

STORM WATER SEWER

SERVING
MALONEY SECOND ADDITION
WICHITA, KANSAS

PRIVATE PROJECT NO. DBKW707033

MOEHRING AND ASSOCIATES
CONSULTING ENGINEERS
WICHITA
1977

<u>PAGE</u>	<u>DESCRIPTION</u>
1	Title Sheet
2	Plan View, Lot. A & C
3	Plan View, Lot. B
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5	Plan View, Lot. F
6	Profile View, Lot. A,C,D,E,F
7	Profile View, Lot. B
8	Drop Inlet Details

CITY OF WICHITA ENGINEERING DEPARTMENT

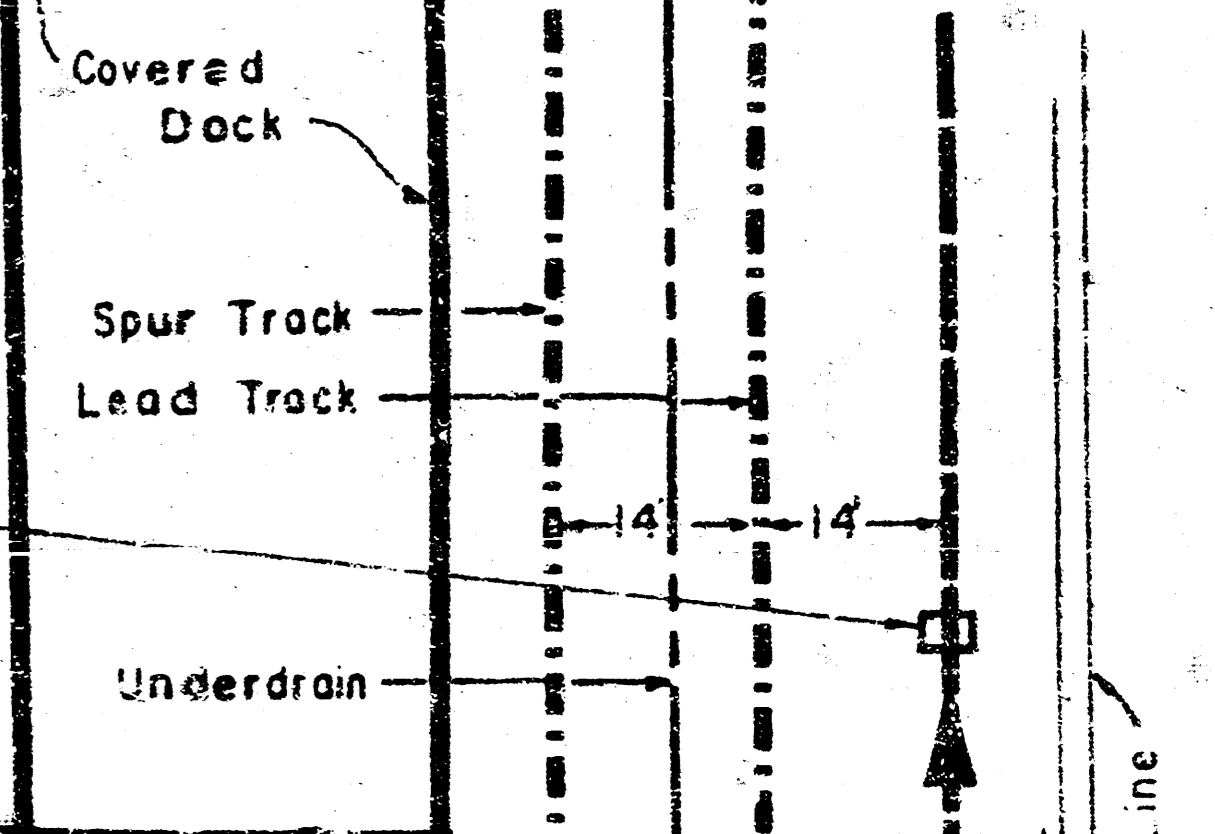
APPROVED BY WMA

DATE 8/17/77

B.M. "+" in concrete pavement E 29th
 & East line of Ohio St.
 Elev. 125.70

Proposed Building

Sta. 7+86.12,
 See Page 3



Sta. 168+00, Constr. Std.
 2' X 4' Drop Inlet,
 Grate E = 124.35
 E out = 121.5
 End Lat. A

69 L.F. 15" RCP @ 0.50%

Sta. 99+00, Constr. Std.
 2' X 2' Drop Inlet,
 Grate E = 124.0
 E in/out = 121.15

LATERAL A
 Class B Bedding

99 L.F. 18" RCP @ 0.40%

LATERAL B

112.0 L.F. 15" RCP @ 0.30%

Sta. 8+26.2, Constr. Std.
 2' X 2' Drop Inlet,
 Grate E = 125.15
 E in/out = 121.37
 Continue Lat. B west, begin
 Lat. C south

47.5 L.F. 15" RCP @ 0.30%
 Class IV Pipe, Class B Bedding

Sta. 9+45.62, Constr. Std.
 2' X 2' Drop Inlet, End Lat. B
 Grate E = 125.15
 E out = 121.37

LATERAL C

116.81 L.F. 12" RCP @ 0.30%

Proposed Tank Farm

30 L.F. 12" RCP @ 0.30%
 Class IV Pipe, Class B Bedding

Begin Construction Lat. A
 Sta. 0+00, Connect to
 Existing Curb Inlet, E Inlet = 120.75
 E Pipe = 120.75

H.P. Propane Pipeline (KANE)

