

CONSTRUCTION PLANS

SANITARY SEWER EXTENSIONS

MEADOW OAKS 2ND ADDITION

TO

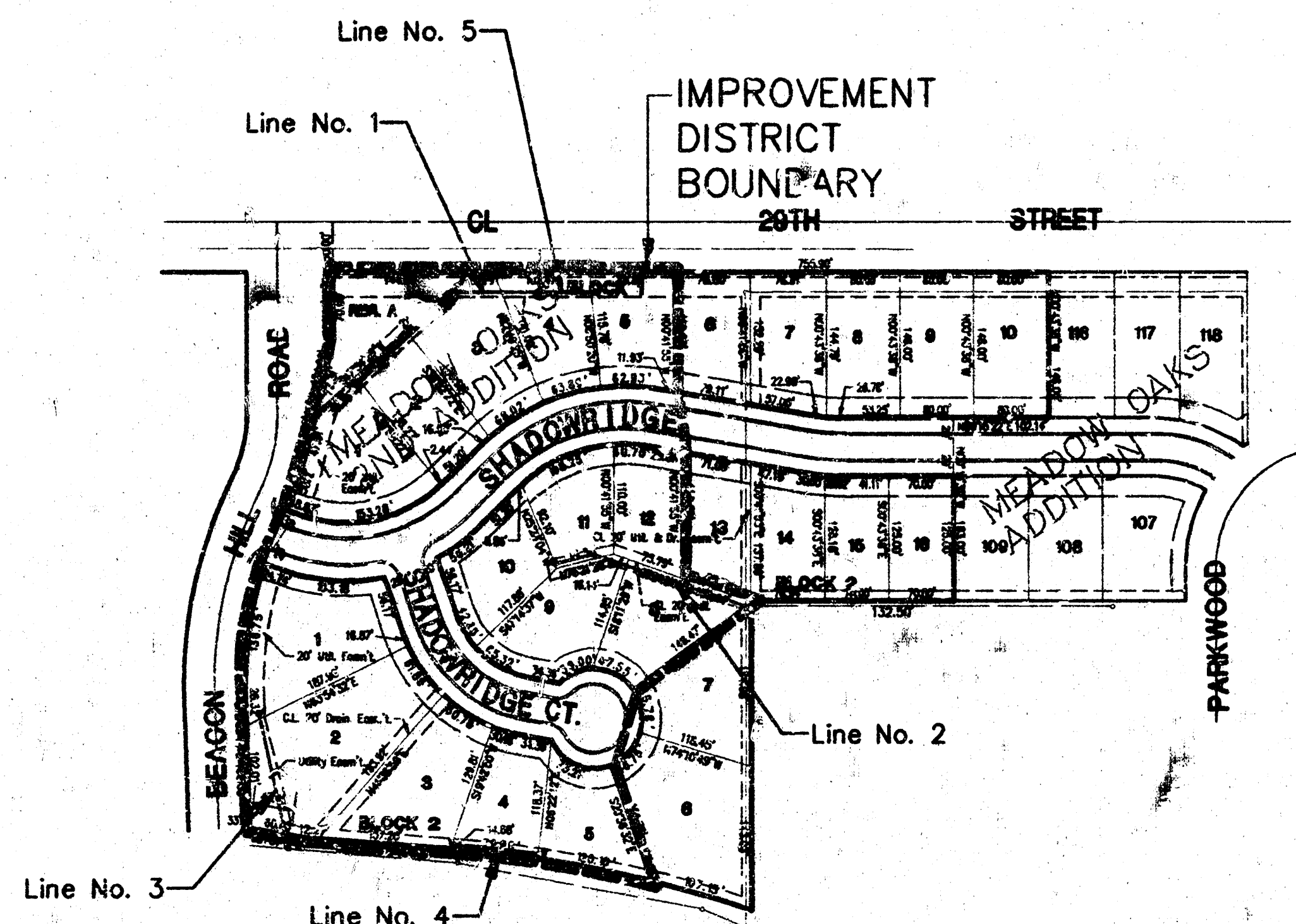
THE CITY OF WICHITA, KANSAS

LATERAL 88, MAIN 5, SANITARY SEWER NUMBER 23

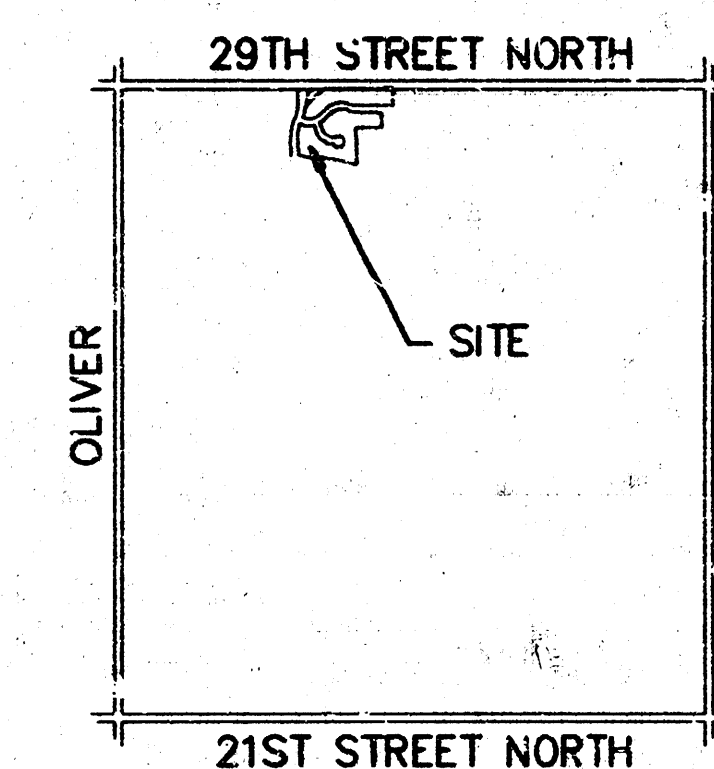
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PROJECT NO. 468-82570
INDEX CODE 742684

GENERAL NOTES:

- Existing utility lines 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.
 - Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be the 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 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.
- The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractor's proposed method for maintaining sewage flow shall be approved by the Engineer. Cost of maintaining flow of sewage through construction will not be paid for directly and this cost shall be considered as subsidiary to the other pay items of the work.
 - The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor or a licensed professional engineer in accordance with state laws.
 - 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 the proposed new construction shall be saved and protected from damage.
 - Contractor shall vacuum test all manholes according to the City of Wichita standard specifications.
 - Provide temporary rye grass seeding on all disturbed areas at 20 lbs./acre. Prepare ground before seeding per city spec.



Scale 1" = 150'



LOCATION MAP
No Scale

INDEX

TITLE SHEET	SHEET 1
LINE NO. 1 & 5	SHEET 2
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BENCH MARKS

(City of Wichita Datum)

