

STORM SEWER PLANS FOR

PHASE I

BEACON VILLAGE

S.W.S. NO. 388

PROJECT NO.

468-76-245-81979-000-00C-001

INDEX NO. 750034

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

JULY, 1989

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY TREES. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY TREES WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH TREES SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
2. THE TOPS OF INLET AND MANHOLE AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS. INLET DEPRESSIONS NEED TO BE TIED TO CURB, GUTTER AND PAVING.
3. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
4. UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT OF WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

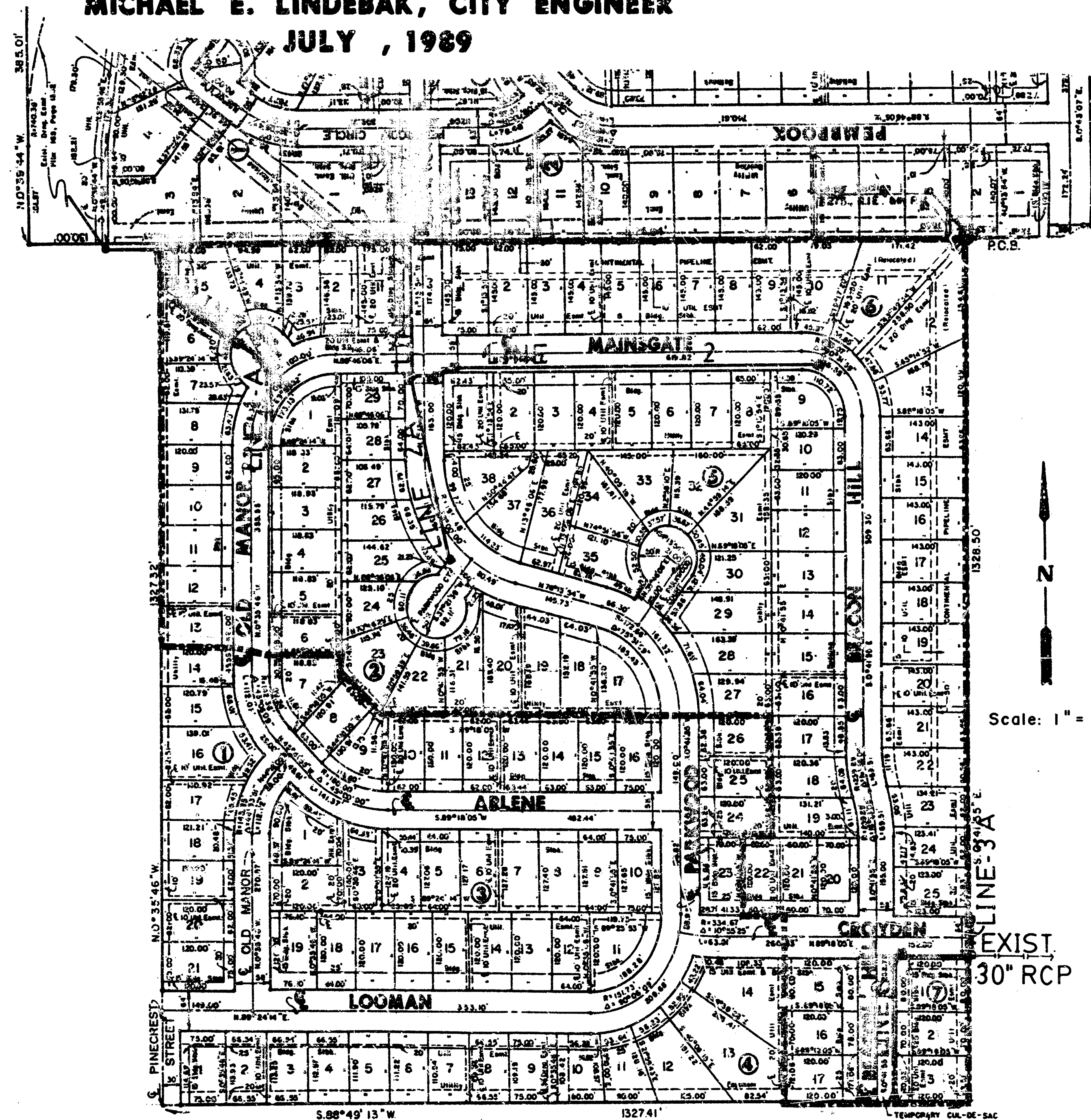
NOTE: NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY EXCAVATION:

KANSAS ONE-CALL 1-800-344-7233
 BELL TELEPHONE COMPANY 1-316-571-2115
 CABLEVISION 262-4270 or 263-2061
 KIP GAS COMPANY 263-7511
 KANSAS GAS & ELECTRIC 264-1141
 CITY OF WICHITA WATER DEPT. 268-4908
 CITY OF WICHITA SEWER DEPT. 268-4071
 CONTINENTAL PIPELINE CO. 1-405-767-2367
 (CONOCO PIPELINE CO.)

5. TREES TO BE REMOVED ARE MARKED (X). ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.
6. THE INLET DETAIL SHEETS IN THIS SET OF PLANS REFLECT THE RECENT MODIFICATIONS WHICH HAVE BEEN MADE TO THE STANDARD CITY OF WICHITA TYPE 1-A CURB INLETS. THESE DETAIL SHEETS NEED TO BE REVIEWED BY CONTRACTOR.
7. BEACON HILL WOOD FENCE WILL NEED TO BE REMOVED FOR CONSTRUCTION AND REPLACED AFTER CONSTRUCTION.

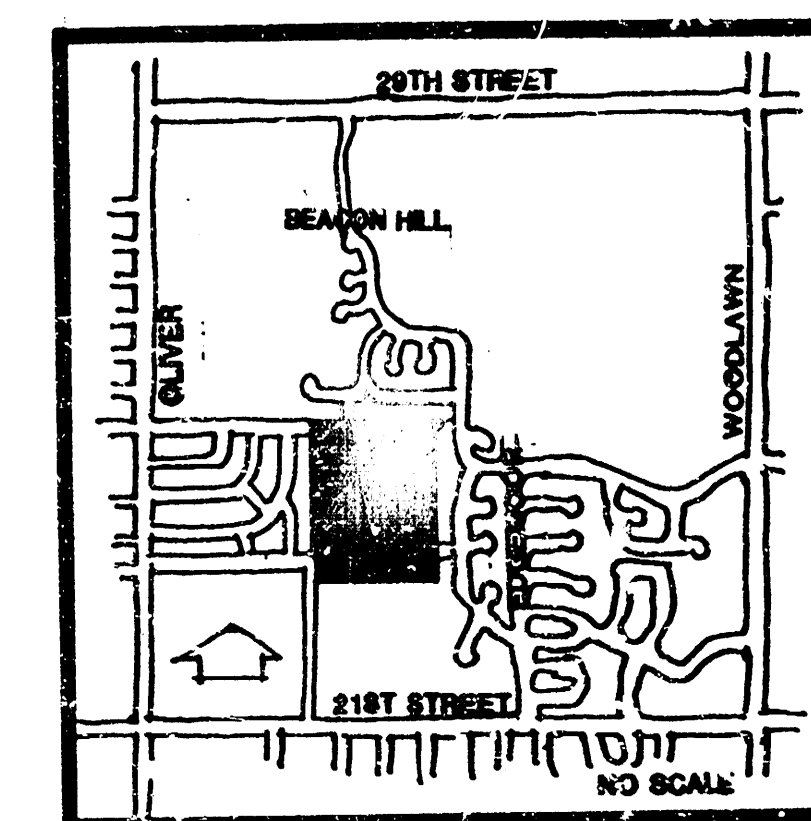
BENCH MARKS

- B.M. #1: "□" Cut on Top of Curb between Lots 1 & 2, Block 1, Beacon Hill Addition. ELEV. = 173.45
- B.M. #2: "□" Cut on Top of Curb between Lots 9 & 10, Block 2, Beacon Hill Addition. ELEV. = 177.34
- B.M. #3: "□" Cut on Top of Curb at West end of Southwest return at Pembroke and Ridgewood. ELEV. = 175.28
- B.M. #4: "□" Cut on Top of Curb at North end of Northwest Return Ridgewood & Crayden. ELEV. = 134.21



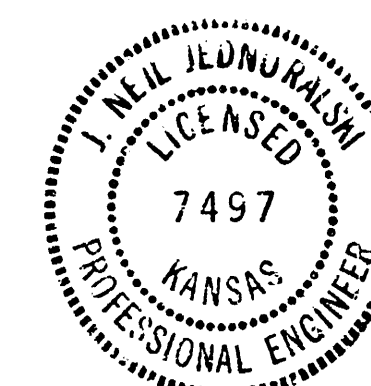
INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN & PROFILE LINE 1
3	PLAN & PROFILE LINE 1A & 2
4	PLAN & PROFILE LINE 2
5	PLAN & PROFILE LINE 2A
6	PLAN & PROFILE LINE 3 & 3A
7	SPECIAL REINF. CONC. MANHOLE DTLS.
8	TYPE 1-A CURB INLET DETAILS (5-FT. OPENING)
9	TYPE 1-A CURB INLET DETAILS (10-FT. OPENING)
10	STD. SHALLOW TYPE 'B' MANHOLE DTLS.
11	DROP INLET DETAIL
12	FINAL PLAN



LOCATION MAP

Booked
12/89
mcg

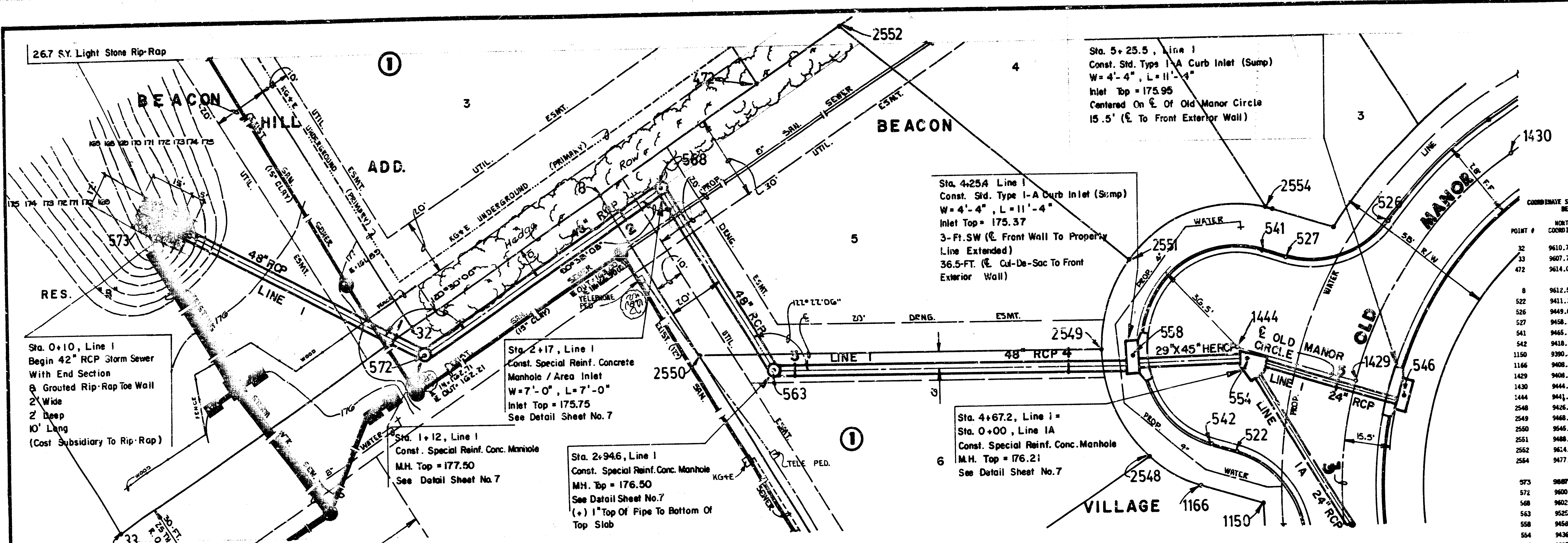


	BEACON VILLAGE PHASE I STORM WATER SEWER PLANS		Design JML Drawn by CLM Checked by Date JULY, 1989 Job no.
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		Sheet 1 of 12
	636-5566		
	MKEC PROJ. NO. 89-28-113-D		

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BEACON VILLAGE - PHASE I
STORM WATER SEWER NO. 388
PROJ. NO. 468-76-245-81979-000-000

Scale: 1" = 20' Horiz.
1" = 5' Vert.

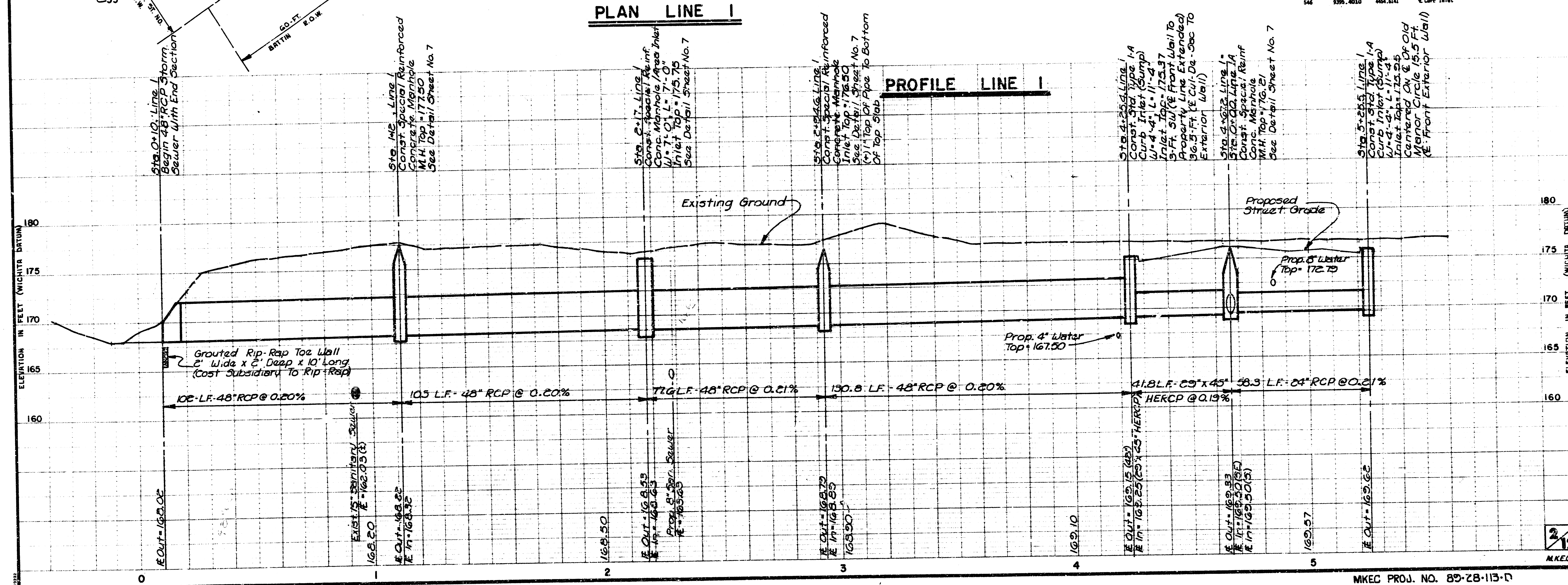


COORDINATE SYSTEM AS USED BY MDC FOR FINAL PLAN
BEACON HILL & BEACON VILLAGE

POINT #	NORTH COORDINATE	EAST COORDINATE	COMMENTS
32	9610.7091	4160.8796	Reserve 'S' Corner
33	9607.7148	4030.9096	Reserve 'S' Corner
472	9614.0028	4314.0762	Lot Corner
8	9612.5070	4244.5000	Lot Corner
527	9411.3692	4392.9428	Face PT
526	9449.0409	4482.9907	Face PT
527	9458.3505	4444.8342	Face PC
541	9465.3495	4438.4877	Face PT
542	9418.3679	4384.6063	Face PC
1150	9390.8308	4391.3033	Lot Corner
1166	9408.3003	4375.4868	Lot Corner
1429	9408.4999	4442.7546	E. Old Manor Circle
1430	9444.6847	4533.7097	E. Old Manor Circle
1444	9418.8867	4412.5530	E. Old Manor Circle
1540	9416.9354	4364.8310	Lot Corner
2549	9468.1858	4370.2446	Lot Corner
2550	9546.5106	4246.1970	Lot Corner
2551	9488.5184	4356.6387	Lot Corner
2552	9614.7854	4350.4755	Lot Corner
2554	9477.0703	4448.0505	Lot Corner
573	9887.4329	4105.9789	0+10, Line 1
572	9600.6788	4159.6249	1+12
568	9602.19368	4254.4007	2+17
563	9525.2856	4255.4085	2+94.6
558	9454.9999	4377.8886	E. Old Manor Circle
554	9436.8259	4413.2089	4+67.2
546	9395.4010	4454.6141	E. Old Manor Circle

PLAN LINE 1

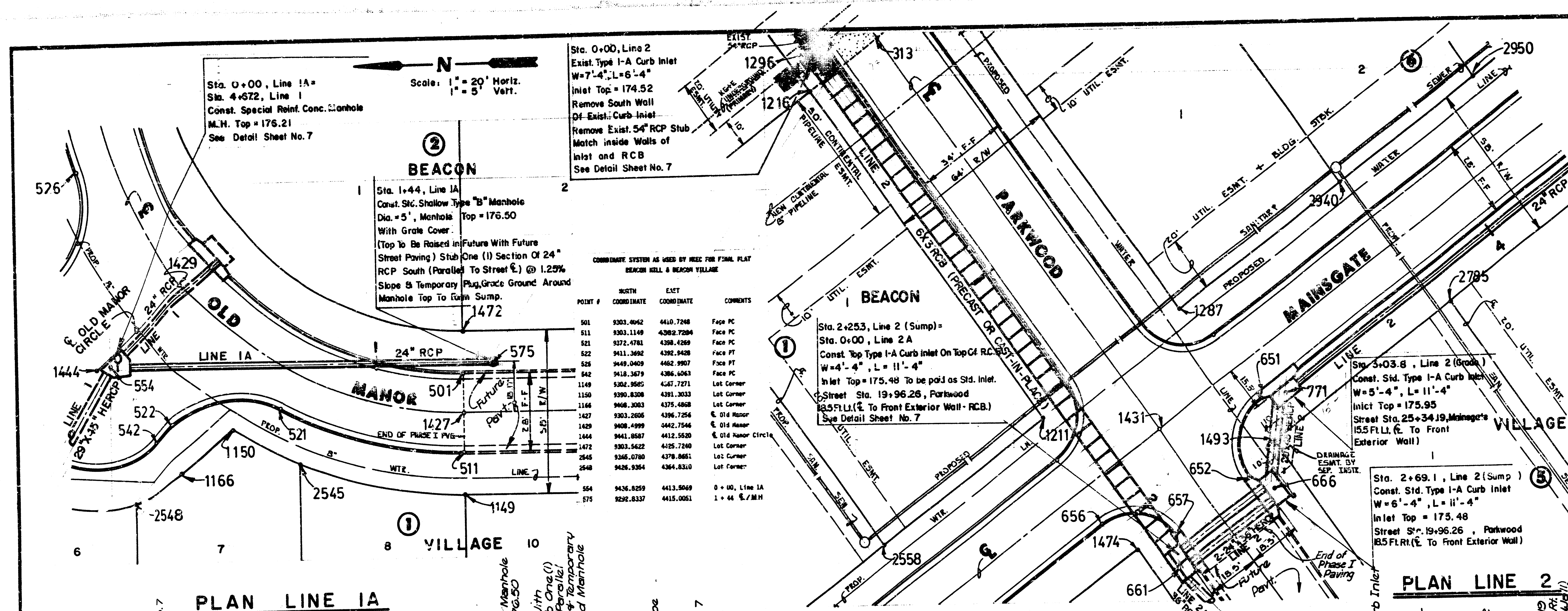
PROFILE LINE 1



MKEC PROJ. NO. 83-28-113-D

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BEACON VILLAGE
STORM WATER SEWER NO. 388
PROJ. NO. 468-76-245-81979-000000-00



COORDINATE SYSTEM AS USED BY MEE FOR FINAL PLAN
BEACON HILL & BEACON VILLAGE

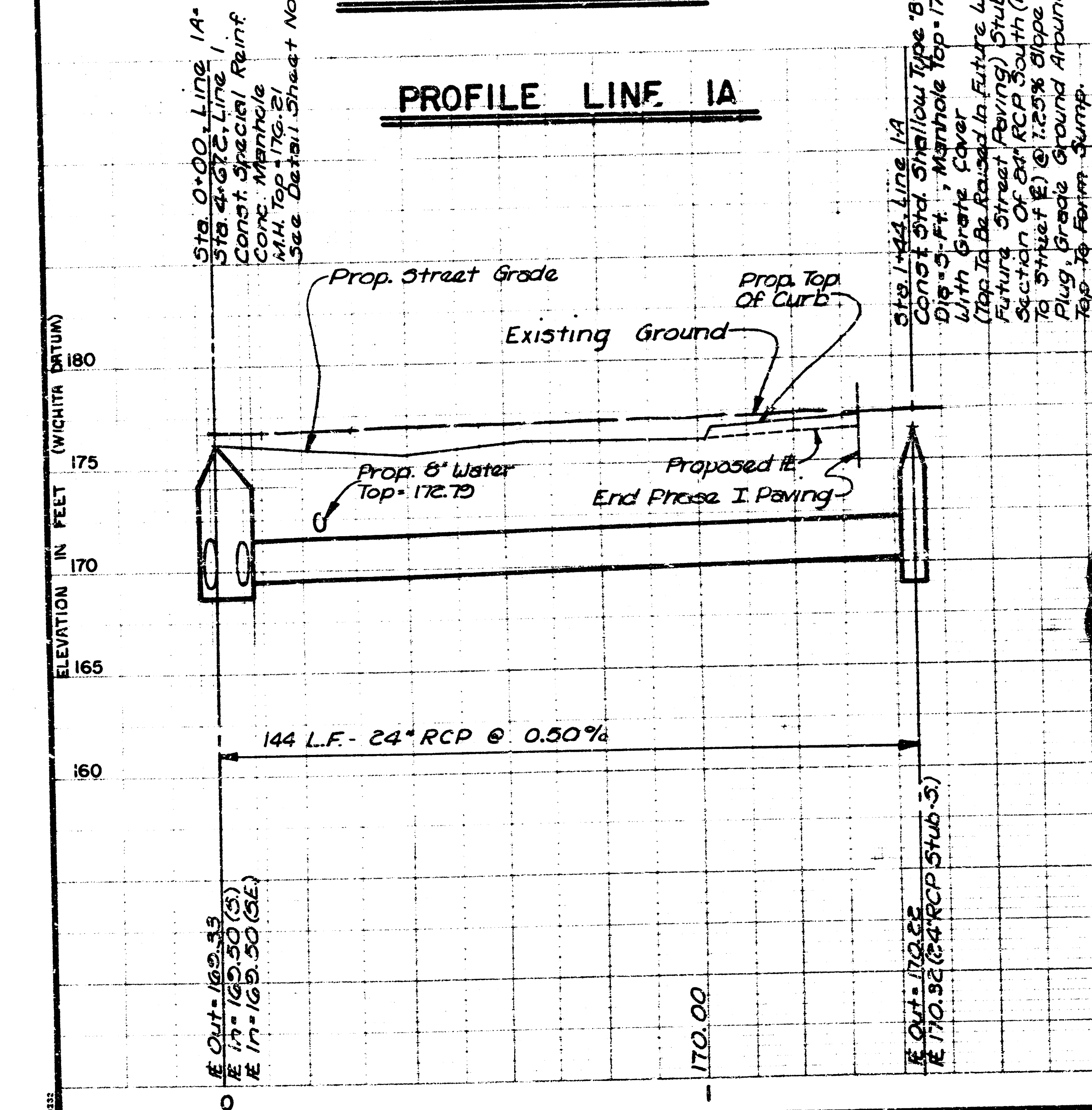
POINT #	NORTH COORDINATE	EAST COORDINATE	COMMENTS
501	9303.4062	4410.7248	Face PC
511	9303.1148	4392.7284	Face PC
521	9372.4781	4398.4280	Face PC
522	9411.3692	4392.8428	Face PT
525	9449.0409	4462.9907	Face PC
542	9418.3479	4386.4063	Face PC
1149	9302.9085	4367.7271	Lot Corner
1150	9390.8308	4391.3033	Lot Corner
1164	9408.3063	4375.4808	Lot Corner
1427	9303.2806	4396.7254	Q. Old Manor
1429	9408.4999	4462.7546	Q. Old Manor
1444	9441.8587	4412.5520	Q. Old Manor Circle
1472	9303.5422	4415.7240	Lot Corner
2545	9346.0780	4378.8851	Lot Corner
2548	9426.9354	4384.8310	Lot Corner
554	9436.8259	4413.5049	0+00, Line 1A
575	9292.8337	4415.0051	1+44, 5/8" M.H.