MORTELL

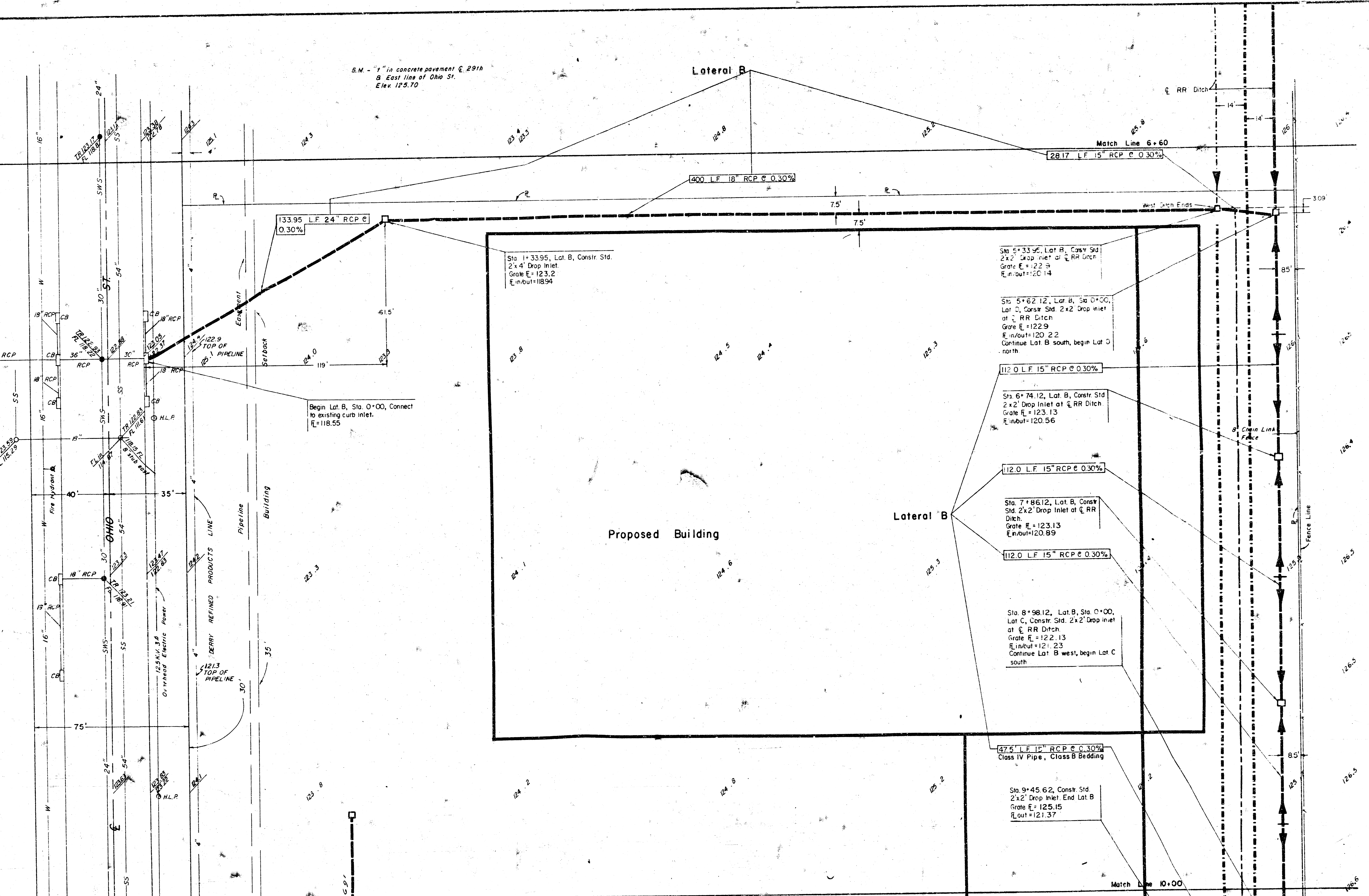
ADDITION

LEGEND

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

Match Line 12+75

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



Sta. 1+33.95, Lat. B, Constr. Std.
 2x4" Drop Inlet.
 Grate $E = 123.2$
 $E_{in/out} = 118.94$

Sta. 5+33.95, Lat. B, Constr. Std.
 2x2" Drop Inlet at ϕ RR Ditch
 Grate $E = 122.9$
 $E_{in/out} = 120.14$

Sta. 5+62.12, Lat. B, Sta. 0+00,
 Lat. C, Constr. Std. 2x2" Drop Inlet
 at ϕ RR Ditch
 Grate $E = 122.9$
 $E_{in/out} = 120.22$
 Continue Lat. B south, begin Lat. C
 north

112.0 LF 15" RCP @ 0.30%

Sta. 6+74.12, Lat. B, Constr. Std.
 2x2" Drop Inlet at ϕ RR Ditch
 Grate $E = 123.13$
 $E_{in/out} = 120.56$

112.0 LF 15" RCP @ 0.30%

Sta. 7+86.12, Lat. B, Constr. Std.
 2x2" Drop Inlet at ϕ RR
 Ditch.
 Grate $E = 123.13$
 $E_{in/out} = 120.89$

112.0 LF 15" RCP @ 0.30%

Sta. 8+98.12, Lat. B, Sta. 0+00,
 Lat. C, Constr. Std. 2x2" Drop Inlet
 at ϕ RR Ditch.
 Grate $E = 122.13$
 $E_{in/out} = 121.23$
 Continue Lat. B west, begin Lat. C
 south

