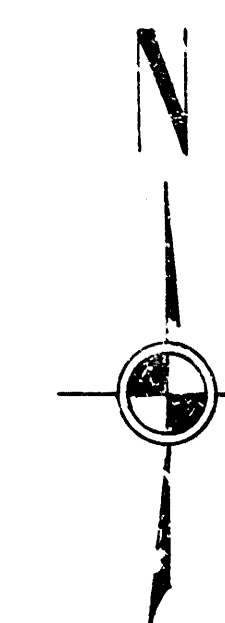
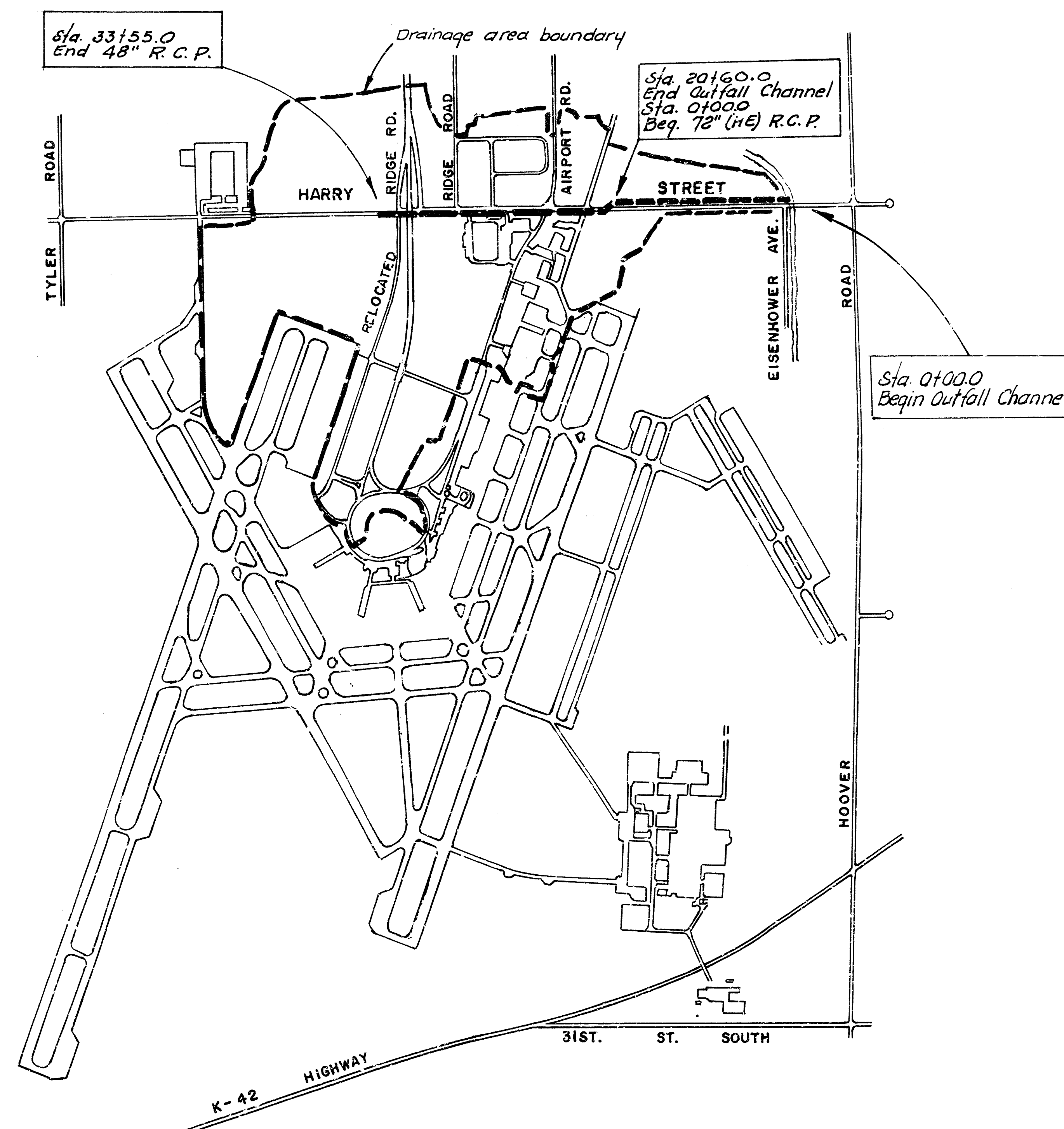


PLAN AND PROFILE FOR
STORM WATER DRAIN NO. 25
 CITY OF WICHITA, KANSAS

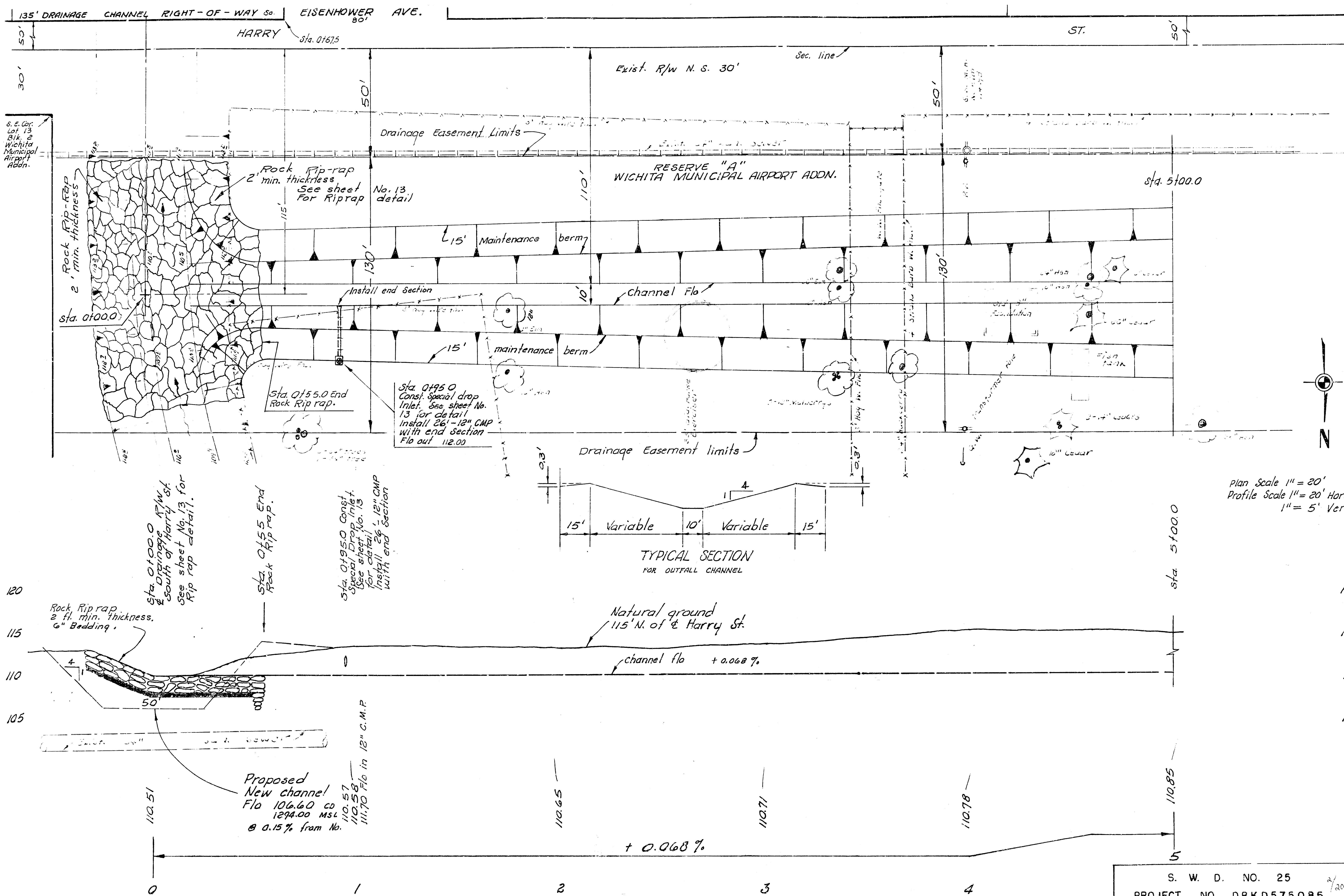
R. W. LINN — CITY ENGINEER
 FEB. 1976, PROJECT NO. DBKD575085

INDEX

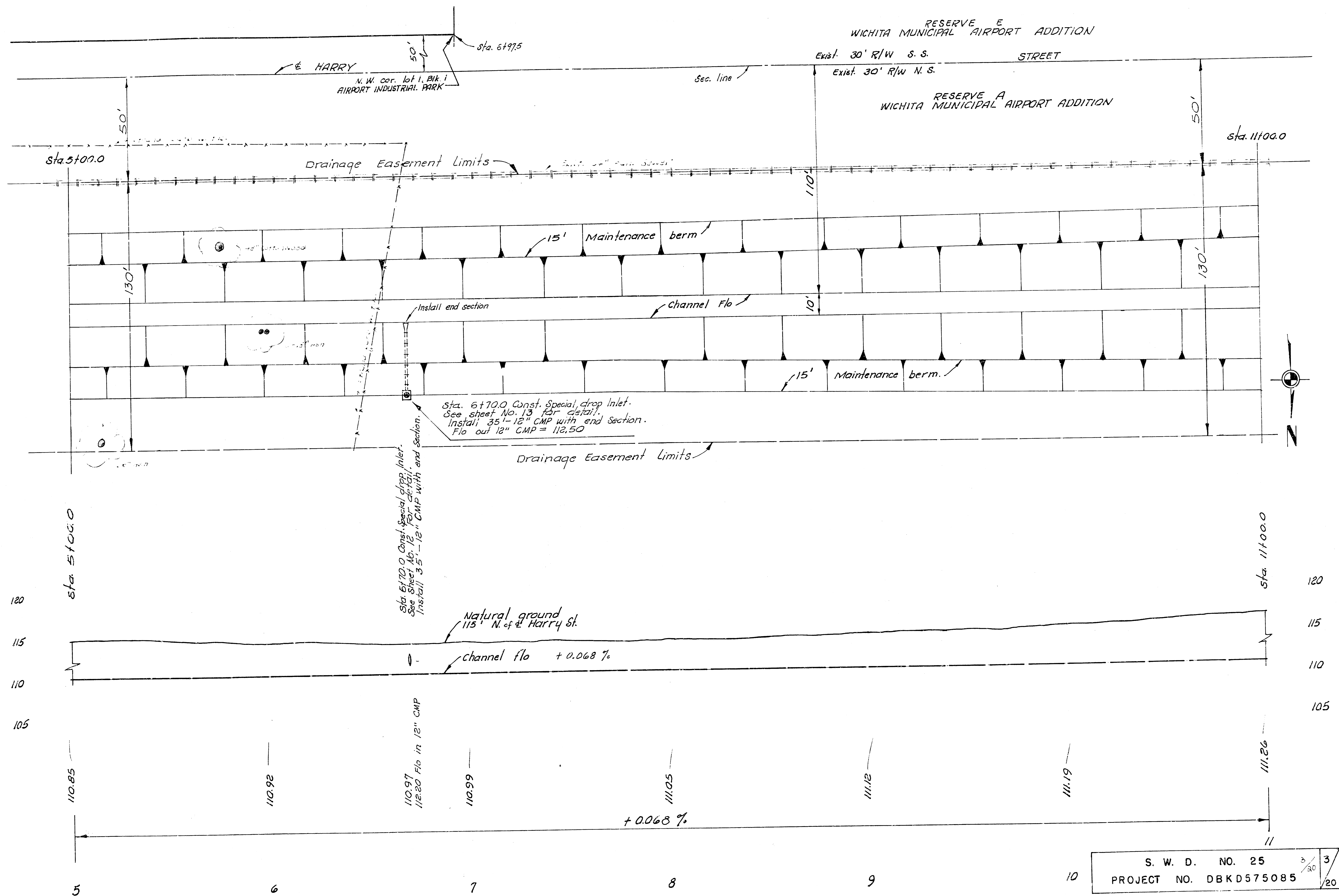
SHEET NO.	
1	TITLE, LOCATION MAP & DRAINAGE AREA BOUNDARY
2-6	OUTFALL CHANNEL PLAN & PROFILE
6-12	STORM WATER SEWER PLAN & PROFILE
13	OUTFALL STRUCTURE DETAIL
13	SPECIAL DROP INLET DETAIL
13	ROCK RIPRAP DETAIL
14-16	REINF. CONC. MANHOLE DETAIL
17	STD. CURB INLET DETAIL
18-19	OUTFALL CHANNEL X-SECTIONS
20	SAN. SEWER SIPHONS

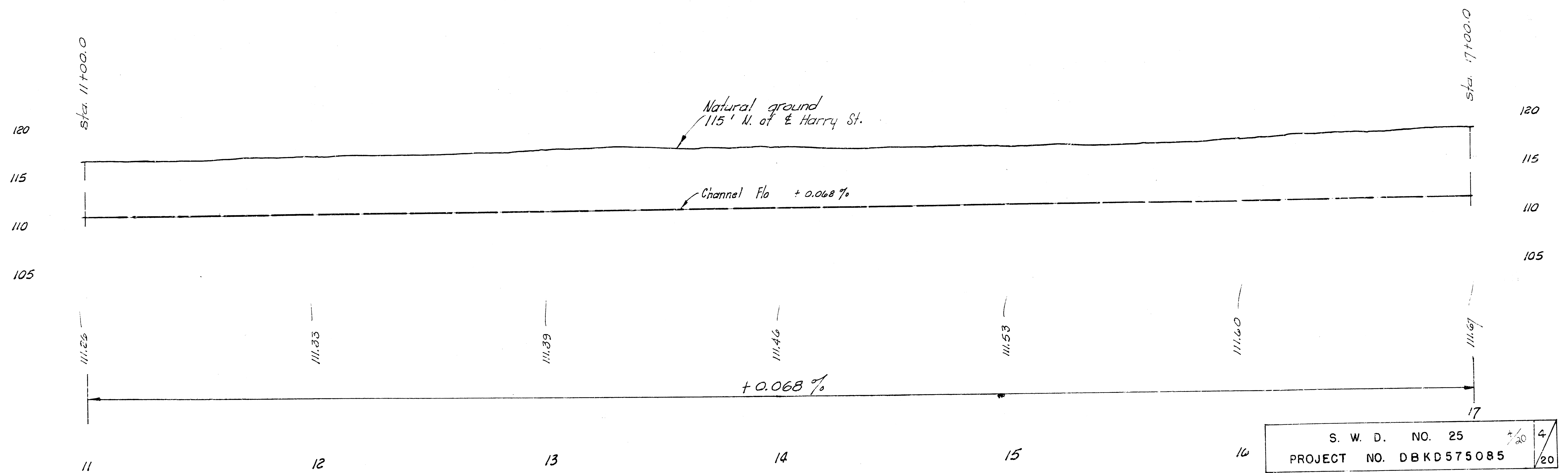
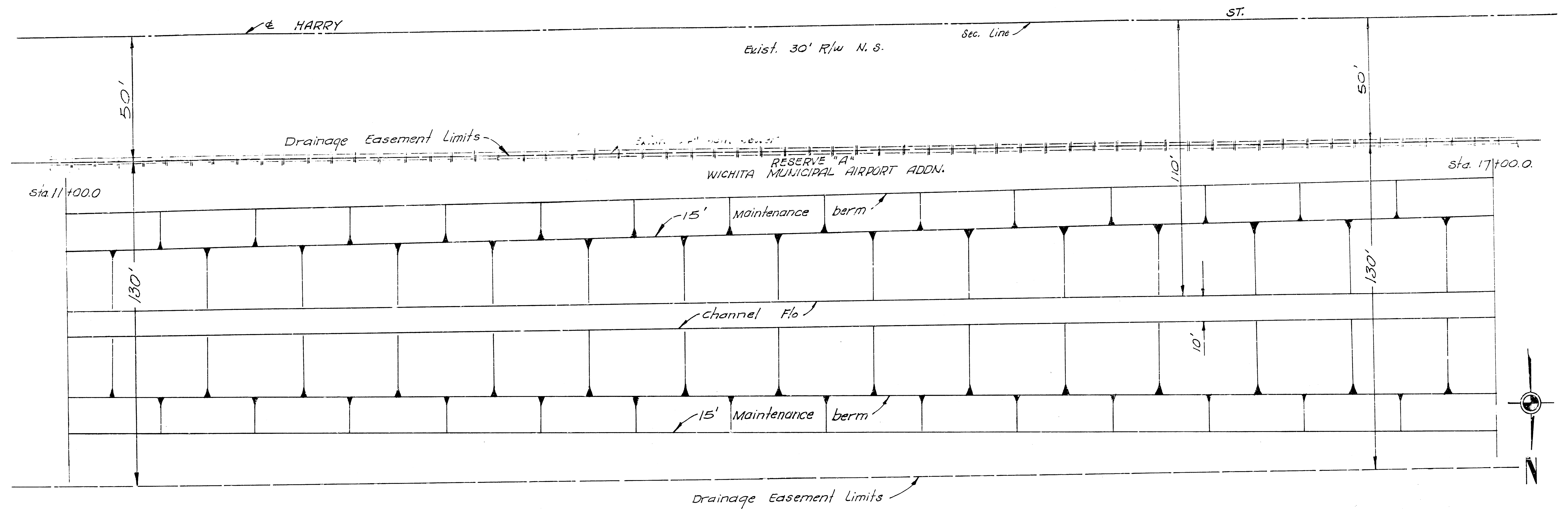


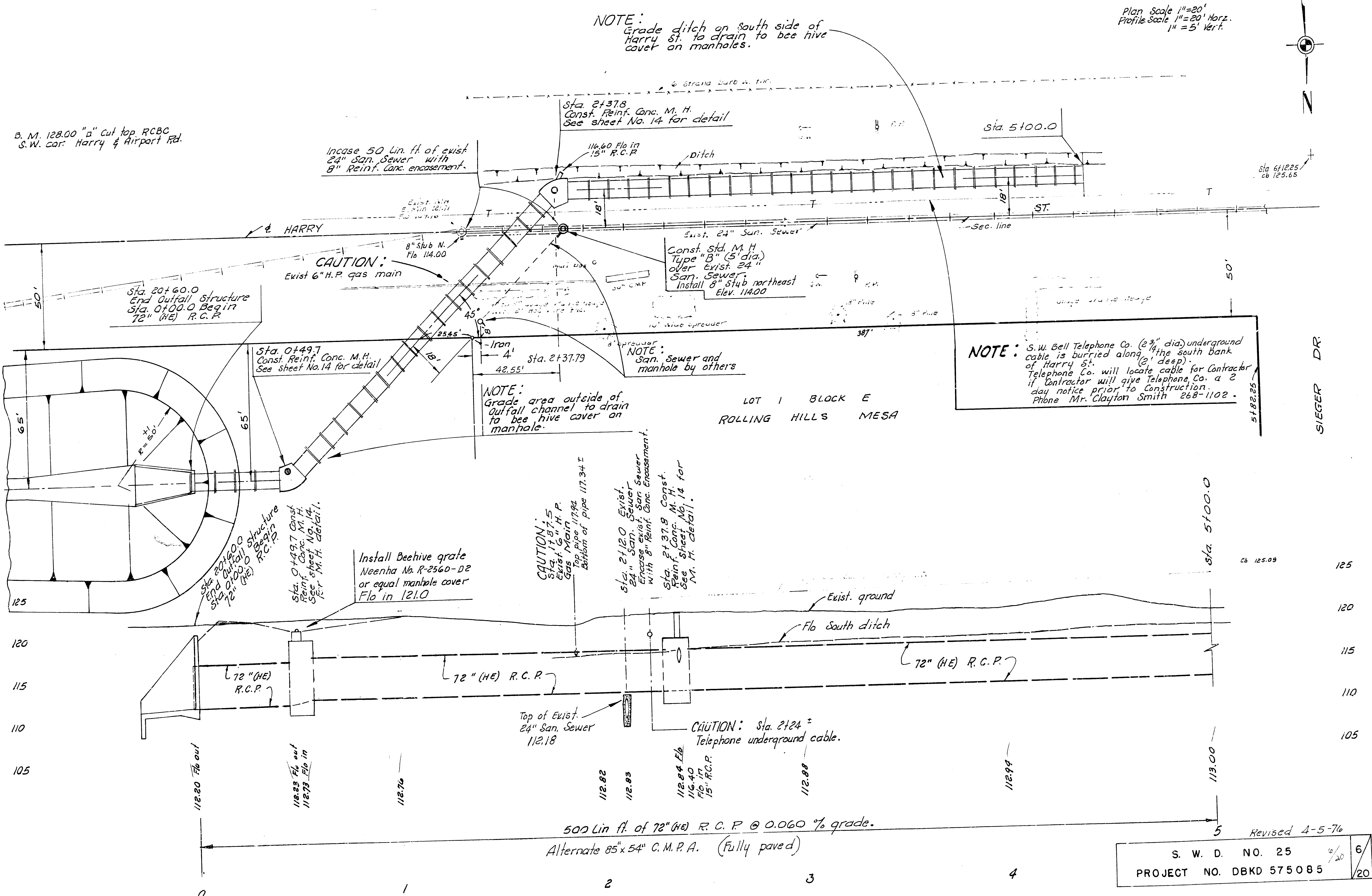
SCALE 1" = 1100'



Plan Scale 1" = 20'
 Profile Scale 1" = 20' Horiz.
 1" = 5' Vert.







