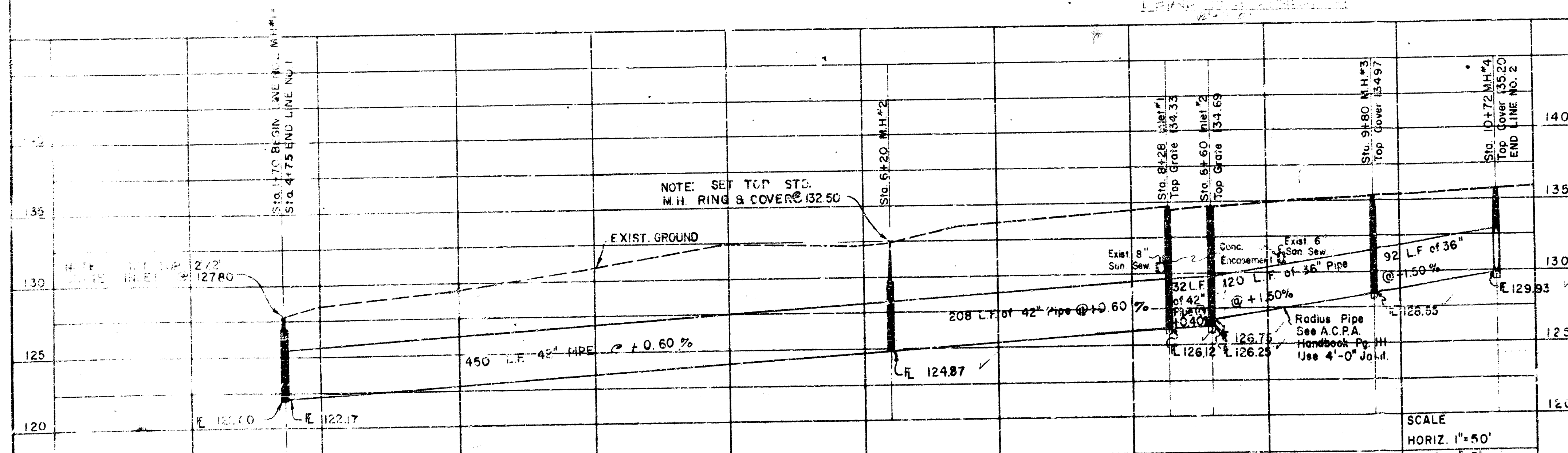
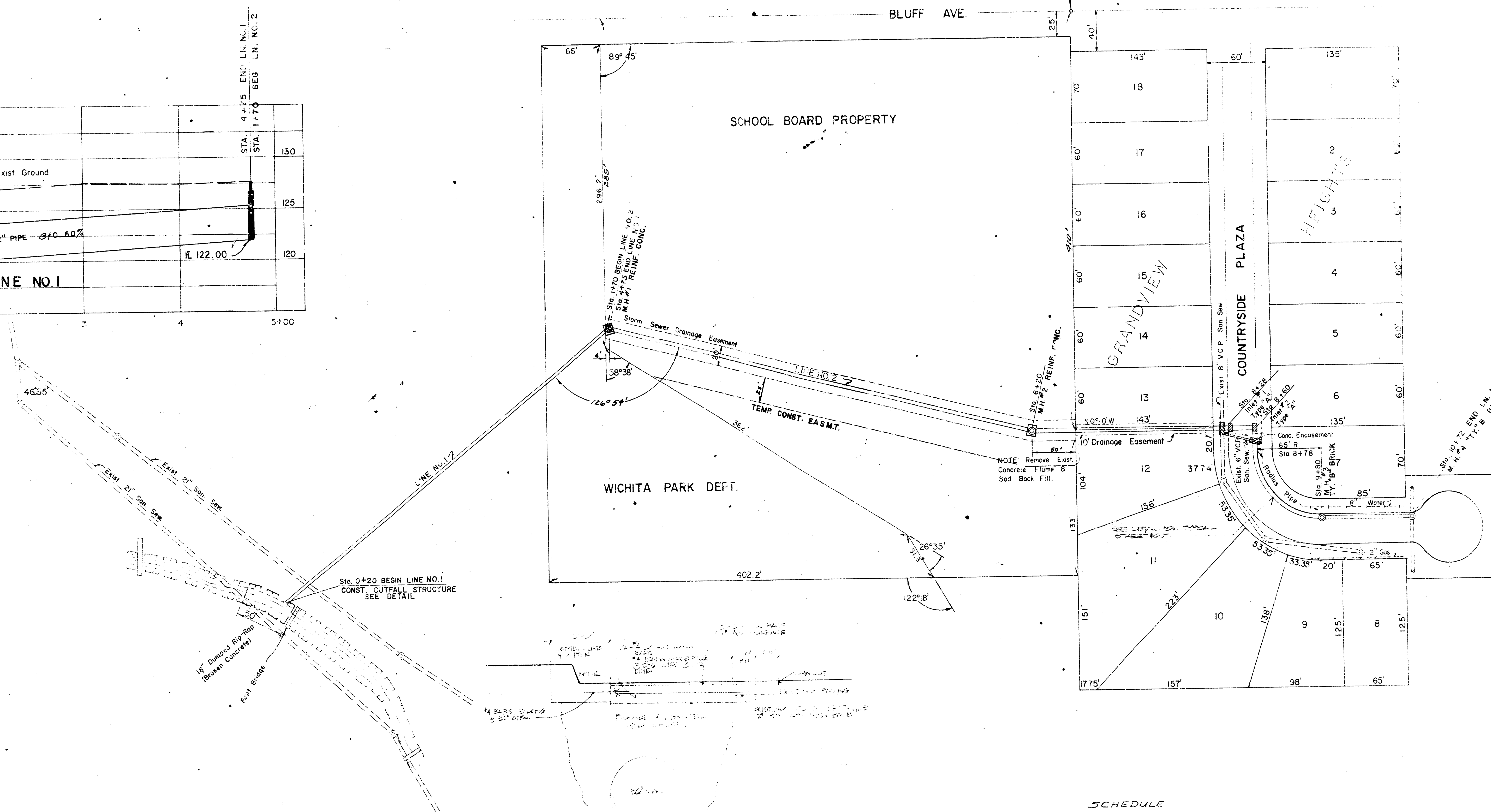
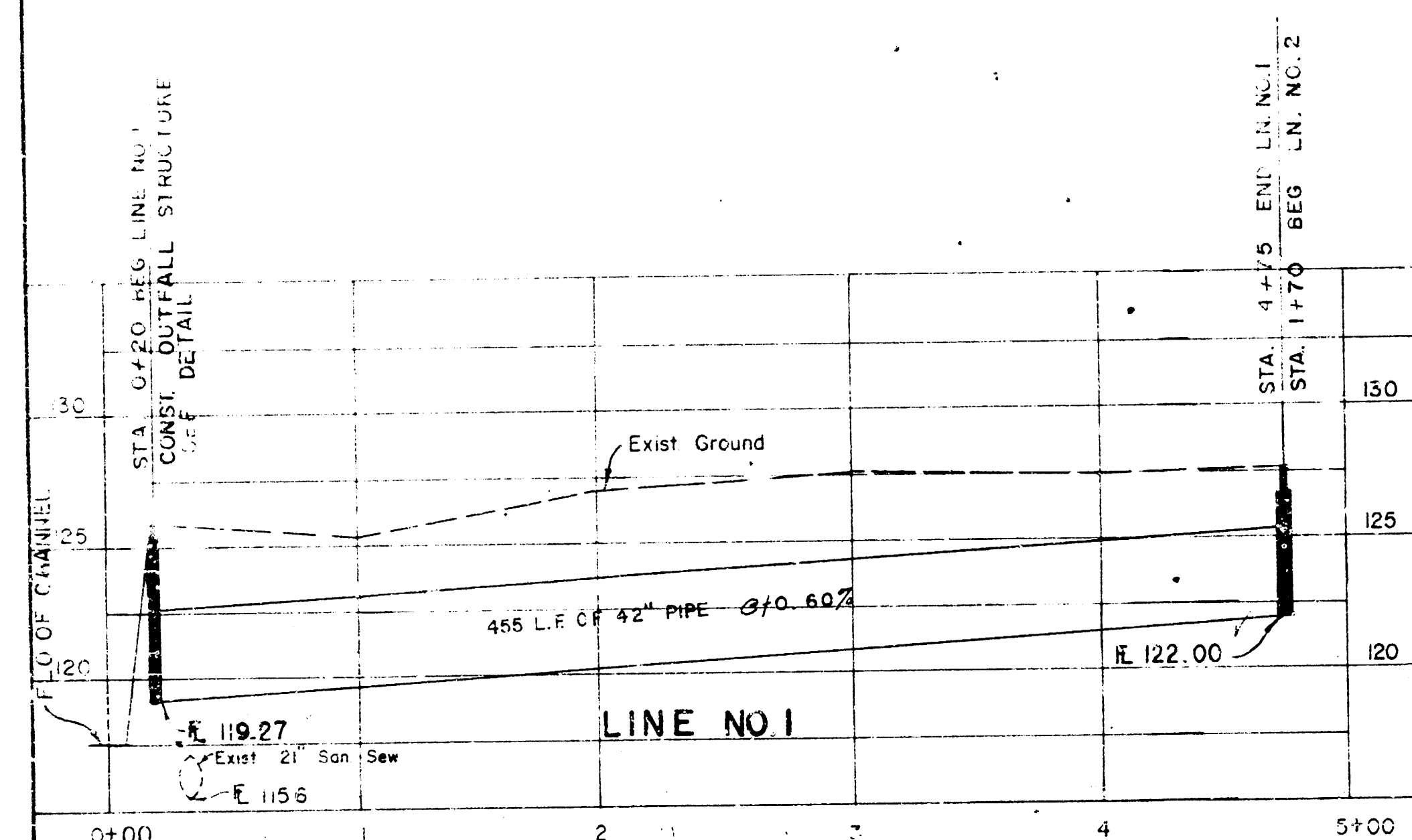