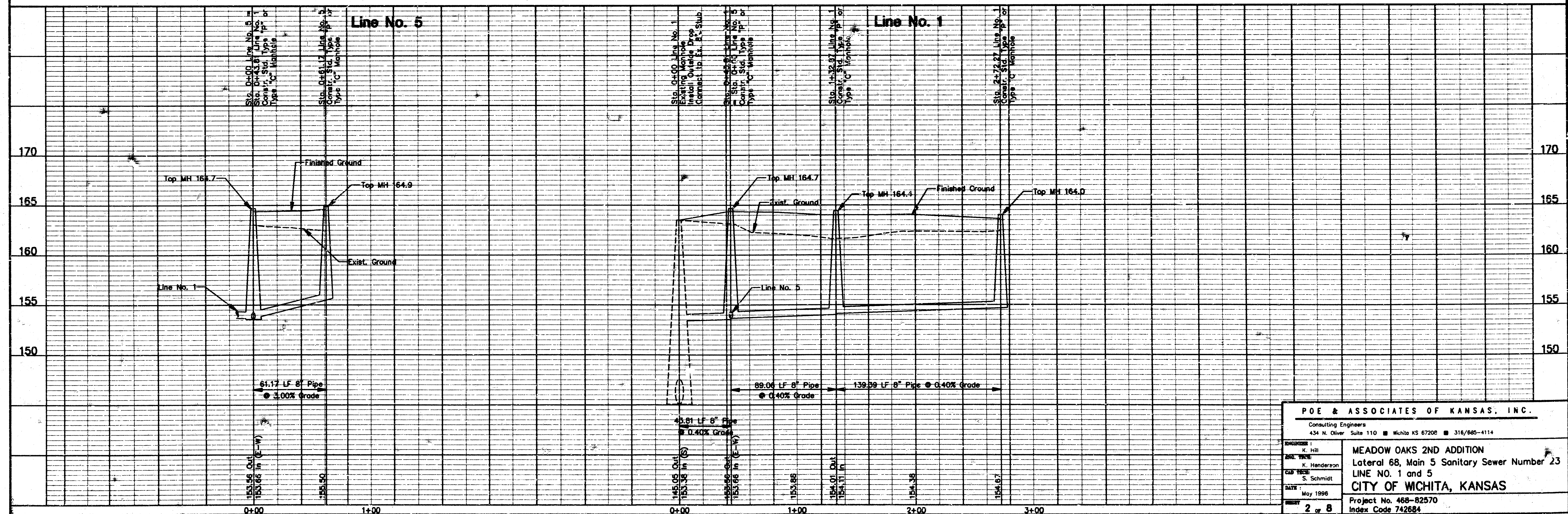
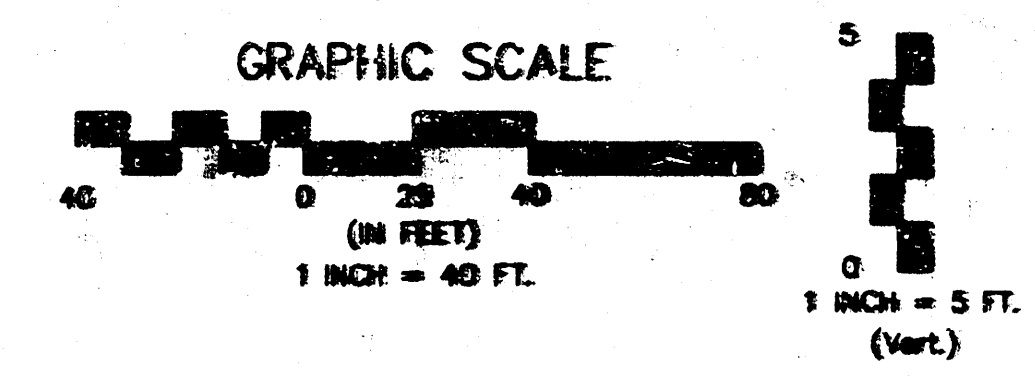
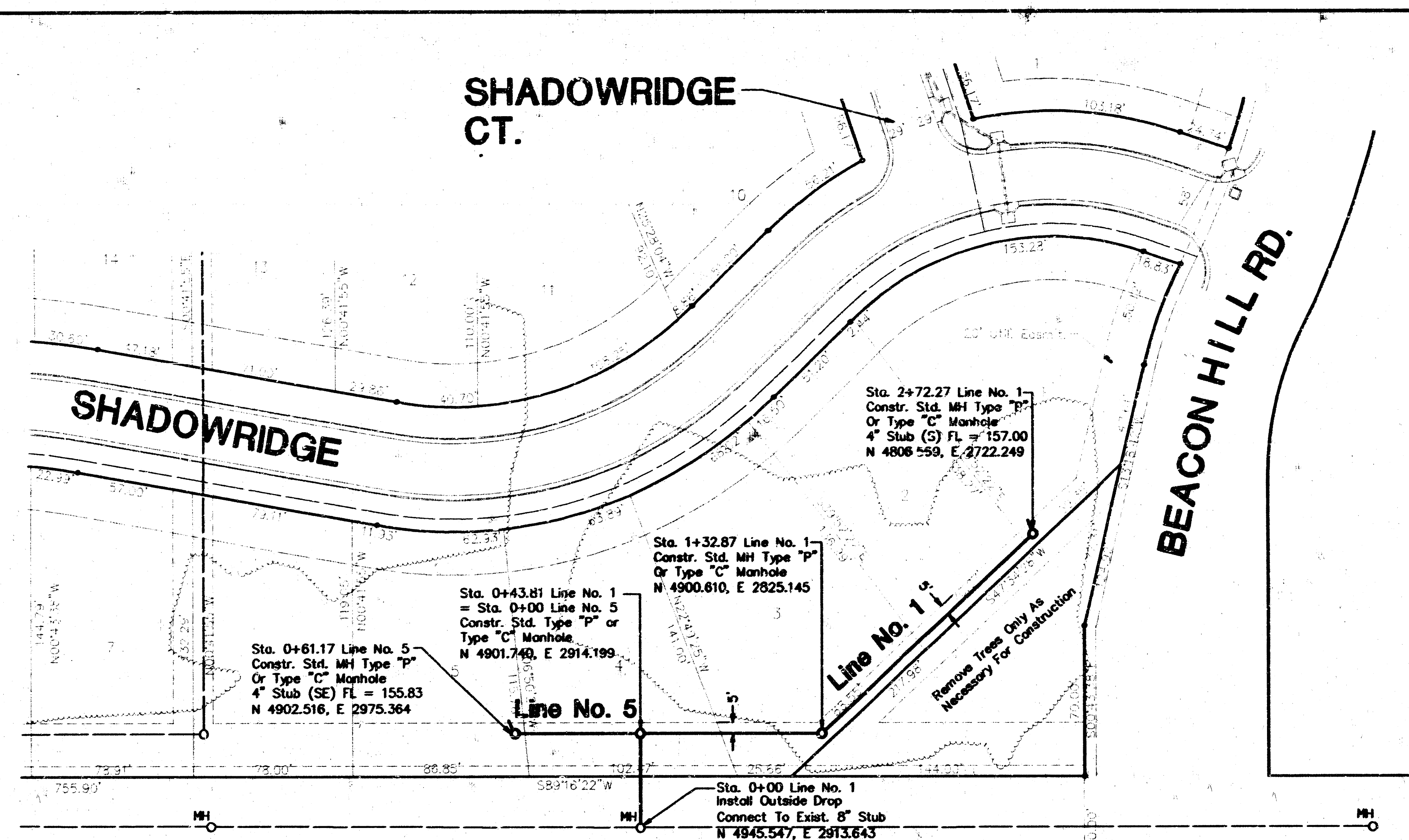
- City of Wichita std. BM disc at 29th & Edgemoor. 5.5' E. & 37' N. of 1/4 Section Corner. Elev. 172.38
- City of Wichita std. BM disc at 29th Street N. & Oliver. 39' N. & 33' E. of Centerline Both. Elev. 159.88
- cut on concrete curb, S. end of SW return @ 28th Street & Meadow Oaks. Elev. 173.09
- cut on Southwest corner curb inlet, West side Beacon Hill Rd. near CL Shadow Ridge. Elev. 161.98

MAY 1996

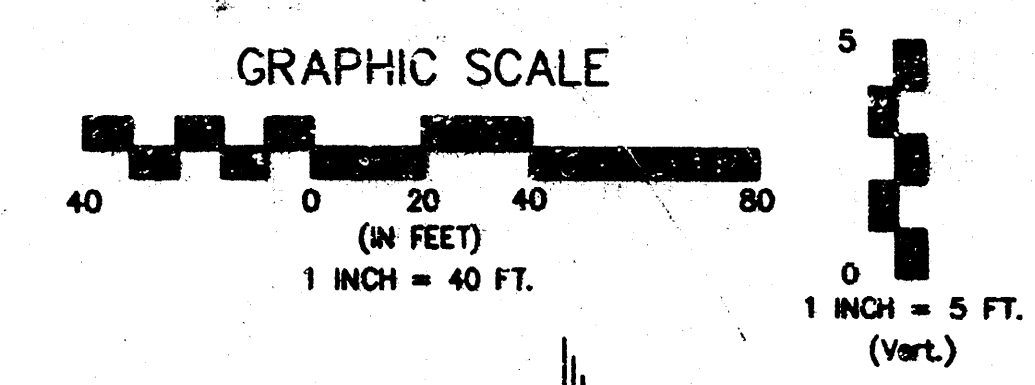
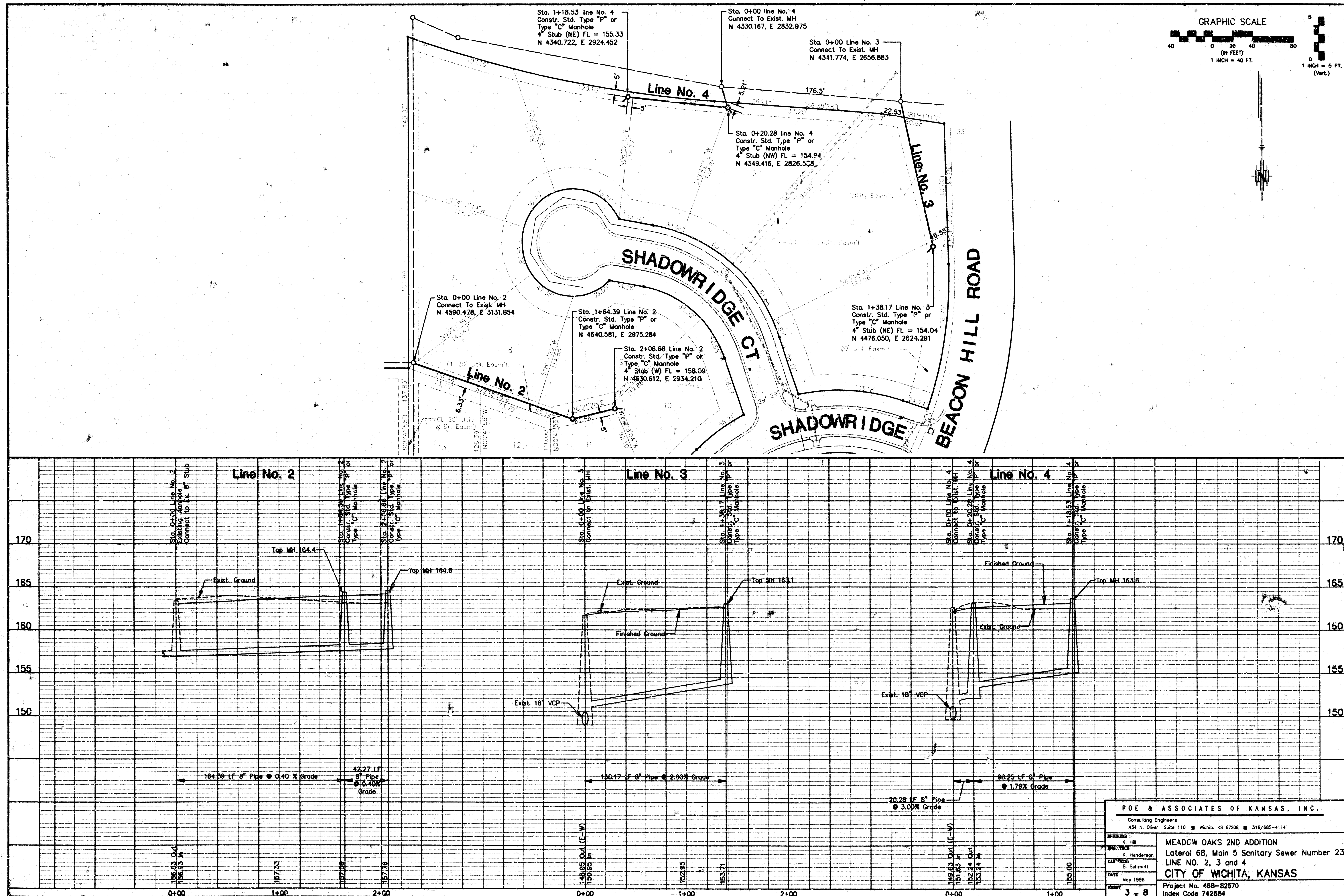
PLANS PREPARED
BY
POE & ASSOCIATES OF KANSAS, INC.
Consulting Engineers
434 N. Oliver Suite 110 Wichita KS 67208 316/685-4114



SHADOWRIDGE CT.



