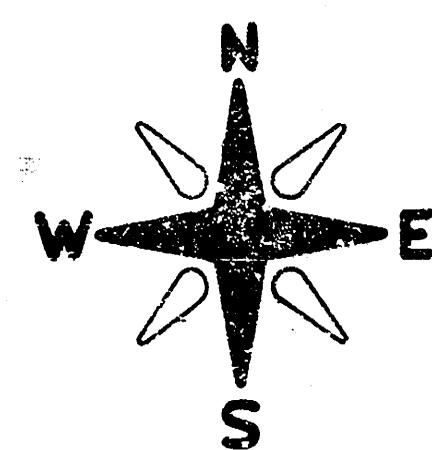


PLAN
DORIS
CLARA
MAPLE



DORIS

CLARA

MAPLE

GENERAL NOTES

1. DRAINAGE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH PAVING CONTRACTOR.
2. CONTRACTOR SHALL CONTACT AND COORDINATE WITH VARIOUS UTILITY COMPANIES FOR EXACT LOCATIONS OF UNDERGROUND AND OVERHEAD UTILITIES AND WORK OUT ON-SITE PROBLEMS AT THE DIRECTION OF THE FIELD ENGINEER.
3. PIPE MATERIAL FOR PIPE STUBS SHALL BE REINFORCED CONCRETE PIPE. EACH STUB SHALL BE BLOCKED WITH A PLANK BULKHEAD, COST TO BE INCLUDED IN COST PER LINEAL FEET OF PIPE.
4. ANY PAVEMENT OR SECTIONS OF PAVEMENT REMOVED SHALL BE REPLACED WITH TEMPORARY 5" ASPHALT MAT. DRIVES REMOVED SHALL BE REPLACED WITH A TEMPORARY 3" ASPHALT MAT. WALK REMOVED SHALL NOT BE REPLACED, WITH THE EXCEPTION OF THOSE THAT PROVIDE THROUGH ACCESS TO TRAFFIC.

Sta 6+81.17, 17' R/C
Const. 5' Down Type 'B'
Manhole over Exst. 16" R.C.P.
Top of Manhole 116.74
Flo In 109.00

Install 91 L.F. 18" R.C.P.
(18" x 18" C.H.P.)
U.S.F.L. 110.00
D.S.F.L. 109.00

Sta 6+81.17, 17' R/C
Const. 5' Down Type 'B'
Manhole over Exst. 16" R.C.P.
Top of Manhole 116.74
Flo In 109.00
Const. 15' R.C.P. Stub South
Flo In 110.40

Install 94 L.F. 18" R.C.P.
(18" x 18" C.H.P.)
U.S.F.L. 109.70
D.S.F.L. 109.00

Flo In 109.00

Remove Inlet Lead Pipe
Plug Pipe Opening in Manhole

Sta 11+46, 99' R/C
Const. 5' Down Type 'B'
Manhole over Exst. 16" R.C.P.
Top of Manhole 116.00
Flo In 109.70
Const. 18' R.C.P. Stub South
Flo In 109.77

B.M. 130.16 City Sid. North Hubguard at
Bridge over Big Ditch at East End.

SCALE
Plan 1"=20'
Profile 1"=20'
Vert. 1"=5'

120

115

110

105

Sta 6+81.17, 17' R/C
Const. 5' Down Type 'B'
Manhole over Exst. 16" R.C.P.
Top of Manhole 116.74
Flo In 109.00

Sta 6+81.17, 17' R/C
Const. 5' Down Type 'B'
Manhole over Exst. 16" R.C.P.
Top of Manhole 116.74
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Install 91 L.F. 18" R.C.P.
(18" x 18" C.H.P.)
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Flo In 109.00

Flo In 110.40

Sta 11+46, 99' R/C
Const. 5' Down Type 'B'
Manhole over Exst. 16" R.C.P.
Top of Manhole 116.00
Flo In 109.70
Const. 18' R.C.P. Stub South
Flo In 109.77