NOTE:
Grade ditch on south side of
Harry St. to drain to bee hive
cover on manholes.

Plan Scale 1"=20'
Profile Scale 1"=20' Horiz.
1"=5' Vert.

B. M. 128.00 "B" Cut top RCBC
S.W. cor. Harry & Airport Rd.

Incase 50 Lin. ft. of exist
24" San. Sewer with
8" Reinf. Conc. encasement.

Sta. 2+37.8
Const. Reinf. Conc. M. H.
See sheet No. 14 for detail

Sta. 5+00.0

Sta. 6+12.25
cb 125.65

CAUTION:
Exist 6" H.P. gas main

Sta. 20+60.0
End Outfall structure
Sta. 0+00.0 Begin
72" (HE) R.C.P.

Sta. 0+49.7
Const. Reinf. Conc. M.H.
See sheet No. 14 for detail

Const. Std. M.H.
Type "B" (5' dia.)
over exist 24"
San. Sewer.
Install 8" stub northeast
Elev. 114.00

NOTE:
San. Sewer and
manhole by others

NOTE:
Grade area outside of
outfall channel to drain
to bee hive cover on
manhole.

LOT 1 BLOCK E
ROLLING HILLS MESA

NOTE: S.W. Bell Telephone Co. (2 3/4" dia) underground
cable is buried along the south bank
of Harry St. (2' deep).
Telephone Co. will locate cable for Contractor
if Contractor will give Telephone Co. a 2
day notice prior to construction.
Phone Mr. Clayton Smith 268-1102.

Install Beehive grate
Neenah No. R-2560-D2
or equal manhole cover
Flo in 121.0

CAUTION:
Sta. 1+19.75
Exist. 12" H.P.
Gas Main
Bottom of pipe 117.34 ±

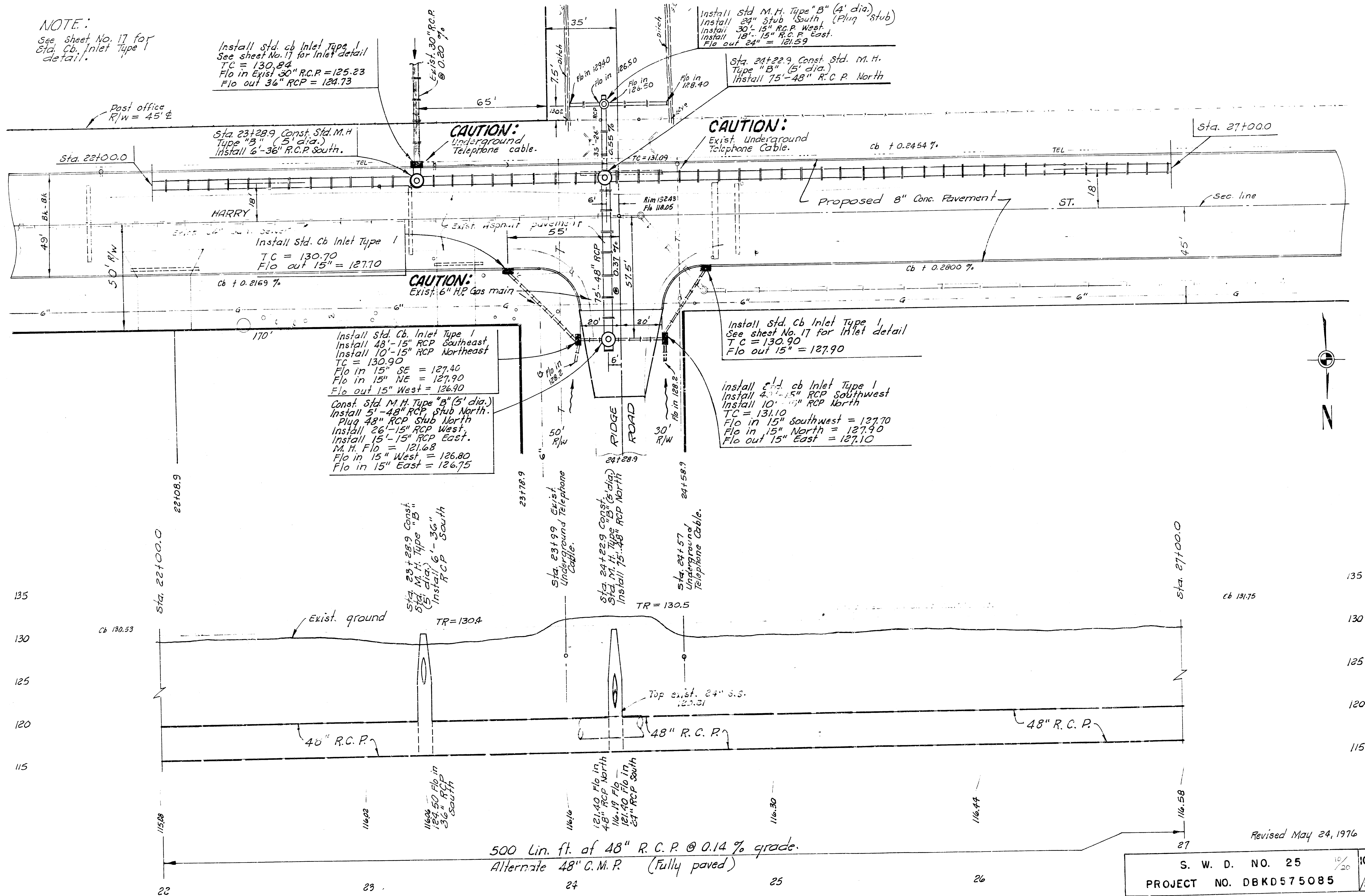
Sta. 2+12.0 Exist.
24" San. Sewer
Encase exist. San. Sewer
with 8" Reinf. Conc. Encasement.

Sta. 2+37.9 Const.
Reinf. Conc. M. H.
See sheet No. 14 for
M. H. detail.

CAUTION: Sta. 2+24 ±
Telephone underground cable.

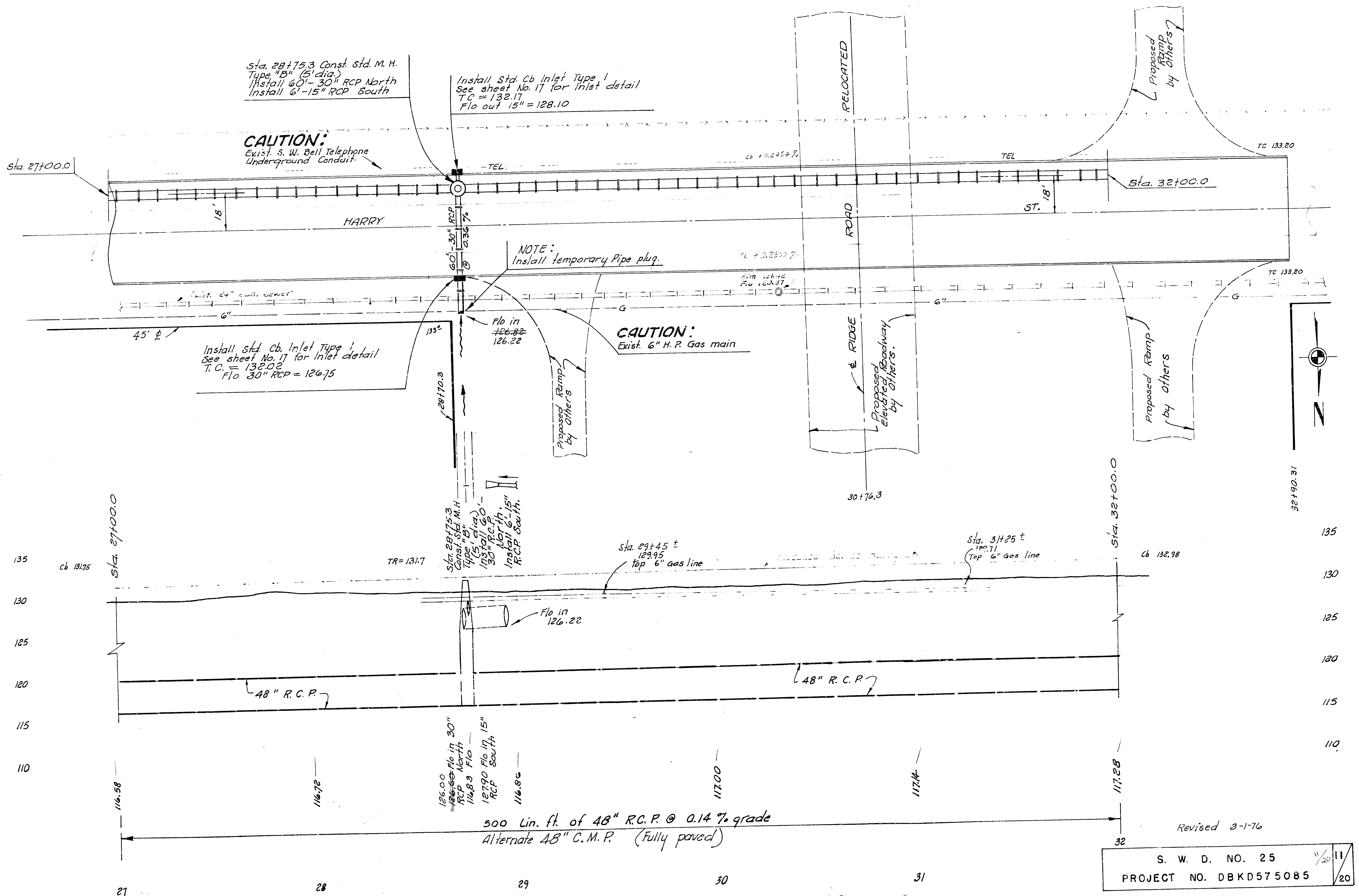
500 Lin. ft. of 72" (HE) R.C.P. @ 0.060 % grade.
Alternate 85"x54" C.M.P.A. (Fully paved)

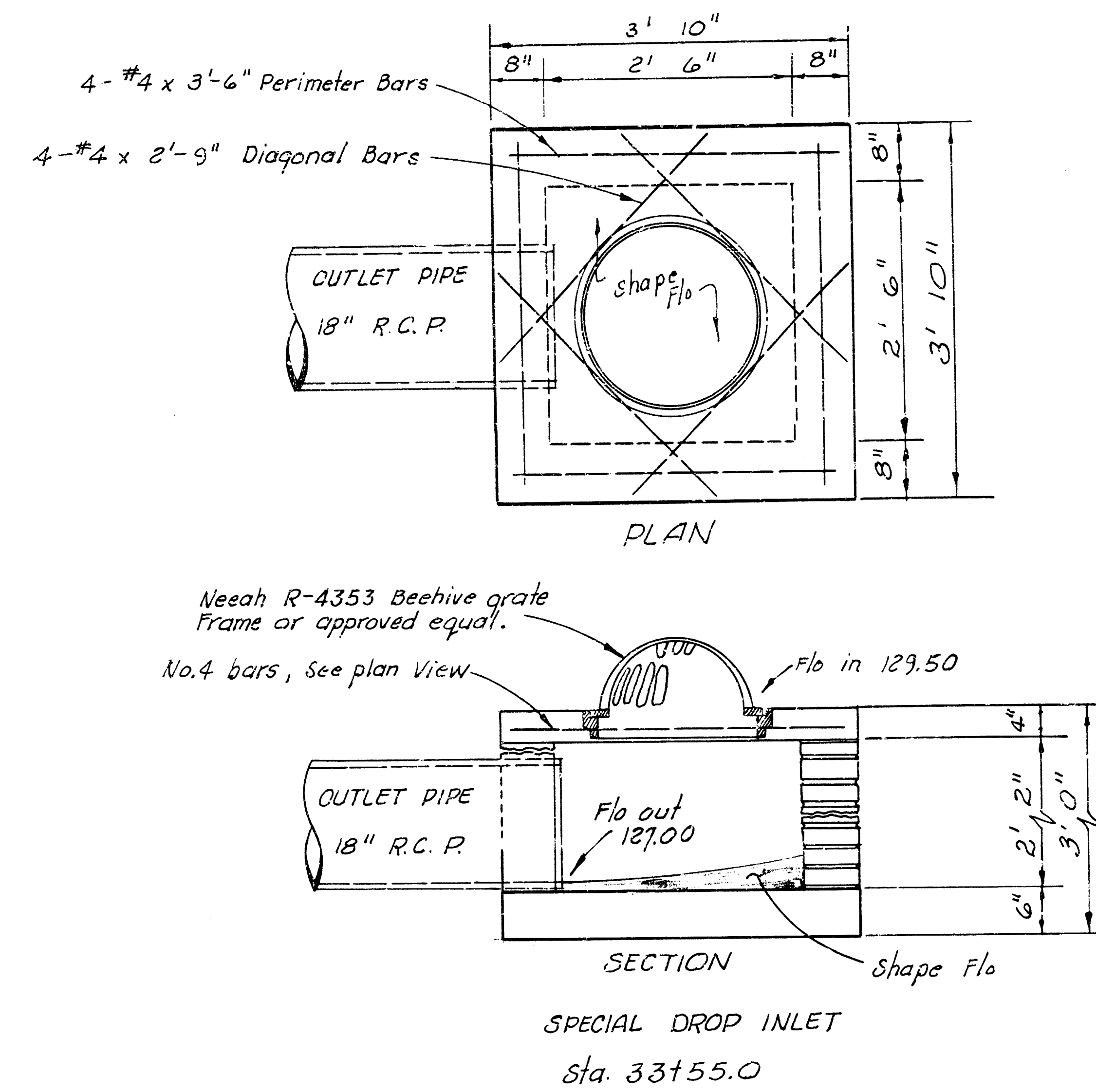
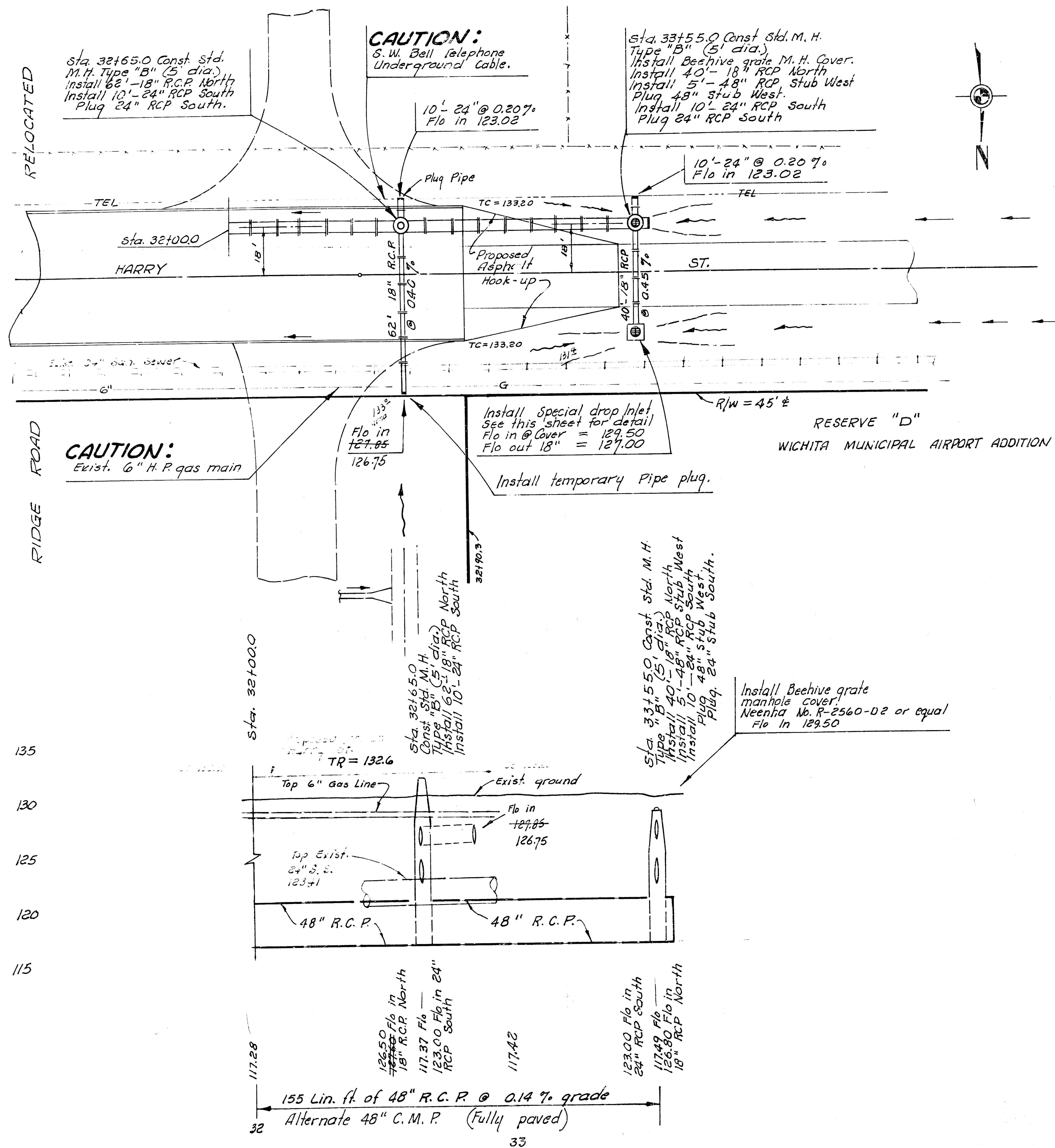
NOTE:
See sheet No. 17 for
Sta. Cb. Inlet Type I
detail.



