

# STORM WATER SEWER

SERVING  
MALONEY SECOND ADDITION  
WICHITA, KANSAS

PRIVATE PROJECT NO. DBKW707033

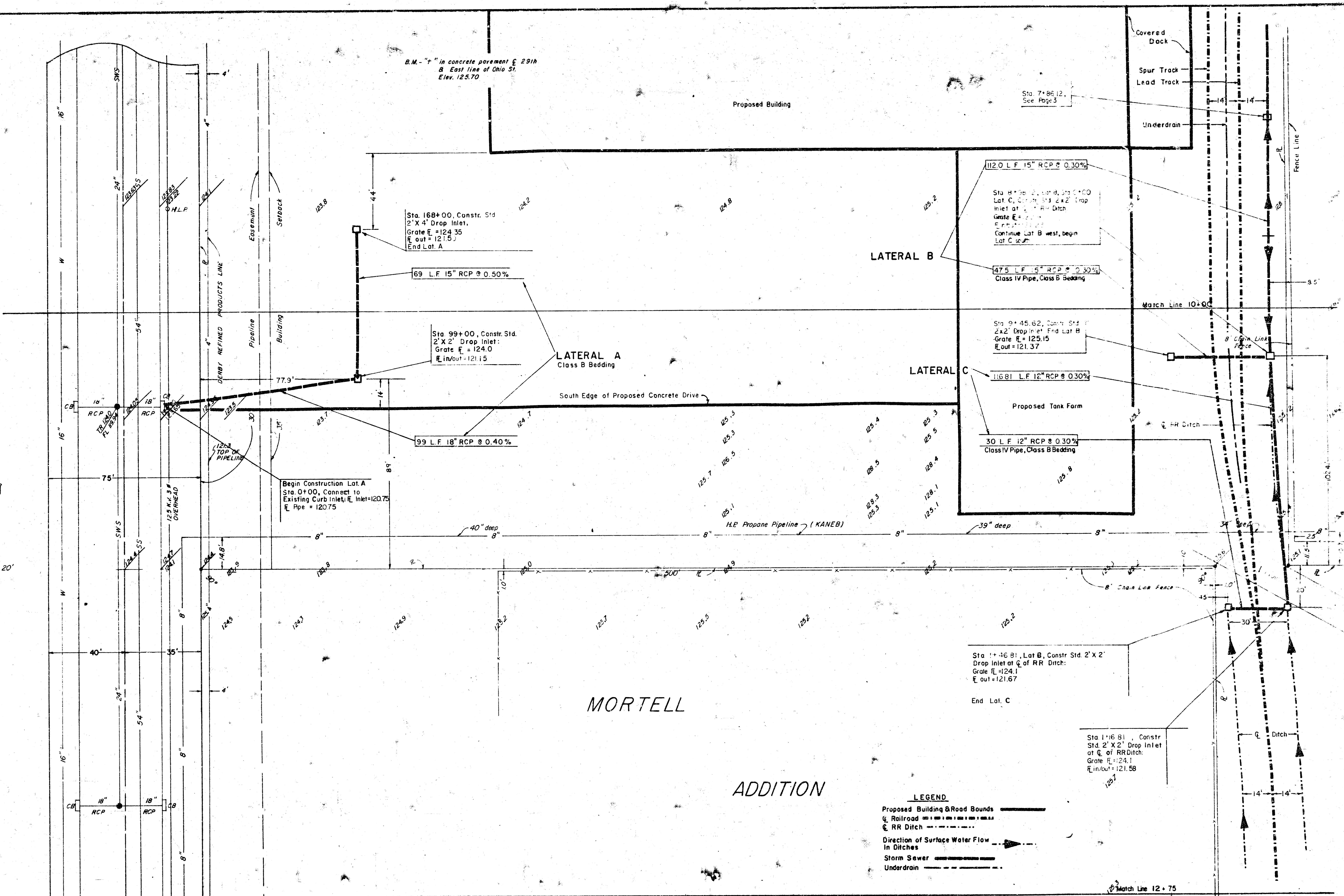
MOEHRING AND ASSOCIATES  
CONSULTING ENGINEERS  
WICHITA  
1977

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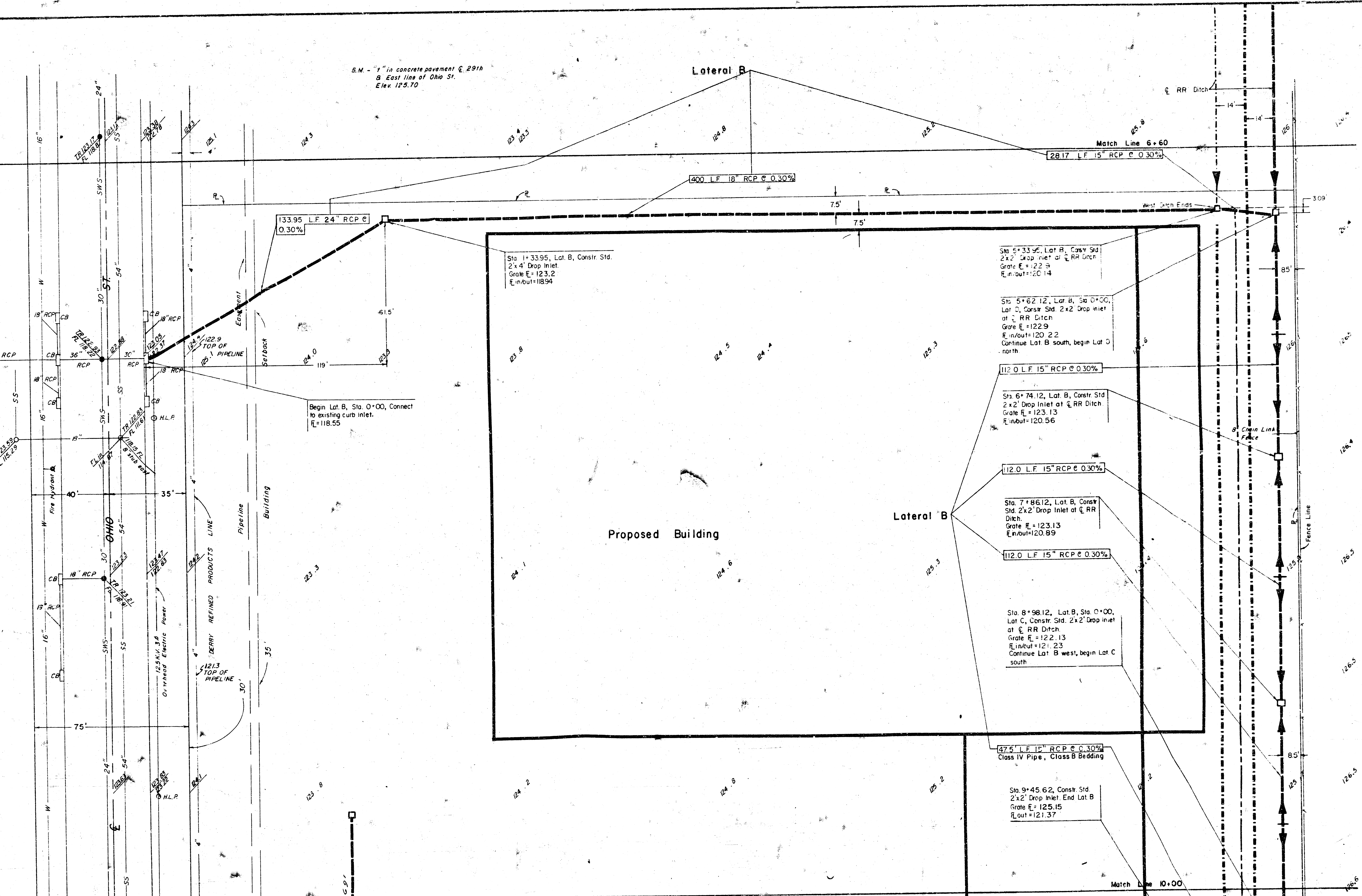
CITY OF WICHITA ENGINEERING DEPARTMENT

APPROVED BY YWA

DATE 8/17/77



S.M. - "1" is concrete pavement @ 291h  
