

SANITARY SEWER PLANS WILLOWBEND FIFTH ADDITION

**PRIVATE
PROJECT NO.**


468-76-245-80001-000-000-127

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER


AUGUST, 1987

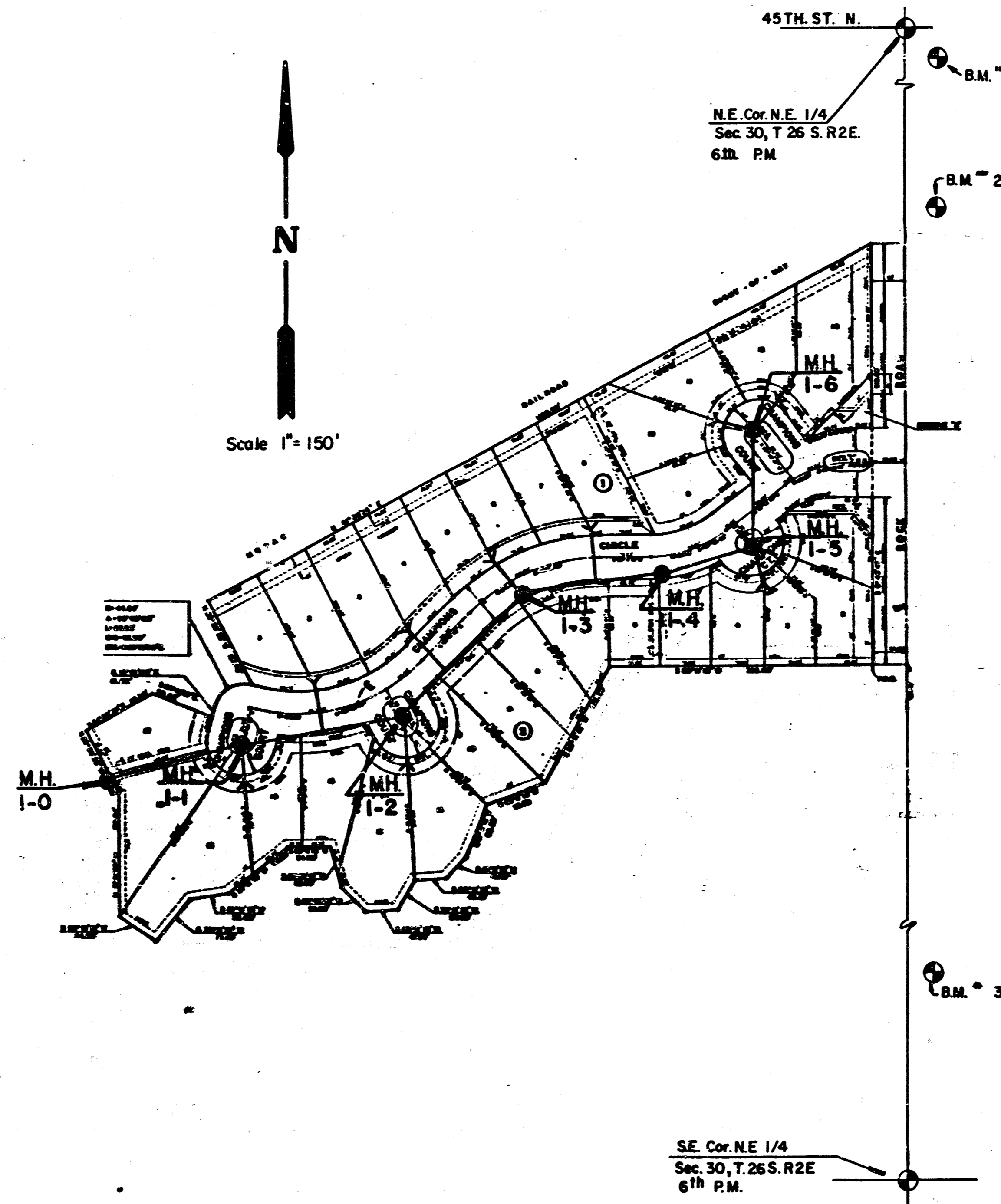
GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL 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.
2. TREES TO BE REMOVED ARE MARKED  ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.
3. A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUND AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUNDS SHALL BE CONSTRUCTED WITH A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.
4. EXISTING UTILITIES AND THEIR LOCATIONS, 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 PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
5. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.
6. COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.
7. PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING MANHOLES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GAUGE AND ALIGNMENT OF EXISTING STUBS AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLAN. WHERE CONNECTING TO AN EXISTING MANHOLE THAT DOES NOT HAVE AN EXISTING STUB OR THE STUB IS UNUSABLE DUE TO ELEVATION GRADE OR ALIGNMENT, THE CONTRACTOR SHALL RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST OF RESHAPING EXISTING MANHOLE INVERTS IS INCIDENTAL TO THE PROJECT.
8. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES PRIOR TO ANY EXCAVATION:

