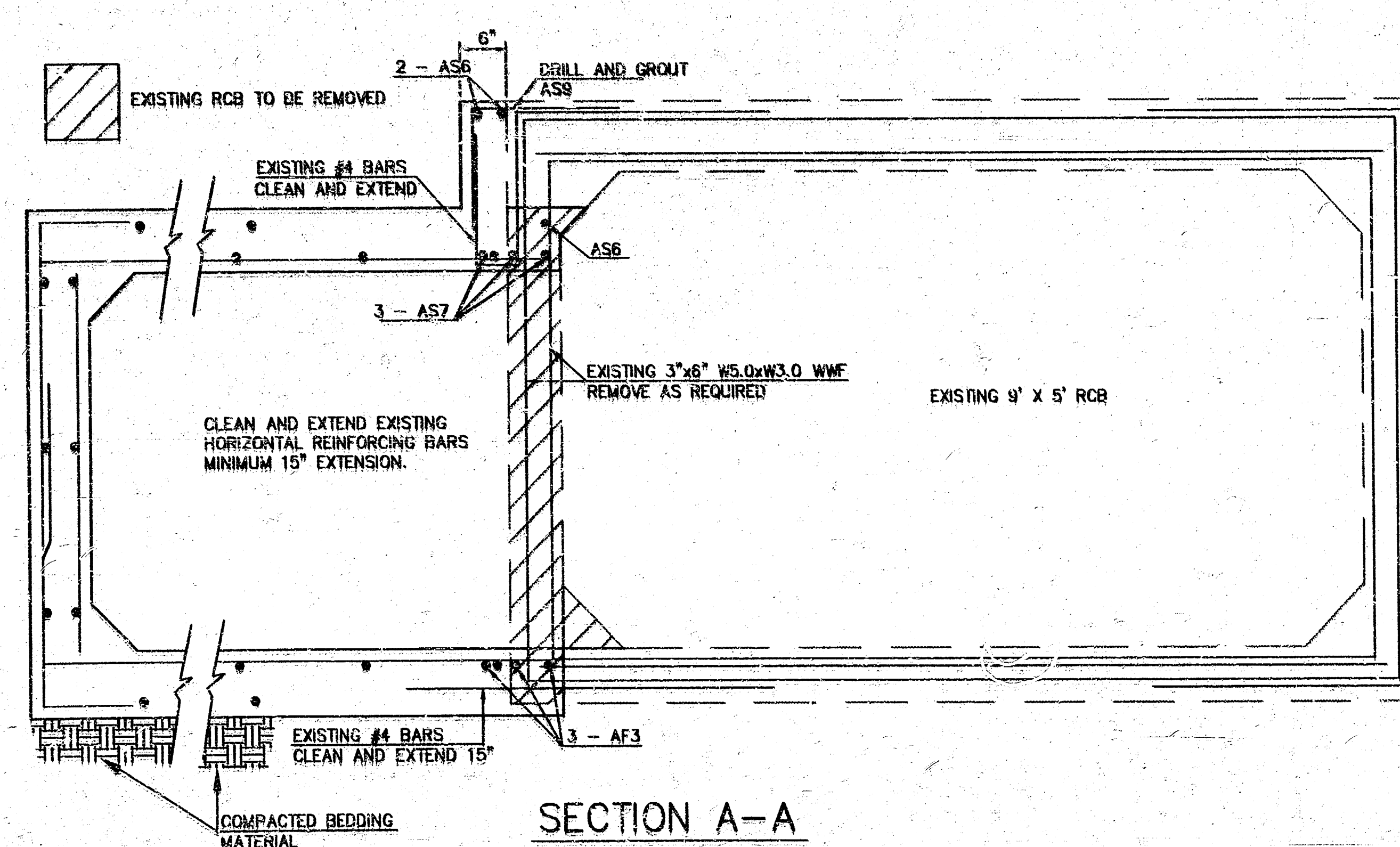
LOADING: HS 20-44, AASHTO

UNIT STRESSES:
CONCRETE: $f'_c=4000$ psi
REINFORCING STEEL: $f_y=60$ ksi

NO.	DATE	REVISION	BY
1	6-23-95	REVISED PER CITY OF WICHITA REQUEST	JO
DETAILS			
P.O. BOX 1304 2318 NORTH JACKSON JUNCTION CITY, KANSAS 66441 (913) 762-5040 FAX 913-762-7744		KAW VALLEY ENGINEERING, INC. 122 N.W. PARKWAY WICHITA, KANSAS 67202 (913) 261-3633 9671 ALDEN ROAD LENEXA, KANSAS 66150 (913) 261-1700	
PRJ. NO. 95-1663 DATE MAY 24, 1995 DESIGNER BVC DRAWN BY JO CHECKED BY SM 1683DET		SHEET 4 OF 8	

