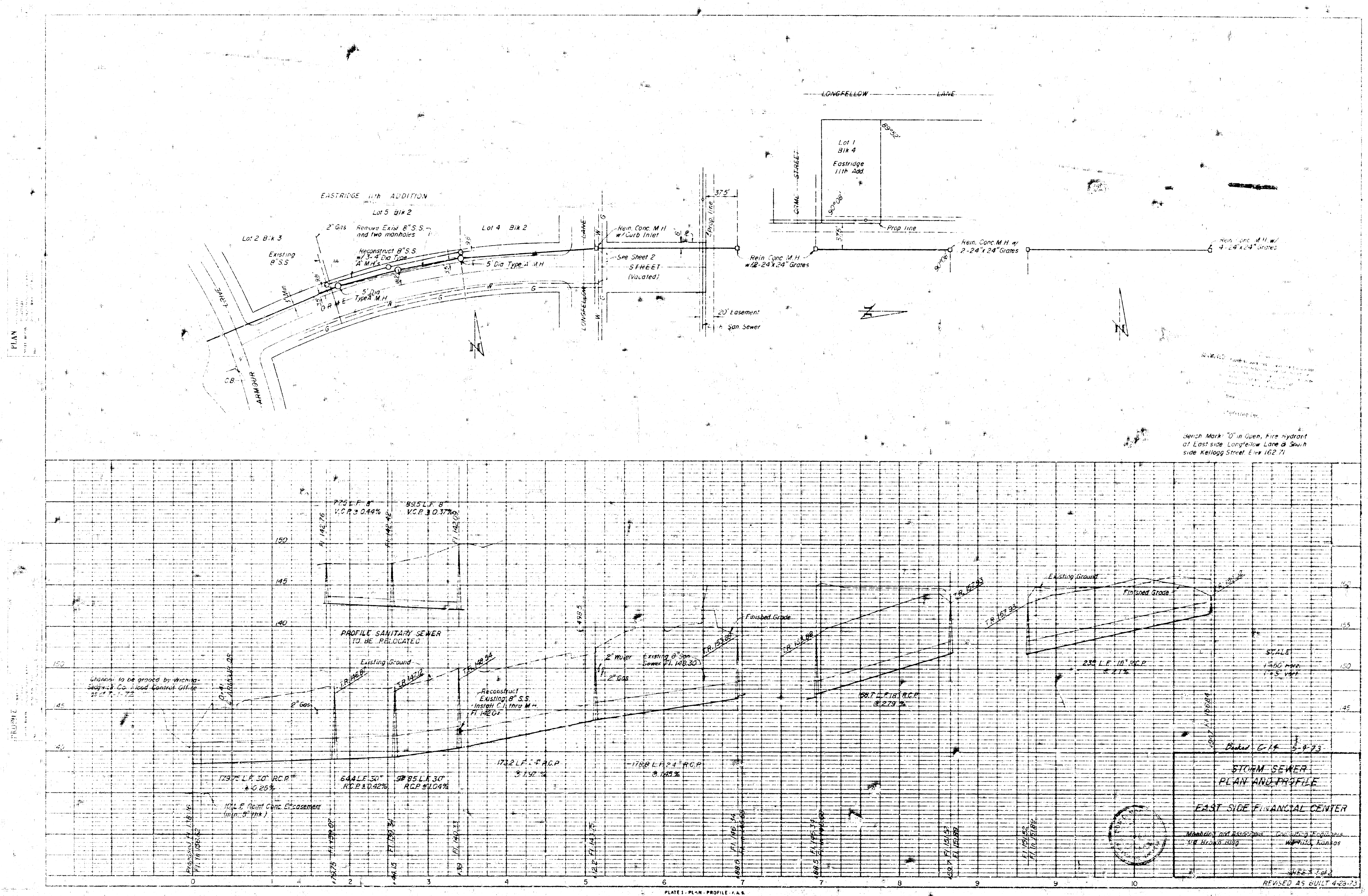

PLAN
EASTRIDGE 11th ADDITION
Lot 5 Blk 2
Lot 2 Blk 3
Lot 4 Blk 2
Existing 8" S.S.
2" Gas
Remove Exist. 8" S.S. and two manholes
Reconstruct 8" S.S. w/ 3-4' Dia Type "A" M.H.'s
5' Dia Type "A" M.H.
5' Dia Type "A" M.H.
3' Min
9.8'
3.5'
18.2'
ORME
DRIVE
ARMOUR
C.B.
W
G
LONGFELLOW LANE
Rein. Conc. M.H. w/Curb Inlet
See Sheet 2
STREET (Vacated)
Prop line
37.5'
20' Easement
San. Sewer
Rein. Conc. M.H. w/2-24"x24" Grates
LONGFELLOW LANE
ORME STREET
Lot 1 Blk 4 Eastridge 11th Add.
89°52'
90°08'
Prop line
37.5'
Rein. Conc. M.H. w/ 2-24"x24" Grates
90°08'
Rein. Conc. M.H. w/ 4-24"x24" Grates
N
N
N
Bench Mark: "O" in Open, Fire Hydrant at East side Longfellow Lane & South side Kellogg Street. Elev. 162.71
PROFILE
77.5 L.F. 8" V.C.P. @ 0.44%
89.5 L.F. 8" V.C.P. @ 0.37%
Fl. 142.76
Fl. 142.42
Fl. 142.09
150
145
140
PROFILE SANITARY SEWER TO BE RELOCATED
Channel to be graded by Wichita-Sedgwick Co. Flood Control Office as of 7-1-72
℄ ARMOUR DR.
Existing Ground
2" Gas
T.R. 146.87
T.R. 147.12
T.R. 148.54
Reconstruct Existing 8" S.S. Install C.I. thru M.H. Fl. 142.0±
2" Water
2" Gas
Existing 8" San. Sewer Fl. 148.30
Finished Grade
T.R. 153.88
T.R. 153.88
T.R. 157.93
T.R. 157.93
Existing Ground
Finished Grade
T.R. 159.17
179.75 L.F. 30" R.C.P. @ 0.25%
10 L.F. Reinf. Conc. Encasement (min. 9" thk.)
64.4 L.F. 30" R.C.P. @ 0.42%
94.85 L.F. 30" R.C.P. @ 1.04%
173.2 L.F. 24" R.C.P. @ 1.92%
178.8 L.F. 24" R.C.P. @ 3.145%
188.7 L.F. 18" R.C.P. @ 2.79%
233 L.F. 18" R.C.P. @ 2.1%
SCALE 1" = 50' horz. 1" = 5' vert.
Proposed Fl. 138.16
Fl. in 138.62
+79.75 Fl. 139.07
+44.15 Fl. 139.34
+39 Fl. 140.33
+12.2 Fl. 143.75
+98.5
+88.6 Fl. 146.34
Fl. in 146.68
+88.5 Fl. 146.34
+89.7 Fl. 151.53
Fl. in 151.89
Fl. 151.52
Fl. in 151.88
+91.7 Fl. 156.84
0
1
2
3
4
5
6
7
7
8
9
9
10