1. 120.51 "R" in Ritchie N. ab. Meadowlane 2' W. W.L. Bluff  
 2. 121.95.87 "R" in Ritchie S. ab. Funston W.L. Bluff  
 3. 121.42.45 "K" in King str. ab. N.S. Countryside Plaza & W.L. Bluff  
 4. 121.37.91 Top bolt N. end of Subguard of wooden bridge @ Bluff & Mt. Vernon

**NOTE TO CONTRACTOR**  
 Excess dirt from project is to be disposed of on school site. Contact Board of Education for location.

SCALE: 1" = 50'

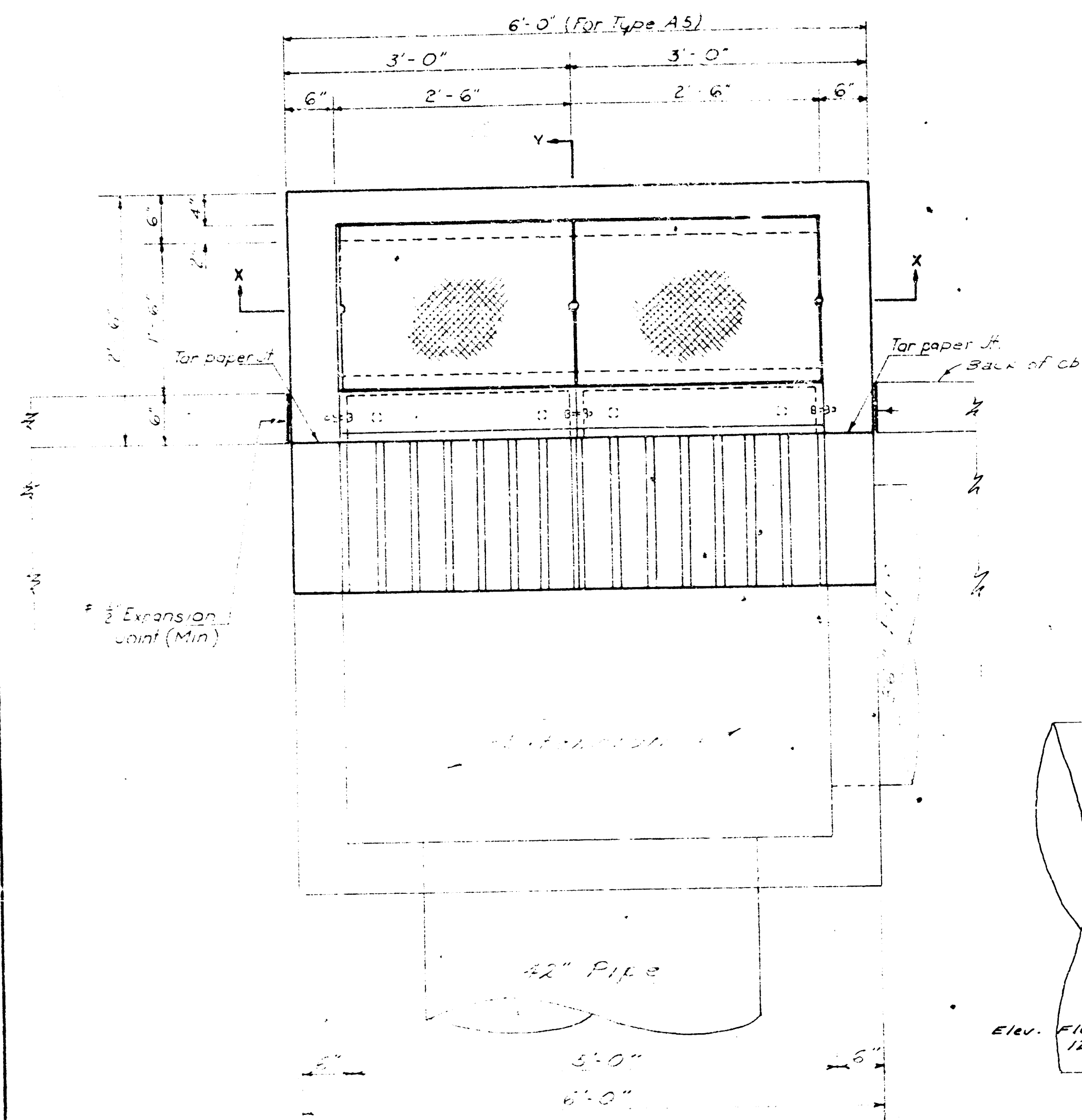


# **SCHEDULE**

Line #1  
 Outfall Structure  
 455 Lin. ft. 42" R.C.P.  
 Rip - Rep  
 Backfill & Flushing as reqd.

