

CONSTRUCTION PLANS FOR STORM SEWER IMPROVEMENTS ABERDEEN 2ND ADDITION-PHASE 2 TO

THE CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E. — CITY ENGINEER

PROJECT NO. 962-PPS

OCA# 607861

INDEX

TITLE SHEET
STORM SEWER
DRIVEWAY GRATED INLET
ABERDEEN 2ND ADDITION PLAT

SHEET 1
SHEET 2
SHEET 3
SHEET 4

GENERAL NOTES:

- Utility service lines, poles, valve boxes, meters and etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sowed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the project costs.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.
All suitable excavation shall be wasted onsite unless otherwise directed on low lying lots within the addition before any material is placed offsite.
- All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to reestablish any property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished by a licensed land surveyor in accordance with state laws.
- All disturbed areas within street right-of-ways shall be seeded with temporary rye grass within 14 days of disturbance at a rate of 200 lbs. per acre.

NOTE TO CONTRACTOR

Inspection and testing for this project is to be provided by a licensed consulting engineering firm under contract with the owner/developer. Said inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a licensed professional engineer. No work shall be performed in dedicated easements or in public right-of-way by the contractor without such inspection. Nor shall any work be commenced in dedicated easements or public right-of-way without written authorization by the City Engineer.

APPROVED AS NOTED

BY THE CITY ENGINEER OF WICHITA

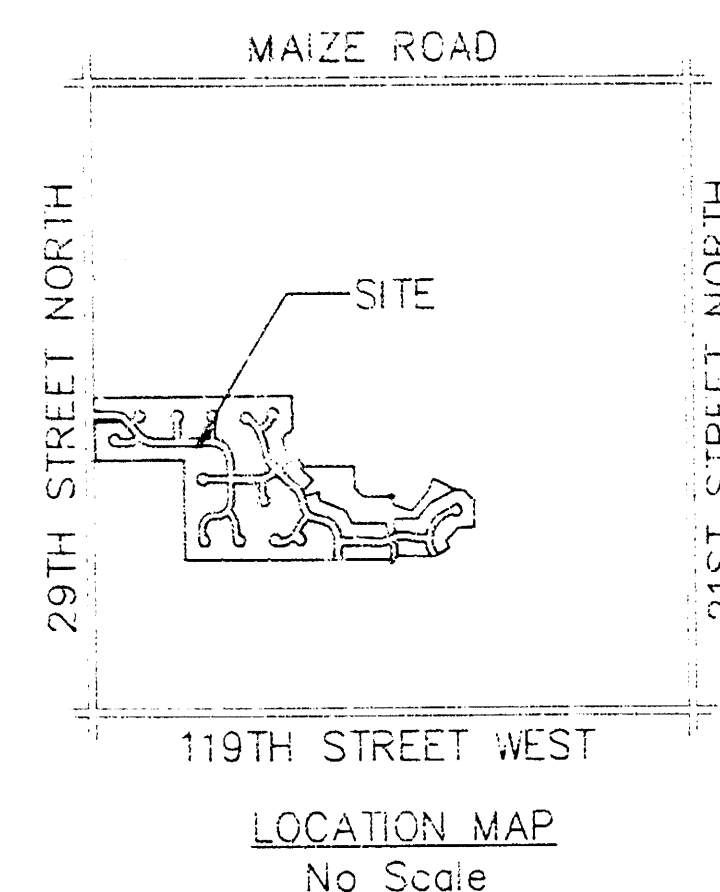
Sanitary Sewers _____

Storm Sewers VRH 12/3/99

Driveway Approaches _____

Water Mains _____

Paving _____



BENCH MARKS

- City of Wichita Benchmark disc, 67' south of centerline 21st St. & 79' south of section line, and 46' east of centerline 119th St. Elev. 172.08
- 80d nail in power pole, 30' east and 50' south of Northwest Corner of Government Lot 6 in SW Quarter of Section 6, T27S, R1W. Elev. 172.08
- 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W. Elev. 179.96
- 80d nail in power pole 40' west and 40' north of the NW Corner of the NW Corner of Sec. 6, T27S, R1W. Elev. 175.05

NOVEMBER 1999



POE & ASSOCIATES OF KANSAS, INC.