47.5 LF 15" RCP @ 0.30%
 Class IV Pipe, Class B Bedding

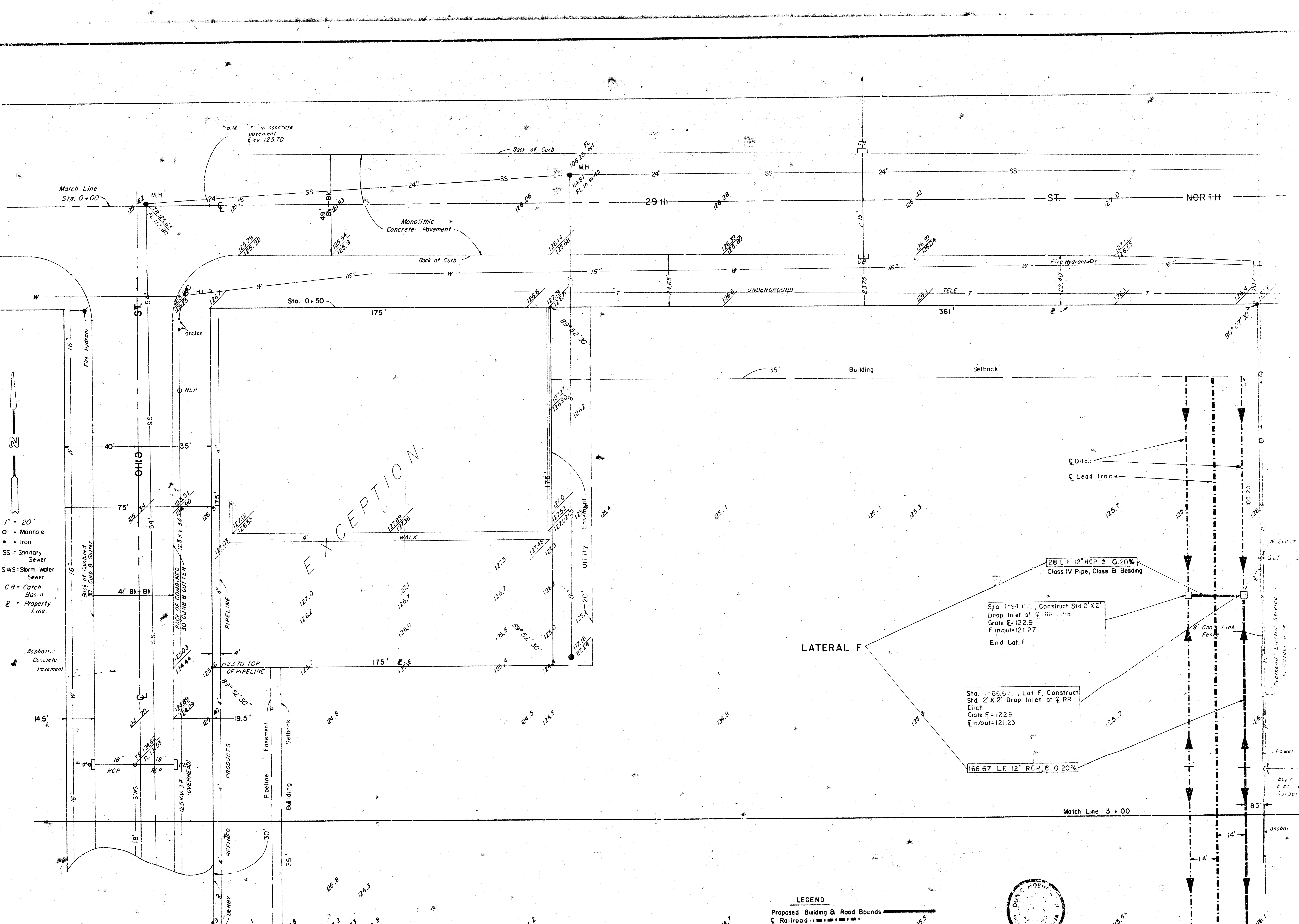
Sta. 9+45.62, Constr. Std.
 2x2" Drop Inlet, End Lat. B
 Grate $E = 125.15$
 $E_{out} = 121.37$

Begin Lat. B, Sta. 0+00, Connect
 to existing curb inlet.
 $E = 118.55$

Lateral A (See Sheet 2)

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

Tank Farm



Match Line
Sta. 0+00

Sta. 0+50

Match Line 3+00

- 1" = 20'
- = Manhole
- = Iron
- SS = Sanitary Sewer
- SWS = Storm Water Sewer
- CB = Catch Basin
- P = Property Line

EXCEPTION

LATERAL F

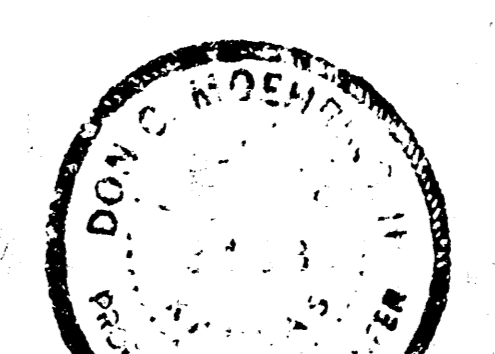
28 LF 12" RCP @ 0.20%
Class IV Pipe, Class B Bedding

Sta. 1+94.67, Construct Sta. 2'X2'
Drop Inlet at RR
Grate E = 122.9
Fin/out = 121.27
End Lat. F.