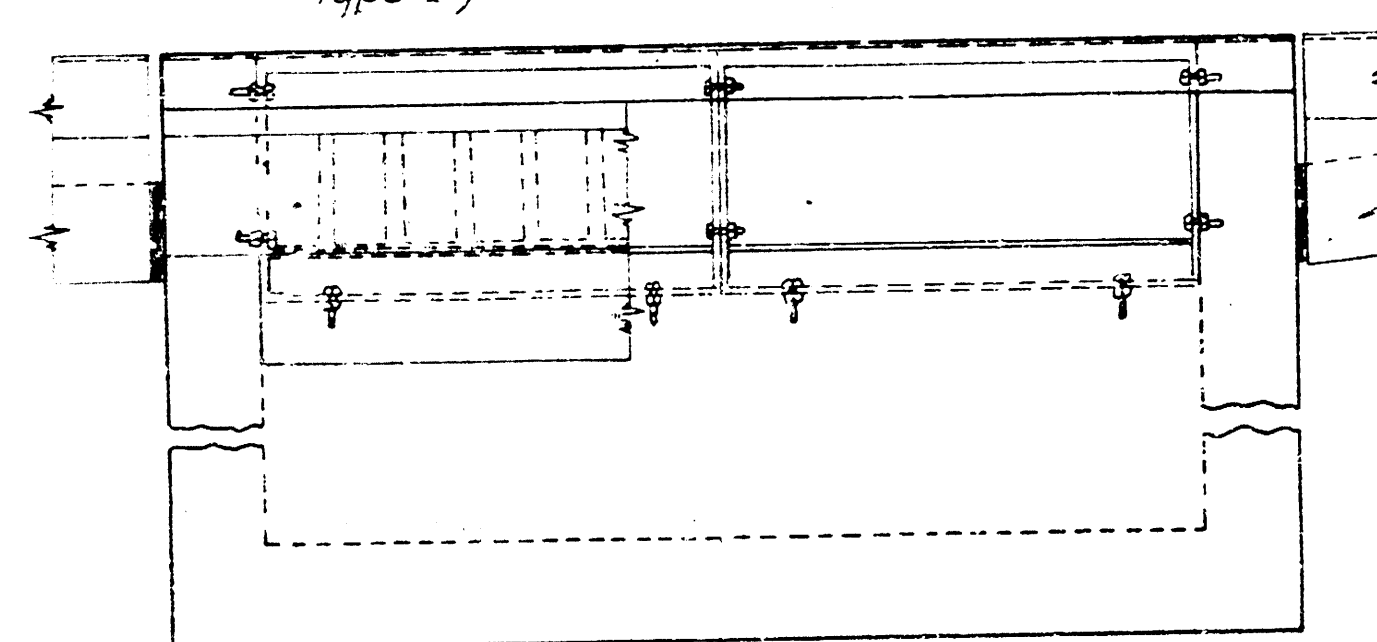
Line #2  
 2- Reinf. Conc. Manholes  
 2- TYPE "B" Brick Manholes  
 2- Reinf. Conc. Inlets  
 690 Lin. ft. 42" R.C.P.  
 212 Lin. ft. 36" R.C.P.  
 339 Sewer Encasement  
 Pavement Rem. & Rep. as Reqd.  
 Backfill & Flushing as Reqd.  
 Fence Rem. & Rep.

Note: All material, labor, extra work, removal, appurtenances etc. necessary to properly complete the project to be included in the lump sum bid of Lines #1 & 2



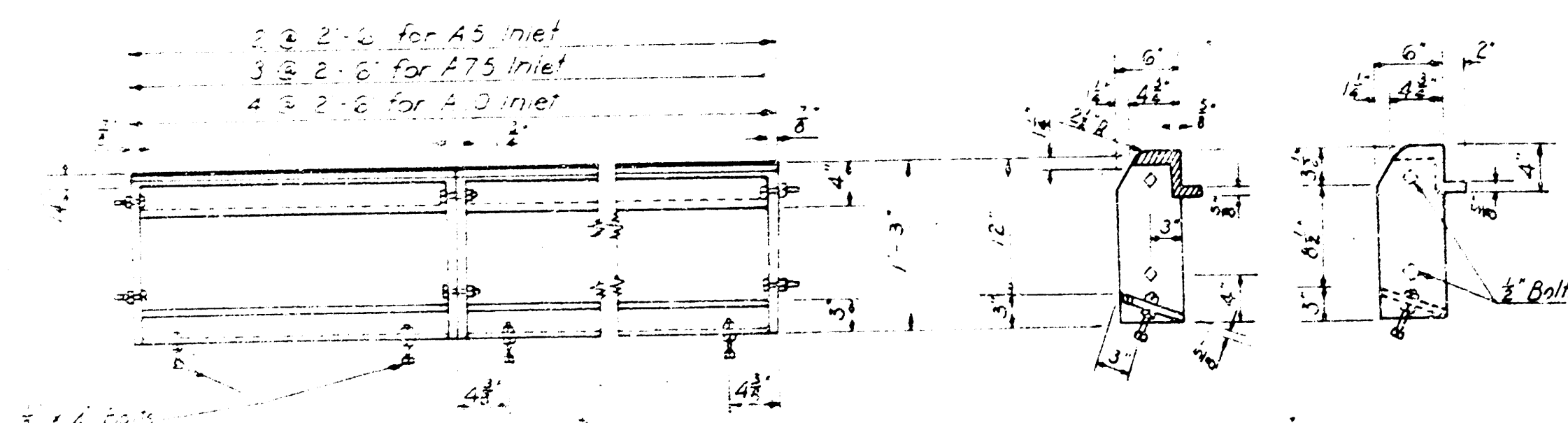
PLAN  
STA 8160 - LINE NO. 2  
Scale 1" = 1'-0"

\* Hot or Cold poured joint sealing compound, or  
Premoulded Exp. Jt. Filler (Limited Extrusion,  
Type B).



FRONT ELEVATION

NOTE: Use Class 'A' concrete thruout and bevel all exposed edges with  
a 3/4" triangular mauling.  
Reinforcing steel shall be bent around pipe.  
A test bar shall be cast on each casting. The specimen may be of  
any cross section that will provide a machined test bar 1/2" in diameter and  
6" in length and shall be cast away sufficiently from the body of the casting  
before annealing so that it can be easily removed, but it shall not be torn  
loosely detached. The heat number shall be stamped on each test specimen  
and on the body of the casting.  
No substitutions of design will be permitted on castings  
for reductions in concrete quantities shall be made for  
pipe openings.