CONSULTING ENGINEERS

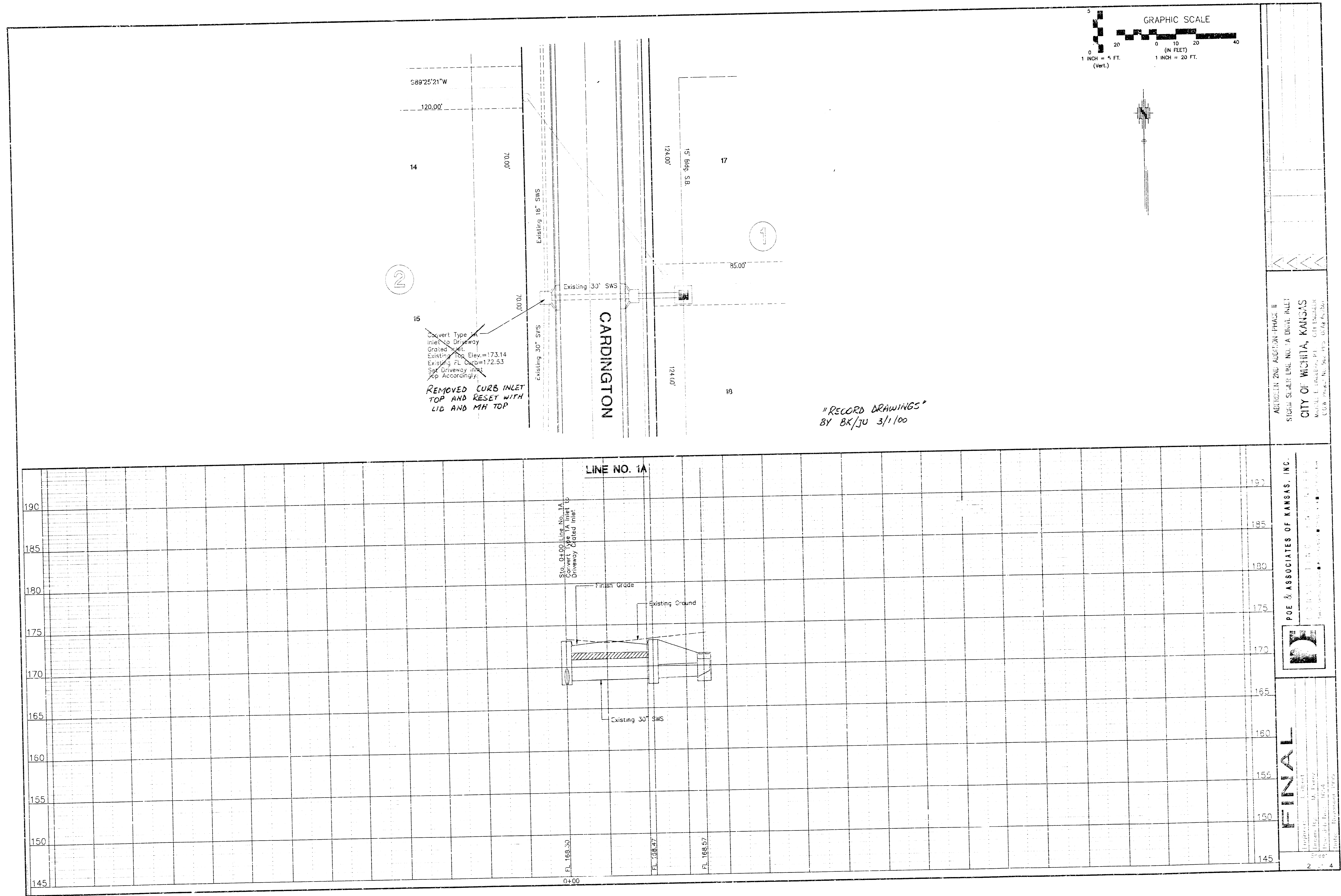
5940 E. Central, Suite 200 ■ Wichita, KS 67208 ■ 316/685-4114 ■ Fax 316/685-4444