Revised May 24, 1976

S. W. D. NO. 25	10/20	10/20
PROJECT NO. DBKD575085		



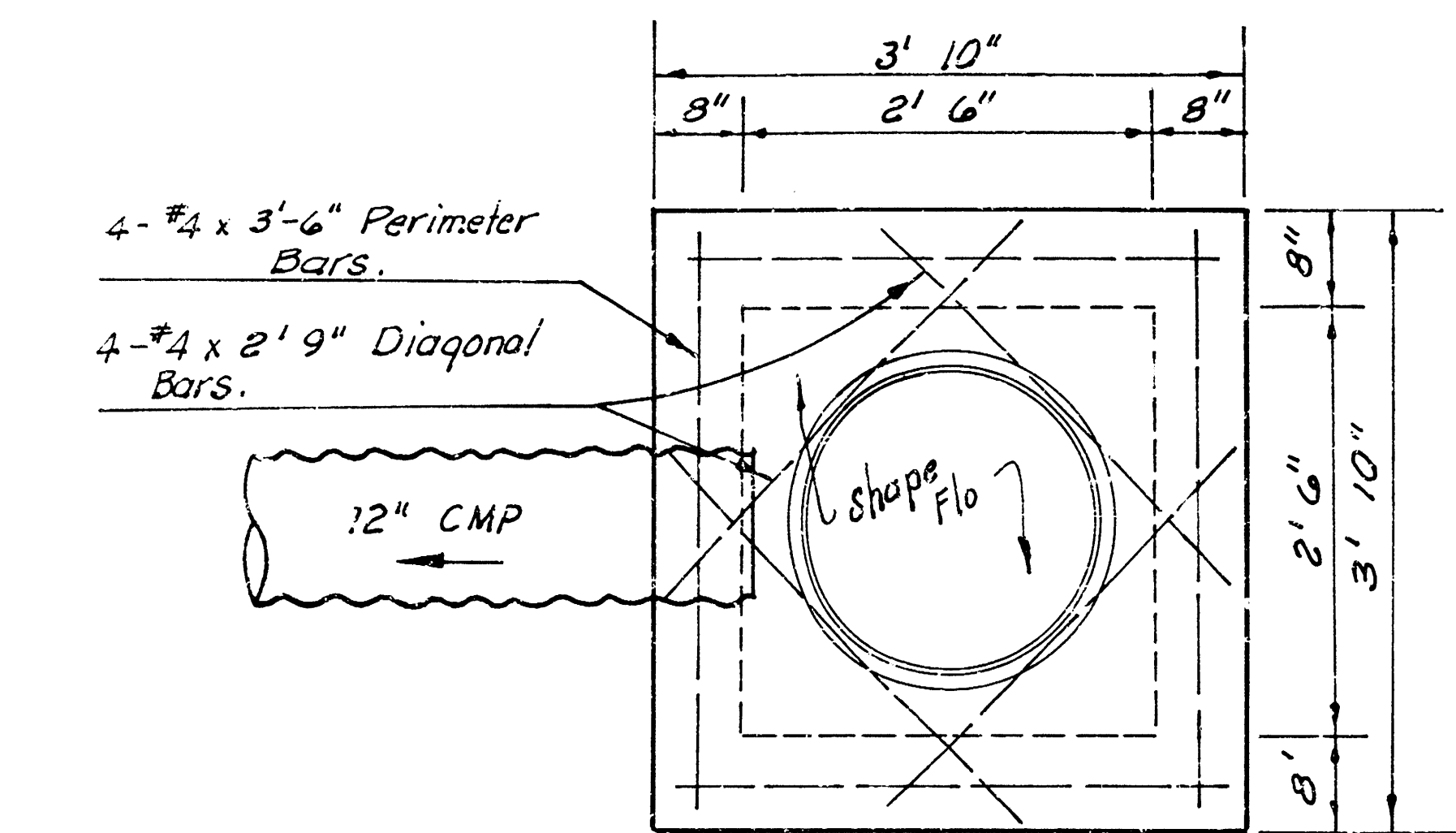


135
130
125
120
115

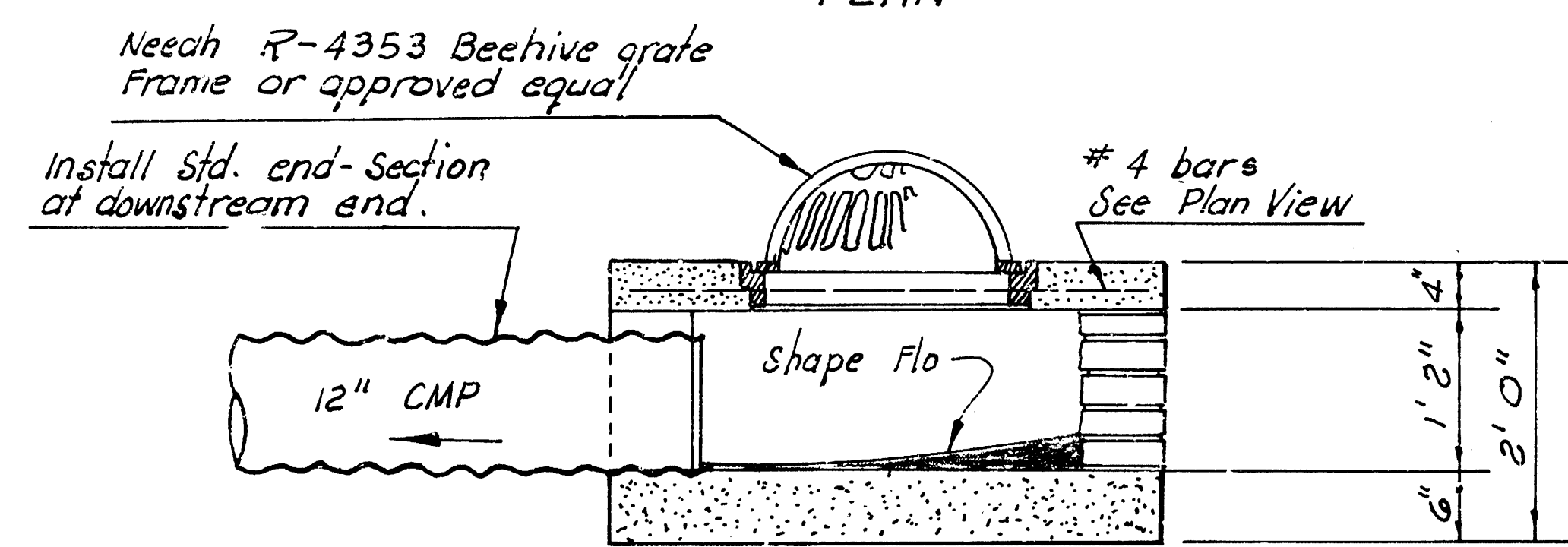
14-7-2-2
14-7-3-9

Revised 3-1-76

S. W. D. NC. 25		12/20
PROJECT NO. DBKD 575085		12/20



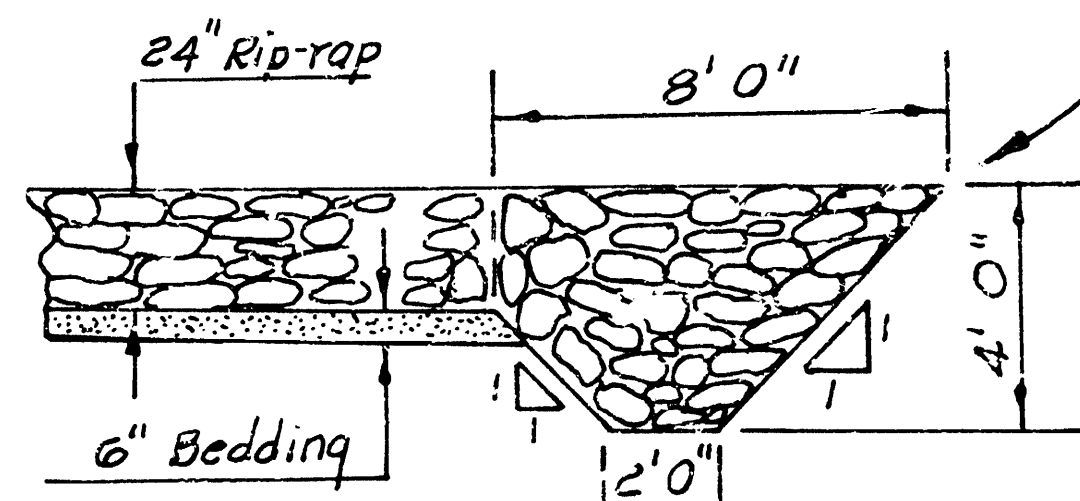
PLAN



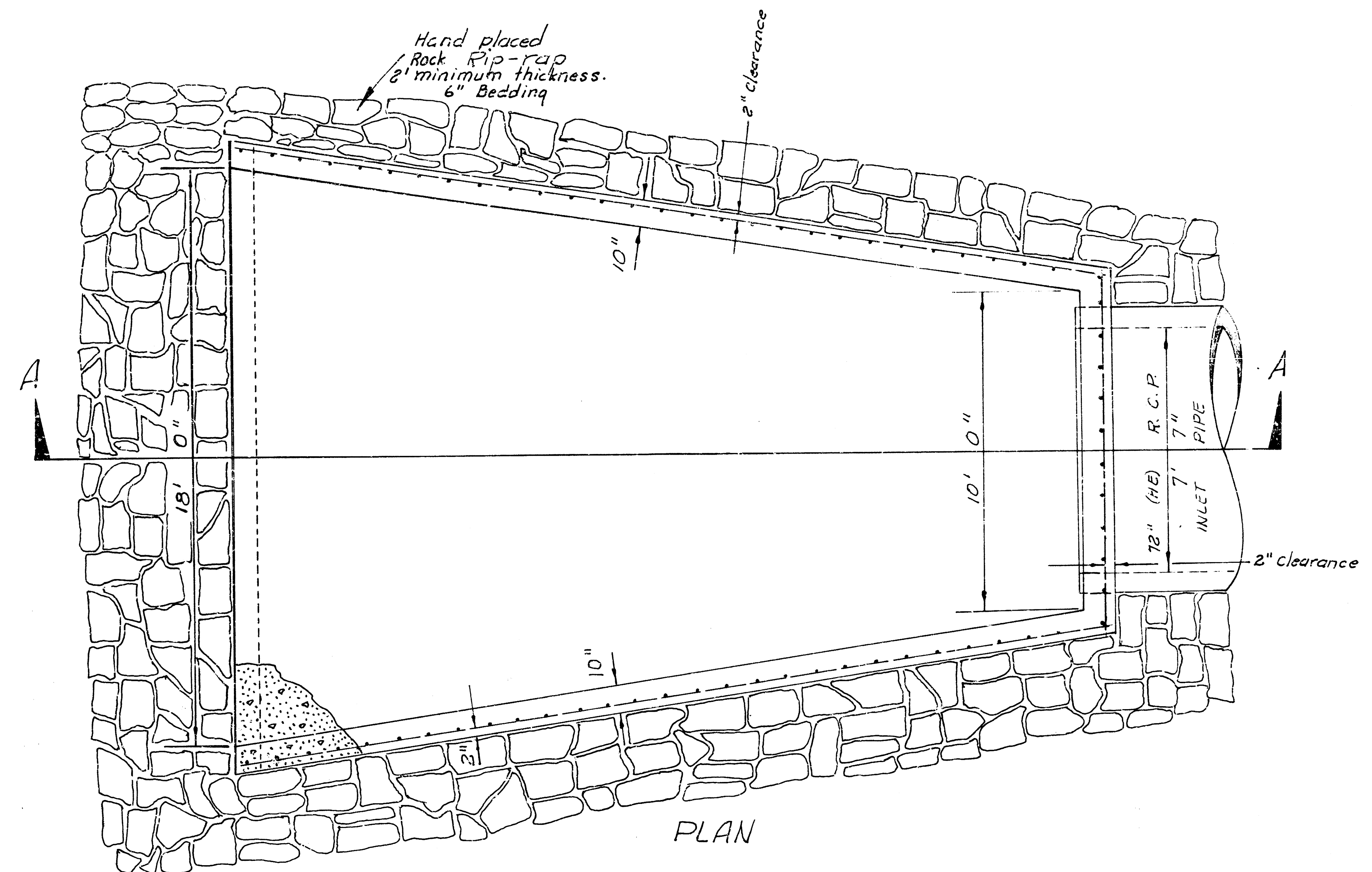
SECTION

SPECIAL DROP INLET
NOT TO SCALE
Sta. 0+95 and Sta. 6+70
along Outfall Channel
Sheet No. 2 of 3

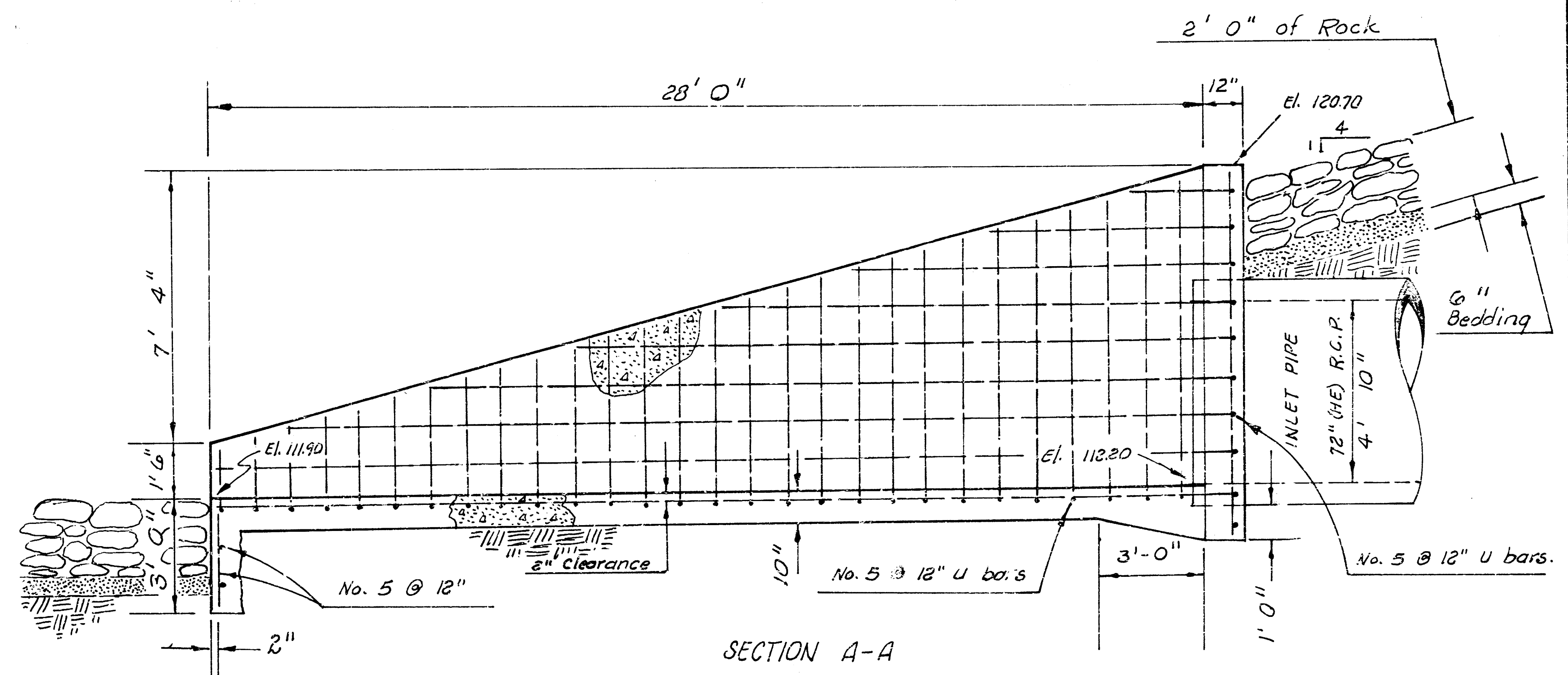
Rock Toe to be constructed on upstream and downstream ends of Riprap. Rock toe will not be paid for directly and shall be considered as subsidiary to the price bid per sq. yd. of Rock Riprap.