Remove Lead
Plug Manhole Opening

Install 94 L.F. 18" R.C.P.
(18" x 18" C.H.P.)
U.S.F.L. 109.70
D.S.F.L. 109.00

Flo In 109.00

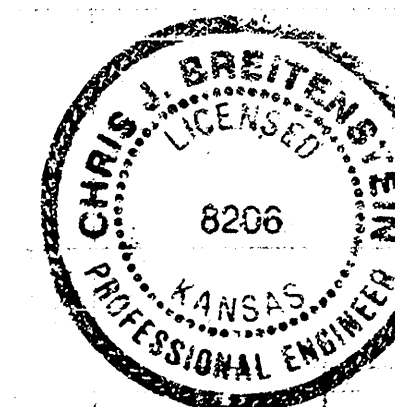
Flo In 109.77

120

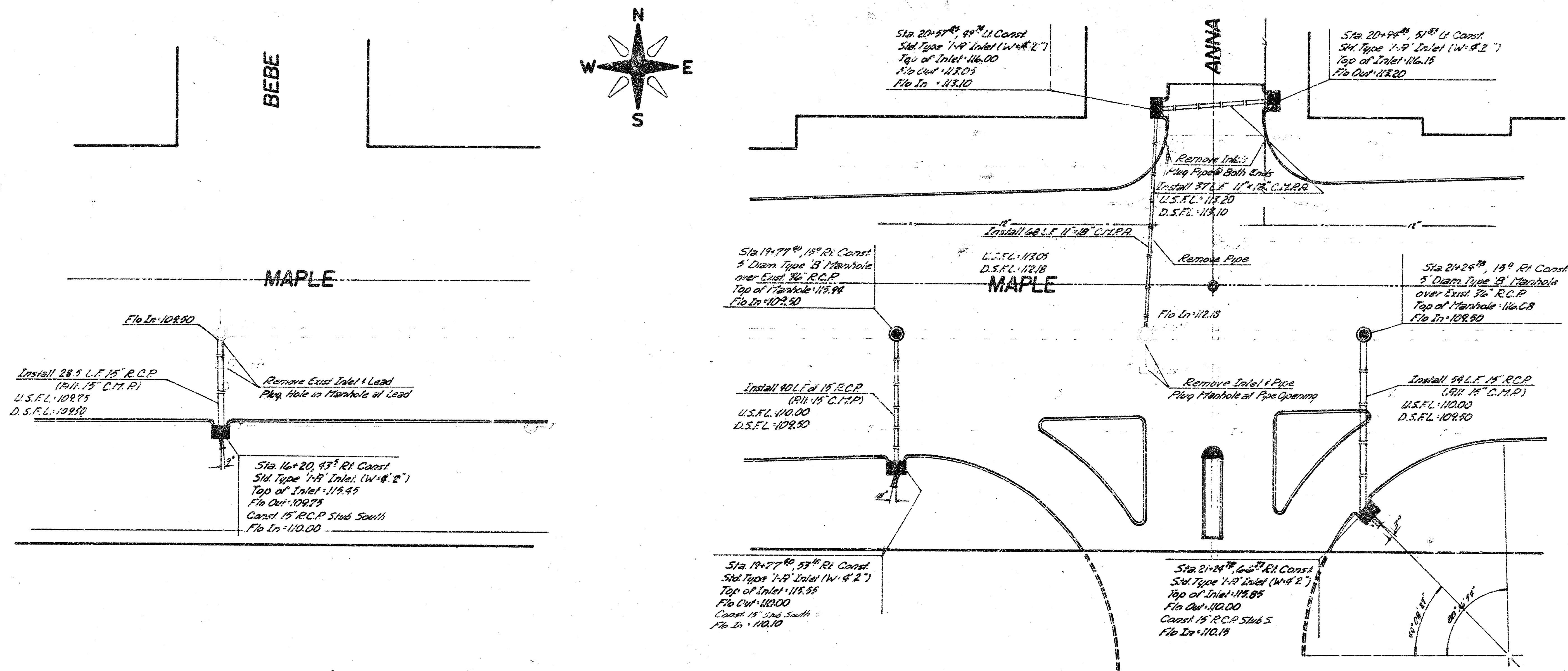
115

110

105

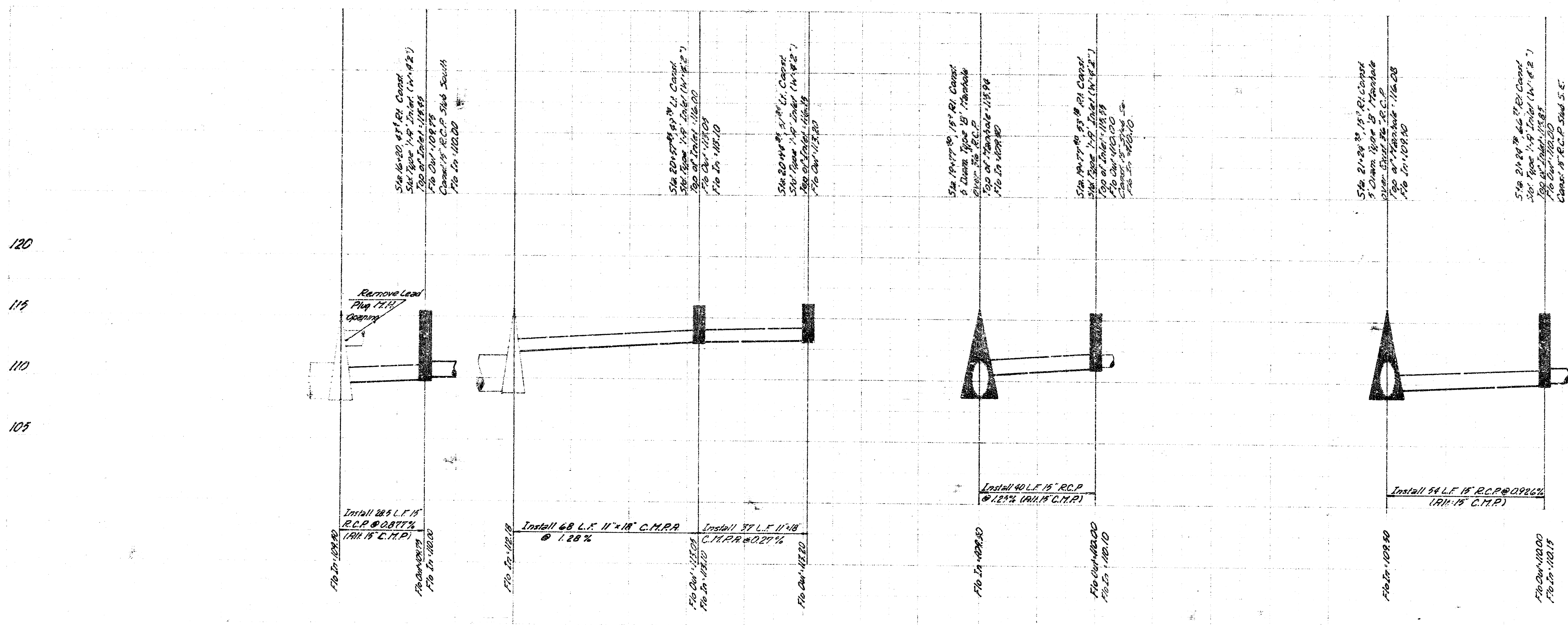


DRAINAGE in CONNECTION with
PAVING MAPLE STREET
E.L.T. 235 E.L.H. COMAS
CITY OF WICHITA, KANSAS
R.W. LINN-CITY ENGINEER
472-76-245-80643-000-000-000
DATE _____