POE & ASSOCIATES OF KANSAS, INC. Consulting Engineers 434 N. Oliver Suite 110 Wichita KS 67208 316/865-4114	
ENGINEER K. Hill DATE May 1996 PROJECT 2 of 8	MEADOW OAKS 2ND ADDITION Lateral 68, Main 5 Sanitary Sewer Number 23 LINE NO. 1 and 5 CITY OF WICHITA, KANSAS Project No. 468-82570 Index Code 742684

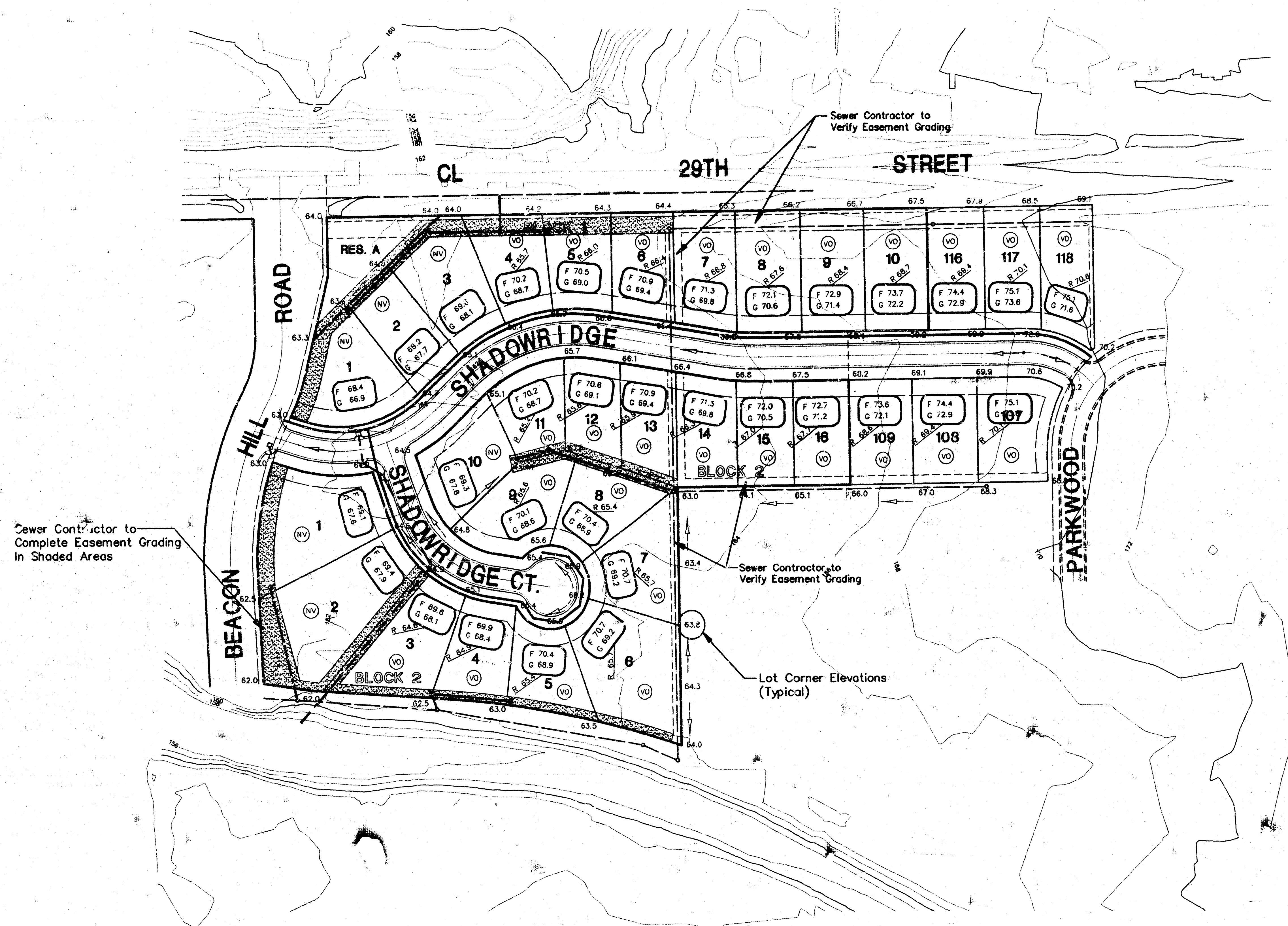


POE & ASSOCIATES OF KANSAS, INC.
Consulting Engineers
434 N. Oliver Suite 110 Wichita KS 67208 316/885-4114

MEADOW OAKS 2ND ADDITION
Lateral 68, Main 5 Sanitary Sewer Number 23
LINE NO. 2, 3 and 4
CITY OF WICHITA, KANSAS
Project No. 468-82570
Index Code 742584

DATE May 1996
SHEET 3 of 8

K:\APPS\DWG\PLANS\BASE May May 8 11:01:28 1996 Kully Henderson - Poe and Associates, Inc.



LEGEND

- G = GARAGE FLOOR ELEVATION
- F = TOP OF FOUNDATION WALL ELEVATION
- R = TOP OF REAR WALL ELEVATION (VIEW OUT)
- (NV) = NO VIEW OUT
- (VO) = VIEW OUT

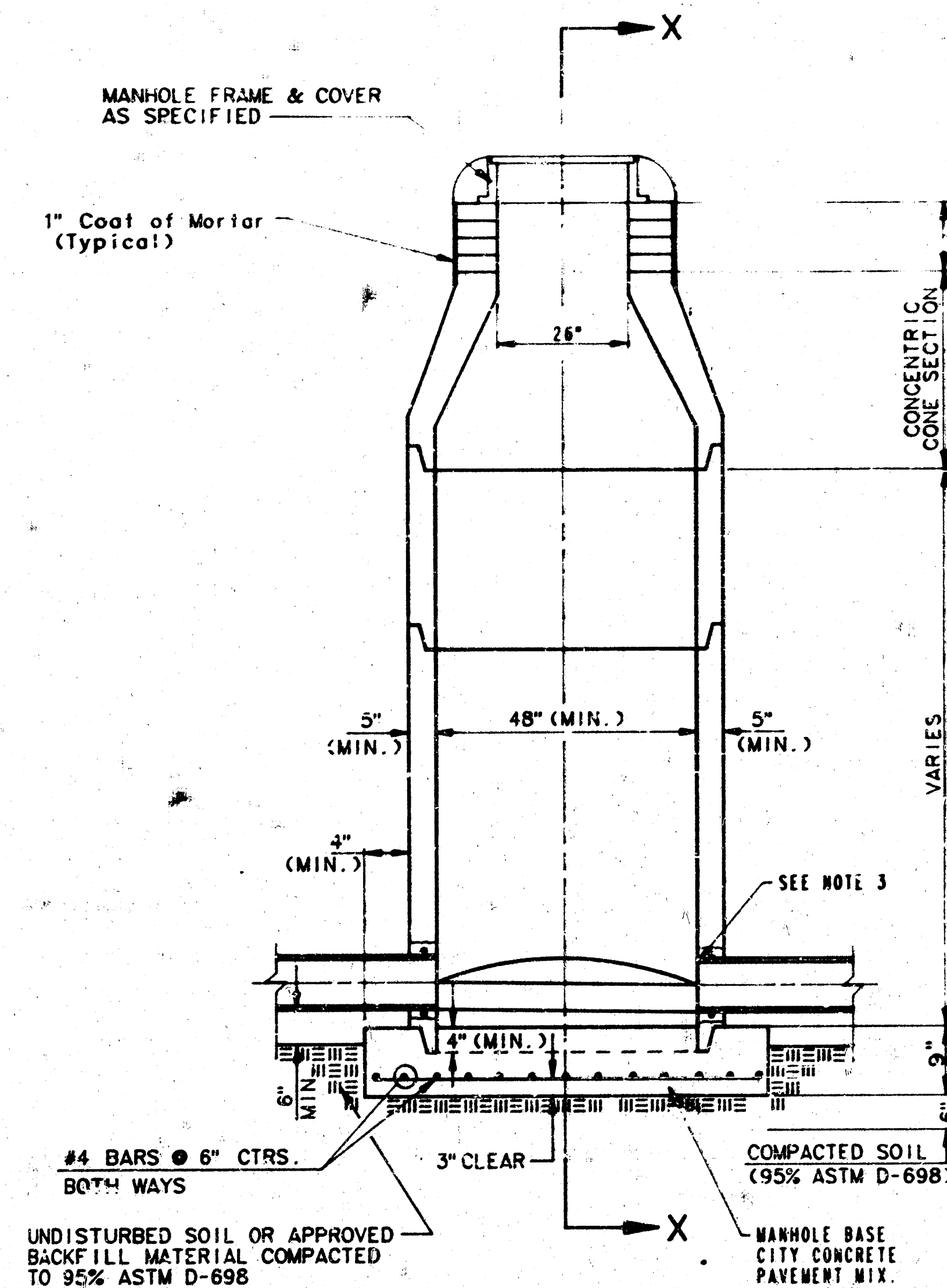
POE & ASSOCIATES OF KANSAS, INC.	
Consulting Engineers	
Suite 110 ■ Wichita KS 67208 ■ 316/585-4114	
ENGINEER	X. Poe
DESIGNER	K. Henderson
CAD DRAFTER	S. Schmidt
DATE	May 1996
SHEET	4 of 8
MEADOW OAKS 2ND ADDITION	
Easement Grading Plan	
CITY OF WICHITA, KANSAS	
Project No. 468-82570	
Index Code 742884	