Sta. 1+66.67, Lat. F, Construct
Sta. 2'X2' Drop Inlet at RR
Ditch
Grate E = 122.9
Fin/out = 121.23

166.67 LF 12" RCP @ 0.20%

LEGEND
Proposed Building & Road Bounds
Railroad

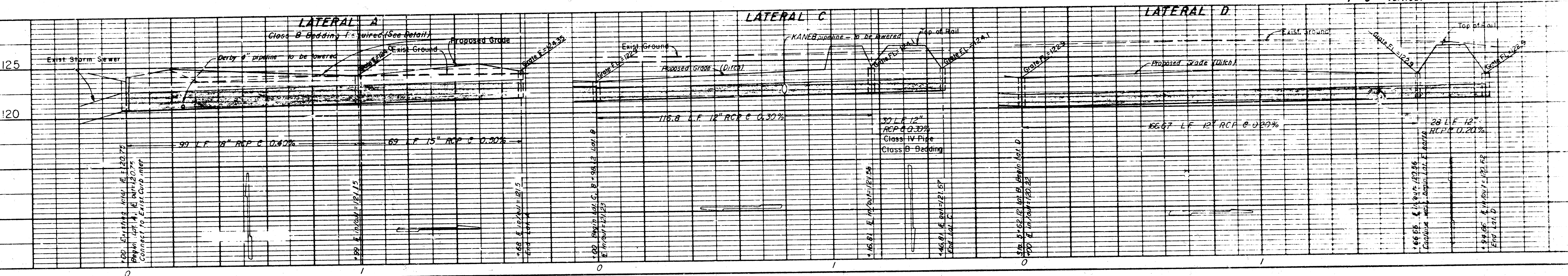


PLAN VIEW, LATERAL A - SEE SHEET 2

PLAN VIEW, LATERAL C - SEE SHEET 2

PLAN VIEW, LATERAL D - SEE SHEET 4

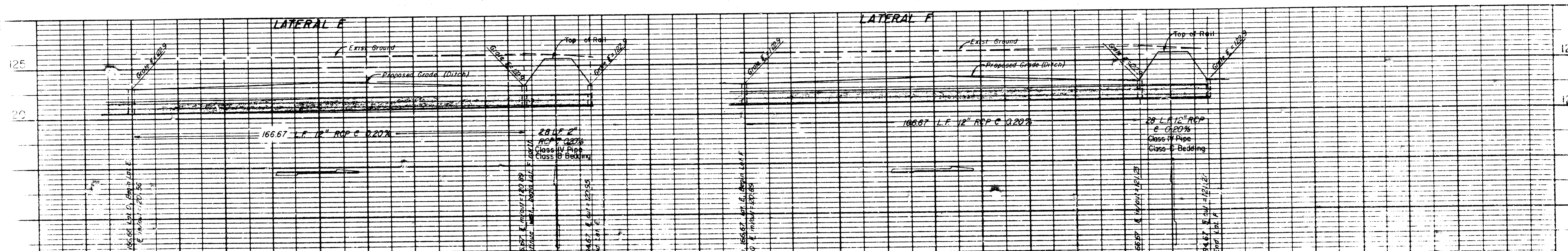
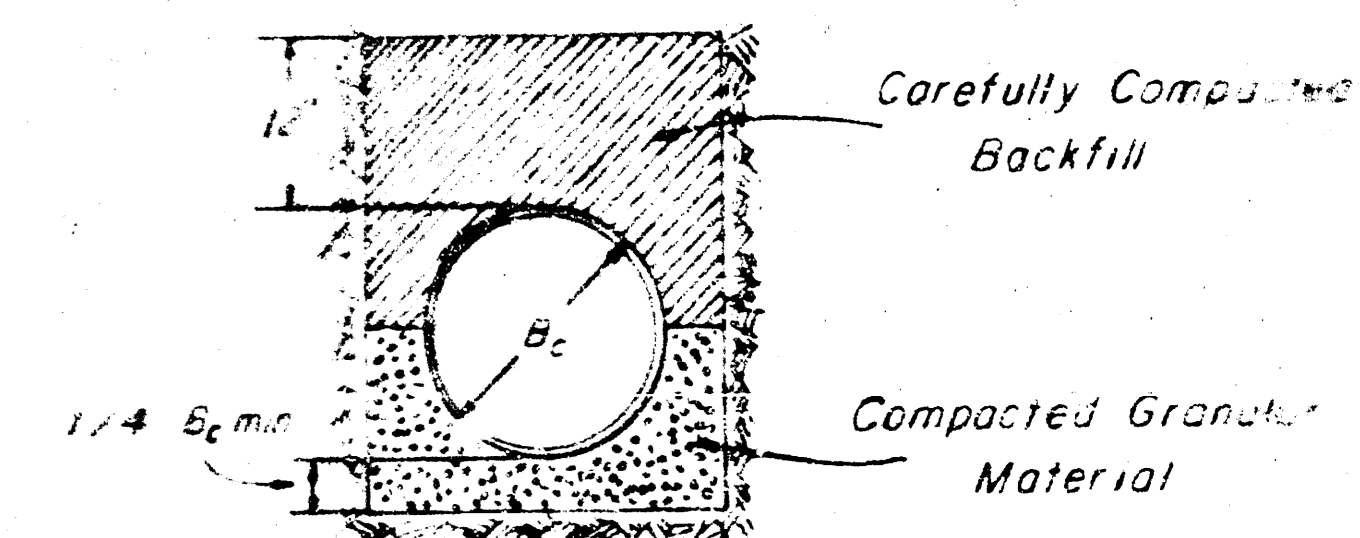
SCALE
1" = 20' - Horizontal
1" = 5' - Vertical