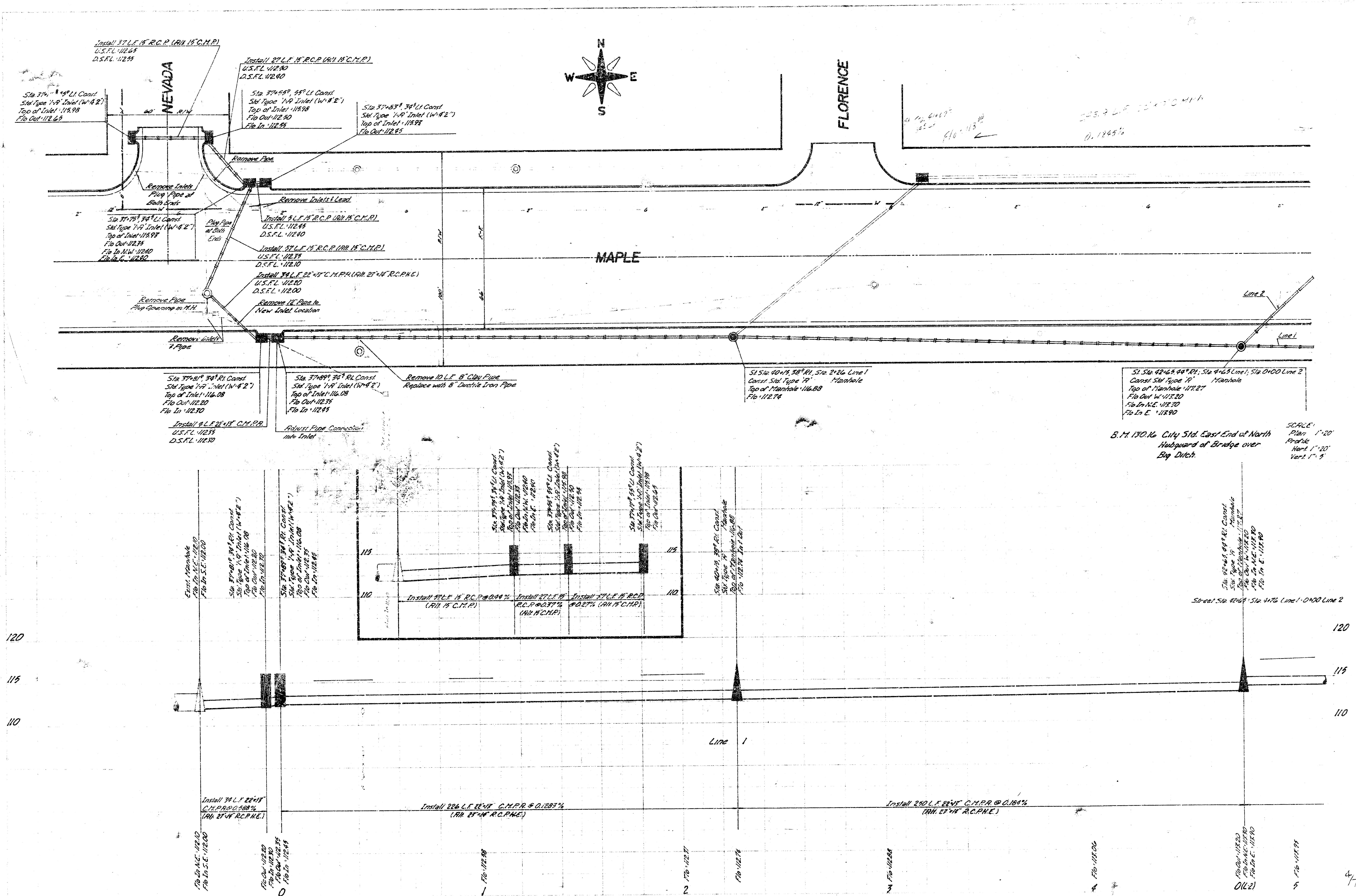


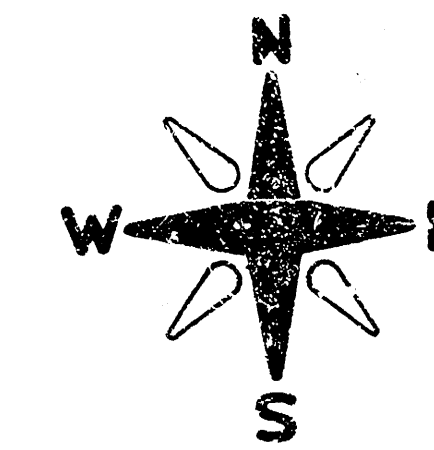
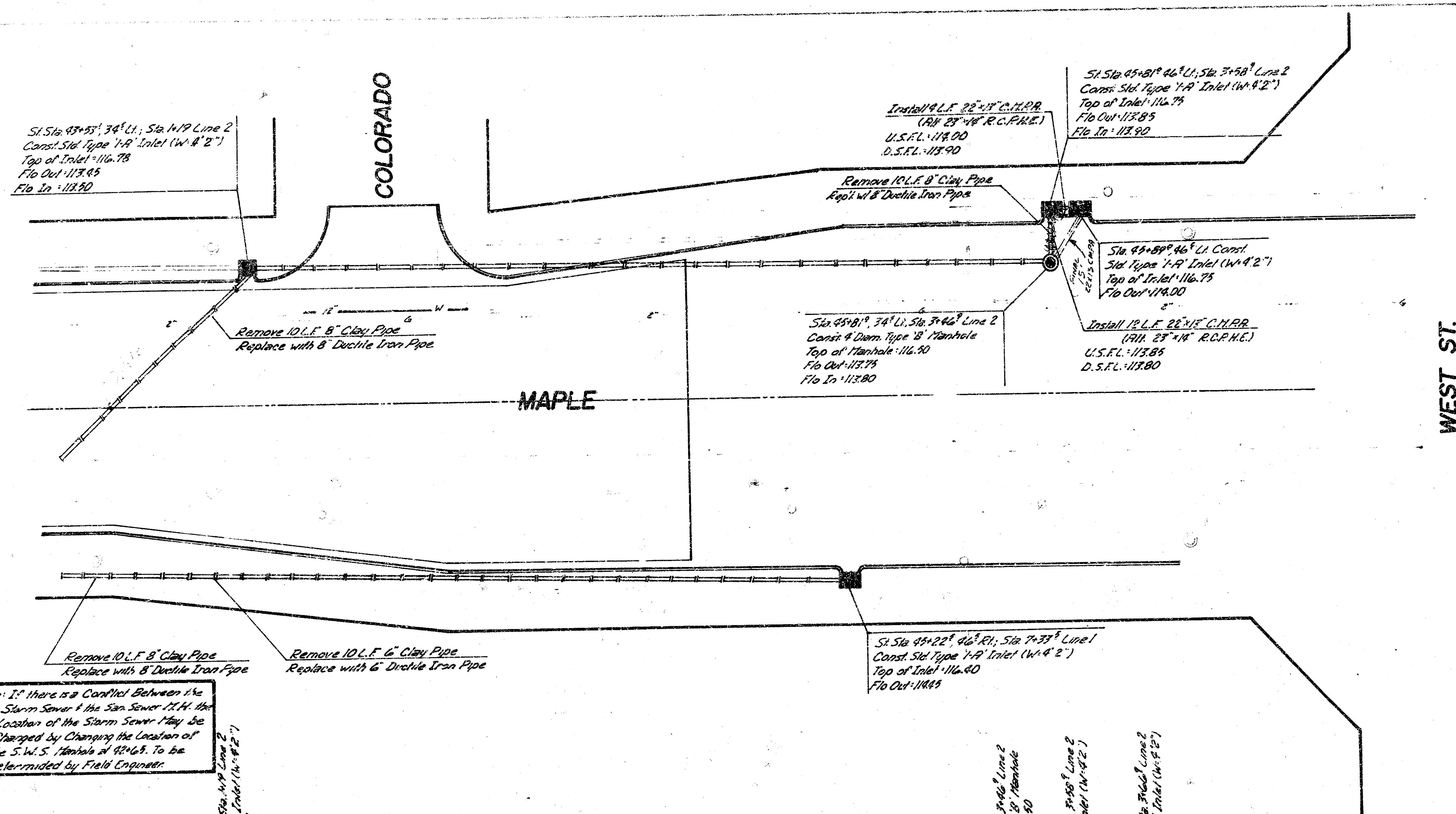
B.M. 130.16 City Sid East End of North Highway of Bridge over Big Creek.

SCALE
 Plan 1"=20'
 Profile 1"=20'
 Vert 1"=5'



Drainage in Connection with Paving Maple
 E.L. 1.235 - E.L. 1.175 Corners
 472-76-245-80643-000-000-002 77