ARKLA GAS COMPANY	942-8350
BELL TELEPHONE	1-316-571-2115
CABLEVISION	262-0661
GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	1-800-344-7233
KANSAS ONE-CALL	524-0491
CITIES SERVICE	316-254-7243
KANSAS GAS SUPPLY	316-681-2081
CONTINENTAL PIPELINE COMPANY	

BENCH MARKS

- B.M. 1 R.R. Spike in W. face Power Pole at S.E. Corner 45th St. N. & Rock Rd. Elev. 197.93
- B.M. 2 Top of Bolt in Corner Fence Post at S.E. Corner R.R. Rd. and Rock Rd. Elev. 196.16
- B.M. #3  cut on NE corner of Big RCB under Rock Road + 90' N of E Quarter corner section 30, Township 26 South, Range 2 East. Elev. = 186.99

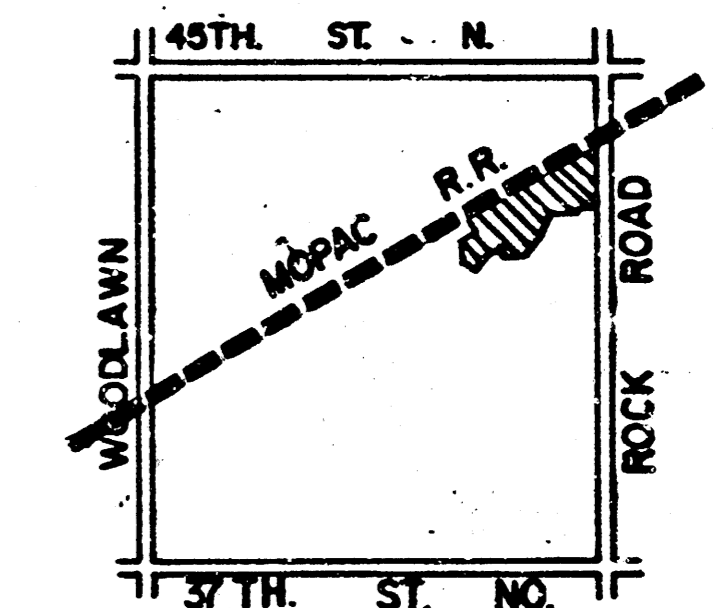


AS NOTED
BY CITY ENGINEER OF WICHITA
City of Wichita
Storm Sewers
Driveway Approaches
Water Mains
Paving

NOTE TO CONTRACTOR
This contract is for construction of sanitary sewer lines only. It does not include the cost of any other work. The contractor shall be responsible for obtaining all necessary permits and for obtaining and holding per contract.

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SERVICE LINE HOOK-UP DETAILS
3	LINE 1