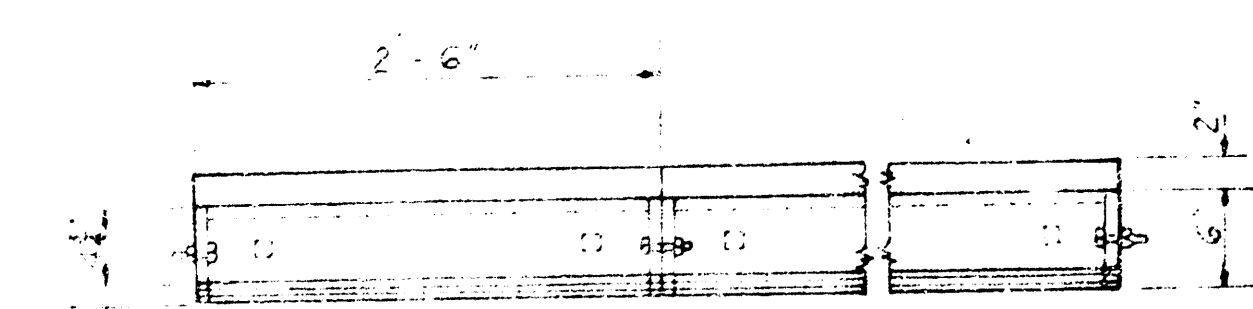


ELEVATION

Types A5-1, A75-1 & A10-1

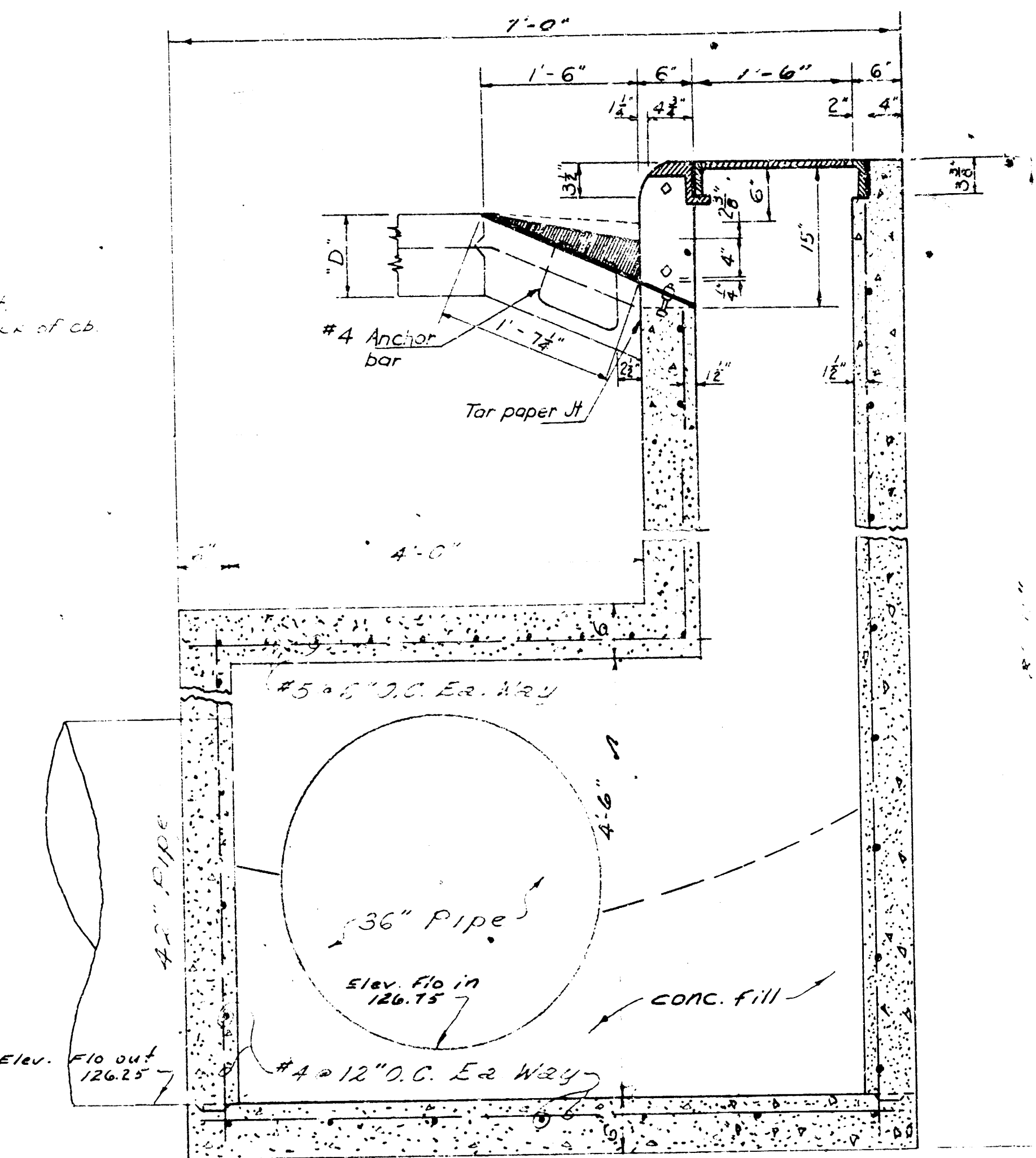
SECTION  
Types A5-1, A75-1 & A10-1

NOTE: All bolts and nuts  
shall be galvanized

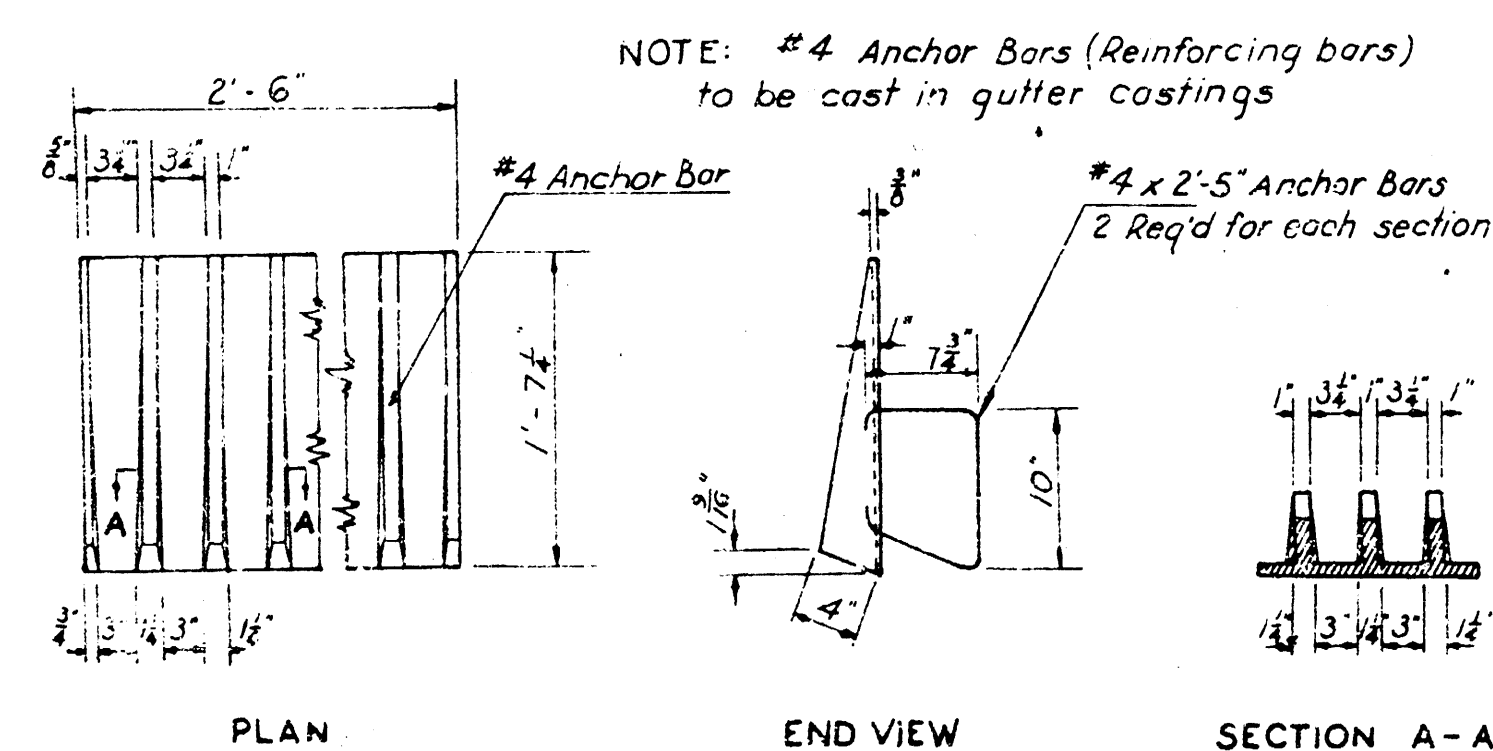