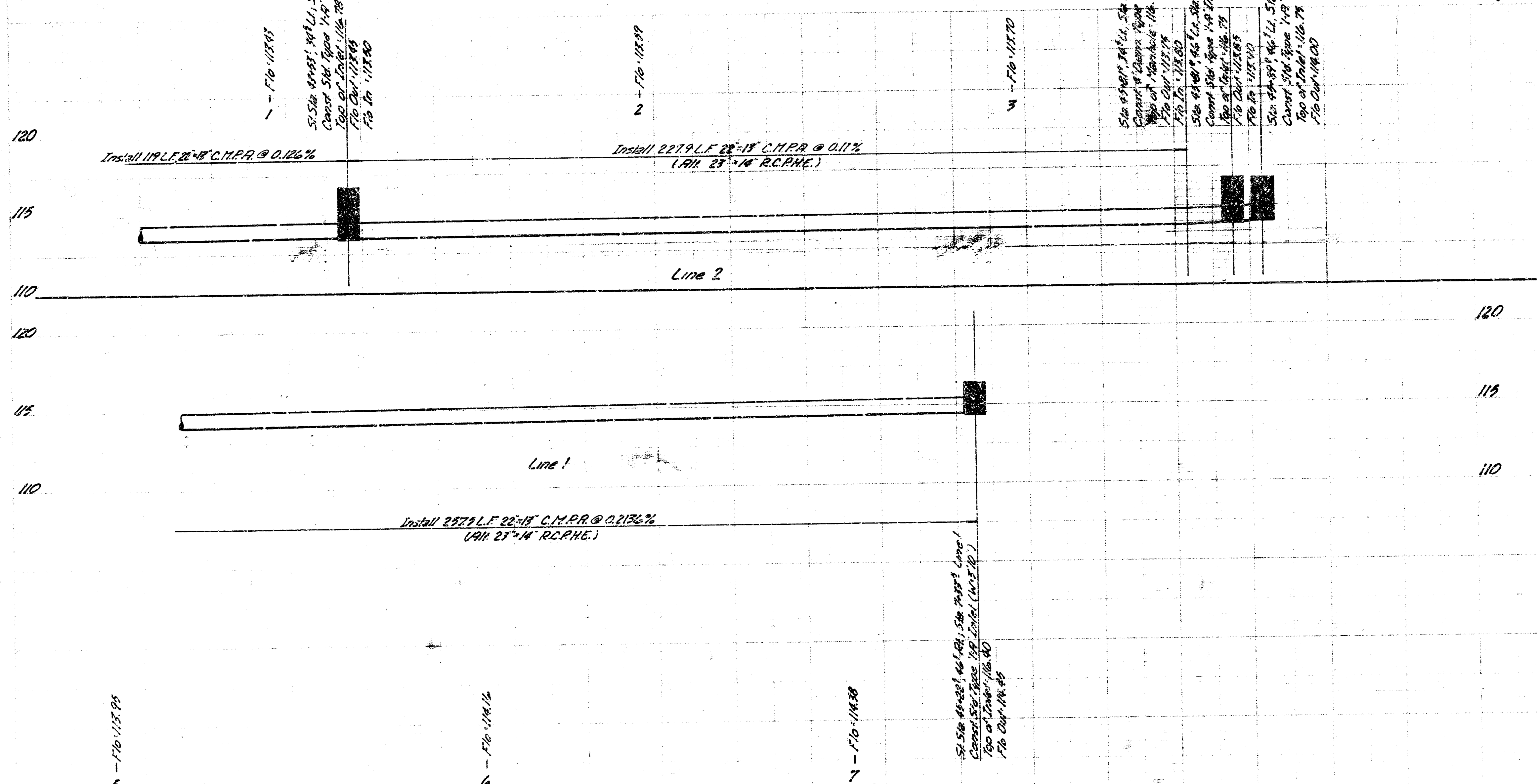




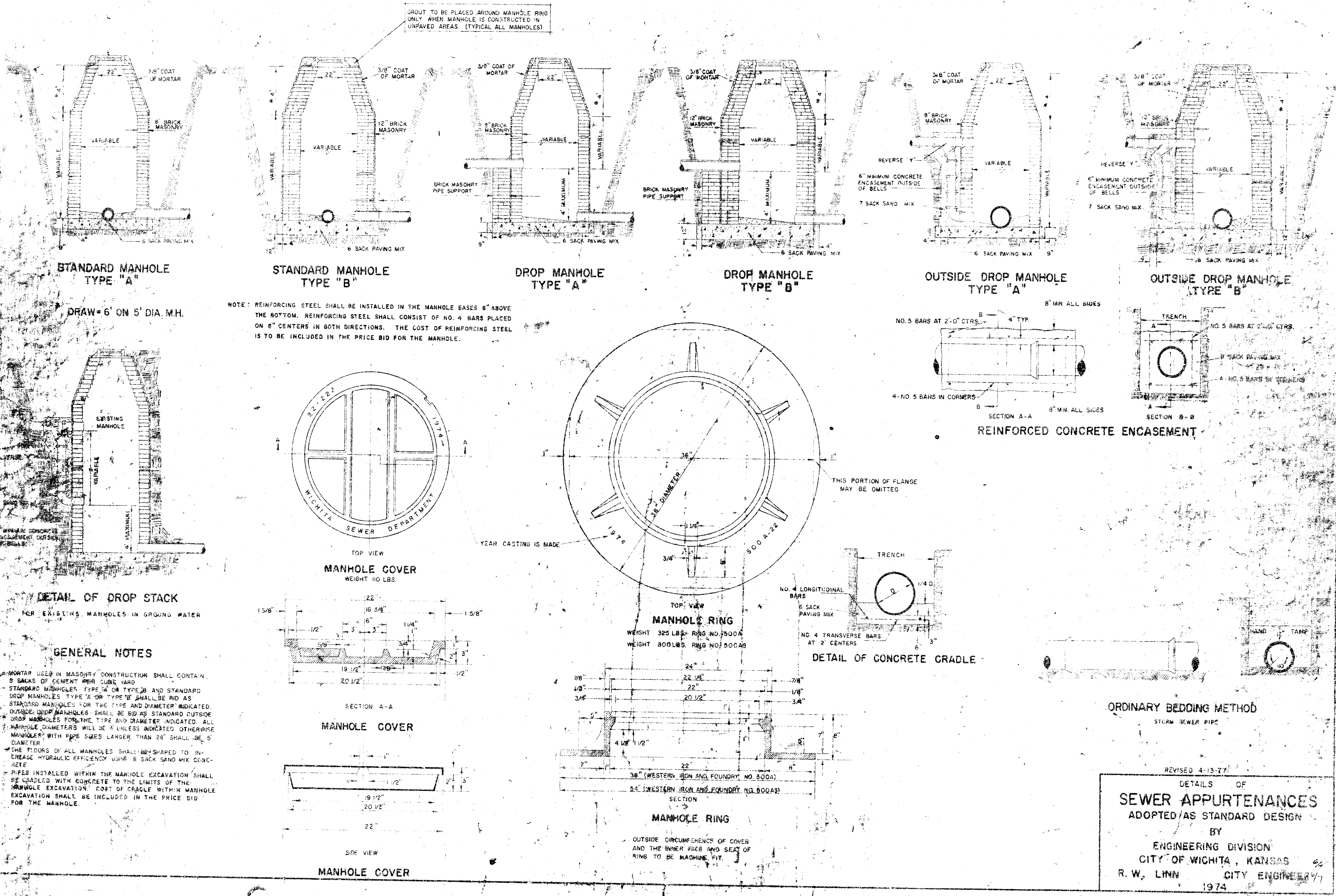
Note: If there is a Conflict Between the Storm Sewer & the San Sewer (M.H. the Location of the Storm Sewer May be Changed by Changing the Location of the S.W.S. Manhole at 1114.5. To be Determined by Field Engineer.

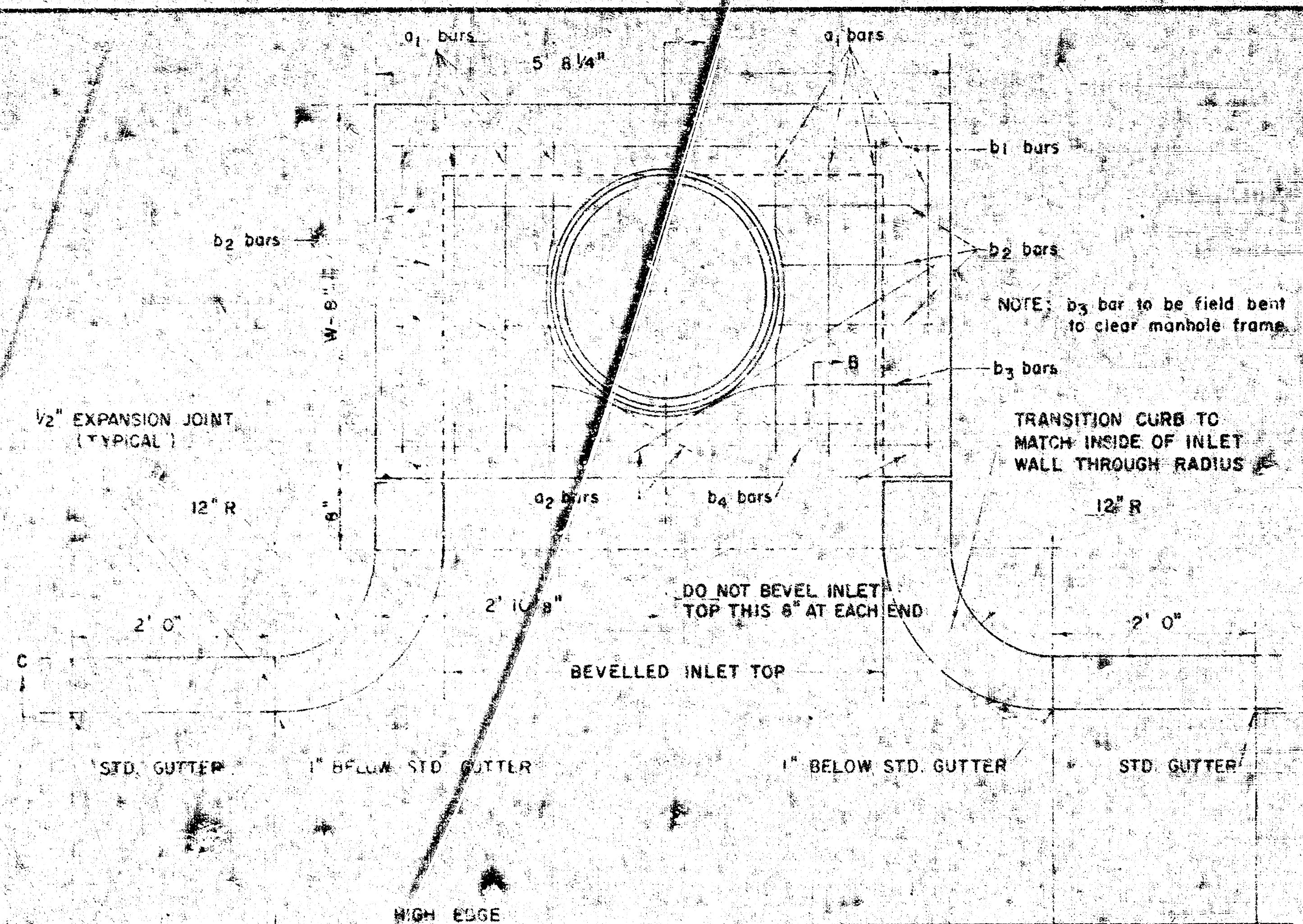
SCALE
Plan 1"=20'
Profile 1"=5'
Vert. 1"=5'
Hori. 1"=20'

B.M. 170.16 City Sid. East End of North Hubguard of Bridge over Big Ditch.