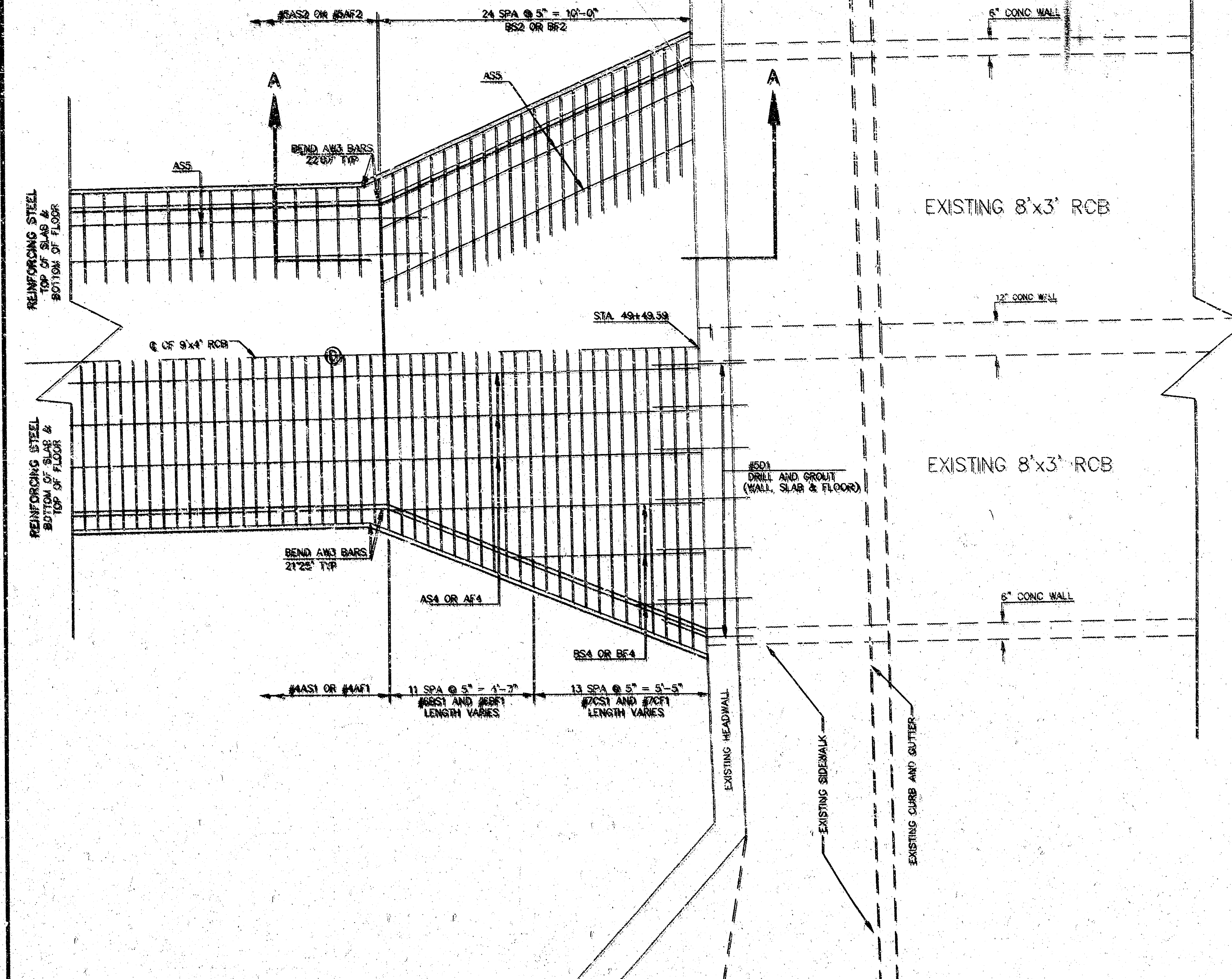


CONNECTION AT STA. 41+50.88

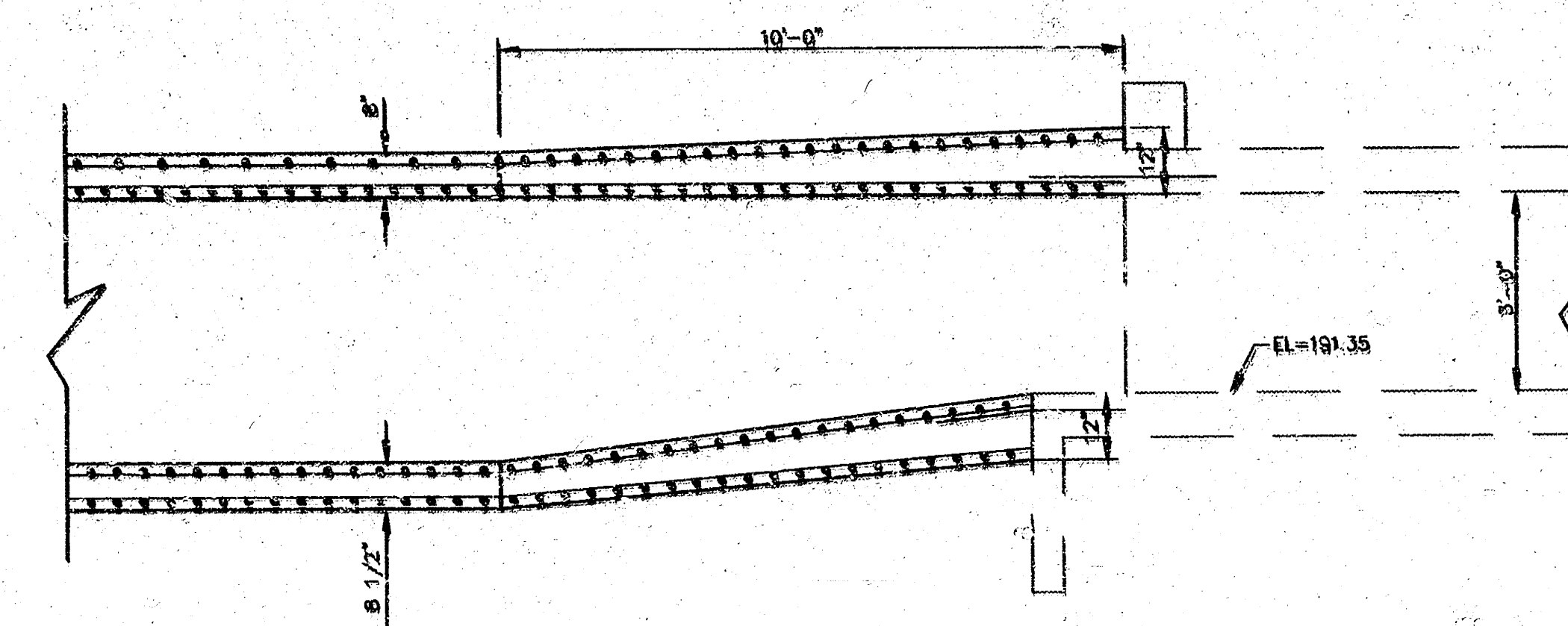


SECTION A-A

SEE PLAN AND PROFILE SHEETS
FOR LOCATIONS OF EXISTING UTILITIES.