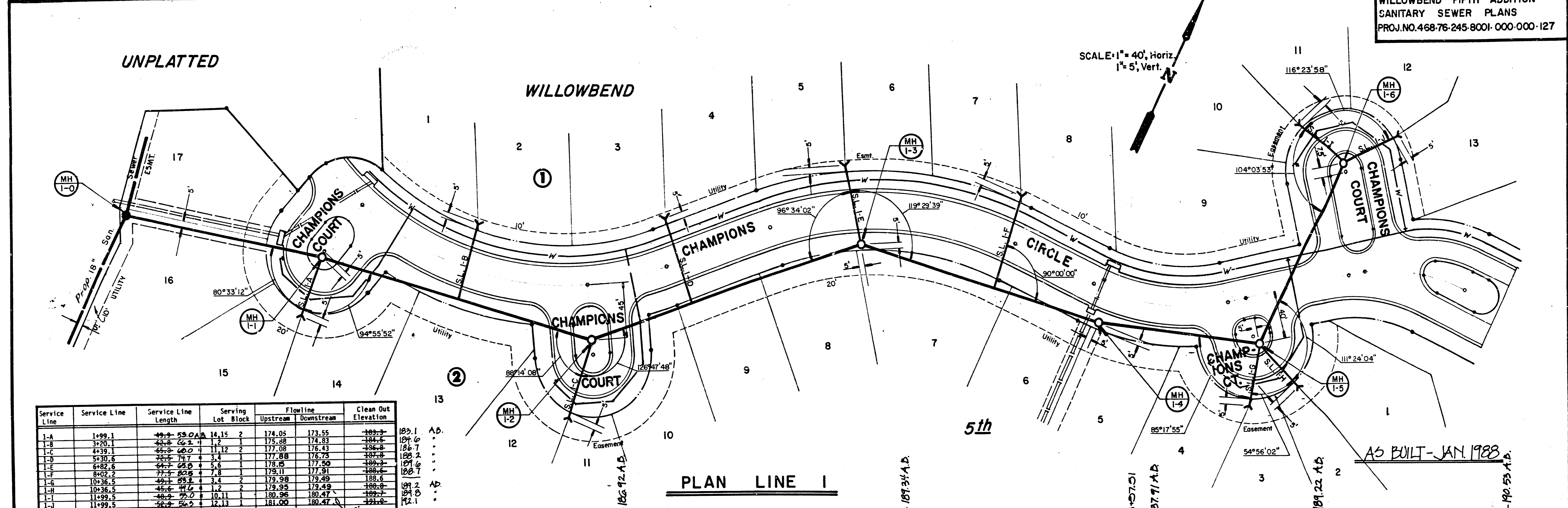


LOCATION MAP

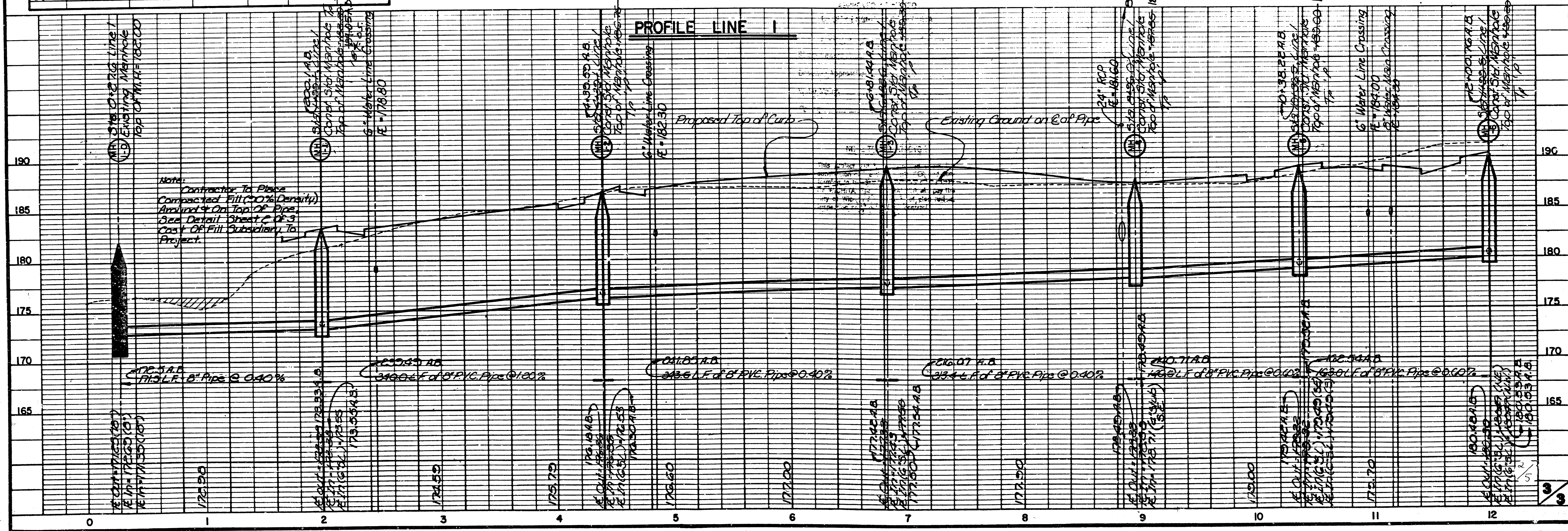
AS BUILT - JAN. 1988



WILLOWBEND FIFTH SANITARY SEWER PLANS	Design: GJA
	Drawn by: DSS
	Date: Aug. 1987
	Sheet: 1 of 3
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226 602-6561	