RIP-RAP DETAIL

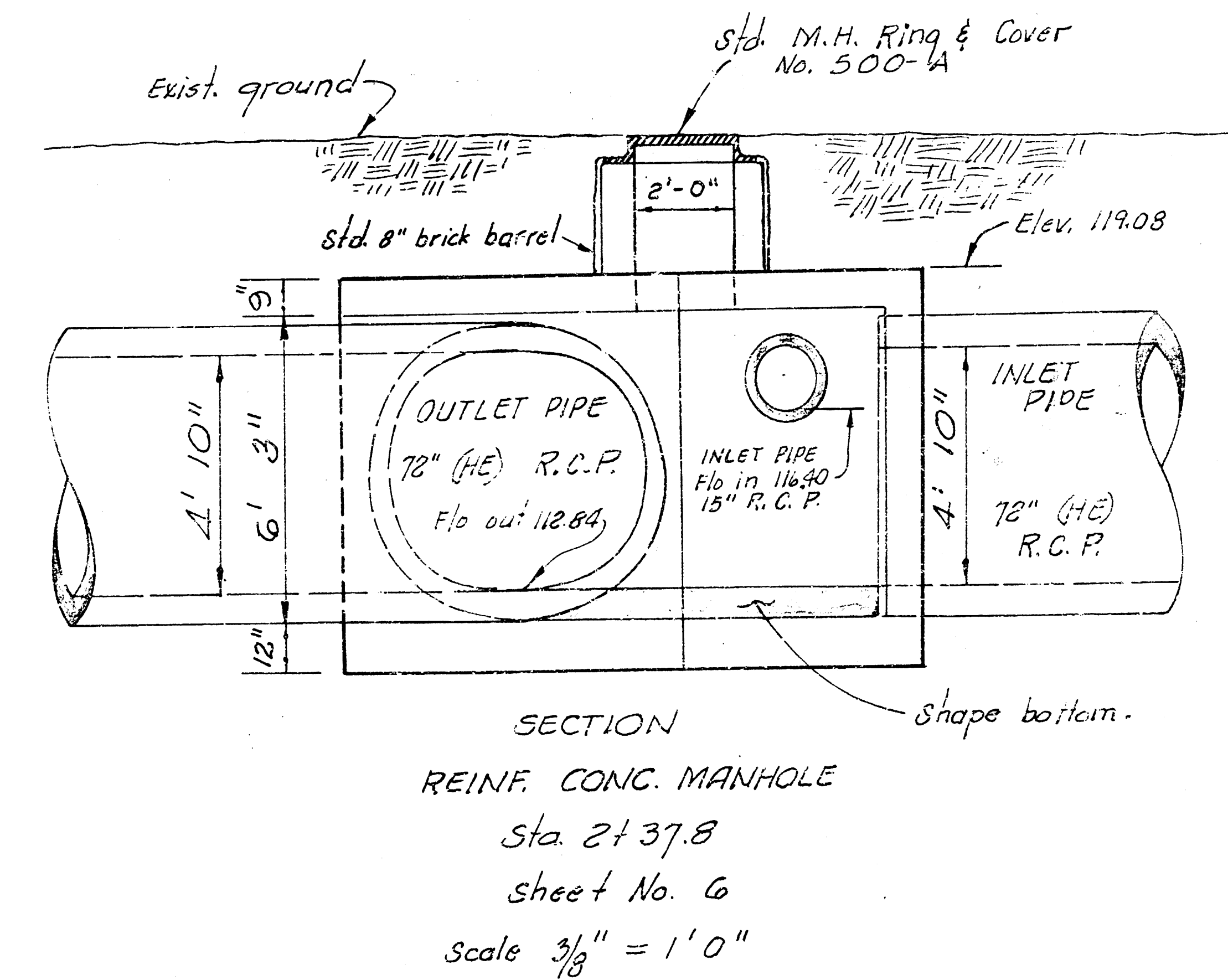
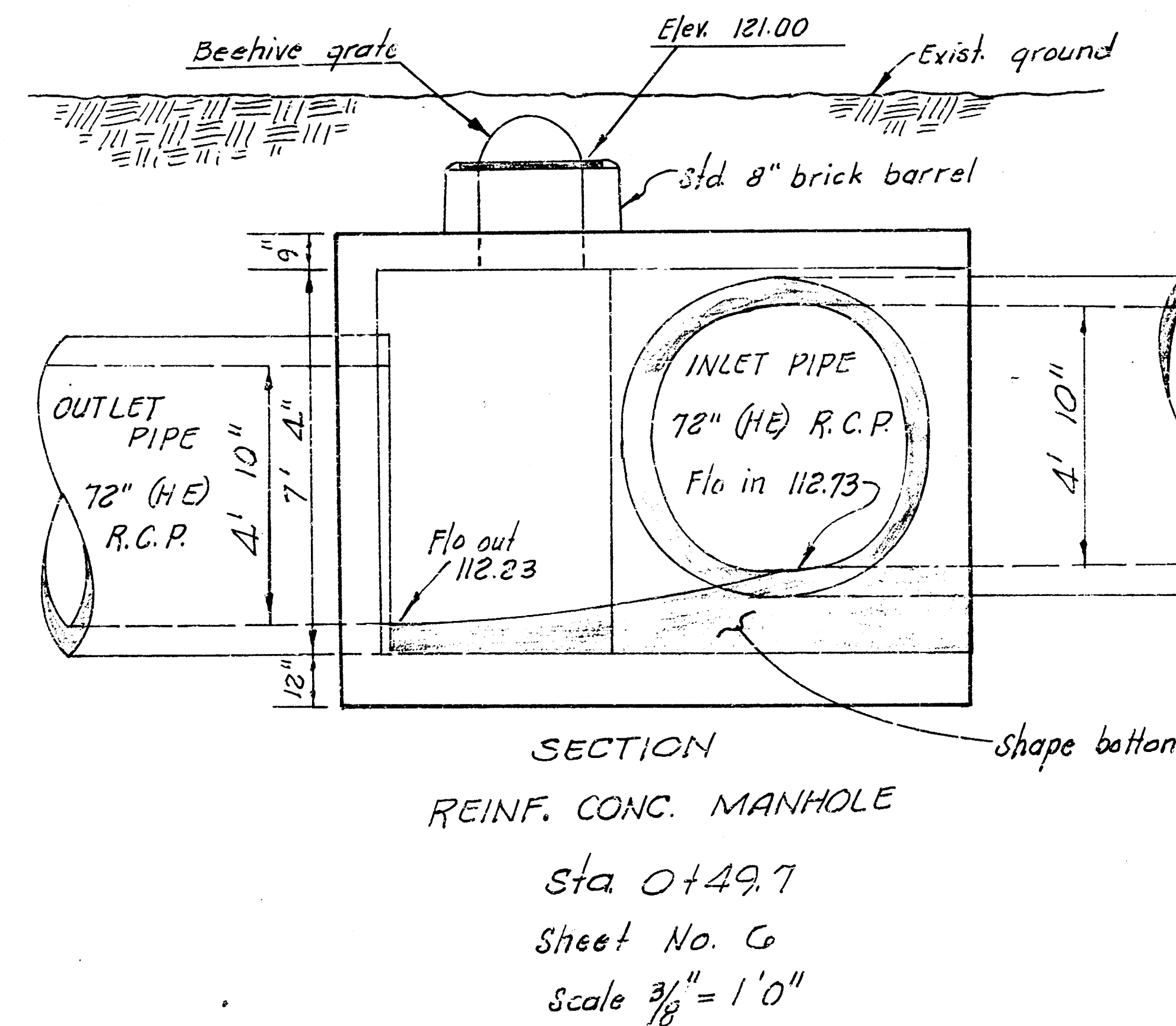
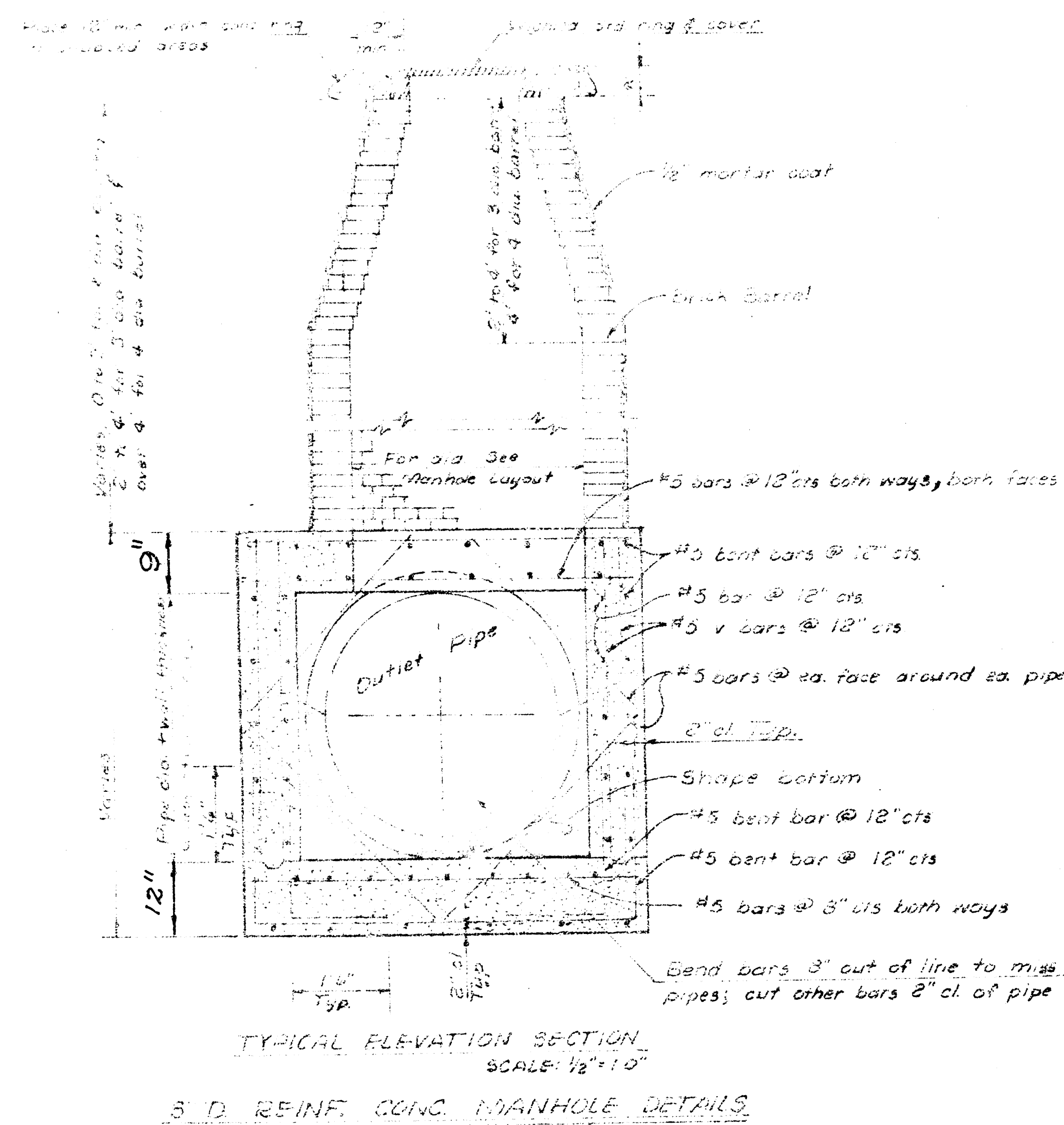
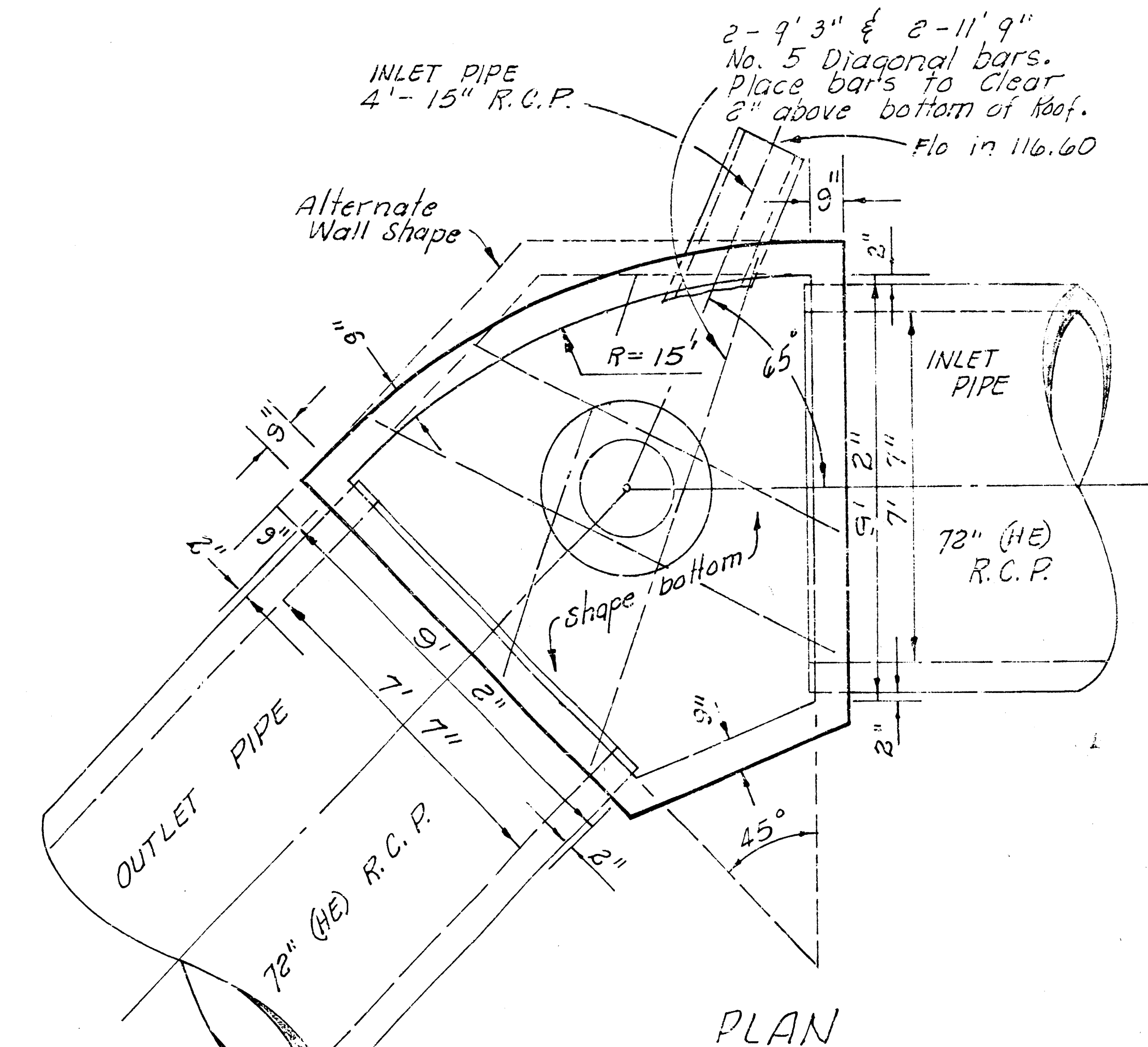
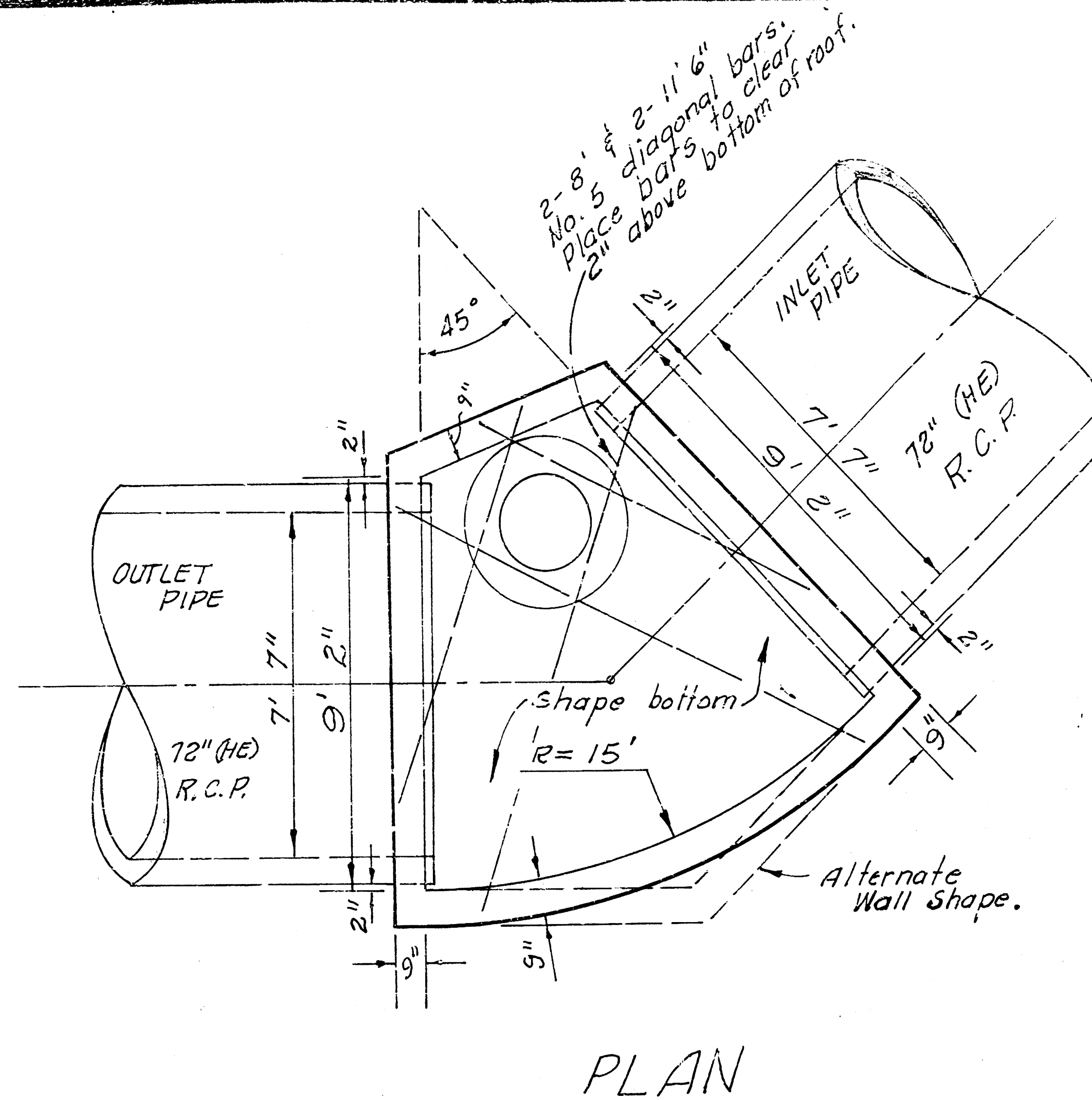
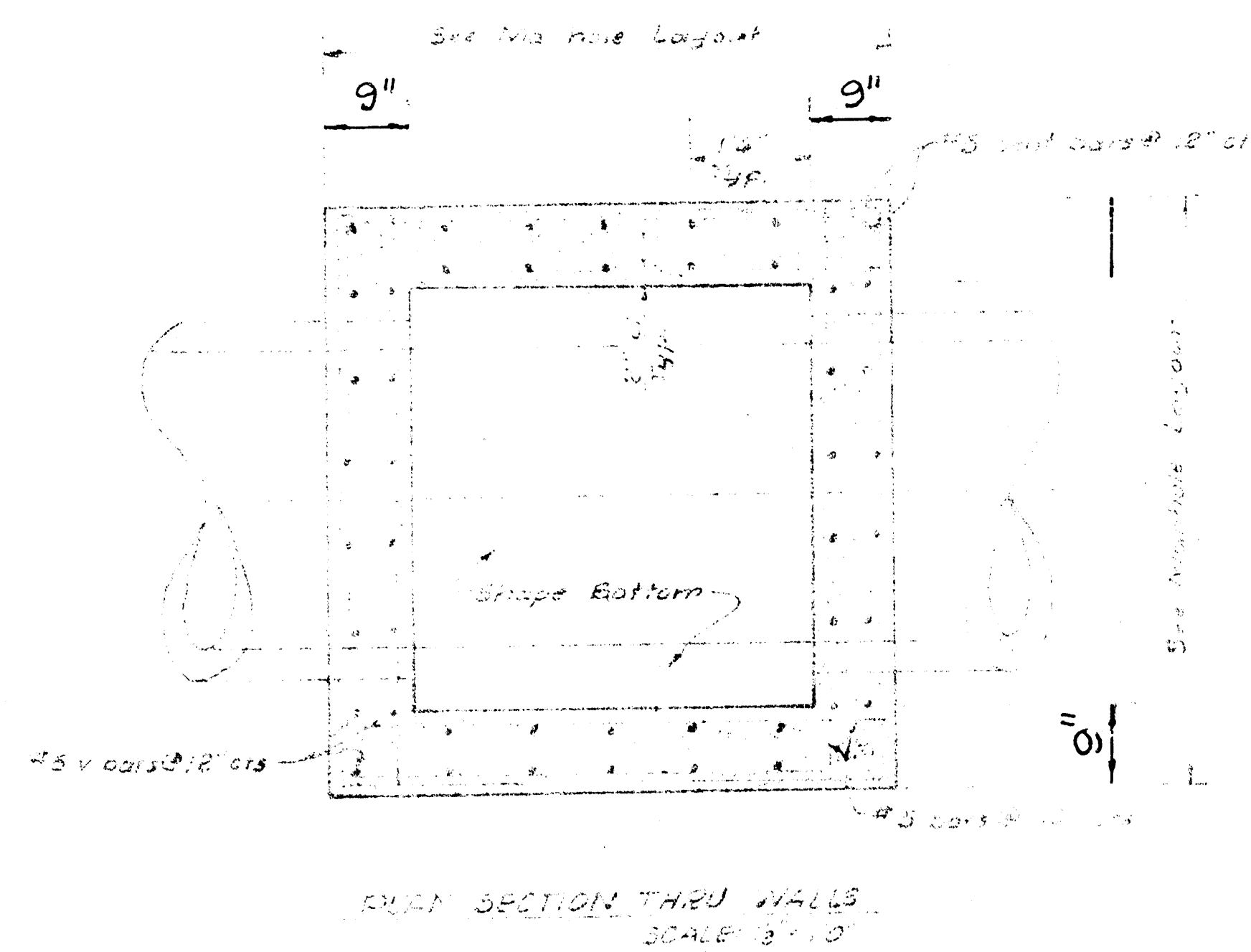


PLAN



SECTION A-A

Sta. 0+00.0 Outfall Structure
Sta. 20+60.0 Outfall Channel
Scale 1" = 3/8"