Drainage in Connection with Paving Maple
E.L. 1-235-EL. 174 Cornas
472-76-243-80613-000-000-002





PLAN (SCALE 1" = 1' 0")

STEEL SCHEDULE

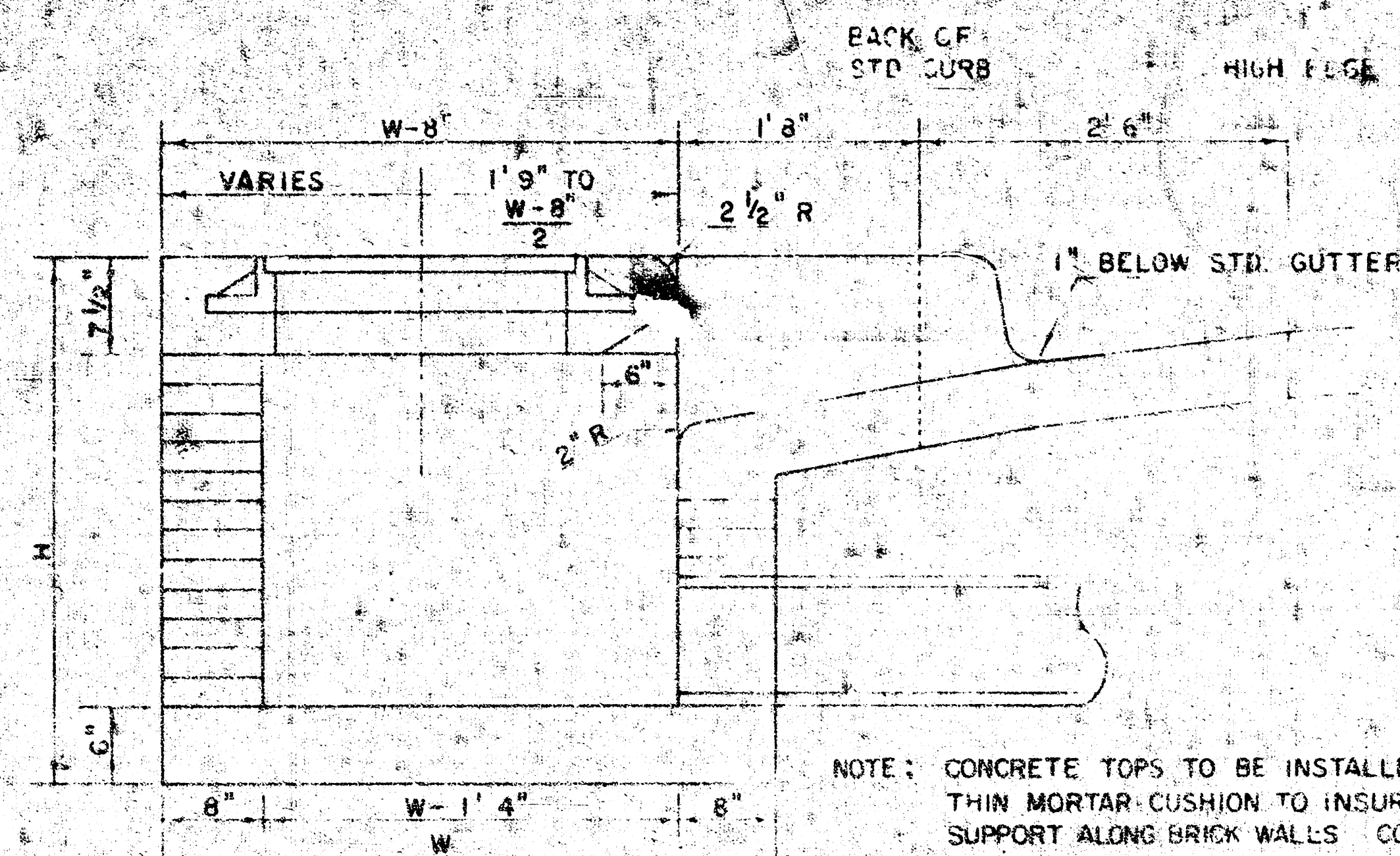
BAR NUMBER	U ₁	U ₂	W=42"	W=50"	W=60"	W=70"	W=80"	D ₁	D ₂	D ₃	D ₄	WT. LBS.
1	8	2	1	3	5	7	9	6	1	1		
2			4	4	4	4	4	4	4	4	6	
3	W=42"	6' 5"	3' 4"	5' 5"				1' 5"	5' 6"	5' 5"	60"	
4	W=50"	8' 1"	4' 4"	5' 5"				1' 5"	5' 6"	5' 5"	77"	
5	W=60"	10' 1"	6' 4"	5' 5"				1' 5"	5' 6"	5' 5"	97"	
6	W=70"	11' 1"	6' 4"	5' 5"				1' 5"	5' 6"	5' 5"	111"	
7	W=80"	12' 1"	7' 4"	5' 5"				1' 5"	5' 6"	5' 5"	124"	