@ East line of Ohio St.  
Elev. 125.70



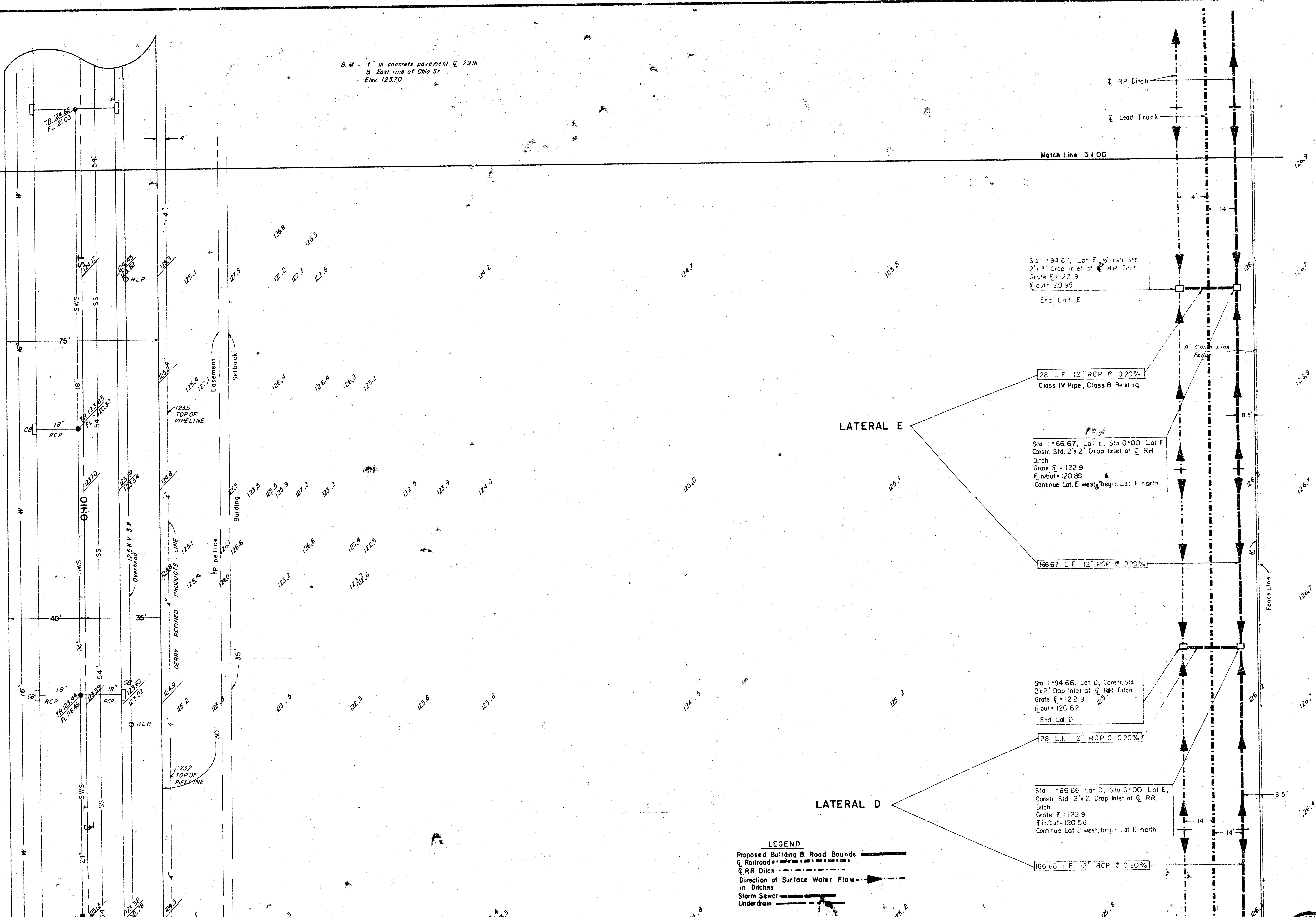
Lateral A (See Sheet 2)

**LEGEND**

- Proposed Buildings & Road Bounds
- RR Railroad
- RR Ditch
- Direction of Surface Water Flow

Tank Farm

B.M. - 1" in concrete pavement @ 29th  
 B East line of Ohio St.  
 Elev. 125.70



LATERAL E

Sta 1+34.67, Lat E, Constr. Std. 2'x2' Drop Inlet at RR Ditch  
 Grate E = 122.9  
 E<sub>in</sub>/out = 120.95  
 End Lat E.