Backed G-14 5-4-73

STORM SEWER
PLAN AND PROFILE

EAST SIDE FINANCIAL CENTER

Moehring and Associates Consulting Engineers
318 Brown Bldg. Wichita, Kansas

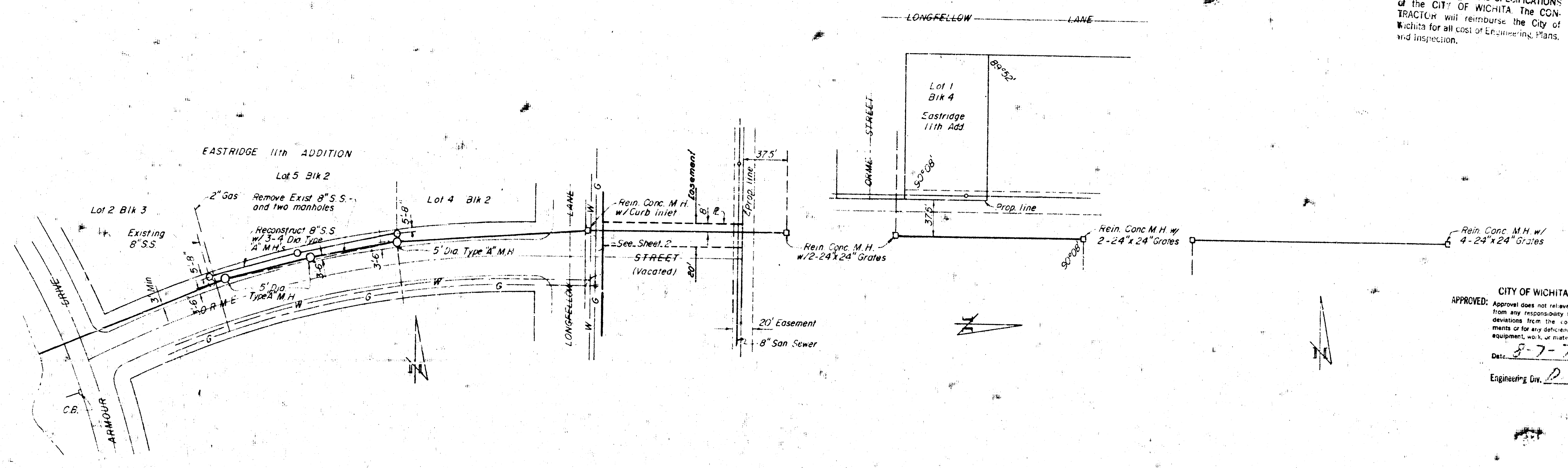
SHEET 1 of 2

REVISED AS BUILT 4-23-73

PLATE 1 - PLAN - PROFILE - F.A.S.
CLEARPRINT PAPER CO., S.F. CAL.
NO. 1000H-1

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of Engineering, Plans, and Inspection.


EASTRIDGE 11th ADDITION
Lot 5 Blk 2
Lot 2 Blk 3
Lot 4 Blk 2
2" Gas
Remove Exist 8" S.S. and two manholes
Existing 8" S.S.
Reconstruct 8" S.S w/ 3-4 Dia Type "A" M.H.'s
5'-8"
3'-6"
3' Min
5' Dia. Type "A" M.H
5' Dia Type "A" M.H
ORME
W
G
DRIVE
ARMOUR
C.B.
LANE
LONGFELLOW
Rein. Conc. M.H. w/Curb inlet
See Sheet 2
STREET (Vacated)
Easement
8'
20'
Prop. line
37.5'
20' Easement
8" San Sewer
Rein. Conc. M.H. w/2-24"x24" Grates
LONGFELLOW LANE
ORME STREET
Lot 1 Blk 4 Eastridge 11th Add
89°52'
90°08'
Prop. line
Rein. Conc. M.H. w/ 2-24"x24" Grates
Rein. Conc. M.H. w/ 4-24"x24" Grates
N