COORDINATE SYSTEM AS USED BY MEE FOR FINAL PLAN
BEACON HILL & BEACON VILLAGE

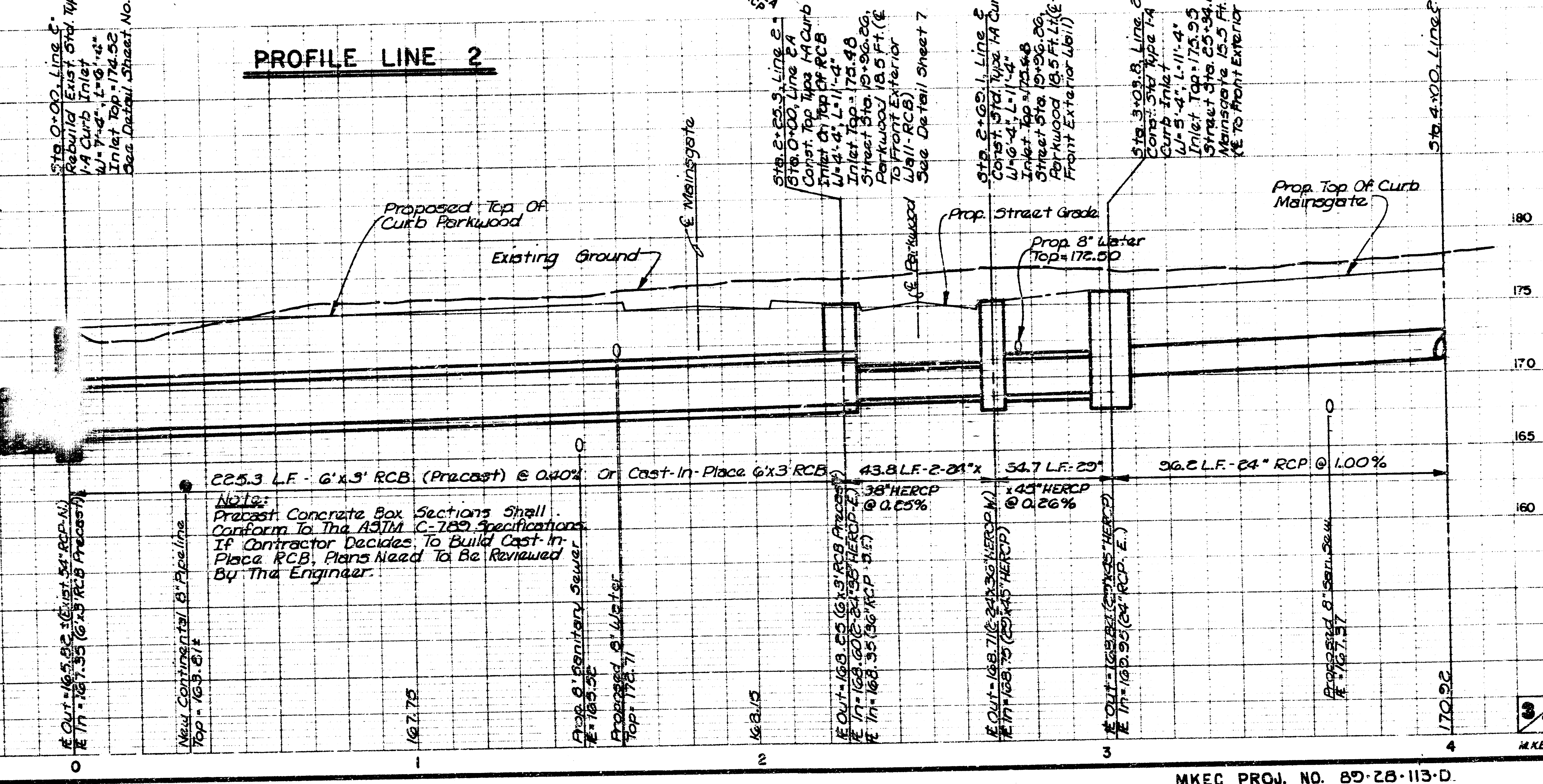
POINT #	NORTH COORDINATE	EAST COORDINATE	COMMENTS
313	9621.7640	4575.9926	E. Parkway
651	9434.4227	4717.0251	Face PC
652	9414.1975	4697.4096	Face PT
656	9433.0321	4643.0422	Face PC
657	9413.4666	4663.4675	Face PT
1211	9476.1297	4647.1168	Lot Corner
1216	9621.0962	4644.0000	Lot Corner
1287	9477.5084	4711.1026	Lot Corner
1431	9447.8242	4679.7327	E. Main Gate & Parkway
1474	9418.1431	4648.3635	Lot Corner
1493	9419.5188	4712.3487	Lot Corner
2568	9474.5174	4672.1343	Lot Corner
2785	9421.2046	4794.7887	Lot Corner
2940	9479.1174	4786.0946	Lot Corner
2980	9488.4882	4840.0703	Lot Corner
2994	9630.0250	4653.4020	Sta. 0+00, Line 2
661	9404.8504	4688.5485	E. Main & E. RCB
666	9405.7887	4702.3002	E. Inlet
771	9430.6384	4725.8727	Sta. 0+58

PLAN LINE 1A

PROFILE LINE 1A



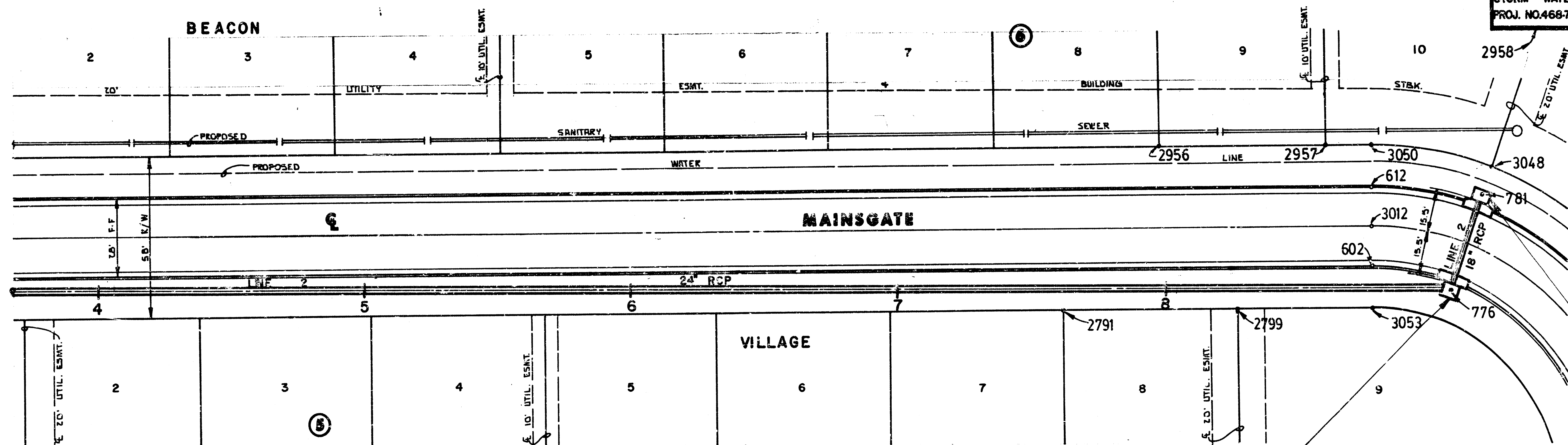
PROFILE LINE 2



MKEC PROJ. NO. 80-28-113-D

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BEACON VILLAGE
STORM WATER SEWER NO. 388
PROJ. NO.468-76-245-8979-000-000-001



Sta. 9+42.5, Line 2 (Sump)
Const. Std. Type I-A Curb Inlet
W=4'-4", L=6'-4"
Inlet Top = 182.59
Street Sta. 9+24.0, Mainsgate
15.5 Ft. (To Front Exterior Wall)
Centered On Lot Line 8 Esmt.

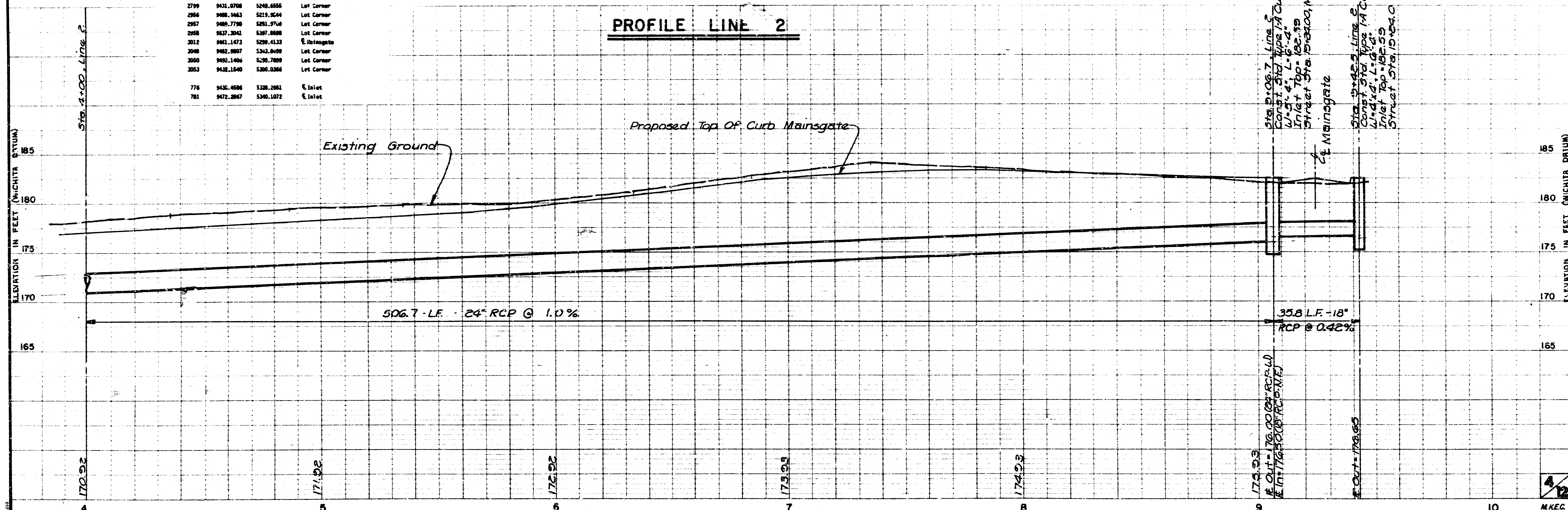
Sta. 9+06.7, Line 2 (Sump)
Const. Std. Type I-A Curb Inlet
W=5'-4", L=6'-4"
Inlet Top = 182.59
Street Sta. 19+24.0, Mainsgate
15.5 Ft. (To Front Exterior Wall)

PLAN LINE 2

COORDINATE SYSTEM AS USED BY MKEC FOR FINAL PLAT
BEACON VILLAGE

POINT #	NORTH COORDINATE	EAST COORDINATE	COMMENTS
602	9447.1505	5299.7142	Face PC
612	9475.1441	5299.1124	Face PC
2791	9429.6737	5184.6708	Lot Corner
2799	9431.6708	5249.6556	Lot Corner
2956	9486.3463	5219.9544	Lot Corner
2957	9486.7790	5281.9700	Lot Corner
2958	9437.2041	5307.8599	Lot Corner
3012	9461.1473	5299.4133	E. Mainsgate
3048	9482.8807	5343.8409	Lot Corner
3050	9482.1496	5298.7899	Lot Corner
3053	9432.1540	5300.0366	Lot Corner
776	9436.4686	5308.2081	E. Inlet
781	9472.2047	5340.1072	E. Inlet

PROFILE LINE 2



MKEC PROJ. NO. 89-28-113-D

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Scale: 1" = 20' Horiz.
1" = 5' Vert.

PLAN LINE 2A

Sta. 0+25.0, Line 2A
Const. Drop Inlet (Sump)
W = 5'-6", L = 3'-6"
Inlet Top = 174.00
Shape Ground Around Inlet for Depression to Catch Water Before it Reaches Intersection of Maingate & Parkwood (Cost Subsidiary to Inlet).

PROFILE LINE 2A

Existing Ground

TO BE BUILT AS PART OF PHASE II

25.0 LF
3% RCP
@ 100%

160-165

165-170

170-175

175-180

180-185

185-190

190-195

195-200

200-205

205-210

210-215

215-220

220-225

225-230

230-235

235-240

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785-790

790-795

795-800

800-805

805-810

810-815

815-820

820-825

825-830

830-835

835-840

840-845

845-850

850-855

855-860

860-865

865-870

870-875

875-880

880-885

885-890

890-895

895-900

900-905

905-910

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920-925

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935-940

940-945

945-950

950-955

955-960

960-965

965-970

970-975

975-980

980-985

985-990

990-995

995-1000

1000-1005

1005-1010

1010-1015

1015-1020

1020-1025

1025-1030

1030-1035

1035-1040

1040-1045

1045-1050

1050-1055

1055-1060

1060-1065

1065-1070

1070-1075

1075-1080

1080-1085

1085-1090

1090-1095

1095-1100

1100-1105

1105-1110

1110-1115

1115-1120

1120-1125

1125-1130

1130-1135

1135-1140

1140-1145

1145-1150

1150-1155

1155-1160

1160-1165

1165-1170

1170-1175

1175-1180

1180-1185

1185-1190

1190-1195

1195-1200

1200-1205

1205-1210

1210-1215

1215-1220

1220-1225

1225-1230

1230-1235

1235-1240

1240-1245

1245-1250

1250-1255

1255-1260

1260-1265

1265-1270

1270-1275

1275-1280

1280-1285

1285-1290

1290-1295

1295-1300

1300-1305

1305-1310

1310-1315

1315-1320

1320-1325

1325-1330

1330-1335

1335-1340

1340-1345

1345-1350

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1360-1365

1365-1370

1370-1375

1375-1380

1380-1385

1385-1390

1390-1395

1395-1400

1400-1405

1405-1410

1410-1415

1415-1420

1420-1425

1425-1430

1430-1435

1435-1440

1440-1445

1445-1450

1450-1455

1455-1460

1460-1465

1465-1470

1470-1475

1475-1480

1480-1485

1485-1490

1490-1495

1495-1500

1500-1505

1505-1510

1510-1515

1515-1520

1520-1525

1525-1530

1530-1535

1535-1

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**BEACON VILLAGE PHASE I
STORM WATER SEWER NO. 388
PROJ. NO. 468-76-245-81979 000-000-000**

PLAN LINE 3

Scale: 1" = 20' Horiz.
1" = 5' Vert.

PROFILE LINE 3

Scale: 1" = 20' Horiz.
1" = 5' Vert.

PLAN LINE 3A

Scale: 1" = 20' Horiz.
1" = 5' Vert.

PROFILE LINE 3A

COORDINATE SYSTEM AS USED BY MDEC FOR FINAL PLAN

POINT #	NORTH COORDINATE	EAST COORDINATE	COMMENTS
932	8625.4363	5447.8274	Face PC
937	8625.0202	5413.8299	Face PC
1379	8594.5767	5468.2867	Lot Corner
1380	8596.0714	5581.9776	Lot Corner
1381	8532.0812	5682.7579	Lot Corner
1382	8530.6160	5452.7658	Lot Corner
1383	8530.6160	5465.4295	Lot Corner
1384	8508.7993	5401.4660	Lot Corner
1387	8549.8377	5396.7714	Lot Corner
1439	8662.2256	5430.3790	6 Crocyden & Beacon Hill
1440	8399.4580	5433.4512	6 Beacon Hill & E.
1451	8564.0788	5582.3677	6 Crocyden & E.
1644	8460.8240	5463.7422	Lot Corner
1643	8380.6292	5461.5957	Lot Corner
1766	8449.8436	5399.7470	Lot Corner
1769	8379.8483	5400.6005	Lot Corner
4030	8541.9160	5593.0680	0 + 07.2, Line 3
950	8541.2503	5585.9023	0 + 00
940	8541.0844	5473.6385	1 + 12.3
945	8518.4013	5451.9571	1 + 43.3
954	8315.4964	5454.0463	3 + 47.3
	8564.7871	5485.3800	0 + 42.5, Line 3A

PLAN LINE 3A

Scale: 1" = 20' Horiz.
1" = 5' Vert.

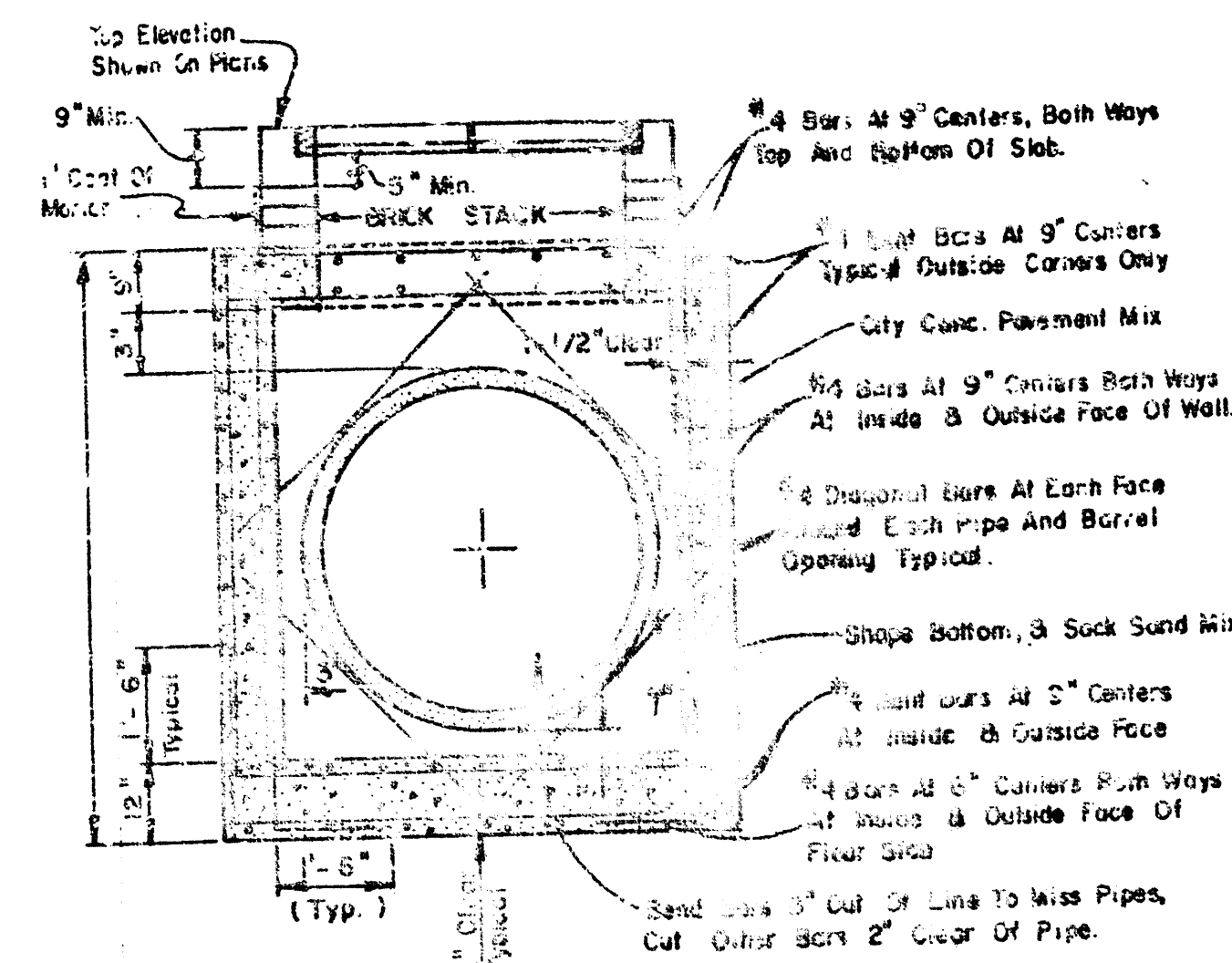
PROFILE LINE 3A

Scale: 1" = 20' Horiz.
1" = 5' Vert.

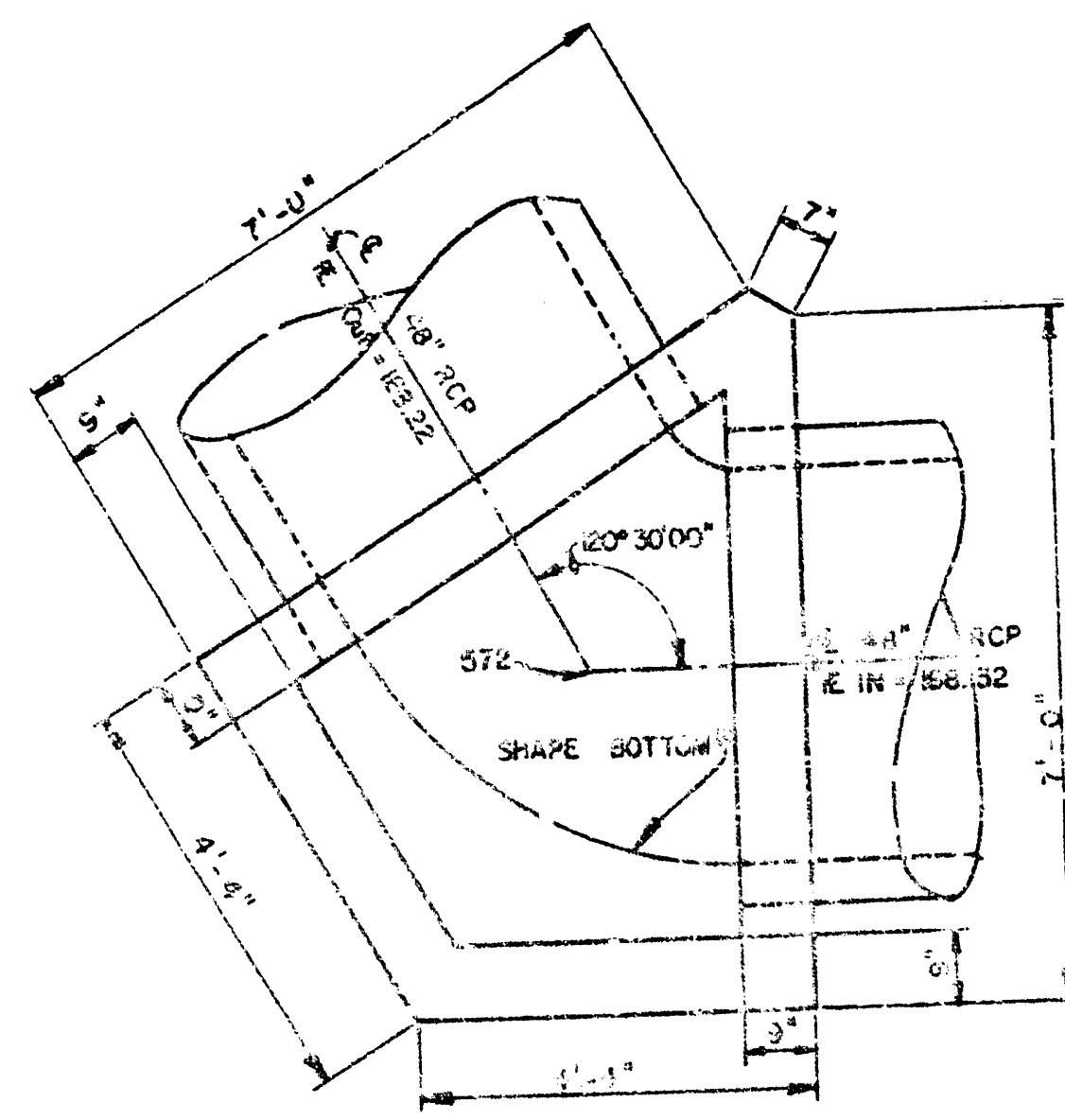
COORDINATE SYSTEM AS USED BY MDEC FOR FINAL PLAN

POINT #	NORTH COORDINATE	EAST COORDINATE	COMMENTS
932	8625.4363	5447.8274	Face PC
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1379	8594.5767	5468.2867	Lot Corner
1380	8596.0714	5581.9776	Lot Corner
1381	8532.0812	5682.7579	Lot Corner
1382	8530.6160	5452.7658	Lot Corner
1383	8530.6160	5465.4295	Lot Corner
1384	8508.7993	5401.4660	Lot Corner
1387	8549.8377	5396.7714	Lot Corner
1439	8662.2256	5430.3790	6 Crocyden & Beacon Hill
1440	8399.4580	5433.4512	6 Beacon Hill & E.
1451	8564.0788	5582.3677	6 Crocyden & E.
1644	8460.8240	5463.7422	Lot Corner
1643	8380.6292	5461.5957	Lot Corner
1766	8449.8436	5399.7470	Lot Corner
1769	8379.8483	5400.6005	Lot Corner
4030	8541.9160	5593.0680	0 + 07.2, Line 3
950	8541.2503	5585.9023	0 + 00
940	8541.0844	5473.6385	1 + 12.3
945	8518.4013	5451.9571	1 + 43.3
954	8315.4964	5454.0463	3 + 47.3
	8564.7871	5485.3800	0 + 42.5, Line 3A