PLAN

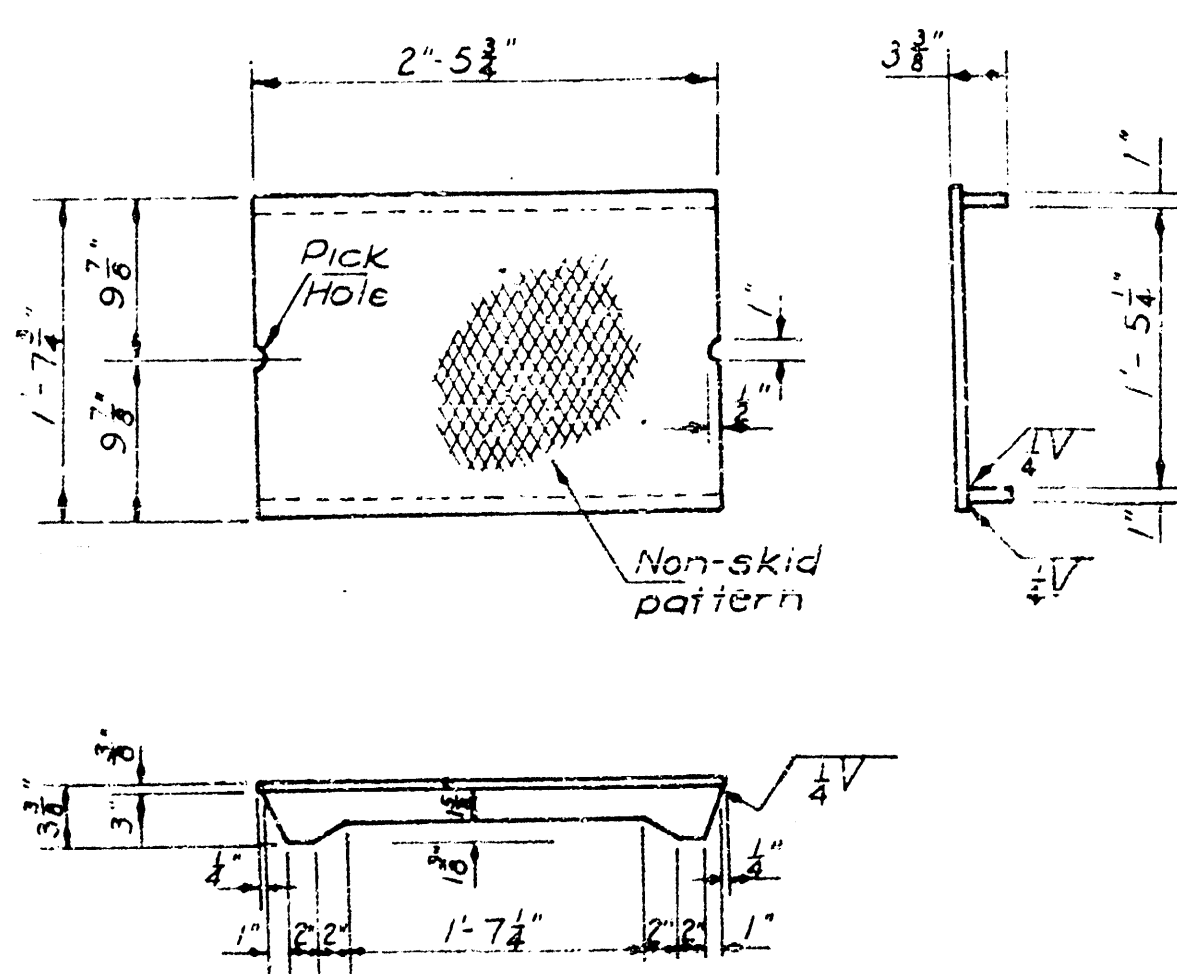
Types A5-1, A75-1 & A10-1  
Weight 129 lbs per 2'-6" section



SECTION  
STA 8160 - LINE NO. 2  
Scale 1" = 1'-0"

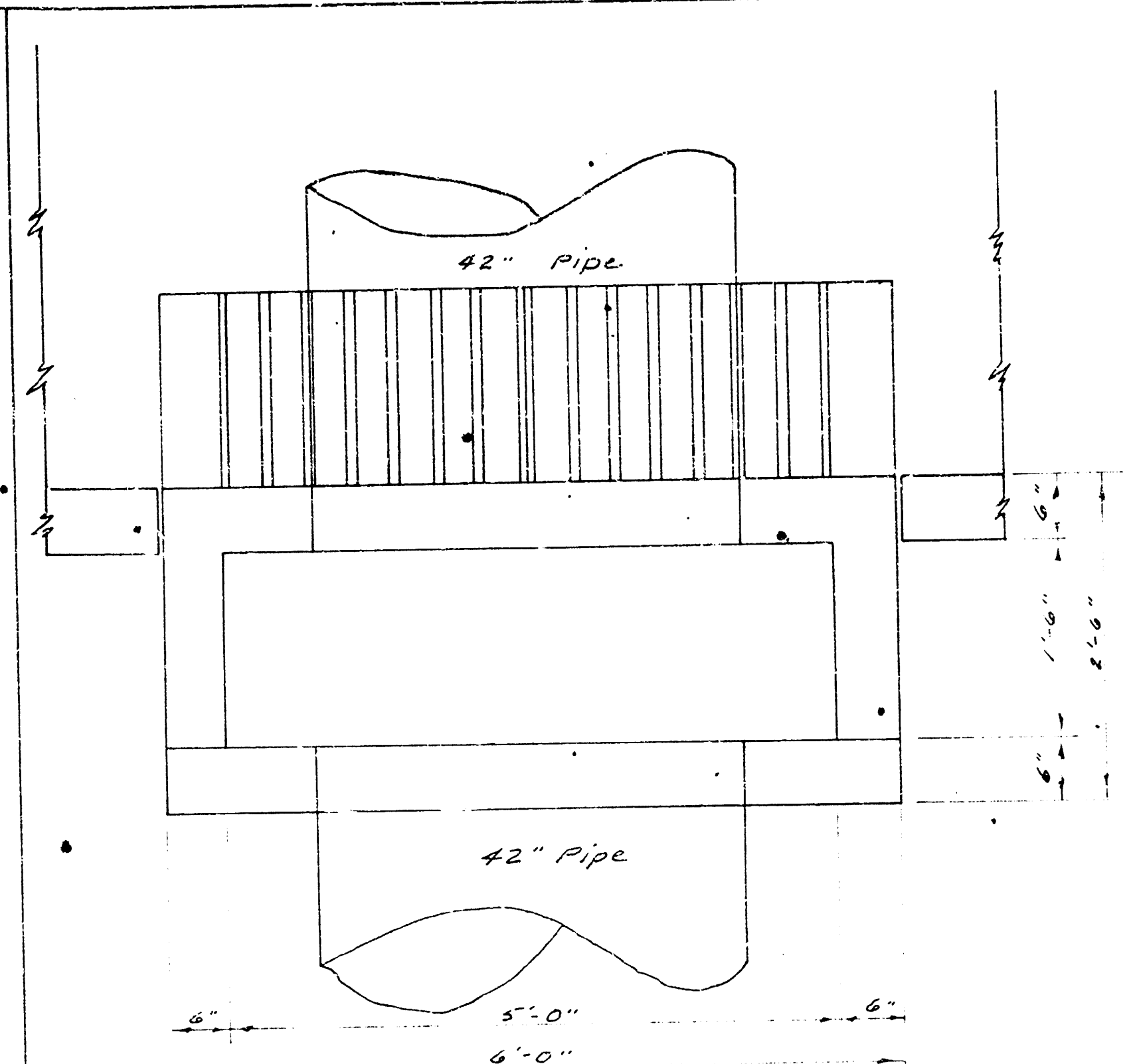


DETAILS OF GUTTER CASTING (IRON)