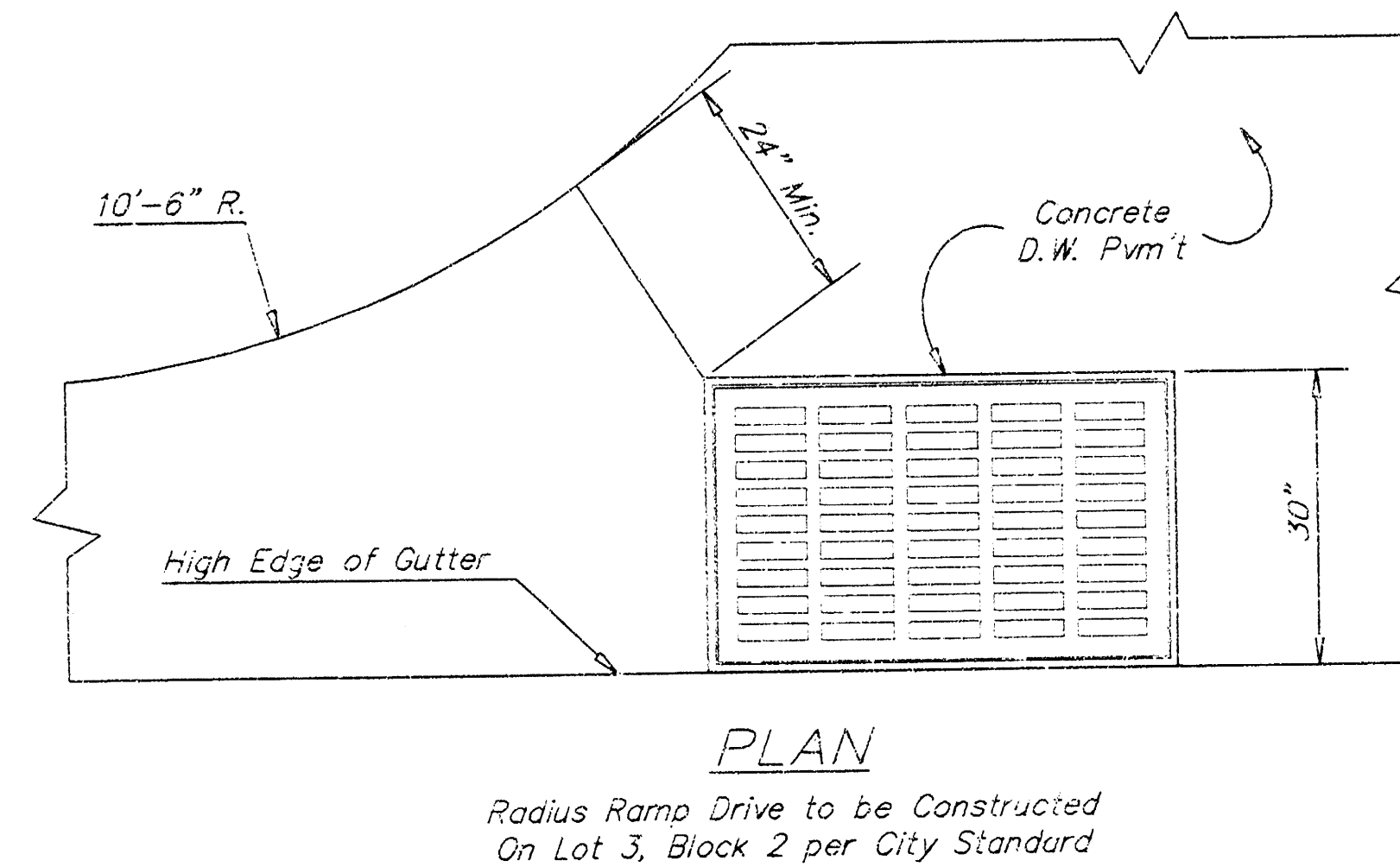
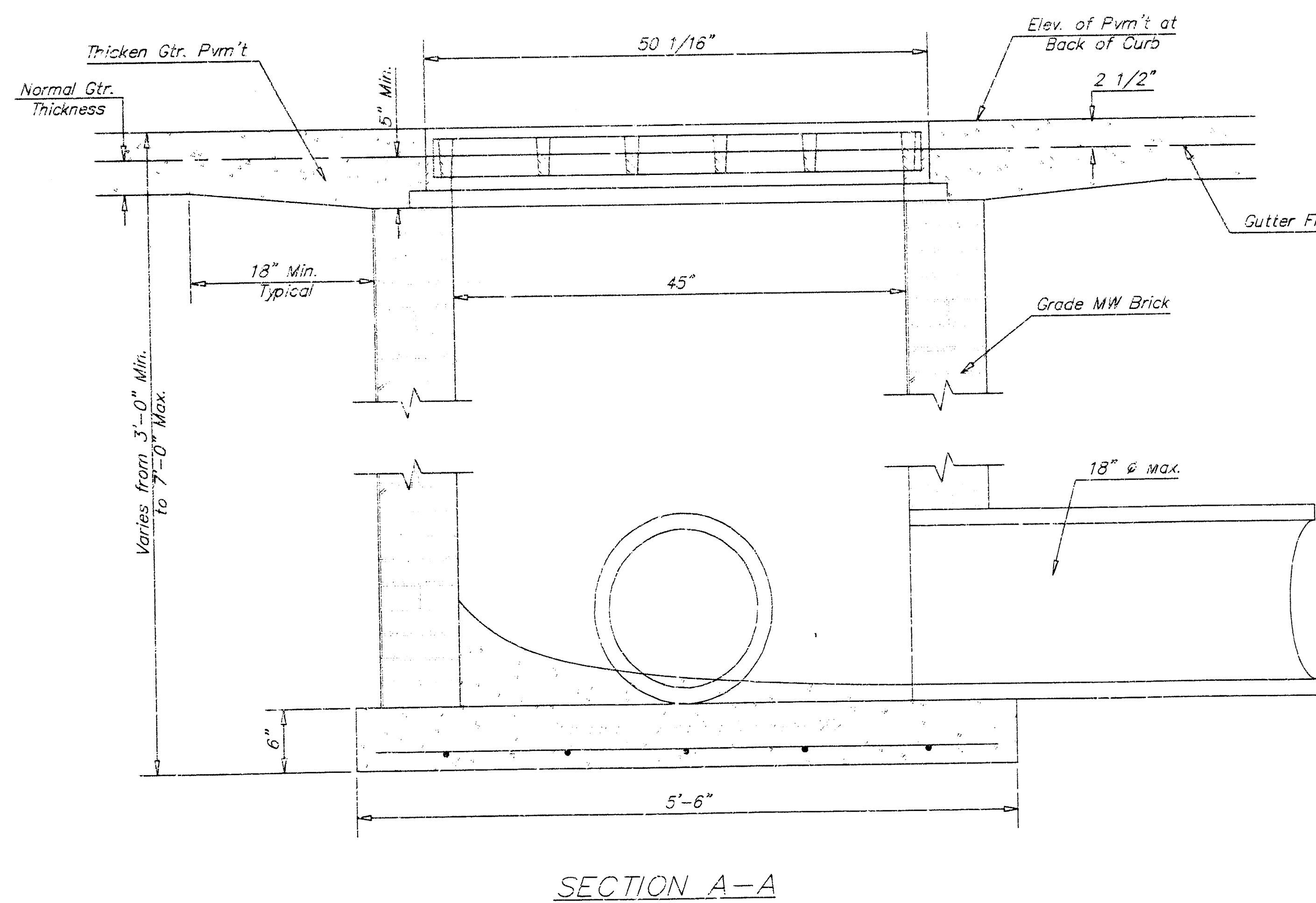