CONNECTION AT STA. 49+49.59

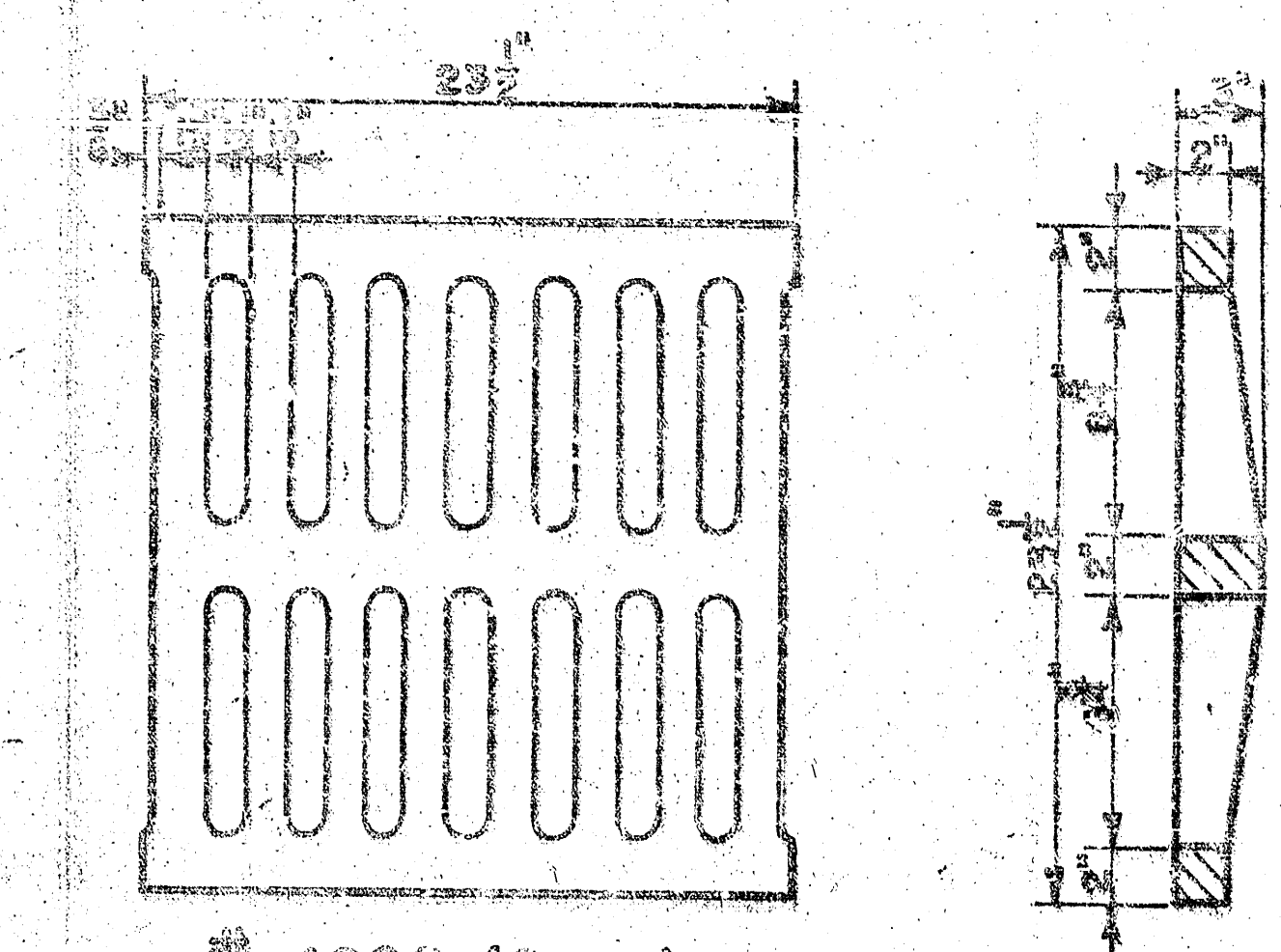
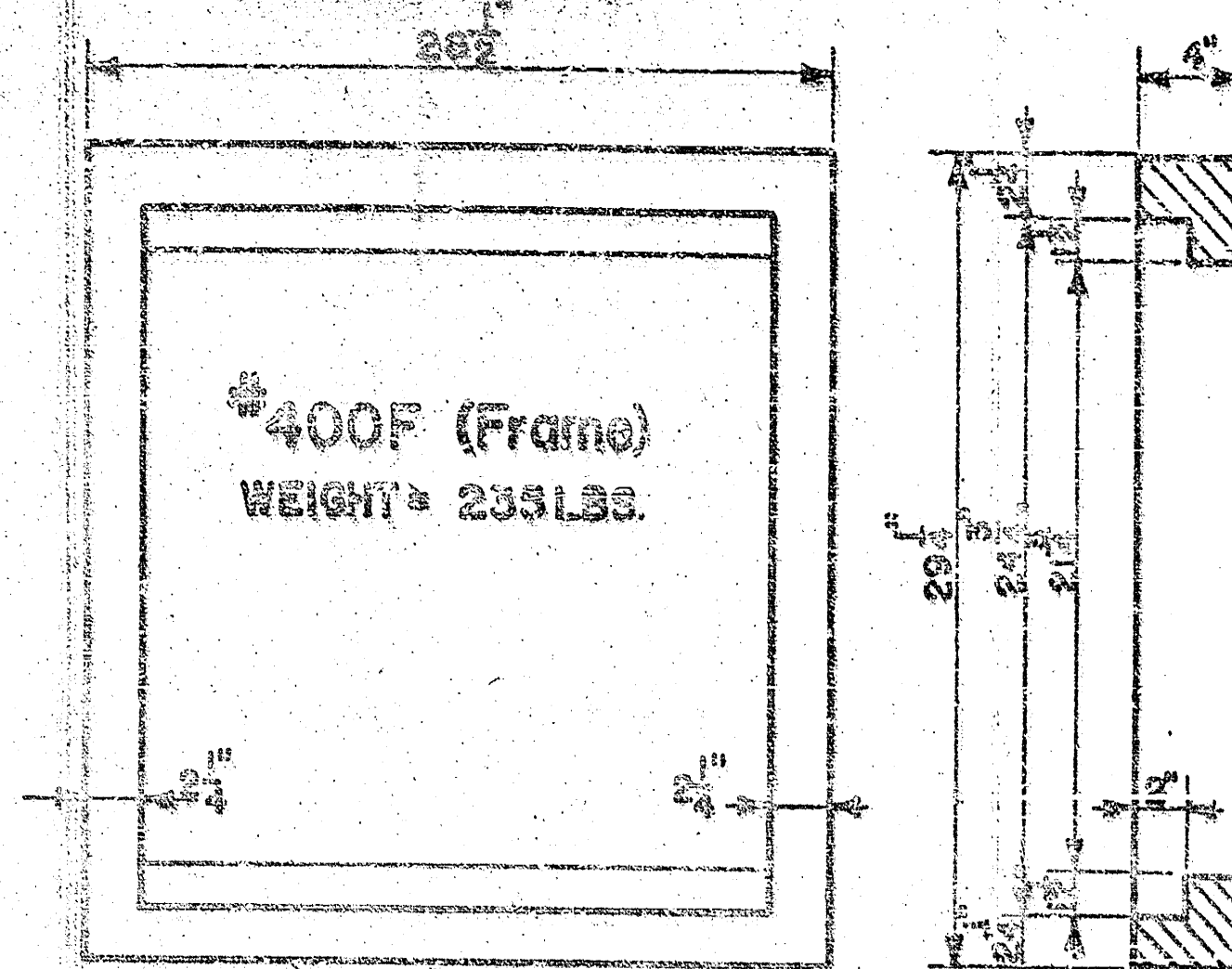


SECTION A-A

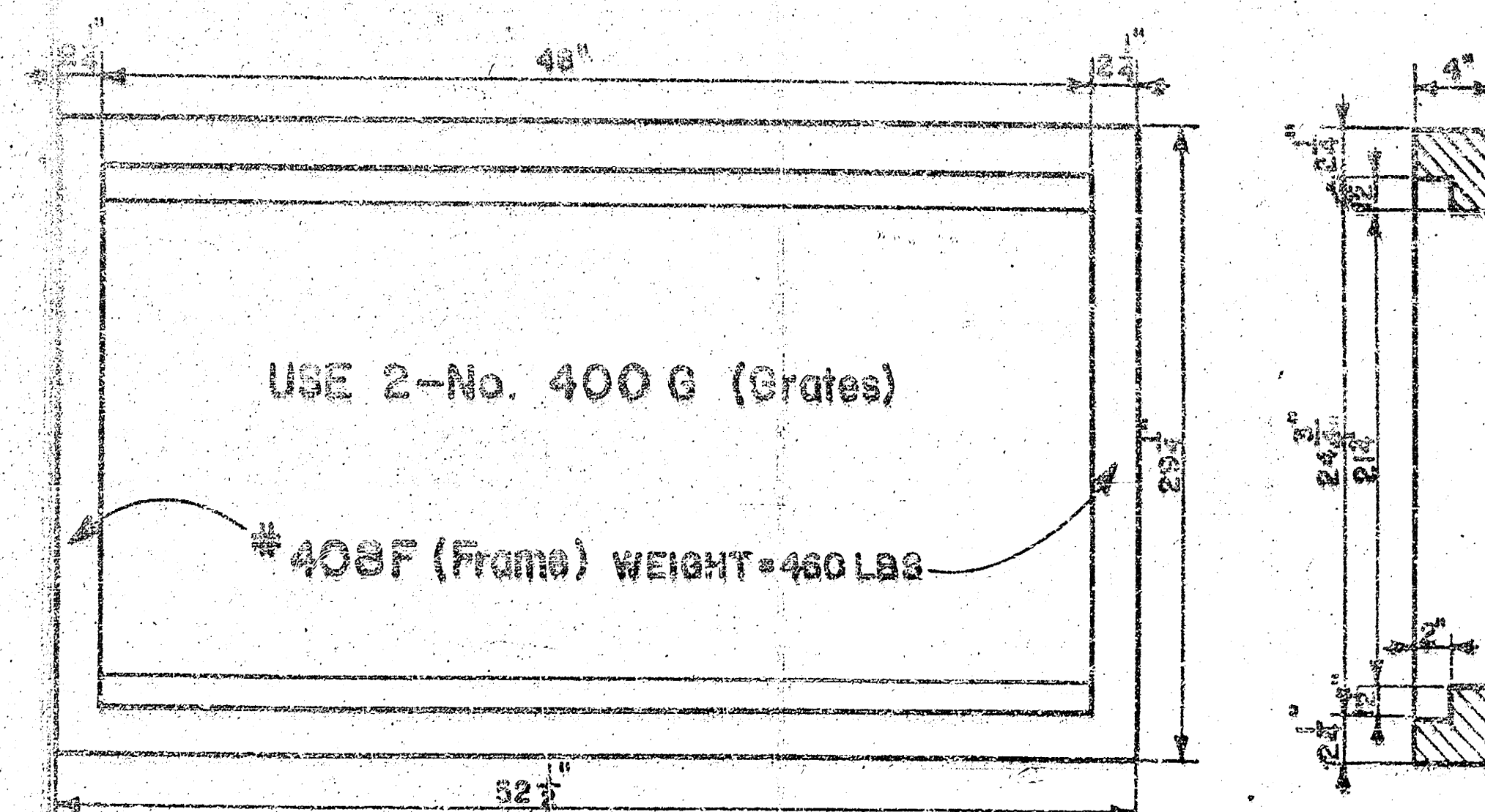
NO.	DATE	REVISION	BY
1	6-23-85	REVISED PER CITY OF WICHITA REQUEST	JJO

DETAILS		PROJ. NO. 95-1683
KAW VALLEY		DATE MAY 24, 1995
ENGINEERING, INC.		DESIGNER BUC
P.O. BOX 1304 2310 NORTH JACOBSON JUNCTION CITY, KANSAS 66441		DRAWN BY JJC
913/762-5040 913/762-7744		CHECKED BY SM
		CFN 1683DET
		SHEET 5 OF 6