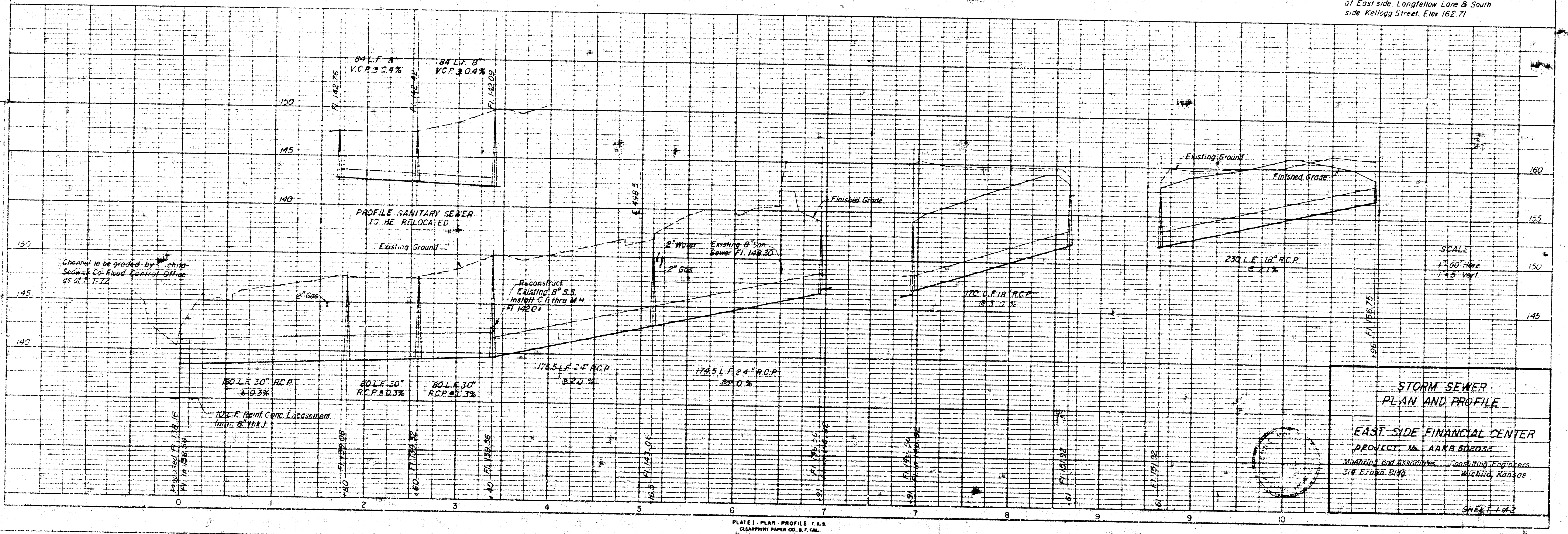
CITY OF WICHITA

APPROVED: Approval does not relieve the contractor from any responsibility for errors or deviations from the contract requirements or for any deficiencies of equipment, work, or materials.

Date 8-7-72

Engineering Div. D. E. S.

Bench Mark: "O" in Open, Fire Hydrant at East side Longfellow Lane & South side Kellogg Street. Elev. 162.71


84 L.F. 8" V.C.P. @ 0.4%
84 L.F. 8" V.C.P. @ 0.4%
Fl. 142.76
Fl. 142.42
Fl. 142.09
PROFILE SANITARY SEWER TO BE RELOCATED
Existing Ground
Channel to be graded by Wichita-Sedgwick Co. Flood Control Office as of 7-1-72
2" Gas
Reconstruct Existing 8" S.S. Install C.I. thru M.H. Fl. 142.0±
2" Water
Existing 8" San. Sewer Fl. 148.30
2" Gas
℄ 4+98.5
Finished Grade
Existing Ground
Finished Grade
180 L.F. 30" R.C.P. @ 0.3%
80 L.F. 30" R.C.P. @ 0.3%
80 L.F. 30" R.C.P. @ 0.3%
175.5 L.F. 24" R.C.P. @ 2.0%
174.5 L.F. 24" R.C.P. @ 2.0%
170 L.F. 18" R.C.P. @ 3.0%
230 L.F. 18" R.C.P. @ 2.1%
10 L.F. Reinf. Conc. Encasement (min. 8" thk.)
Proposed Fl. 138.16
Fl. in 138.54
Fl. 139.08
Fl. 139.32
Fl. 139.56
Fl. 143.06
Fl. 151.92
Fl. 151.92
Fl. 156.75
+80
+60
+40
+15.5
+91
+61
+96
150
145
140
160
155
0
1
2
3
4
5
6
7
8
9
10
SCALE
1" = 50' Horiz.
1" = 5' Vert.