Service Line	Service Line Length	Serving Lot/Block	Flowline		Clean Out Elevation
			Upstream	Downstream	
1-A	1+99.1	14, 15	174.05	173.55	183.1
1-B	3+20.1	12	175.88	174.83	184.5
1-C	4+39.1	11, 12	177.08	176.43	184.8
1-D	5+30.8	7, 8	177.88	176.75	187.8
1-E	6+42.8	5, 6	178.45	177.50	188.3
1-F	8+02.2	7, 8	179.11	177.91	188.6
1-G	10+36.5	3, 4	179.98	179.49	188.6
1-H	10+36.5	1, 2	179.98	179.49	188.6
1-I	11+99.5	10, 11	180.96	180.47	189.7
1-J	11+99.5	12, 13	181.00	180.47	191.8



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CITY OF WICHITA, KANSAS
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AUGUST, 1987

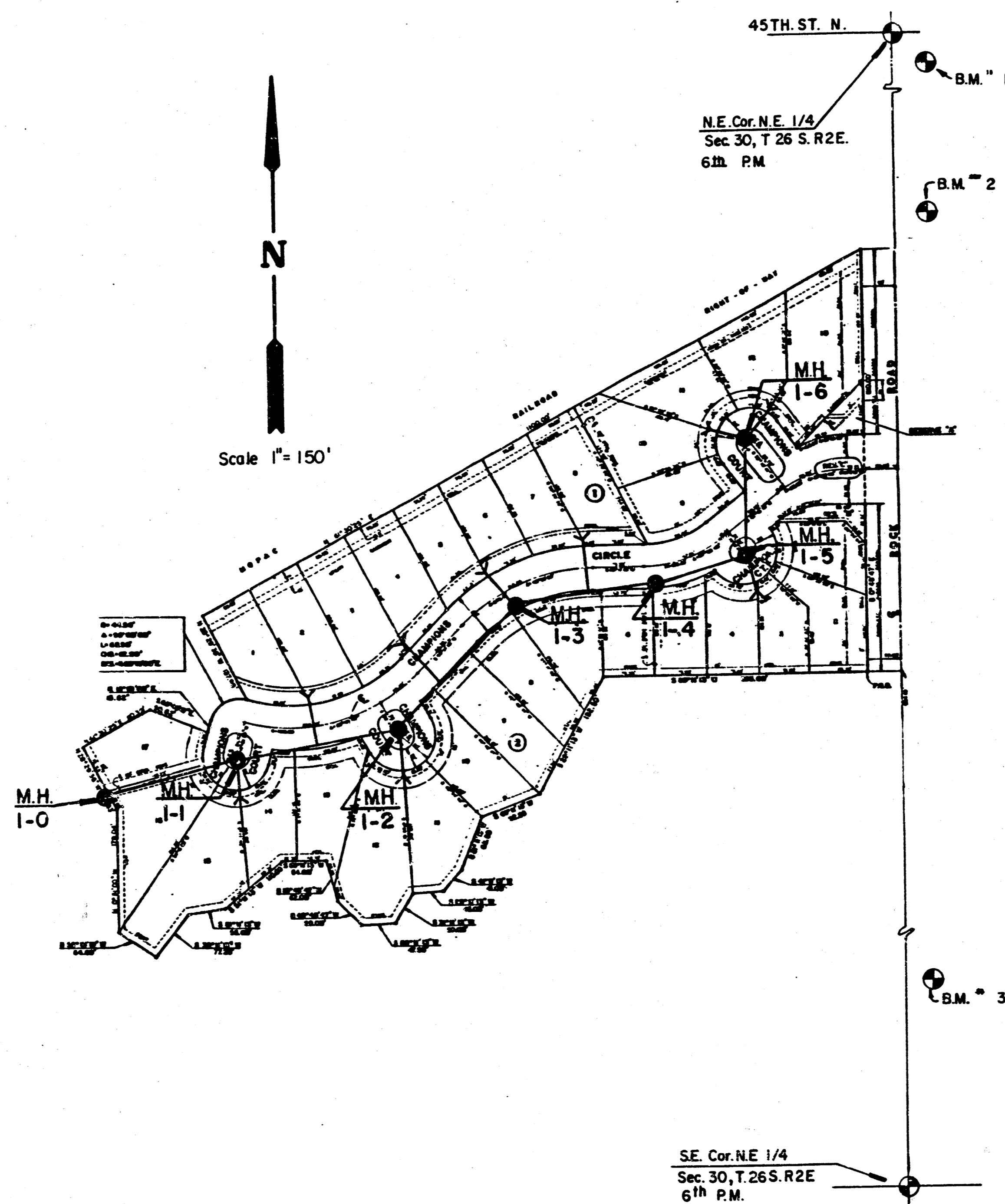
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Elev. 197.93
- B.M. #2 Top of Bolt in Corner Fence Post at S.E. Corner R.R. ROW and Rock Rd.
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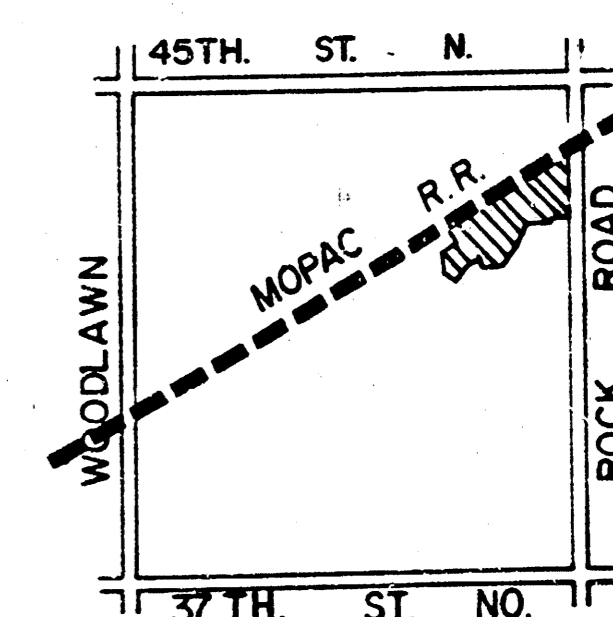
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AS NOTED
CITY OF WICHITA
9/28/87