3. D. REINF. CONC. MANHOLE DETAILS.

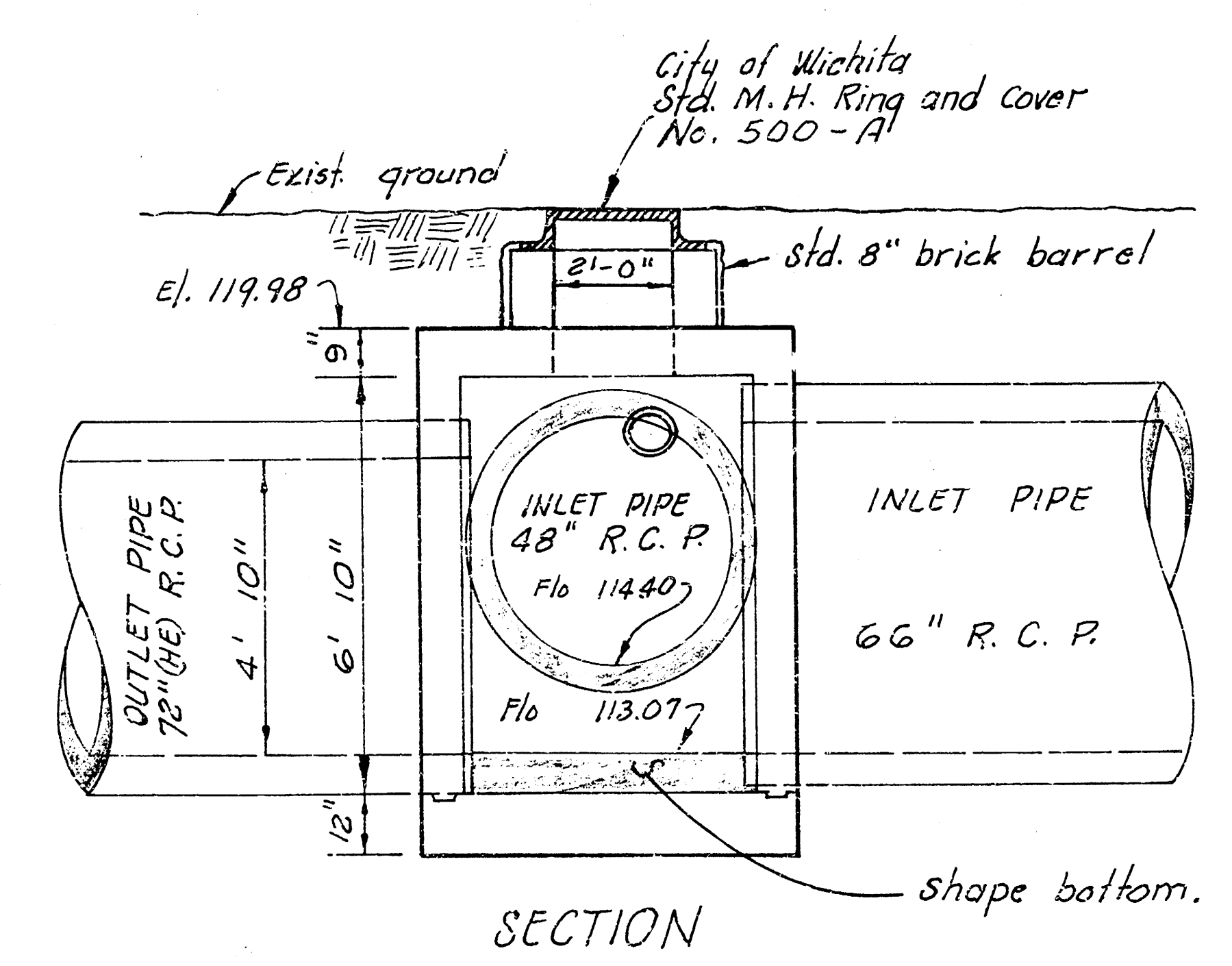
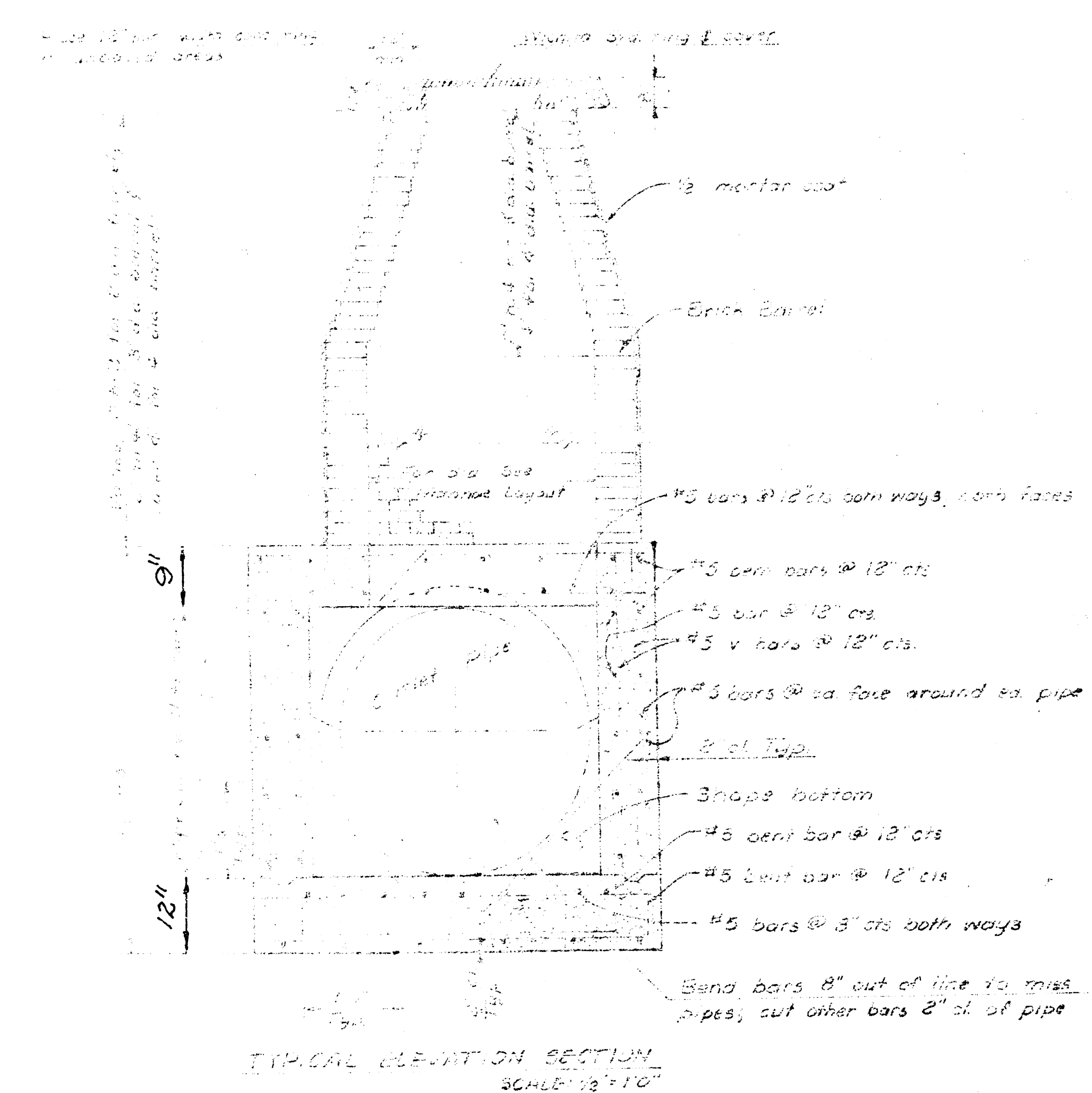
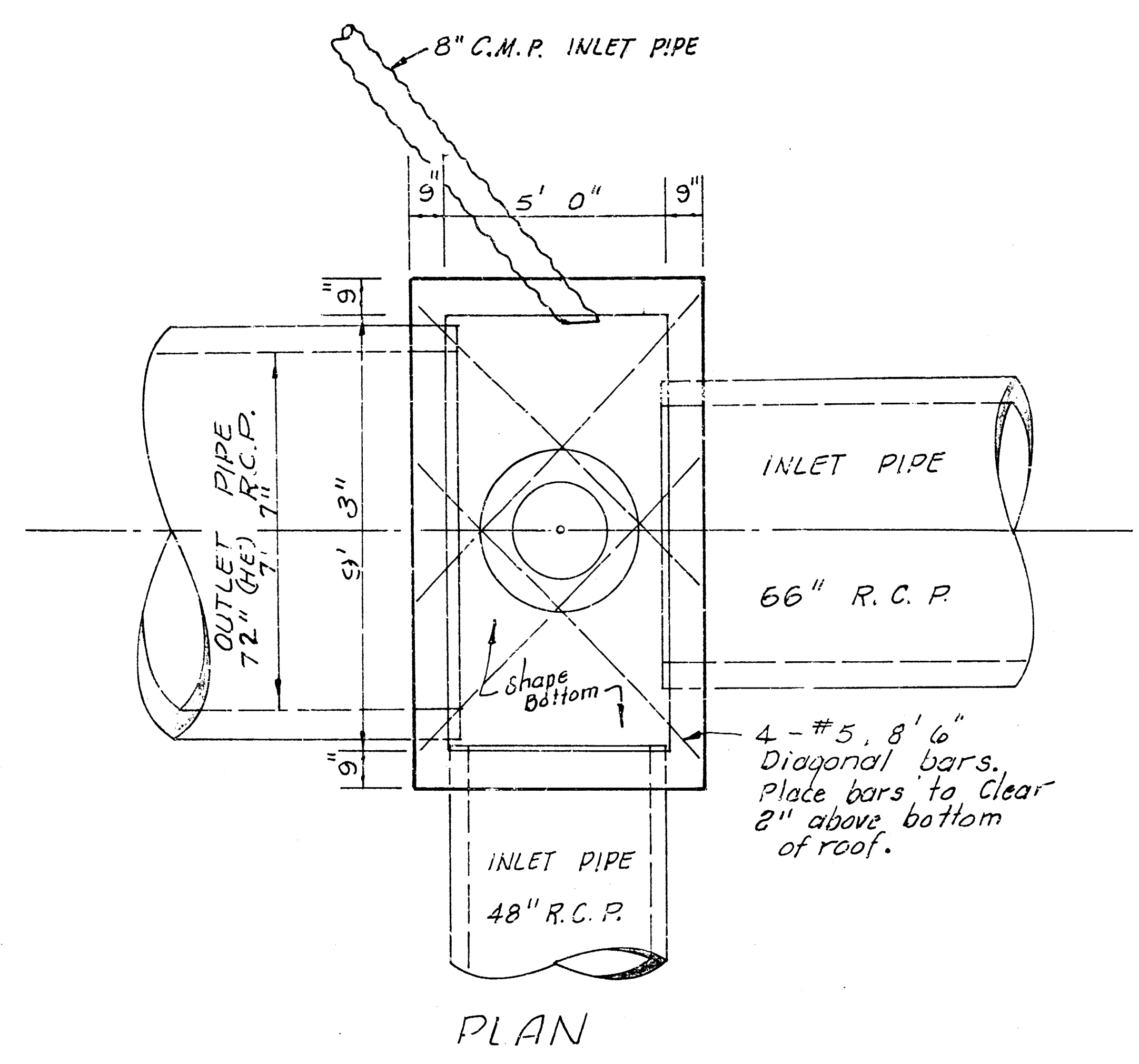
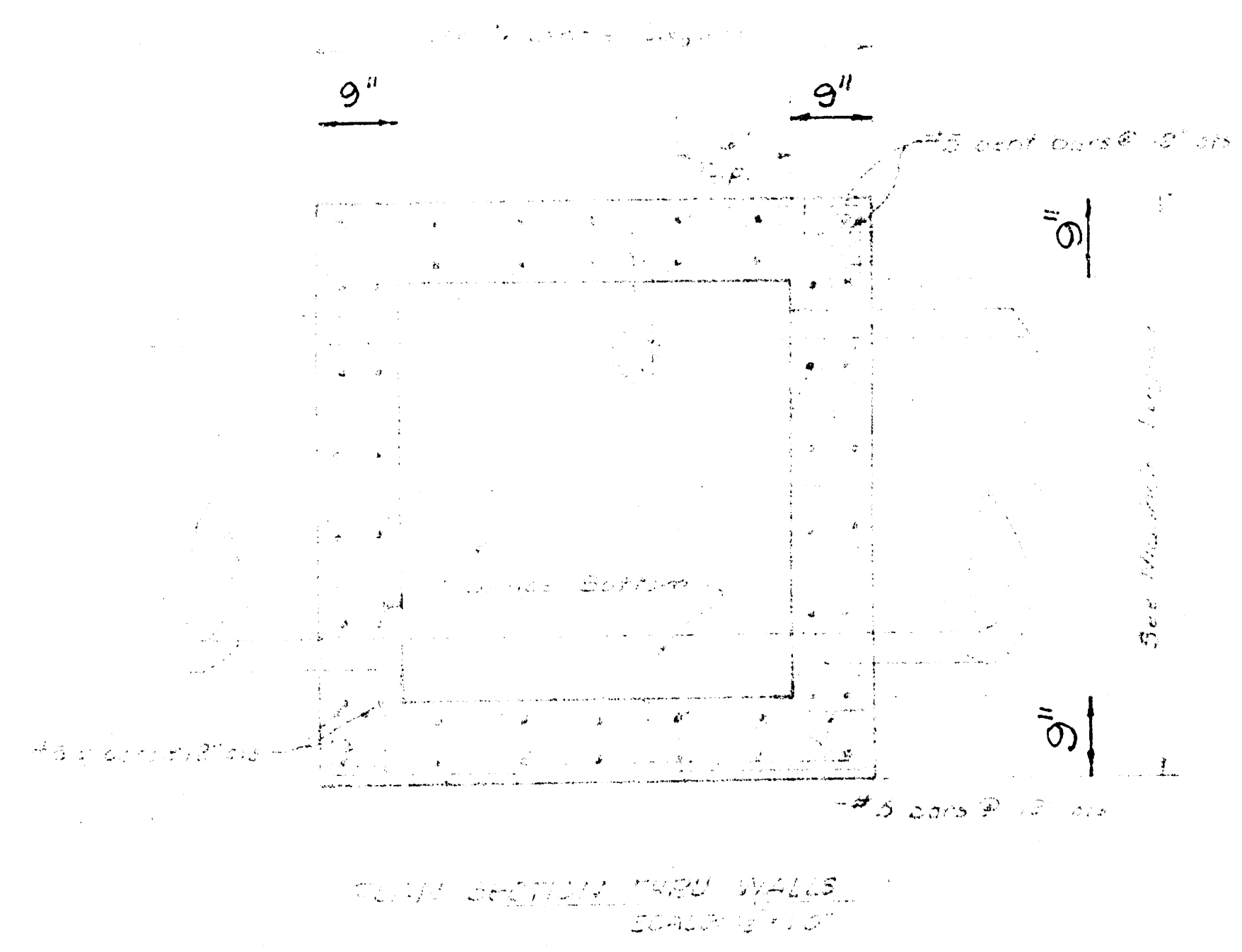
1. THE REINFORCED CONCRETE MANHOLE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING DETAILS AND SHALL BE SUBMITTED FOR APPROVAL BY THE ENGINEER BEFORE CONSTRUCTION.

2. THE REINFORCED CONCRETE MANHOLE SHALL BE CONSTRUCTED WITH A MINIMUM OF 4" THICK WALLS AND A MINIMUM OF 12" DEPTH OF COVER.

3. THE REINFORCED CONCRETE MANHOLE SHALL BE CONSTRUCTED WITH A MINIMUM OF 4" THICK WALLS AND A MINIMUM OF 12" DEPTH OF COVER.

4. THE REINFORCED CONCRETE MANHOLE SHALL BE CONSTRUCTED WITH A MINIMUM OF 4" THICK WALLS AND A MINIMUM OF 12" DEPTH OF COVER.

5. THE REINFORCED CONCRETE MANHOLE SHALL BE CONSTRUCTED WITH A MINIMUM OF 4" THICK WALLS AND A MINIMUM OF 12" DEPTH OF COVER.