SEWER APPURTENANCES DETAILS

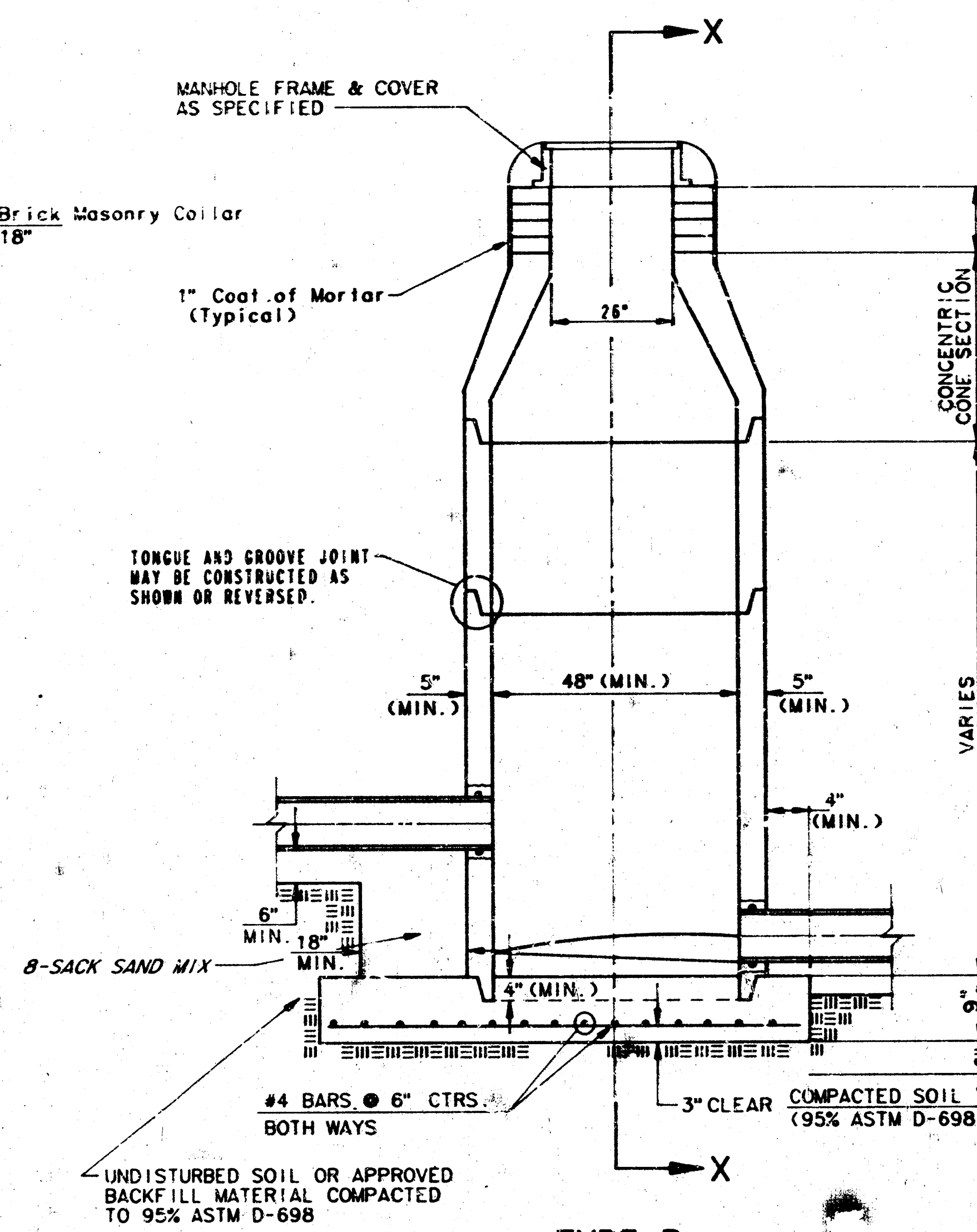
ADOPTED STANDARD DESIGN

BY

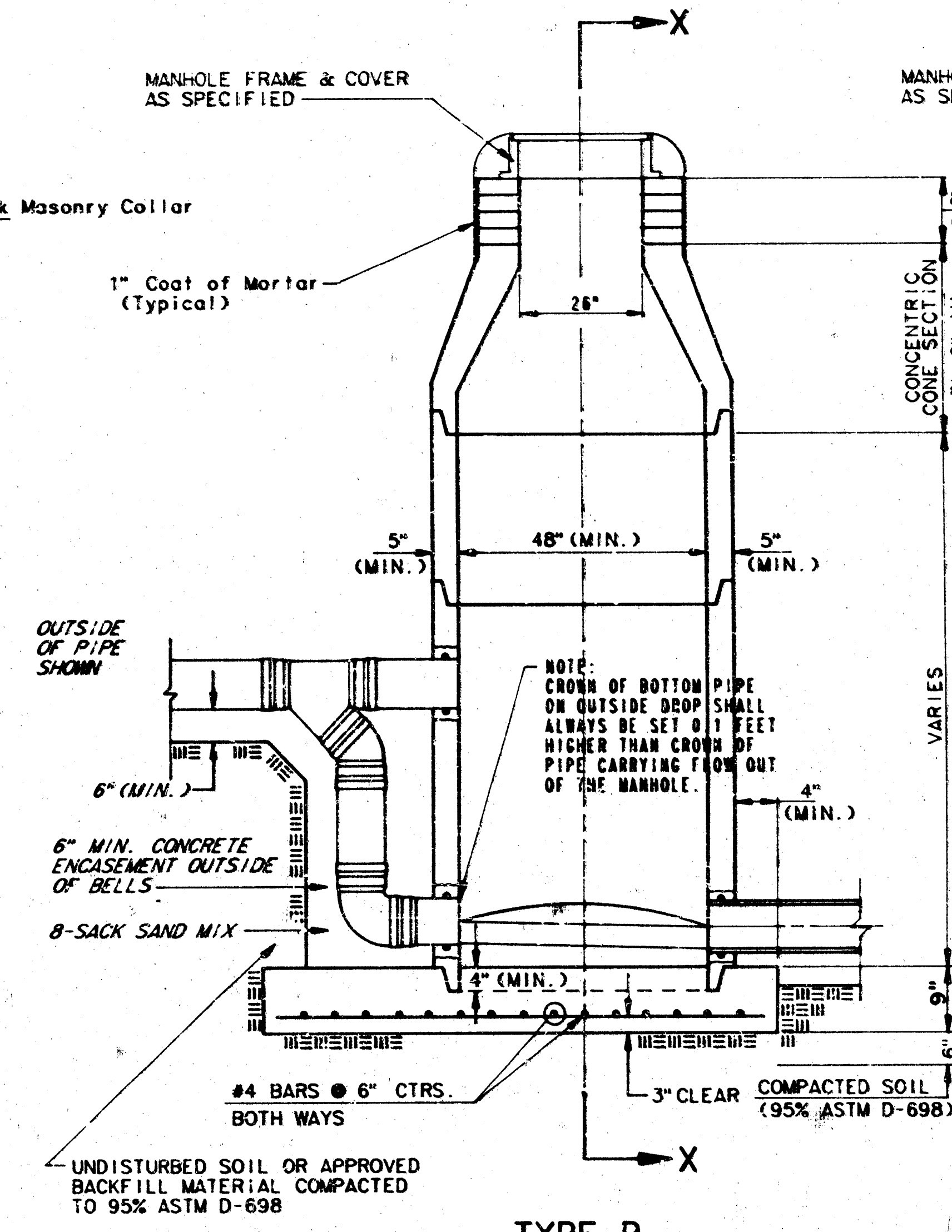
CITY OF WICHITA



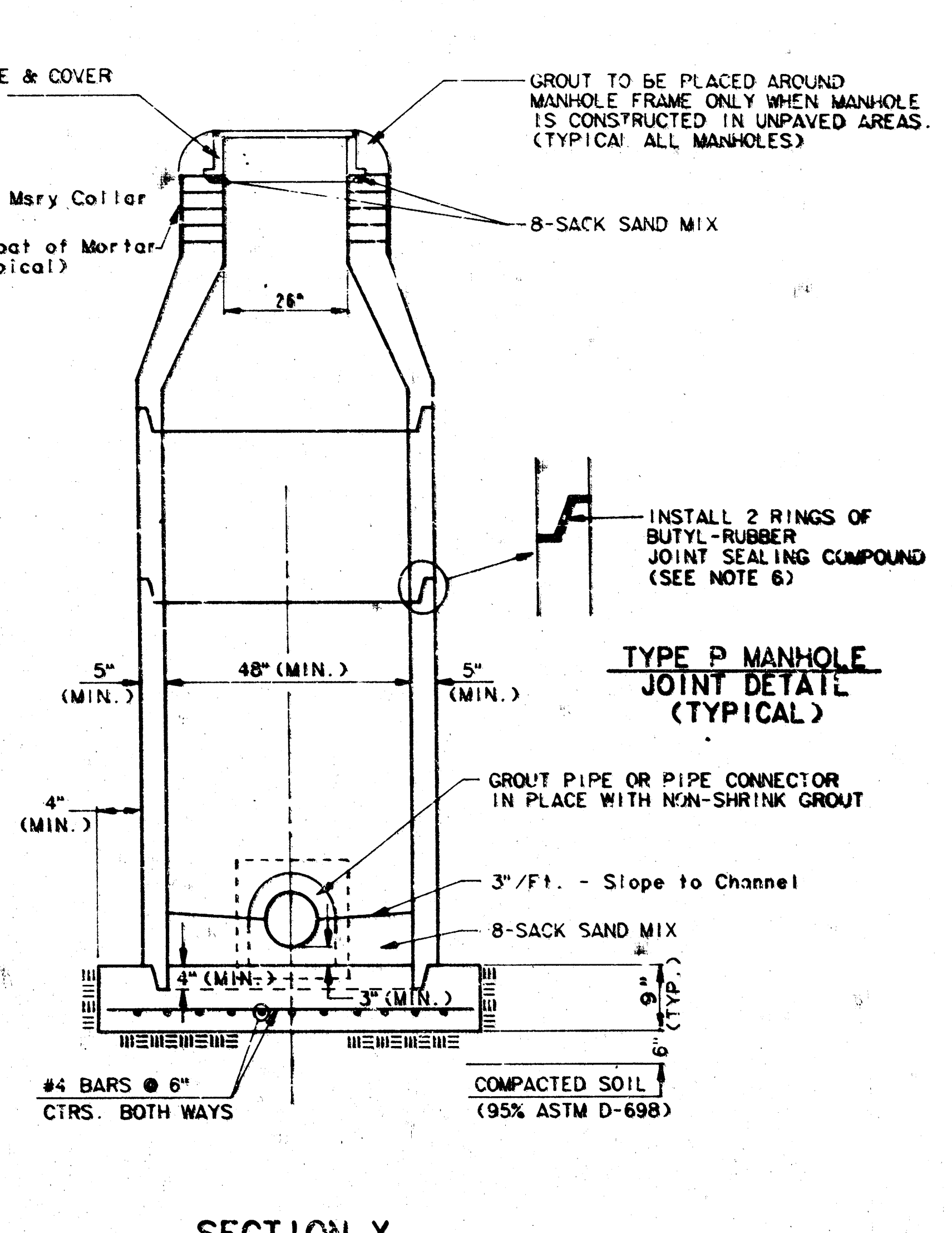
TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE



SECTION X
(TYPICAL)

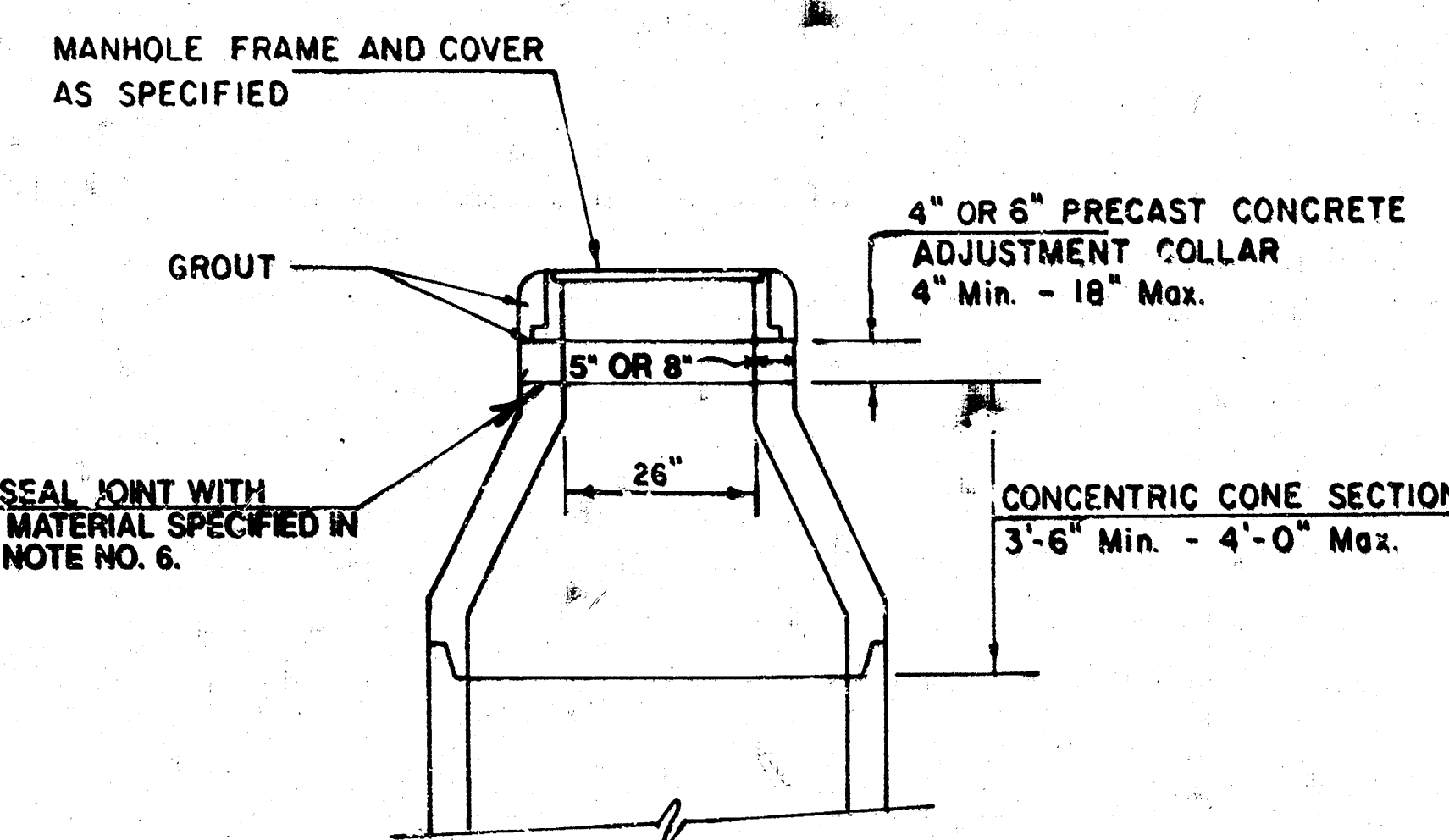
GENERAL NOTES

PRECAST MANHOLE NOTES

1. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISION OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
2. NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
3. APPROVED FLEXIBLE WATERSTOP GASKETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHEN A.B.S. COMPOSITE PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE THE SEWER SHALL BE GROUTED IN PLACE WITH NON-SHRINK GROUT. THE SEWER PIPE SHALL BE SUPPORTED WITH CONCRETE ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
4. ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS THEMEC SERIES 66 HI-BUILD EPOXYLINE, DRY THICKNESS OF 8 MILS (MIN.)
5. EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT MOBILARMA 633 BITUMINUS COATING.
6. JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 OR APPROVED EQUAL.
7. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
8. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
9. LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
10. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS 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 PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. 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.

11. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" 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.
12. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. AND A.B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
13. 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 INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. 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 REMOVED TO NEAT 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.
14. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED 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 CRADLING WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.

15. 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 DRAWING.
16. THE VERTICAL FREE FALL DROP INSIDE MANHOLES SHALL NOT EXCEED 2'. THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
17. STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
18. A BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 6" WALLS AND A VERTICAL HEIGHT OF 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR.



ALTERNATE CONSTRUCTION
IN UNPAVED AREAS

PROJ. NO. 463-32570
SHEET NO. 5 OF 8

REVISED NOV. 1993
NOTE NO. 16 REVISED JAN. 1991
Revised 3-21-89
Revised 8-10-88
Revised June 12, 1993