Approaches _____
Drains _____
Mans _____

NOTE TO CONTRACTOR
This plan shall be reviewed by the City Engineer before construction.
Looking per contract



LOCATION MAP



**WILLOWBEND
FIFTH
SANITARY SEWER
PLANS**

Design: G.J.A.
Drawn by:
Checked by: DSS
Date: Aug., 1987
Job no:

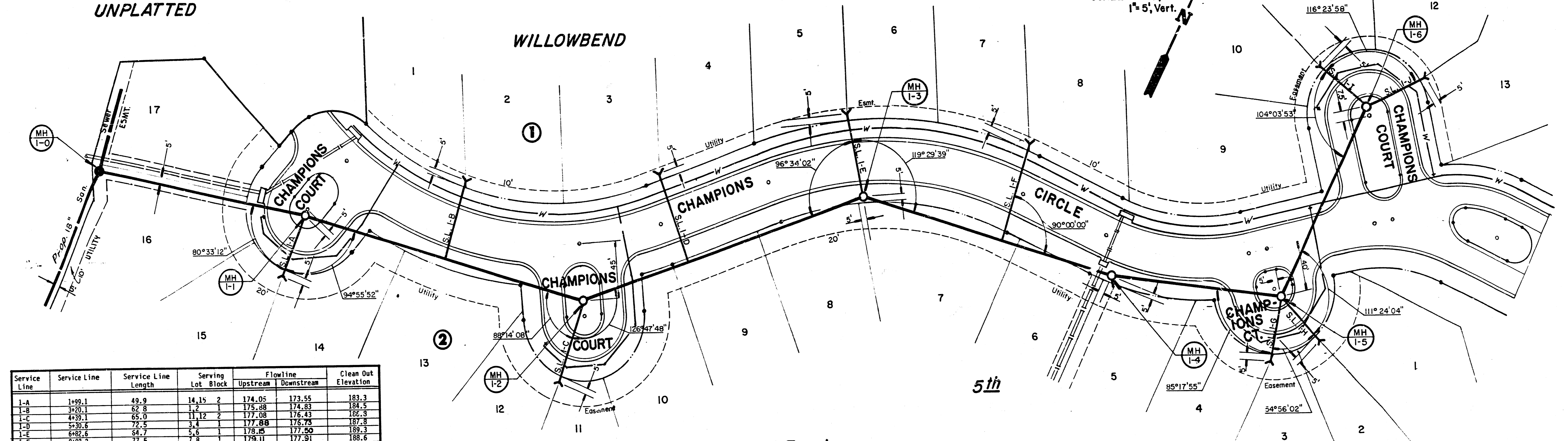
MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226