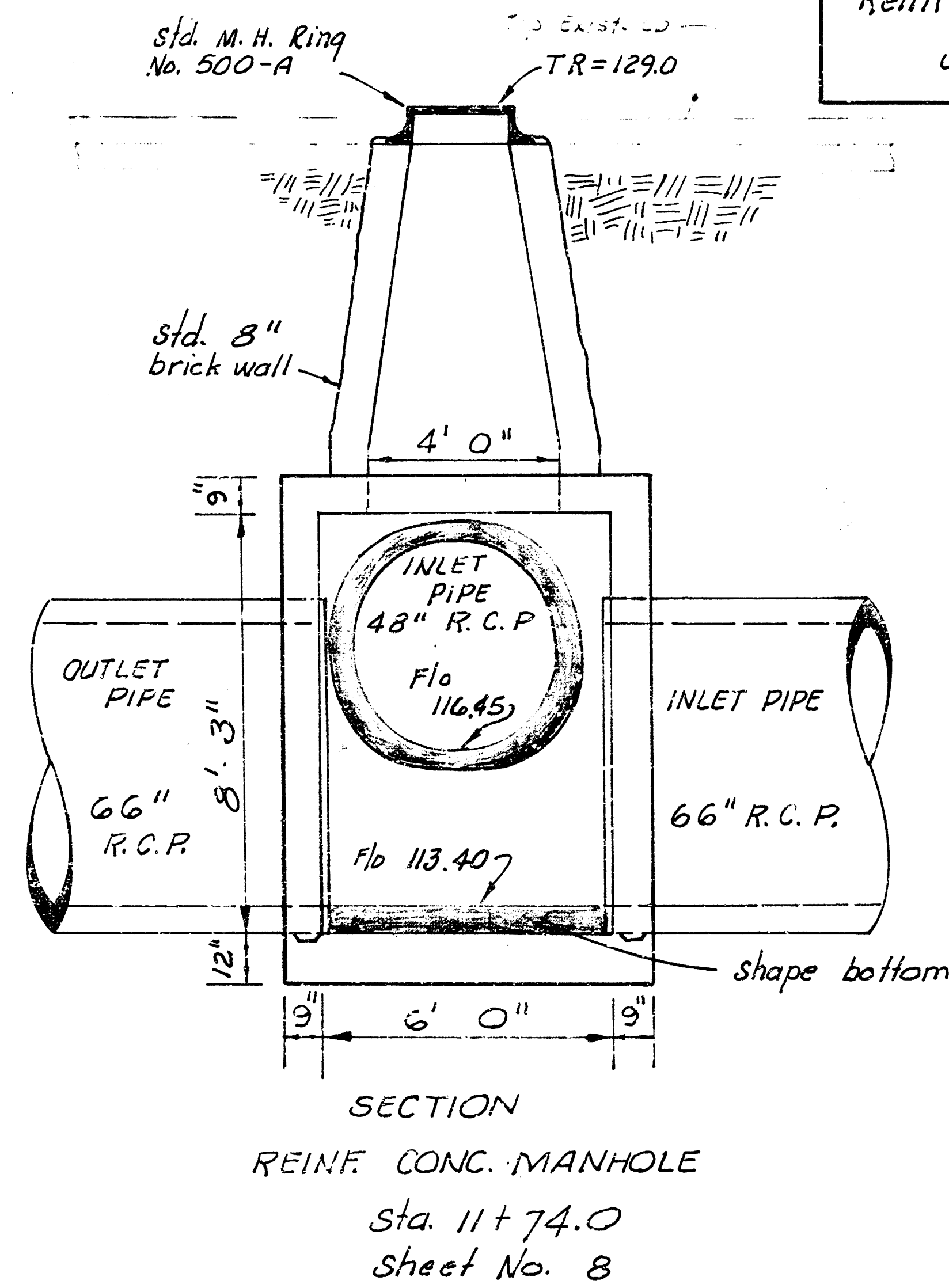
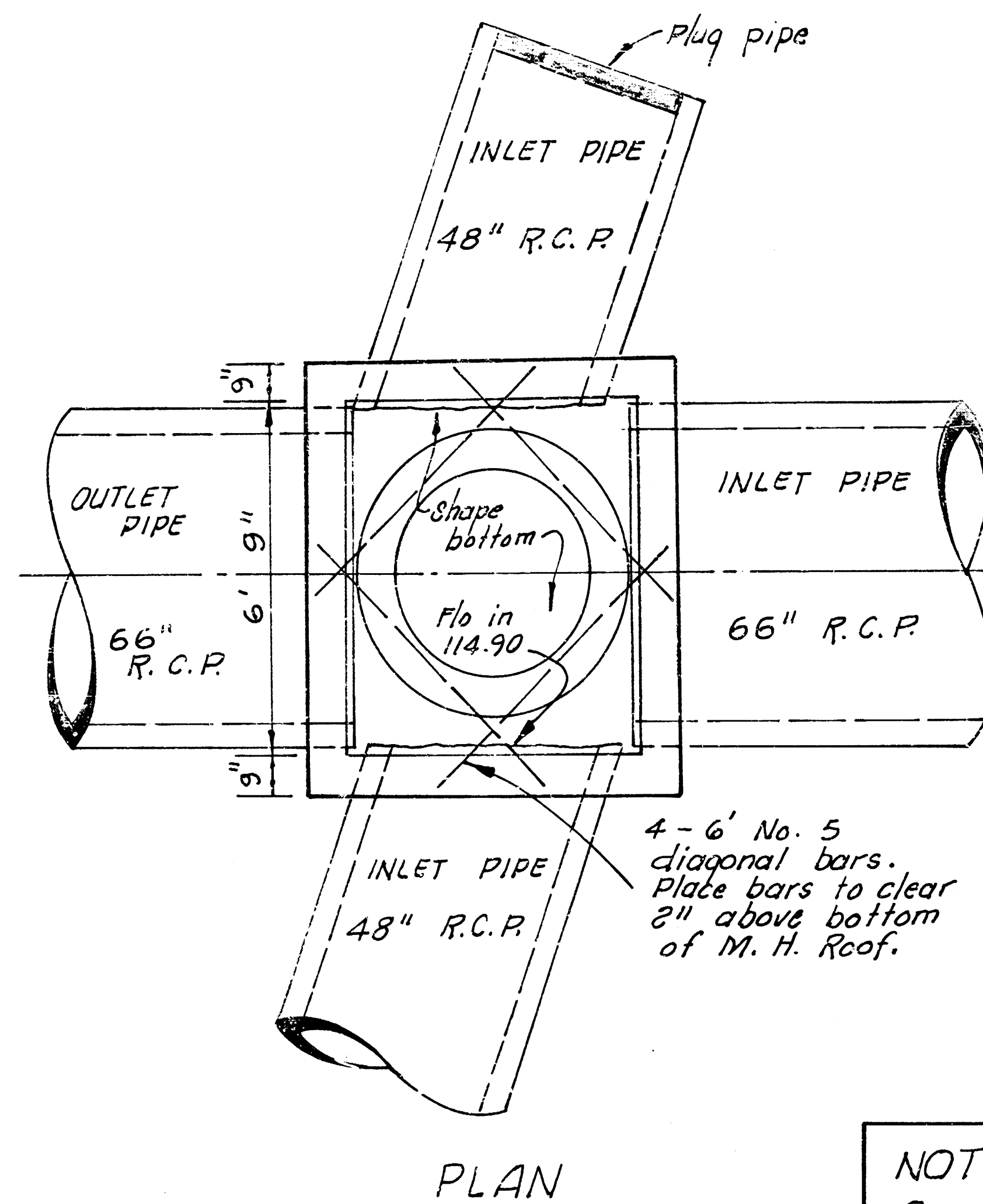
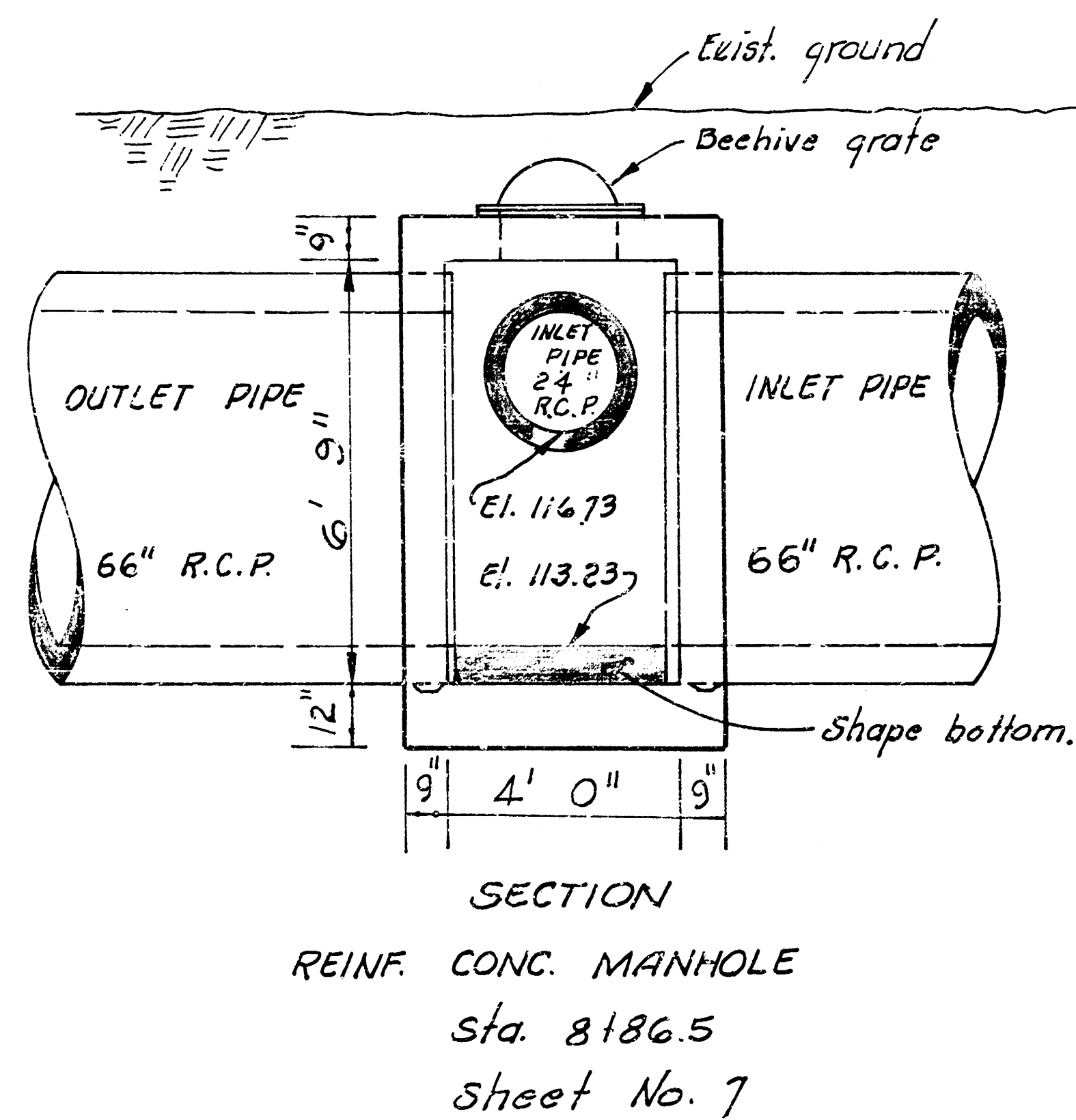
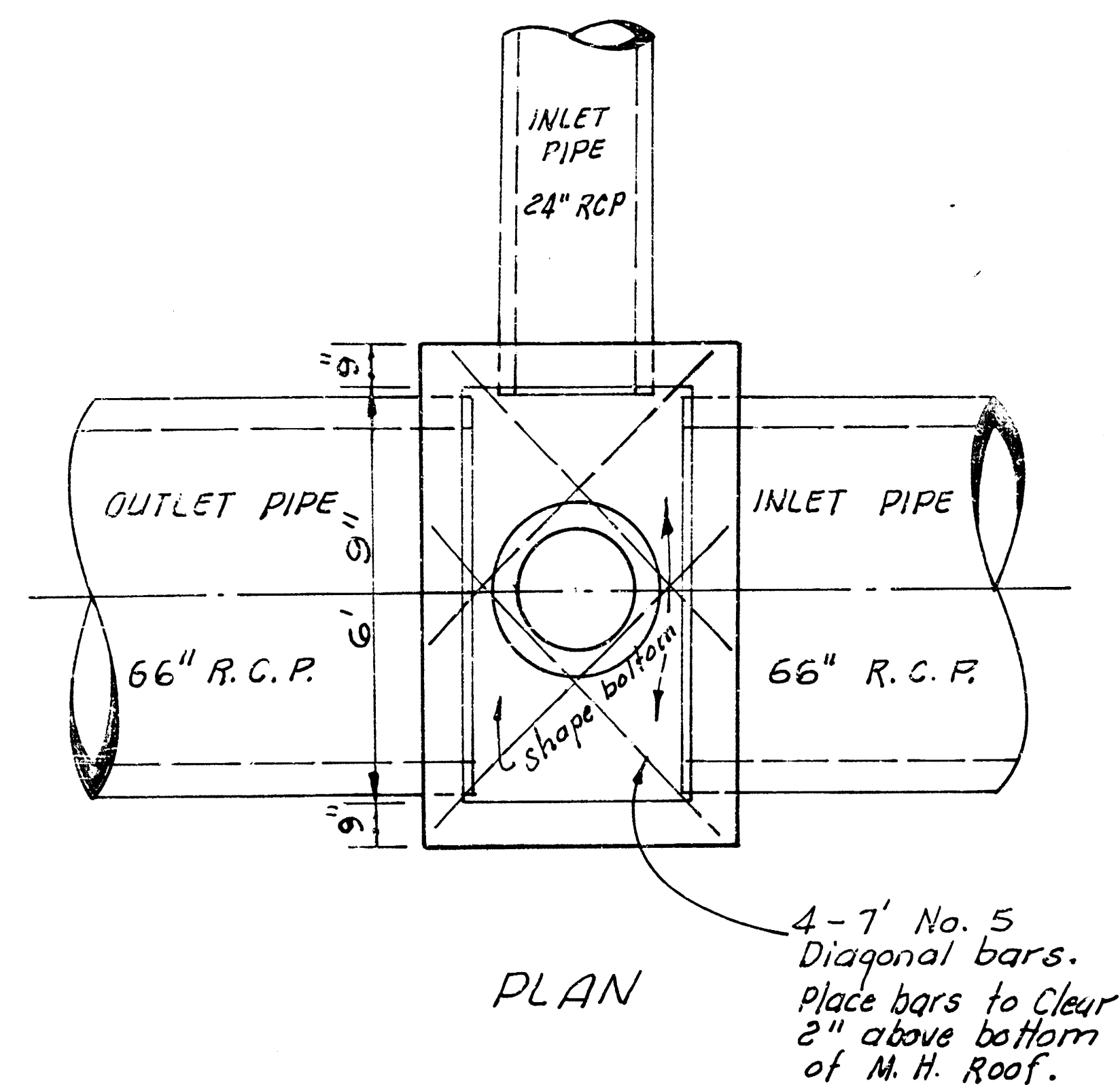


SECTION
REINF. CONC. MANHOLE
Sta. 6+18.3
Sheet No. 7
Scale 3/8" = 1' 0"

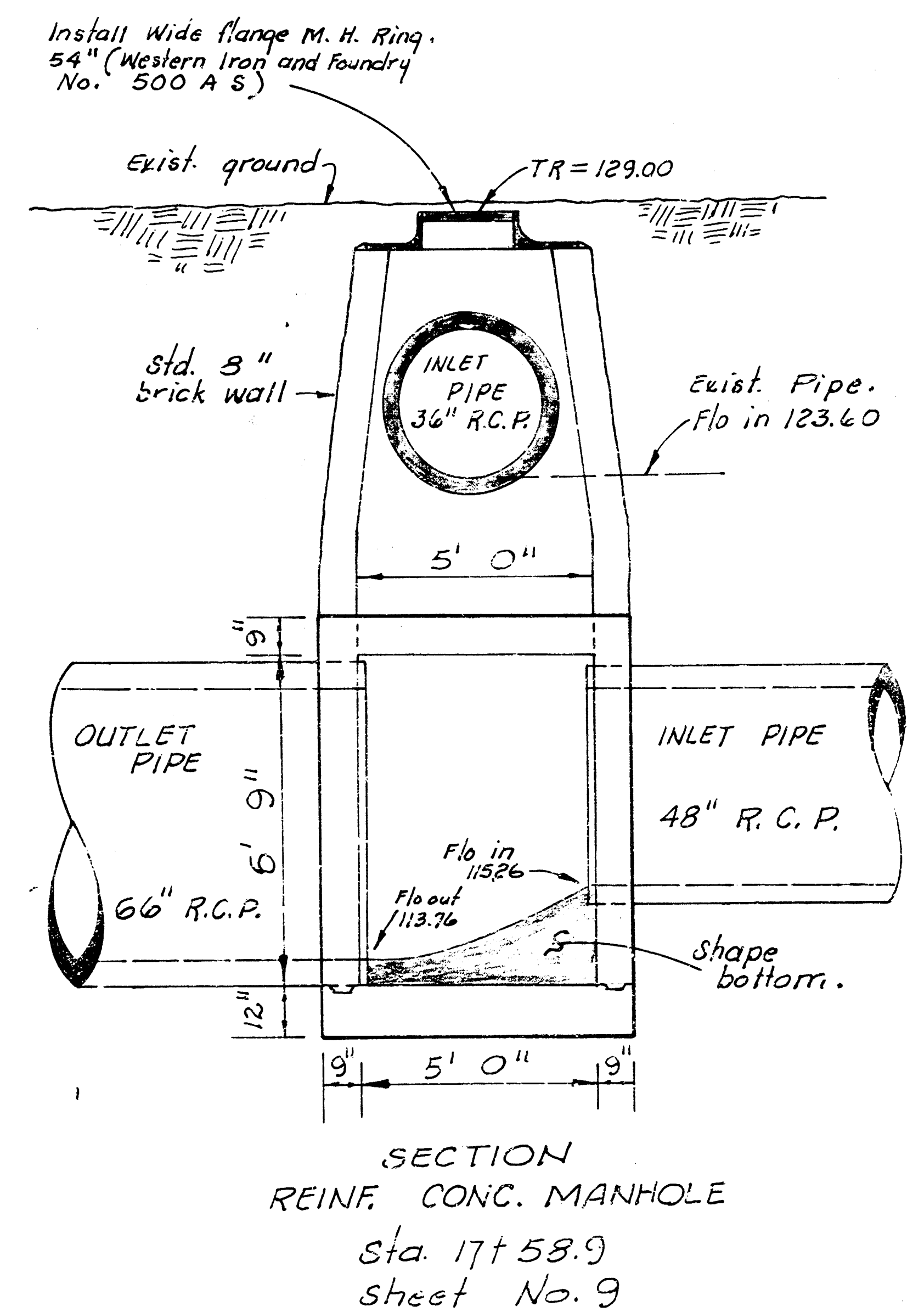
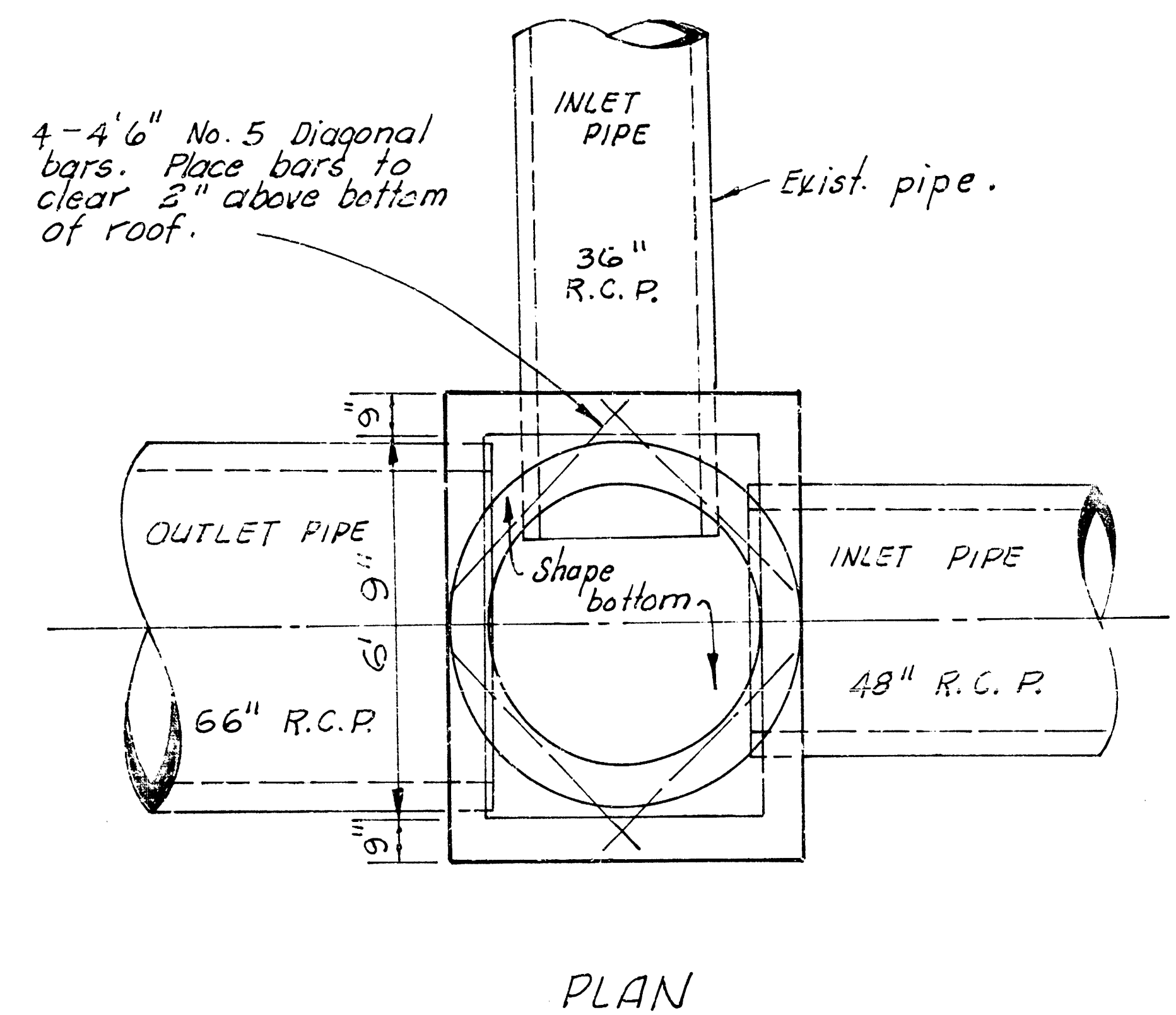
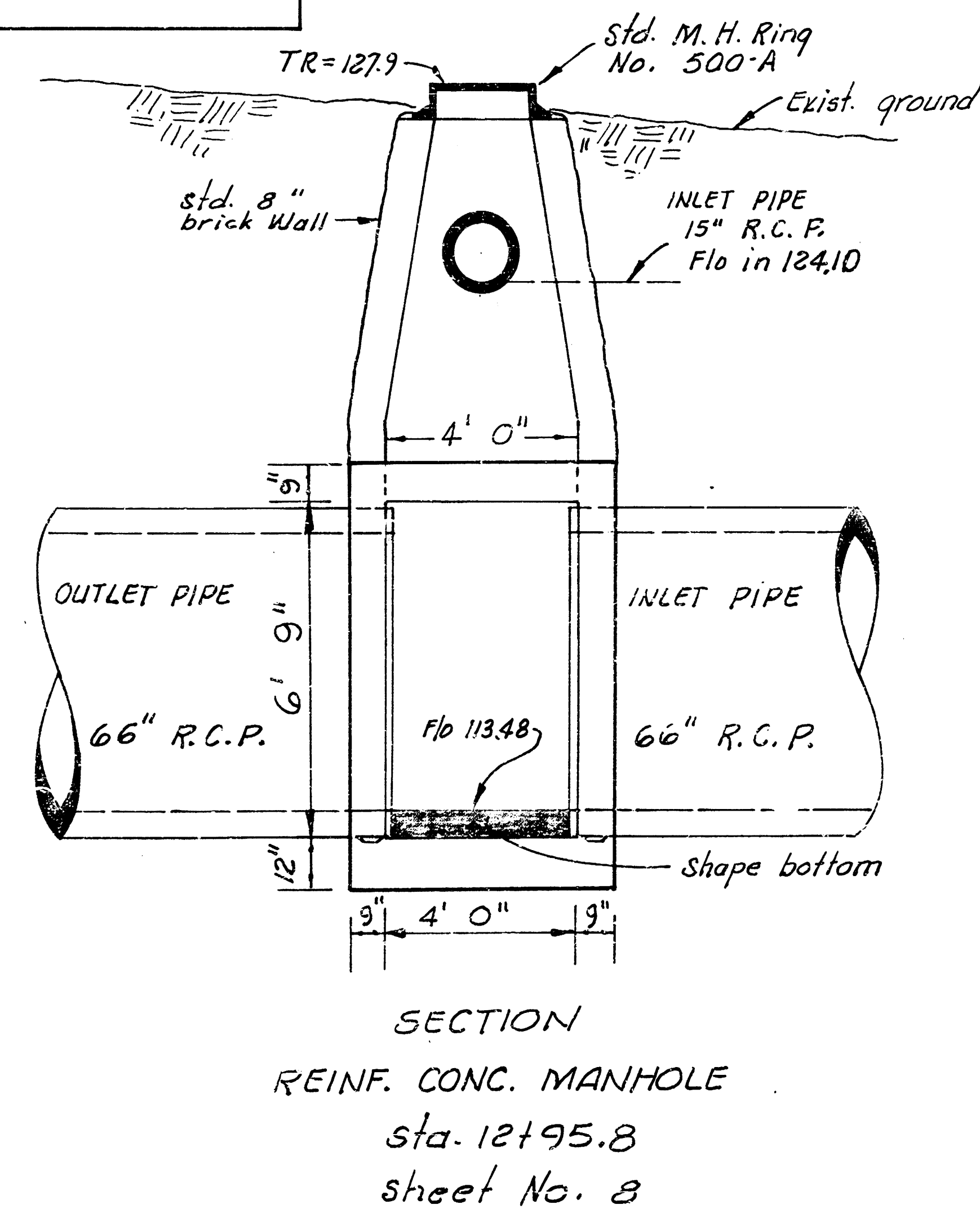
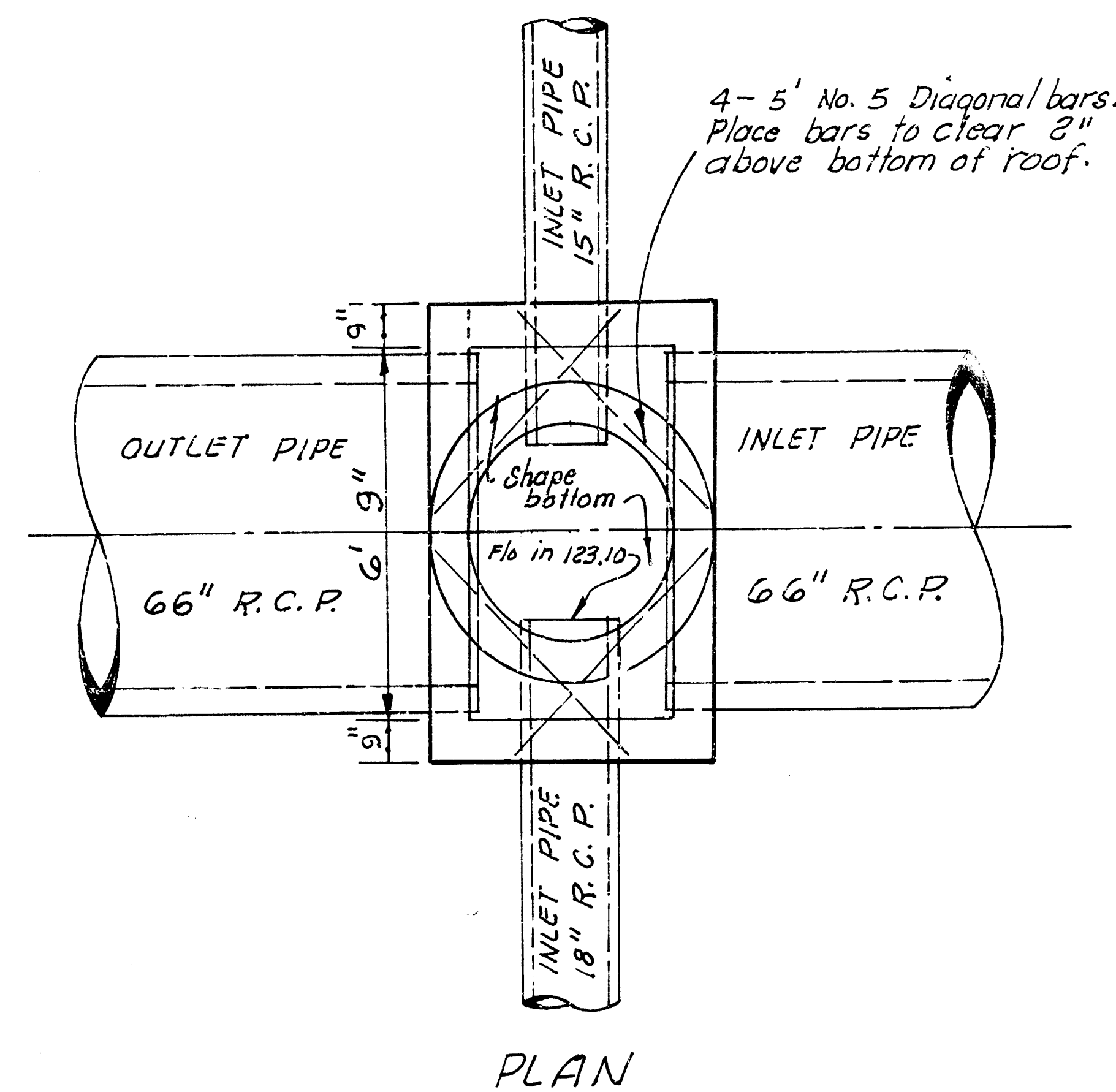
1. The manhole shall be constructed of reinforced concrete. The walls shall be 12" thick and the bottom shall be 12" thick. The manhole shall be constructed in accordance with the details shown on this sheet.