STORM SEWER
PLAN AND PROFILE

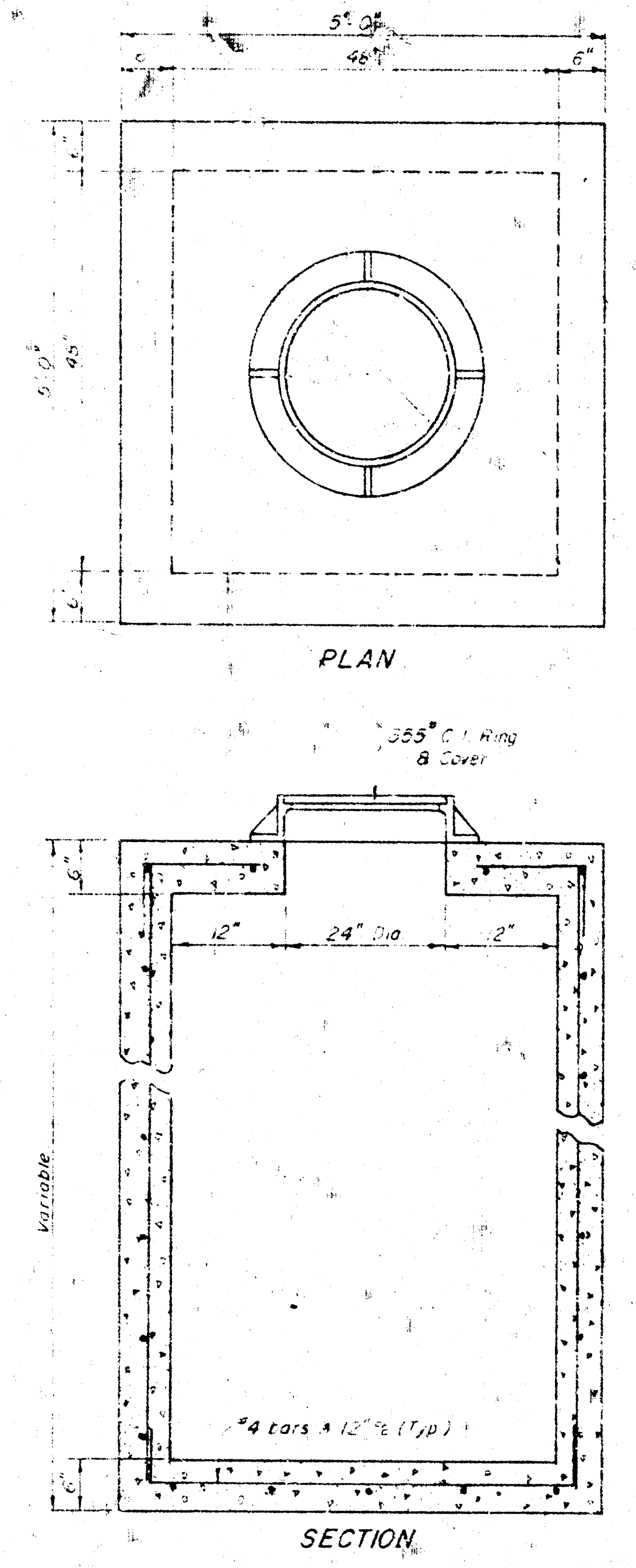
EAST SIDE FINANCIAL CENTER

PROJECT No. AAKB 502032

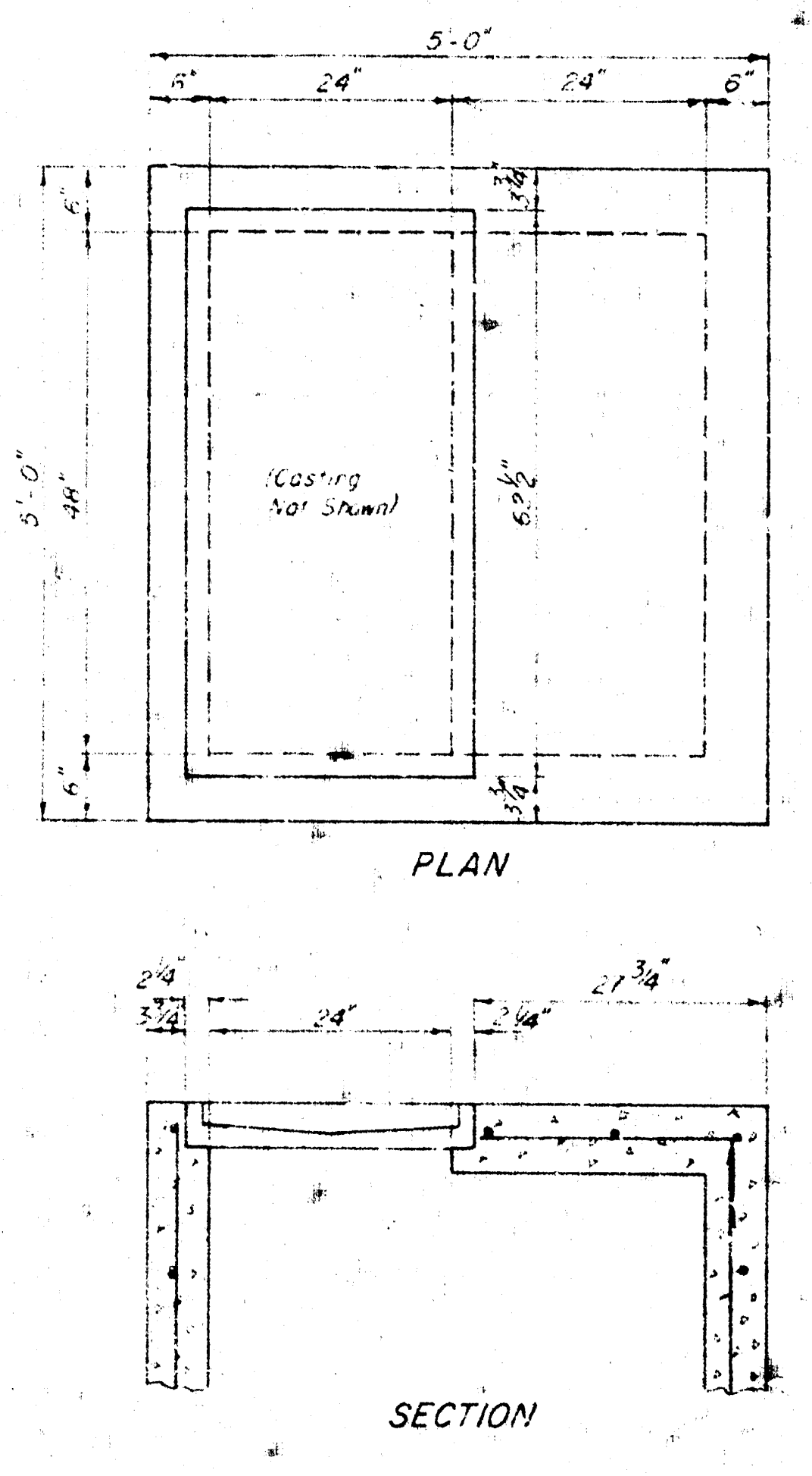
Moehring and Associates Consulting Engineers
314 Brown Bldg. Wichita, Kansas

