


**PRIVATE SANITARY SEWER
SERVING**

**~~MULBERRY EAST~~
PROJECT NO.
448-76-245-80001-000-000-131**

NOW
"WILLOWBEND"
FIRST
ADDITION"

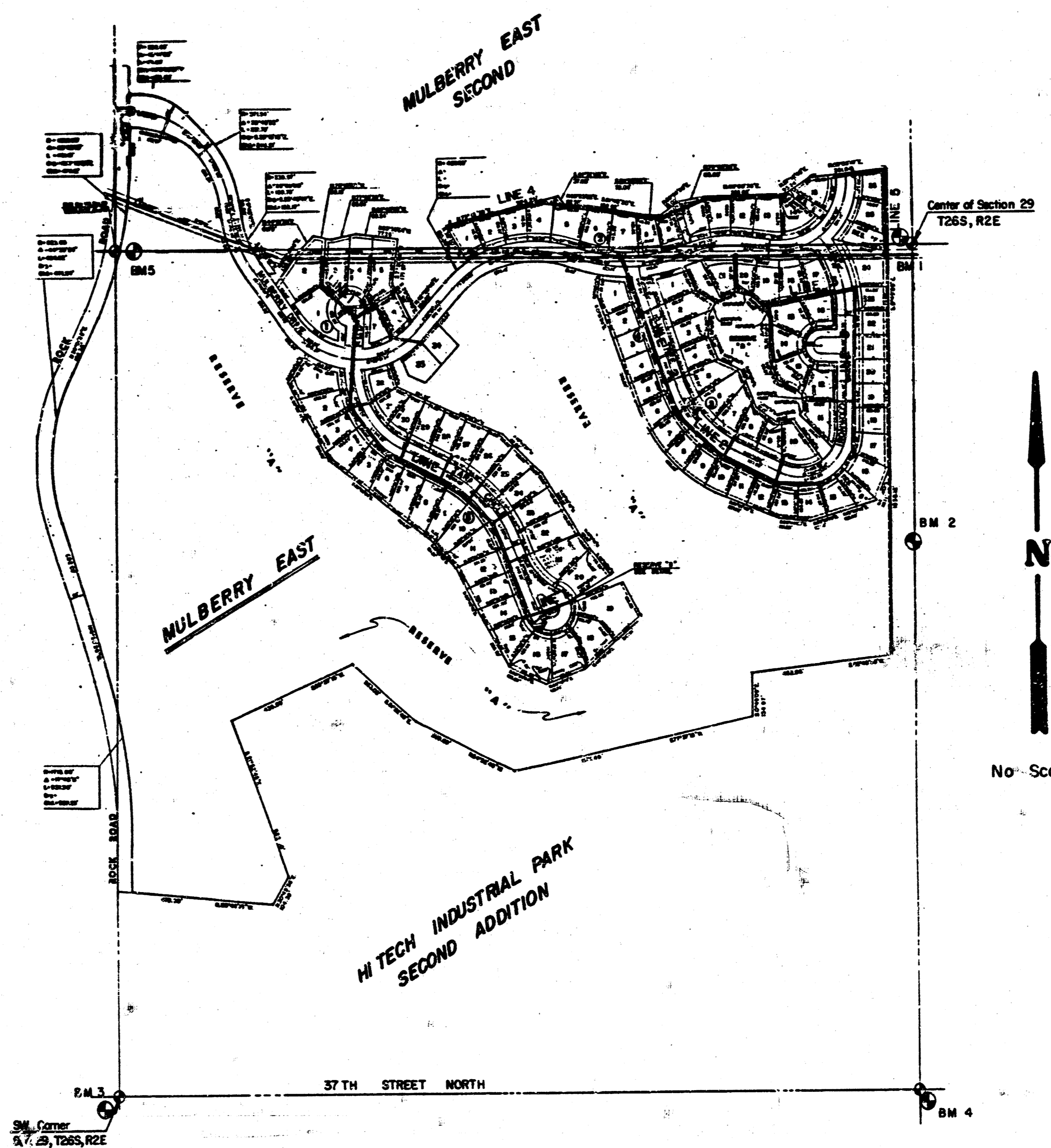
**CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER
MARCH, 1986**