28 L.F. 12" RCP @ 0.20%  
 Class IV Pipe, Class B Bedding

Sta. 1+66.67, Lat E, Sta 0+00 Lat F  
 Constr. Std. 2'x2' Drop Inlet at RR Ditch  
 Grate E = 122.9  
 E<sub>in</sub>/out = 120.89  
 Continue Lat E west, begin Lat F north

166.67 L.F. 12" RCP @ 0.20%

Sta 1+94.66, Lat D, Constr. Std. 2'x2' Drop Inlet at RR Ditch  
 Grate E = 122.9  
 E<sub>in</sub>/out = 120.62  
 End Lat D.

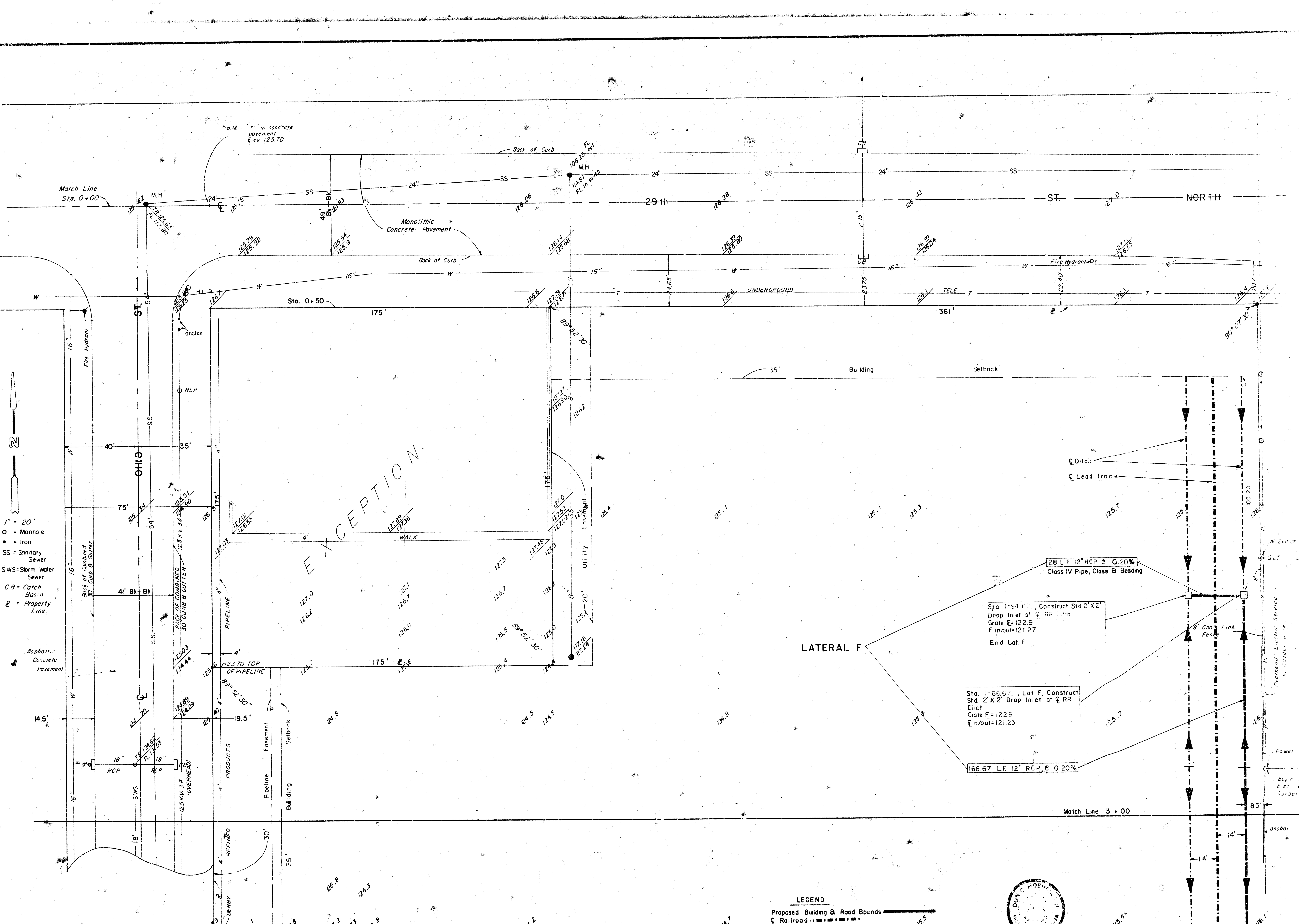
28 L.F. 12" RCP @ 0.20%

LATERAL D

Sta. 1+66.66 Lat D, Sta 0+00 Lat E,  
 Constr. Std. 2'x2' Drop Inlet at RR Ditch  
 Grate E = 122.9  
 E<sub>in</sub>/out = 120.56  
 Continue Lat D west, begin Lat E north

166.66 L.F. 12" RCP @ 0.20%

- LEGEND**
- Proposed Building & Road Bounds
  - Q Railroad
  - Q RR Ditch
  - Direction of Surface Water Flow in Ditches
  - Storm Sewer
  - Underdrain



1" = 20'