NOTE: U₂ BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

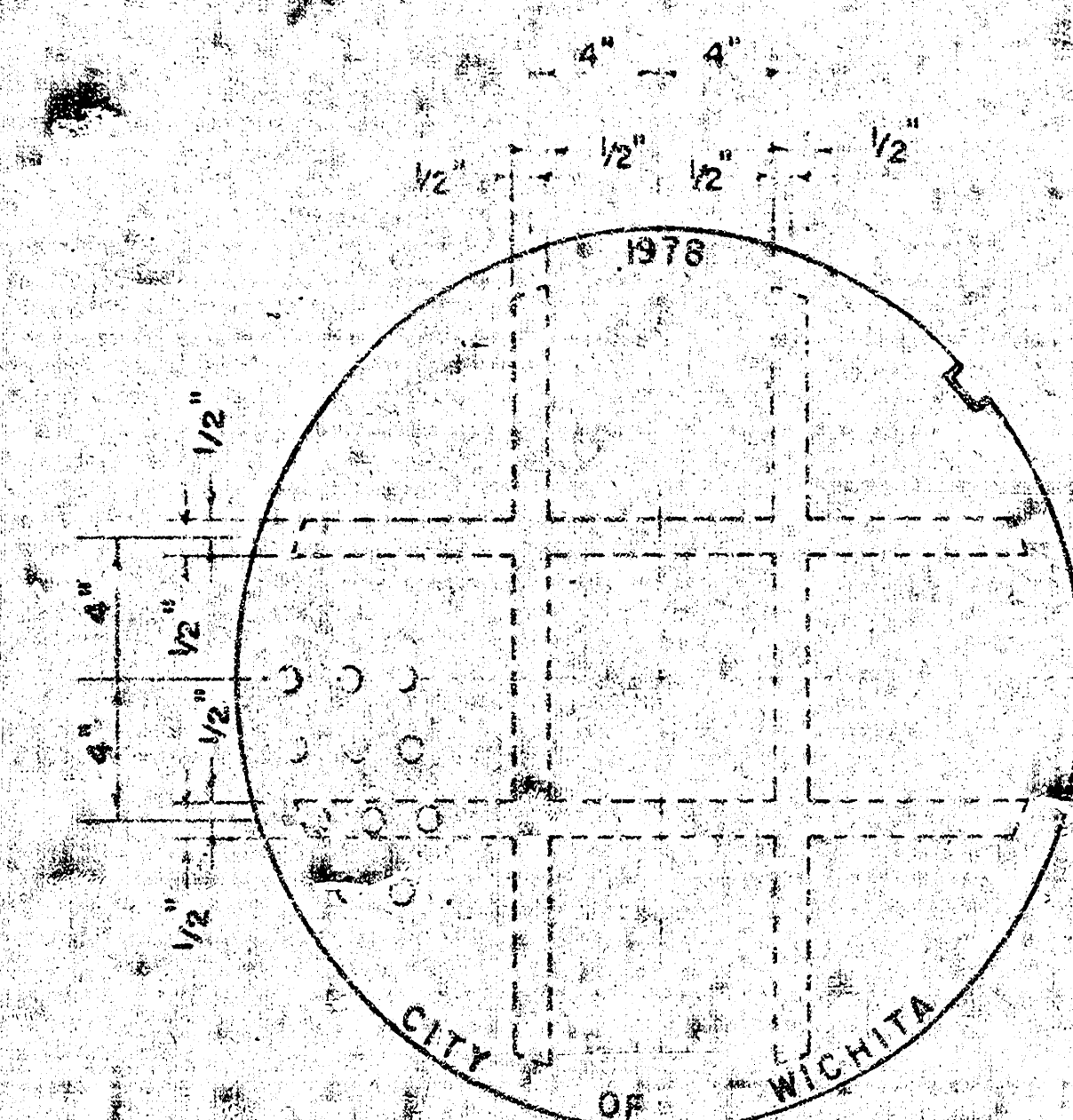
BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS		
W	PRECAST TOP SIZE	PIPE SIZE
4' 2"	36" x 5' 8 1/4" x 7 1/2"	21" & SMALLER
5' 0"	44" x 5' 8 1/4" x 7 1/2"	24" & 30"
6' 0"	54" x 5' 8 1/4" x 7 1/2"	36" & 42"
7' 0"	64" x 5' 8 1/4" x 7 1/2"	48" & 54"
8' 0"	74" x 5' 8 1/4" x 7 1/2"	60" & 66"

* GROSS VOLUME

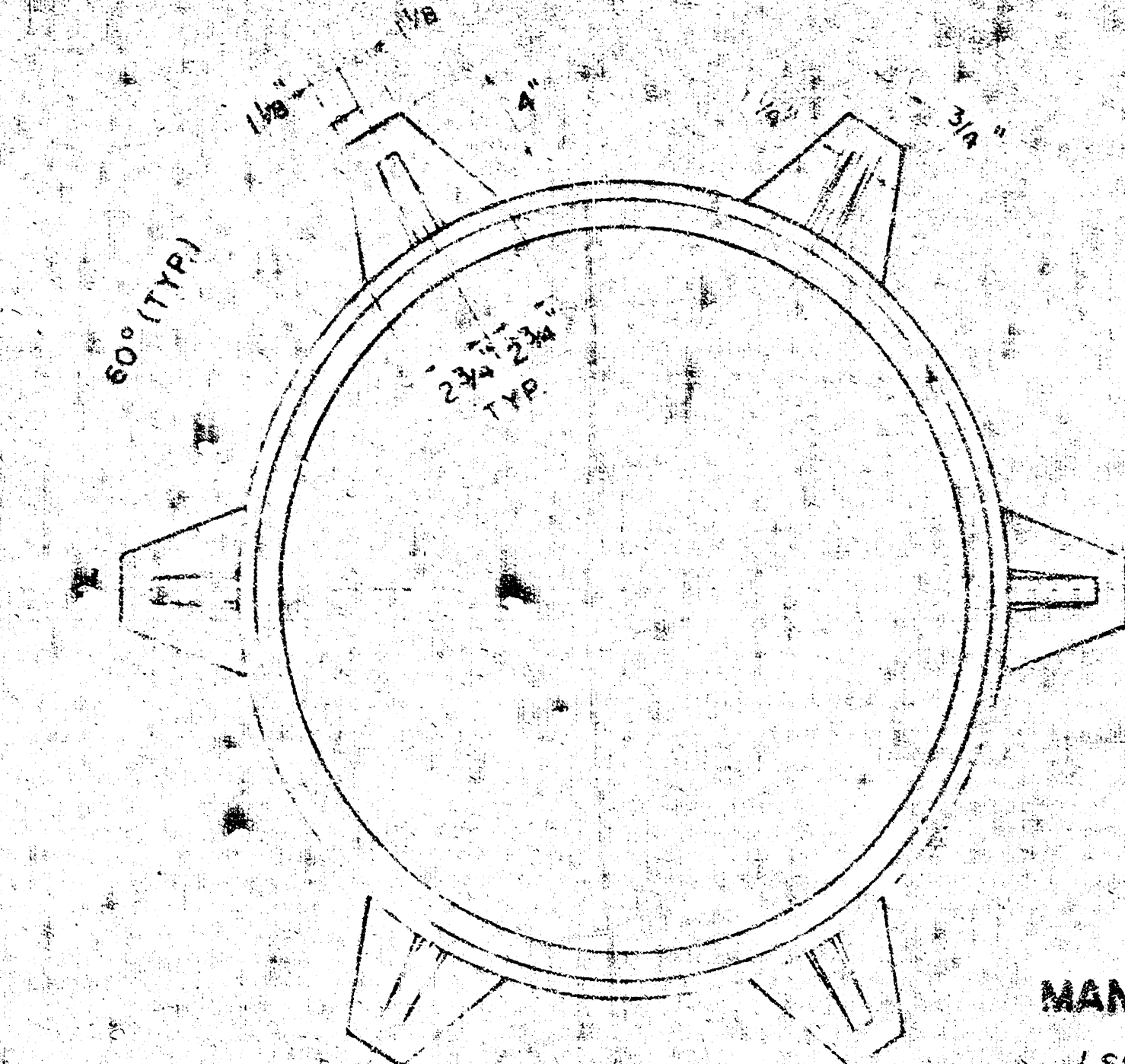


SECTION A-A (SCALE 1" = 1' 0")