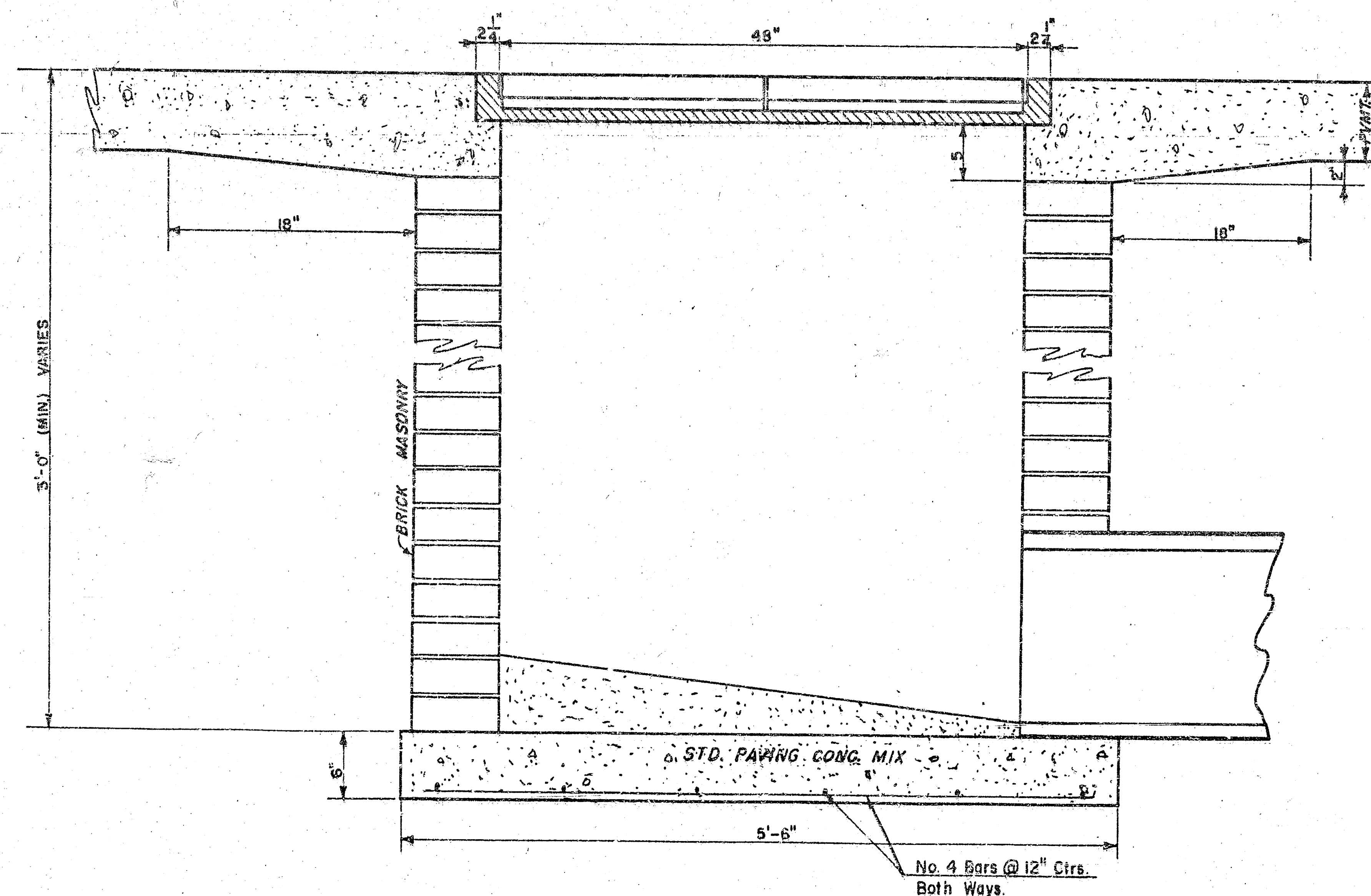
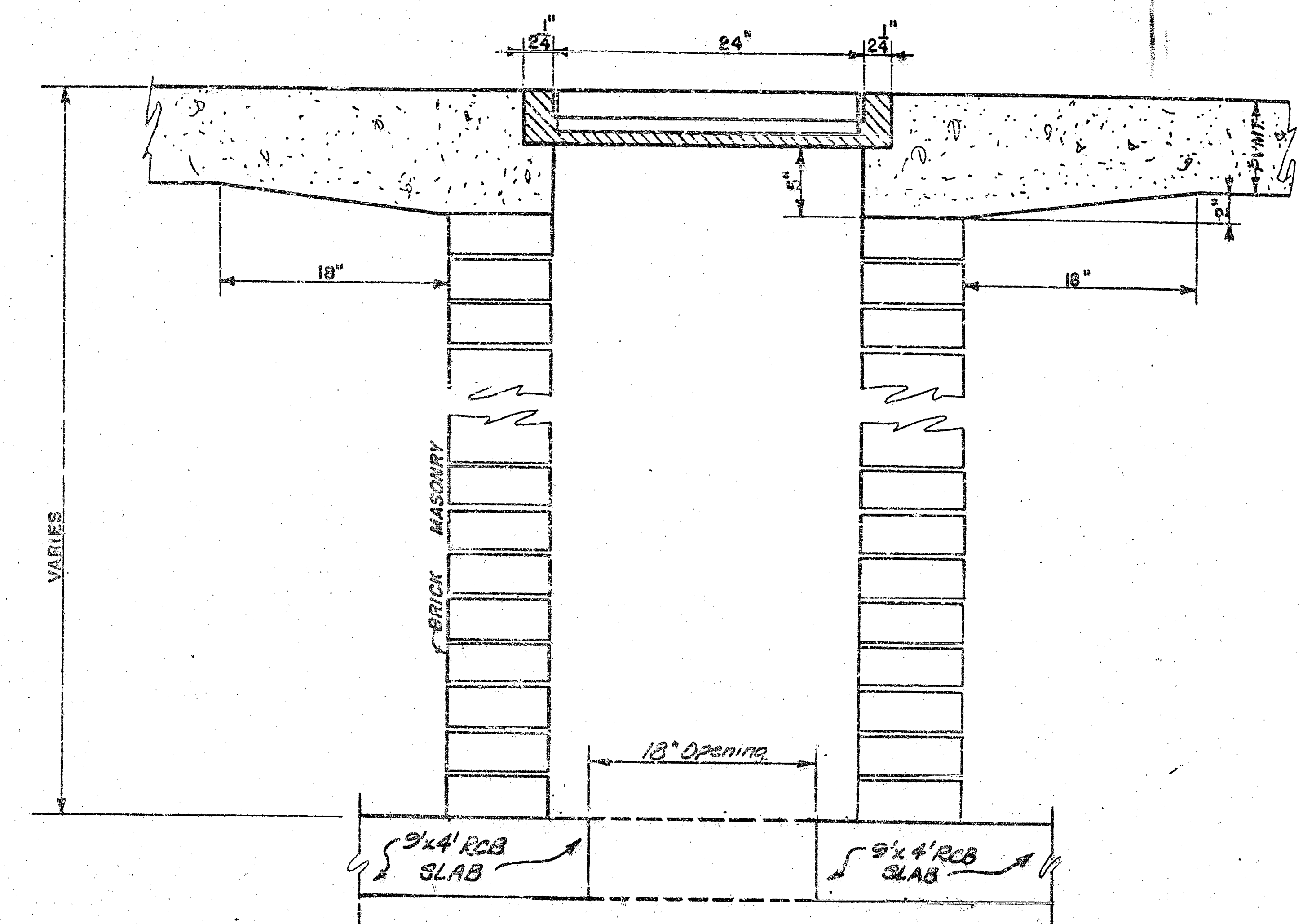
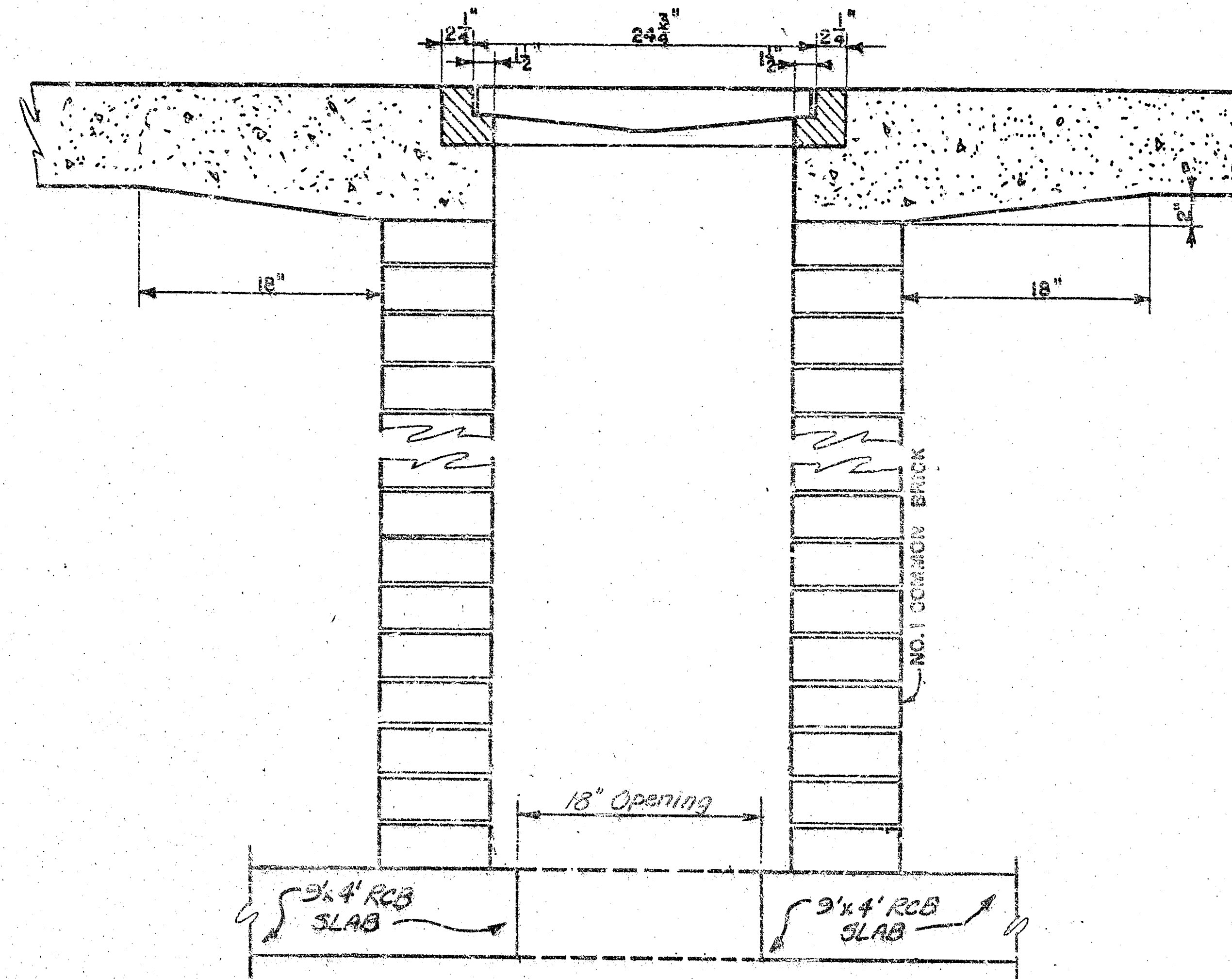
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be used only if approved by the engineer.