Sheet **1**
of **3**
682-6561

UNPLATTED

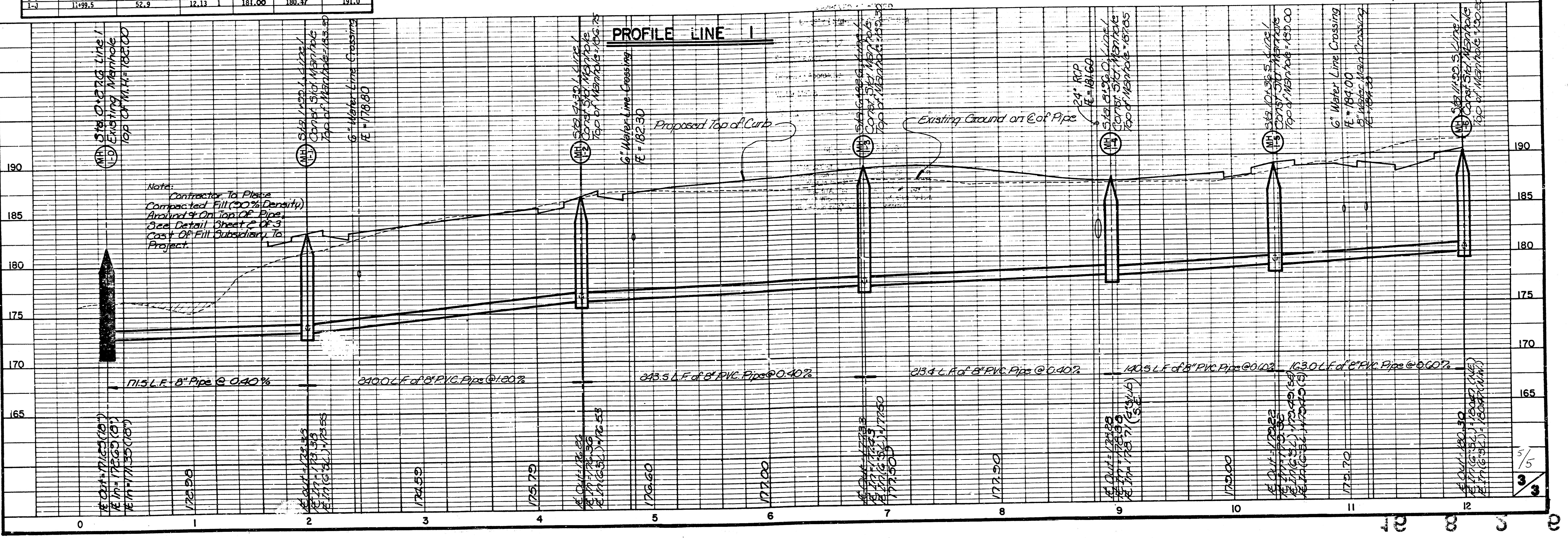
WILLOWBEND

SCALE: 1" = 40', Horiz.
 1" = 5', Vert.



Service Line	Service Line Length	Serving Lot Block	Flowline		Clean Out Elevation
			Upstream	Downstream	
1-A	1+99.1	49.9	14.15 2	174.05	173.55
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1-H	10+36.5	45.6	1.2 2	179.95	179.49
1-I	11+99.5	48.9	10.11 1	180.96	180.47
1-J	11+99.5	52.9	12.13 1	181.00	180.47

PLAN LINE 1



Note:
 Contractor To Place
 Compacted Fill (90% Density)
 Around & On Top of Pipe.
 See Detail Sheet 2 OF 3
 Copy Of Fill Subsidiary To
 Project.

5/5
 3/3