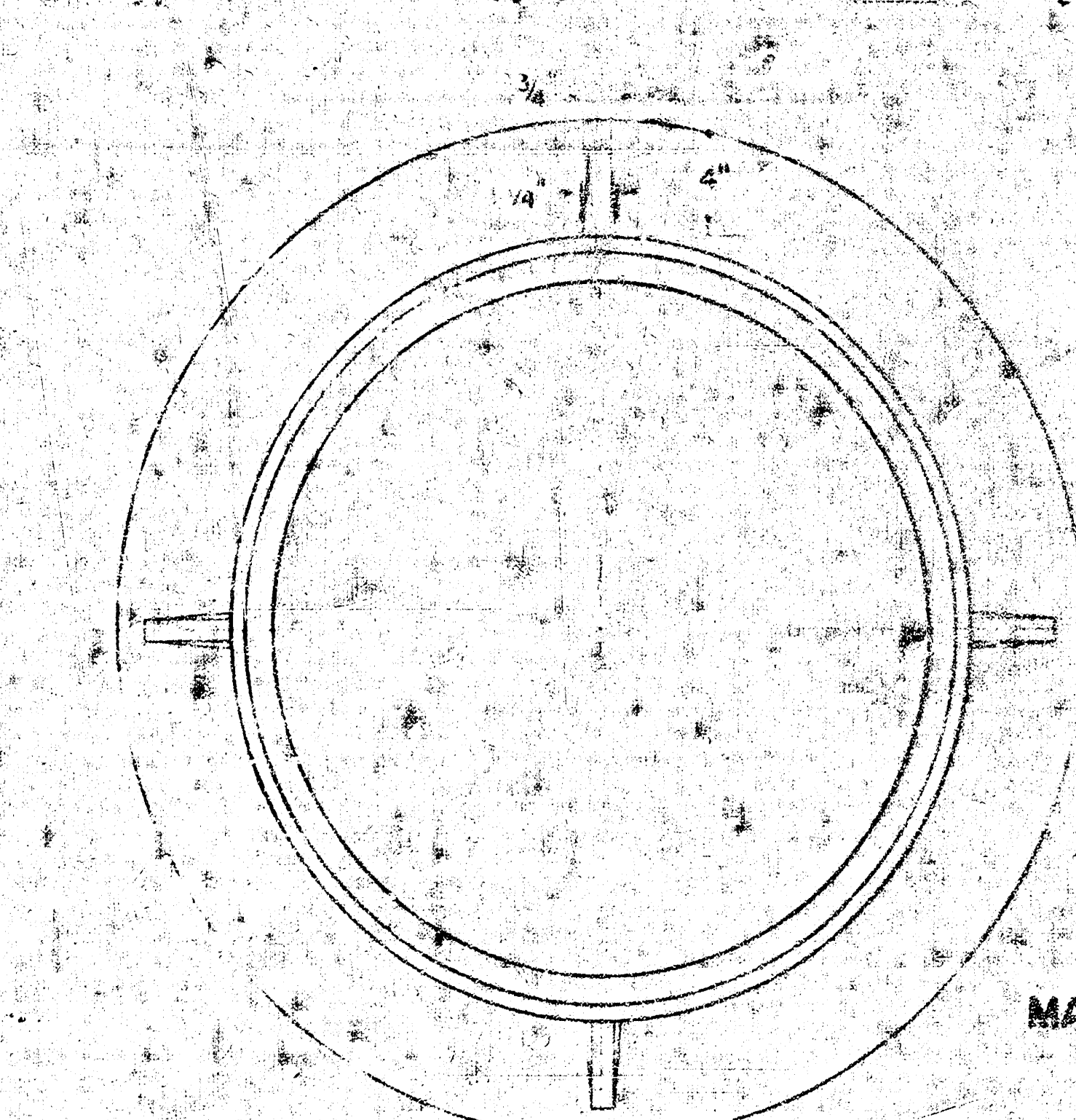
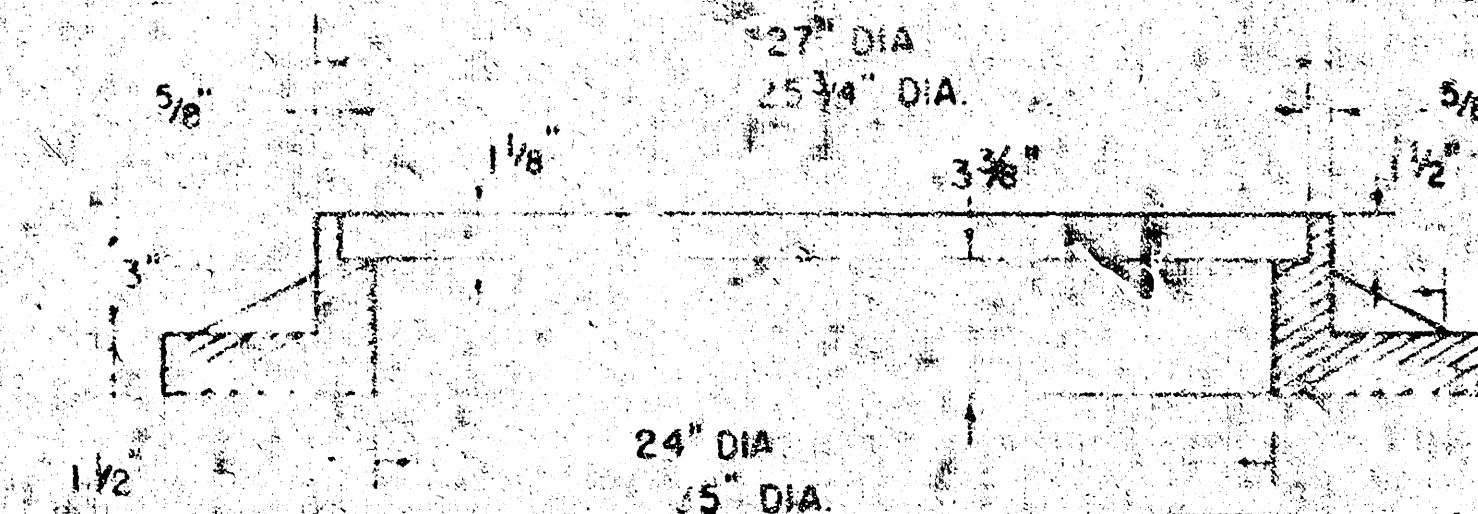
MANHOLE COVER

(SCALE 1" = 6")
WEIGHT = 170 LBS.