SHEET 1 of 2

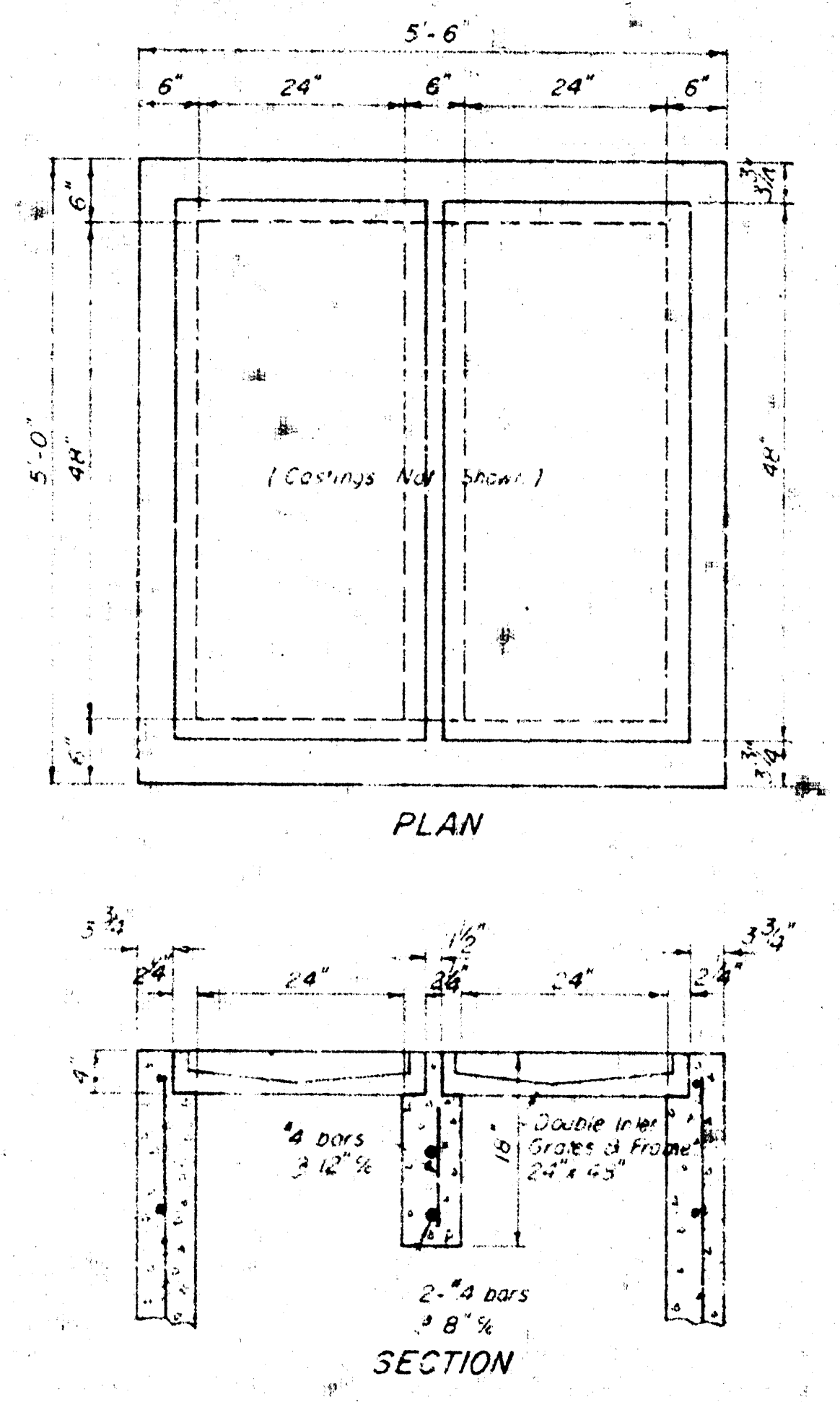
PLATE 1 - PLAN - PROFILE - F.A.S.
CLEARPRINT PAPER CO., S.F. CAL.
NO. 1000H-1


5'-0"
48"
6"
5'-0"
48"
PLAN
355# C.I. Ring & Cover
6"
12"
24" Dia
12"
Variable
#4 bars @ 12" c.c. (Typ.)
SECTION

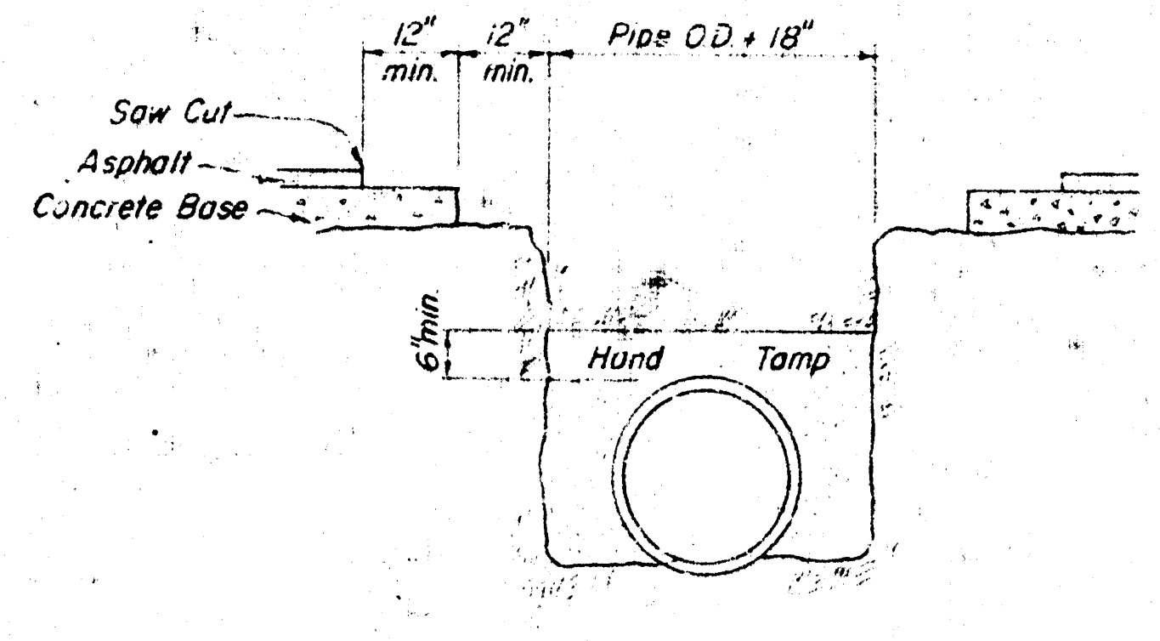
REINFORCED CONCRETE MANHOLE


5'-0"
6"
24"
24"
6"
5'-0"
48"
6"
3/4"
(Casting Not Shown)
62 1/2"
PLAN
2 1/4"
3 3/4"
24"
2 1/4"
27 3/4"
SECTION