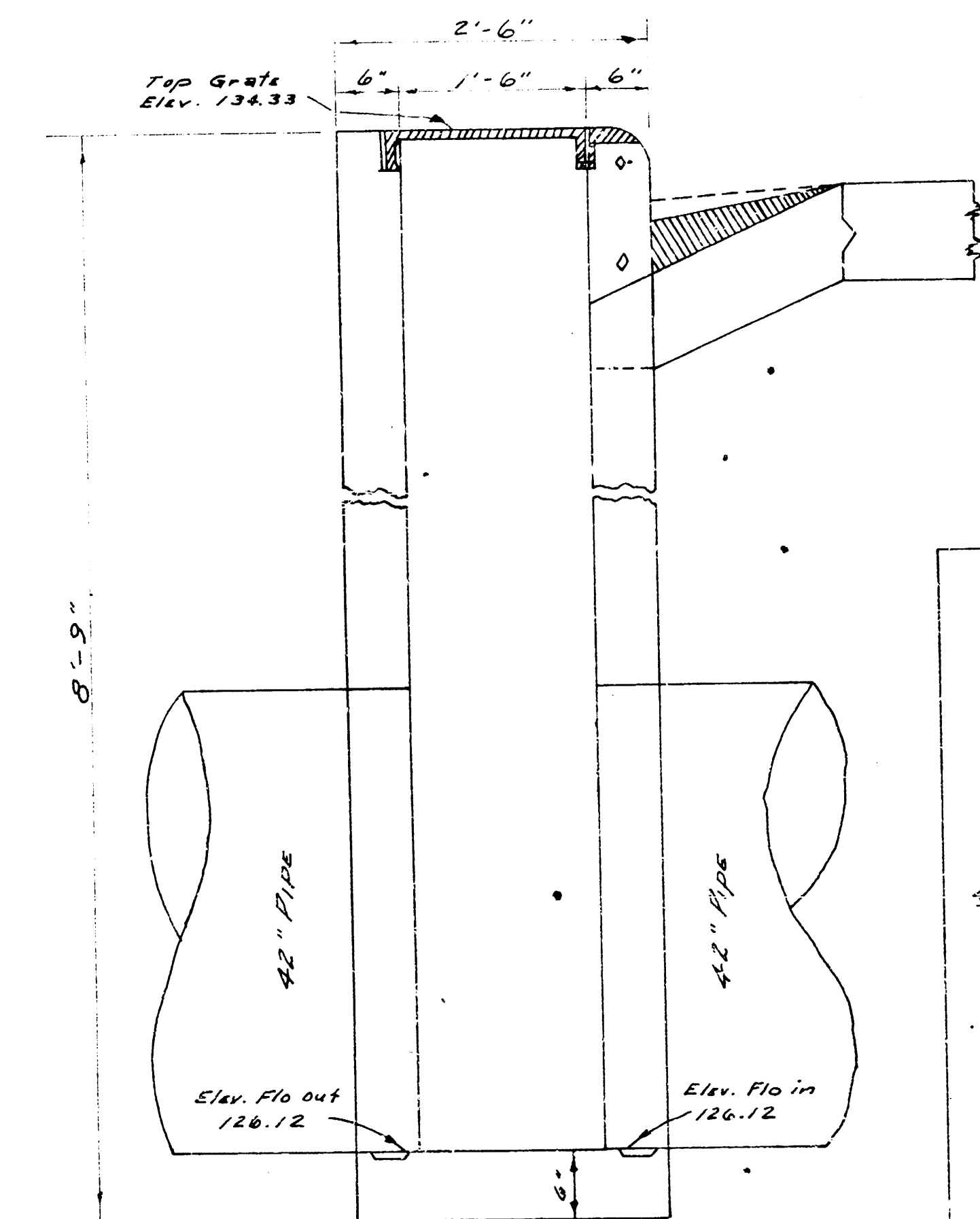


COVER  
Structural Steel Plate  
Weight 100# Each  
Cover plate shall be painted in  
accordance with the std. specs.