2. The manhole shall be constructed in accordance with the details shown on this sheet.

3. The manhole shall be constructed in accordance with the details shown on this sheet.

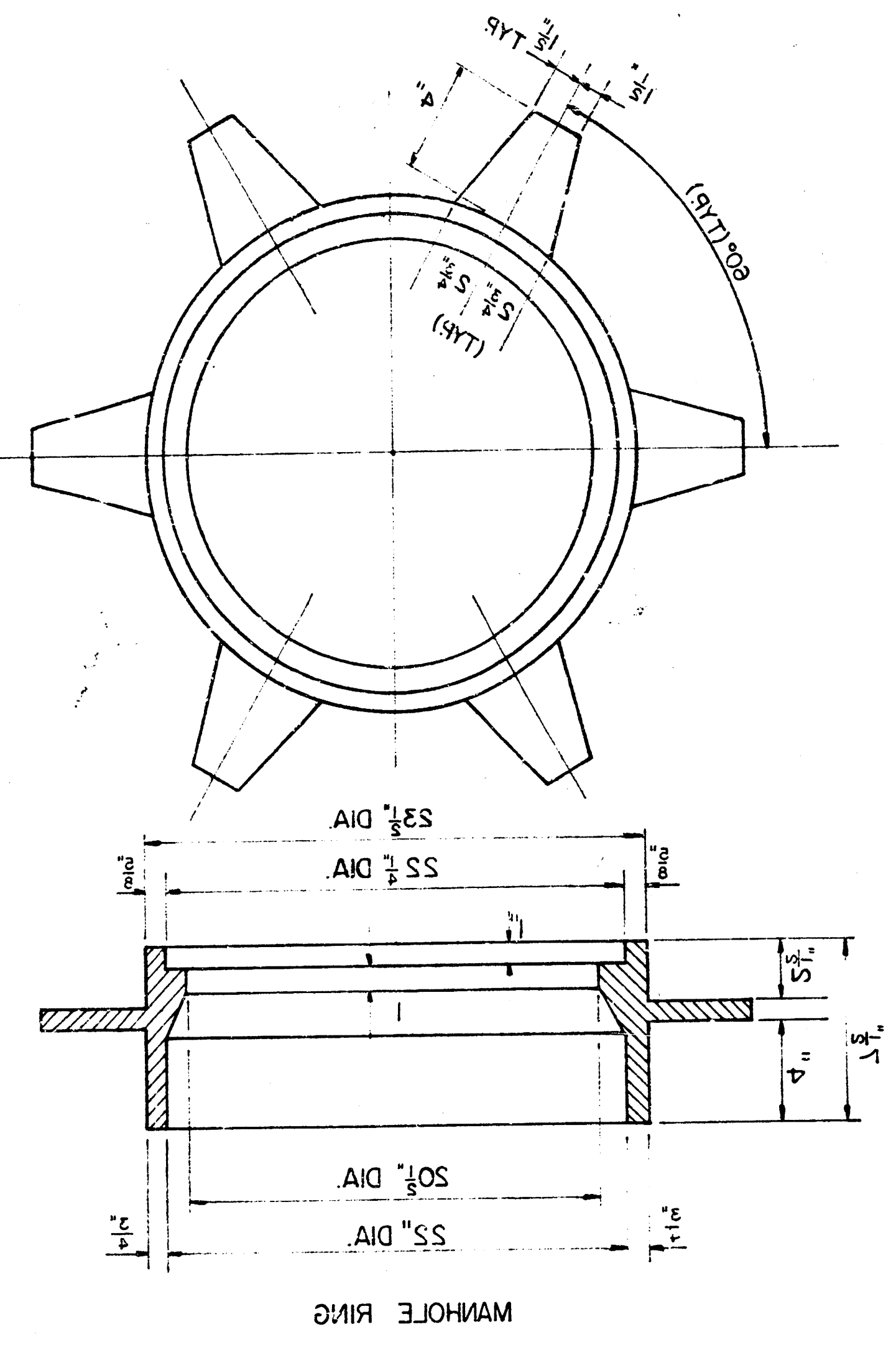


NOTE:
See sheet No. 15 for
Steel pattern for Typical
Reinf. Conc. Manhole.
Scale $\frac{3}{8}'' = 1' 0''$

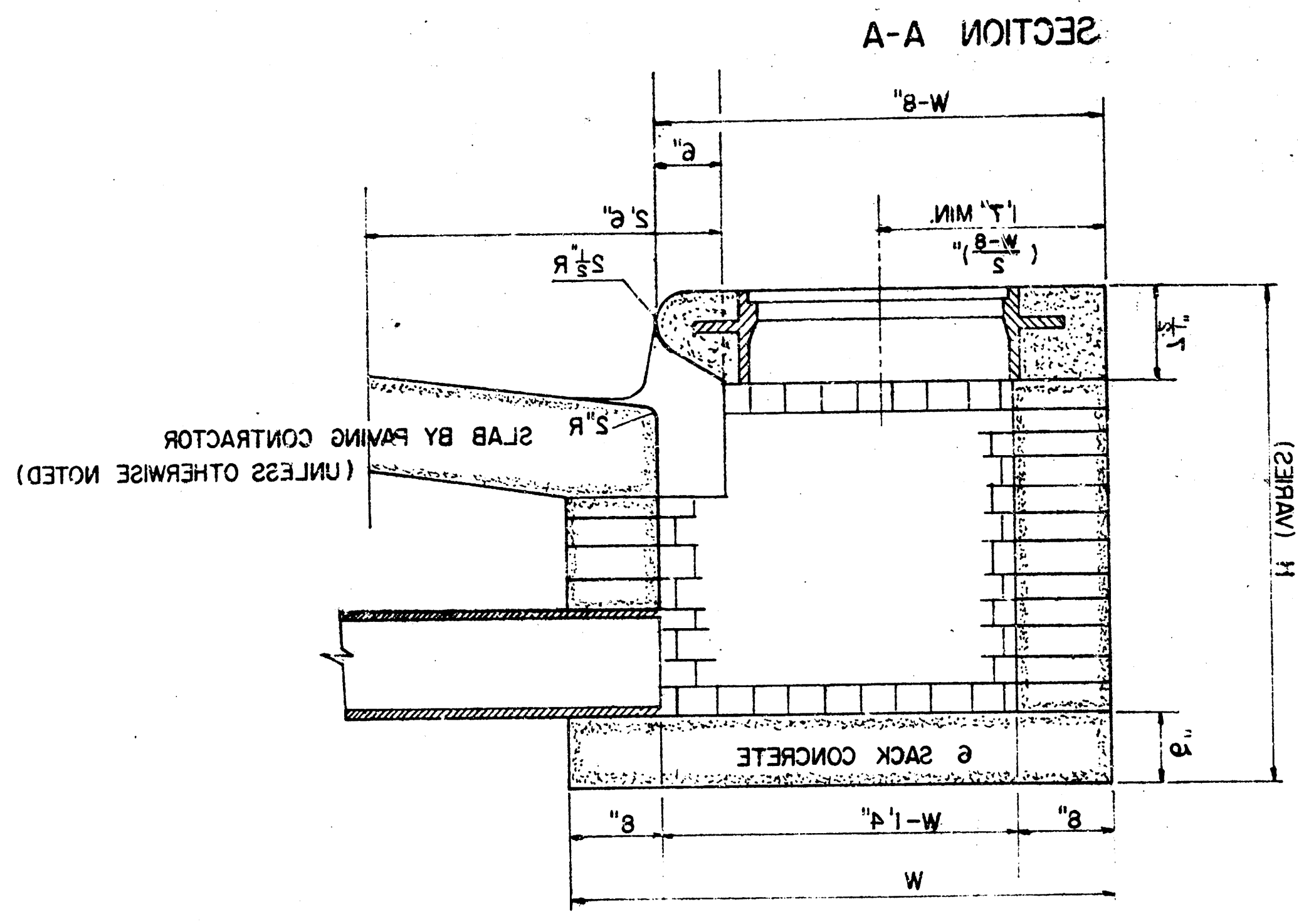
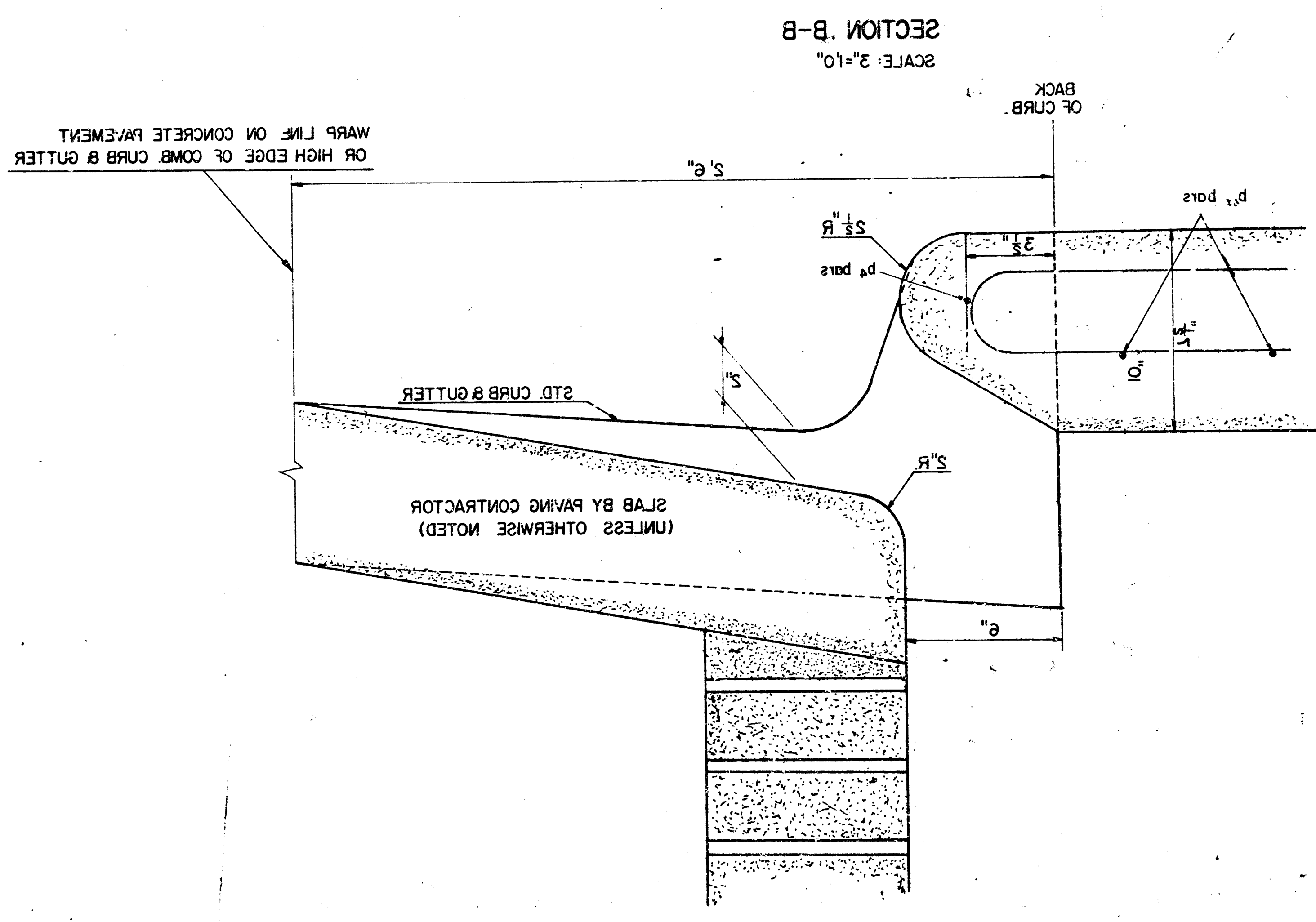


FEBRUARY, 1925
 R. W. LINN-CITY ENGINEER
 CITY OF WICHITA, KANSAS
 STANDARD CURB INLET-TYPE I
 DETAIL

HAVE FULL HEIGHT STANDARD CURBS
 CONCRETE BASE AND/OR WHEN PAVEMENTS
 PAVEMENT IS ASPHALT PAVEMENT WITH
 THIS TYPE INLET TO BE USED WHEN



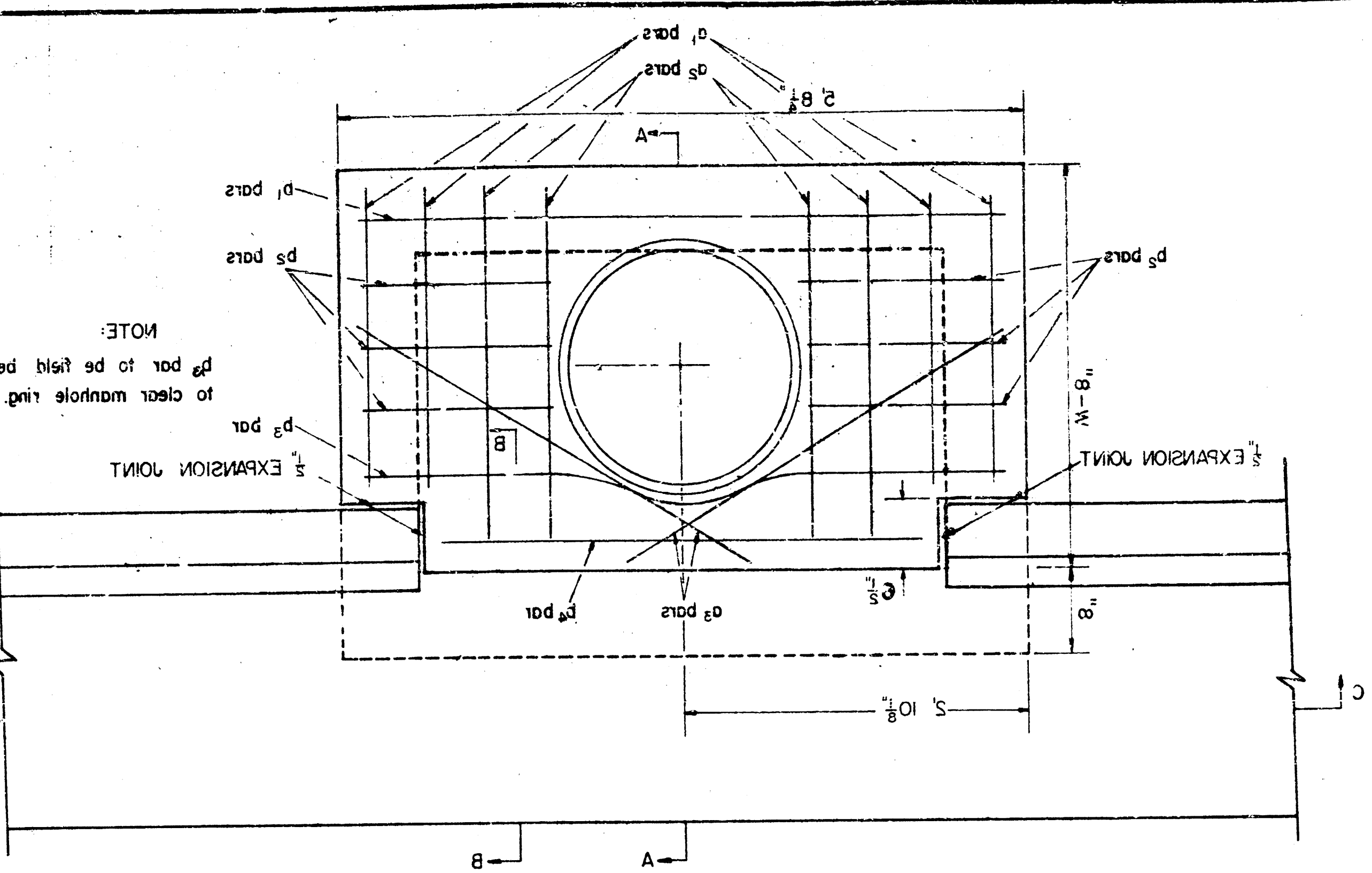
SEE SEWER APPURTENANCES DETAIL
 SHEET FOR MANHOLE COVER



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

W	SIZE	PIPE SIZE	CLAY CONC.
3'-0"	3'-0" X 3'-0" X 1'-0"	3'-0" X 3'-0" X 1'-0"	0.45
4'-0"	4'-0" X 3'-0" X 1'-0"	3'-0" X 3'-0" X 1'-0"	0.55
5'-0"	5'-0" X 3'-0" X 1'-0"	4'-0" X 3'-0" X 1'-0"	0.65