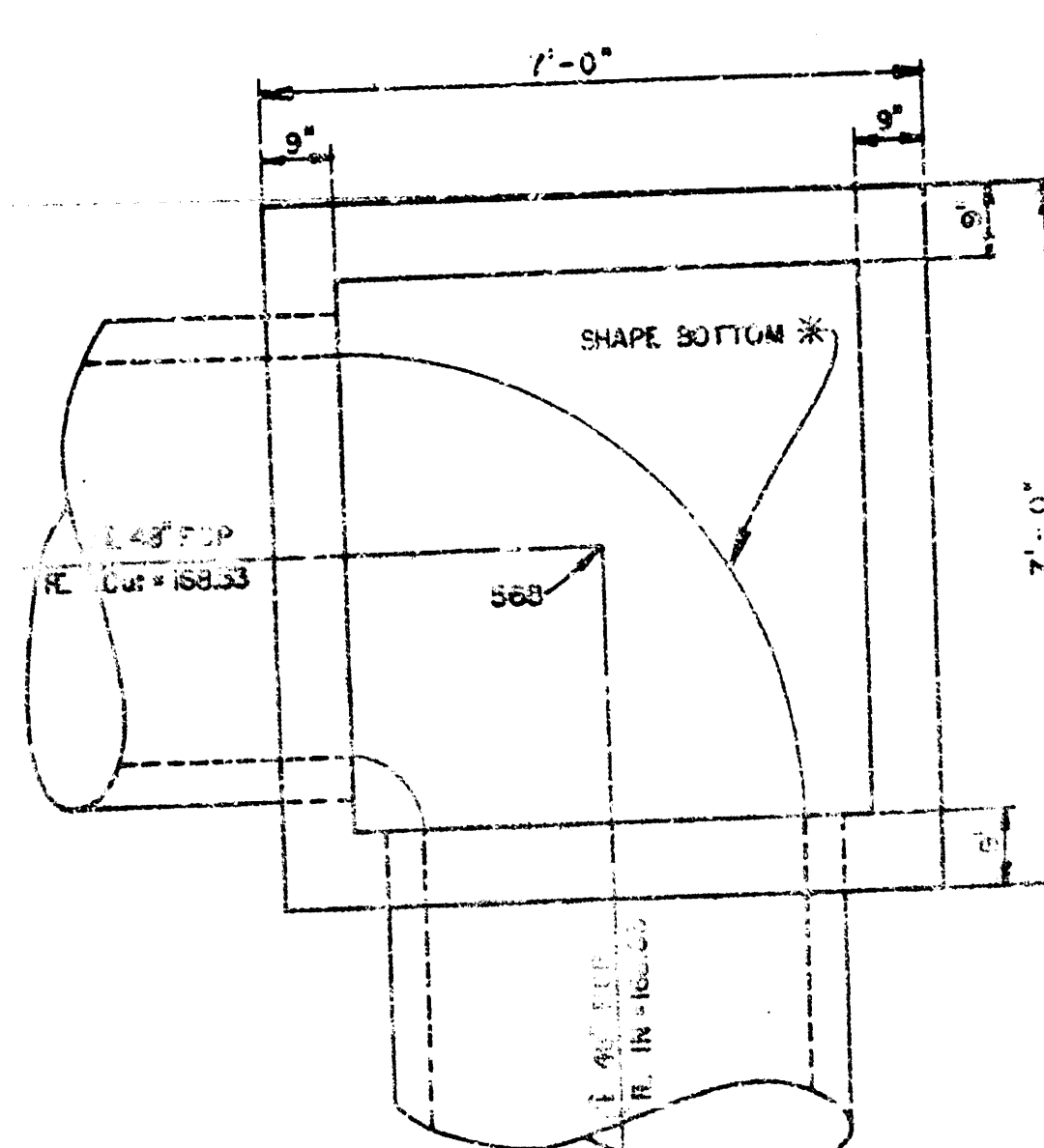
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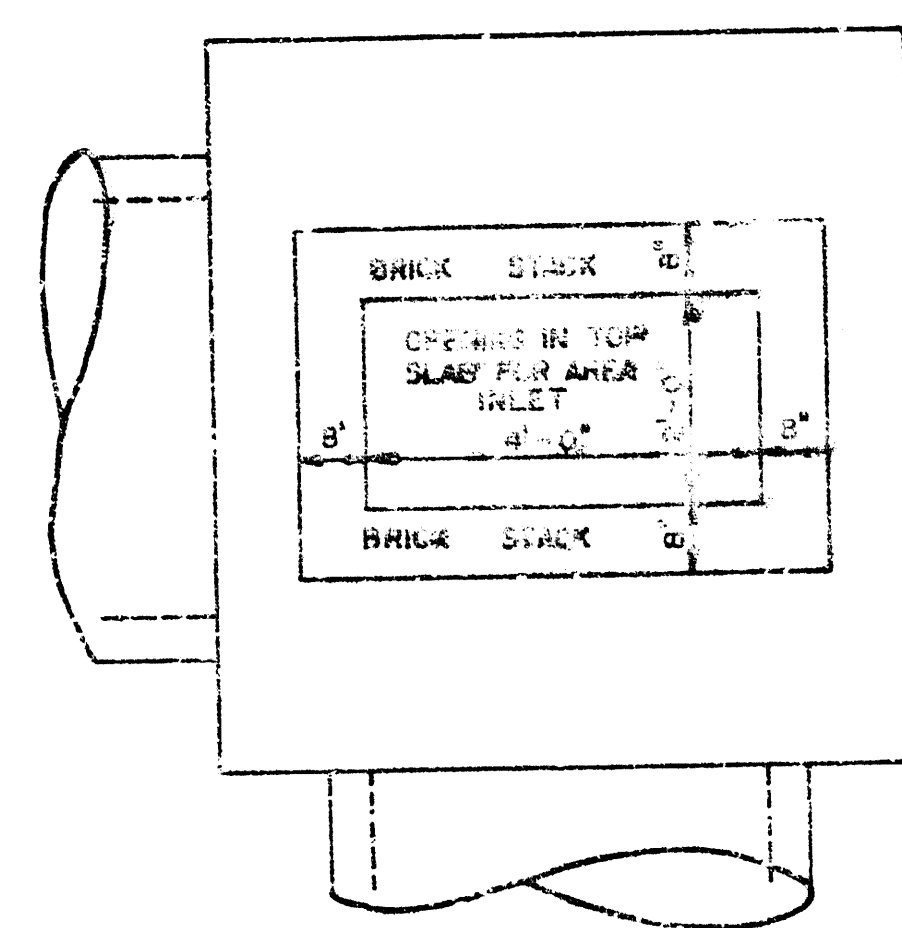
SECTION: MANHOLE / AREA INLET



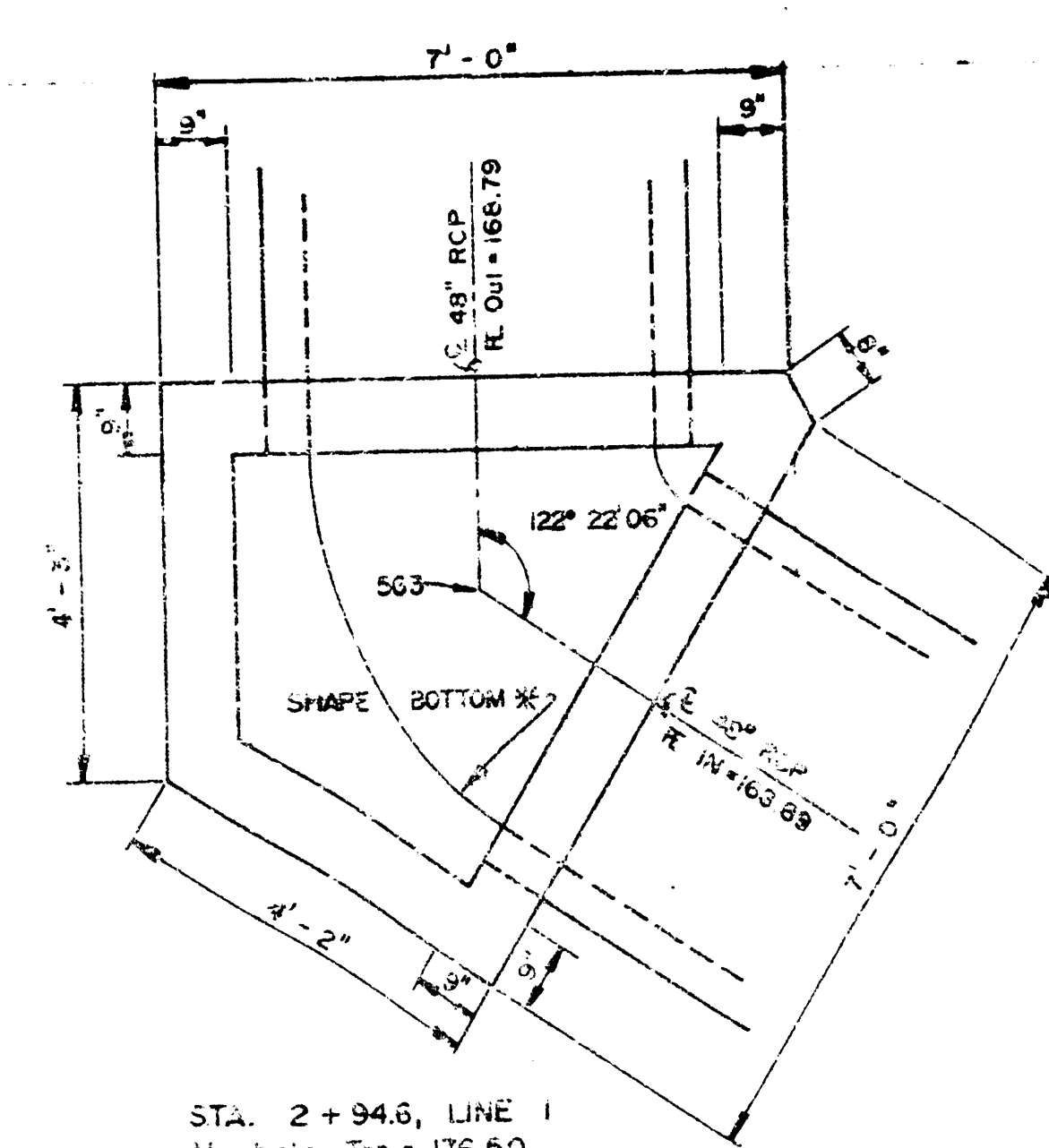
STA 1+12, LINE 1
Manhole Top = 177.50



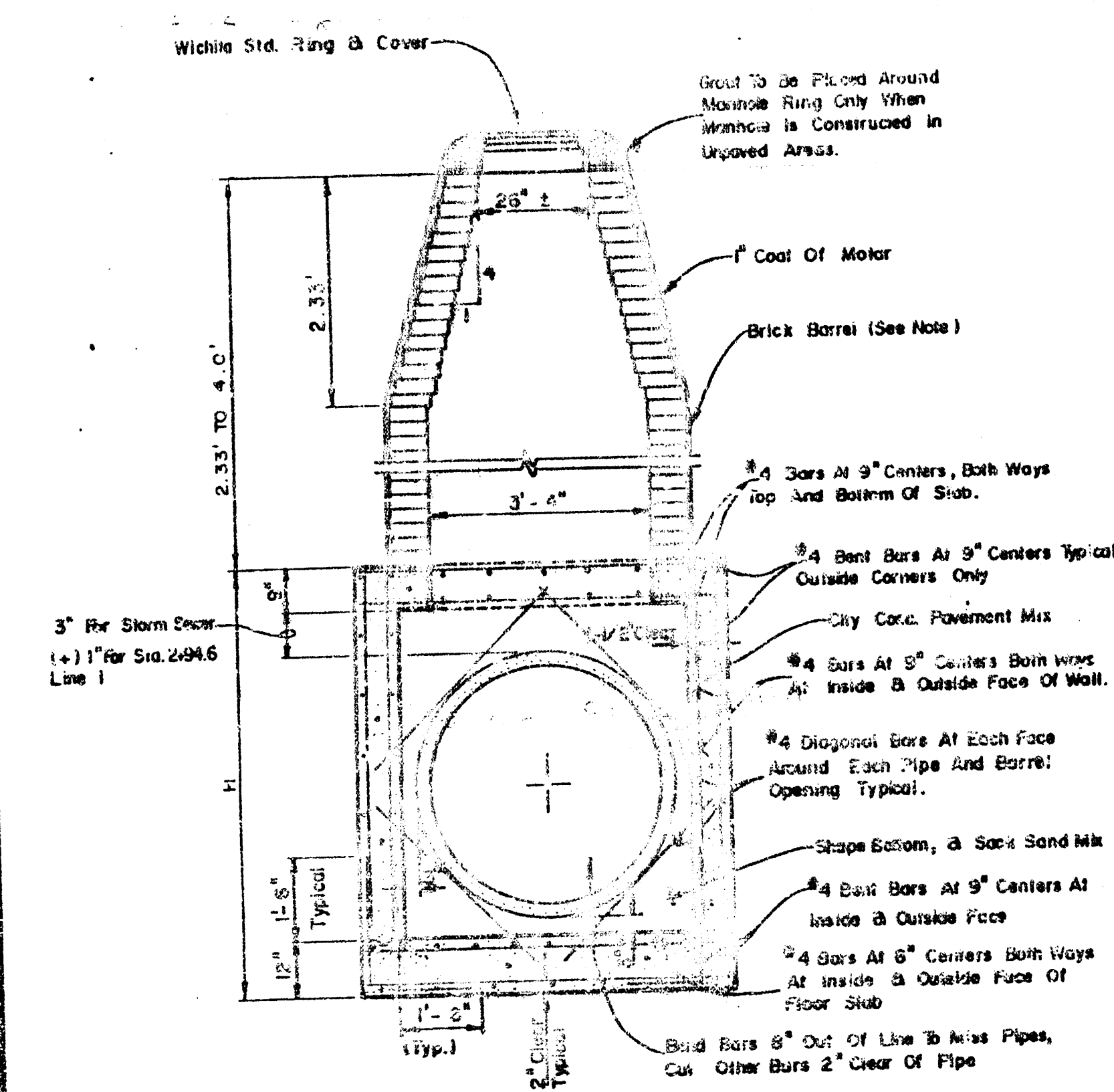
STA 2+17, LINE 1
Area Inlet Top = 173.50



STA 2+17, LINE 1
TOP SLAB PLAN
DOUBLE 24"x24" INLET



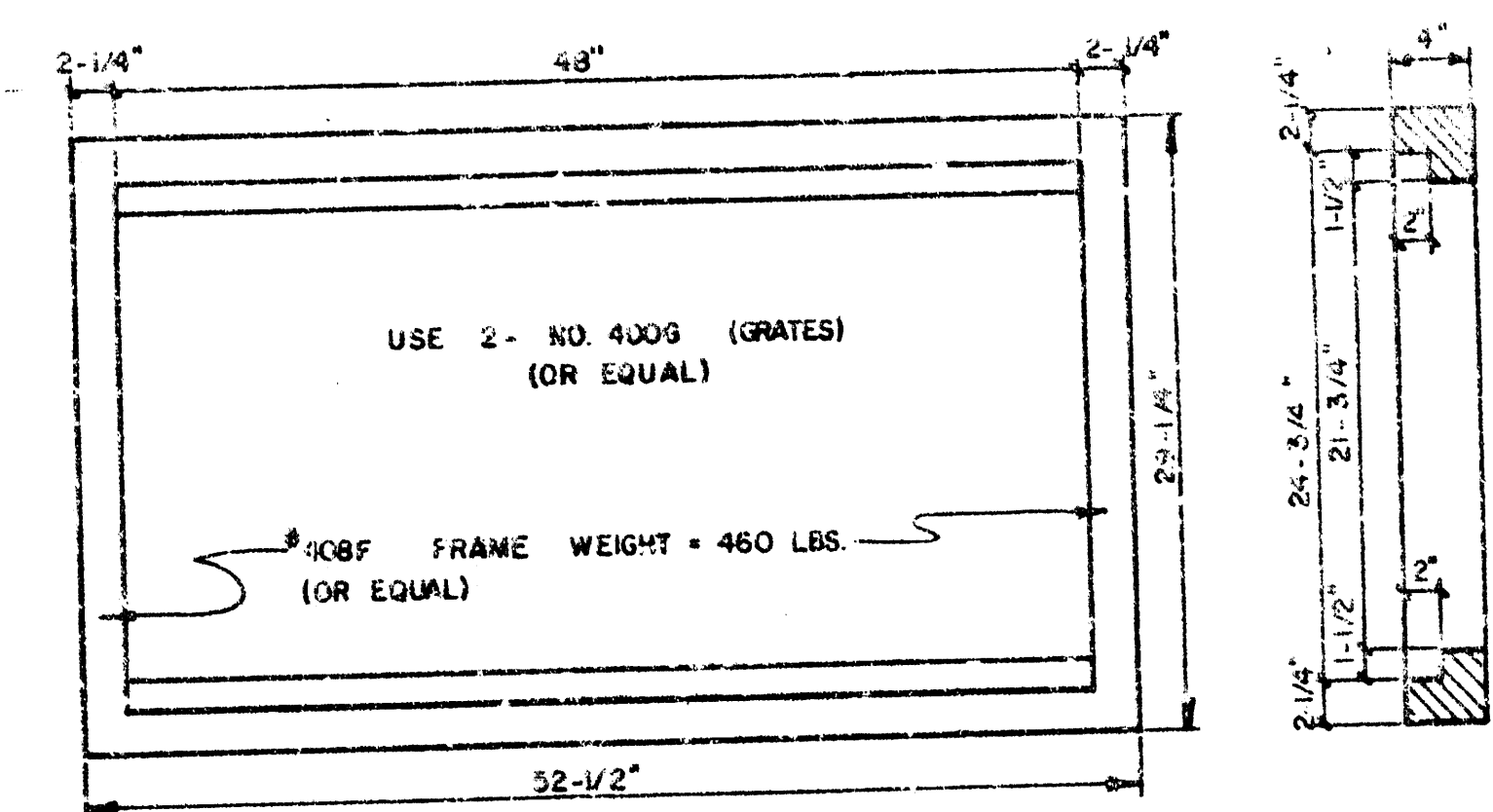
STA. 2+94.6, LINE 1
Manhole Top = 176.50



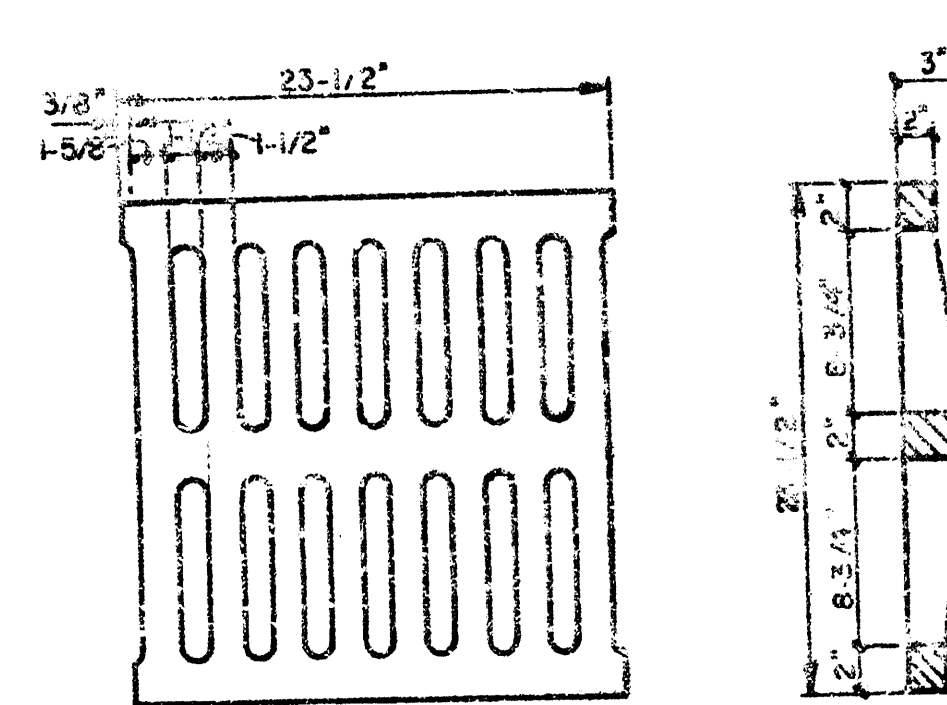
REINFORCED CONCRETE MANHOLE
DEPTH OF STACK: 2.38' TO 4.0'

NOTE:
BRICK BARRELS LESS THAN 18" DEEP SHALL HAVE 8" WALLS EXCEPT WHEN LOCATED WITHIN PUBLIC STREET OR ALLEY PAVEMENT THEN THE WALL SHALL BE 12".

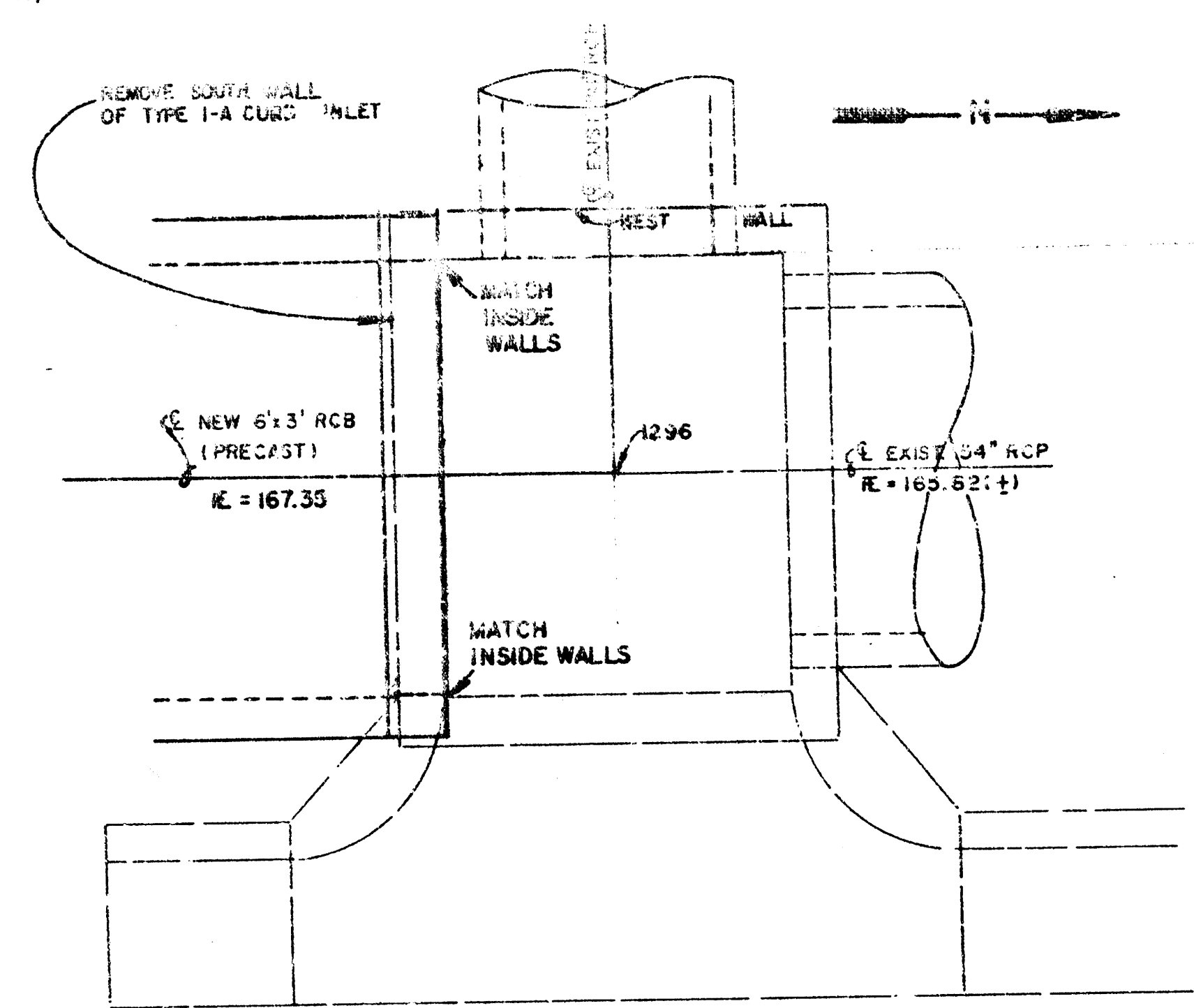
* THE FLOORS OF ALL MANHOLES SHALL BE SLOPED TO THE MAIN DRAINAGE DRAIN THAT THE MANHOLES WILL BE SELF-CLEANING. THE SLOPE OF THE FLOOR SHALL BE 1/8" PER FOOT. THE FLOORS SHALL BE SLOPED TO THE MAIN DRAINAGE DRAIN THAT THE MANHOLES WILL BE SELF-CLEANING. THE SLOPE OF THE FLOOR SHALL BE 1/8" PER FOOT. THE FLOORS SHALL BE SLOPED TO THE MAIN DRAINAGE DRAIN THAT THE MANHOLES WILL BE SELF-CLEANING. THE SLOPE OF THE FLOOR SHALL BE 1/8" PER FOOT.