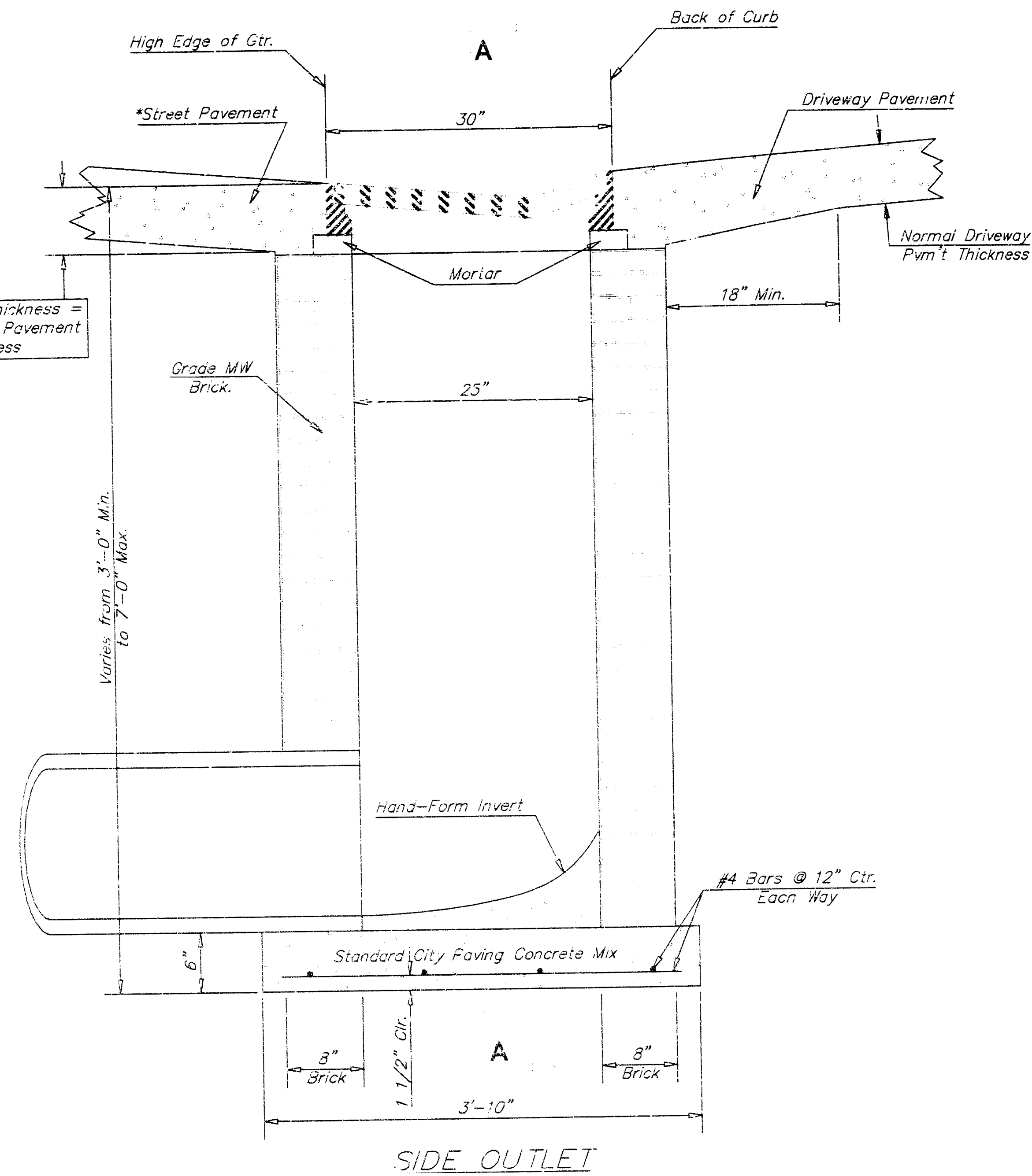