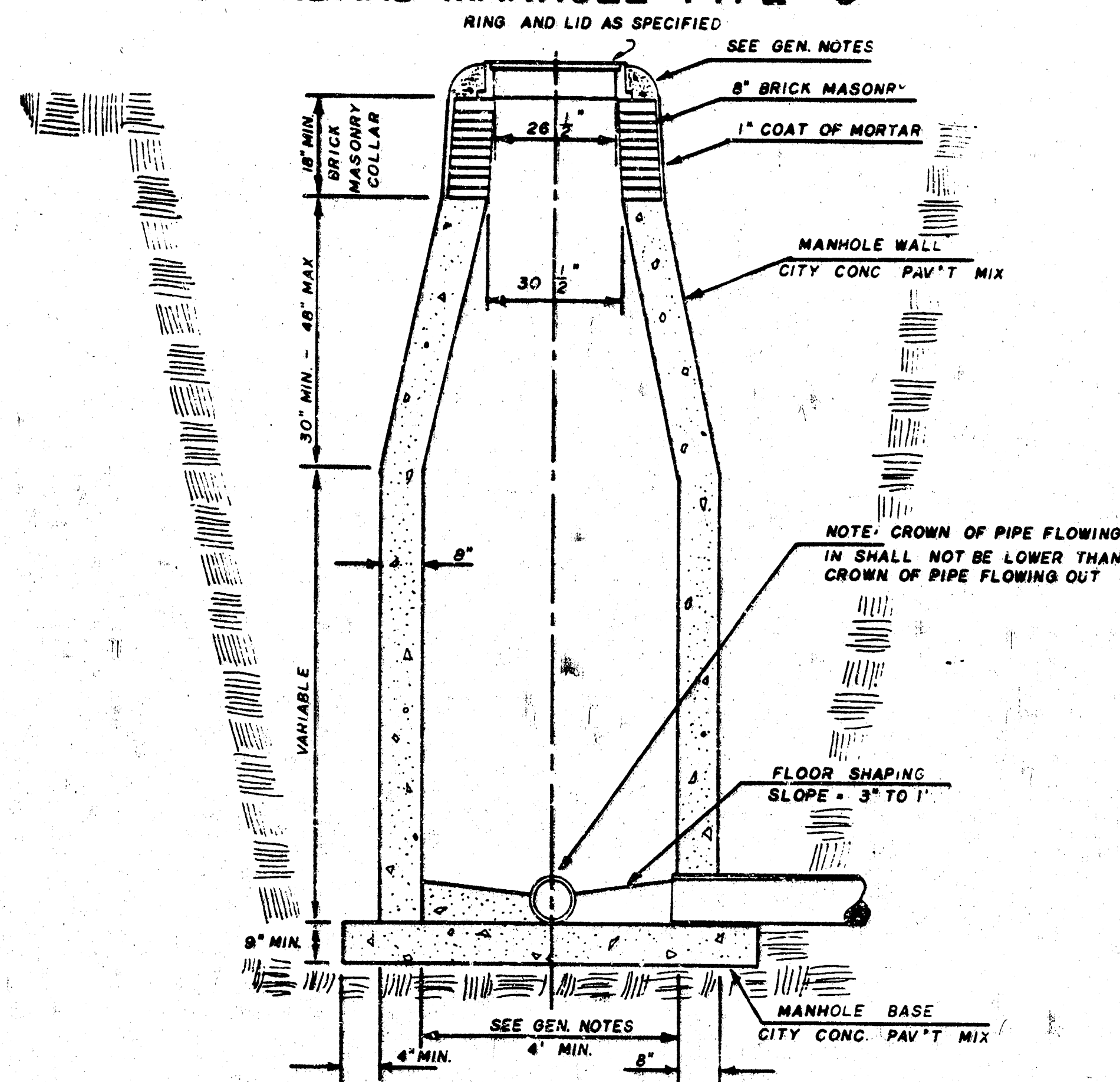
SEWER APPURTENANCES DETAILS

ADOPTED AS STANDARD DESIGN

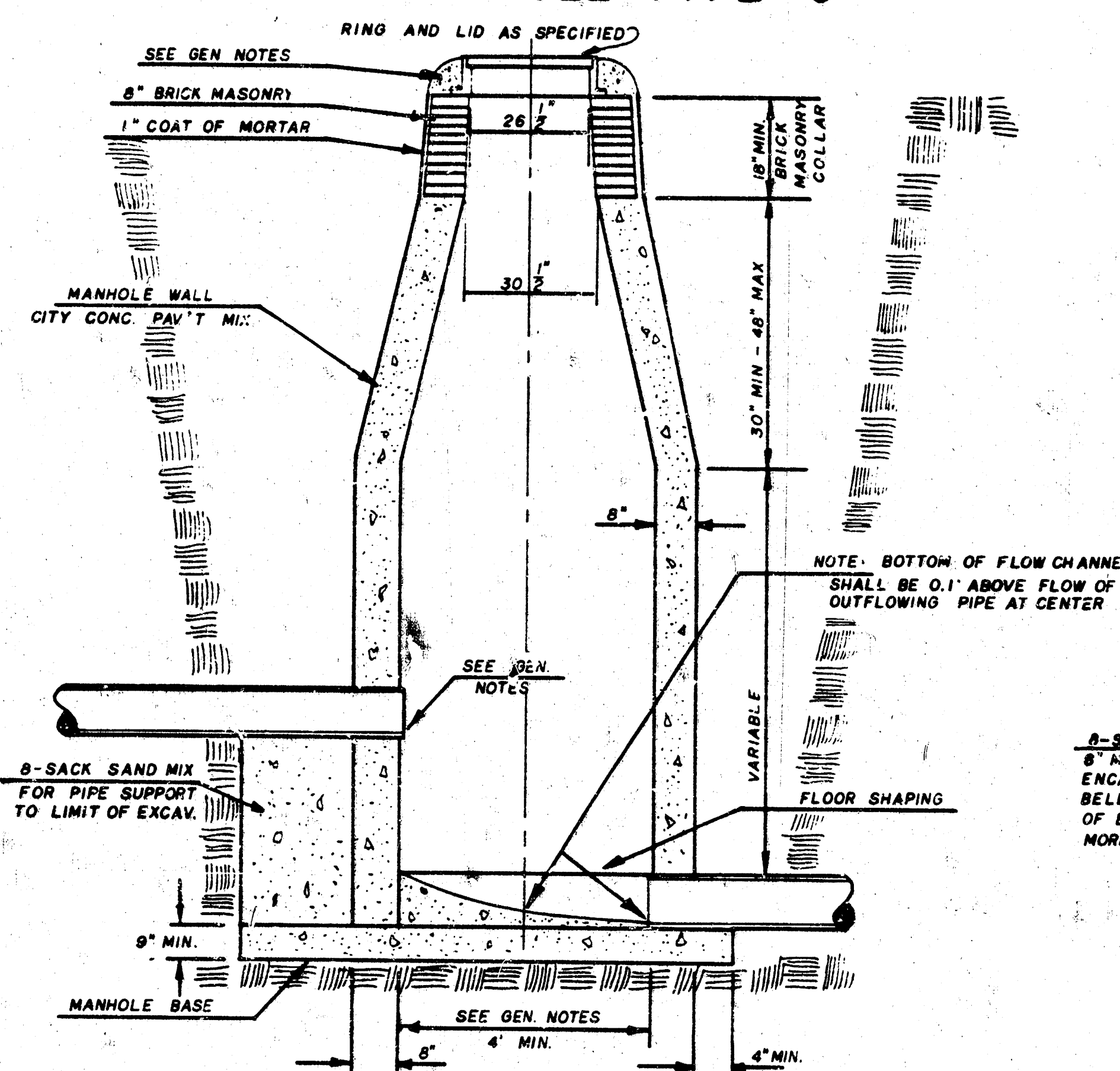
BY

City of Wichita, Kansas

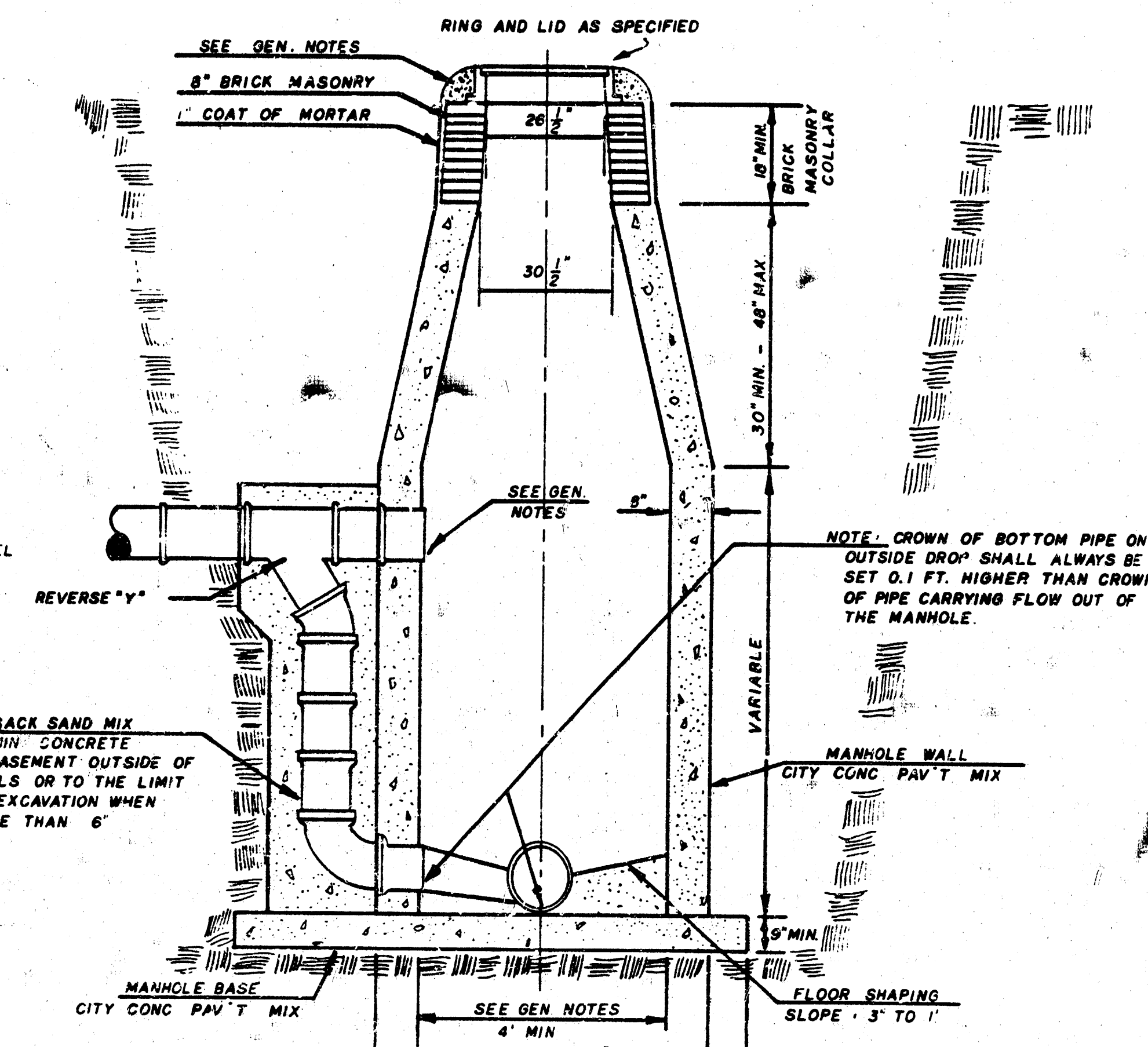
STANDARD MANHOLE TYPE "C"



INSIDE DROP MANHOLE TYPE "C"