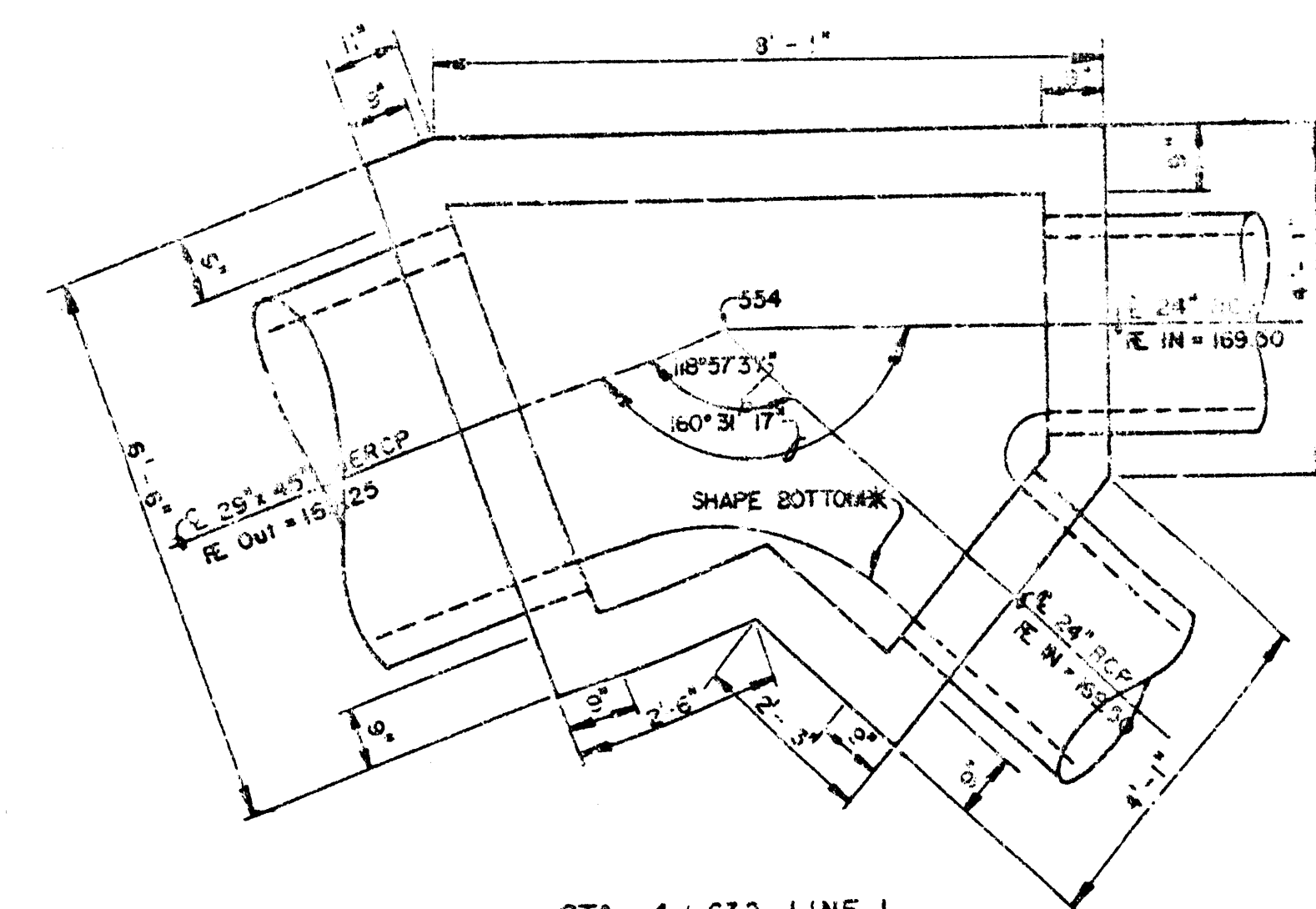
DOUBLE 24"x24" FRAME DETAIL



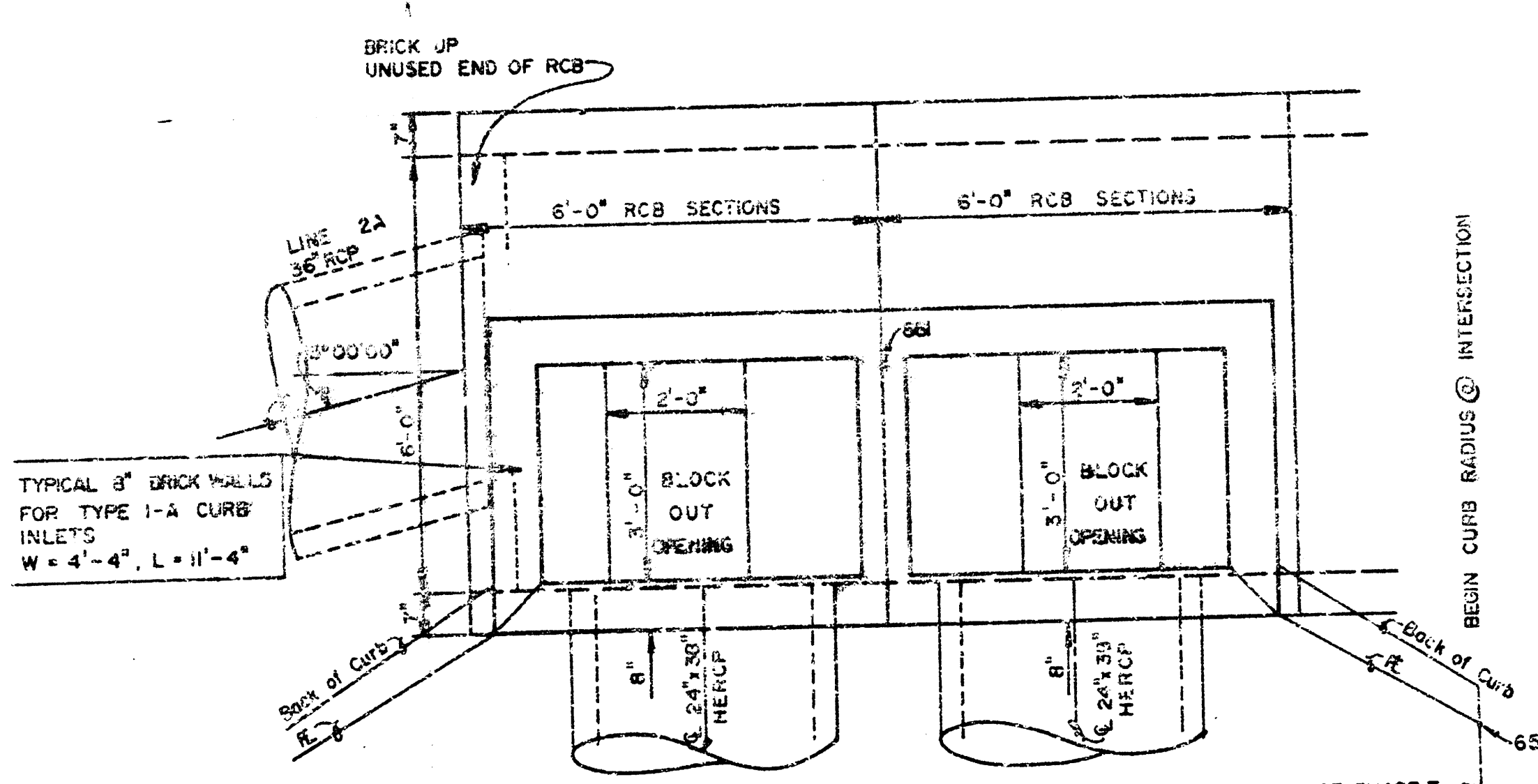
24"x24" GRATE DETAIL



STA. 0+00, LINE 2
MODIFICATIONS TO EXISTING
TYPE I-A CURB INLET



STA. 4+67.2, LINE 1
Manhole Top = 176.21

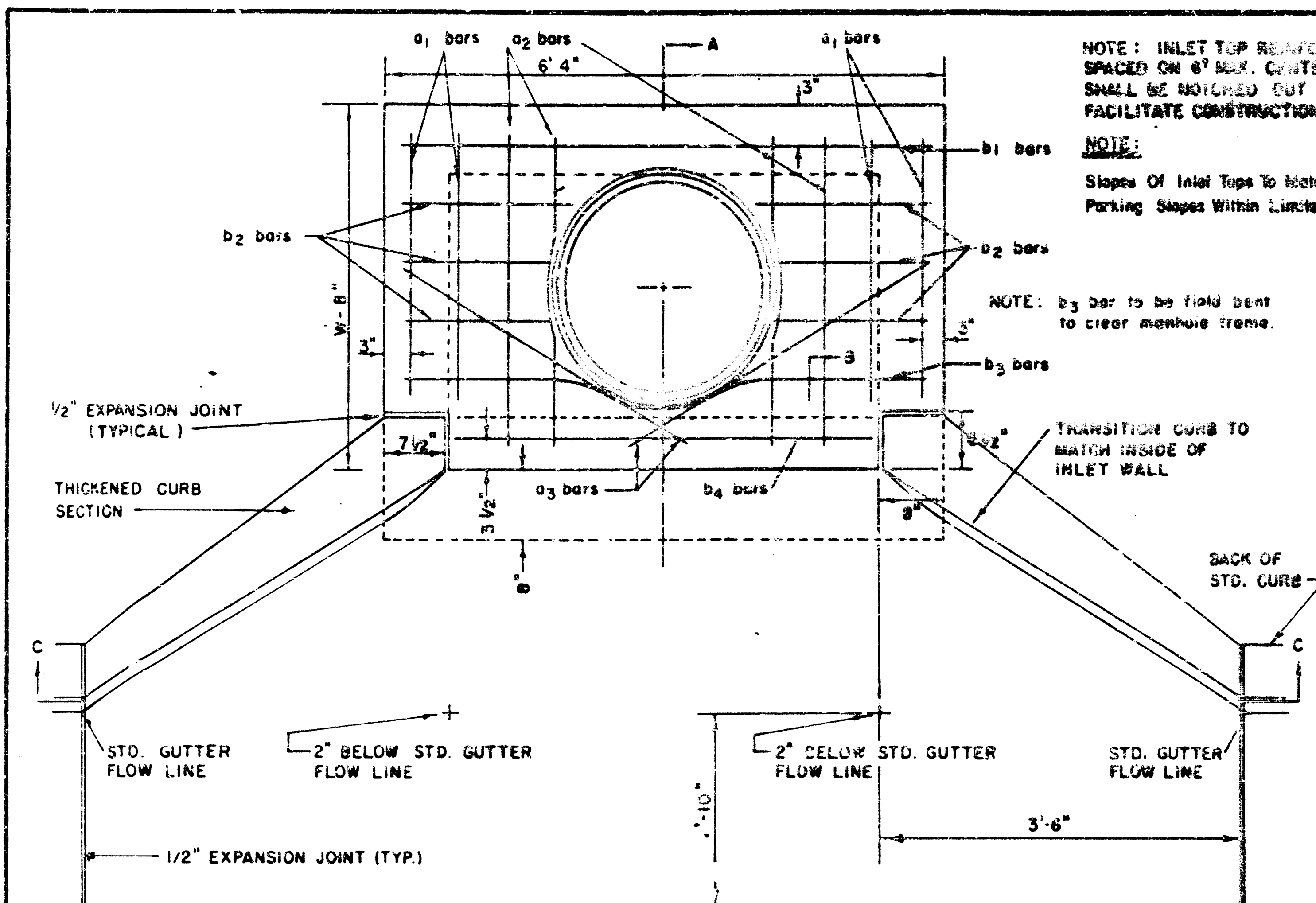


STA. 2+25.3, LINE 2
SPECIAL TYPE I-A CURB INLET
OVER 6"x3" RCB

	SPECIAL REINFORCED CONCRETE MANHOLE DETAILS		Design
			Drawn by
			Checked by
			Date
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		636-5566	Sheet 7 of 12