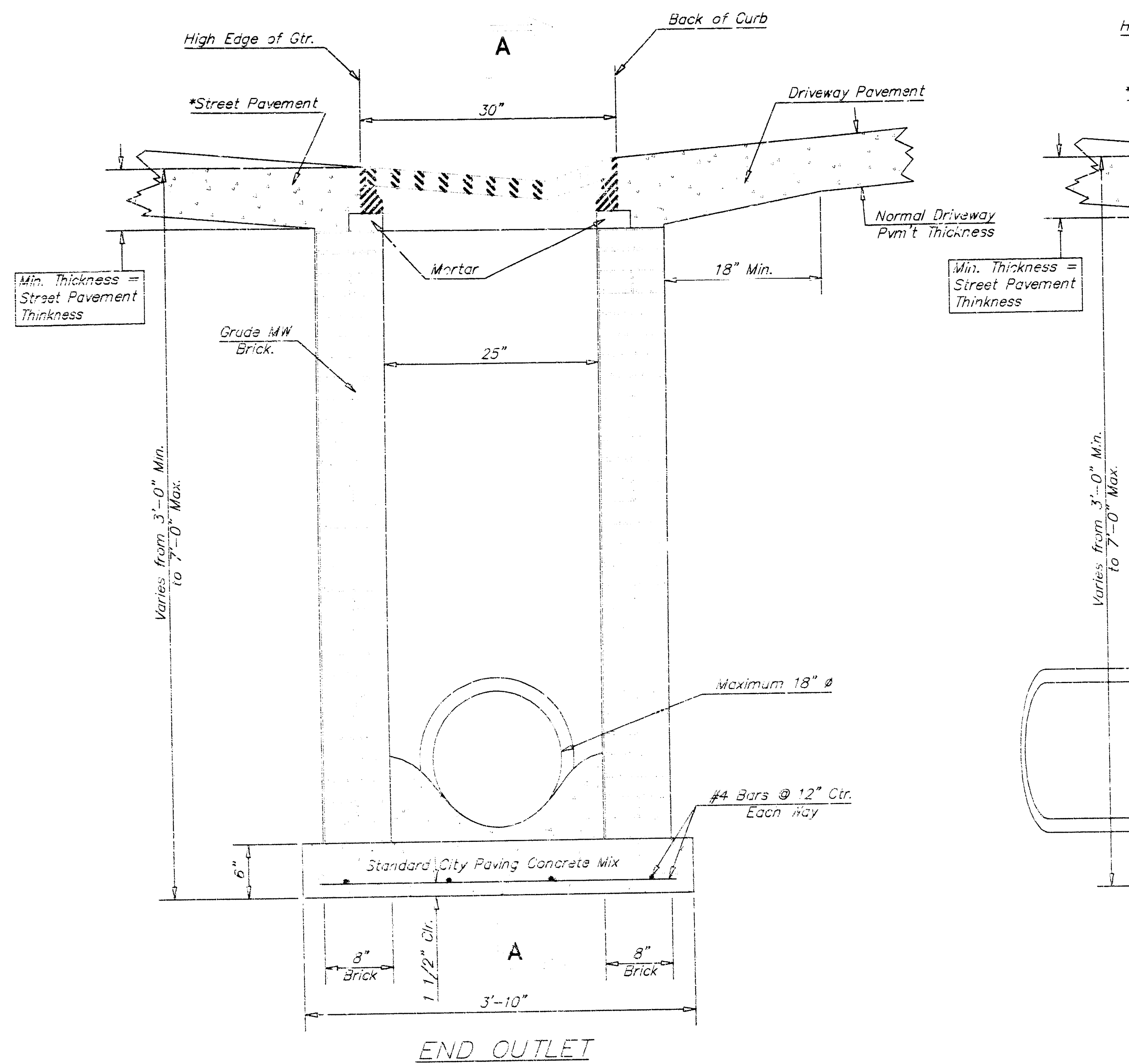
"RECORD DRAWINGS"
BY BK/JU 3/1/00