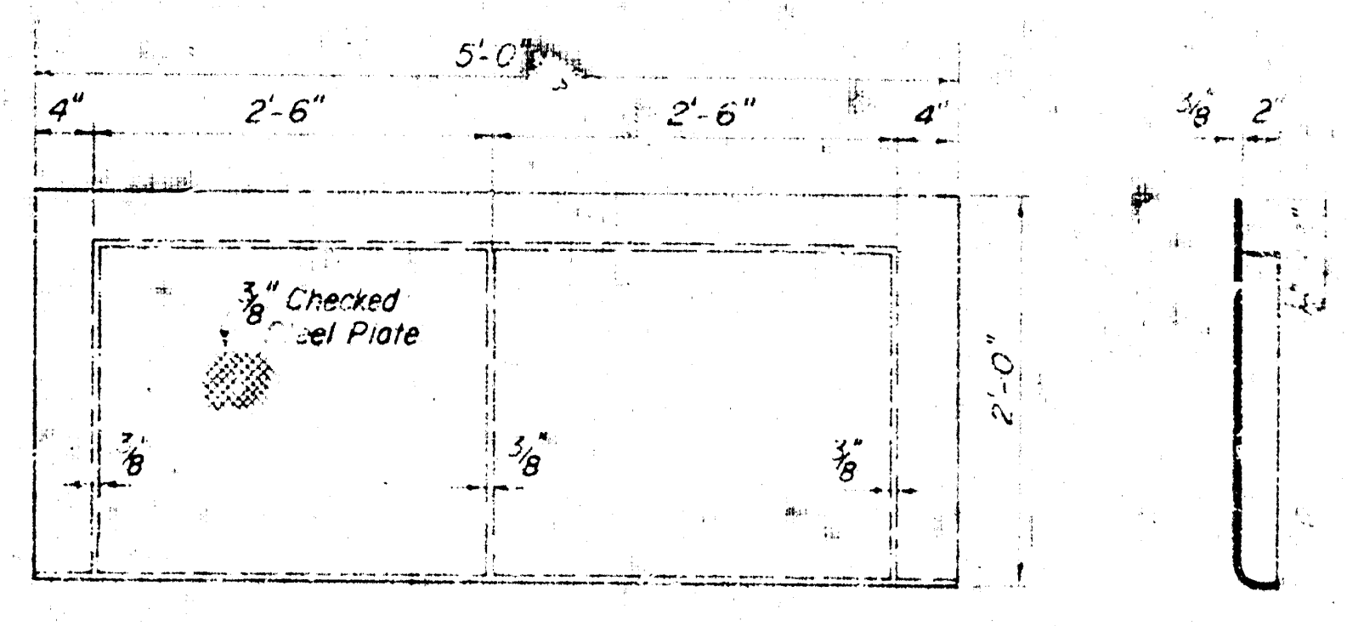
2-GRATE DROP INLET MANHOLE


5'-6"
6"
24"
6"
24"
6"
5'-0"
48"
(Castings Not Shown)
PLAN
3 3/4"
2 1/4"
24"
1 1/2"
24"
#4 bars @ 12" c.c.
Double Inlet Grates & Frame 24" x 45"
2-#4 bars @ 8" c.c.
SECTION