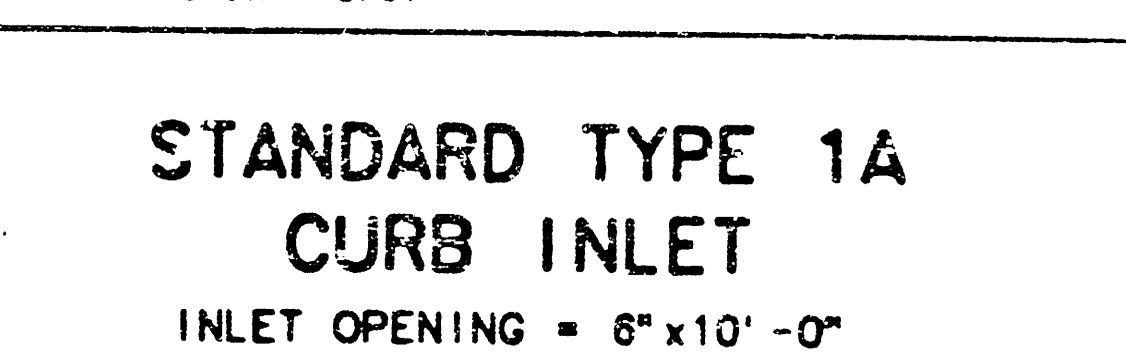
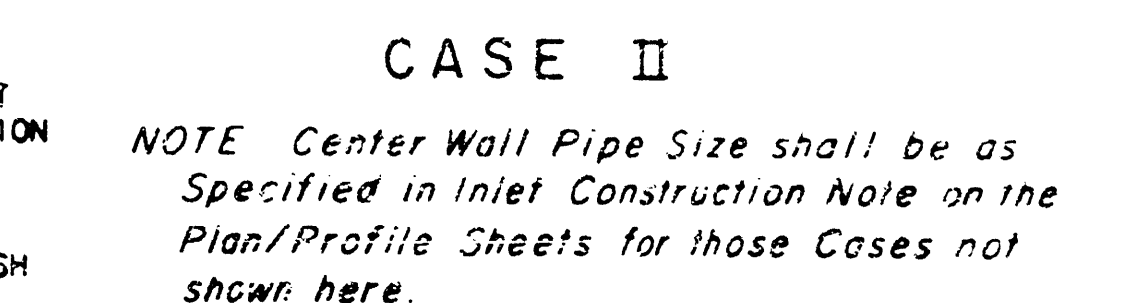
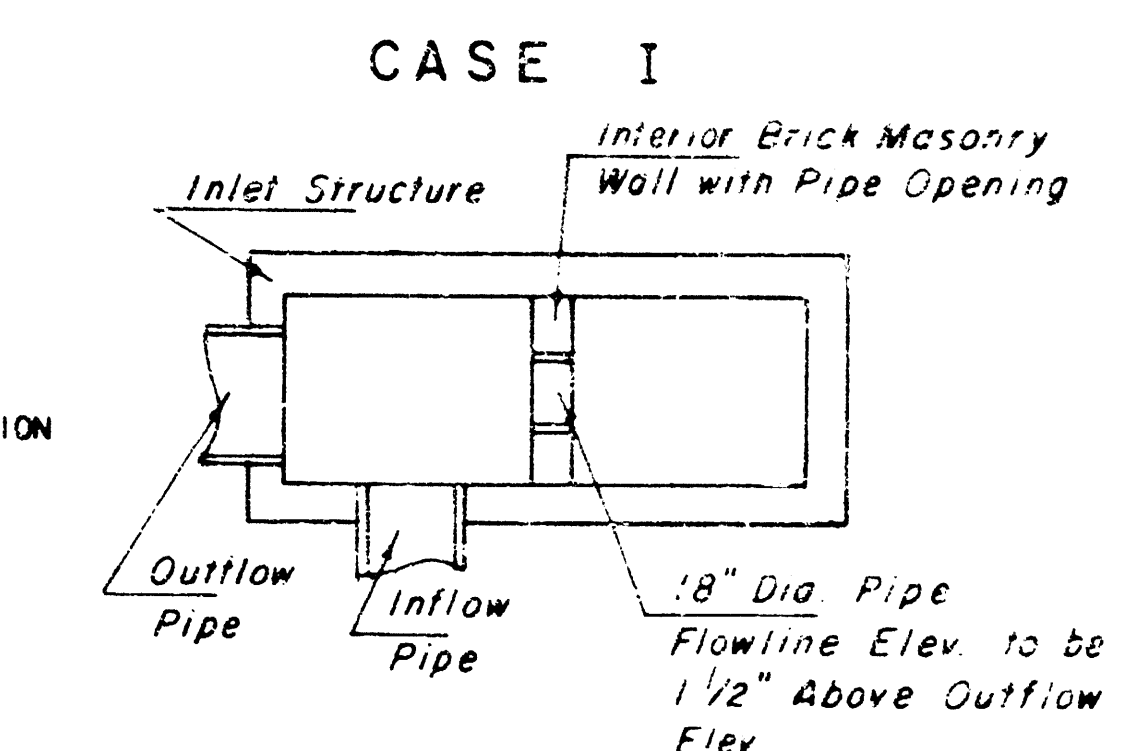
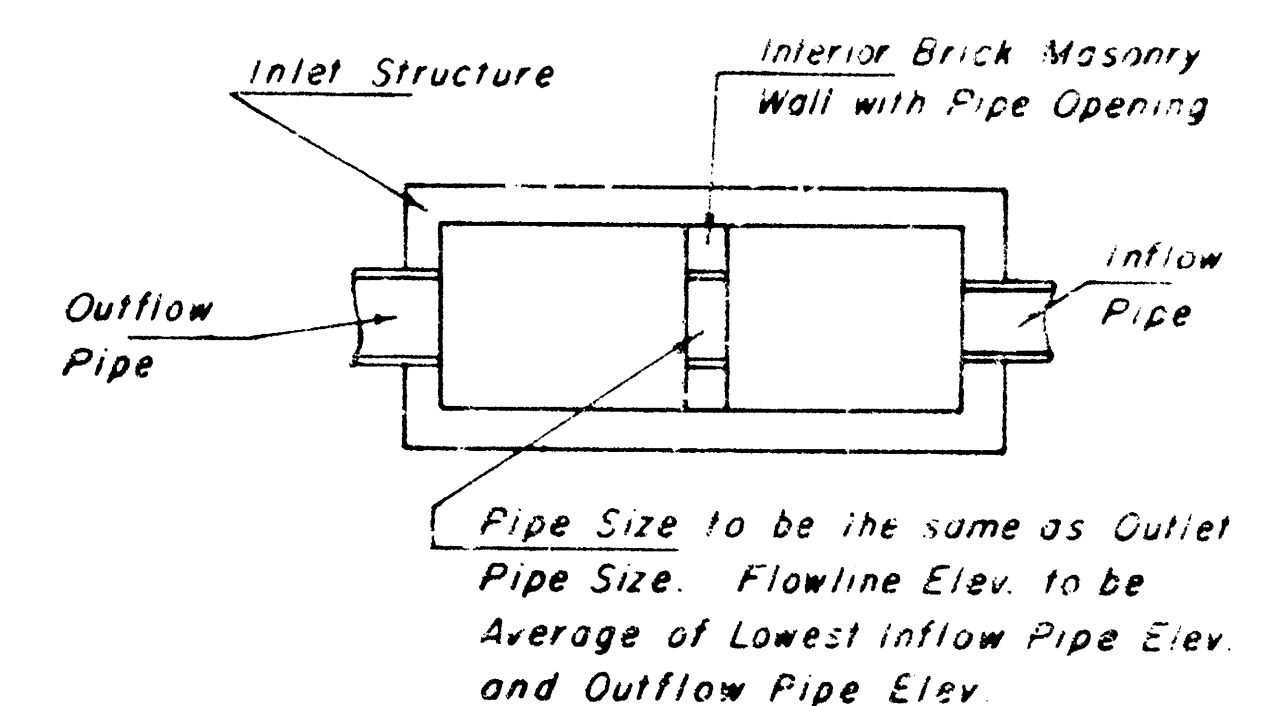
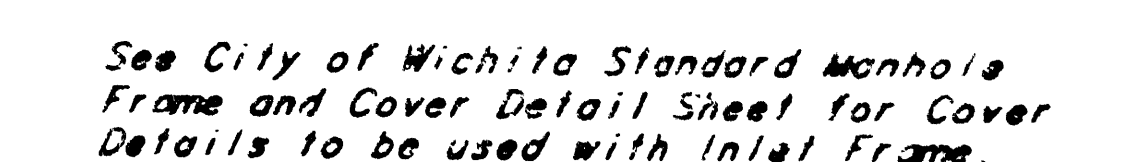
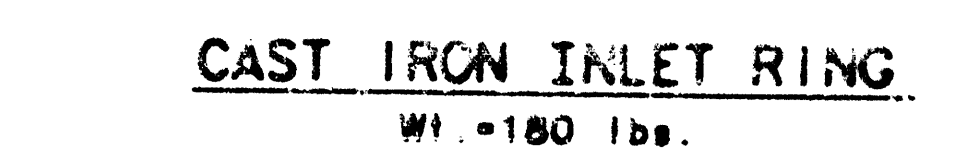
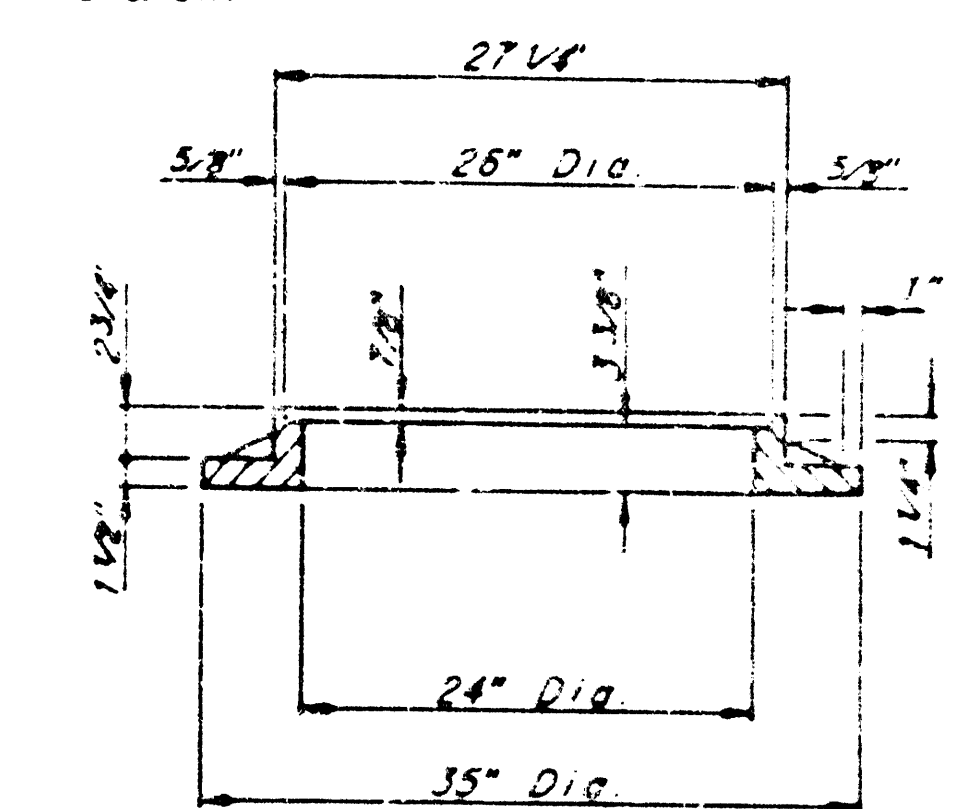
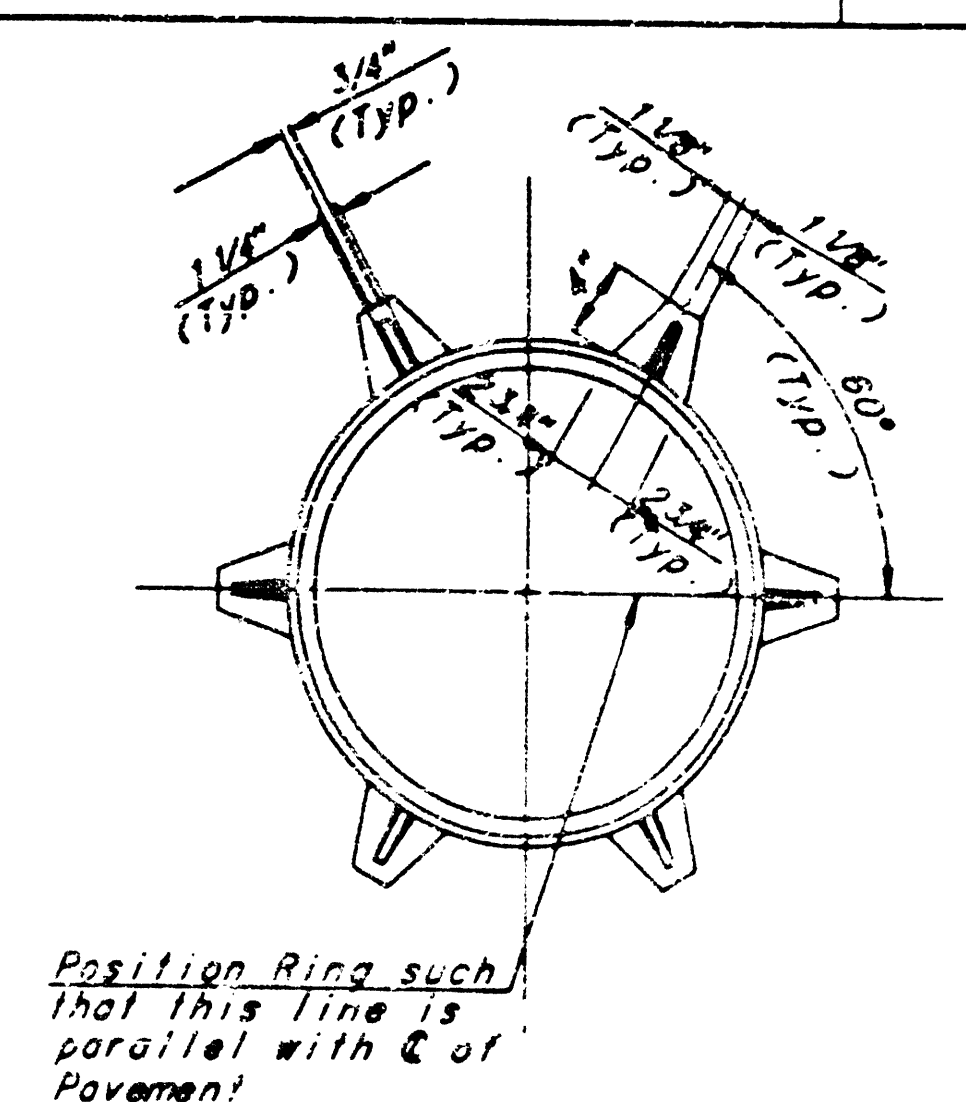
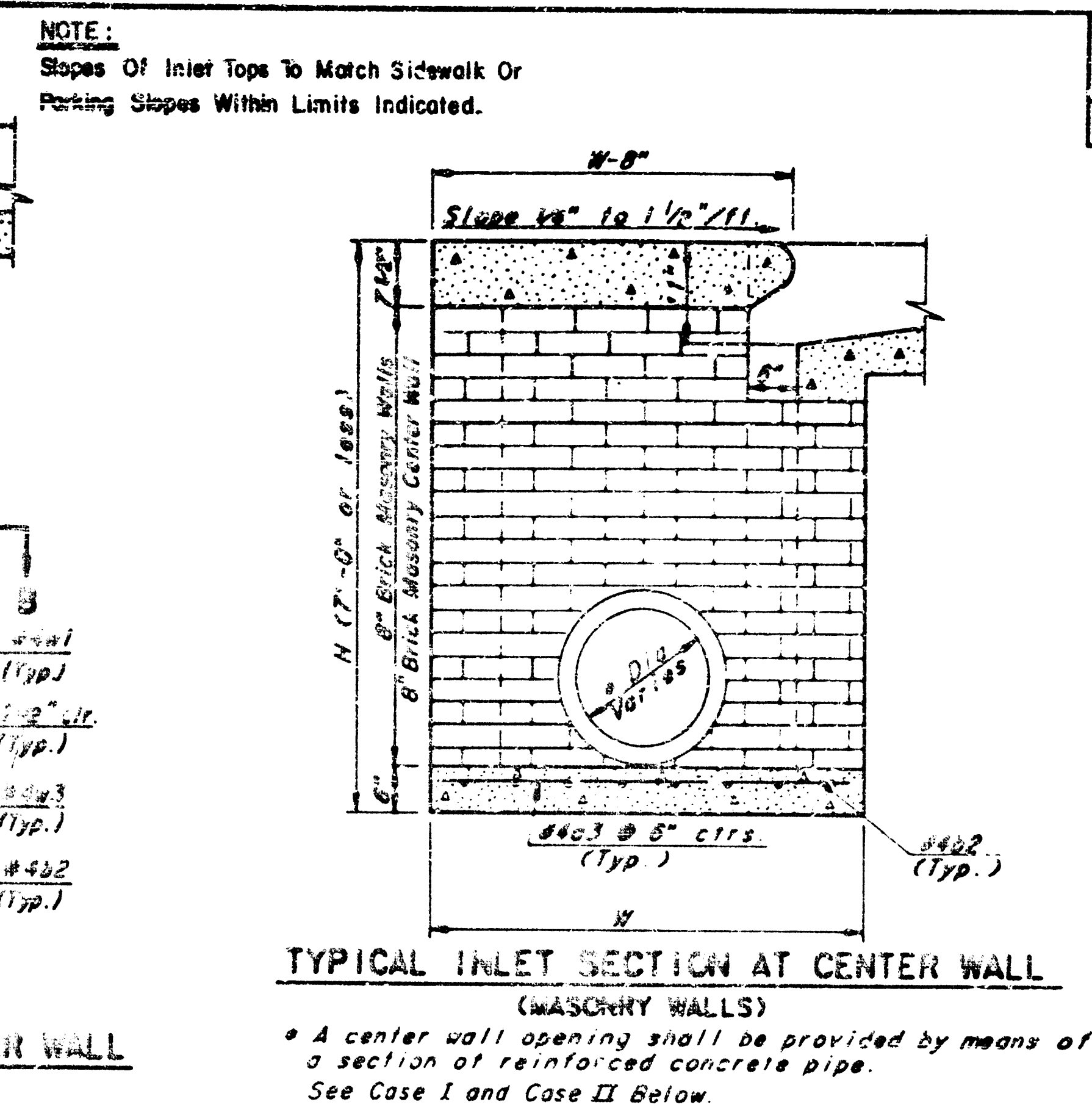
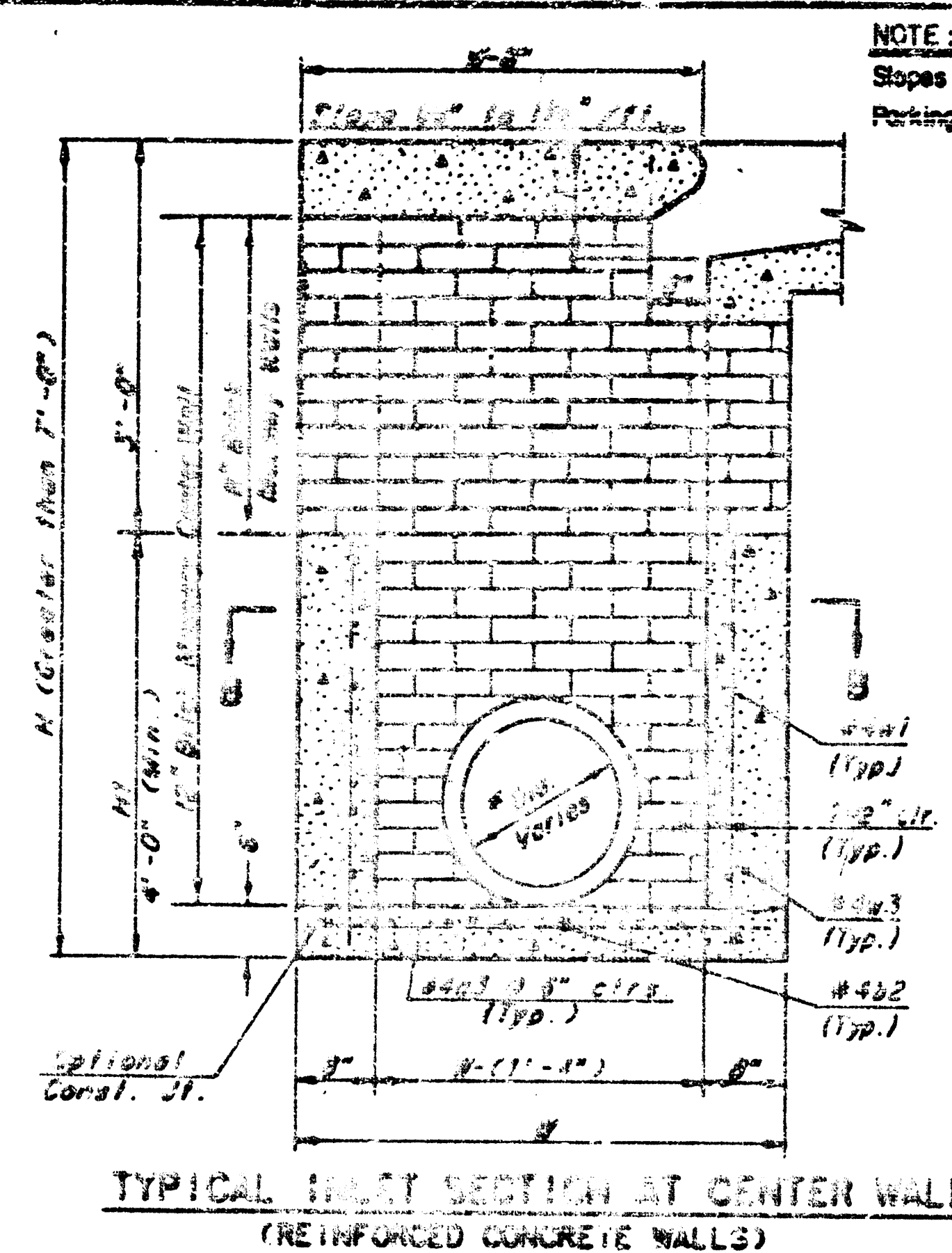
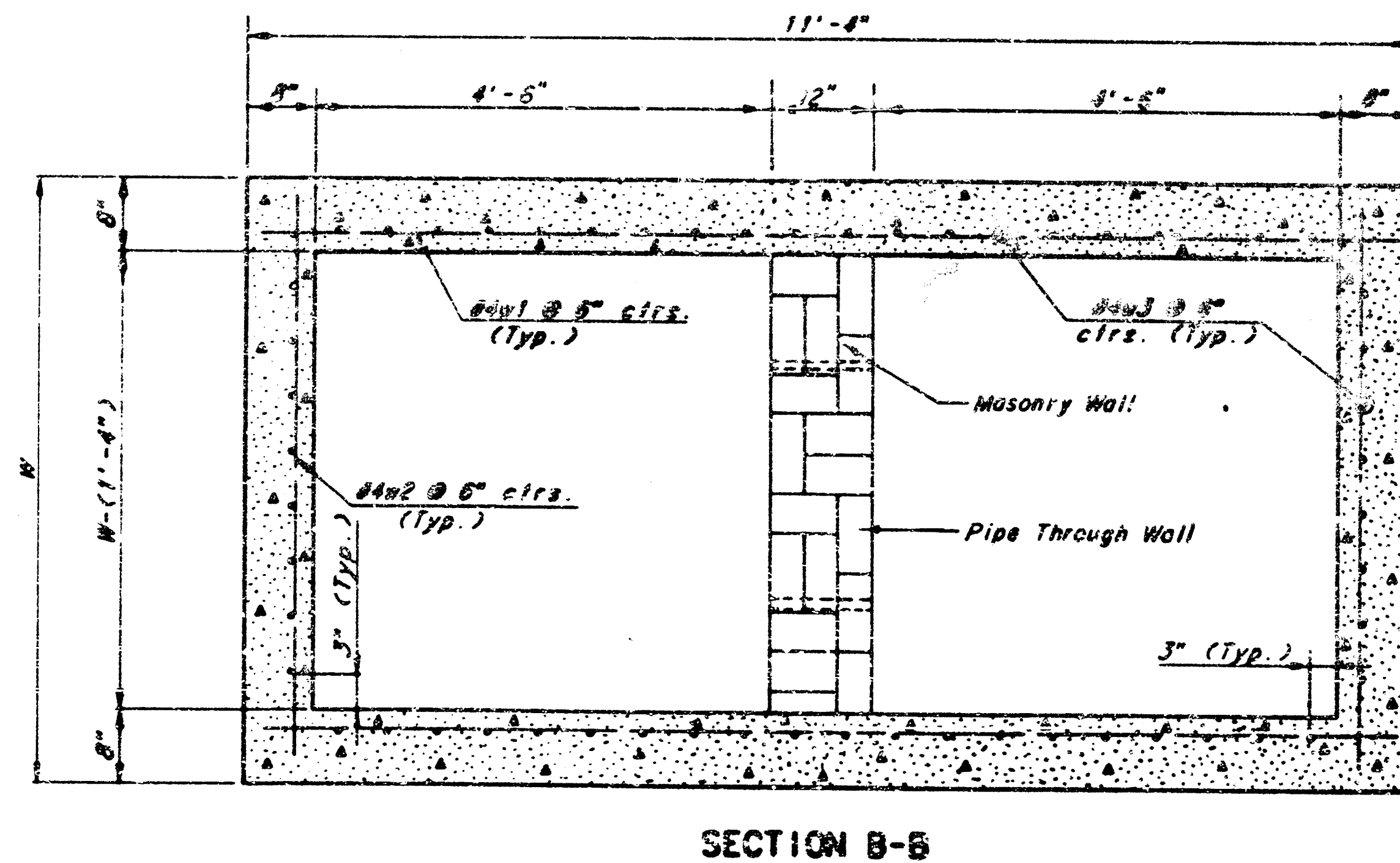
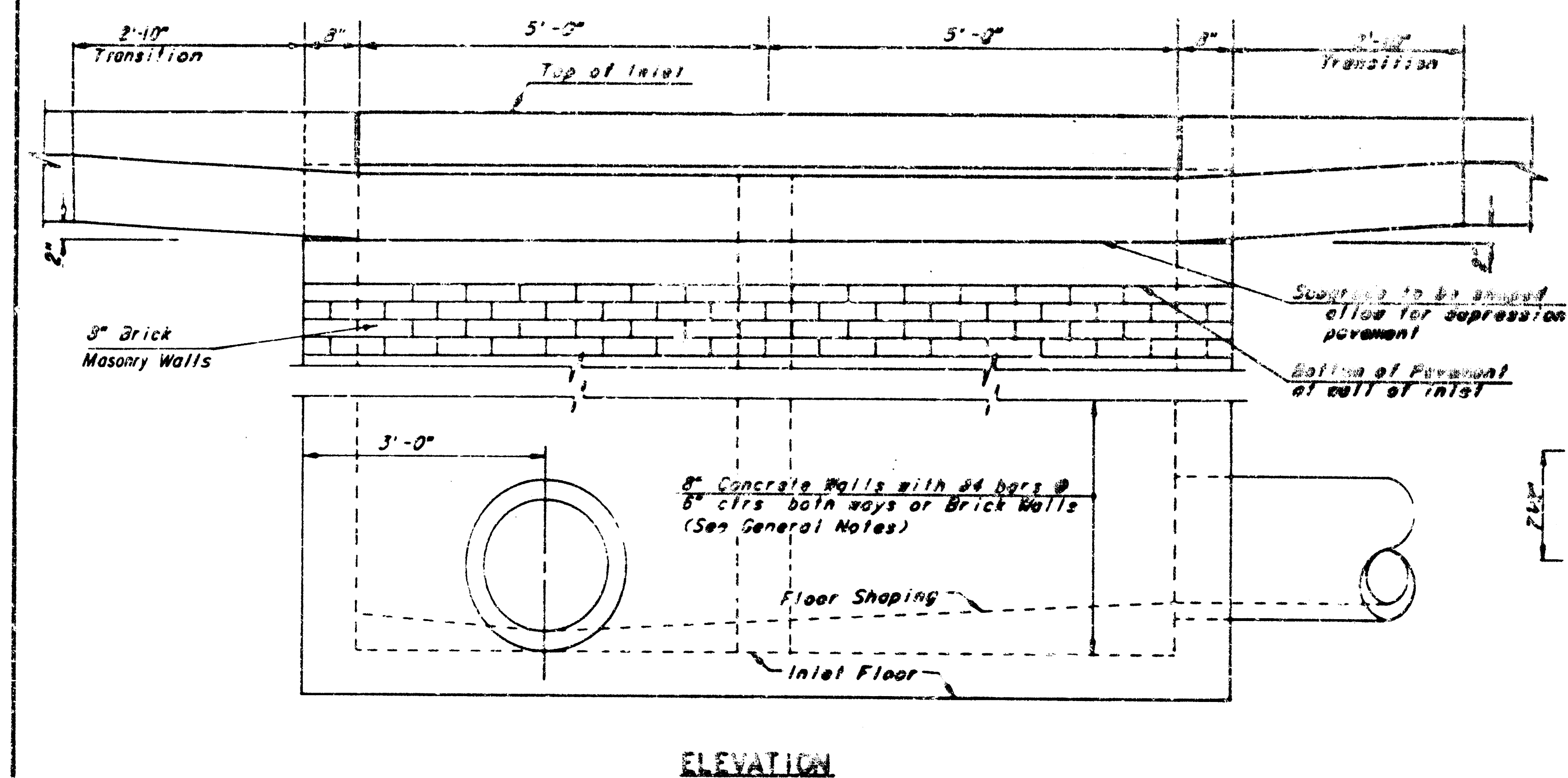
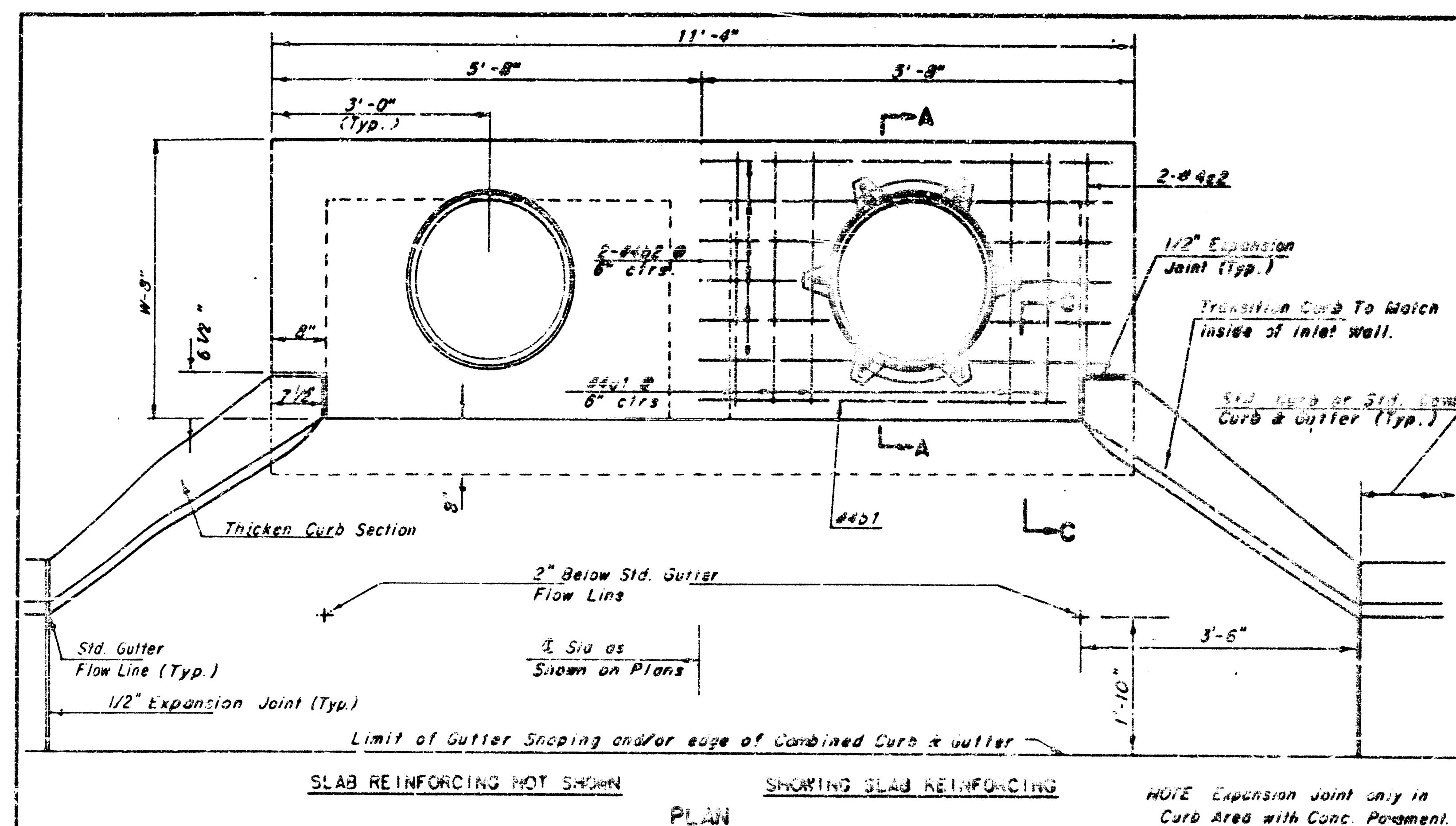
MKEC PROJ. NO. 89-28-113-D