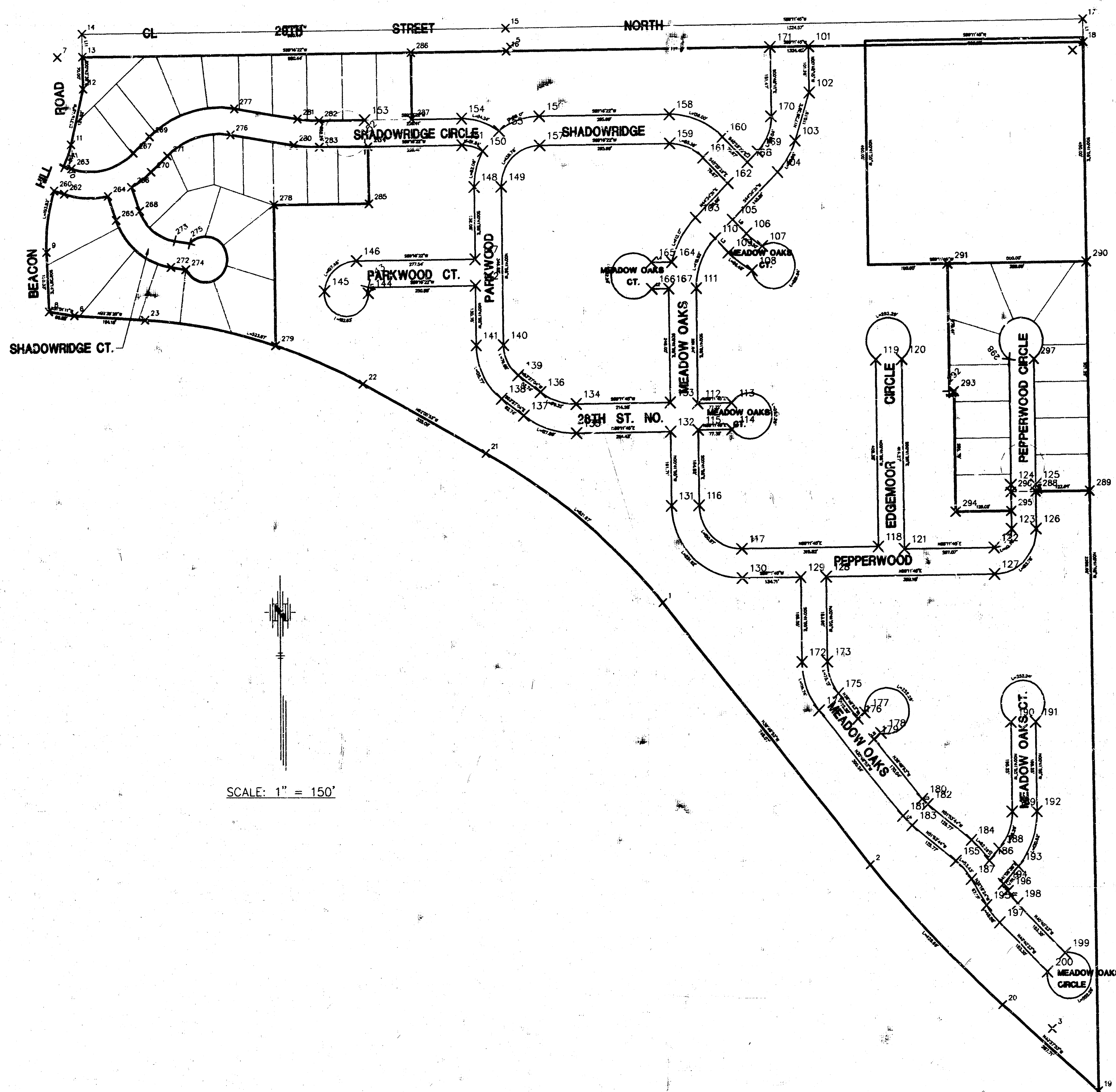
OUTSIDE DROP MANHOLE TYPE "C"



GENERAL NOTES

- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE WALLS AND BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. TYPE "C" MANHOLES CAN BE CONSTRUCTED ONLY WHERE PIPE SIZES ARE 8" OR SMALLER. THE INSIDE DIAMETER OF TYPE "C" MANHOLES SHALL BE 4". COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
- REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASE. REINFORCING STEEL SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. REINFORCING STEEL SHALL BE PLACED 6" ABOVE THE BOTTOM OF THE MANHOLE BASE. COST OF FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
- AN OPENING SHALL BE CUT IN THE MANHOLE WALL FOR THE UPPER INLET PIPE FOR INSIDE AND OUTSIDE DROP MANHOLES. THE UPPER INLET PIPE SHALL BE GROUDED INTO THIS OPENING WITH NON-SKIN GROUT. THE EXTERIOR OF THIS COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT.
- 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 BY THE DRAWINGS. EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO NEAT 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 CRADLED 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 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 VERTICAL FREE FALL DROP INSIDE MANHOLES SHALL NOT EXCEED 2'. THE CROWNS OF INFLUING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
- STANDARD MANHOLES TYPE "C" AND STANDARD INSIDE DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4" UNLESS INDICATED OTHERWISE.

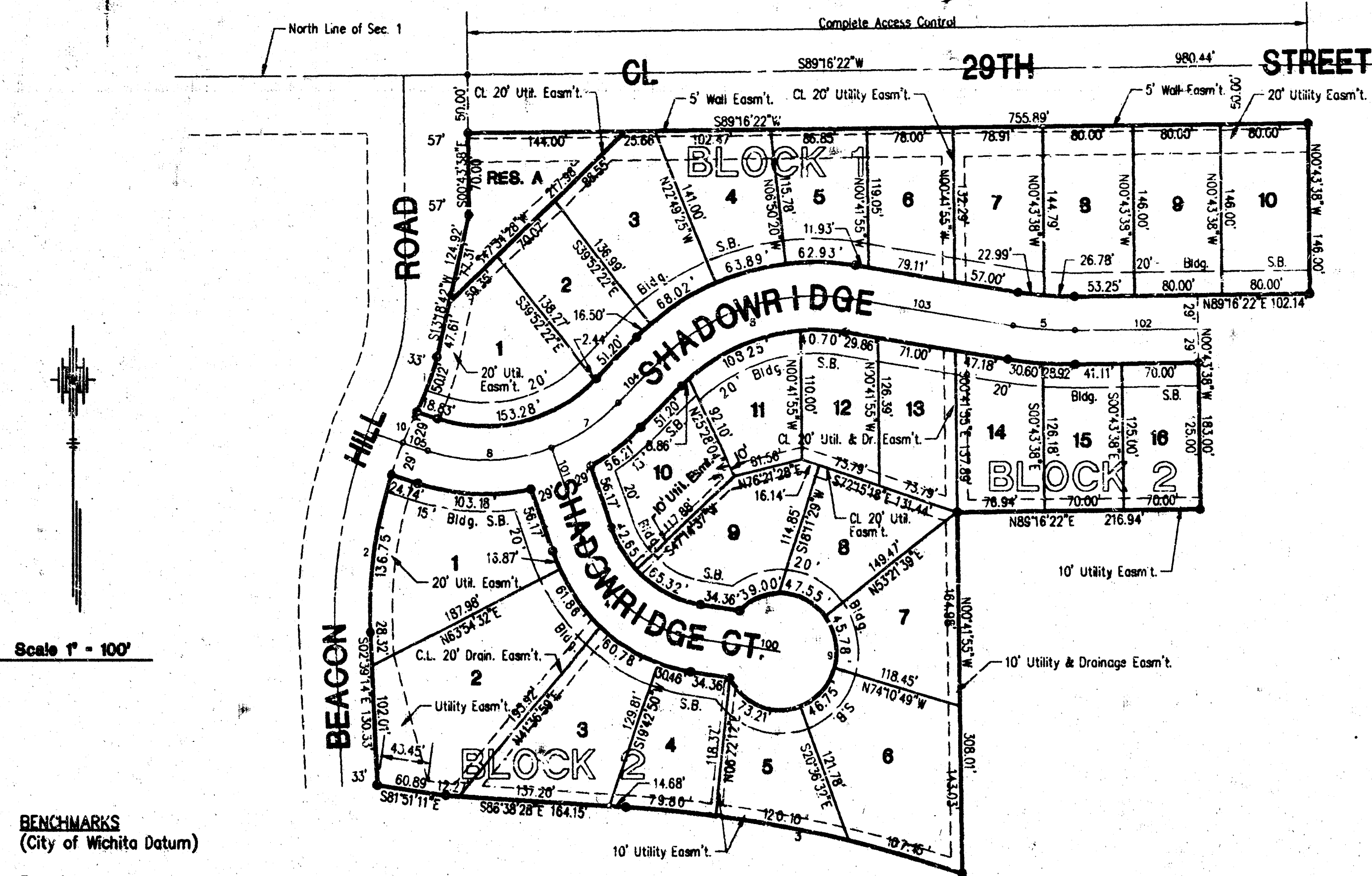
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COORDINATE SCHEDULE		
POINT #	NORTHING	EASTING
1	3724.913	4030.031
2	3152.749	4507.271
3	2796.568	4923.575
4	4931.876	4977.043
5	4940.574	3686.269
6	4353.253	2675.563
7	4918.067	2636.733
8	4361.896	2615.355
9	4492.087	2609.320
10	4679.308	2650.173
11	4727.412	2667.960
12	4848.976	2696.722
13	4918.970	2695.834
14	4968.966	2655.199
15	4981.410	3675.560
16	4931.414	3676.195
17	5000.000	5000.000
18	4950.004	5000.616
19	2651.514	5028.515
20	2847.864	4809.310
21	4051.520	3627.212
22	4203.635	3339.940
23	4343.651	2639.486
24	4941.134	4318.672
25	4839.885	4370.093
26	4734.864	4336.756
27	4666.186	4235.338
28	4562.319	4193.000
29	4531.631	4224.146
30	4504.210	4260.057
31	4450.848	4236.627
32	4490.316	4183.439
33	4521.000	4152.297
34	4412.380	4109.096
35	4160.457	4112.170
36	4161.540	4189.379
37	4103.546	4190.193
38	4102.461	4112.878
39	3937.650	4114.887
40	3842.430	4212.227
41	3847.262	4528.020
42	4255.608	4523.041
43	4256.315	4581.036
44	3842.077	4586.088
45	3844.983	4793.141
46	3885.467	4832.577
47	3981.777	4831.402
48	3982.484	4839.398
49	3886.174	4890.572
50	3786.989	4793.955
51	3781.541	4405.812
52	3780.727	4347.818
53	3778.836	4213.126
54	3936.869	4050.892
55	4098.563	4048.920
56	4162.558	4048.140
57	4159.547	3833.608
58	4095.553	3834.507
59	4185.458	3752.850
60	4133.933	3714.888
61	4171.151	3664.375
62	4222.676	3702.337
63	4288.485	3668.576
64	4287.705	3604.581
65	4418.443	3602.987
66	4415.258	3352.022
67	4402.259	3352.187
68	4406.534	3252.432
69	4472.916	3324.759
70	4476.439	3502.280
71	4534.504	3500.352
72	4635.284	3664.348
73	4712.964	3620.894
74	4726.067	3571.388
75	4723.193	3344.997
76	4781.189	3344.261
77	4784.062	3570.652
78	4757.152	3659.430
79	4789.357	3751.399
80	4725.362	3752.211
81	4793.110	4047.069