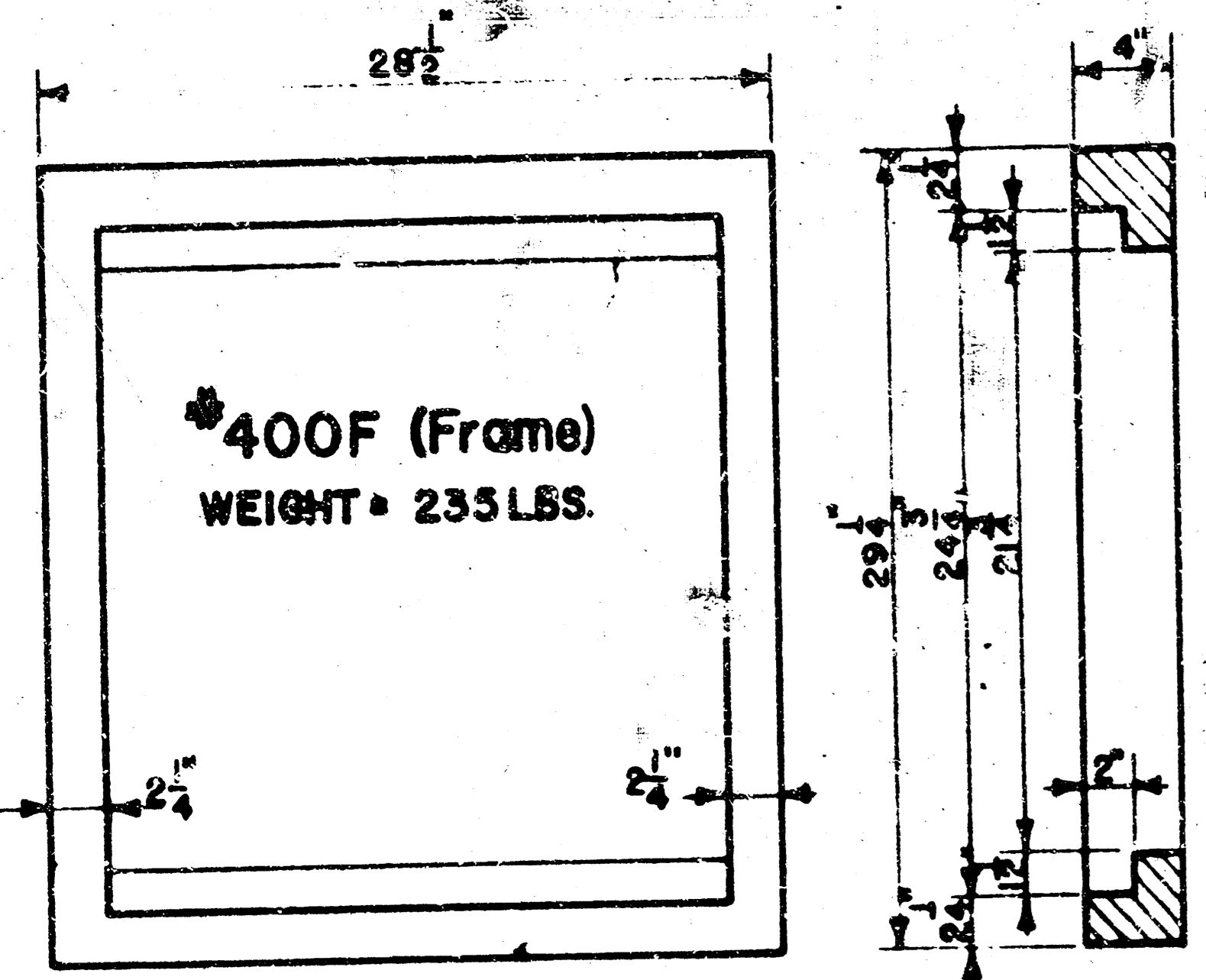


PLAN VIEW, LAT. E - SEE SHEET 4

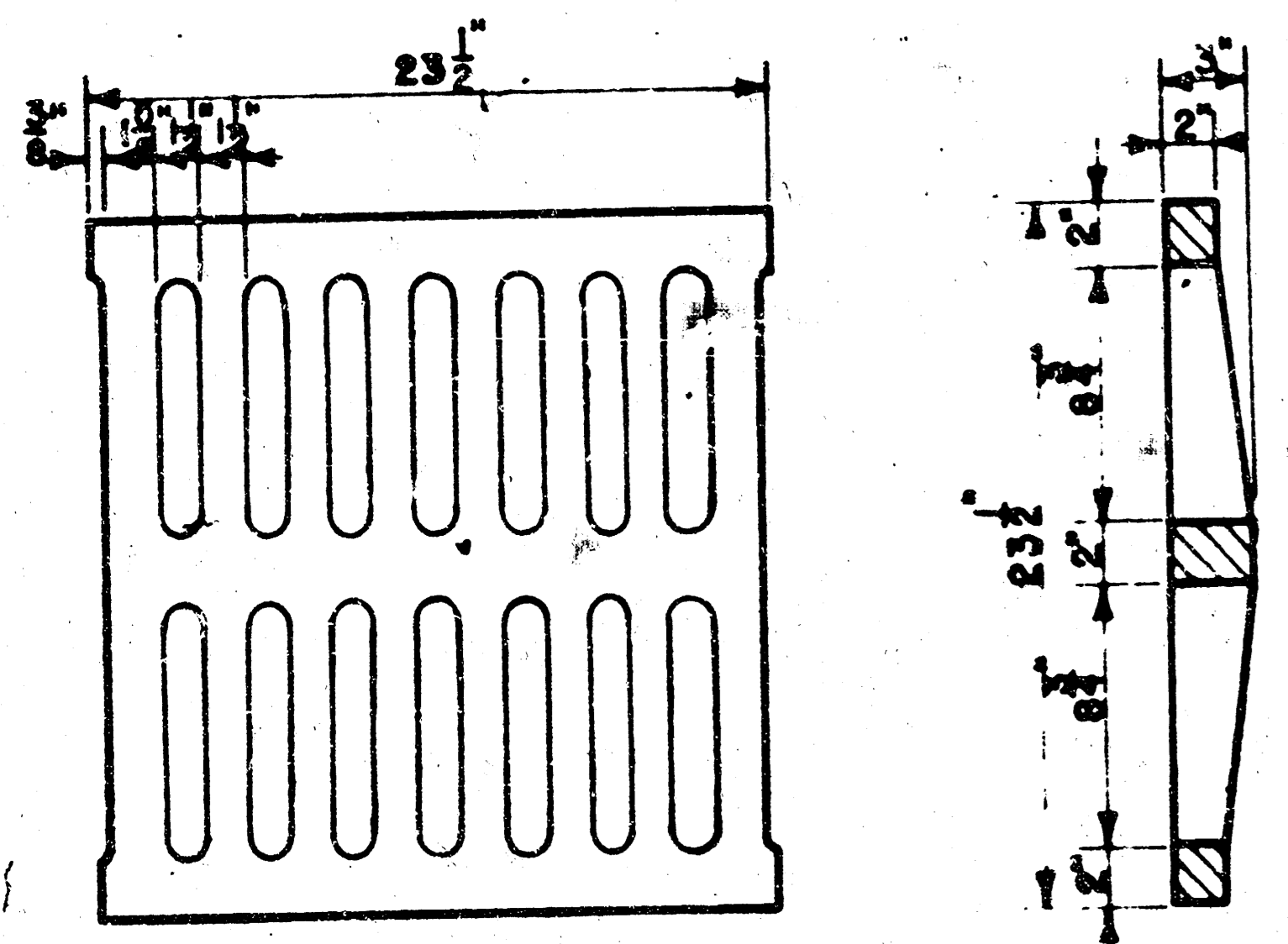
PLAN VIEW, LAT. F - SEE SHEET 5