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PLAN

BAR	a ₁	a ₂	a ₃	a ₄	a ₅	a ₆	a ₇	a ₈	a ₉	a ₁₀	a ₁₁	a ₁₂	a ₁₃	a ₁₄	a ₁₅	a ₁₆	a ₁₇	a ₁₈	a ₁₉	a ₂₀	a ₂₁	a ₂₂	a ₂₃	a ₂₄	a ₂₅	a ₂₆	a ₂₇	a ₂₈	a ₂₉	a ₃₀	a ₃₁	a ₃₂	a ₃₃	a ₃₄	a ₃₅	a ₃₆	a ₃₇	a ₃₈	a ₃₉	a ₄₀	a ₄₁	a ₄₂	a ₄₃	a ₄₄	a ₄₅	a ₄₆	a ₄₇	a ₄₈	a ₄₉	a ₅₀	a ₅₁	a ₅₂	a ₅₃	a ₅₄	a ₅₅	a ₅₆	a ₅₇	a ₅₈	a ₅₉	a ₆₀	a ₆₁	a ₆₂	a ₆₃	a ₆₄	a ₆₅	a ₆₆	a ₆₇	a ₆₈	a ₆₉	a ₇₀	a ₇₁	a ₇₂	a ₇₃	a ₇₄	a ₇₅	a ₇₆	a ₇₇	a ₇₈	a ₇₉	a ₈₀	a ₈₁	a ₈₂	a ₈₃	a ₈₄	a ₈₅	a ₈₆	a ₈₇	a ₈₈	a ₈₉	a ₉₀	a ₉₁	a ₉₂	a ₉₃	a ₉₄	a ₉₅	a ₉₆	a ₉₇	a ₉₈	a ₉₉	a ₁₀₀	a ₁₀₁	a ₁₀₂	a ₁₀₃	a ₁₀₄	a ₁₀₅	a ₁₀₆	a ₁₀₇	a ₁₀₈	a ₁₀₉	a ₁₁₀	a ₁₁₁	a ₁₁₂	a ₁₁₃	a ₁₁₄	a ₁₁₅	a ₁₁₆	a ₁₁₇	a ₁₁₈	a ₁₁₉	a ₁₂₀	a ₁₂₁	a ₁₂₂	a ₁₂₃	a ₁₂₄	a ₁₂₅	a ₁₂₆	a ₁₂₇	a ₁₂₈	a ₁₂₉	a ₁₃₀	a ₁₃₁	a ₁₃₂	a ₁₃₃	a ₁₃₄	a ₁₃₅	a ₁₃₆	a ₁₃₇	a ₁₃₈	a ₁₃₉	a ₁₄₀	a ₁₄₁	a ₁₄₂	a ₁₄₃	a ₁₄₄	a ₁₄₅	a ₁₄₆	a ₁₄₇	a ₁₄₈	a ₁₄₉	a ₁₅₀	a ₁₅₁	a ₁₅₂	a ₁₅₃	a ₁₅₄	a ₁₅₅	a ₁₅₆	a ₁₅₇	a ₁₅₈	a ₁₅₉	a ₁₆₀	a ₁₆₁	a ₁₆₂	a ₁₆₃	a ₁₆₄	a ₁₆₅	a ₁₆₆	a ₁₆₇	a ₁₆₈	a ₁₆₉	a ₁₇₀	a ₁₇₁	a ₁₇₂	a ₁₇₃	a ₁₇₄	a ₁₇₅	a ₁₇₆	a ₁₇₇	a ₁₇₈	a ₁₇₉	a ₁₈₀	a ₁₈₁	a ₁₈₂	a ₁₈₃	a ₁₈₄	a ₁₈₅	a ₁₈₆	a ₁₈₇	a ₁₈₈	a ₁₈₉	a ₁₉₀	a ₁₉₁	a ₁₉₂	a ₁₉₃	a ₁₉₄	a ₁₉₅	a ₁₉₆	a ₁₉₇	a ₁₉₈	a ₁₉₉	a ₂₀₀	a ₂₀₁	a ₂₀₂	a ₂₀₃	a ₂₀₄	a ₂₀₅	a ₂₀₆	a ₂₀₇	a ₂₀₈	a ₂₀₉	a ₂₁₀	a ₂₁₁	a ₂₁₂	a ₂₁₃	a ₂₁₄	a ₂₁₅	a ₂₁₆	a ₂₁₇	a ₂₁₈	a ₂₁₉	a ₂₂₀	a ₂₂₁	a ₂₂₂	a ₂₂₃	a ₂₂₄	a ₂₂₅	a ₂₂₆	a ₂₂₇	a ₂₂₈	a ₂₂₉	a ₂₃₀	a ₂₃₁	a ₂₃₂	a ₂₃₃	a ₂₃₄	a ₂₃₅	a ₂₃₆	a ₂₃₇	a ₂₃₈	a ₂₃₉	a ₂₄₀	a ₂₄₁	a ₂₄₂	a ₂₄₃	a ₂₄₄	a ₂₄₅	a ₂₄₆	a ₂₄₇	a ₂₄₈	a ₂₄₉	a ₂₅₀	a ₂₅₁	a ₂₅₂	a ₂₅₃	a ₂₅₄	a ₂₅₅	a ₂₅₆	a ₂₅₇	a ₂₅₈	a ₂₅₉	a ₂₆₀	a ₂₆₁	a ₂₆₂	a ₂₆₃	a ₂₆₄	a ₂₆₅	a ₂₆₆	a ₂₆₇	a ₂₆₈	a ₂₆₉	a ₂₇₀	a ₂₇₁	a ₂₇₂	a ₂₇₃	a ₂₇₄	a ₂₇₅	a ₂₇₆	a ₂₇₇	a ₂₇₈	a ₂₇₉	a ₂₈₀	a ₂₈₁	a ₂₈₂	a ₂₈₃	a ₂₈₄	a ₂₈₅	a ₂₈₆	a ₂₈₇	a ₂₈₈	a ₂₈₉	a ₂₉₀	a ₂₉₁	a ₂₉₂	a ₂₉₃	a ₂₉₄	a ₂₉₅	a ₂₉₆	a ₂₉₇	a ₂₉₈	a ₂₉₉	a ₃₀₀	a ₃₀₁	a ₃₀₂	a ₃₀₃	a ₃₀₄	a ₃₀₅	a ₃₀₆	a ₃₀₇	a ₃₀₈	a ₃₀₉	a ₃₁₀	a ₃₁₁	a ₃₁₂	a ₃₁₃	a ₃₁₄	a ₃₁₅	a ₃₁₆	a ₃₁₇	a ₃₁₈	a ₃₁₉	a ₃₂₀	a ₃₂₁	a ₃₂₂	a ₃₂₃	a ₃₂₄	a ₃₂₅	a ₃₂₆	a ₃₂₇	a ₃₂₈	a ₃₂₉	a ₃₃₀	a ₃₃₁	a ₃₃₂	a ₃₃₃	a ₃₃₄	a ₃₃₅	a ₃₃₆	a ₃₃₇	a ₃₃₈	a ₃₃₉	a ₃₄₀	a ₃₄₁	a ₃₄₂	a ₃₄₃	a ₃₄₄	a ₃₄₅	a ₃₄₆	a ₃₄₇	a ₃₄₈	a ₃₄₉	a ₃₅₀	a ₃₅₁	a ₃₅₂	a ₃₅₃	a ₃₅₄	a ₃₅₅	a ₃₅₆	a ₃₅₇	a ₃₅₈	a ₃₅₉	a ₃₆₀	a ₃₆₁	a ₃₆₂	a ₃₆₃	a ₃₆₄	a ₃₆₅	a ₃₆₆	a ₃₆₇	a ₃₆₈	a ₃₆₉	a ₃₇₀	a ₃₇₁	a ₃₇₂	a ₃₇₃	a ₃₇₄	a ₃₇₅	a ₃₇₆	a ₃₇₇	a ₃₇₈	a ₃₇₉	a ₃₈₀	a ₃₈₁	a ₃₈₂	a ₃₈₃	a ₃₈₄	a ₃₈₅	a ₃₈₆	a ₃₈₇	a ₃₈₈	a ₃₈₉	a ₃₉₀	a ₃₉₁	a ₃₉₂	a ₃₉₃	a ₃₉₄	a ₃₉₅	a ₃₉₆	a ₃₉₇	a ₃₉₈	a ₃₉₉	a ₄₀₀	a ₄₀₁	a ₄₀₂	a ₄₀₃	a ₄₀₄	a ₄₀₅	a ₄₀₆	a ₄₀₇	a ₄₀₈	a ₄₀₉	a ₄₁₀	a ₄₁₁	a ₄₁₂	a ₄₁₃	a ₄₁₄	a ₄₁₅	a ₄₁₆	a ₄₁₇	a ₄₁₈	a ₄₁₉	a ₄₂₀	a ₄₂₁	a ₄₂₂	a ₄₂₃	a ₄₂₄	a ₄₂₅	a ₄₂₆	a ₄₂₇	a ₄₂₈	a ₄₂₉	a ₄₃₀	a ₄₃₁	a ₄₃₂	a ₄₃₃	a ₄₃₄	a ₄₃₅	a ₄₃₆	a ₄₃₇	a ₄₃₈	a ₄₃₉	a ₄₄₀	a ₄₄₁	a ₄₄₂	a ₄₄₃	a ₄₄₄	a ₄₄₅	a ₄₄₆	a ₄₄₇	a ₄₄₈	a ₄₄₉	a ₄₅₀	a ₄₅₁	a ₄₅₂	a ₄₅₃	a ₄₅₄	a ₄₅₅	a ₄₅₆	a ₄₅₇	a ₄₅₈	a ₄₅₉	a ₄₆₀	a ₄₆₁	a ₄₆₂	a ₄₆₃	a ₄₆₄	a ₄₆₅	a ₄₆₆	a ₄₆₇	a ₄₆₈	a ₄₆₉	a ₄₇₀	a ₄₇₁	a ₄₇₂	a ₄₇₃	a ₄₇₄	a ₄₇₅	a ₄₇₆	a ₄₇₇	a ₄₇₈	a ₄₇₉	a ₄₈₀	a ₄₈₁	a ₄₈₂	a ₄₈₃	a ₄₈₄	a ₄₈₅	a ₄₈₆	a ₄₈₇	a ₄₈₈	a ₄₈₉	a ₄₉₀	a ₄₉₁	a ₄₉₂	a ₄₉₃	a ₄₉₄	a ₄₉₅	a ₄₉₆	a ₄₉₇	a ₄₉₈	a ₄₉₉	a ₅₀₀	a ₅₀₁	a ₅₀₂	a ₅₀₃	a ₅₀₄	a ₅₀₅	a ₅₀₆	a ₅₀₇	a ₅₀₈	a ₅₀₉	a ₅₁₀	a ₅₁₁	a ₅₁₂	a ₅₁₃	a ₅₁₄	a ₅₁₅	a ₅₁₆	a ₅₁₇	a ₅₁₈	a ₅₁₉	a ₅₂₀	a ₅₂₁	a ₅₂₂	a ₅₂₃	a ₅₂₄	a ₅₂₅	a ₅₂₆	a ₅₂₇	a ₅₂₈	a ₅₂₉	a ₅₃₀	a ₅₃₁	a ₅₃₂	a ₅₃₃	a ₅₃₄	a ₅₃₅	a ₅₃₆	a ₅₃₇	a ₅₃₈	a ₅₃₉	a ₅₄₀	a ₅₄₁	a ₅₄₂	a ₅₄₃	a ₅₄₄	a ₅₄₅	a ₅₄₆	a ₅₄₇	a ₅₄₈	a ₅₄₉	a ₅₅₀	a ₅₅₁	a ₅₅₂	a ₅₅₃	a ₅₅₄	a ₅₅₅	a ₅₅₆	a ₅₅₇	a ₅₅₈	a ₅₅₉	a ₅₆₀	a ₅₆₁	a ₅₆₂	a ₅₆₃	a ₅₆₄	a ₅₆₅	a ₅₆₆	a ₅₆₇	a ₅₆₈	a ₅₆₉	a ₅₇₀	a ₅₇₁	a ₅₇₂	a ₅₇₃	a ₅₇₄	a ₅₇₅	a ₅₇₆	a ₅₇₇	a ₅₇₈	a ₅₇₉	a ₅₈₀	a ₅₈₁	a ₅₈₂	a ₅₈₃	a ₅₈₄	a ₅₈₅	a ₅₈₆	a ₅₈₇	a ₅₈₈	a ₅₈₉	a ₅₉₀	a ₅₉₁	a ₅₉₂	a ₅₉₃	a ₅₉₄	a ₅₉₅	a ₅₉₆	a ₅₉₇	a ₅₉₈	a ₅₉₉	a ₆₀₀	a ₆₀₁	a ₆₀₂	a ₆₀₃	a ₆₀₄	a ₆₀₅	a ₆₀₆	a ₆₀₇	a ₆₀₈	a ₆₀₉	a ₆₁₀	a ₆₁₁	a ₆₁₂	a ₆₁₃	a ₆₁₄	a ₆₁₅	a ₆₁₆	a ₆₁₇	a ₆₁₈	a ₆₁₉	a ₆₂₀	a ₆₂₁	a ₆₂₂	a ₆₂₃	a ₆₂₄	a ₆₂₅	a ₆₂₆	a ₆₂₇	a ₆₂₈	a ₆₂₉	a ₆₃₀	a ₆₃₁	a ₆₃₂	a ₆₃₃	a ₆₃₄	a ₆₃₅	a ₆₃₆	a ₆₃₇	a ₆₃₈	a ₆₃₉	a ₆₄₀	a ₆₄₁	a ₆₄₂	a ₆₄₃	a ₆₄₄	a ₆₄₅	a ₆₄₆	a ₆₄₇	a ₆₄₈	a ₆₄₉	a ₆₅₀	a ₆₅₁	a ₆₅₂	a ₆₅₃	a ₆₅₄	a ₆₅₅	a ₆₅₆	a ₆₅₇	a ₆₅₈	a ₆₅₉	a ₆₆₀	a ₆₆₁	a ₆₆₂	a ₆₆₃	a ₆₆₄	a ₆₆₅	a ₆₆₆	a ₆₆₇	a ₆₆₈	a ₆₆₉	a ₆₇₀	a ₆₇₁	a ₆₇₂	a ₆₇₃	a ₆₇₄	a ₆₇₅	a ₆₇₆	a ₆₇₇	a ₆₇₈	a ₆₇₉	a ₆₈₀	a ₆₈₁	a ₆₈₂	a ₆₈₃	a ₆₈₄	a ₆₈₅	a ₆₈₆	a ₆₈₇	a ₆₈₈	a ₆₈₉	a ₆₉₀	a ₆₉₁	a ₆₉₂	a ₆₉₃	a ₆₉₄	a ₆₉₅	a ₆₉₆	a ₆₉₇	a ₆₉₈	a ₆₉₉	a ₇₀₀	a ₇₀₁	a ₇₀₂	a ₇₀₃	a ₇₀₄	a ₇₀₅	a ₇₀₆	a ₇₀₇	a ₇₀₈	a ₇₀₉	a ₇₁₀	a ₇₁₁	a ₇₁₂	a ₇₁₃	a ₇₁₄	a ₇₁₅	a ₇₁₆	a ₇₁₇	a ₇₁₈	a ₇₁₉	a ₇₂₀	a ₇₂₁	a ₇₂₂	a ₇₂₃	a ₇₂₄	a ₇₂₅	a ₇₂₆	a ₇₂₇	a ₇₂₈	a ₇₂₉	a ₇₃₀	a ₇₃₁	a ₇₃₂	a ₇₃₃	a ₇₃₄	a ₇₃₅	a ₇₃₆	a ₇₃₇	a ₇₃₈	a ₇₃₉	a ₇₄₀	a ₇₄₁	a ₇₄₂	a ₇₄₃	a ₇₄₄	a ₇₄₅	a ₇₄₆	a ₇₄₇	a ₇₄₈	a ₇₄₉	a ₇₅₀	a ₇₅₁	a ₇₅₂	a ₇₅₃	a ₇₅₄	a ₇₅₅	a ₇₅₆	a ₇₅₇	a ₇₅₈	a ₇₅₉	a ₇₆₀	a ₇₆₁	a ₇₆₂	a ₇₆₃	a ₇₆₄	a ₇₆₅	a ₇₆₆	a ₇₆₇	a ₇₆₈	a ₇₆₉	a ₇₇₀	a ₇₇₁	a ₇₇₂	a ₇₇₃	a ₇₇₄	a ₇₇₅	a ₇₇₆	a ₇₇₇	a ₇₇₈	a ₇₇₉	a ₇₈₀	a ₇₈₁	a ₇₈₂	a ₇₈₃	a ₇₈₄	a ₇₈₅	a ₇₈₆	a ₇₈₇	a ₇₈₈	a ₇₈₉	a ₇₉₀	a ₇₉₁	a ₇₉₂	a ₇₉₃	a ₇₉₄	a ₇₉₅	a ₇₉₆	a ₇₉₇	a ₇₉₈	a ₇₉₉	a ₈₀₀	a ₈₀₁	a ₈₀₂	a ₈₀₃	a ₈₀₄	a ₈₀₅	a ₈₀₆	a ₈₀₇	a ₈₀₈	a ₈₀₉	a ₈₁₀	a ₈₁₁	a ₈₁₂	a ₈₁₃	a ₈₁₄	a ₈₁₅	a ₈₁₆	a ₈₁₇	a ₈₁₈	a ₈₁₉	a ₈₂₀	a ₈₂₁	a ₈₂₂	a ₈₂₃	a ₈₂₄	a ₈₂₅	a ₈₂₆	a ₈₂₇	a ₈₂₈	a ₈₂₉	a ₈₃₀	a ₈₃₁	a ₈₃₂	a ₈₃₃	a ₈₃₄	a ₈₃₅	a ₈₃₆	a ₈₃₇	a ₈₃₈	a ₈₃₉	a ₈₄₀	a ₈₄₁	a ₈₄₂	a ₈₄₃	a ₈₄₄	a ₈₄₅	a ₈₄₆	a ₈₄₇	a ₈₄₈	a ₈₄₉	a ₈₅₀	a ₈₅₁	a ₈₅₂	a ₈₅₃	a ₈₅₄	a ₈₅₅	a ₈₅₆	a ₈₅₇	a ₈₅₈	a ₈₅₉	a ₈₆₀	a ₈₆₁	a ₈₆₂	a ₈₆₃	a ₈₆₄	a ₈₆₅	a ₈₆₆	a ₈₆₇	a ₈₆₈	a ₈₆₉	a ₈₇₀	a ₈₇₁	a ₈₇₂	a ₈₇₃	a ₈₇₄	a ₈₇₅	a ₈₇₆	a ₈₇₇	a ₈₇₈	a ₈₇₉	a ₈₈₀	a ₈₈₁	a ₈₈₂	a ₈₈₃	a ₈₈₄	a ₈₈₅	a ₈₈₆	a ₈₈₇	a ₈₈₈	a ₈₈₉	a ₈₉₀	a ₈₉₁	a ₈₉₂	a ₈₉₃	a ₈₉₄	a ₈₉₅	a ₈₉₆	a ₈₉₇	a ₈₉₈	a ₈₉₉	a ₉₀₀	a ₉₀₁	a ₉₀₂	a ₉₀₃	a ₉₀₄	a ₉₀₅	a ₉₀₆	a ₉₀₇	a ₉₀₈	a ₉₀₉	a ₉₁₀	a ₉₁₁	a ₉₁₂	a ₉₁₃	a ₉₁₄	a ₉₁₅	a ₉₁₆	a ₉₁₇	a ₉₁₈	a ₉₁₉	a ₉₂₀	a ₉₂₁	a ₉₂₂	a ₉₂₃	a ₉₂₄	a ₉₂₅	a ₉₂₆	a ₉₂₇	a ₉₂₈	a ₉₂₉	a ₉₃₀	a ₉₃₁	a ₉₃₂	a ₉₃₃	a ₉₃₄	a ₉₃₅	a ₉₃₆	a ₉₃₇	a ₉₃₈	a ₉₃₉	a ₉₄₀	a ₉₄₁	a ₉₄₂	a ₉₄₃	a ₉₄₄	a ₉₄
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[illegible]

* Field bend or cut Reinforcing as required for clearance
 ① $4(N1-6") \times 4(N1-6")$ Rounded down to nearest 0.5'
 ② $4 \times 4(N1-16")$ ③ $N1 \times (9")$

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	SIDE or INTERIOR WALL PIPE SIZE	CU. YD. CON.
4'-4"	3'-8" x 1'-4" x 7 1/2"	21" Ø SMALLER	0.63 ±
5'-4"	4'-8" x 1'-4" x 7 1/2"	24" Ø 30"	1.09 ±
6'-4"	5'-8" x 1'-4" x 7 1/2"	36" Ø 42"	1.35 ±
7'-4"	6'-8" x 1'-4" x 7 1/2"	48" Ø 54"	1.61 ±
8'-4"	7'-8" x 1'-4" x 7 1/2"	60" Ø 66"	1.87 ±

REVISÉD 12-5-88

~~REVISED 12-21-04~~

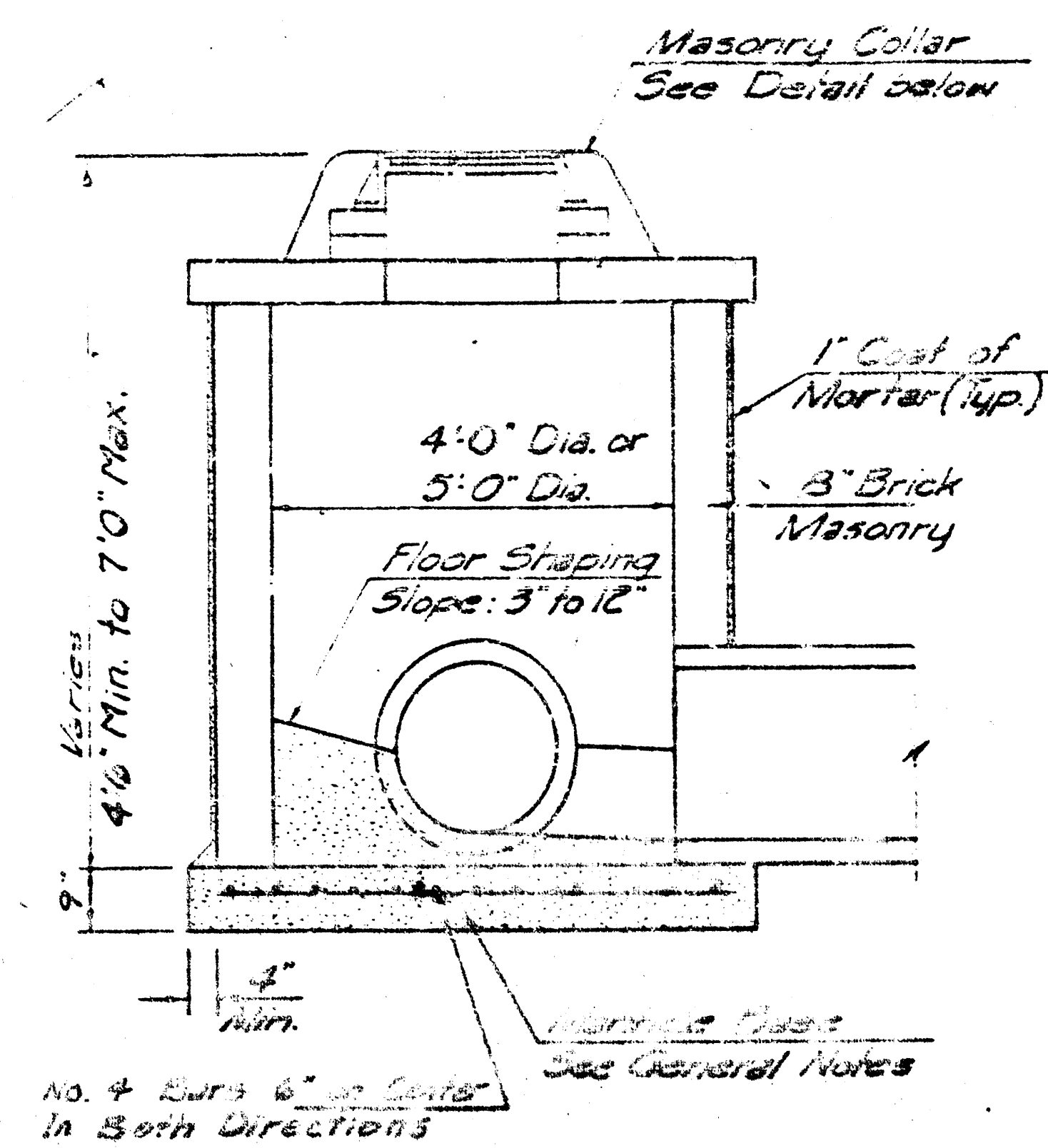
MKEC PROJ. NO. 89-28-113-D

WICHITA, KANSAS			
Designed by	BER, KJS, MWB	Checked by	MWB
Drawn by	JGP	Date	Nov., 1984
		Job No.	9/12