○ = Manhole

● = Iron

SS = Sanitary Sewer

SWS = Storm Water Sewer

CB = Catch Basin

P = Property Line

LATERAL F

28 LF 12" RCP @ 0.20%  
Class IV Pipe, Class B Bedding

Sta. 1+94.67, Construct Std. 2' X 2' Drop Inlet at RR  
Grate E = 122.9  
Fin/out = 121.27  
End Lat. F

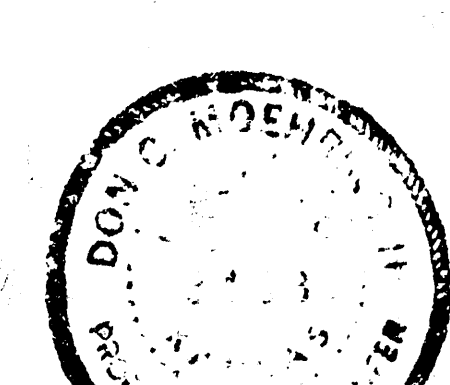
Sta. 1+66.67, Lat. F, Construct Std. 2' X 2' Drop Inlet at RR  
Grate E = 122.9  
Fin/out = 121.23

166.67 LF 12" RCP @ 0.20%

LEGEND

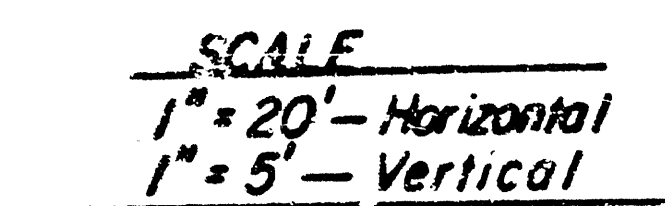
Proposed Building & Road Bounds

○ Railroad



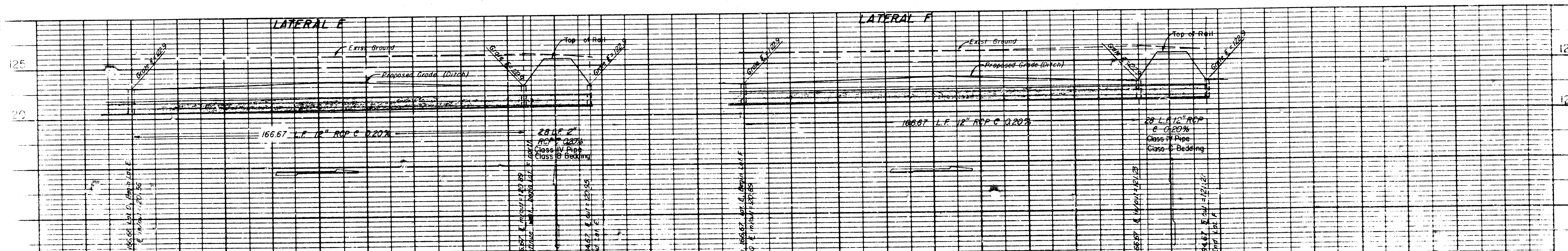
PLAN VIEW, LATERAL C - SEE SHEET 2

PLAN VIEW, LATERAL D - SEE SHEET 4

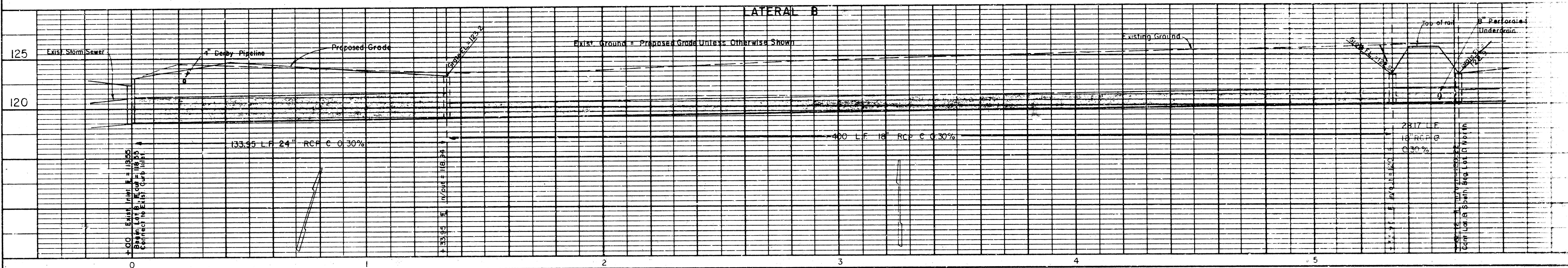


PLAN VIEW, LAT. F-SEE SHEET 5

Diagram illustrating a circular pile cap foundation. The cap is a square with side length 12'. It contains a circular pile with diameter 17/8' and radius  $B_c$ . The cap is surrounded by 'Carefully Compacted Backfill'. The cap itself is made of 'Compacted Granular Material'.