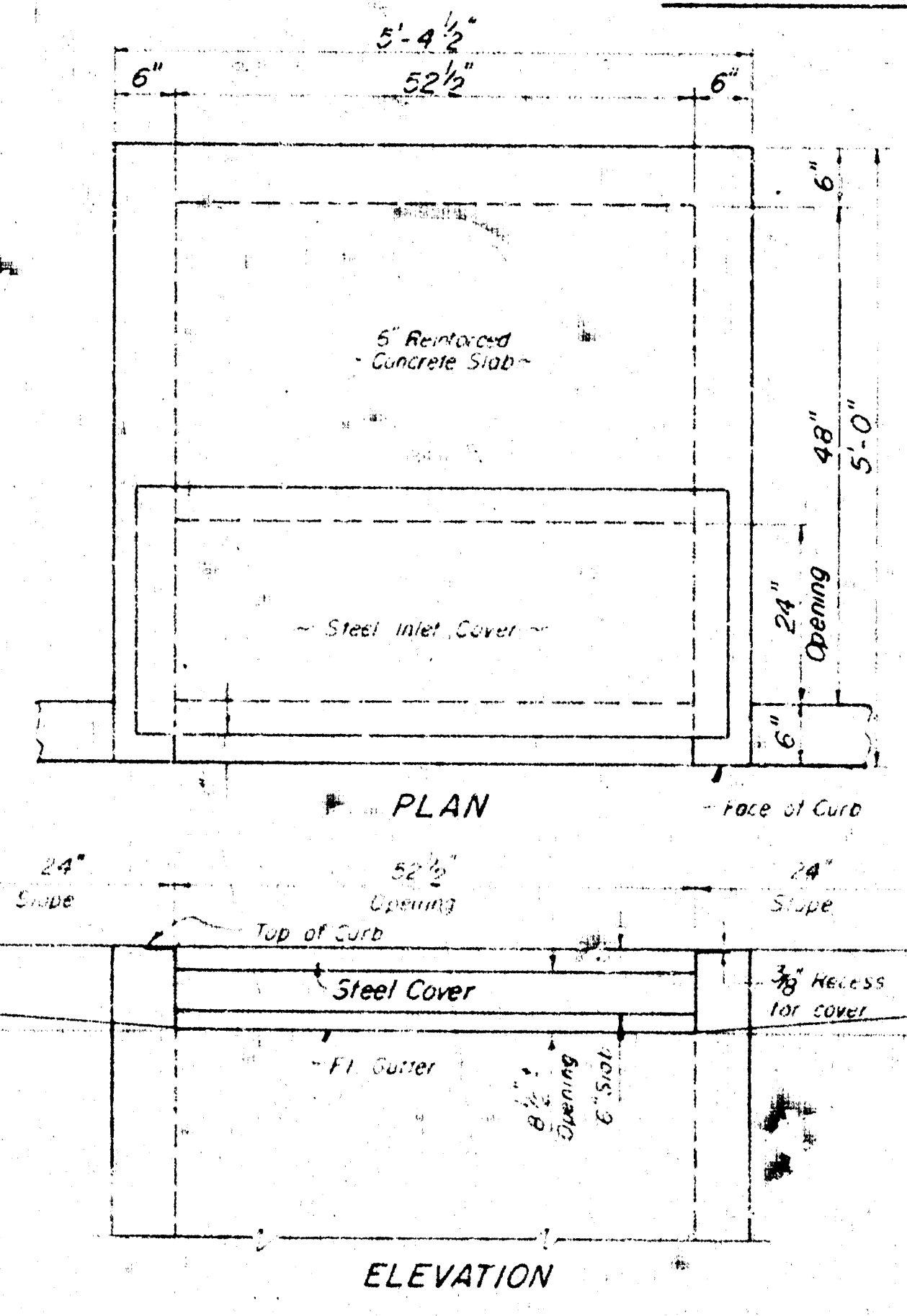
4-GRATE DROP INLET MANHOLE


12" min.
12" min.
Pipe OD + 18"
Saw Cut
Asphalt
Concrete Base
6" min.
Hand Tamp

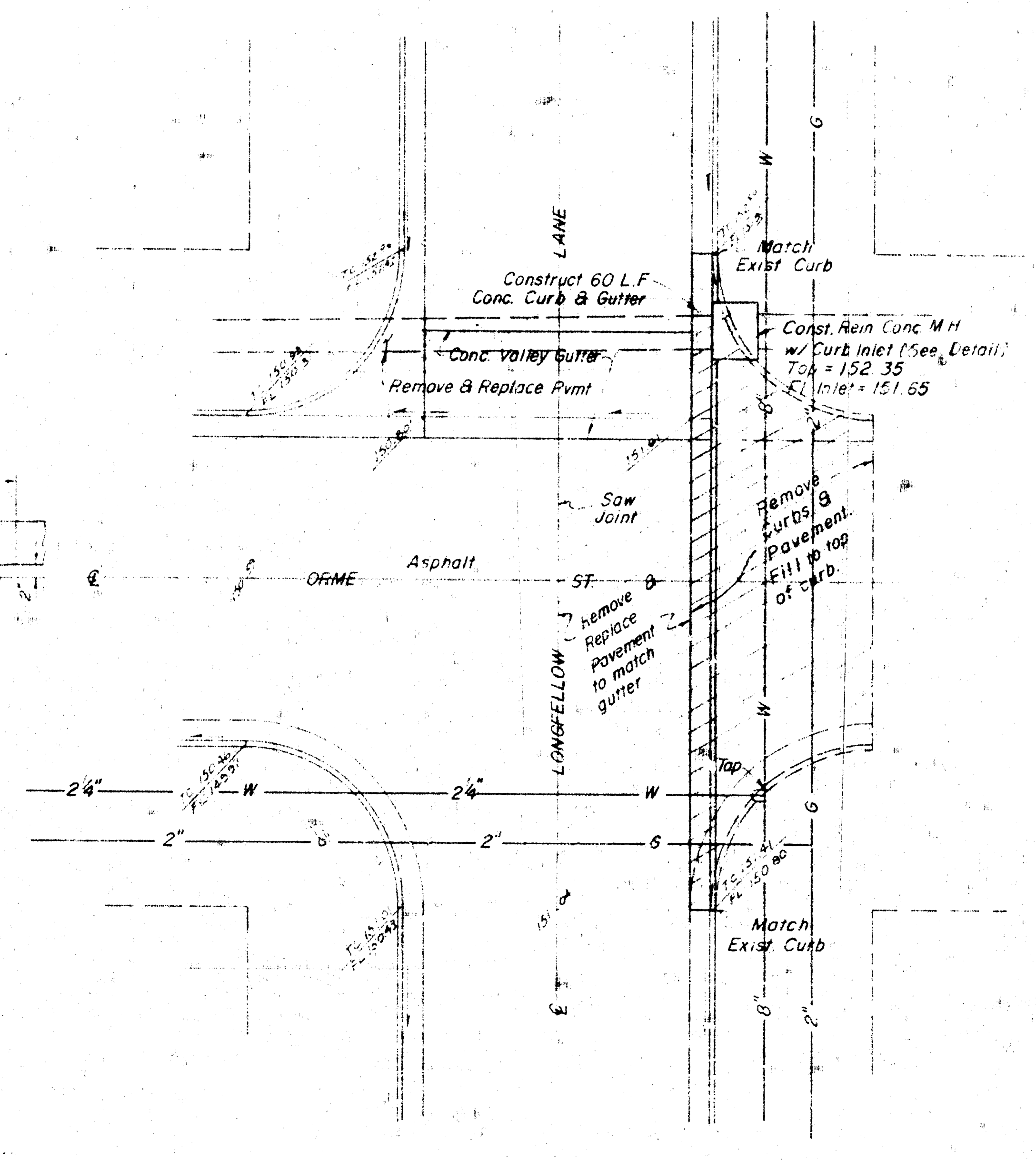
TRENCH DETAIL


5'-0"
4"
2'-6"
2'-6"
4"
3/8" Checked Steel Plate
3/8"
3/8"
3/8"
2'-0"
3/8"
2"

STEEL INLET COVER

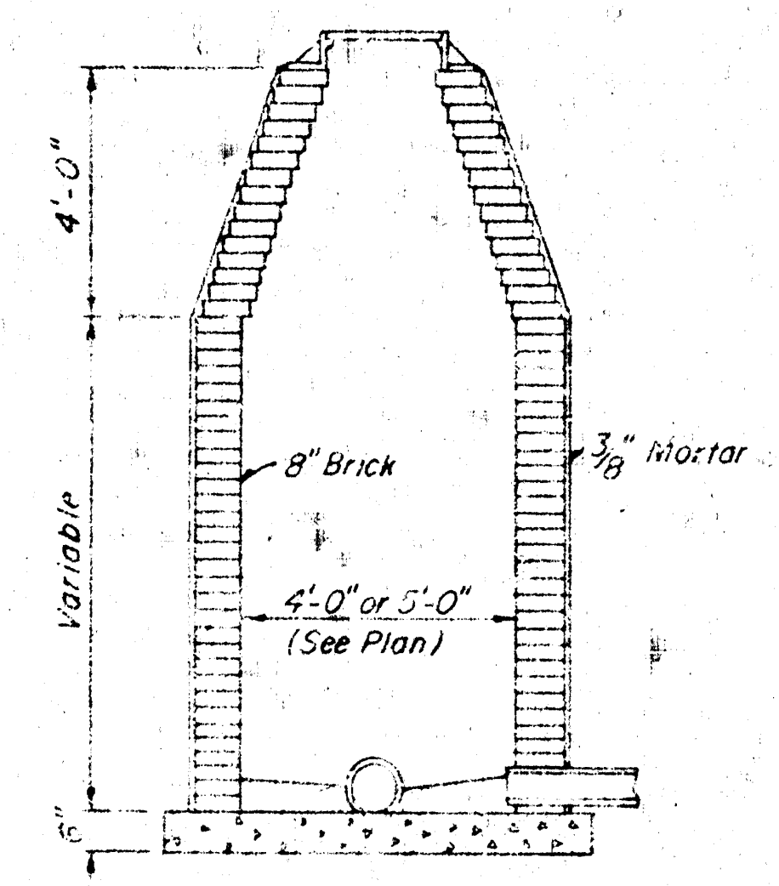

5'-4 1/2"
6"
52 1/2"
6"
6"
5" Reinforced Concrete Slab
48"
5'-0"
Steel Inlet Cover
24" Opening
6"
PLAN
Face of Curb
24" Slope
52 1/2" Opening
24" Slope
Top of Curb
Steel Cover
3/8" Recess for cover
Fl. Gutter
8 1/2" Opening
6" Slot
2"
2"
ELEVATION