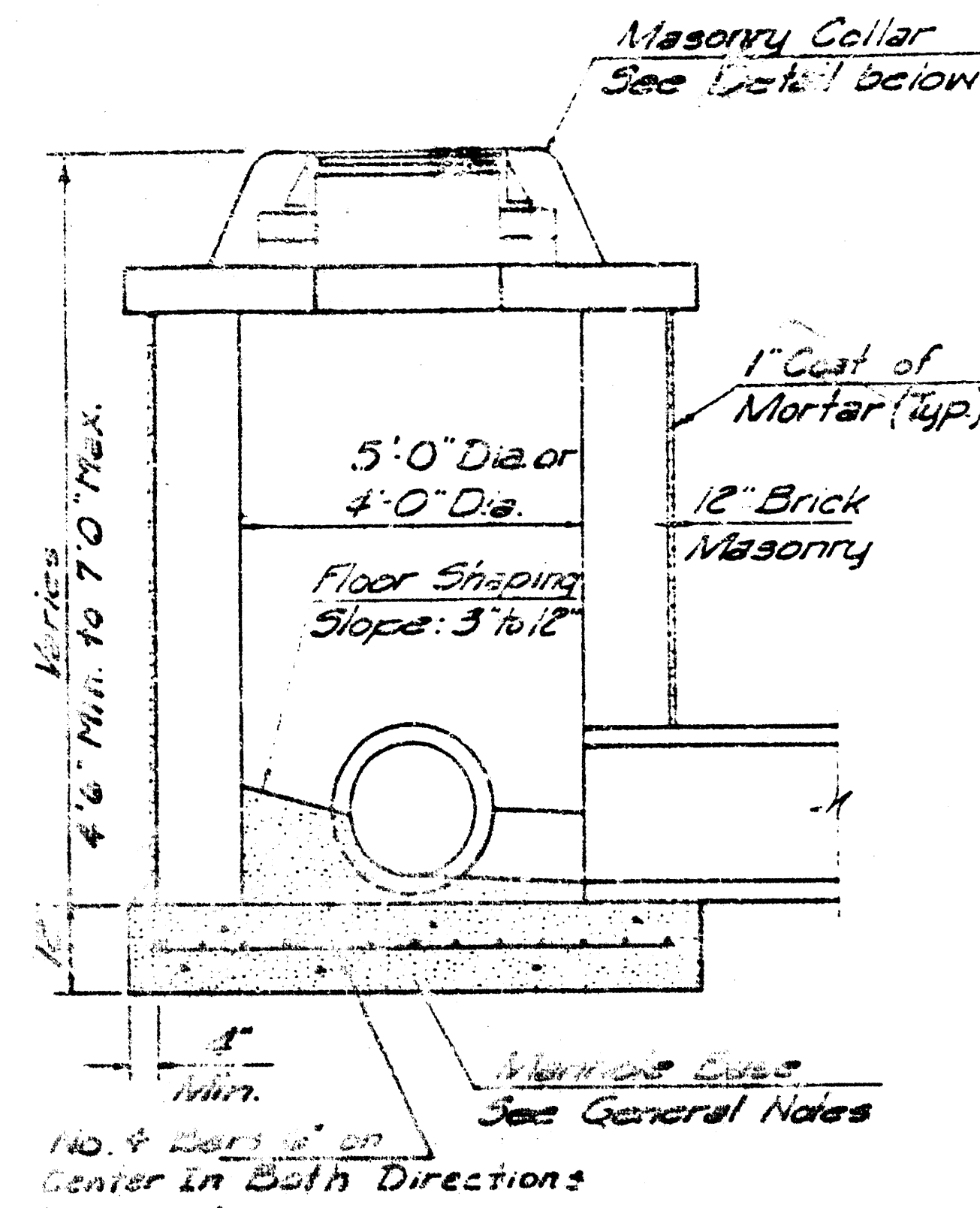
039170

9.60.115.0

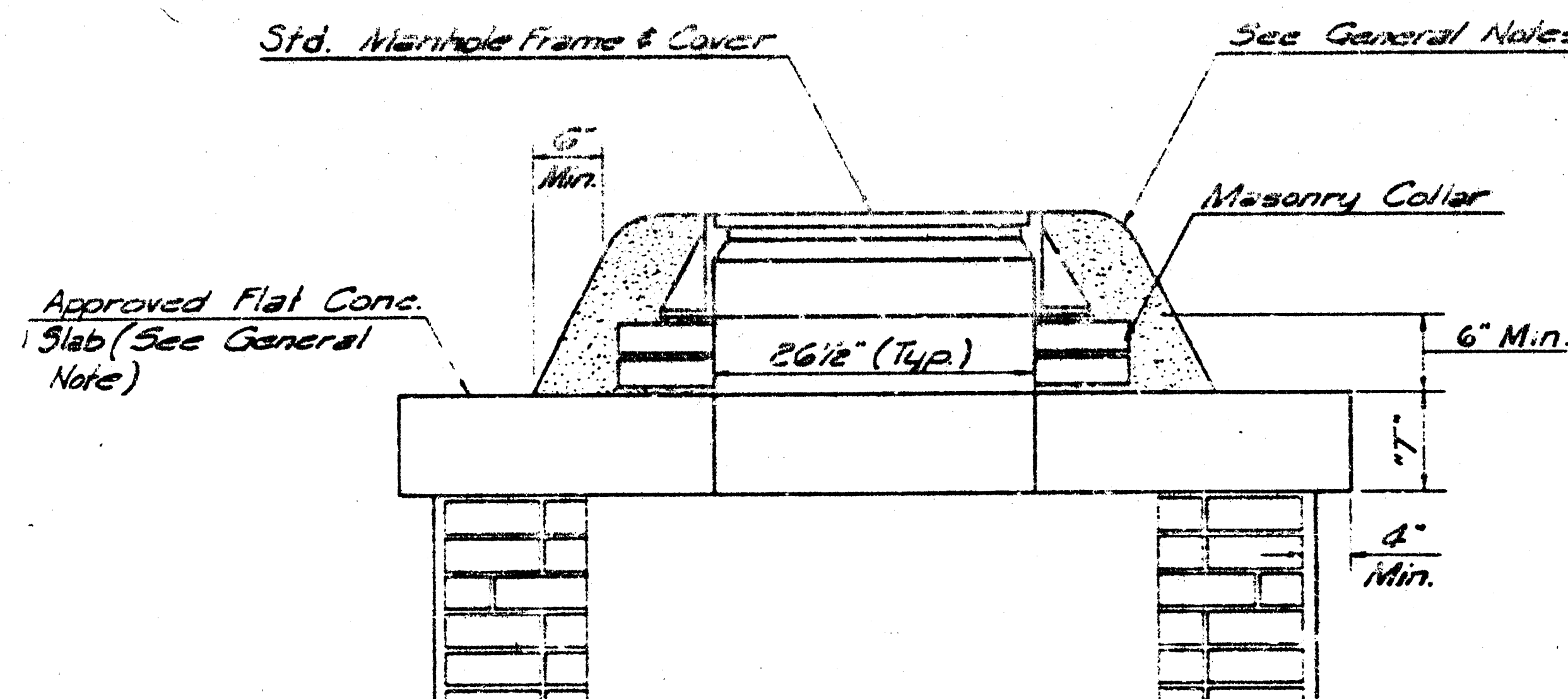
FILMED FROM THE BEST
AVAILABLE COPY...



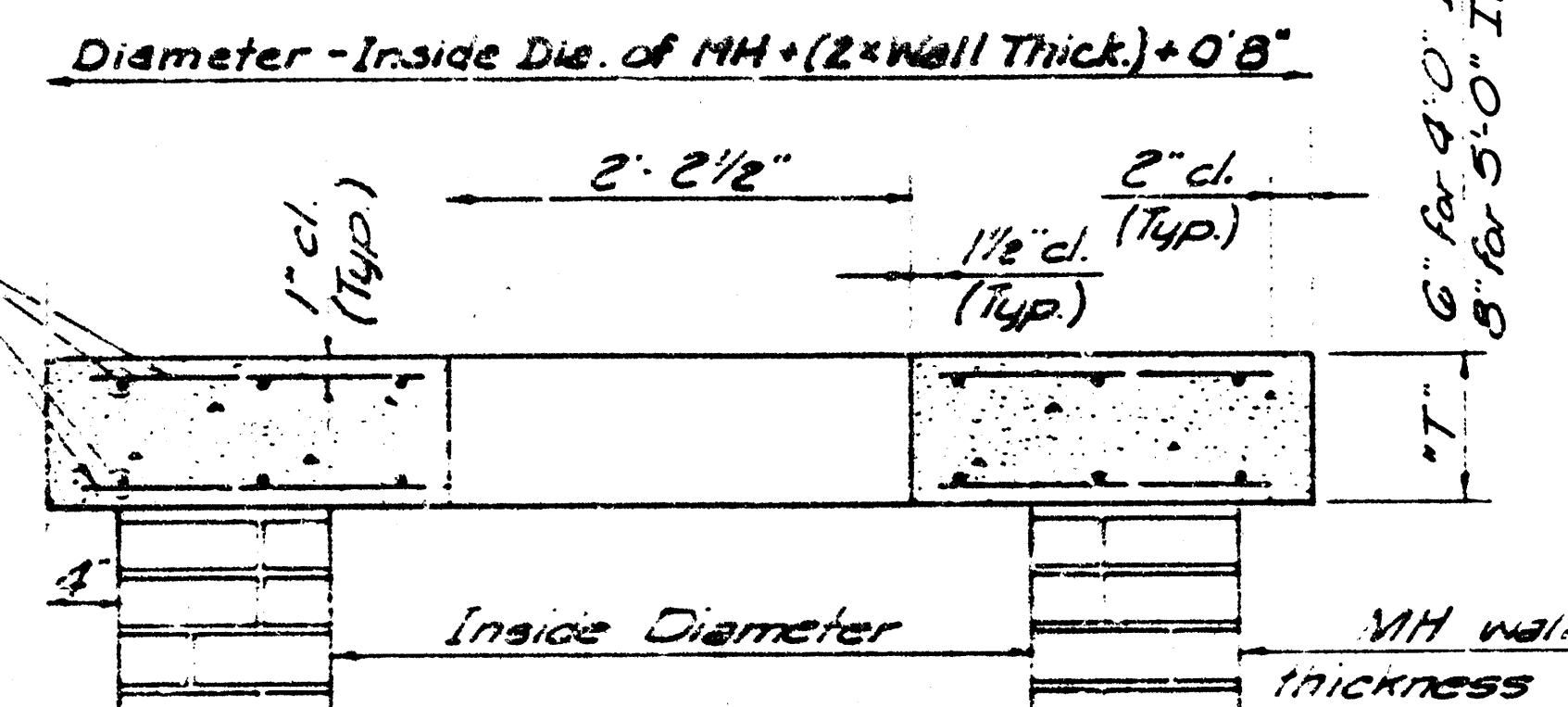
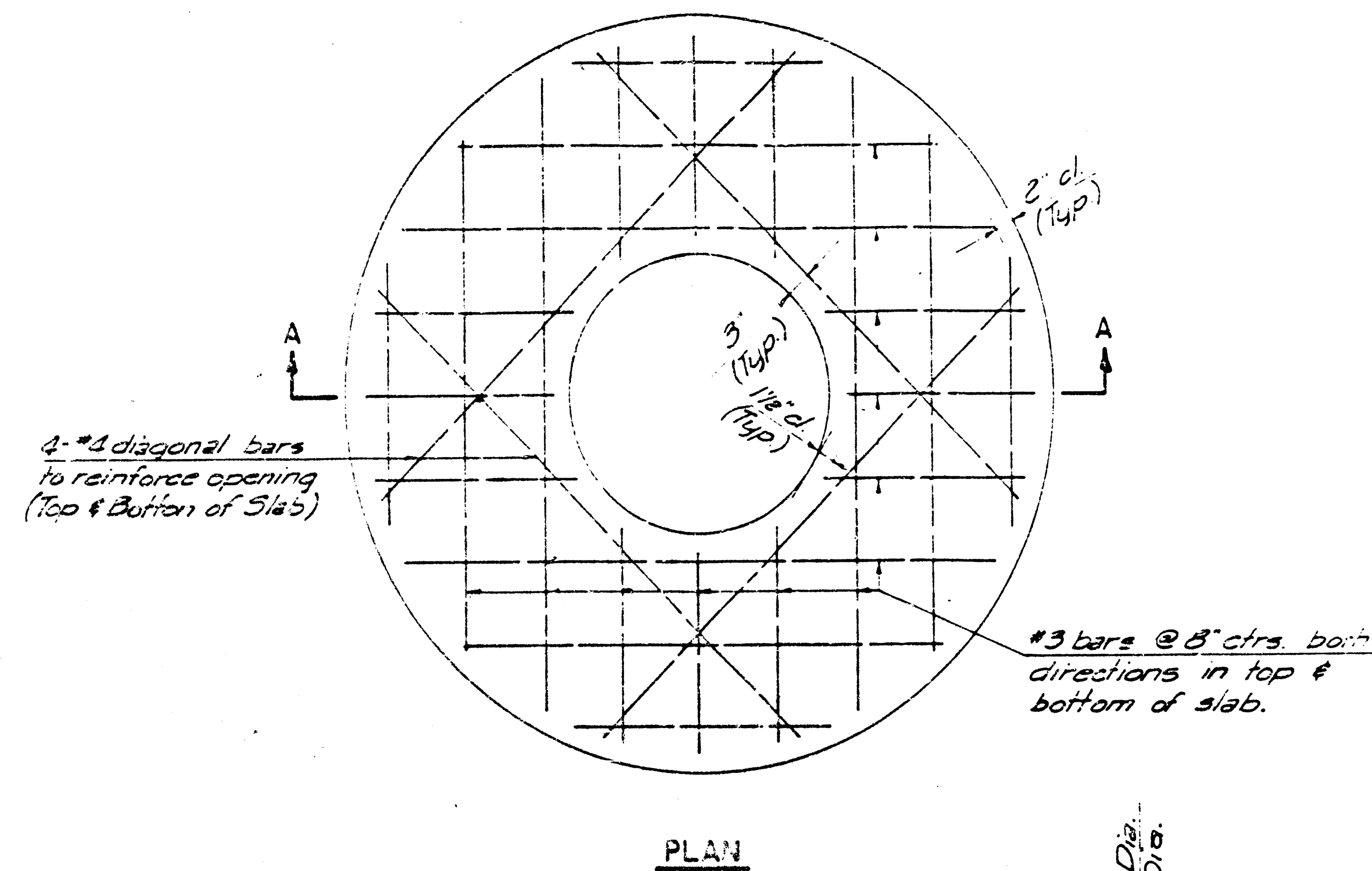
SHALLOW TYPE "A" MANHOLE



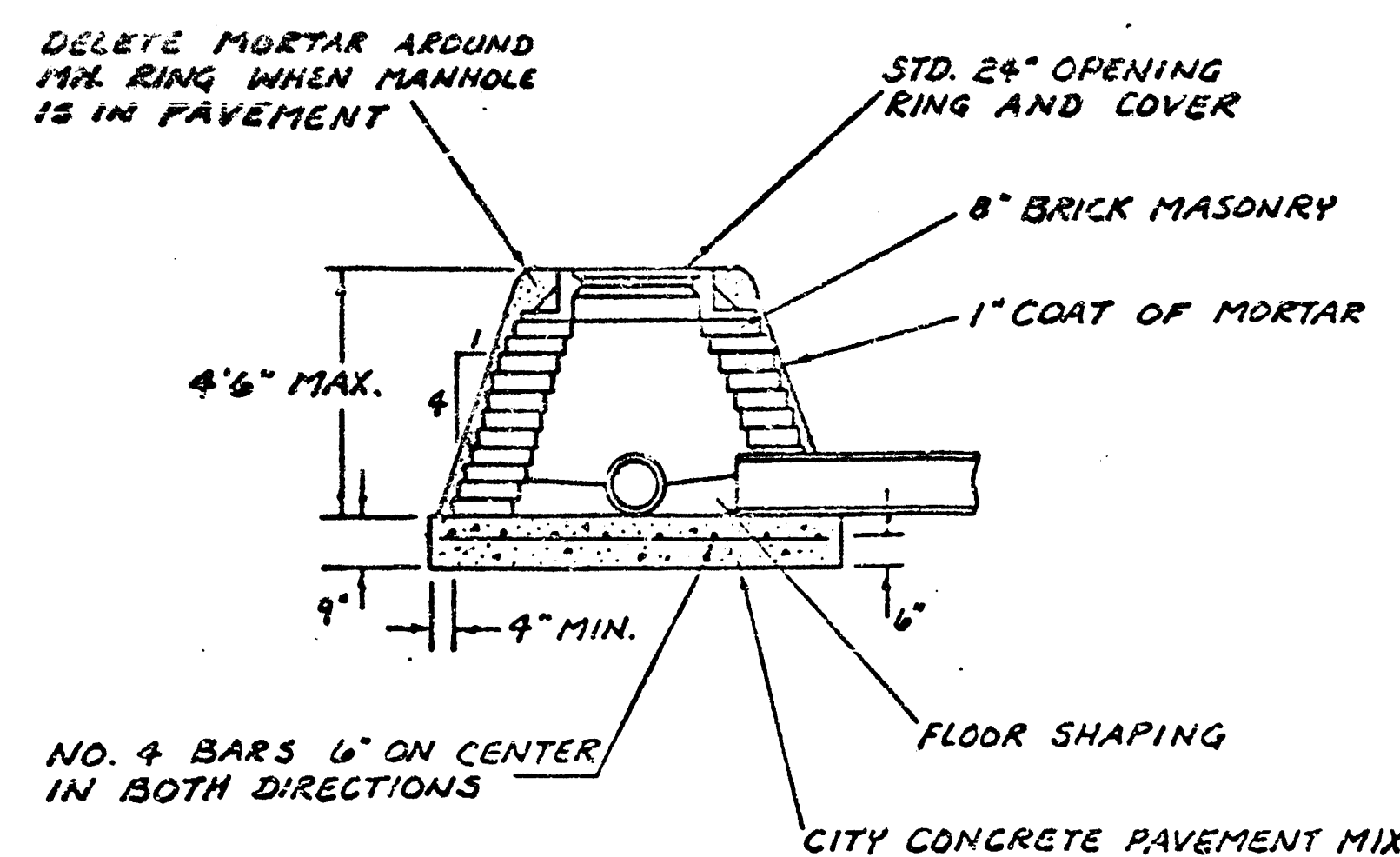
SHALLOW TYPE "B" MANHOLE



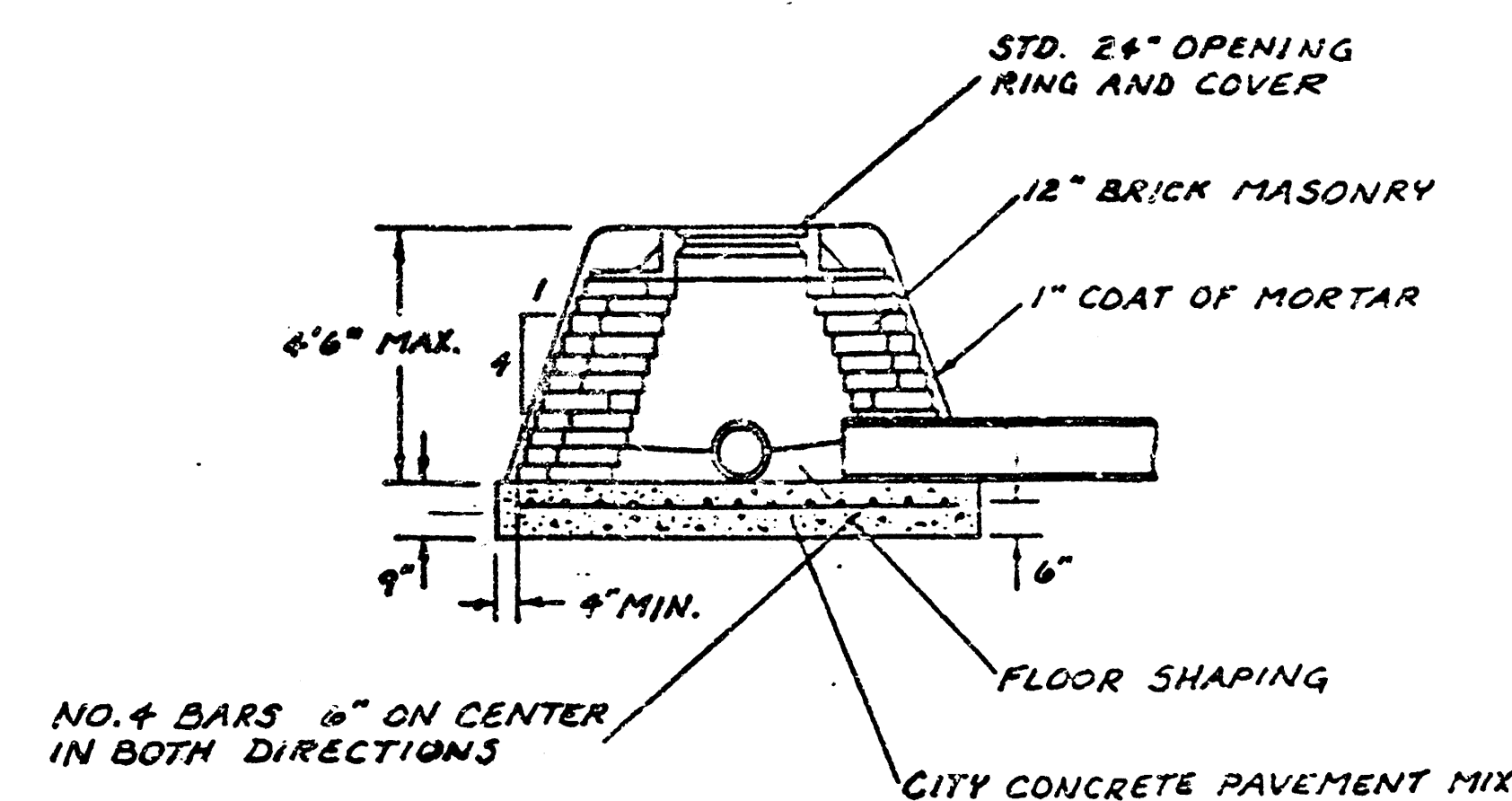
MASONRY COLLAR DETAIL



SECTION A-A
FLAT CONCRETE SLAB DETAILS



SPECIAL SHALLOW TYPE "A" MANHOLE



SPECIAL SHALLOW TYPE "B" MANHOLE

GENERAL NOTES

- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 3 BAGS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE CEMENT MIX WITHOUT AIR ENTRAINING ADJUSTMENT. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. TYPE "A" SHALLOW MANHOLES CAN BE USED ON SEWERS WHEN THE MANHOLE IS NOT LOCATED WITHIN PUBLIC STREET PAVEMENT. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4". MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5". COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
- REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED 6" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
- THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF-CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLUING PIPES AND THE OUTFLOWING PIPE AS SHOWN ON THE DRAWINGS. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF ROUNDED TO MEET LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
- PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE GRADED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
- MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWINGS.
- THE CROWNS OF INFLUING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
- STANDARD SHALLOW MANHOLES TYPE "A" AND "B" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH FOR THE TYPE AND DIAMETER INDICATED. STANDARD SPECIAL SHALLOW MANHOLES TYPE "A" AND "B" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH FOR THE TYPE INDICATED. ALL STANDARD SHALLOW MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.