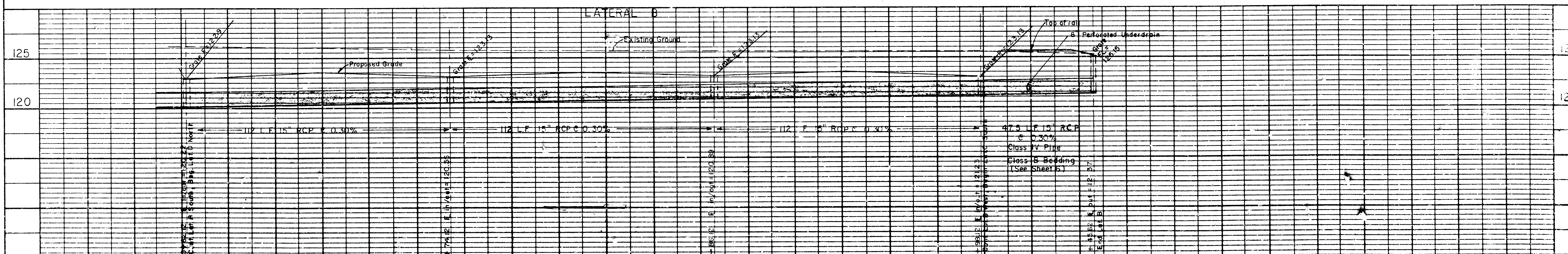


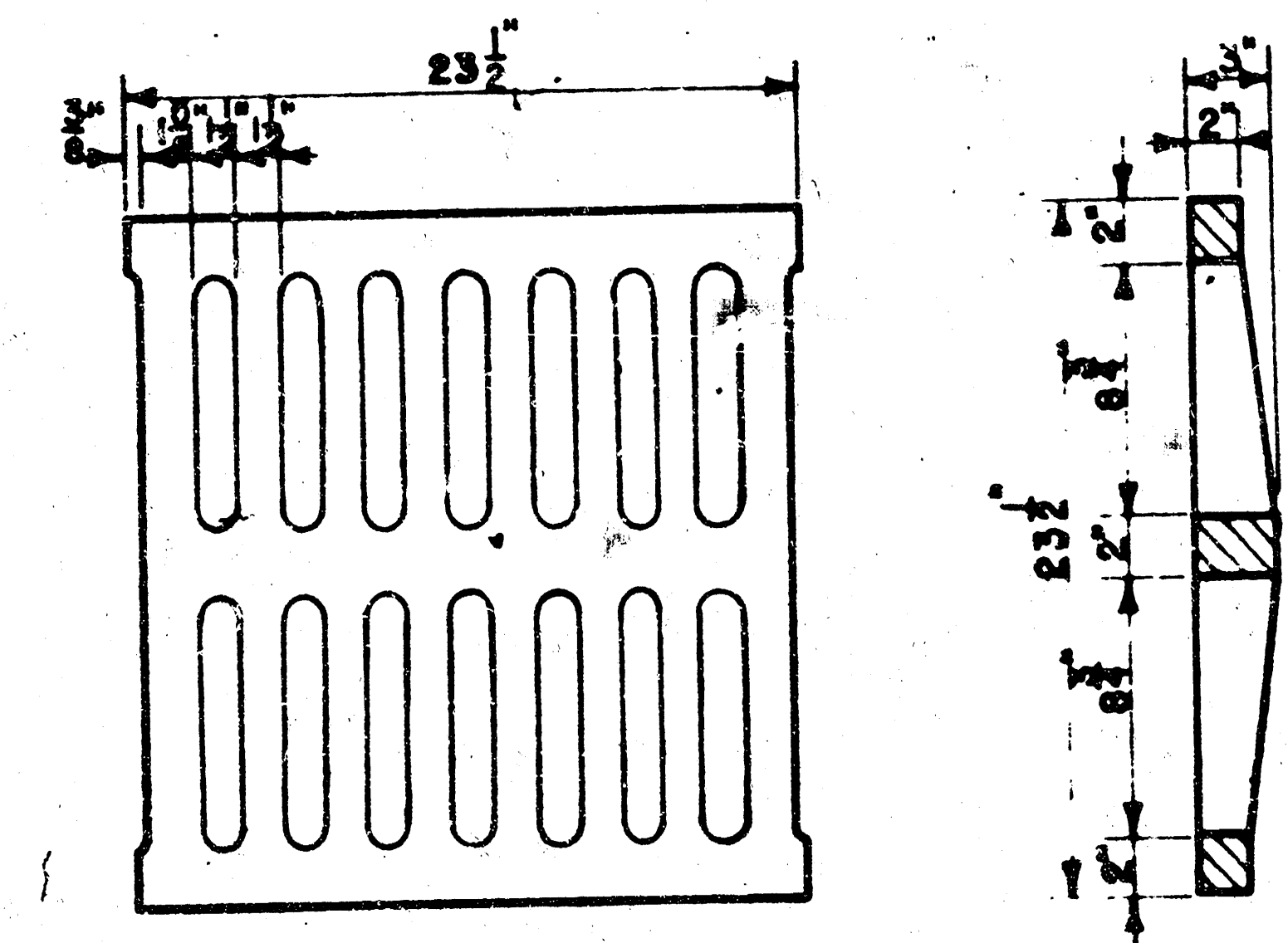
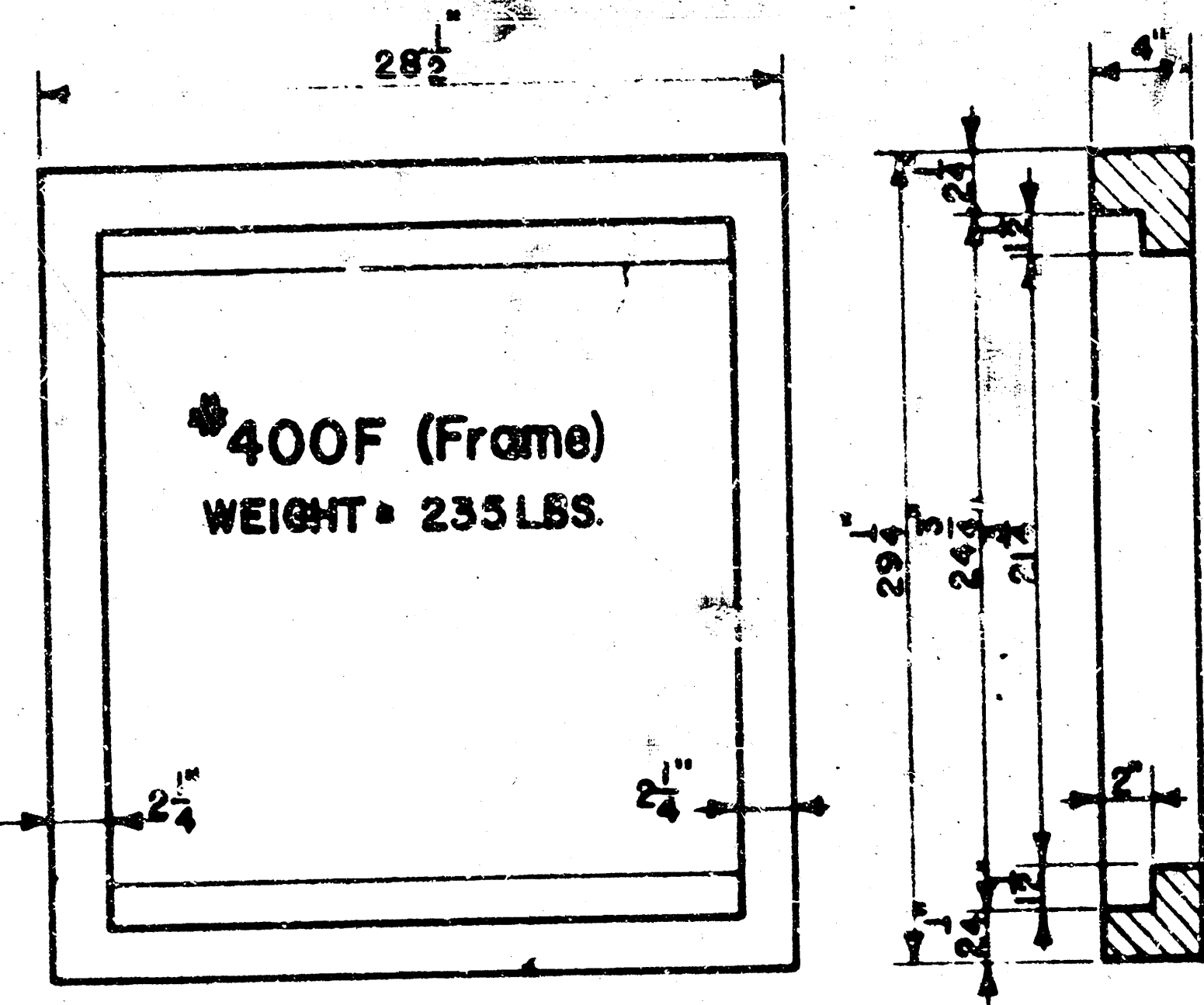
PLAN VIEW - SEE SHEET 3