REINFORCED CONCRETE CURB INLET MANHOLE

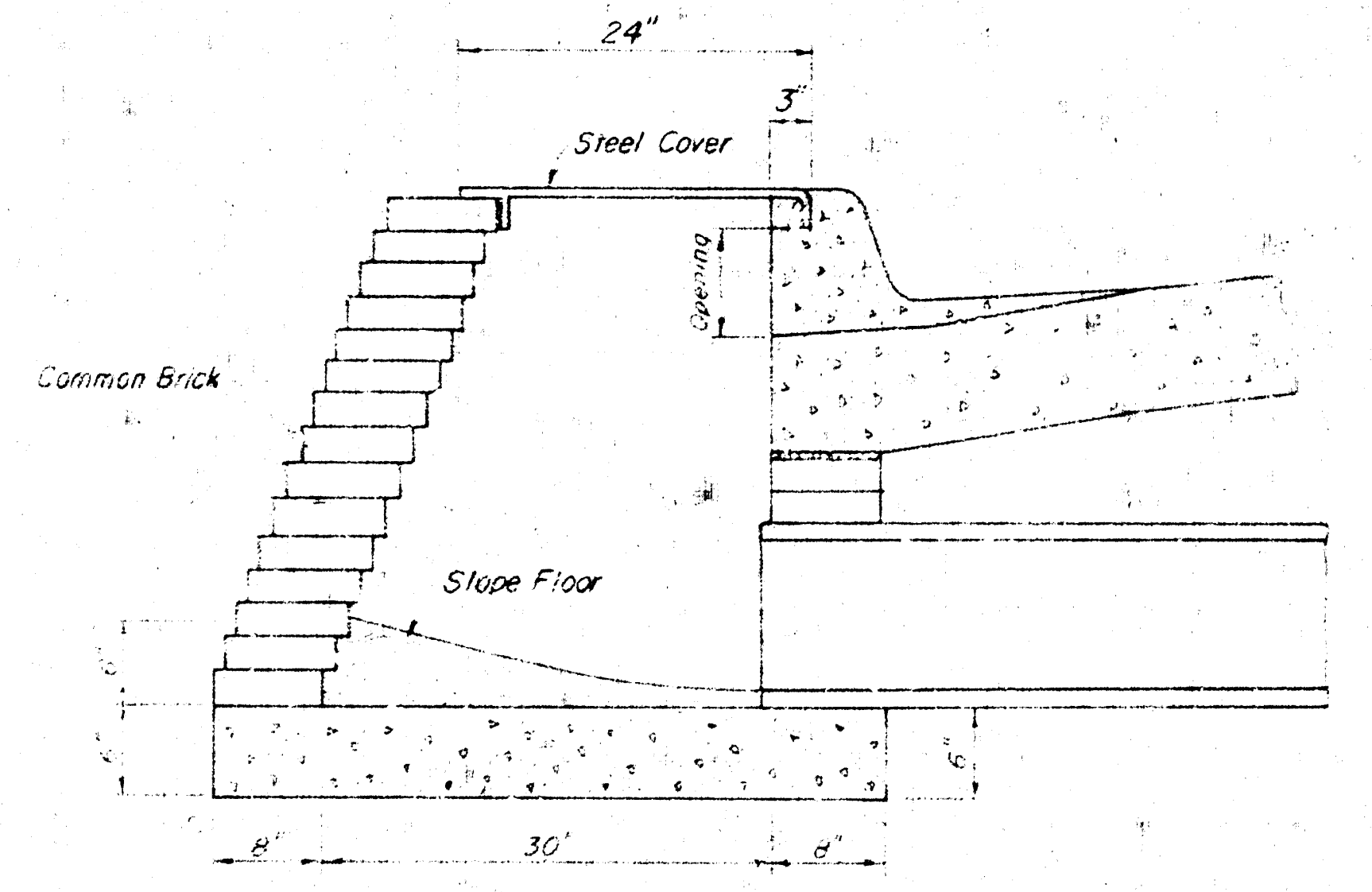

LANE
Match Exist Curb
Construct 60 L.F. Conc. Curb & Gutter
Const. Rein Conc. M.H. w/ Curb Inlet (See Detail) Top = 152.35 FL Inlet = 151.65
Conc. Valley Gutter
Remove & Replace Pvmt
Saw Joint
Remove Curbs & Pavement. Fill to top of curb.
ORME
Asphalt
ST.
Remove Replace Pavement to match gutter
LONGFELLOW
Tap
2 1/4"
W
2 1/4"
W
2"
G
2"
G
Match Exist Curb
8"
2"

PLAN OF INTERSECTION
ORME STREET & LONGFELLOW LANE

1" = 10'


4'-0"
Variable
8" Brick
3/8" Mortar
4'-0" or 5'-0" (See Plan)
6"

STANDARD BRICK MANHOLE TYPE "A"


24"
3"
Steel Cover
Opening
Common Brick
Slope Floor
6"
8"
30"
8"

CURB INLET CATCH BASIN

NOTE: All castings City of Wichita standards
Concrete shall contain 6 sacks cement
per cubic yard

STORM SEWER
PLAN AND PROFILE

EAST SIDE FINANCIAL CENTER

Moehring and Associates
314 Brown Bldg
Consulting Engineers
Wichita, Kansas

SHEET 2 of 2

14 4 1 16