24"x24" Frame & Grate Detail



Double 24"x24" Frame Detail



DROP INLET DETAILS

M.E. Lindebak, City Engineer

City of Wichita, Kansas

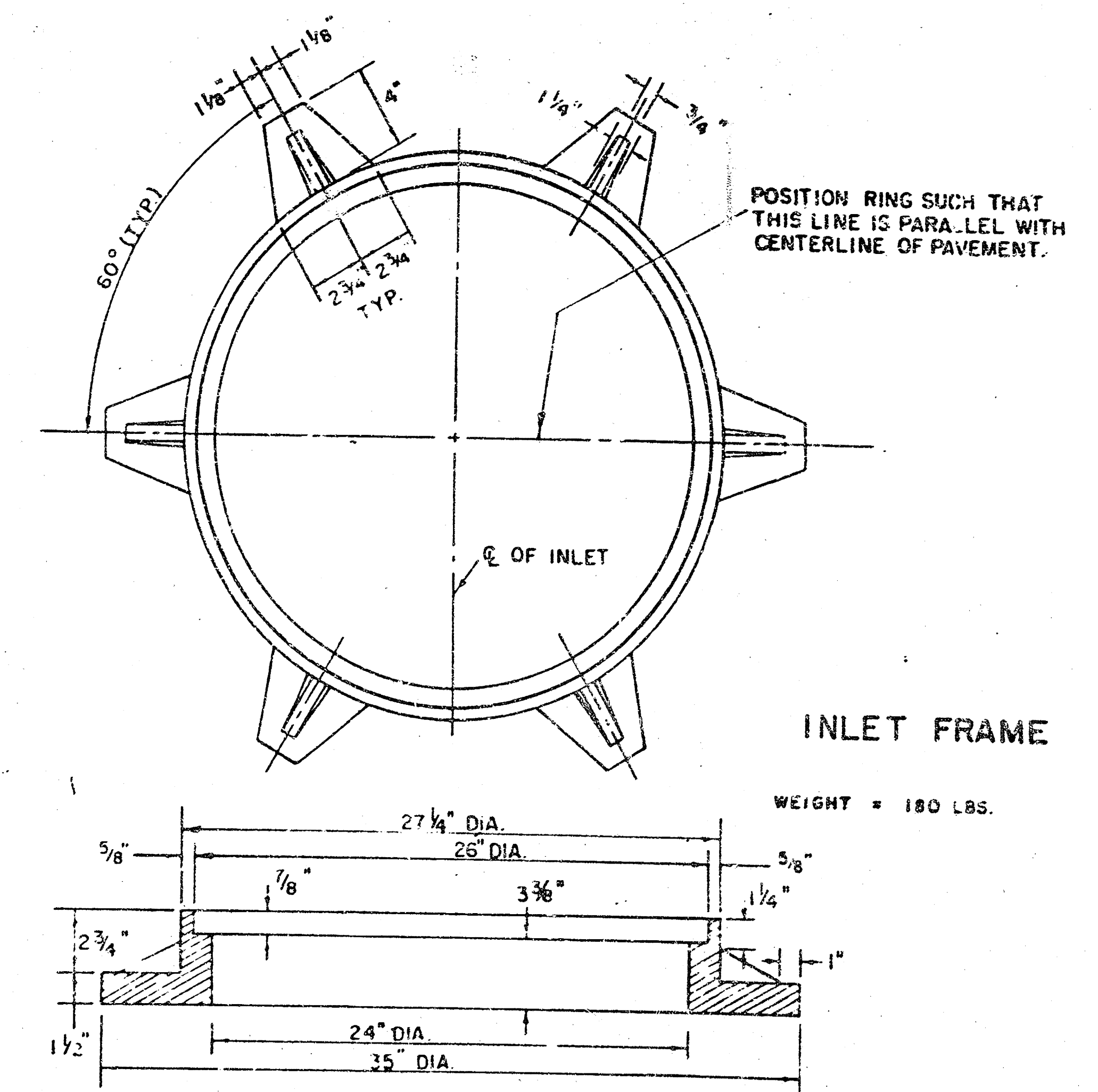
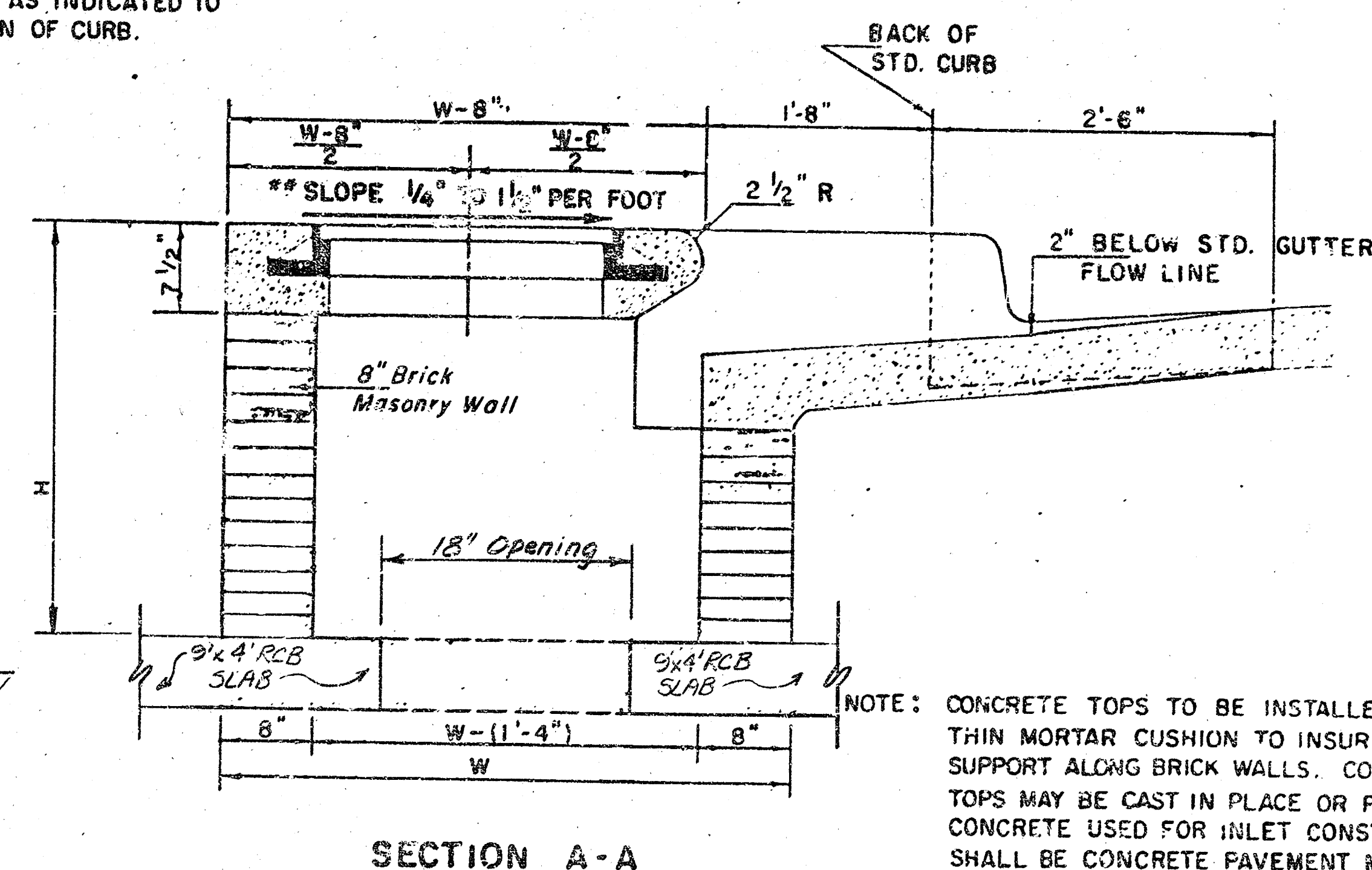
Project

Project No.

Date:

Scale: 1-1/2" = 1'-0"