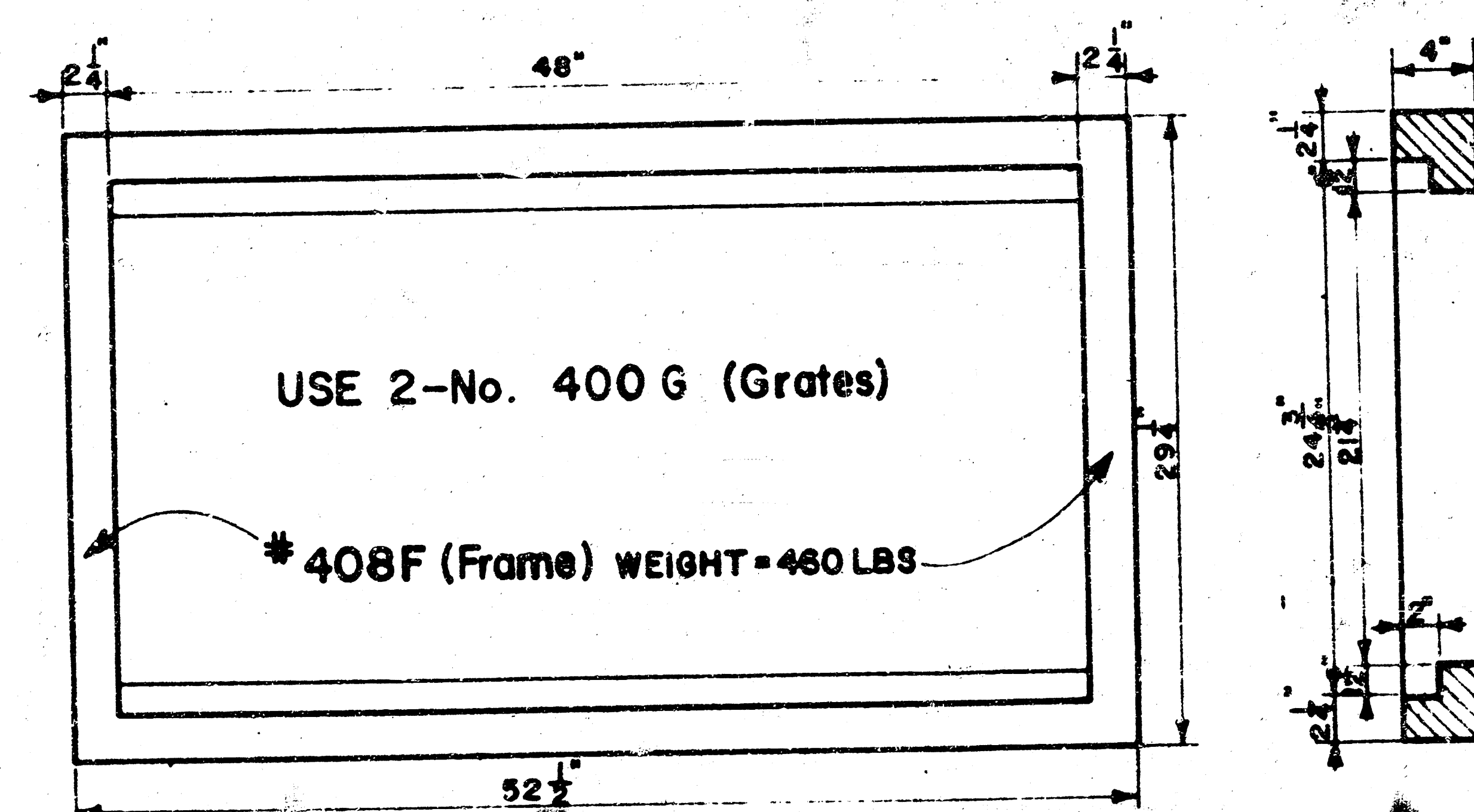
SCALE  
Horz 1" = 20'  
Vert. 1" = 5'