COORDINATE SCHEDULE		
POINT #	NORTHING	EASTING
159	4729.115	4047.882
160	4743.644	4169.970
161	4698.055	4125.052
162	4642.141	4181.801
163	4566.878	4107.646
164	4469.646	4052.261
165	4468.961	4005.078
166	4410.990	4005.892
167	4411.540	4045.104
168	4687.730	4226.719
169	4711.104	4249.749
170	4788.419	4280.807
171	4939.870	4278.681
172	3595.190	4350.080
173	3595.897	4408.076
174	3489.630	4389.055
175	3526.780	4433.595
176	3471.339	4479.839
177	3484.661	4443.811
178	3440.121	4532.962
179	3426.798	4516.990
180	3296.220	4625.905
181	3259.069	4581.365
182	3284.365	4638.173
183	3238.726	4602.331
184	3206.755	4737.086
185	3161.116	4701.295
186	3161.799	4779.839
187	3121.659	4736.927
188	3187.507	4802.274
189	3268.542	4832.099
190	3463.781	4829.718
191	3464.489	4887.714
192	3269.249	4890.094
193	3149.372	4845.974
194	3110.846	4812.354
195	3064.857	4772.799
196	3095.826	4821.839
197	3026.943	4803.472
198	3058.434	4844.000
199	2961.281	4953.701
200	2919.790	4913.173
201	4626.778	2628.013
202	4680.460	2650.755
203	4619.487	2651.653
204	4674.911	2668.747
205	4614.766	2753.628
206	4561.990	2772.849
207	4634.614	2808.126
208	4709.354	2813.144
209	4581.838	2827.347
210	4744.905	2849.995
211	4667.613	2853.414
212	4703.164	2890.265
213	4459.246	2898.100
214	4516.573	2906.909
215	4454.027	2932.065
216	4511.354	2940.874
217	4749.037	3035.466
218	4806.338	3044.446
219	4595.545	3136.788
220	4287.562	3140.444
221	4726.118	3181.718
222	4783.419	3190.698
223	4779.873	3240.282
224	4721.878	3241.018
225	4773.288	3352.122
226	4598.298	3353.708
227	4928.568	3451.664
228	4782.580	3453.517
229	3967.287	4889.583
230	3968.787	5012.574
231	4470.039	5006.462
232	4465.548	4686.493
233	4186.159	4689.900
234	4186.281	4699.899
235	3923.510	4703.103
236	3925.083	4832.094
237	3966.580	4831.588
238	4256.773	4886.054
239	4256.066	4828.058

POE & ASSOCIATES OF KANSAS, INC.	
Consulting Engineers 434 N. Oliver, Suite 110 ■ Wichita KS 67208 ■ 316/685-4114	
ENGINEER: K. Hill	MEADOW OAKS 2ND ADDITION COORDINATE POINTS LIST CITY OF ANDOVER, KANSAS PROJECT NO. 488-82570 INDEX CODE 742884
ENG. TECH.: K. K. Henderson	
CAD TECH.: K. Henderson	
DATE: May 1996	
SHEET: 7 of 8	



BENCHMARKS
(City of Wichita Datum)

BW #1
City of Wichita Benchmark Disc, 5.5' E.
and 37' N. of N 1/4 Corner Sec. 1-27-1E
Elev. 172.35

BW #2
NW Corner Concrete Cutter on Beacon Hill
Road Median at 29th Street North
Elev. 162.99

LINE	DIRECTION	DISTANCE
100	N89°15'51\"	75.09
101	N20°03'41\"	83.10
102	S89°15'22\"	111.11
103	S81°05'31\"	148.04
104	S46°01'40\"	51.20
105	S72°51'52\"	22.83

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
1	211.00	55.41	25.83	51.29	S20°17'52\"	23°57'40\"
2	371.00	165.81	84.31	164.44	S10°06'20\"	22°36'09\"
3	1222.50	307.05	154.34	306.24	N79°28'45\"	14°23'27\"
4	130.00	134.98	76.96	132.45	S50°36'10\"	81°15'10\"
5	325.00	54.65	27.39	54.28	S80°54'17\"	96°30'01\"
6	200.00	184.58	99.45	178.10	S77°28'02\"	52°52'43\"
7	175.00	73.18	37.13	72.65	N58°00'29\"	23°57'39\"
8	175.00	113.47	58.81	111.50	N48°13'52\"	37°09'07\"
9	50.00	252.29	35.60	58.00	N08°14'09\"	289°05'58\"
10	371.00	28.01	14.01	28.00	S25°06'38\"	64°19'28\"

SECTION	MIN. ROAD ELEV.	MIN. LOT OPENING ELEV.
BLOCK 1		
Lots 1-7	164.0	158.4
Lots 8-10	158.4	158.4
BLOCK 2		
Lots 1-8	164.0	158.4
Lots 9-10	164.0	158.4
Lots 11-12	164.0	158.4
Lots 13-16	164.0	158.4

* No building permits are to be issued for Lots 1 through 7, Block 1 or Lots 1 through 6 and Lots 10 through 12, Block 2, unless the lowest floor can be constructed above 164.0 City Datum (1551.4 M.S.L.) or unless the City of Wichita has received a letter of map revision from FEMA which will allow buildings to be constructed at the lowest opening listed in the accompanying table.

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

I, Kenny E. Hill, being a duly licensed Land Surveyor in said County and State, do hereby certify that I have been in responsible charge of surveying and plotting "MEADOW OAKS 2ND ADDITION" to Wichita, Kansas, being a replat of Lot 1, Block 4 and Lots 110, 111, 112, 113, 114 and 115, Block 2 in Meadow Oaks Addition to Wichita, Kansas being more particularly described as follows:

Commencing at the Northeast Corner of the Northwest Quarter of Section 1, Township 27 South, Range 1 East of the 6th P.M. Sedgwick County, Kansas, thence S89°16'22\"

The accompanying plat is a true and correct exhibit of property surveyed.

Dated this 25th day of January, 1996.

Kenny E. Hill
Kenny E. Hill, L.S. 984

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned, have caused the land described in the Surveyor's Certificate to be platted into lots, blocks, streets and a reserve. The streets are hereby dedicated to and for the use of the public. Easements are hereby granted as indicated for the construction and maintenance of drainage, utilities and a wall. Reserve A shall permit entry monuments, lighting, landscaping, fences, walls, utilities confined to easements and irrigation systems. Utilities may cross the wall easement. The reserve is to be owned and maintained by a property owners association its successors and assigns. The minimum lot opening elevation for the homes built in this addition shall be 164.0 (City of Wichita Datum). Additional minimum building elevations are listed in the Required Minimum Building Elevation Table on the face of the plat. All abutters' rights of access to or from 29th Street North over and across the North line of Lots 3 through 10, Block 1 and Reserve A are hereby granted to the City of Wichita.

3AH-Inc.

Mathias Eck
Mathias Eck, President

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

This instrument was acknowledged before me on this 29th day of January, 1996, by Mathias Eck, President of 3AH-Inc.

My Appointment Expires:

Carol R. Barnes
Carol R. Barnes
Notary Public
My Appl. Expires 4-1-98

KNOW ALL MEN BY THESE PRESENTS:

That the State Bank of Culwich, holders of a mortgage on the property described in the Surveyor's Certificate, do hereby consent to the plat of Meadow Oaks 2nd Addition.

Frank A. Suellentrop
Frank A. Suellentrop, President

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

This instrument was acknowledged before me on this 26th day of January, 1996, by Frank A. Suellentrop, President of State Bank of Culwich.

My Appointment Expires: 8-24-98

KNOW ALL MEN BY THESE PRESENTS:

That Critchfield Real Estate Limited Partnership 1985, a Kansas Limited Partnership, holders of a mortgage on the property described in the Surveyor's Certificate, do hereby consent to the plat of Meadow Oaks 2nd Addition.

Edward C. Hill
Edward C. Hill, Agent

STATE OF KANSAS, COUNTY OF SEDGWICK: ss.

This instrument was acknowledged before me on this 25th day of January, 1996, by Edward C. Hill, Agent for Critchfield Real Estate Limited Partnership 1985, a Kansas Limited Partnership.

Nancy N. Pruitt
Nancy N. Pruitt
Notary Public
My Appl. Expires 11-97

Nancy N. Pruitt
Nancy N. Pruitt
Notary Public

My Appointment Expires: June 11, 1997

This plat of MEADOW OAKS 2ND ADDITION to Wichita, Kansas has been submitted to and approved by this WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION, Wichita, Kansas.

Dated this 17th day of August, 1995

WICHITA SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION



Stacy Osborne
Stacy Osborne - Howes, Chairman

Marvin S. Kroul
Marvin S. Kroul, Secretary

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 13th day of February, 1996.

Bob Knight
Bob Knight, Mayor

Pat Burnett
Pat Burnett, Deputy City Clerk

Entered on transfer record this 25th day of APRIL, 1996.

Patricia A. Foster
Patricia A. Foster, Deputy County Clerk
For Susan E. Crankin-Spoon, County Clerk, By Patricia A. Foster, Deputy County Clerk

This is to certify that this instrument was filed for record in the Register of Deeds Office at 12:39 A.M.-P.M. on the 28th day of April, 1996.

Pat Kettler
Pat Kettler, Register of Deeds

Phyllis Kennedy
Phyllis Kennedy, Deputy
Phyllis Kennedy

#1522256