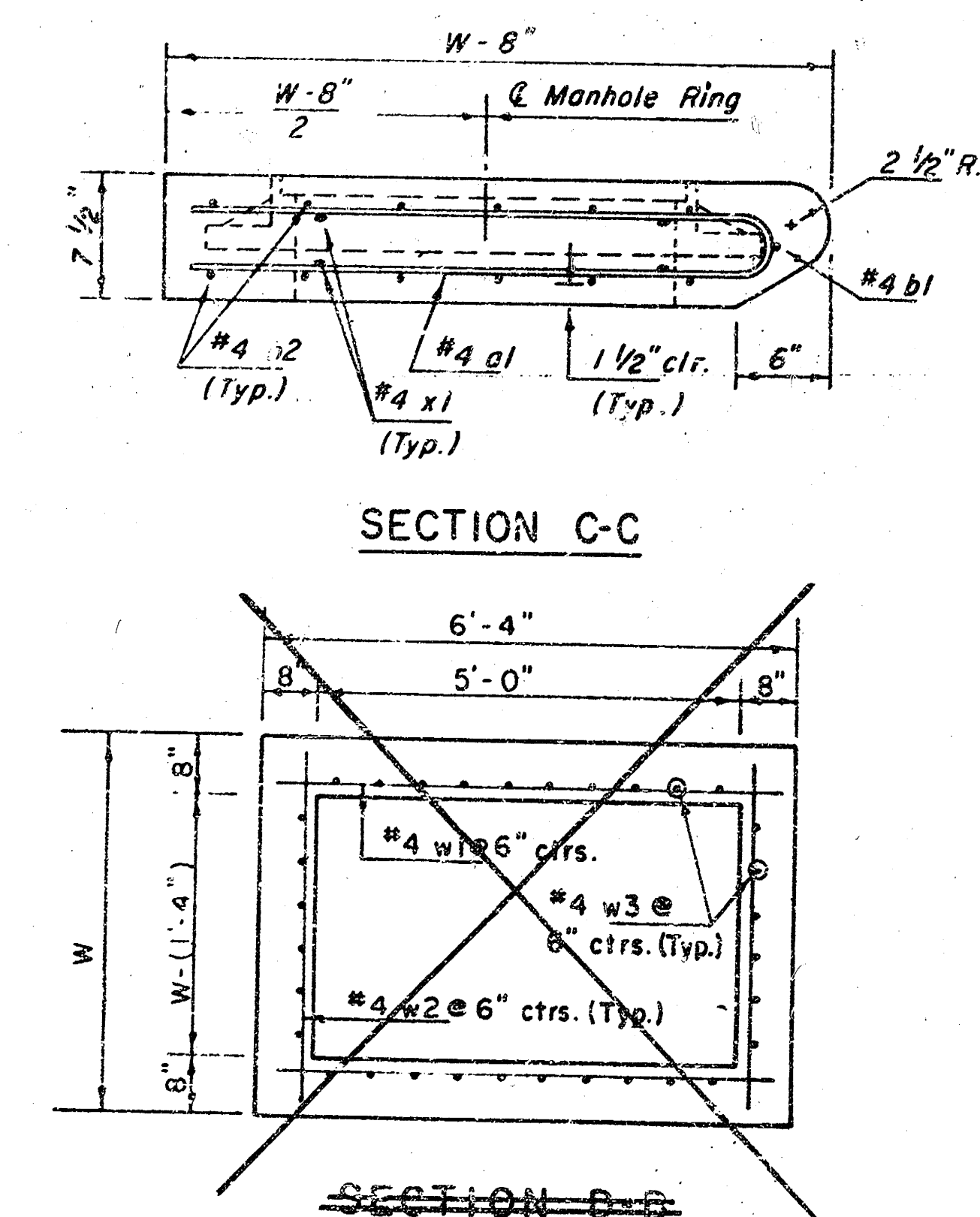
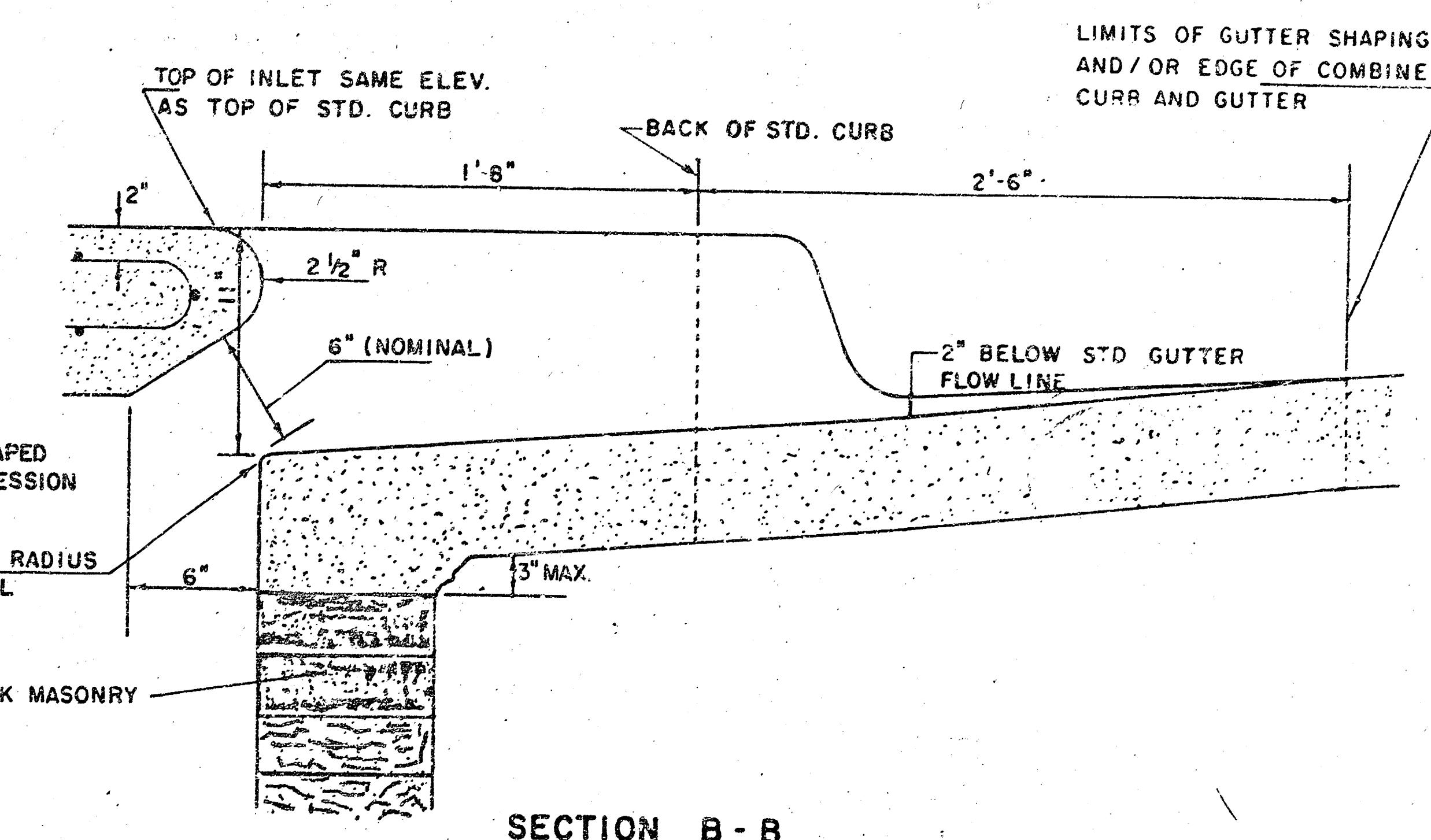
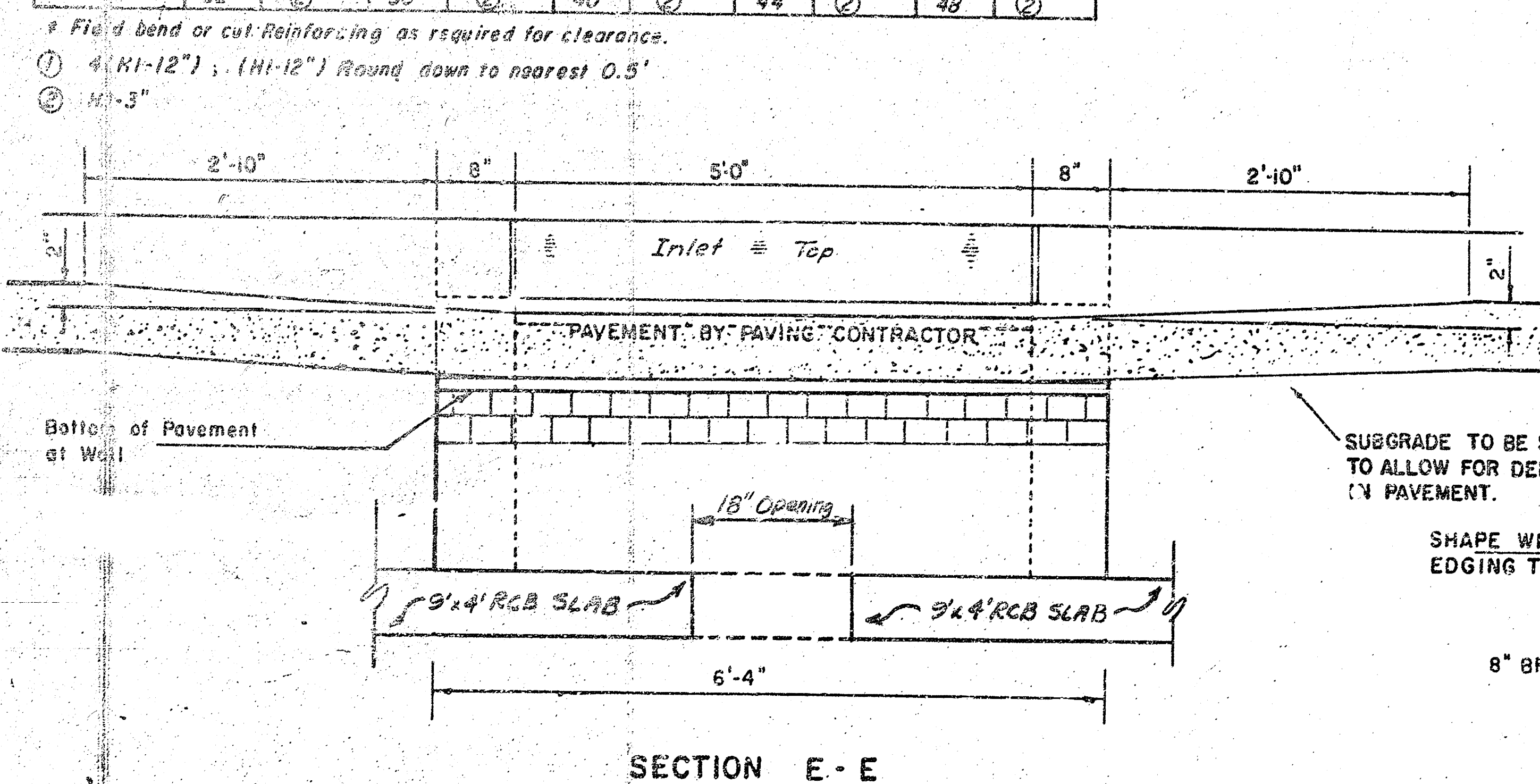
Sheet 6 of 8