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. A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDED 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.
3. CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
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. TREES TO BE REMOVED ARE MARKED . ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.
7. RISER PIPE SHALL BE INSTALLED TO SERVE INDIVIDUAL LOTS OR TRACTS IN CONJUNCTION WITH NEW SANITARY SEWER CONSTRUCTION, UNLESS OTHERWISE ORDERED BY THE ENGINEER, BECAUSE OF GROUND WATER, UNSTABLE SOIL OR UNUSUALLY DEEP CONSTRUCTION. RISER LOCATIONS SHALL BE AS APPROVED BY THE PROPERTY OWNER WITH THE CONCURRENCE OF THE ENGINEER. INSTALLATION OF RISERS ON SEWERS BECAUSE OF UNUSUAL DEPTH WILL BE REQUIRED WHEN THE SEWER IS DEEPER THAN TWELVE FEET (12'). THE CONTRACTOR WILL BE REQUIRED TO FILE WRITTEN DOCUMENTATION WITH THE ENGINEER IN A FORM APPROVED BY THE ENGINEER INDICATING THE LOCATIONS WHERE RISERS ARE TO BE INSTALLED AS REQUESTED BY THE PROPERTY OWNER OR HIS AUTHORIZED REPRESENTATIVE. RISER PIPE CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SHOWN ON THE STANDARD RISER DETAIL SHEET.
8. COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.

BENCH MARKS

- B.M. #1 "C" CUT ON NW CORNER RCB, 16' N AND 35' W OF CENTER SECTION 29-26-2E. ELEV. = 208.18
- B.M. #2 "C" CUT ON NW CORNER RCB ± 900' S OF CENTER SECTION 29-26-2E. ELEV. = 211.80
- B.M. #3 CITY STANDARD 44' S & 48' W OF CENTERLINE OF 37TH & ROCK ROAD. ELEV. = 204.11
- B.M. #4 CITY STANDARD 32' S & 11' E OF S QUARTER CORNER SECTION 29-26-2E. ELEV. = 224.64
- B.M. #5 TBM RR-SPK IN S FACE OF CORNER FENCE POST ± 50' E OF W QUARTER CORNER SECTION 29-26-2E. ELEV. = 189.79



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1 & LINE 1B
3	LINE 1 & LINE 1A
4	LINE 2
5	LINE 3 & LINE 3A
6	LINE 4
7	LINE 5
8	SERVICE LINE HOOK UP DETAIL
9-10	MULBERRY EAST FINAL PLAT


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 pay the City of Wichita for all public utility inspection and testing.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers *CLB 4-11-86*
Storm Sewers _____
Driveway Approaches _____