12-2-99

Scale 1" = 150'

SHEET 1 OF 4

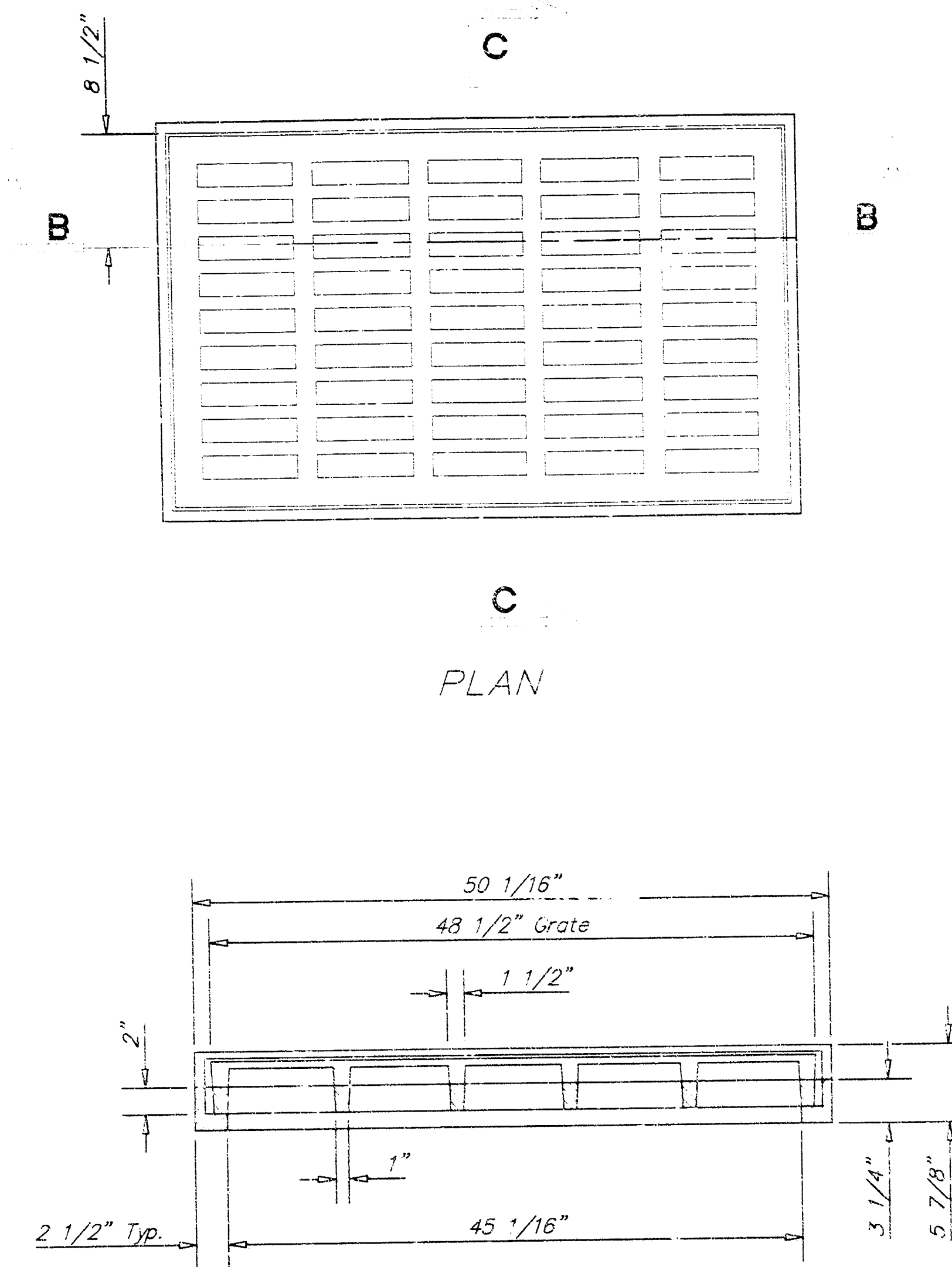




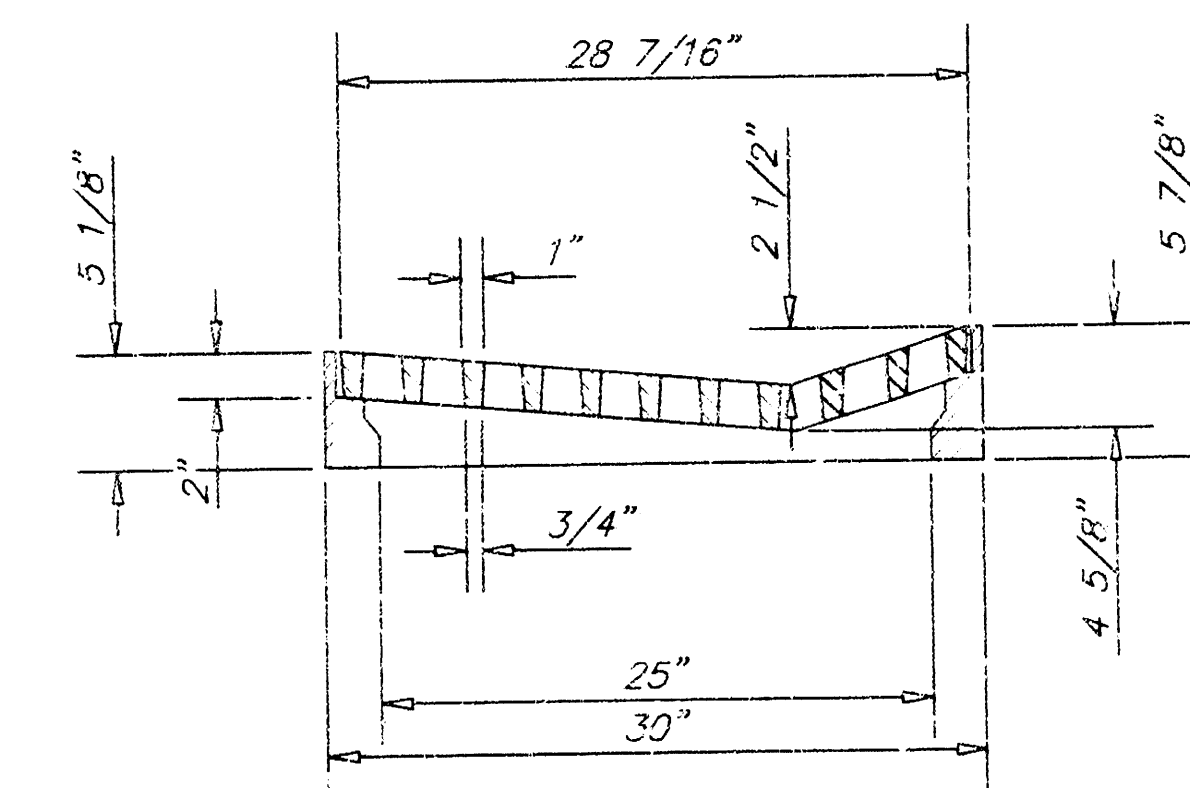
GENERAL NOTES

1. Grate frame to be installed on thin mortar cushion to insure full support along brick walls. Concrete used for inlet construction shall be concrete pavement mix.
2. Inlet invert shall be shaped with 8 sack sand mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
3. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.
4. Inlet Frame and Grate to be Deeter #2095 of approved equal