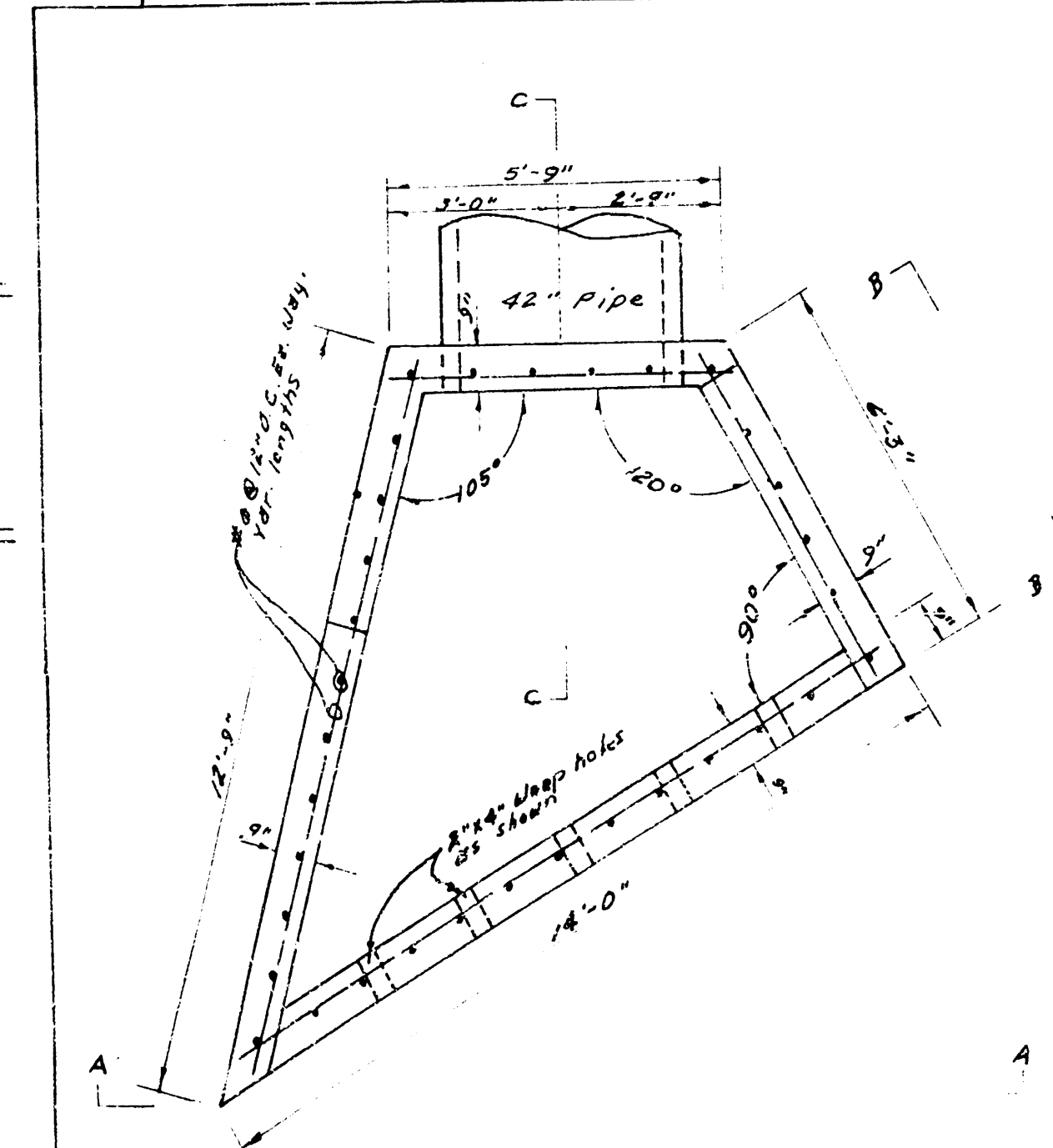
TYPE 'A' CURB INLET



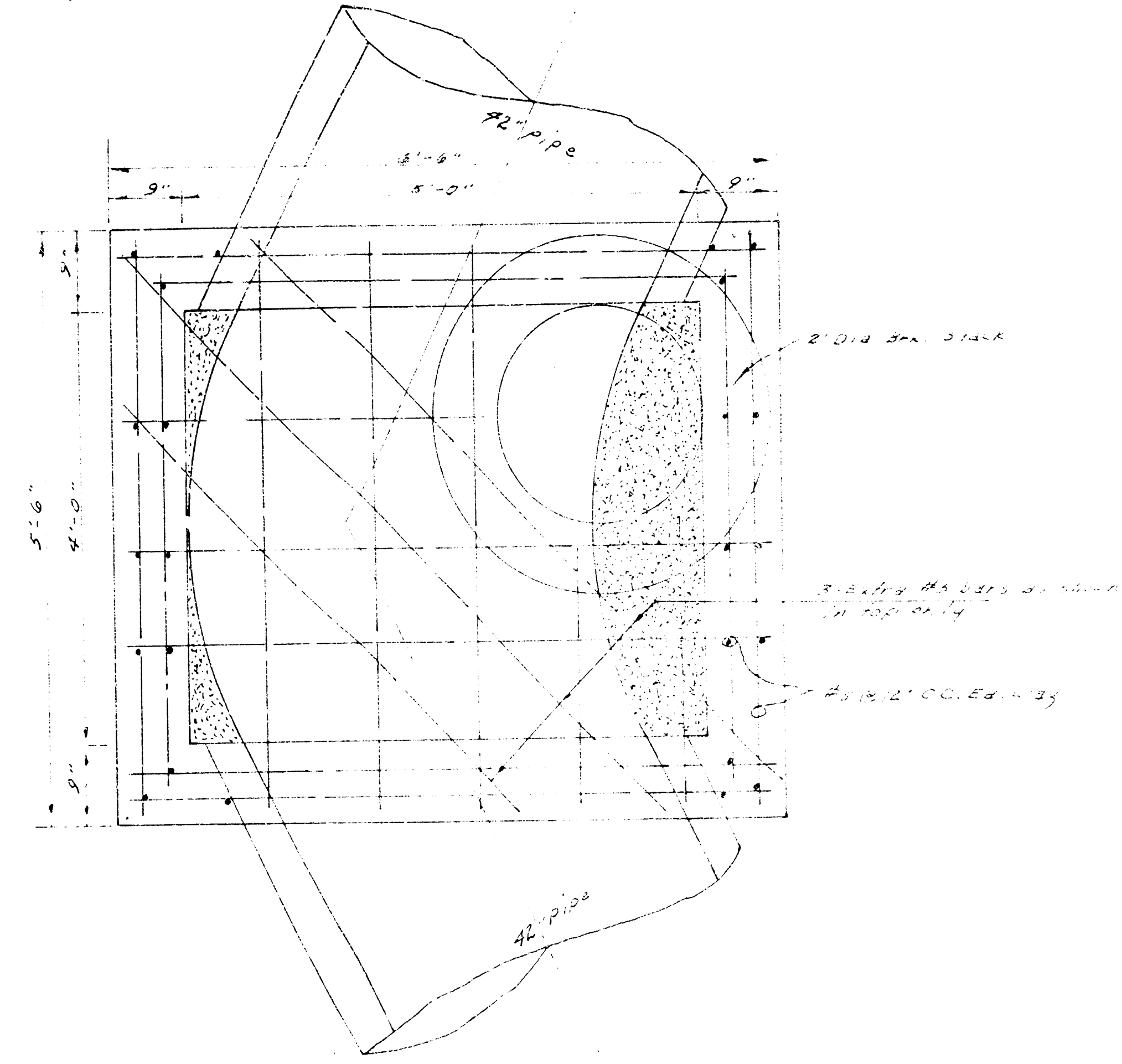
PLAN  
STA 8128 - LINE NO. 2  
NOTE: SEE STA. 8160 FOR STEEL DETAIL ETC.  
Scale 1" = 1'-0"



SECTION  
STA 8128 - LINE NO. 2  
Scale 1" = 1'-0"