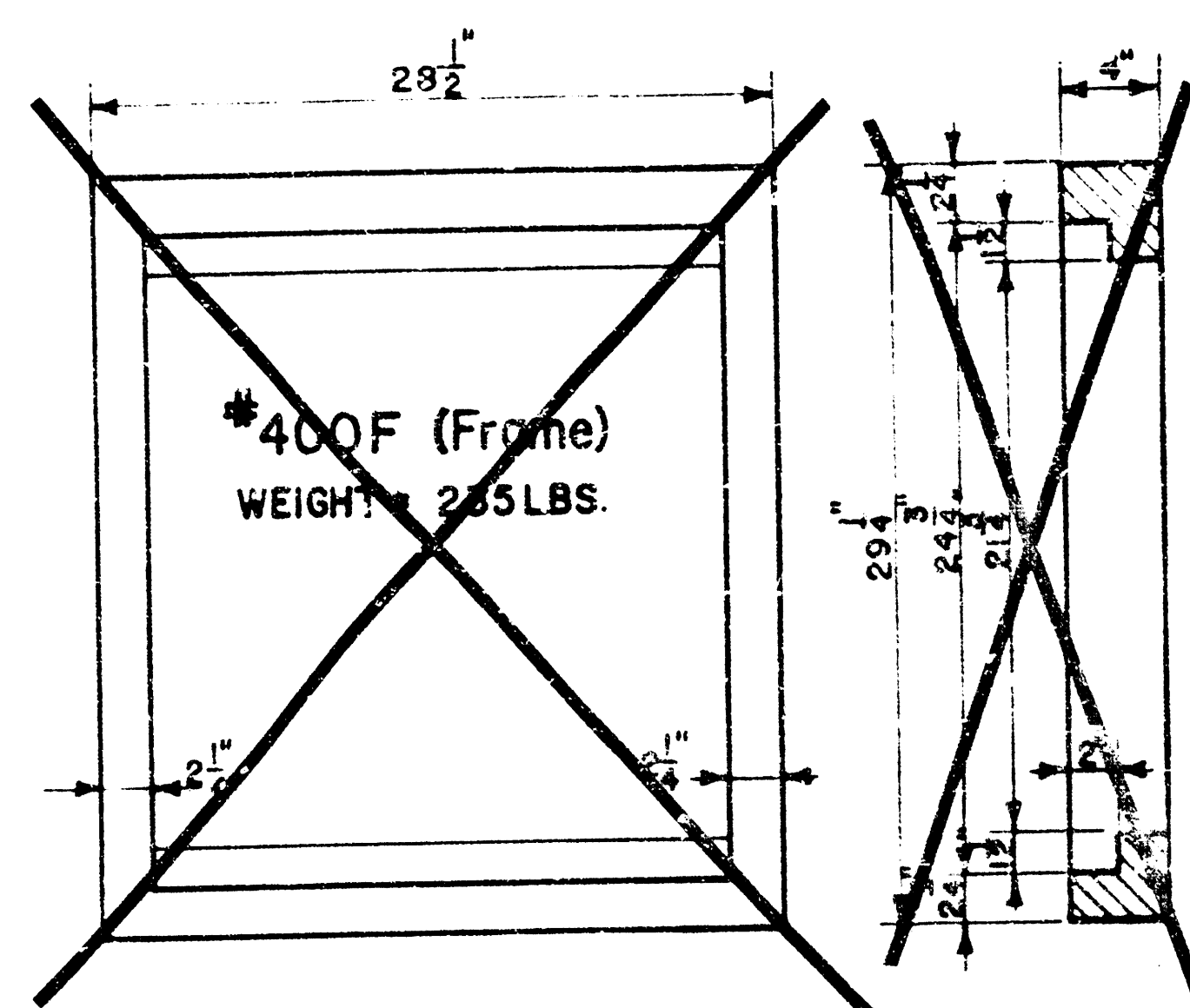
CITY OF WICHITA, KANSAS
STANDARD SHALLOW MANHOLES
TYPE "A" AND TYPE "B"

10
12

MKEC PROJ. NO. 89-25-113-D

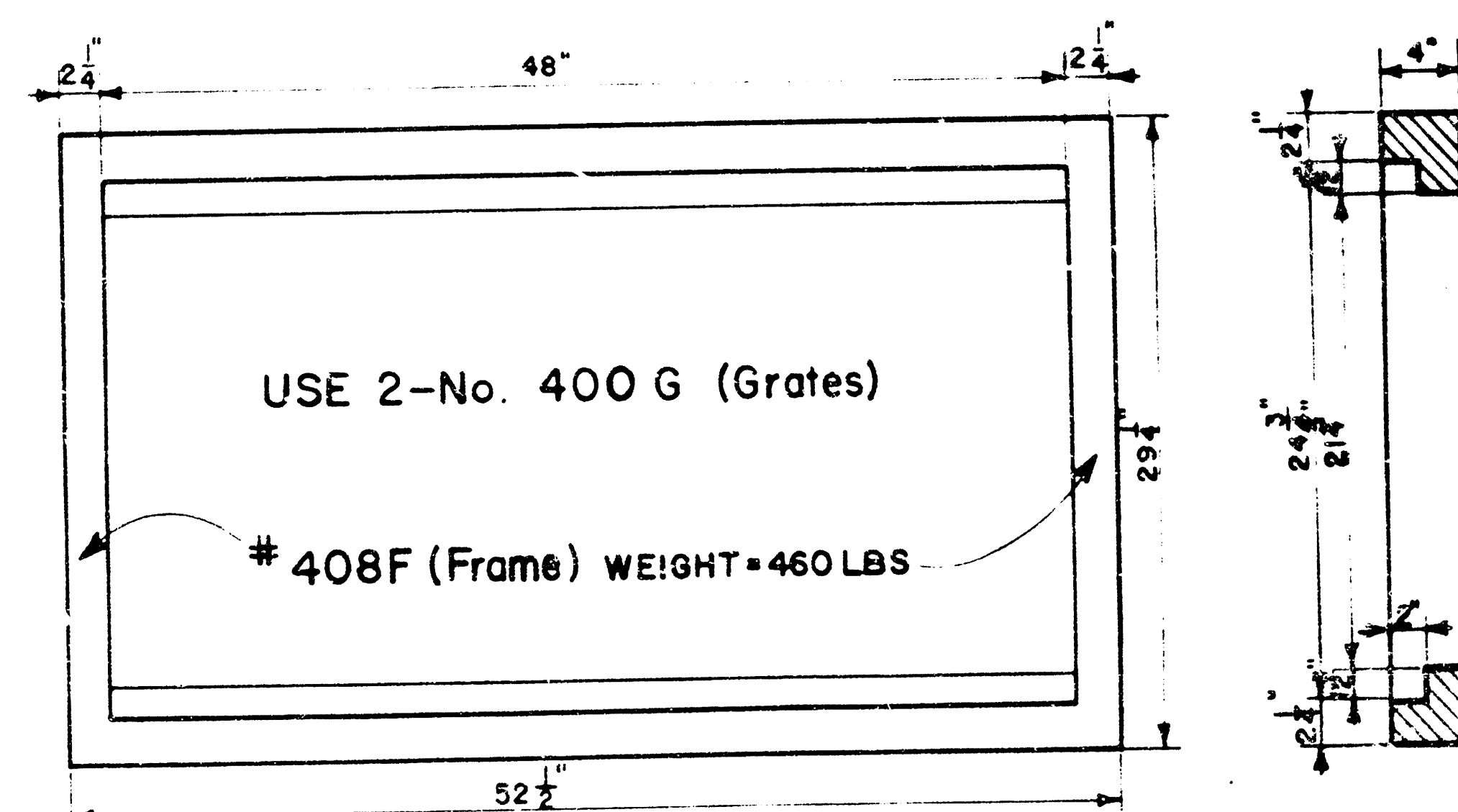
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NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be used only if approved by the engineer.

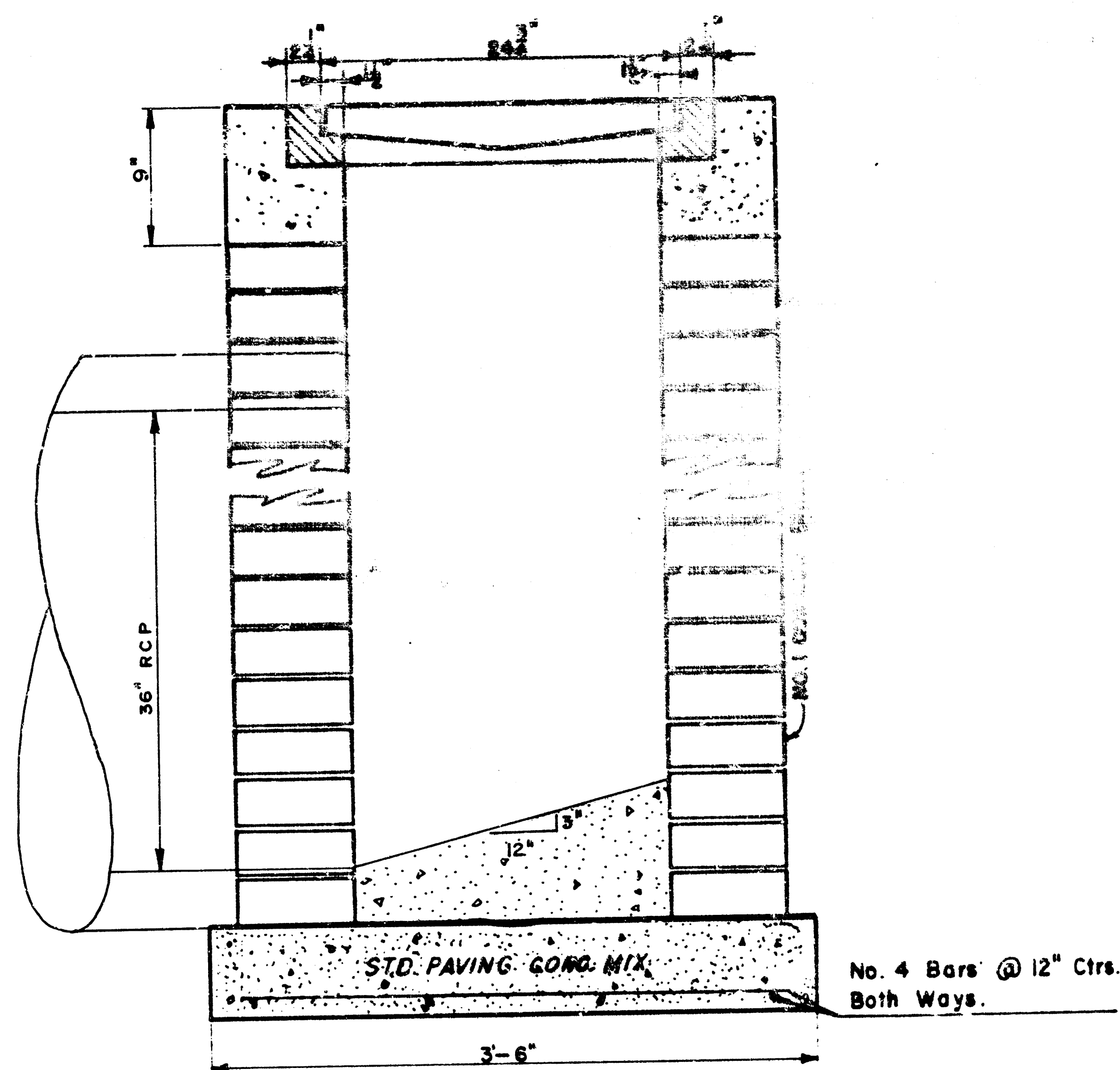


400G (Grate)
WEIGHT = 235 LBS

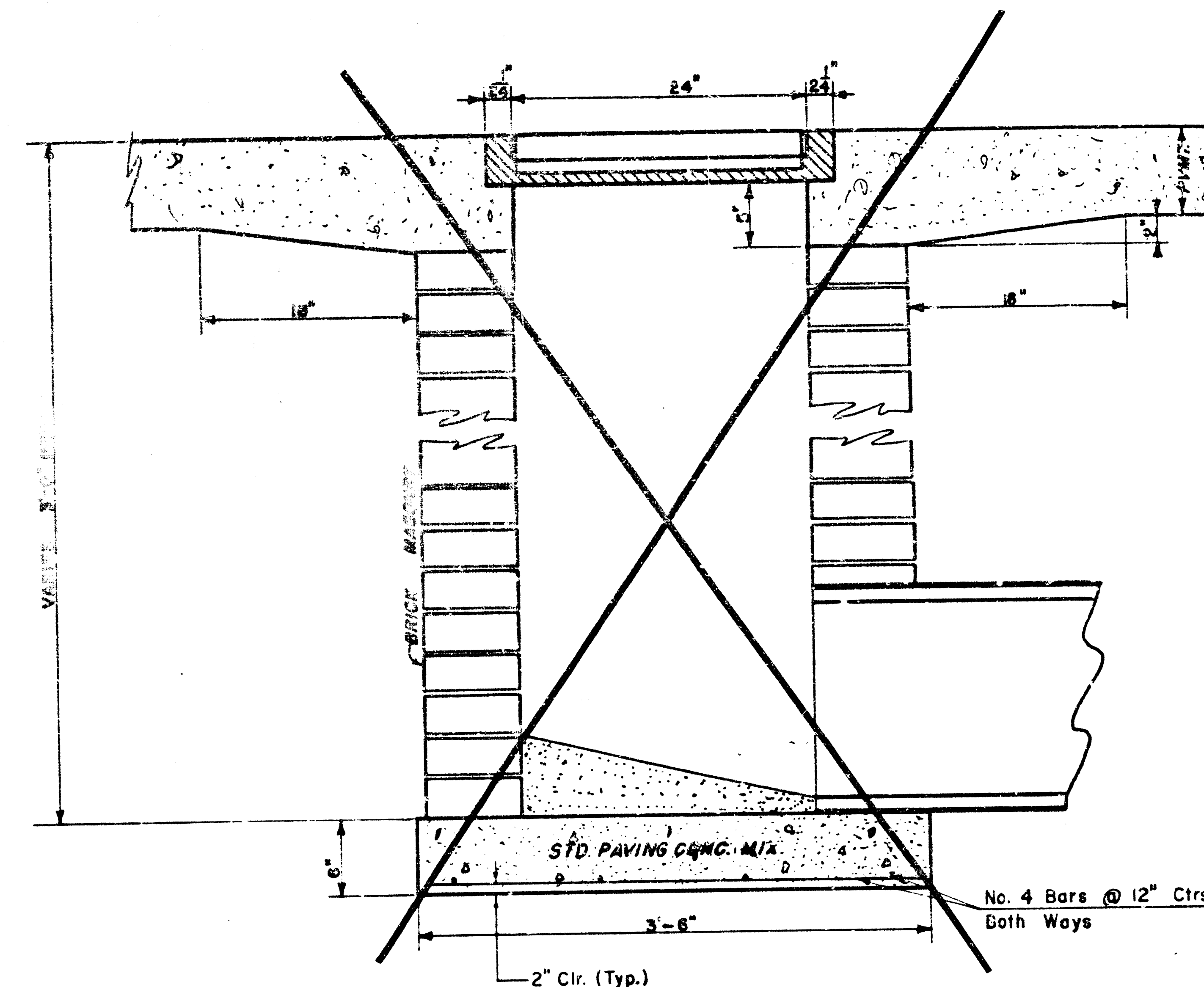
24"x24" Frame & Grate Detail



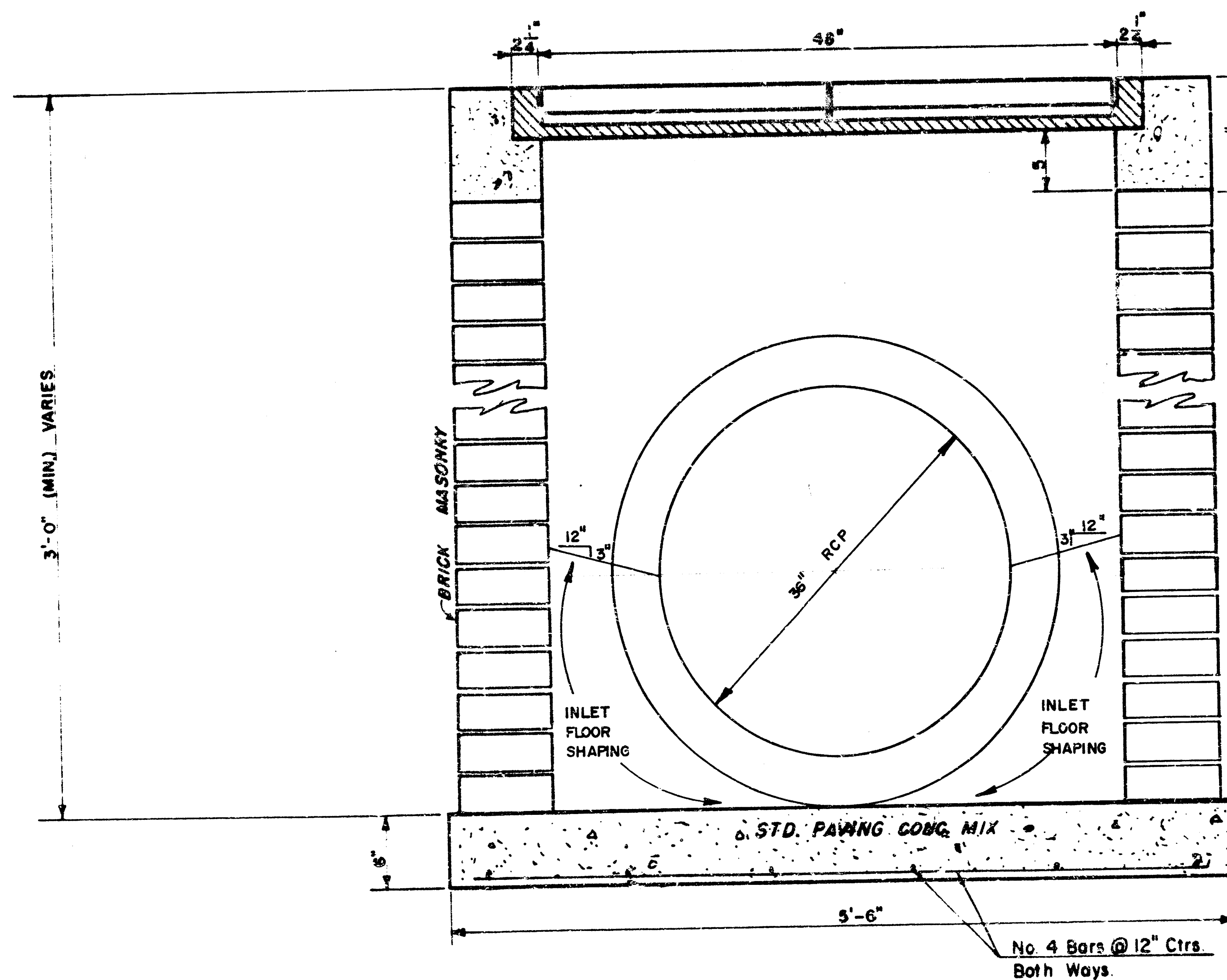
Double 24"x24" Frame Detail



No. 4 Bars @ 12" Ctrs.
Both Ways.



No. 4 Bars @ 12" Ctrs.
Both Ways



No. 4 Bars @ 12" Ctrs.
Both Ways.

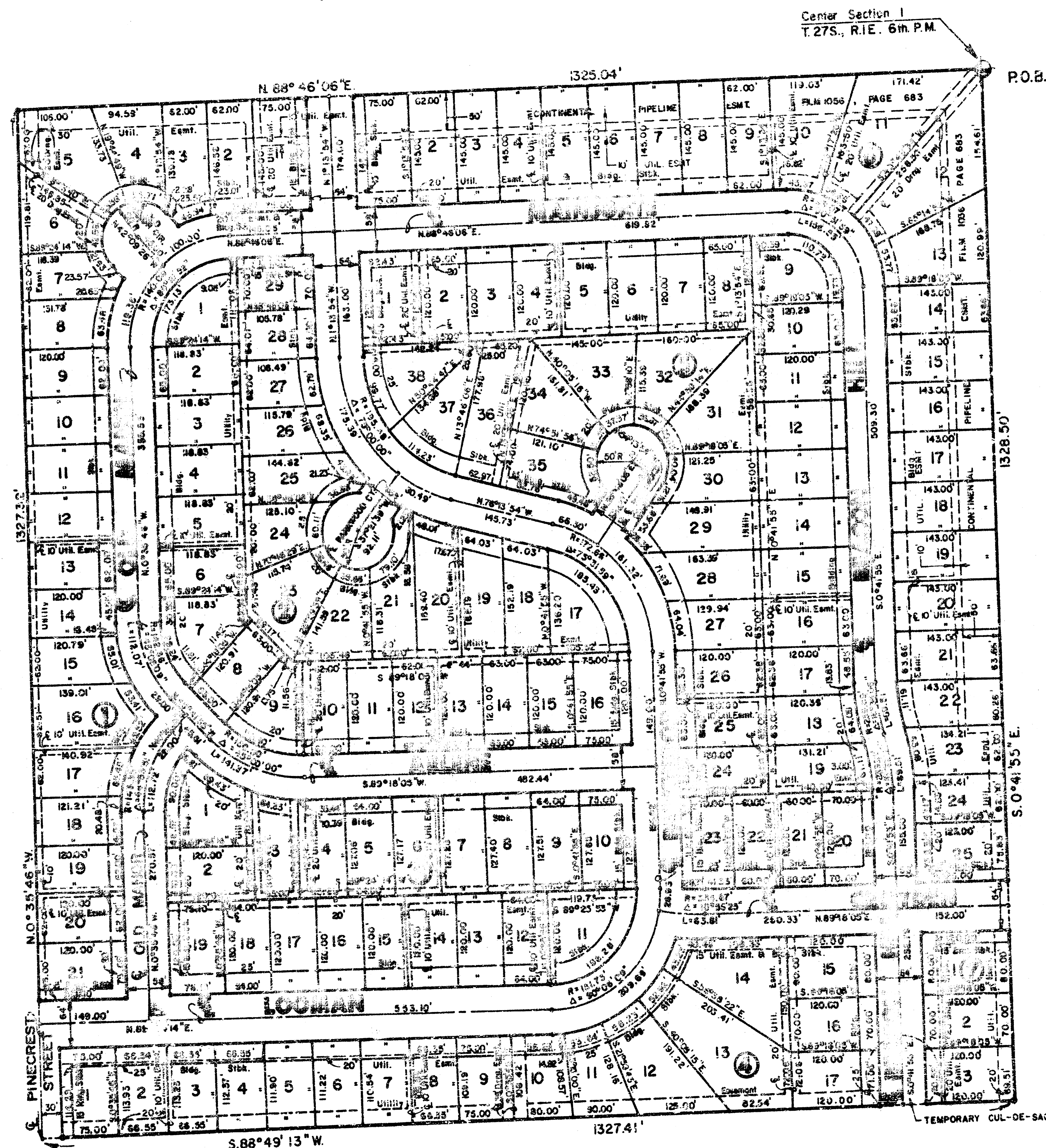
DROP INLET DETAILS

M.E. Lindebak, City Engineer
City of Wichita, Kansas
Project
Project No.
Date:
Scale: 1-1/2" = 1'-0"

MKEC PROJ. NO. 83-28-113-D

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FINAL PLAT OF BEACON VILLAGE AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



I, Kenneth H. Bengtson, a Civil Engineer and Registered Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "BEACON VILLAGE" an addition to Wichita, Sedgwick County, Kansas, into Lots, Blocks and Streets, the same being accurately set forth in the accompanying plat and described herein:

The East Half of the North Half of the Southwest Quarter of Section 1, Township 27 South, Range 1 East of the 6th P.M., Sedgwick County, Kansas, more particularly described as follows:

Beginning at the Northeast corner of said Southwest Quarter; thence S 00° 41' 55" E, 1328.50 feet along the East line of said Southwest Quarter, said line being the West line of Woodlawn Place 5th Addition, an addition to Wichita, Sedgwick County, Kansas; thence S 08° 43' 13" W, 1327.41 feet along the North line of Wichita Land Addition; an addition to Wichita, Sedgwick County, Kansas; thence N 00° 35' 46" W, 1327.32 feet along the East line of Prairie Hills 2nd Addition, an addition to Wichita, Sedgwick County, Kansas to a point on the North line of said Southwest Quarter; thence N 38° 46' 06" E, 1325.04 feet along the South line of Beacon Hill an addition to Wichita, Sedgwick County, Kansas to the point of beginning.

The drainage easement found on Film 621, Page 290 shall be vacated by virtue of K.S.A. 12-512 (b).

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 23 day of May, 1989.

Kenneth H. Bengtson
Kenneth H. Bengtson, P.E., R.L.S., #922
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Building #800
Wichita, Kansas 67226

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Land Surveyor's and Civil Engineers Certificate, have caused the same to be surveyed and platted into lots, blocks and streets, the same to be known as "BEACON VILLAGE" an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of drainage and public utilities are hereby granted. The temporary cul-de-sac for Beacon Hill is hereby granted, however, at such time as Beacon Hill is extended to the south the cul-de-sac shall be automatically vacated.

LEEWOOD HOMES, INC.

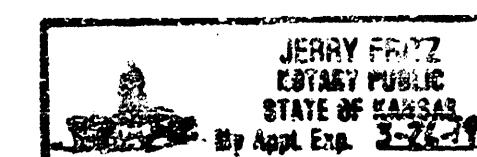
By: *Joe H. Lee*
Joe H. Lee, President

STATE OF KANSAS
SEDGWICK COUNTY

Be it remembered that on this 23 day of May, 1989, before me a Notary Public in and for said State and County, came Joe H. Lee, President of Leewood Homes, Inc., to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Jerry Fritz
Jerry Fritz, Notary Public

My Appointment Expires: March 26, 1991



We, Bank IV, Wichita, National Association, mortgagees on the above described property, do hereby consent to the plat of "BEACON VILLAGE".

BANK IV, WICHITA, NATIONAL ASSOCIATION

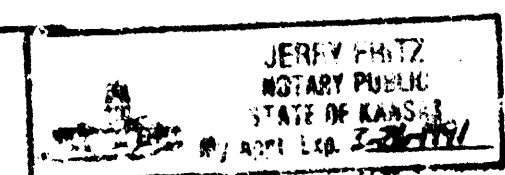
By: *Garry K. Brown*
Garry K. Brown, Senior Vice President

STATE OF KANSAS
SEDGWICK COUNTY

Be it remembered that on this 23 day of May, 1989, before me a Notary Public in and for said State and County, came Garry K. Brown, on behalf of Bank IV, Wichita, National Association, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Jerry Fritz
Jerry Fritz, Notary Public

My Appointment Expires: March 26, 1991



This plat of "BEACON VILLAGE" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 23 day of May, 1989.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

Sue L. Crockett, Chairman

Marvin S. Krout, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 23 day of May, 1989.

Bob Knight, Mayor

John Mott, City Clerk

Entered on transfer record this 23 day of May, 1989.

Don Wright, County Clerk

STATE OF KANSAS
SEDGWICK COUNTY

This is to certify that this instrument was filed for record in the Register of Deeds office this 23 day of May, 1989.

Pat Kettler, Register of Deeds

Ed Resa, Deputy