CLASS B BEDDING



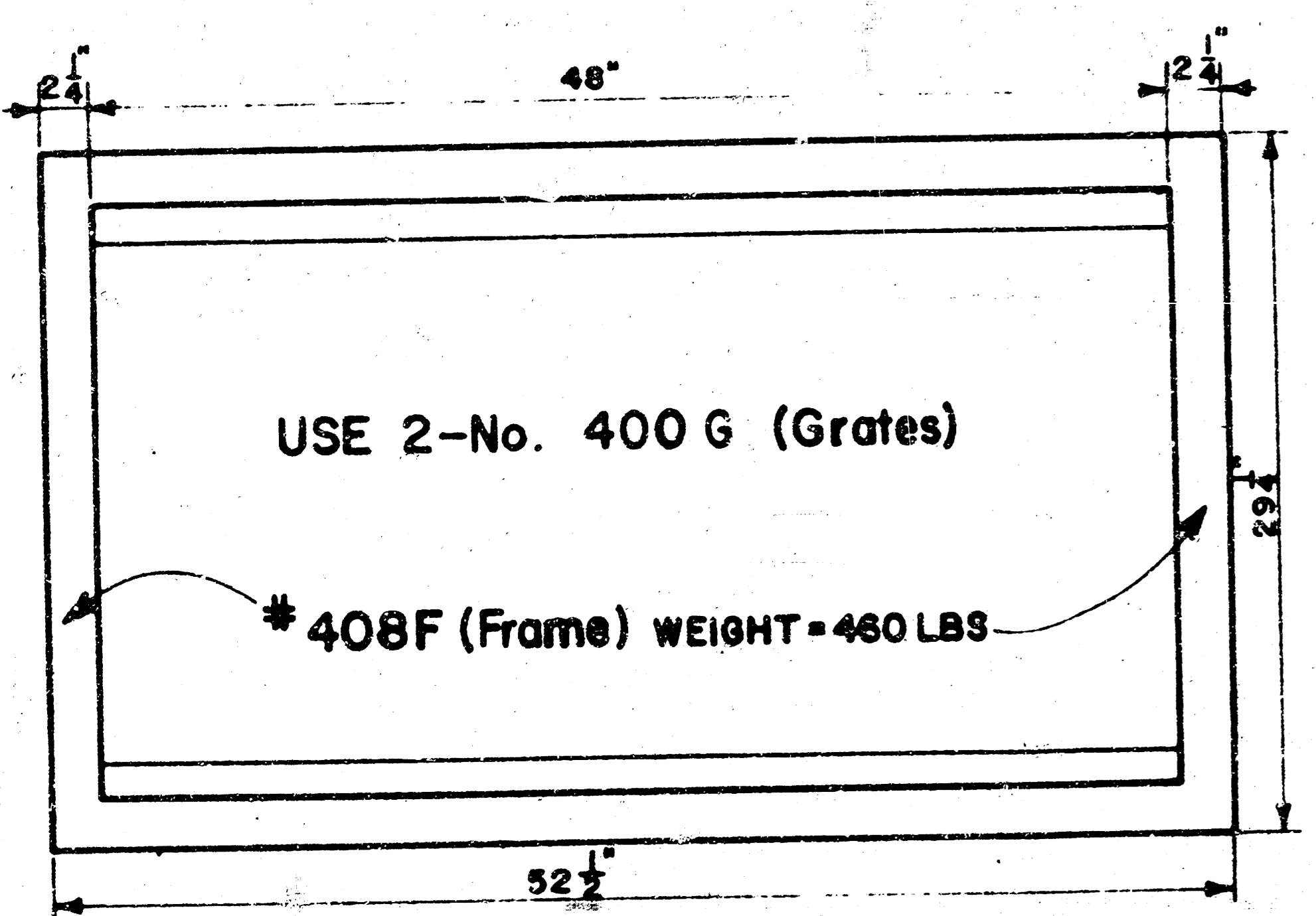


#400F (Frame)
WEIGHT = 235 LBS.



#400G (Grate)
WEIGHT = 235 LBS.