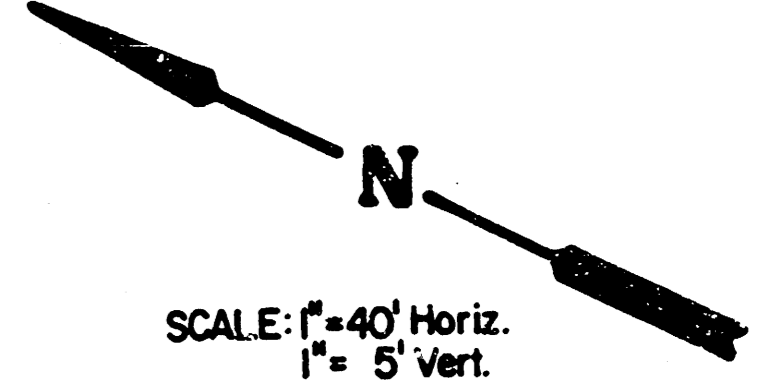
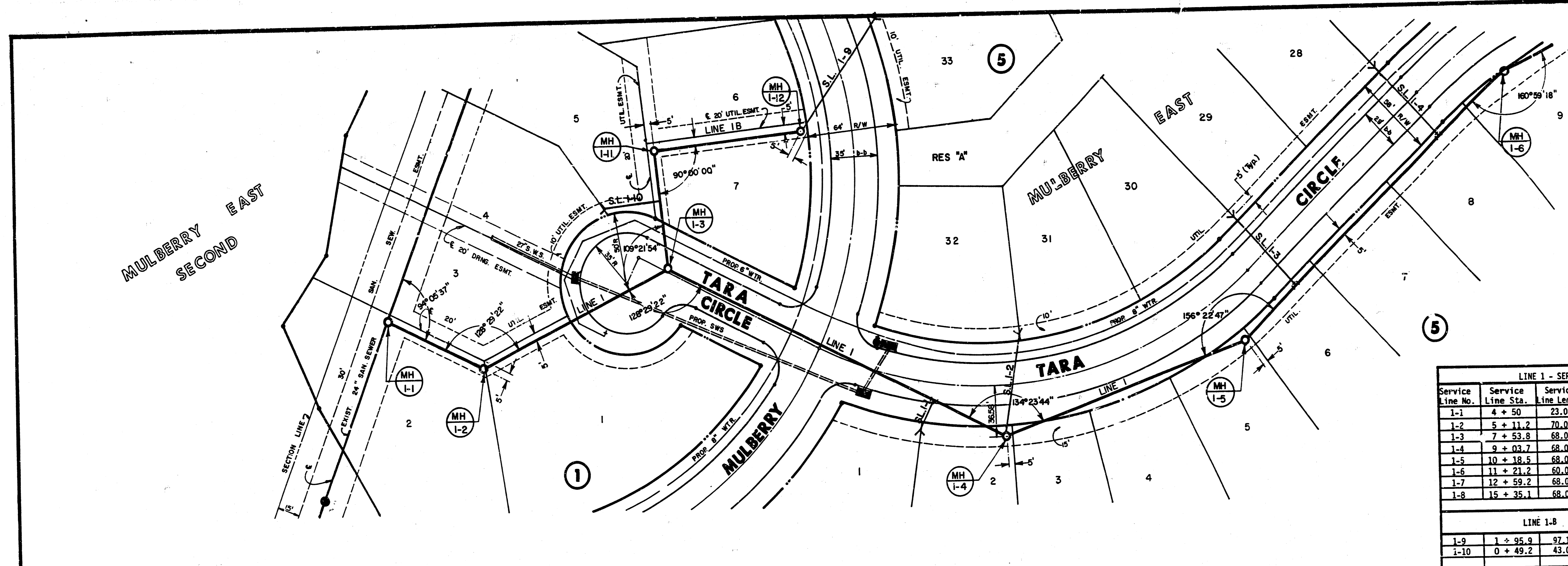


Booked

	MULBERRY EAST	Drawn by RCB
	SANITARY SEWER PLANS	Checked by DZ
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		Date MAR. 1986
682-6561		Sheet 1 of 10 1/2