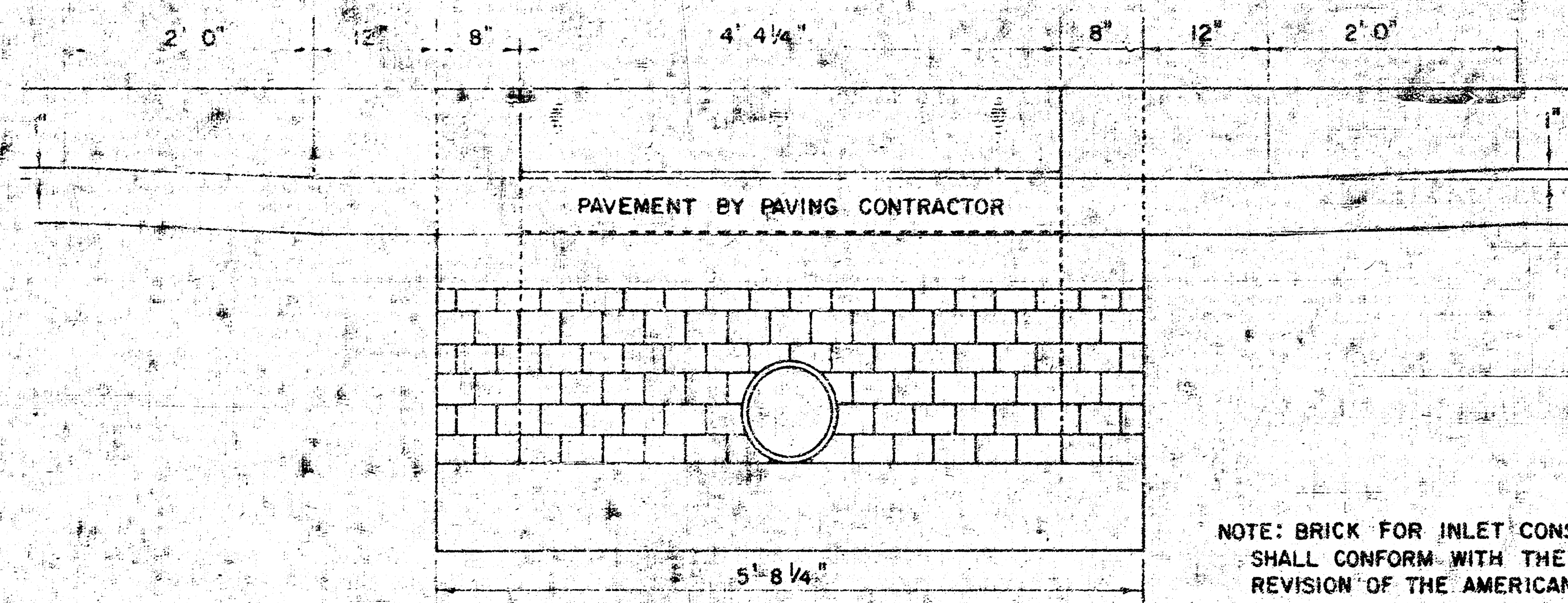
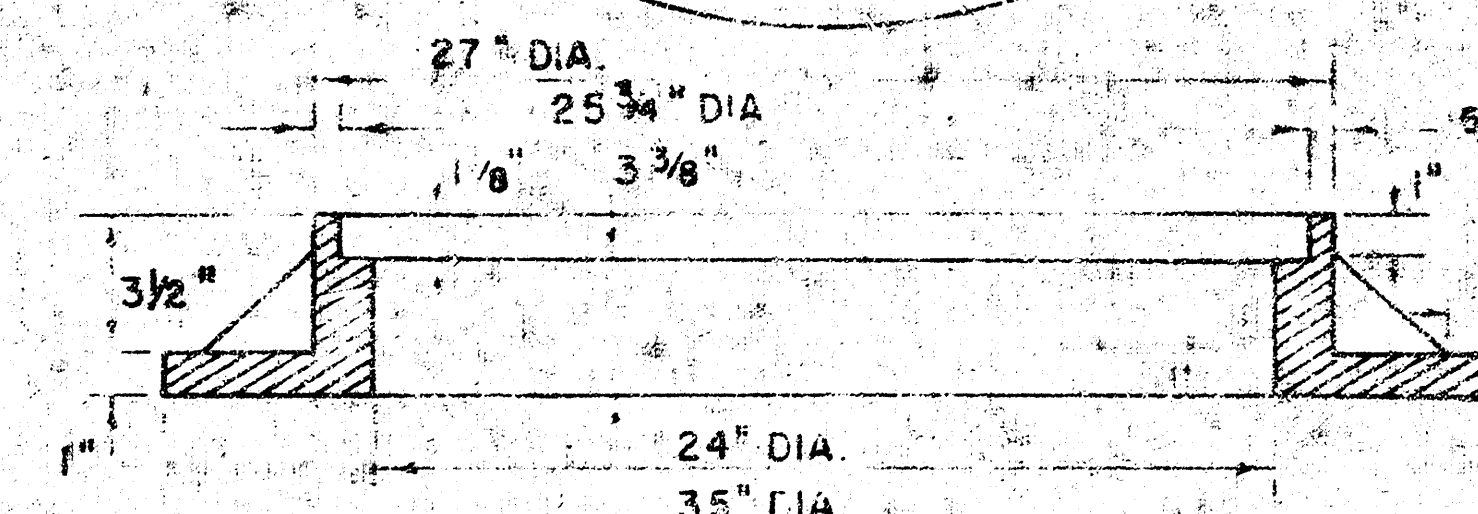
MANHOLE FRAME

(SCALE 1" = 6")
WEIGHT = 180 LBS.



MANHOLE FRAME (ALTERNATE)

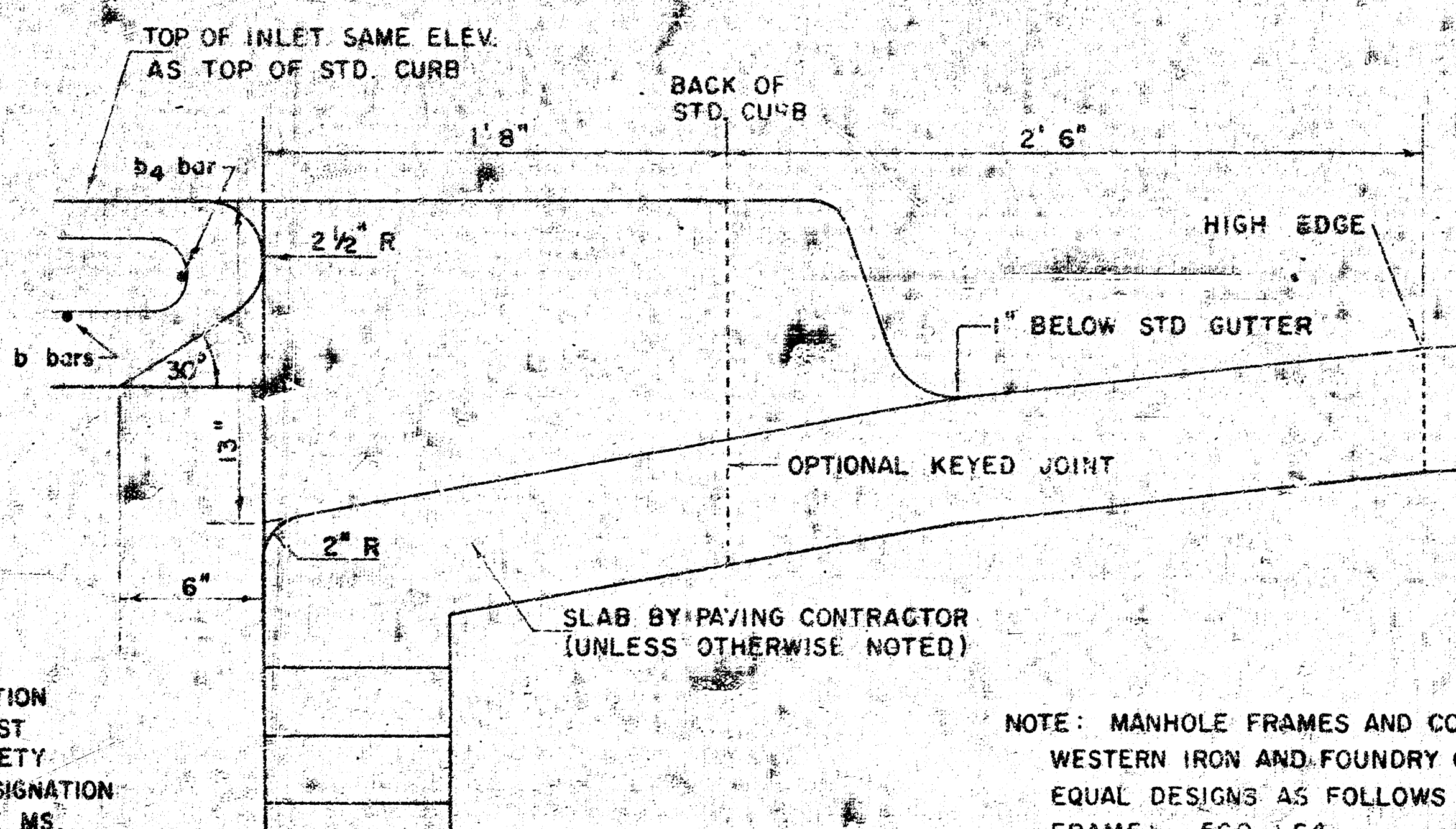
(SCALE 1" = 6")
WEIGHT = 180 LBS.



SECTION C-C

(SCALE 1" = 1' 0")

NOTE: BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C-32 FOR MANHOLE BRICK GRADE MS.



SECTION B-B

(SCALE 1" = 6")

NOTE: MANHOLE FRAMES AND COVER ARE WESTERN IRON AND FOUNDRY CO. INC. OR EQUAL DESIGNS AS FOLLOWS:
FRAME: 500-L64
FRAME (ALTERNATE): 500-A4
COVER: 222-S4 "NOBBY"

DETAIL STANDARD TYPE 1A CURB INLET

CITY OF WICHITA, KANSAS

R. W. LINN - CITY ENGINEER

OCTOBER 1978