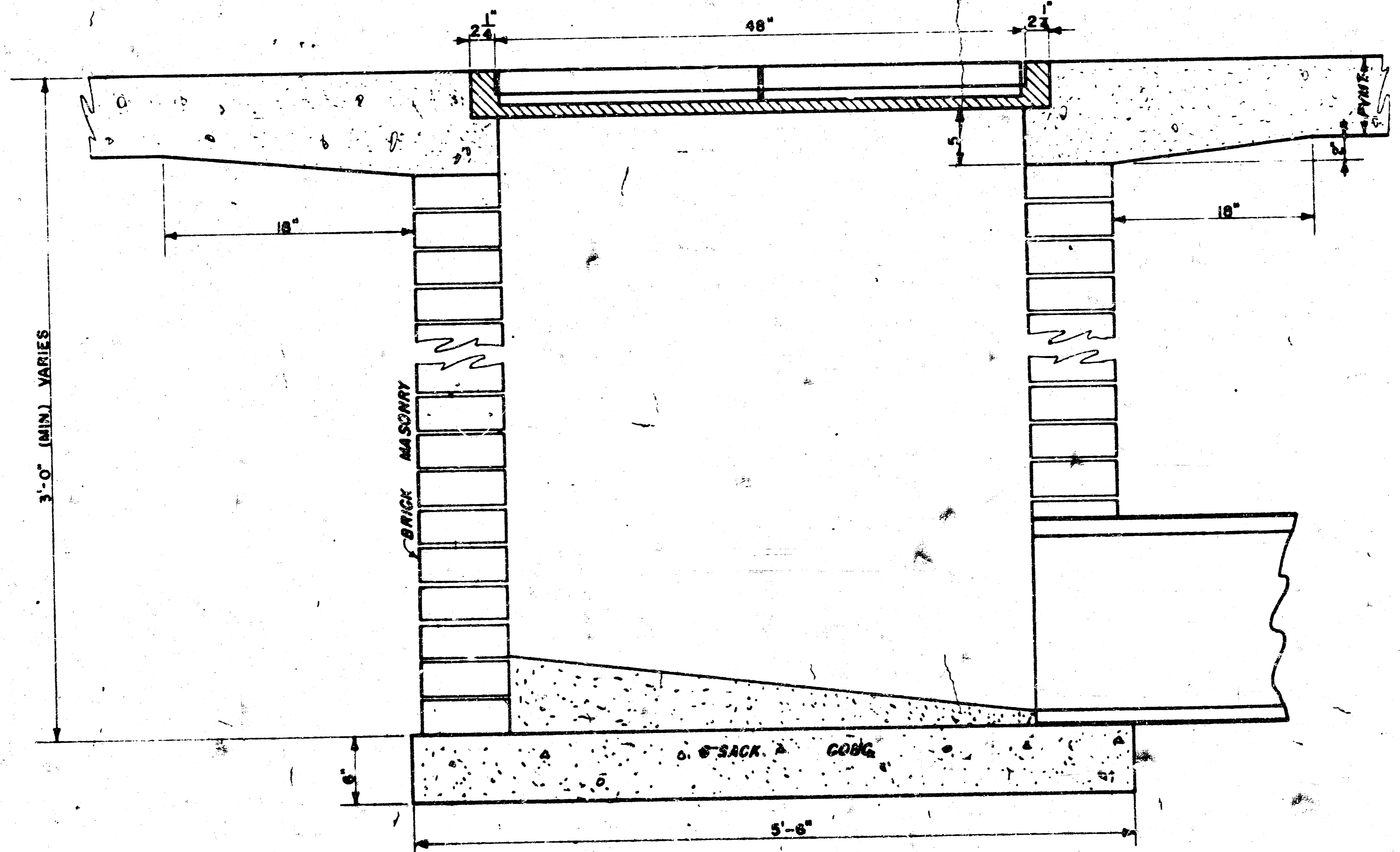
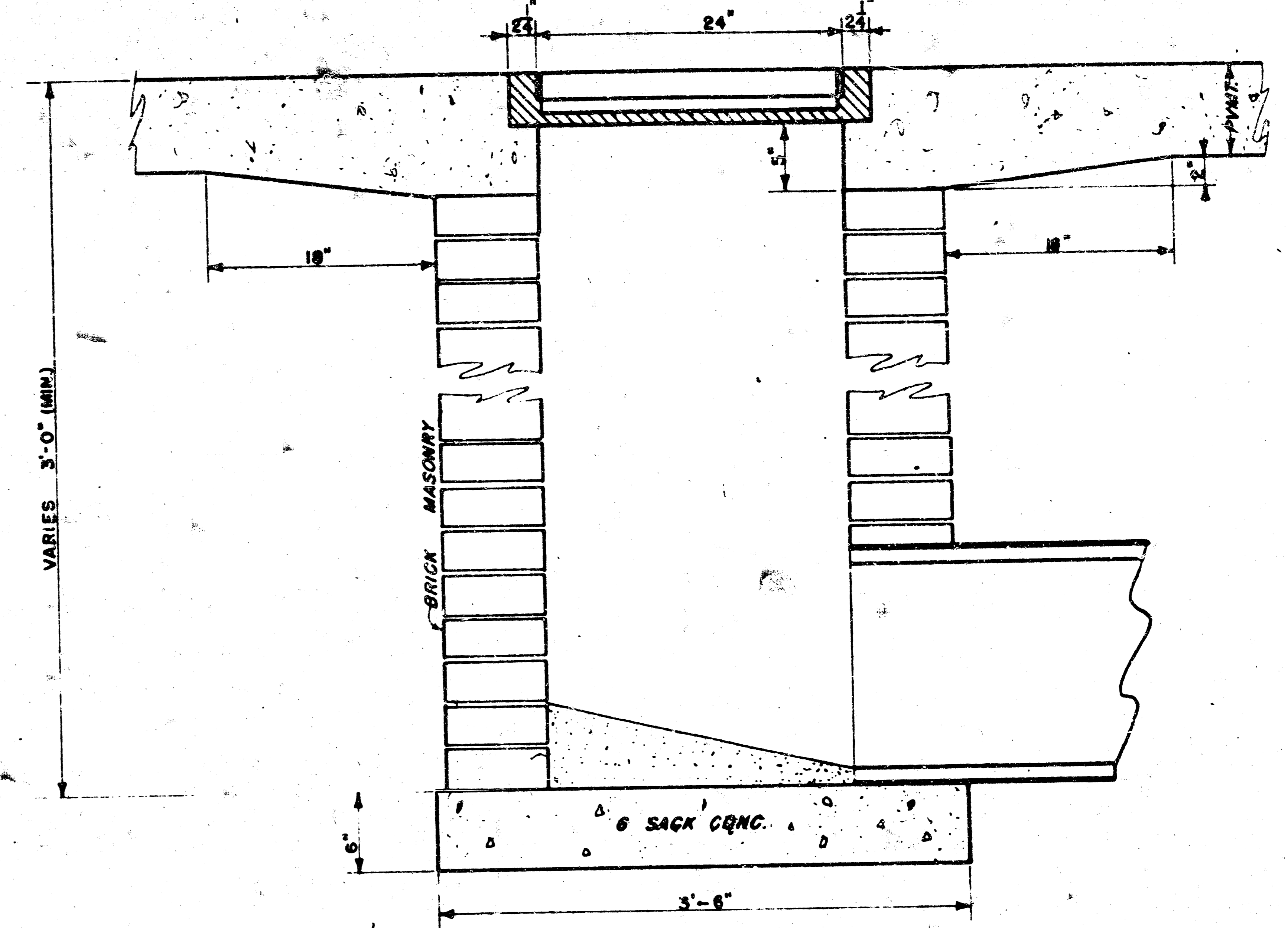
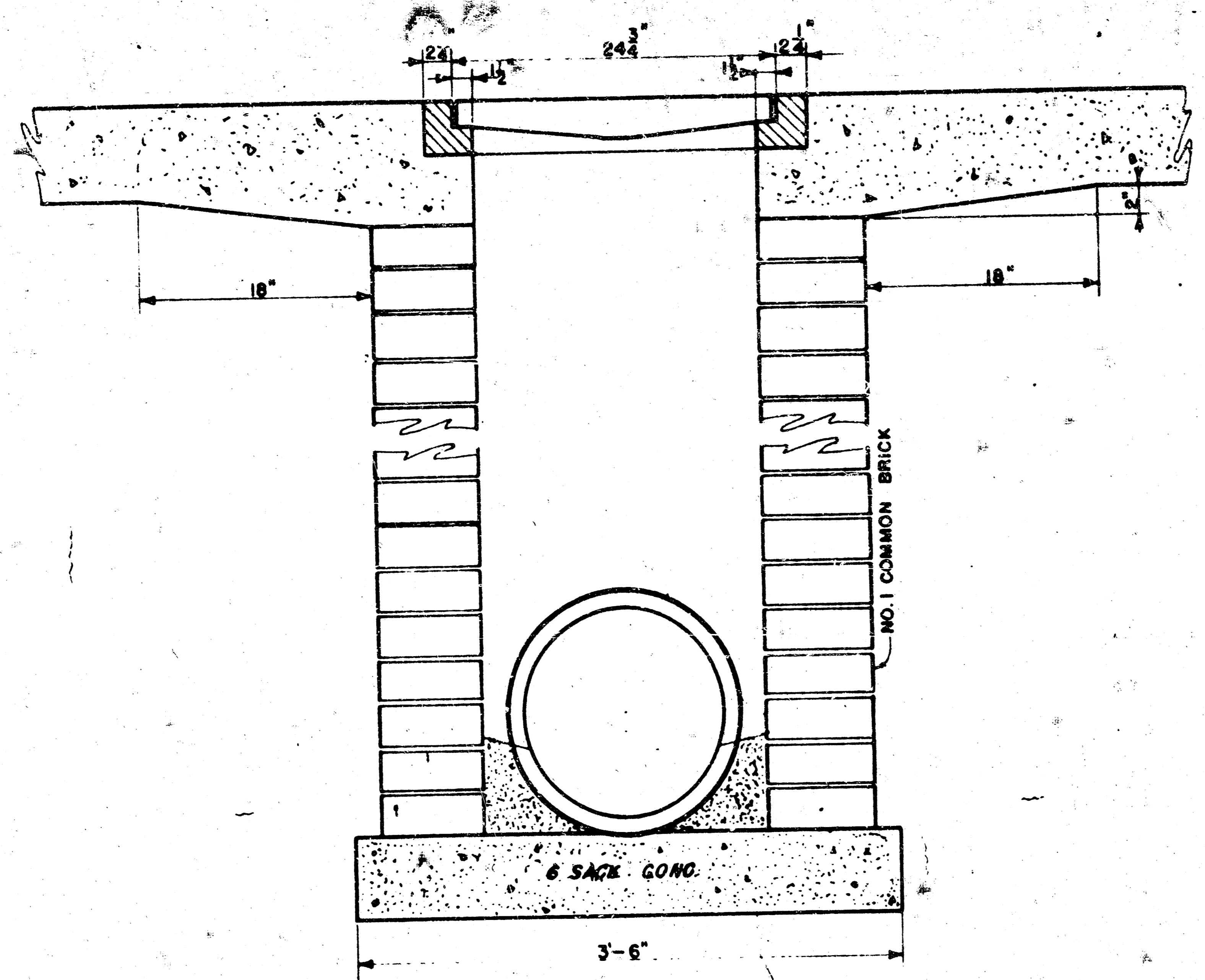
24"x24" Frame & Grate Detail



USE 2-No. 400 G (Grates)

#408F (Frame) WEIGHT = 460 LBS.

Double 24"x24" Frame Detail



DROP INLET DETAIL

R.W. Linn City Engineer
City of Wichita, Kansas

Project
Project No.

Date: