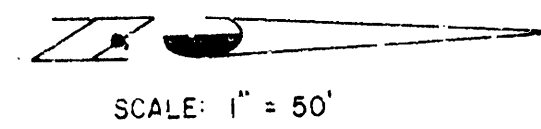
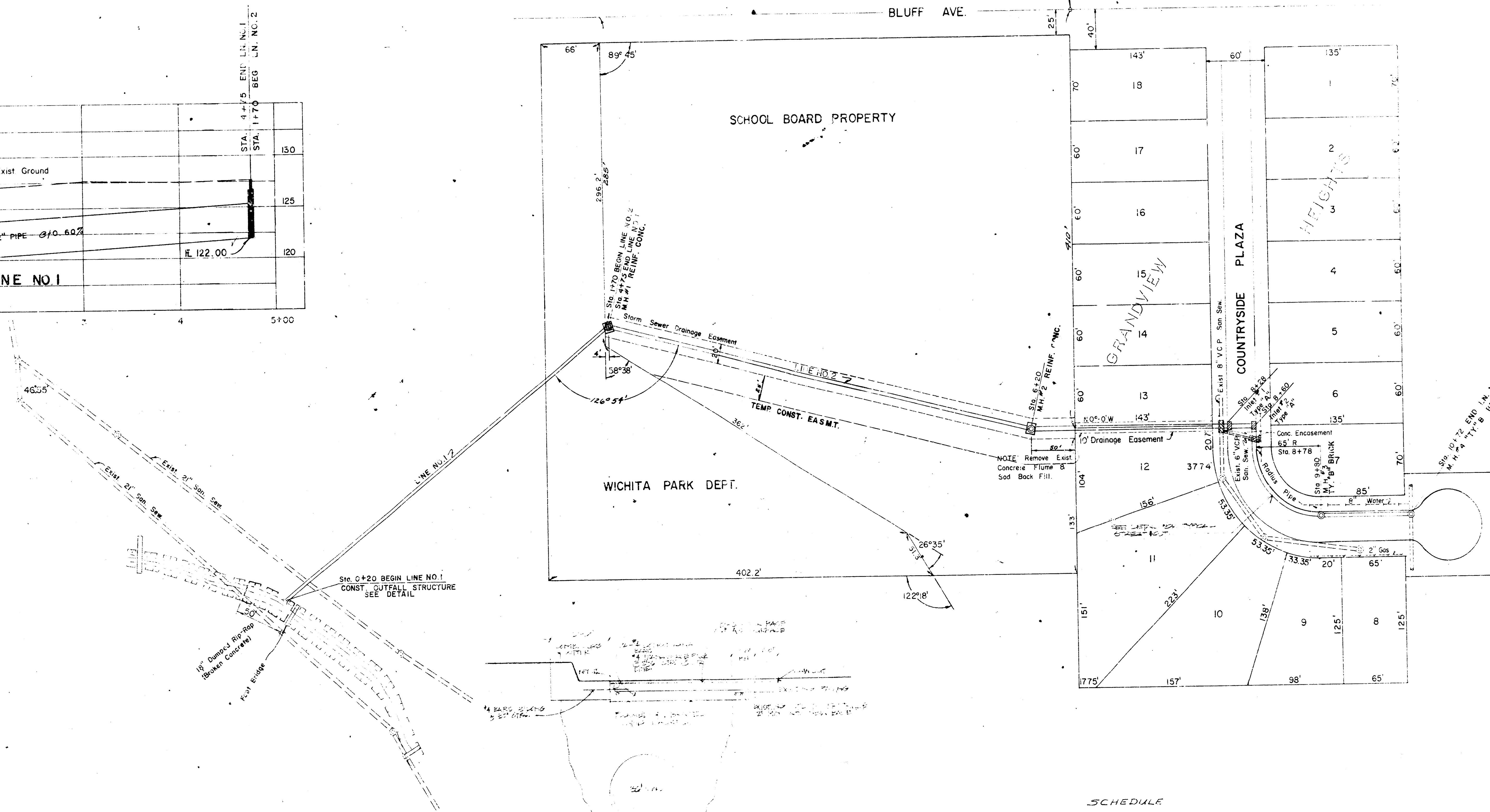
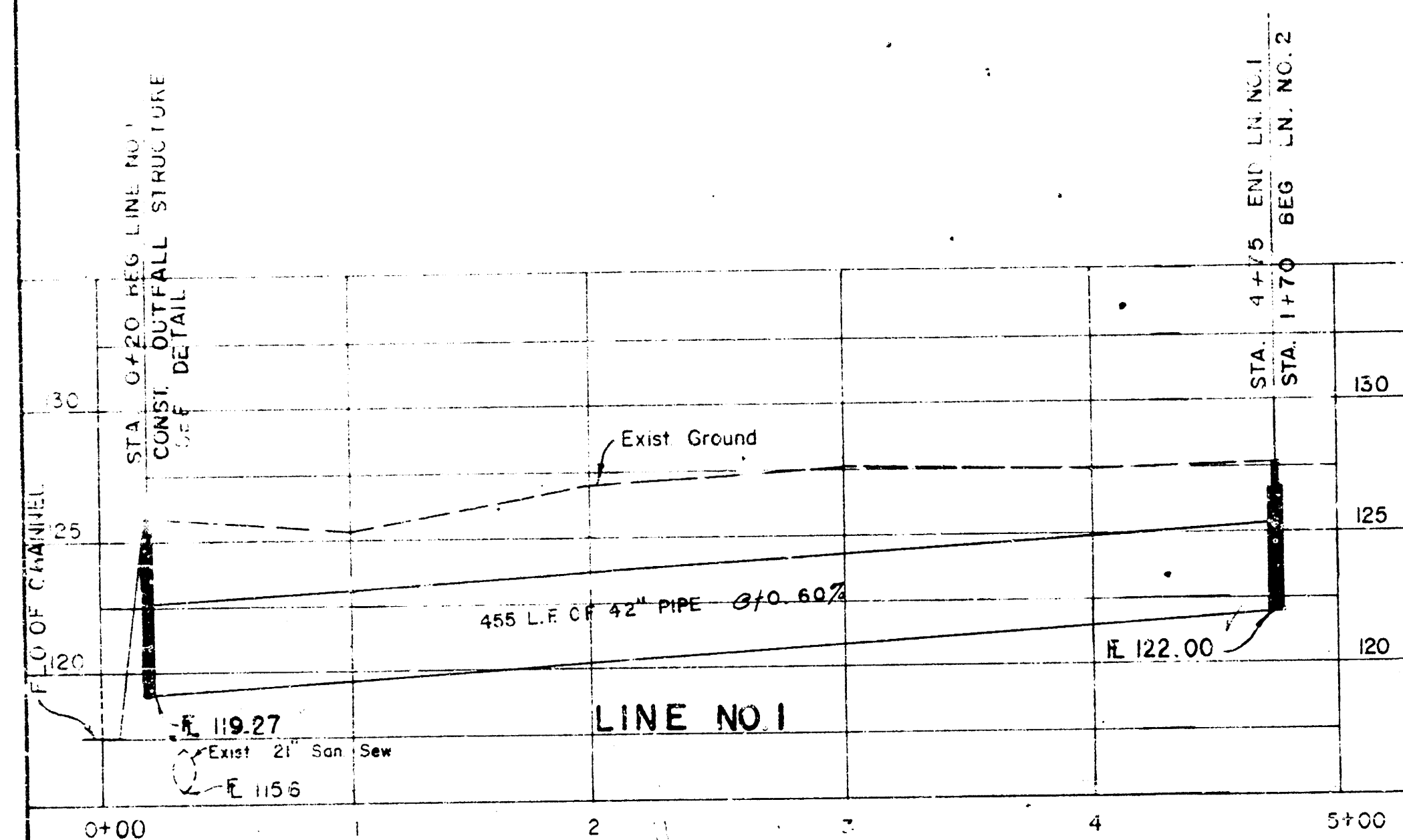


1. 120.51 "R" in Ritchie N. ab. Meadowlane 2' W. W.L. Bluff
 2. 121.95.87 "R" in Ritchie S. ab. Funston W.L. Bluff
 3. 121.42.45 "K" in King str. ab. N.S. Countryside Plaza & W.L. Bluff
 4. 121.37.91 Top bolt N. end of Subguard of wooden bridge @ Bluff & Mt. Vernon

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



SCALE: 1" = 50'

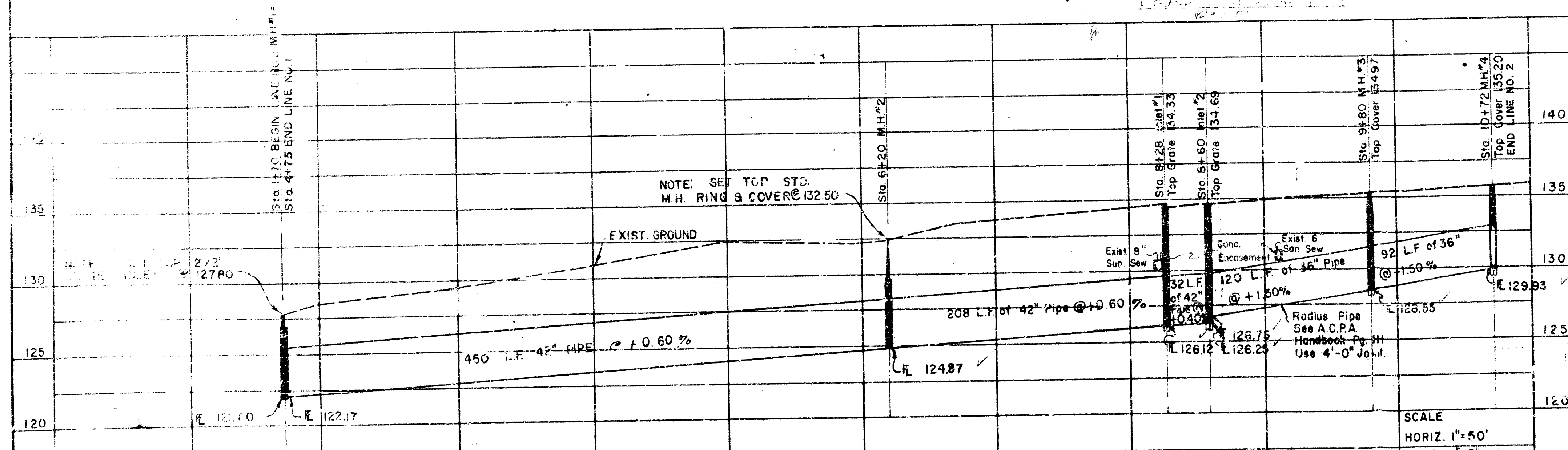


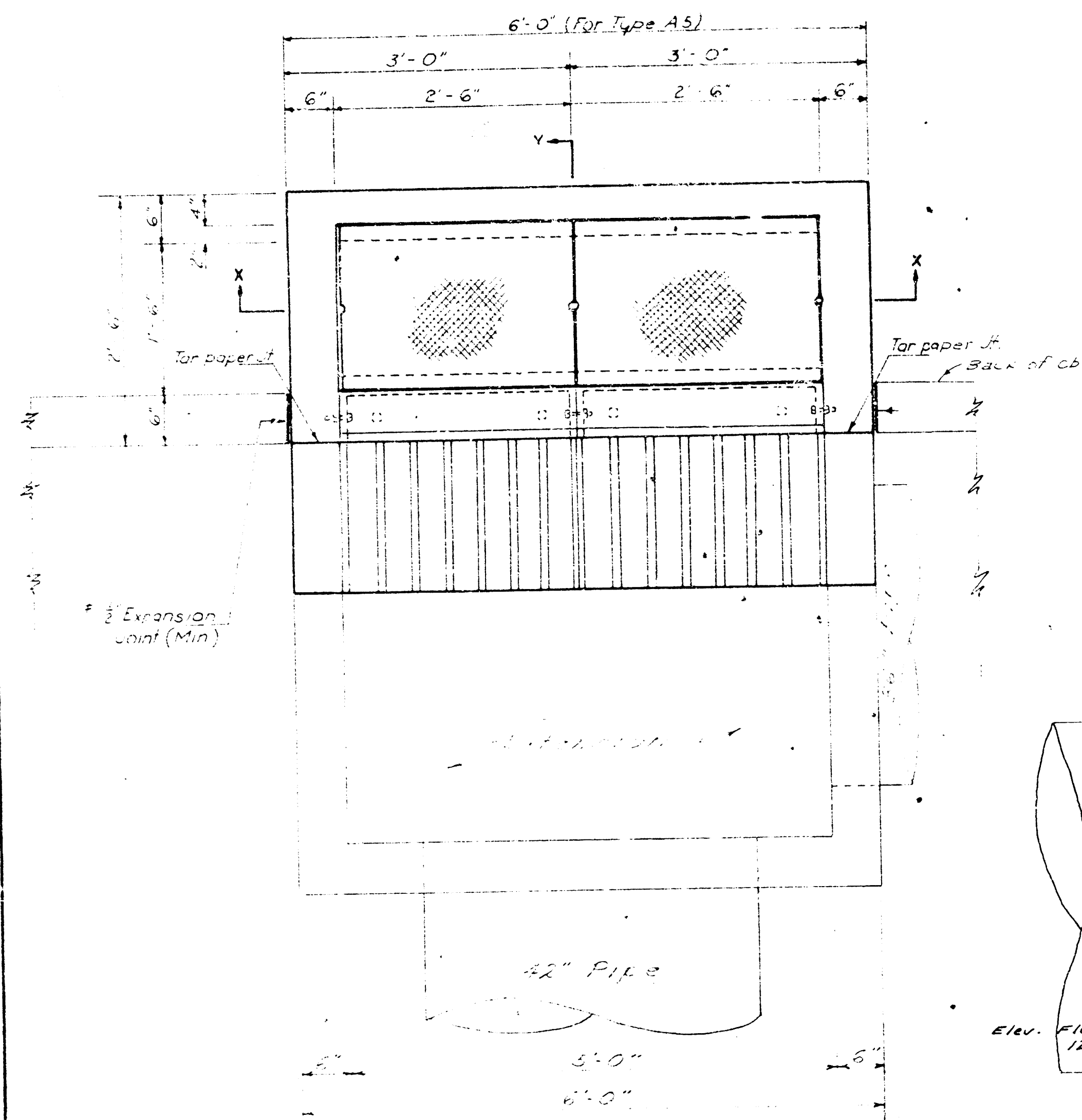
SCHEDULE

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.
 Sign. Sewer Encasement
 Pavement Rem. & Rep. as Reqd.
 Backfill & Flushing as Reqd.
 Fence Rem. & Rep.

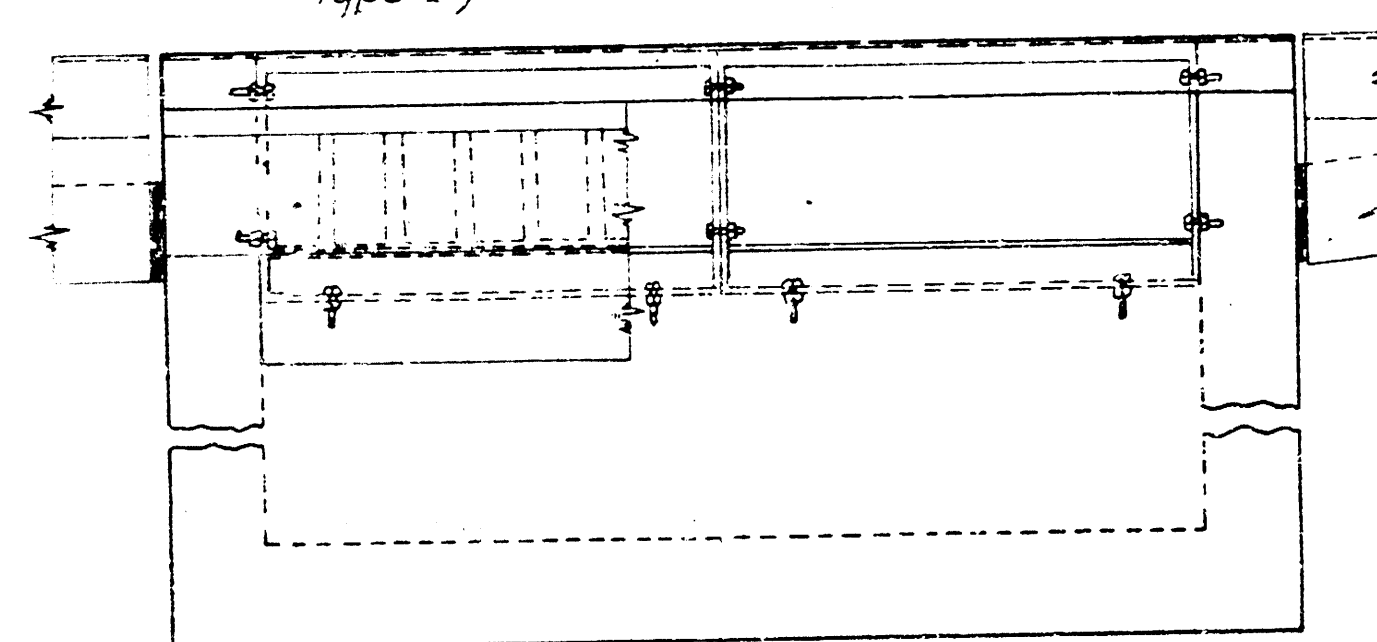
Note: All material, labor, extra work, removal, appurtenances etc. necessary to properly complete the project to be included in the lump sum bid of Lines #1 & 2





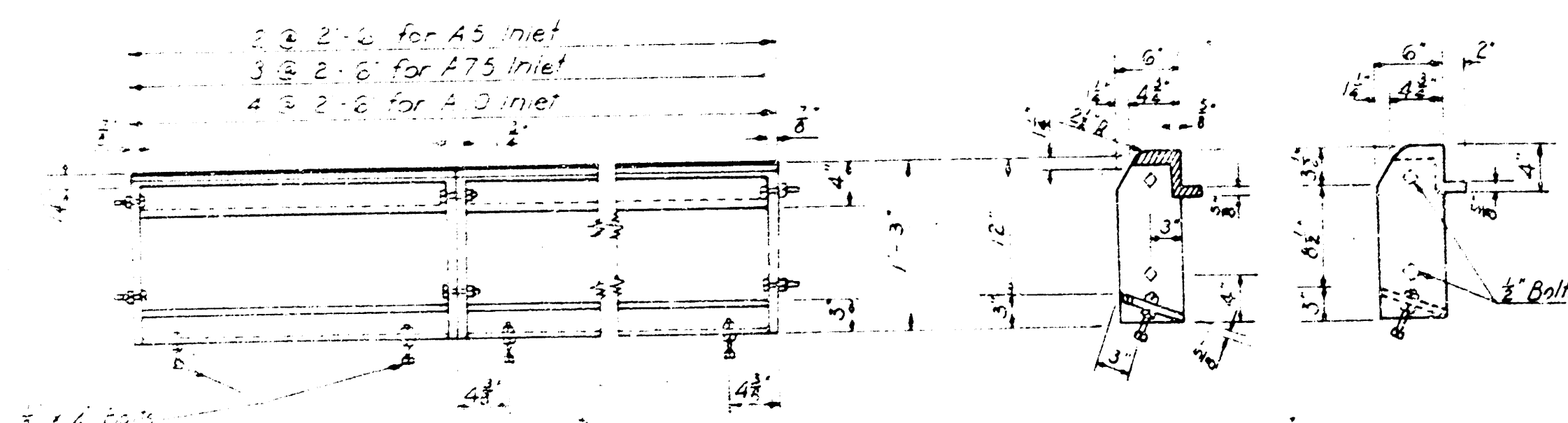
PLAN
STA 8160 - LINE NO. 2
Scale 1" = 1'-0"

* 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 moulding.
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.

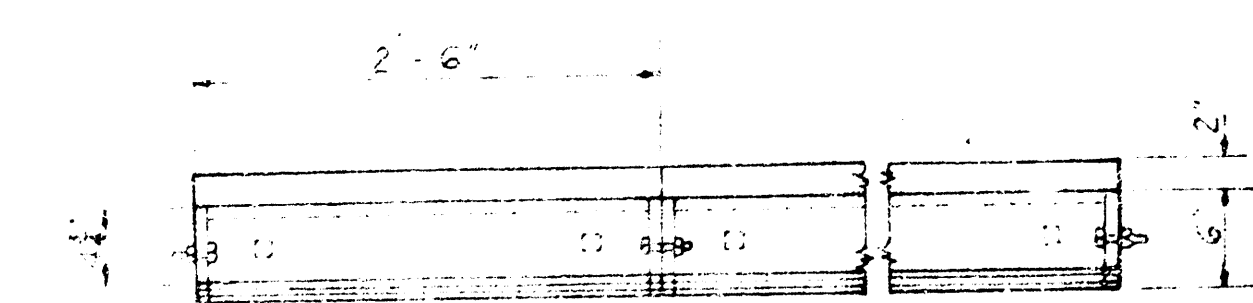


ELEVATION

TYPES A5-1, A75-1 & A10-1

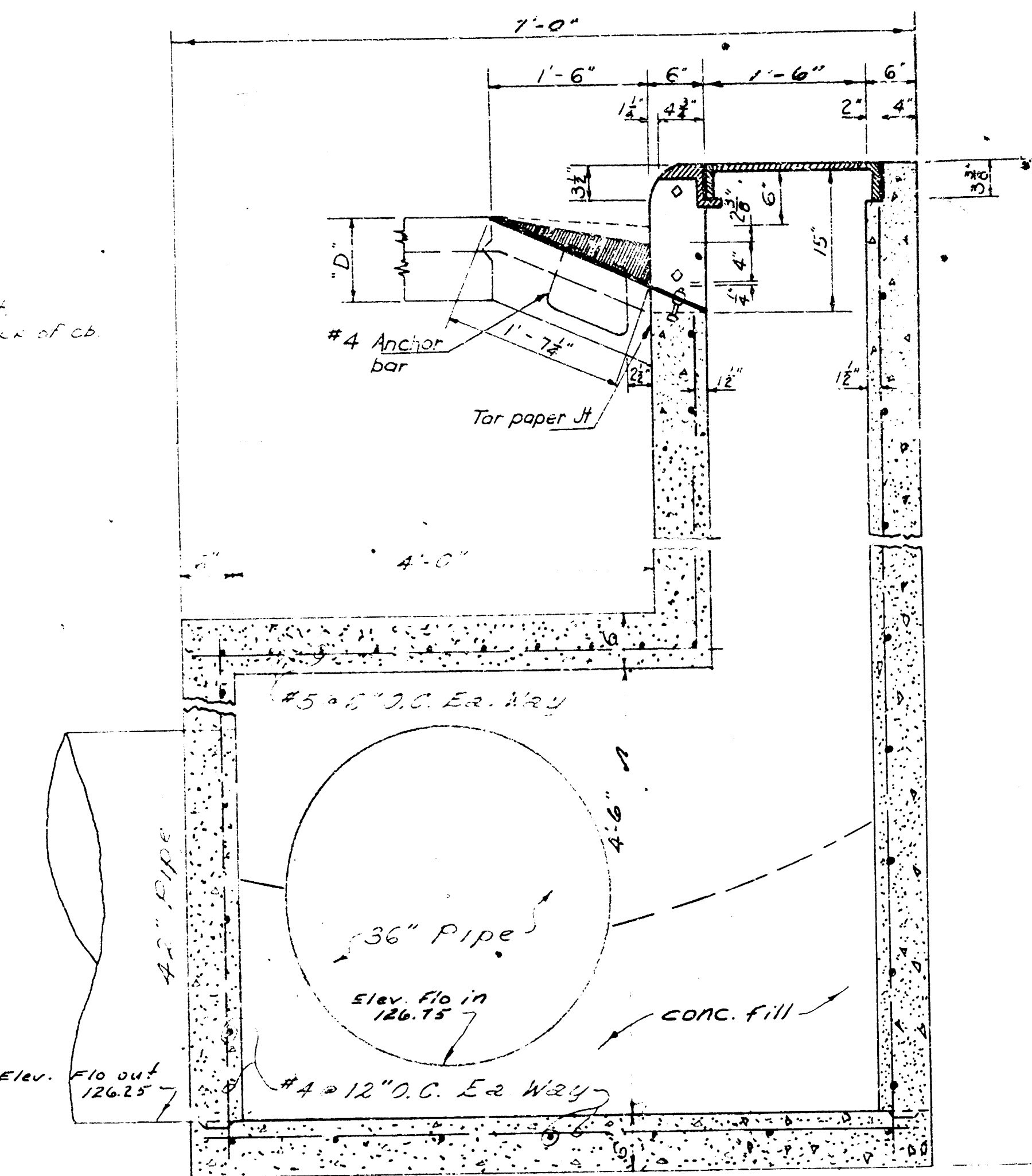
SECTION
TYPES A5-1, A75-1 & A10-1

NOTE: All bolts and nuts
shall be galvanized

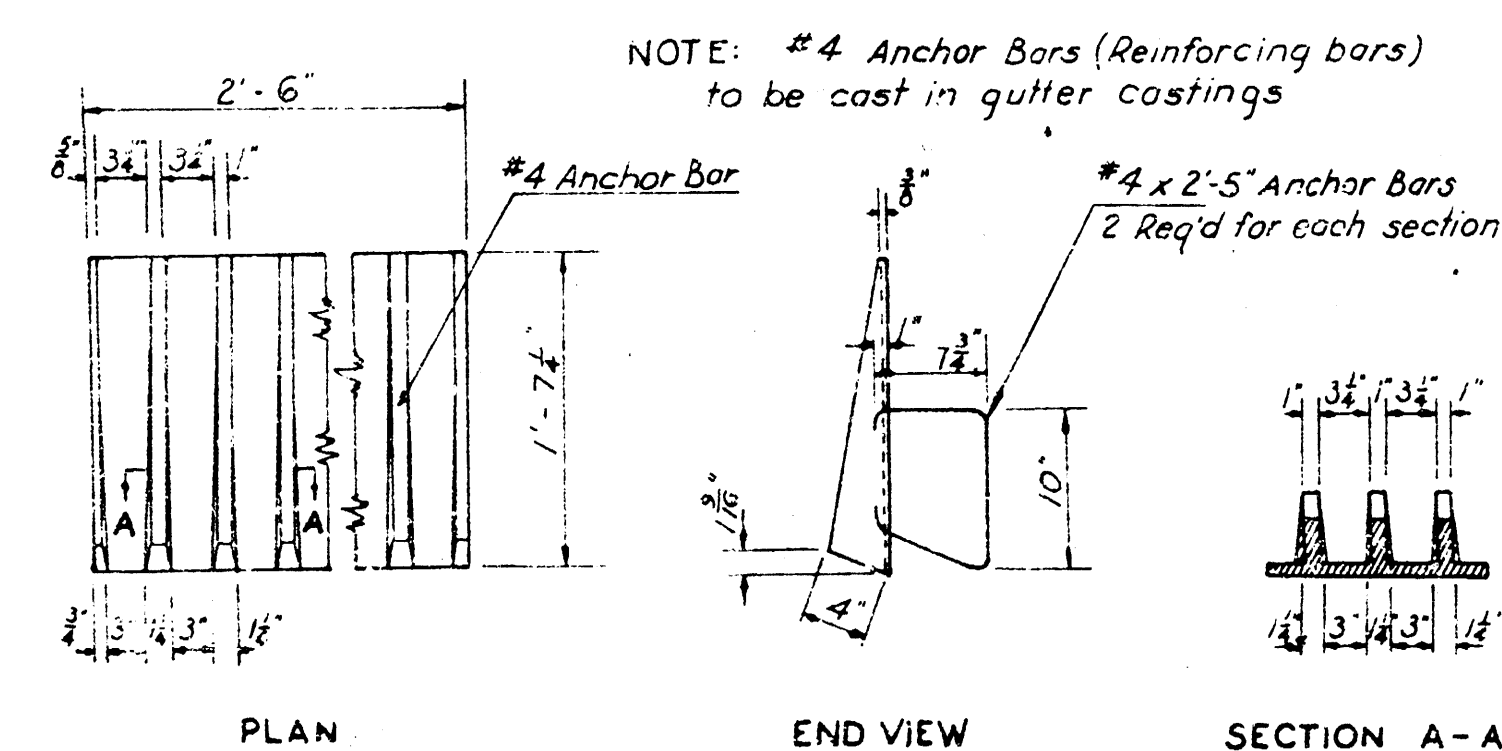


PLAN

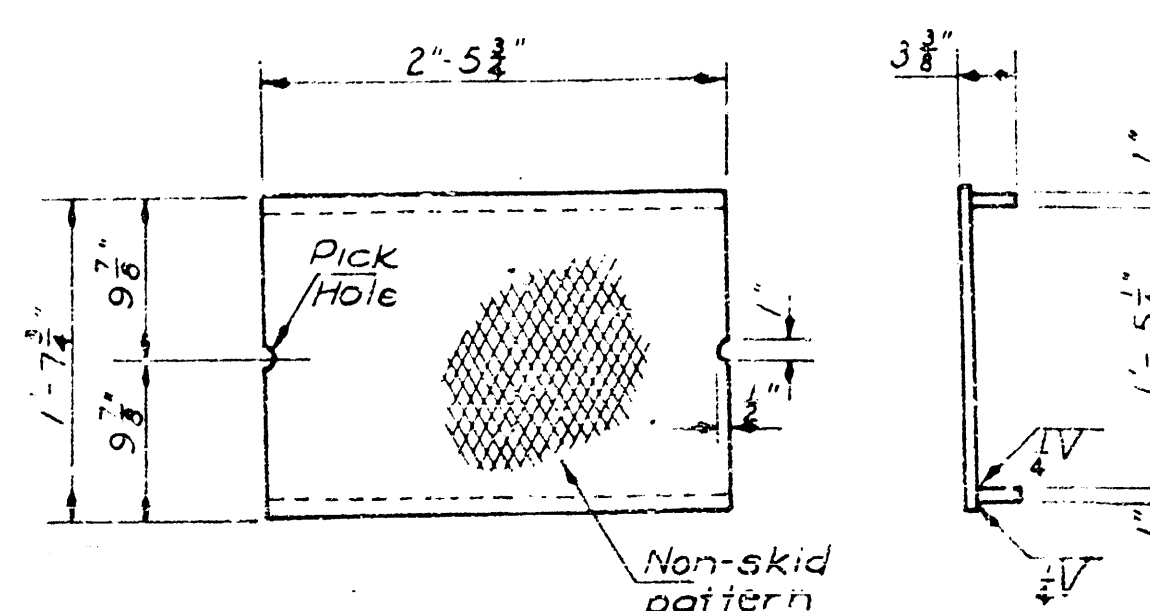
TYPES A5-1, A75-1 & A10-1
Weight 129 lbs per 2'-6" section



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

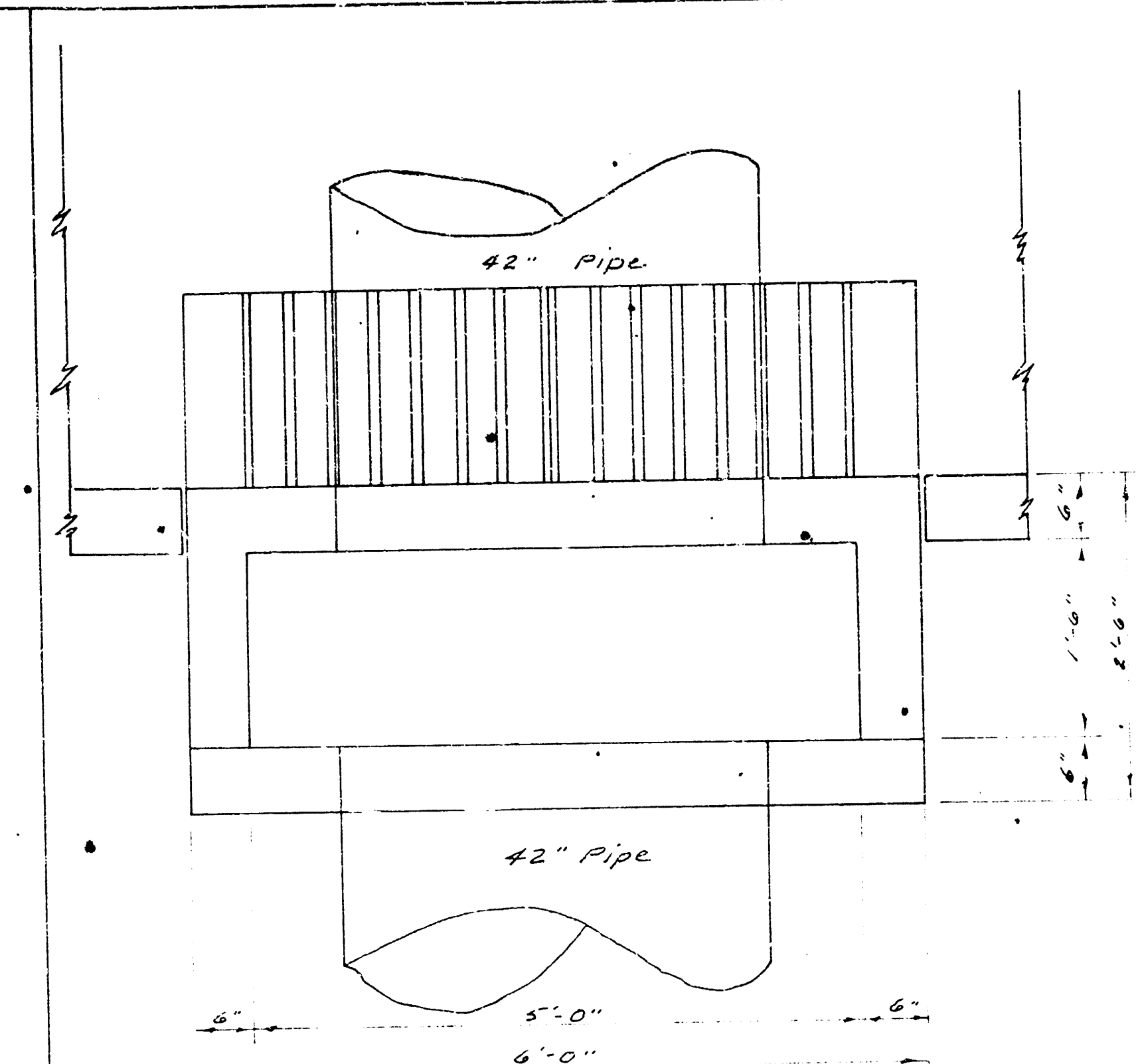


DETAILS OF GUTTER CASTING (IRON)

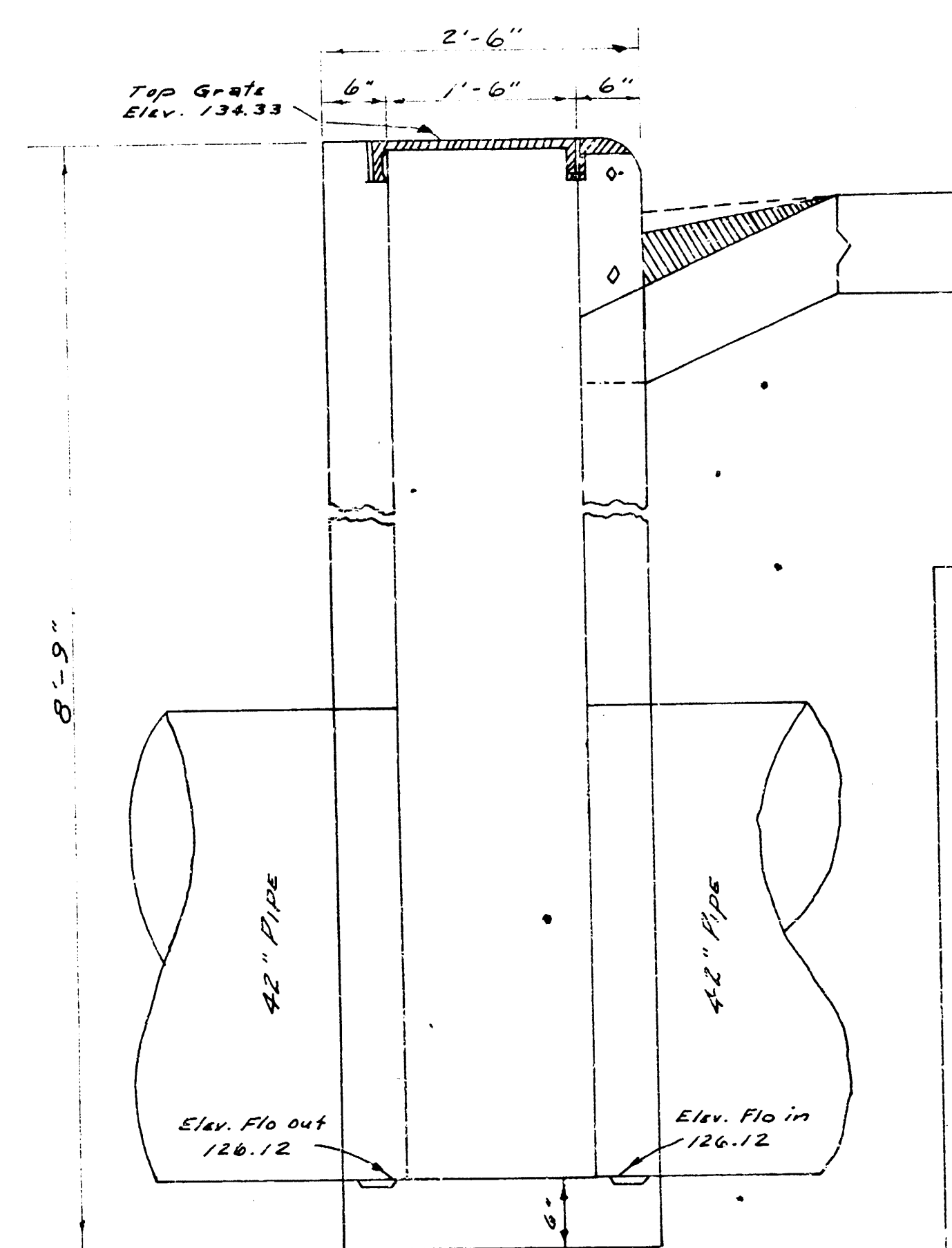


COVER
Structural Steel Plate
Weight 100# Each
Cover plate shall be painted in
accordance with the std. specs.

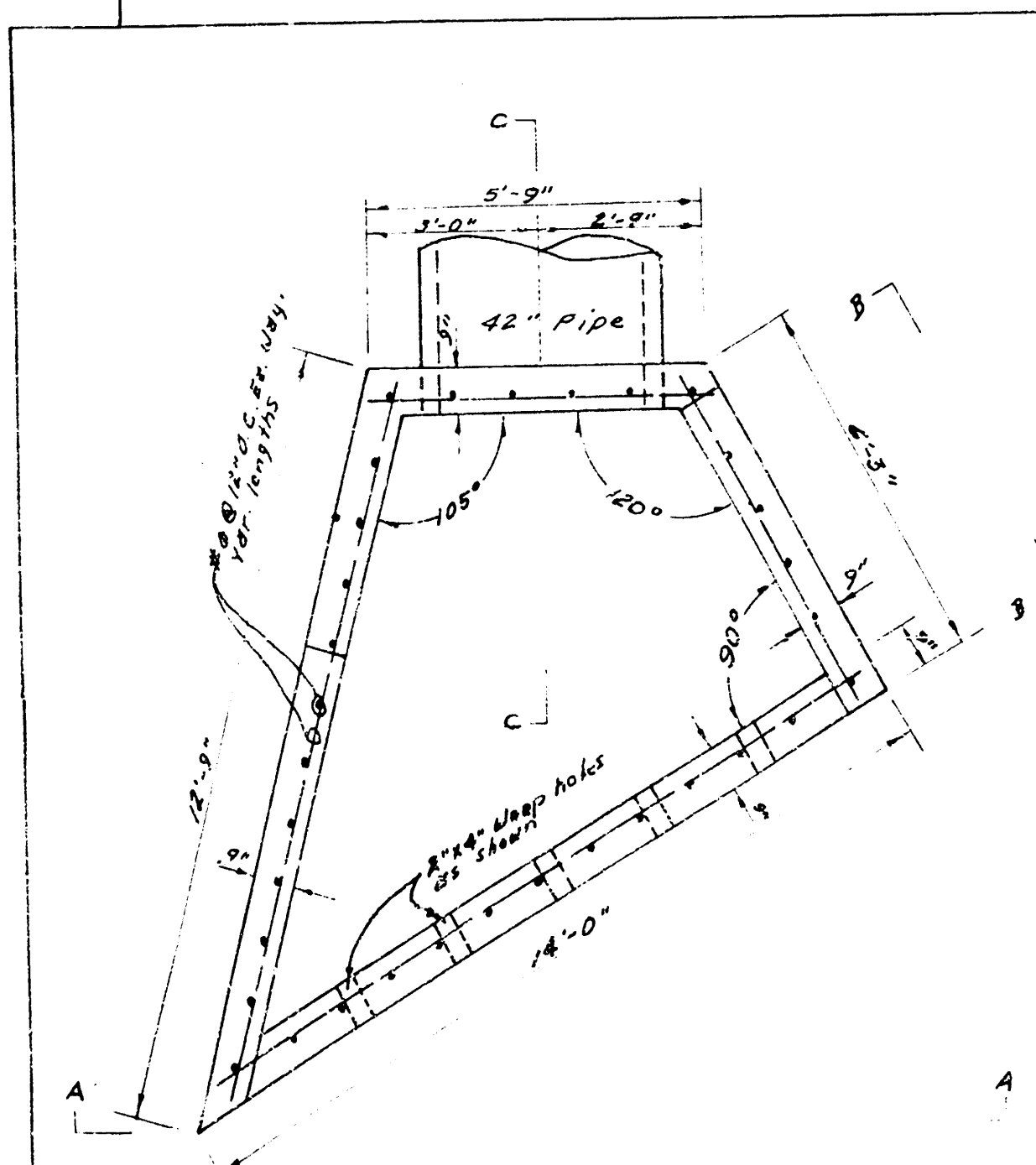
TYPE 'A' CURB INLET



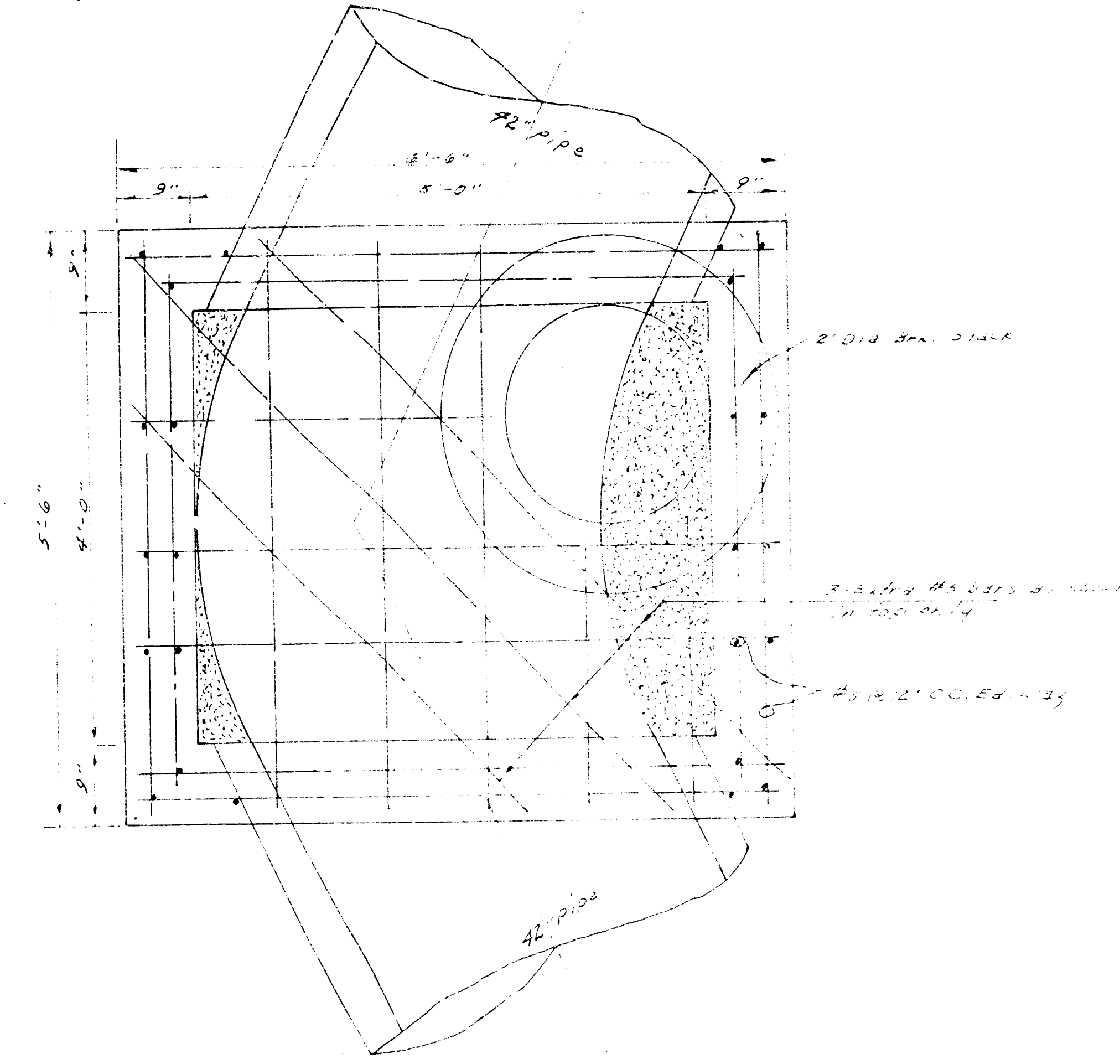
PLAN
STA 8128 - LINE NO. 2
NOTE: SEE STA. 8160 FOR STEEL DETAIL ETC.
Scale 1" = 1'-0"



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

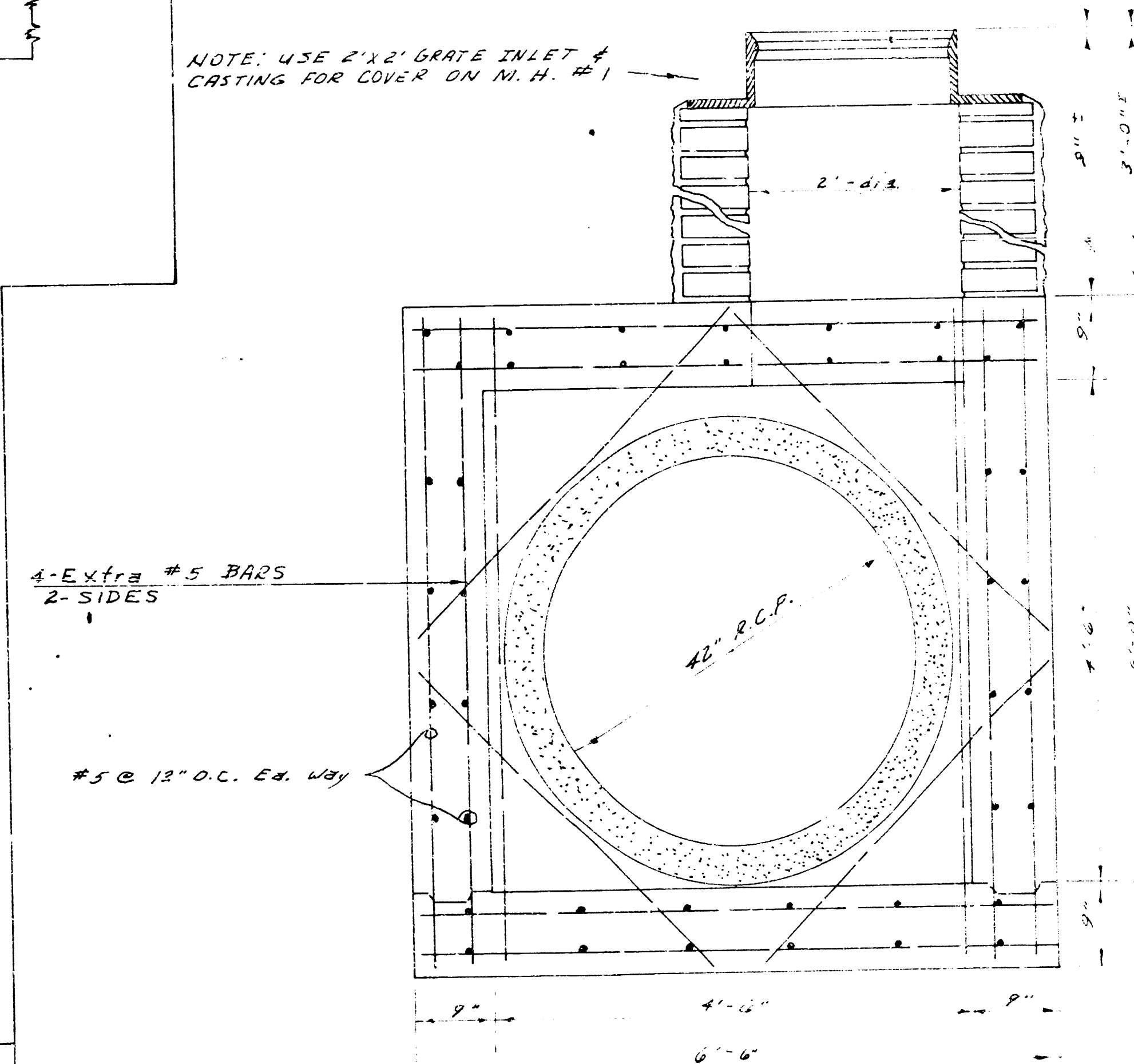


PLAN
OUTLET STRUCTURE STA. 0120
Scale 3/8" = 1'-0"

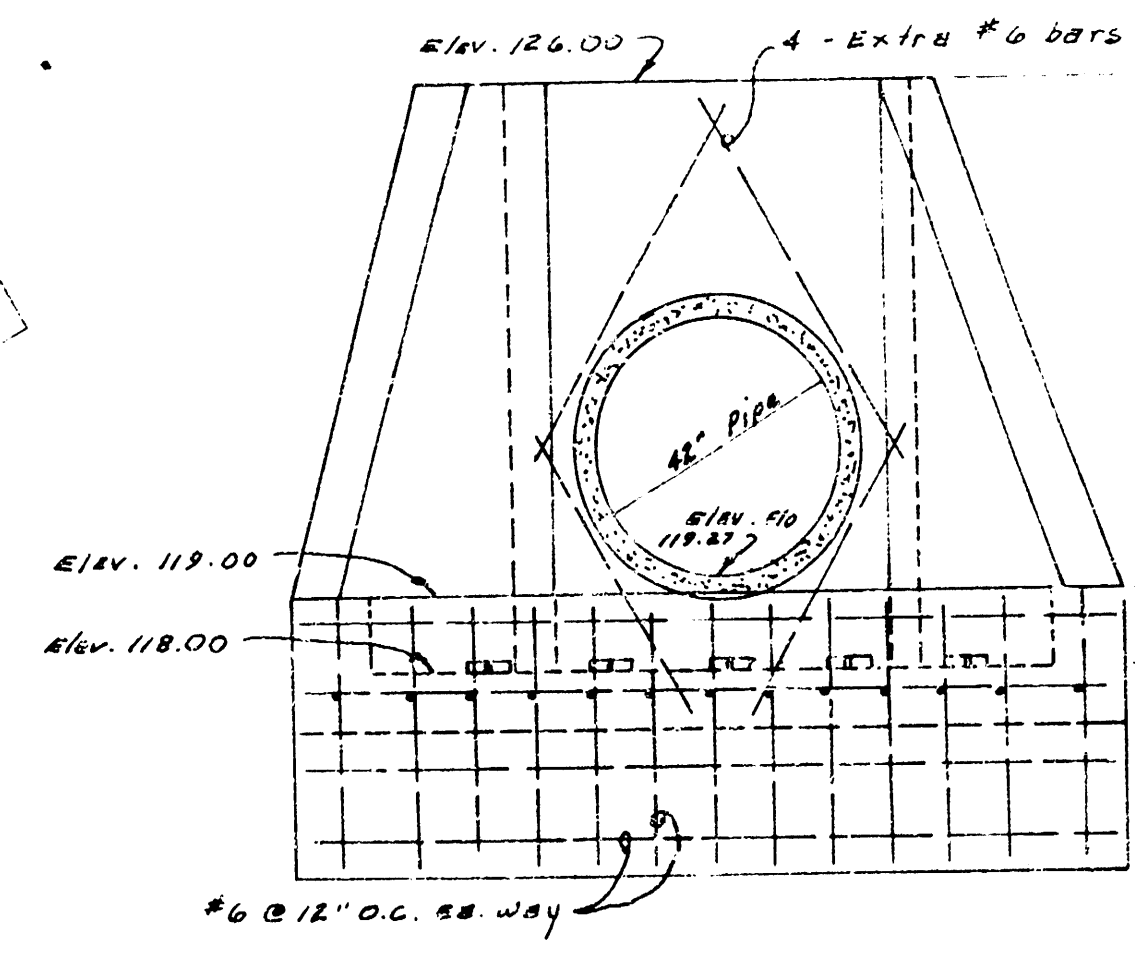


PLAN
REINF. CONC. M.H. DETAIL M.H. #1 & 2
Scale 1" = 1'-0"

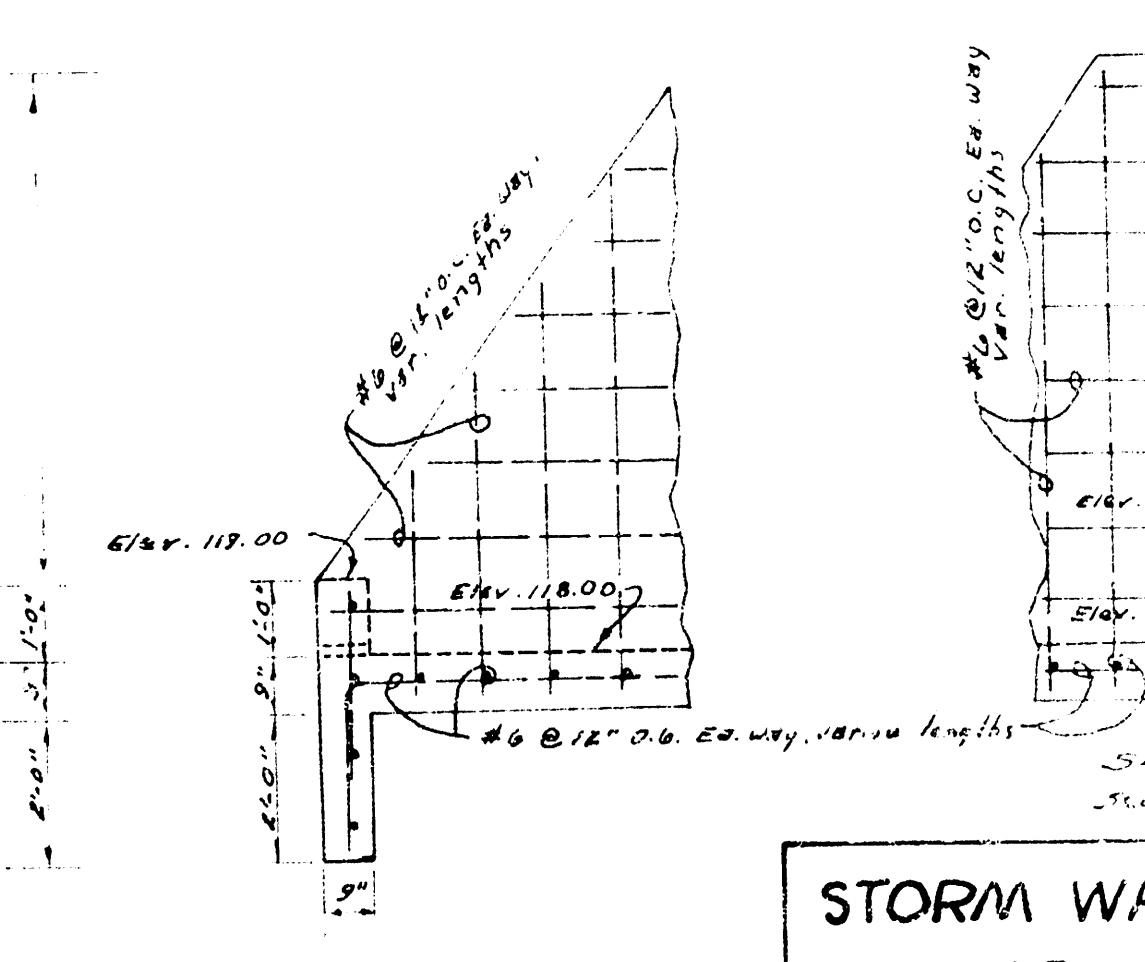
NOTE: USE 2'-2" GATE INLET &
CRATING FOR COVER ON M.H. #1



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