PLAN VIEW - SEE SHEET 3

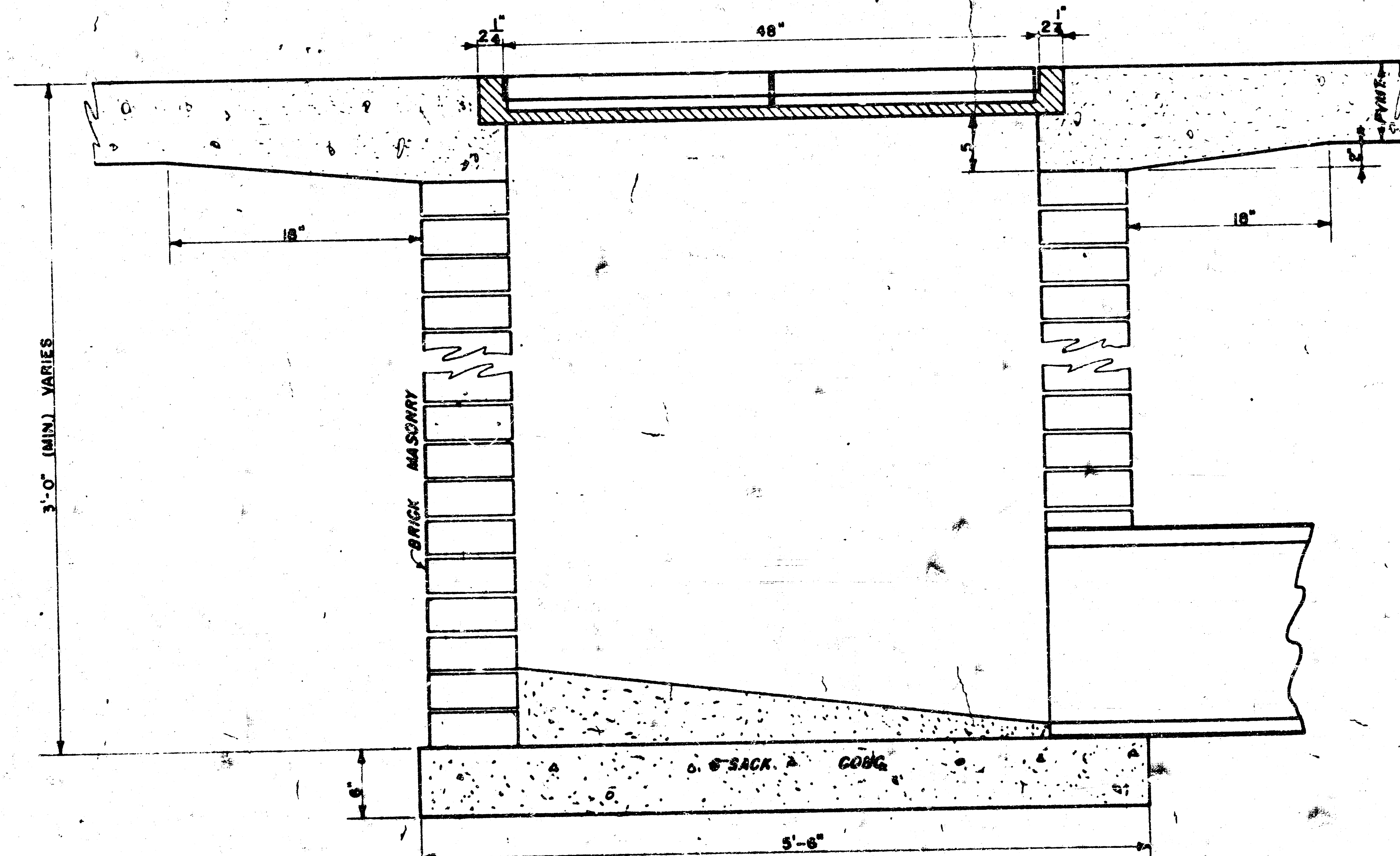
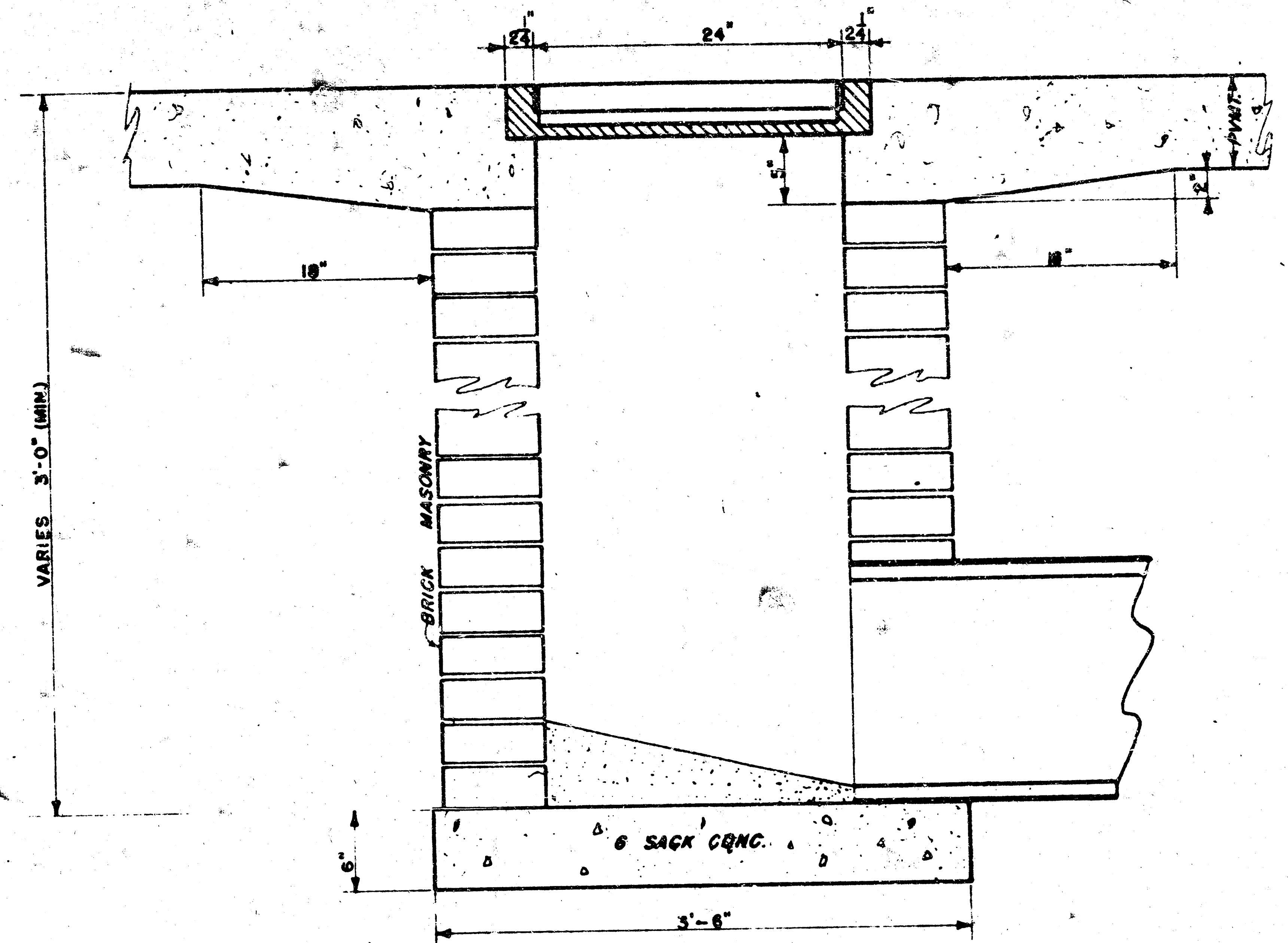
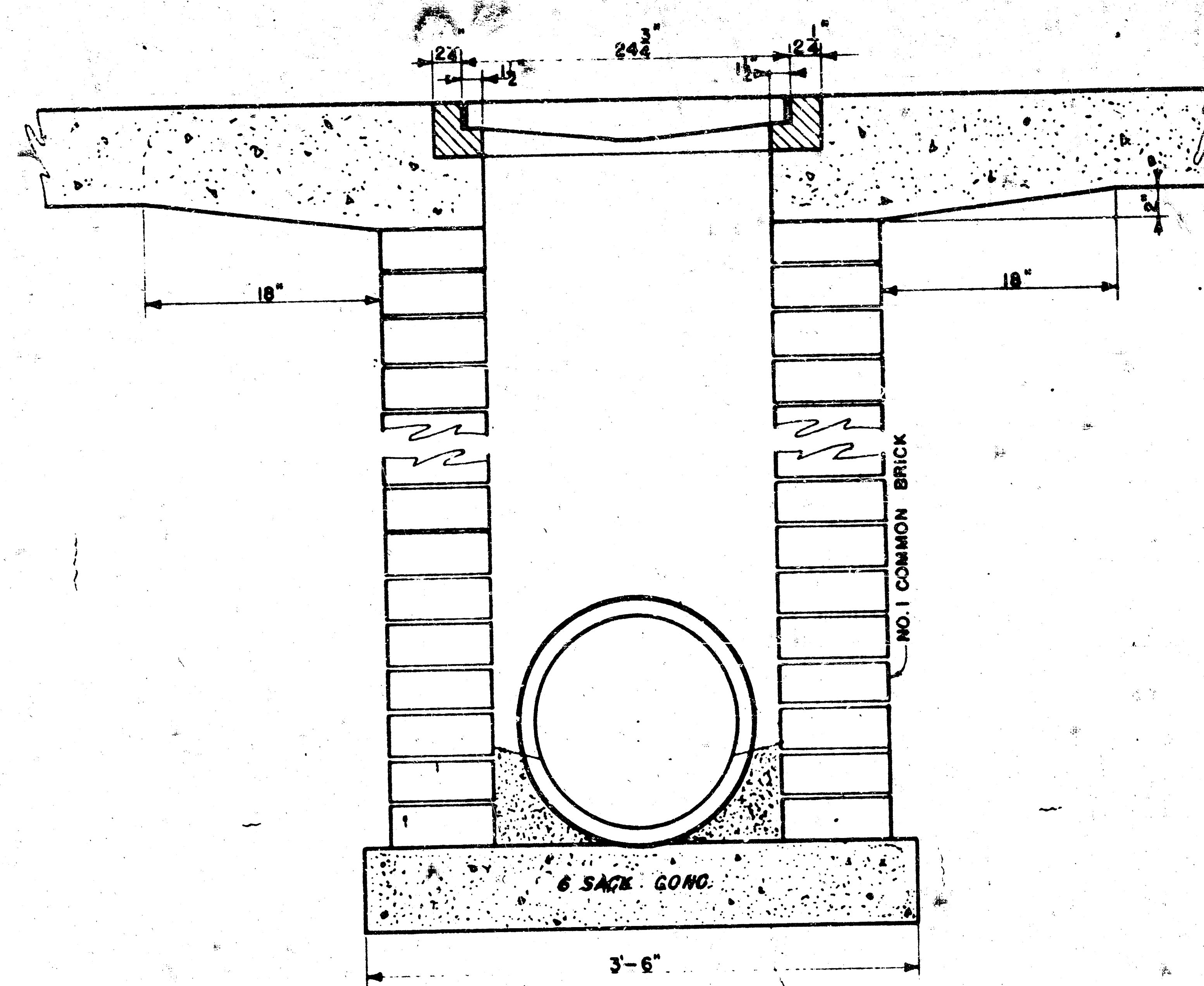




24"x24" Frame & Grate Detail



Double 24"x24" Frame Detail



# DROP INLET DETAIL

R.W. Linn City Engineer

City of Wichita, Kansas

Project

Project No.

Date