"RECORD DRAWINGS"
BY BK/JU 3/1/00



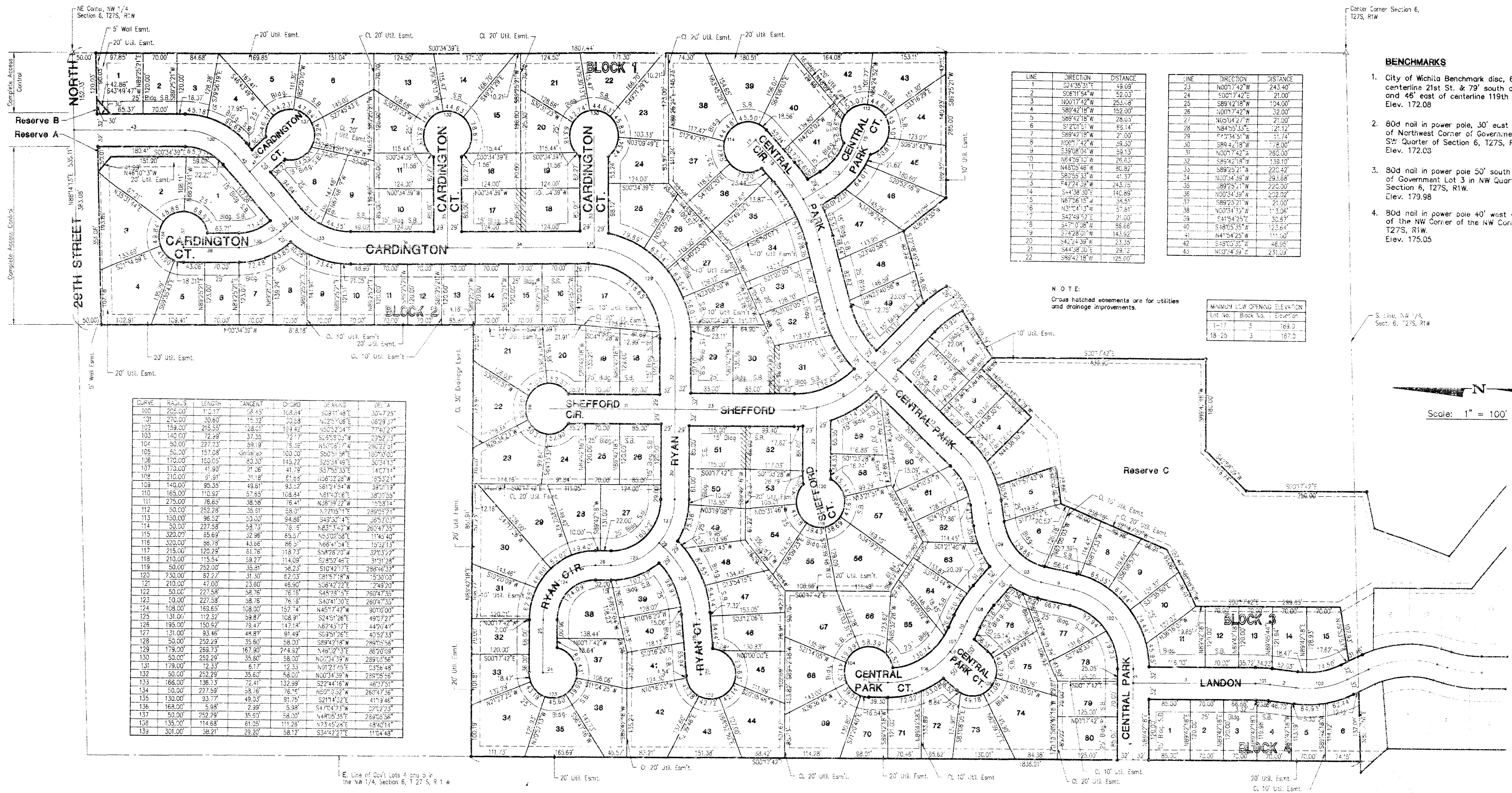
SECTION B-B



SECTION C-C

DEETER #2095 FRAME & GRATE

THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 TENTH MAIN STREET WICHITA, KANSAS 67202 (316) 266-4241 FAX (316) 266-4114 FAX	DRIVEWAY GRADED INLET SINGLE	
	M. E. LINGBAK P.E. - CITY ENGINEER	INDEX CODE XXXXX
	PROJECT NUMBER XXX-XXXX	SHEET 3 OF 4
	DATE MAR 95	SHEET 3 OF 4



CURVE	RADIUS	LENGTH	TANGENT	CHORD	OFF-SETTING	BEARING
100	200.00	101.72	76.43	100.00	50.00	304.725°
101	200.00	101.72	76.43	100.00	50.00	304.725°
102	150.00	76.43	57.35	75.00	37.50	304.725°
103	100.00	50.93	37.50	50.00	25.00	304.725°
104	50.00	25.46	18.75	25.00	12.50	304.725°
105	25.00	12.73	9.38	12.50	6.25	304.725°
106	12.50	6.37	4.69	6.25	3.12	304.725°
107	6.25	3.18	2.34	3.12	1.56	304.725°
108	3.12	1.59	1.17	1.56	0.78	304.725°
109	1.56	0.79	0.59	0.78	0.39	304.725°
110	0.78	0.40	0.29	0.39	0.19	304.725°
111	0.39	0.20	0.15	0.19	0.09	304.725°
112	0.19	0.10	0.07	0.09	0.05	304.725°
113	0.09	0.05	0.04	0.04	0.02	304.725°
114	0.04	0.02	0.02	0.02	0.01	304.725°
115	0.02	0.01	0.01	0.01	0.00	304.725°
116	0.01	0.00	0.00	0.00	0.00	304.725°
117	0.00	0.00	0.00	0.00	0.00	304.725°
118	0.00	0.00	0.00	0.00	0.00	304.725°
119	0.00	0.00	0.00	0.00	0.00	304.725°
120	0.00	0.00	0.00	0.00	0.00	304.725°
121	0.00	0.00	0.00	0.00	0.00	304.725°
122	0.00	0.00	0.00	0.00	0.00	304.725°
123	0.00	0.00	0.00	0.00	0.00	304.725°
124	0.00	0.00	0.00	0.00	0.00	304.725°
125	0.00	0.00	0.00	0.00	0.00	304.725°
126	0.00	0.00	0.00	0.00	0.00	304.725°
127	0.00	0.00	0.00	0.00	0.00	304.725°
128	0.00	0.00	0.00	0.00	0.00	304.725°
129	0.00	0.00	0.00	0.00	0.00	304.725°
130	0.00	0.00	0.00	0.00	0.00	304.725°
131	0.00	0.00	0.00	0.00	0.00	304.725°
132	0.00	0.00	0.00	0.00	0.00	304.725°
133	0.00	0.00	0.00	0.00	0.00	304.725°
134	0.00	0.00	0.00	0.00	0.00	304.725°
135	0.00	0.00	0.00	0.00	0.00	304.725°
136	0.00	0.00	0.00	0.00	0.00	304.725°
137	0.00	0.00	0.00	0.00	0.00	304.725°
138	0.00	0.00	0.00	0.00	0.00	304.725°
139	0.00	0.00	0.00	0.00	0.00	304.725°