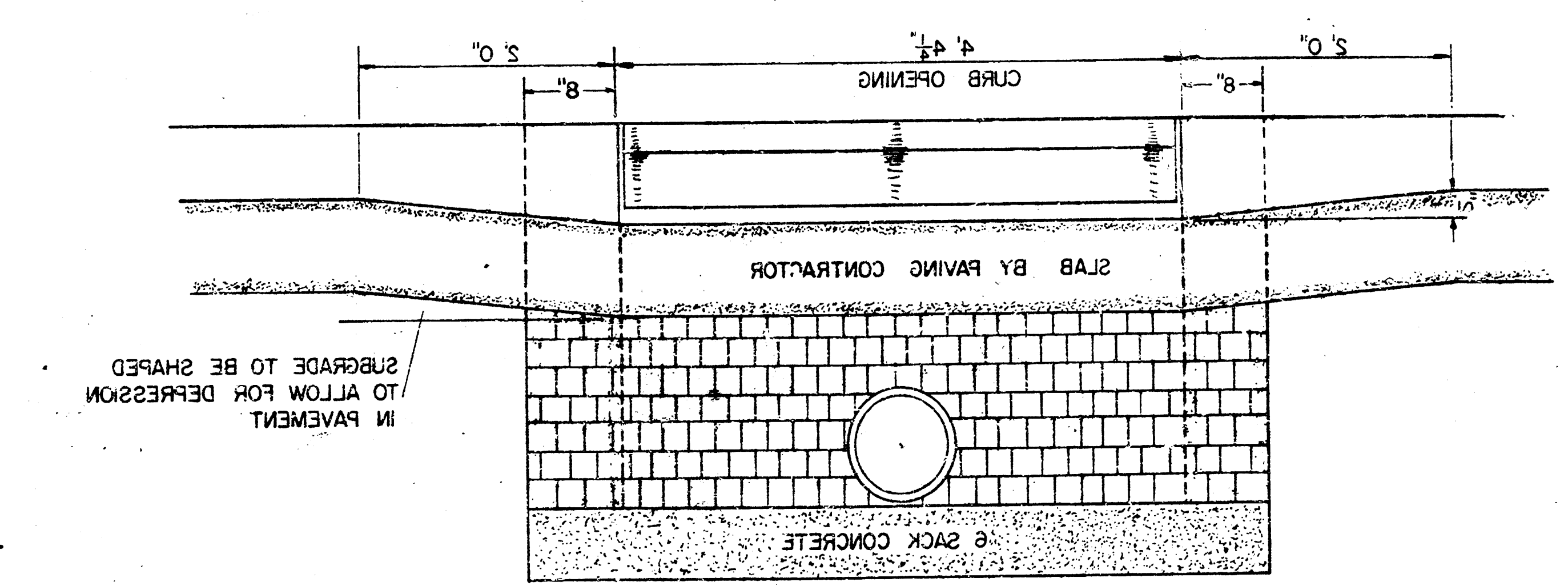
CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR
 CUSHION TO INSURE FULL SUPPORT ALONG BRICK
 WALLS. CONCRETE TOPS MAY BE CAST IN PLACE
 OR PRECAST CONCRETE FOR INLET TOPS AND
 FLOORS SHALL BE 6 SACK PAVING MIX.



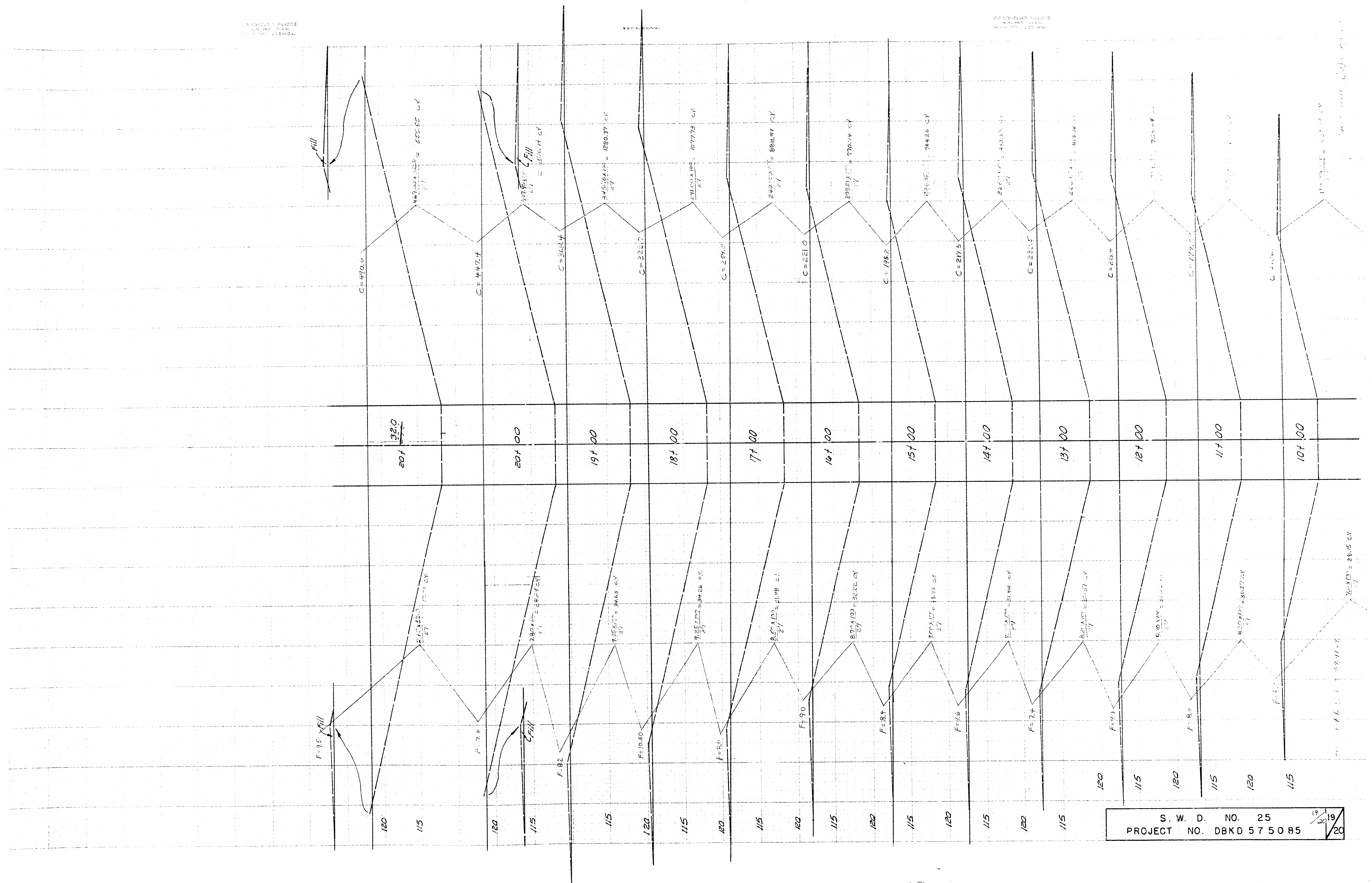
PLAN
 SCALE: 1"=1'-0"
 REIN. STEEL TO BE PLACED ON "C" CURBS
 OPENING WITH SMOOTH CURVES
 SHAPE CURB AND/OR GUTTER AT INLET

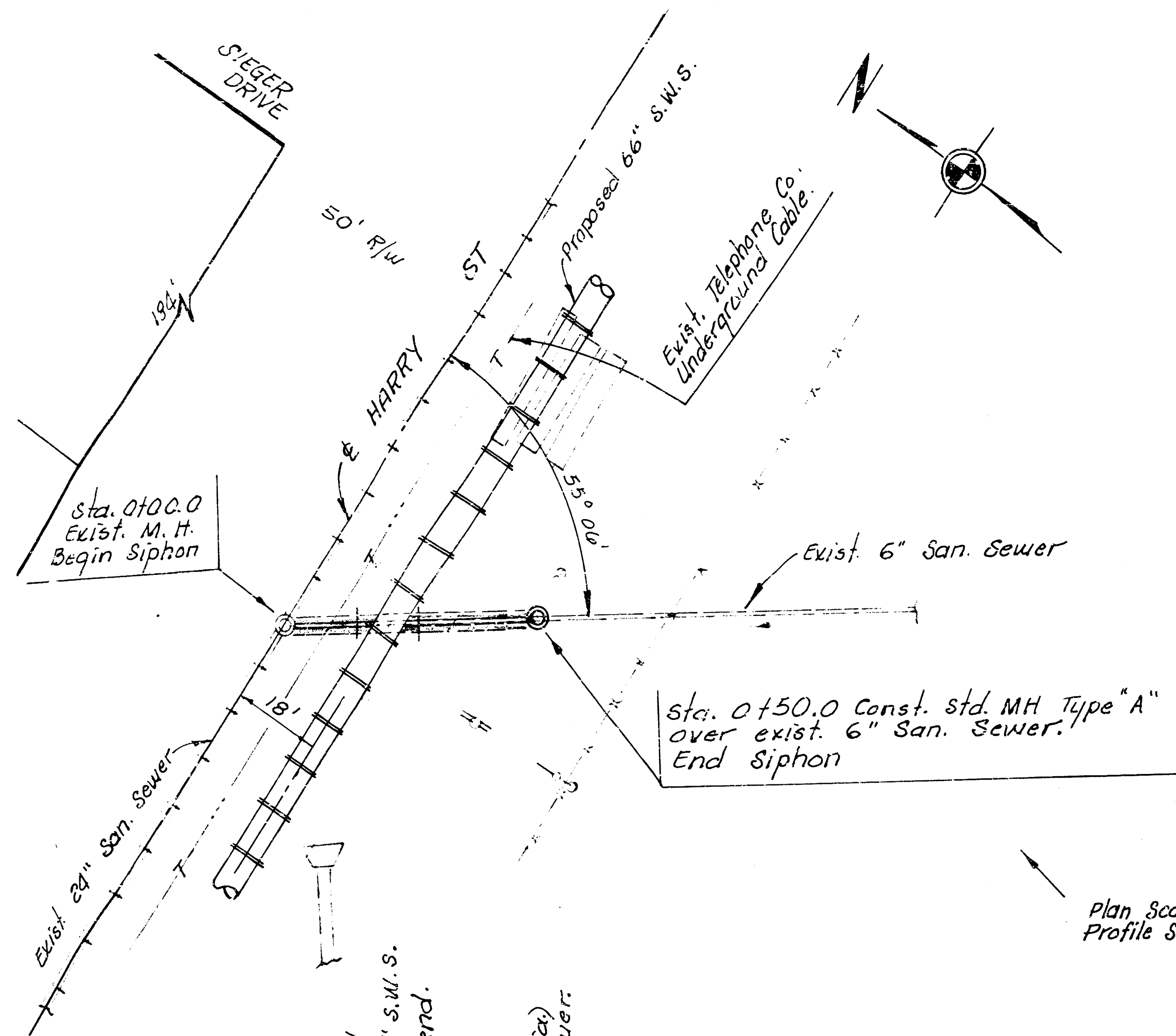
NOTE: A² BARS TO BE PLACED APPROXIMATELY "S" BELOW TOP OF INLET COVER

HEIGHT	W=3'-0"	W=4'-0"	W=5'-0"	W=6'-0"	W=7'-0"	W=8'-0"	W=9'-0"	W=10'-0"	W=11'-0"	W=12'-0"	W=13'-0"	W=14'-0"	W=15'-0"	W=16'-0"	W=17'-0"	W=18'-0"	W=19'-0"	W=20'-0"
BAR	A ¹	A ²	A ³	A ⁴	A ⁵	A ⁶	A ⁷	A ⁸	A ⁹	A ¹⁰	A ¹¹	A ¹²	A ¹³	A ¹⁴	A ¹⁵	A ¹⁶	A ¹⁷	A ¹⁸



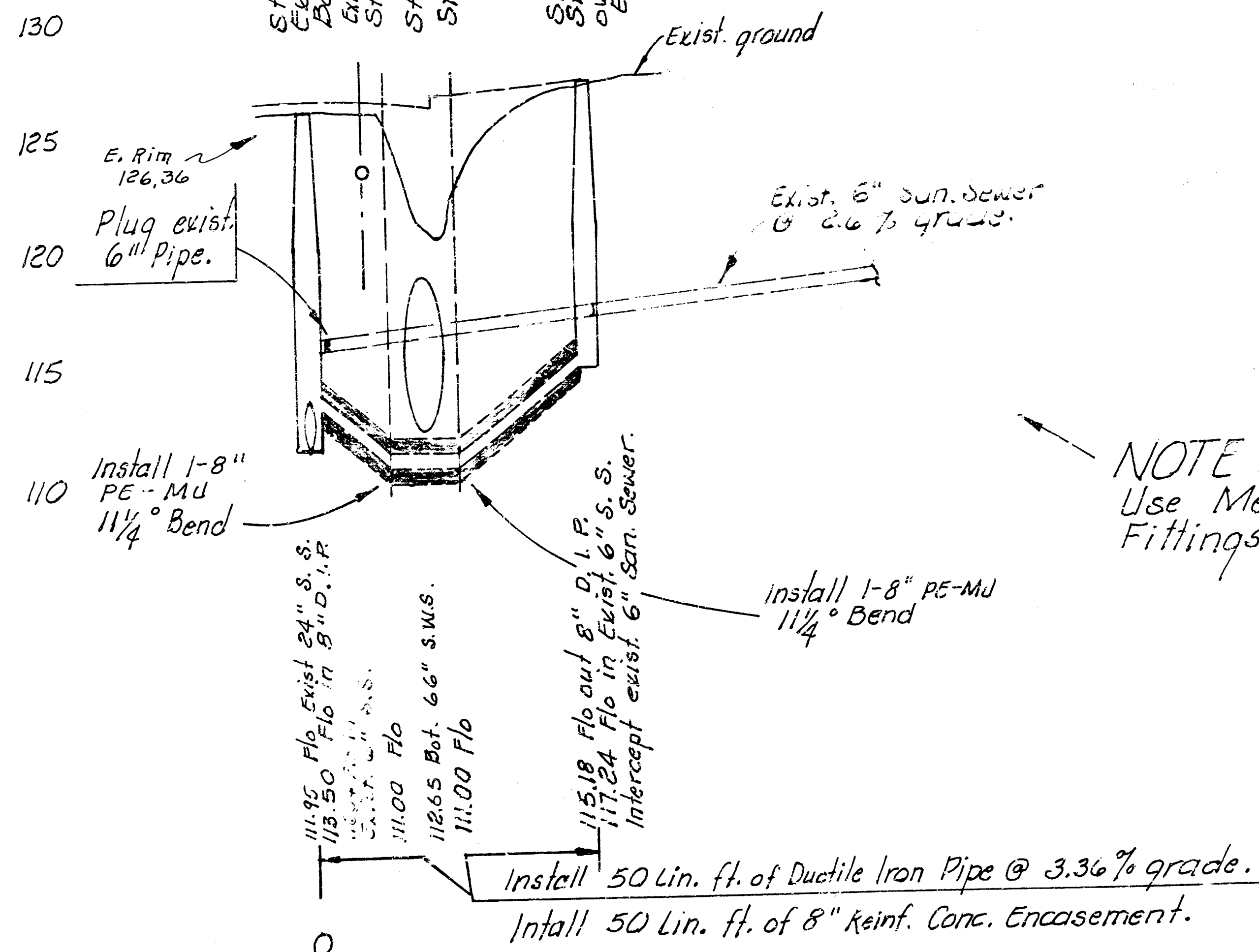
SECTION C-C
 SCALE: 1"=1'-0"
 BRICK FOR INLET CONSTRUCTION SHALL
 CONFORM WITH THE LATEST REVISION OF
 THE AMERICAN SOCIETY FOR TESTING AND
 MATERIALS DESIGNATION C-25 FOR MANHOLE
 BRICK GRADE M-2



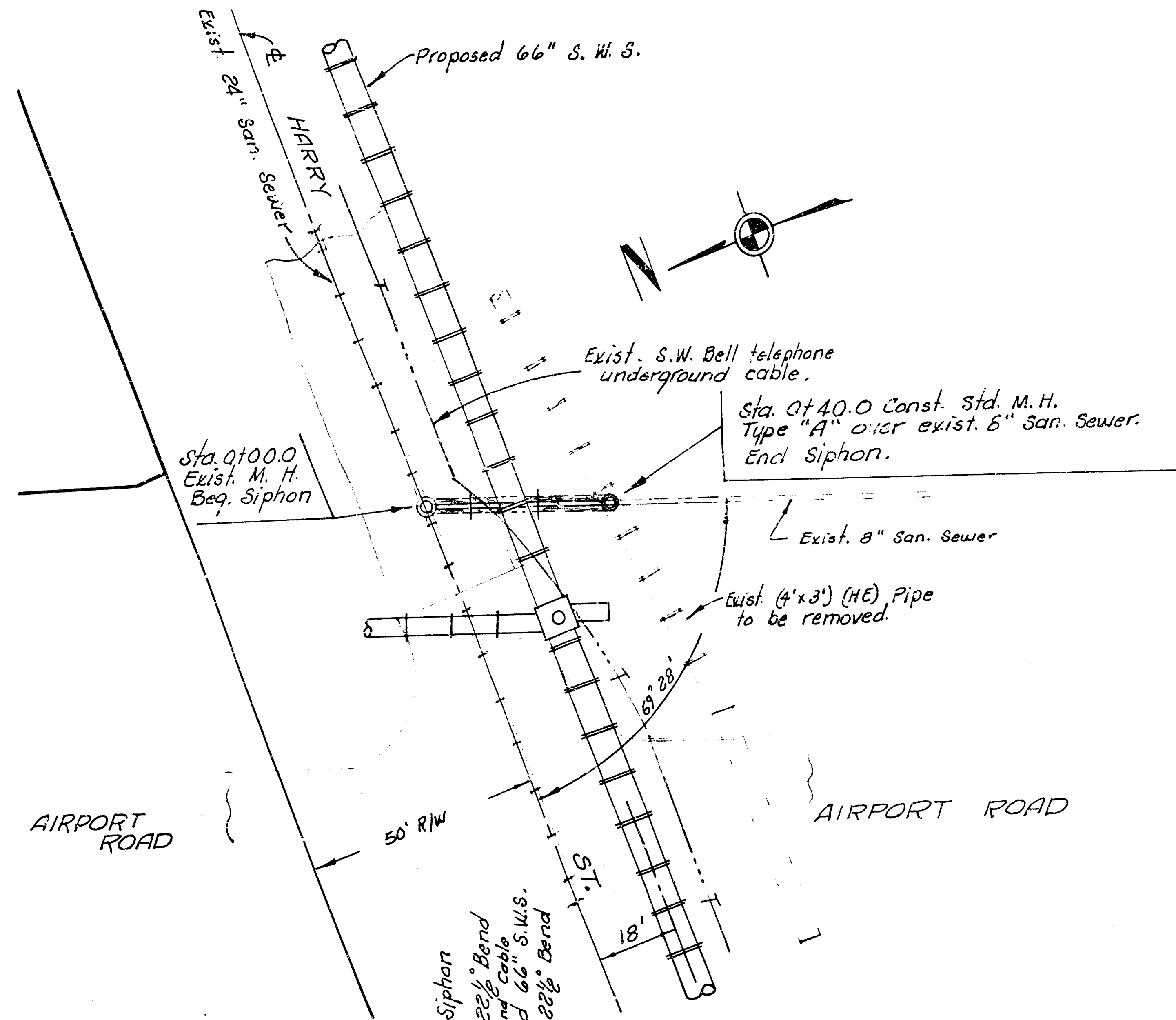


Plan Scale 1" = 20'
Profile Scale 1" = 20' Horiz.
1" = 5' Vert.

See Sheet No. 7



NOTE:
Use Mechanical Joint
Fittings on these siphons.



See Sheet No. 8