PRECAST SLAB AND FLOOR REINFORCING											
		W=4'-0"		W=5'-0"		W=6'-0"		W=7'-0"		W=8'-0"	
Height	Size	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
#1	#4	8	5'-0"	8	3'-7"	6	10'-7"	6	12'-7"	6	14'-7"
#2	#4	4	8'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
#3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"	13	8'-1"
#1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
#2	#4	23	6'-1"	29	5'-1"	35	6'-1"	41	6'-1"	47	6'-1"
#1	#4	8	3'-10"	9	4'-2"	8	4'-5"	8	4'-10"	8	5'-2"

WALL REINFORCING											
		W=4'-0"		W=5'-0"		W=6'-0"		W=7'-0"		W=8'-0"	
At	Size	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
#1	#4	(1)	5'-1"	(1)	5'-1"	(1)	5'-1"	(1)	5'-1"	(1)	5'-1"
#2	#4	(1)	4'-1"	(1)	5'-1"	(1)	6'-1"	(1)	7'-1"	(1)	8'-1"
#3	#4	32	(2)	35	(2)	40	(2)	44	(2)	48	(2)

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CUL. YD. CON.
4' 4"	5' 8" x 6' 4" x 7 1/2"	21" $\pm$ SMALLER	0.38 $\pm$
5' 4"	6' 8" x 6' 4" x 7 1/2"	24" $\pm$ 30"	0.51 $\pm$
6' 4"	5' 8" x 6' 4" x 7 1/2"	36" $\pm$ 42"	0.64 $\pm$
7' 4"	6' 8" x 6' 4" x 7 1/2"	48" $\pm$ 54"	0.77 $\pm$
8' 4"	7' 8" x 6' 4" x 7 1/2"	60" $\pm$ 66"	0.90 $\pm$

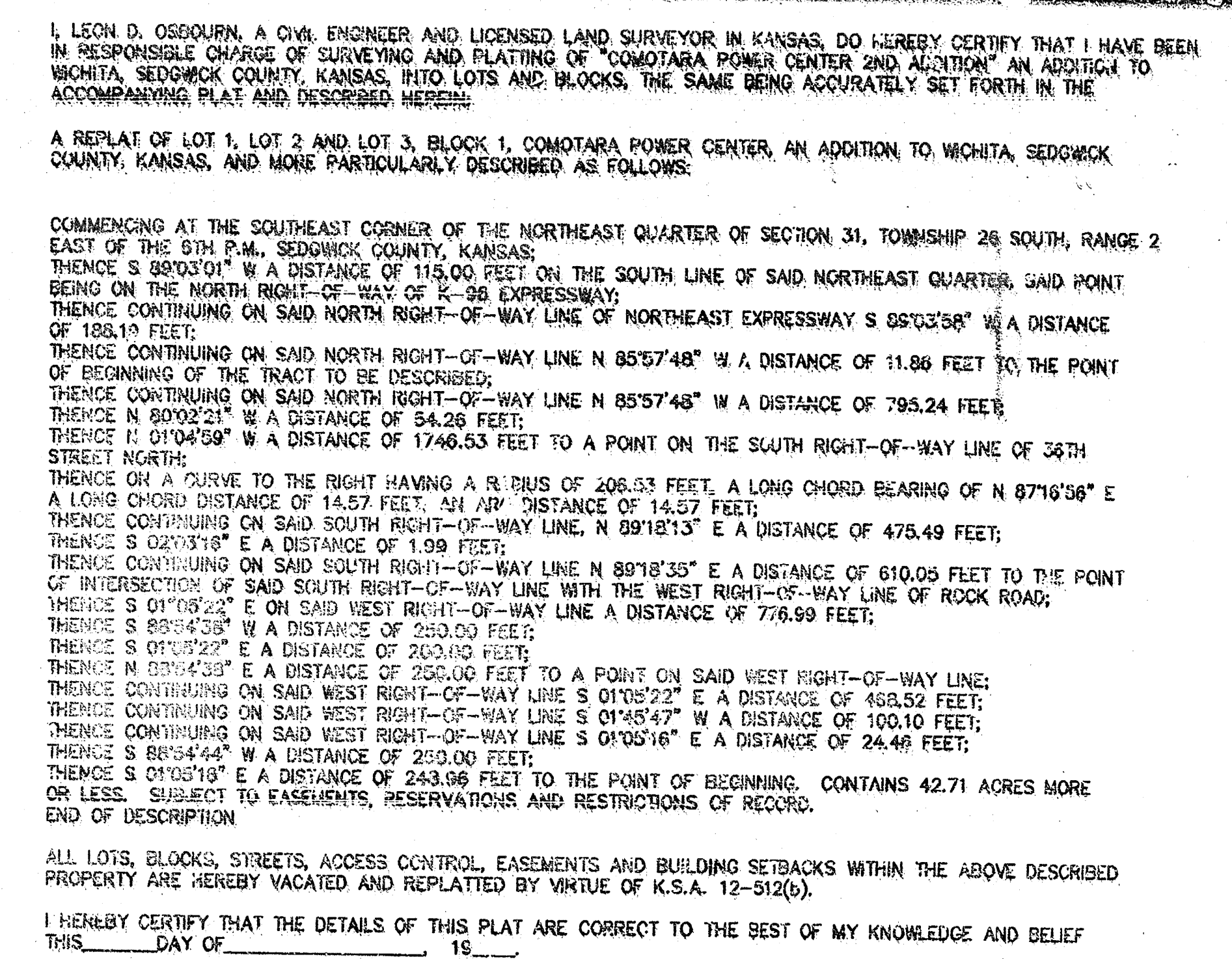
~~REVISED 11-30-1988~~~~REVISED 12-21-1934~~

Revised 2-16-1989

DETAIL STANDARD TYPE 1A CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6" x 5' 0"

JUNE 1984

Sheet 7 of 8



DATE SIGNED: _____, 19____

NORTHROCK REALTY PARTNERS
JAYD C. NESSEITI, PARTNER

DATE SIGNED: _____, 19____

STAR PROPERTIES, LLC
CHRIS GOEBEL, PRESIDENT

DATE SIGNED: _____, 12____

PROSPERITY ENTERPRISES, LLC
WAYNE WONG, PRESIDENT

DATE SIGNED: _____, 19____

WILHELM GROUP, INC.
ANDREW SCHNEIDERFISCHER
DIRECTOR OF DEVELOPMENT

DATE SIGNED: _____, 19____

RETAIL BUILDINGS, INC.
M.H. BROWN, PRESIDENT

BANK IV KANSAS, NATIONAL ASSOCIATION

NOTARY CERTIFICATE
STATE OF KANSAS
COUNTY OF SEDGWICK JSS
THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON _____ BY _____
AS PARTNER OF NORTHROCK REALTY PARTNERS ON BEHALF OF NORTHROCK REALTY PARTNERS
_____, NOTARY PUBLIC

_____, NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

[illegible]