LINE	DIRECTION	DISTANCE
1	S 0° 00' 00" E	10.00
2	S 0° 00' 00" E	10.00
3	S 0° 00' 00" E	10.00
4	S 0° 00' 00" E	10.00
5	S 0° 00' 00" E	10.00
6	S 0° 00' 00" E	10.00
7	S 0° 00' 00" E	10.00
8	S 0° 00' 00" E	10.00
9	S 0° 00' 00" E	10.00
10	S 0° 00' 00" E	10.00
11	S 0° 00' 00" E	10.00
12	S 0° 00' 00" E	10.00
13	S 0° 00' 00" E	10.00
14	S 0° 00' 00" E	10.00
15	S 0° 00' 00" E	10.00
16	S 0° 00' 00" E	10.00
17	S 0° 00' 00" E	10.00
18	S 0° 00' 00" E	10.00
19	S 0° 00' 00" E	10.00
20	S 0° 00' 00" E	10.00
21	S 0° 00' 00" E	10.00
22	S 0° 00' 00" E	10.00

LINE	DIRECTION	DISTANCE
23	N 0° 00' 00" W	10.00
24	N 0° 00' 00" W	10.00
25	N 0° 00' 00" W	10.00
26	N 0° 00' 00" W	10.00
27	N 0° 00' 00" W	10.00
28	N 0° 00' 00" W	10.00
29	N 0° 00' 00" W	10.00
30	N 0° 00' 00" W	10.00
31	N 0° 00' 00" W	10.00
32	N 0° 00' 00" W	10.00
33	N 0° 00' 00" W	10.00
34	N 0° 00' 00" W	10.00
35	N 0° 00' 00" W	10.00
36	N 0° 00' 00" W	10.00
37	N 0° 00' 00" W	10.00
38	N 0° 00' 00" W	10.00
39	N 0° 00' 00" W	10.00
40	N 0° 00' 00" W	10.00
41	N 0° 00' 00" W	10.00
42	N 0° 00' 00" W	10.00
43	N 0° 00' 00" W	10.00
44	N 0° 00' 00" W	10.00
45	N 0° 00' 00" W	10.00
46	N 0° 00' 00" W	10.00
47	N 0° 00' 00" W	10.00
48	N 0° 00' 00" W	10.00
49	N 0° 00' 00" W	10.00
50	N 0° 00' 00" W	10.00

NOTE:
Cross hatched easements are for utilities and drainage improvements.

MINIMUM LOW OPENING ELEVATION		
1" = 1"	3	69.0
18" = 3"	3	187.0

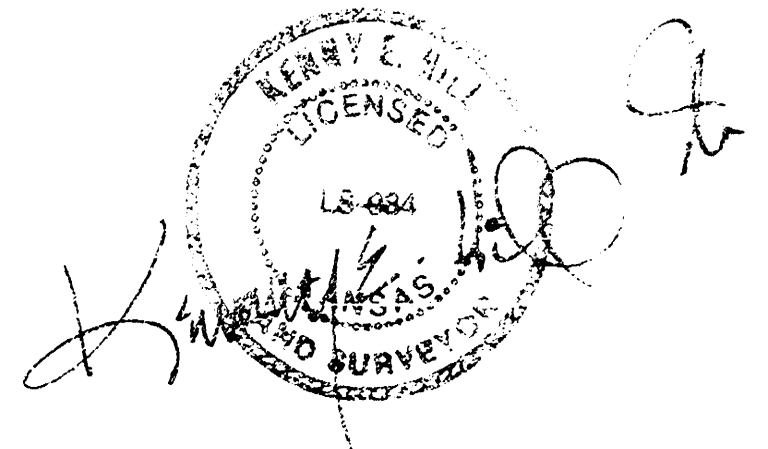
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Scale: 1" = 100'

ABERDEEN SECOND ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS

"RECORD DRAWINGS"
BY BK/JU 3/1/00



9-3-96 Sheet No. 1 of 2

14 08 01 10 PC71-5B