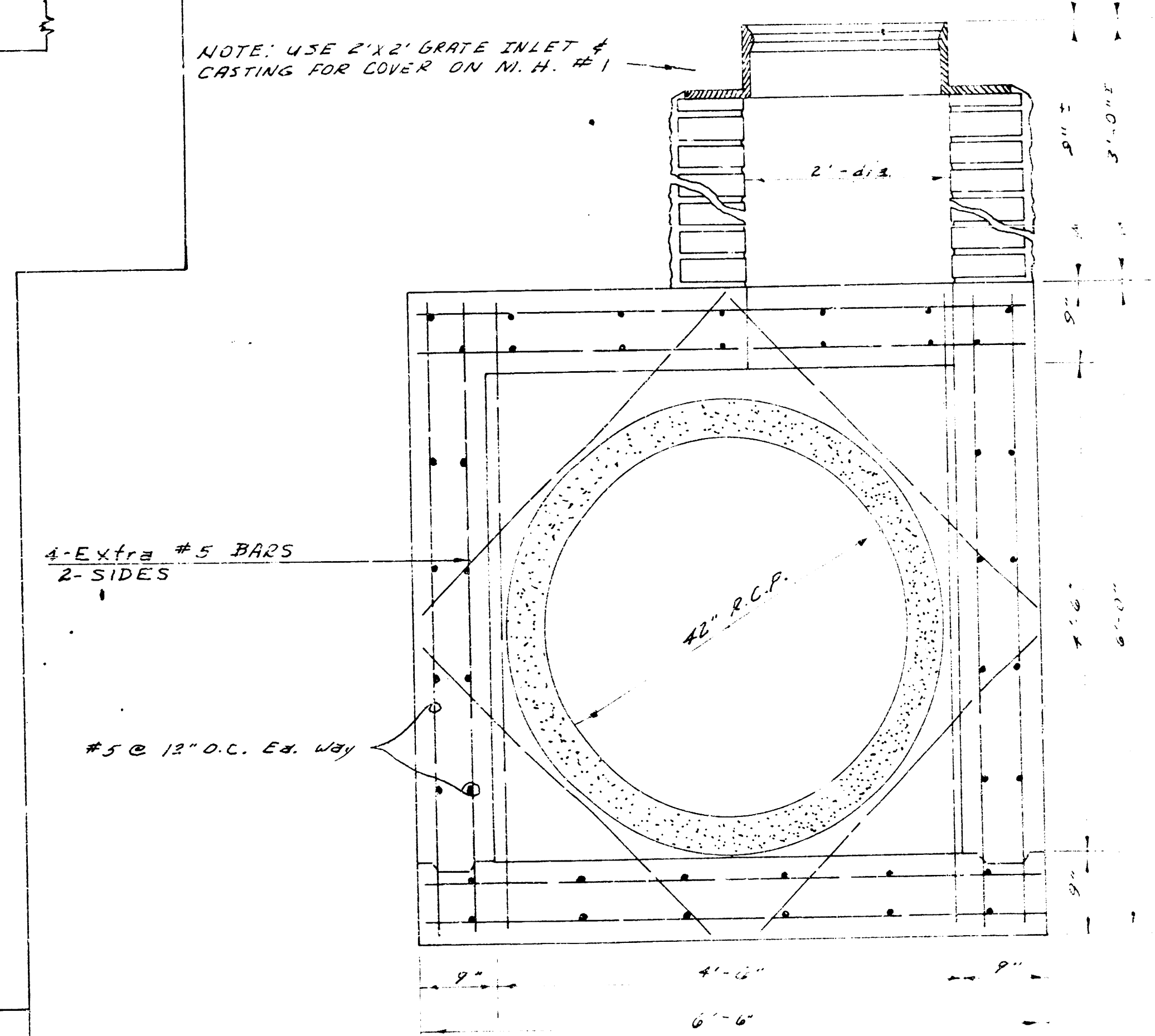


PLAN  
OUTLET STRUCTURE STA. 0120  
Scale 3/8" = 1'-0"

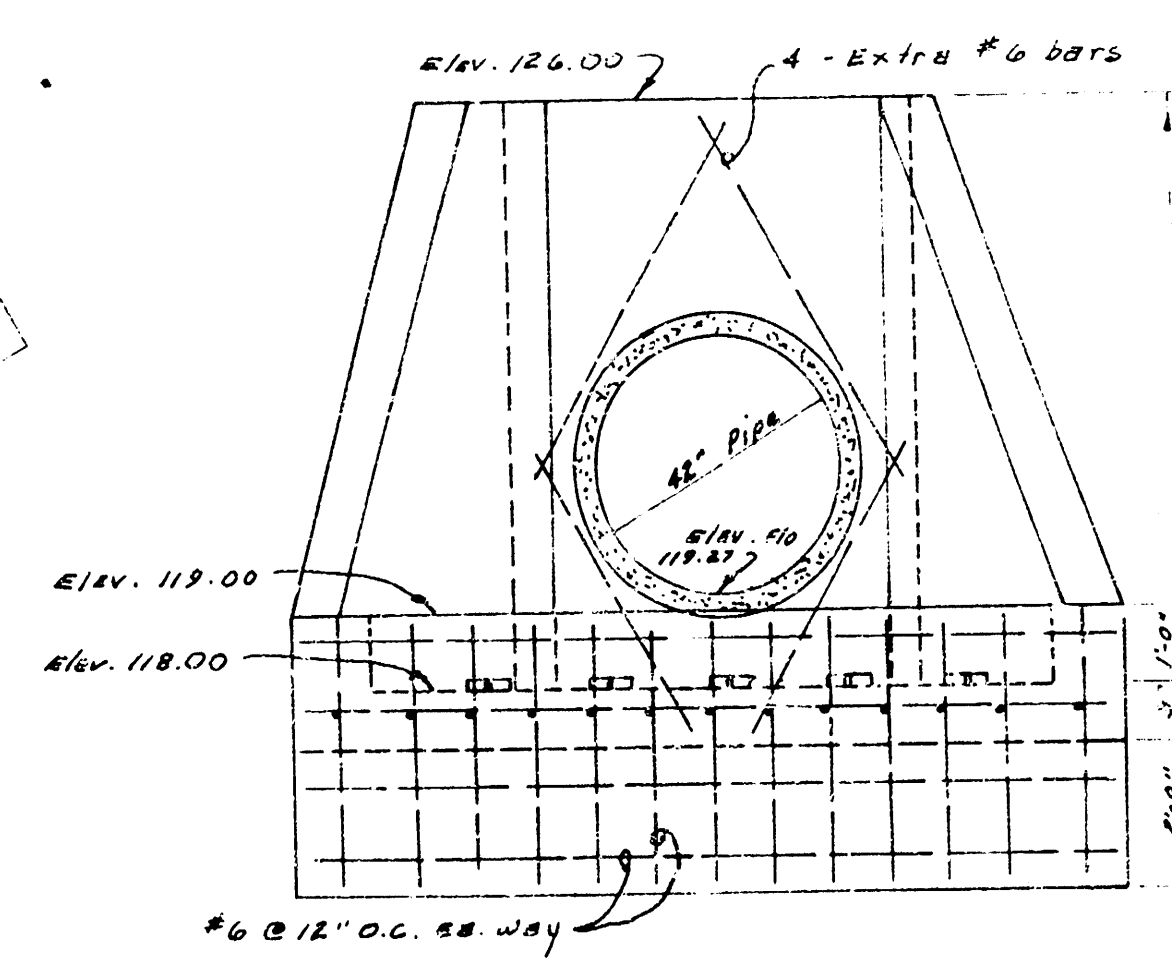


PLAN  
REINF. CONC. M.H. DETAIL M.H. #1 & 2  
Scale 1" = 1'-0"

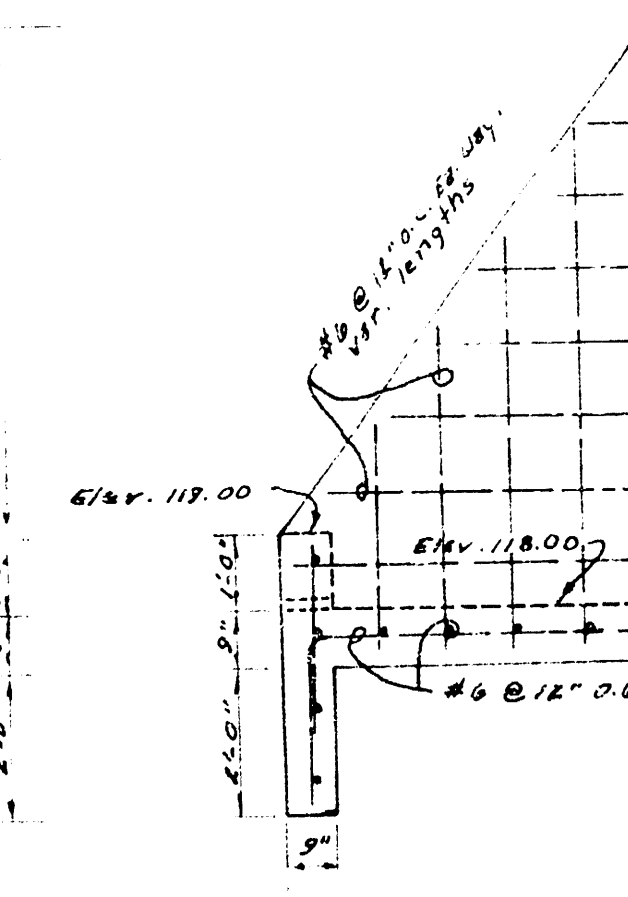
NOTE: USE 2'-2" GATE INLET &  
CRATING FOR COVER ON M.H. #1



SECTION  
REINF. CONC. M.H. DETAIL M.H. #1 & 2  
Scale 1" = 1'-0"



SECTION "AA"  
Scale 3/8" = 1'-0"



SECTION "BB"  
Scale 3/8" = 1'-0"

STORM WATER SEWER NO. 90  
CITY OF WICHITA, KANSAS  
B.E. SMITH, CITY ENGINEER  
PROJECT NO. C29-1  
DATE: SHEET 2 OF 2