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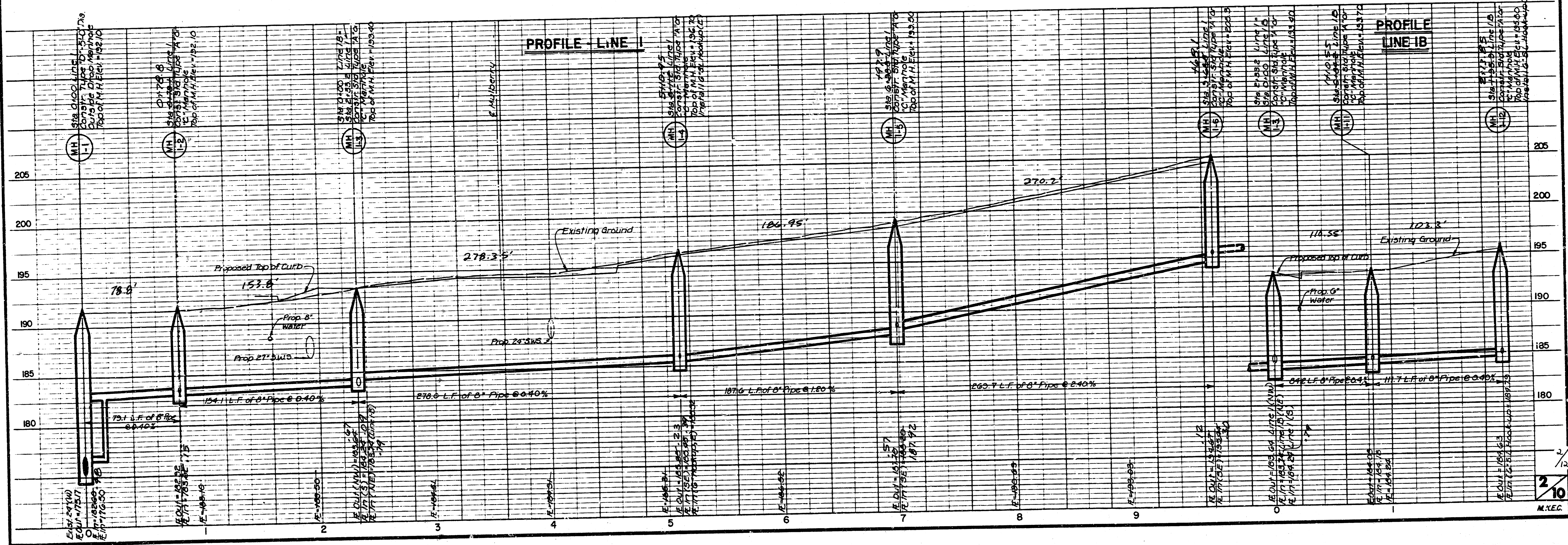
MULBERRY EAST
SANITARY SEWER
PROJ. NO. 448-76-245-80001-000-000-131



LINE 1 - SERVICE LINE HOOK UP						
Service Line No.	Service Line Sta.	Service Line Length	Service Line	Flow Line	Clean Out	Elevation
1-1	4 + 50	23.0'	1.2	5	185.26	185.11
1-2	5 + 11.2	70.0'	31.32	5	186.22	185.52
1-3	7 + 53.8	68.0'	30.29	5	190.52	189.52
1-4	9 + 03.7	68.0'	27.28	5	194.22	193.12
1-5	10 + 18.5	68.0'	25.26	5	196.74	195.64
1-6	11 + 21.2	60.0'	23.24	5	198.80	198.20
1-7	12 + 59.2	68.0'	21.22	5	200.23	199.13
1-8	15 + 35.1	68.0'	17.18	5	202.16	201.07

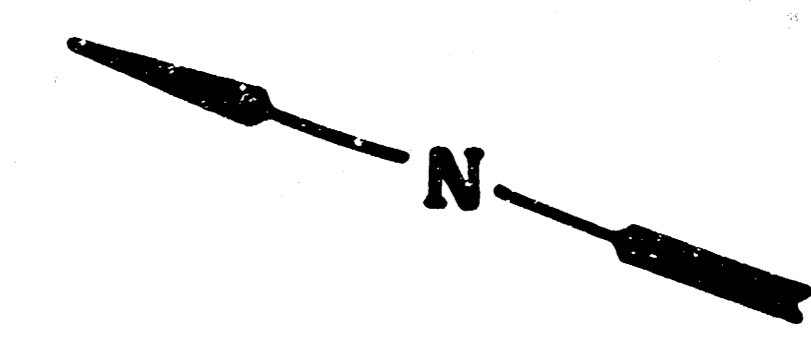
LINE 1-B						
Service Line No.	Service Line Sta.	Service Line Length	Service Line	Flow Line	Clean Out	Elevation
1-9	1 + 95.9	97.1'	33.34	5	195.76	184.79
1-10	0 + 49.2	43.0'	4.5	1	185.07	184.22

PLAN - LINE I & LINE IB

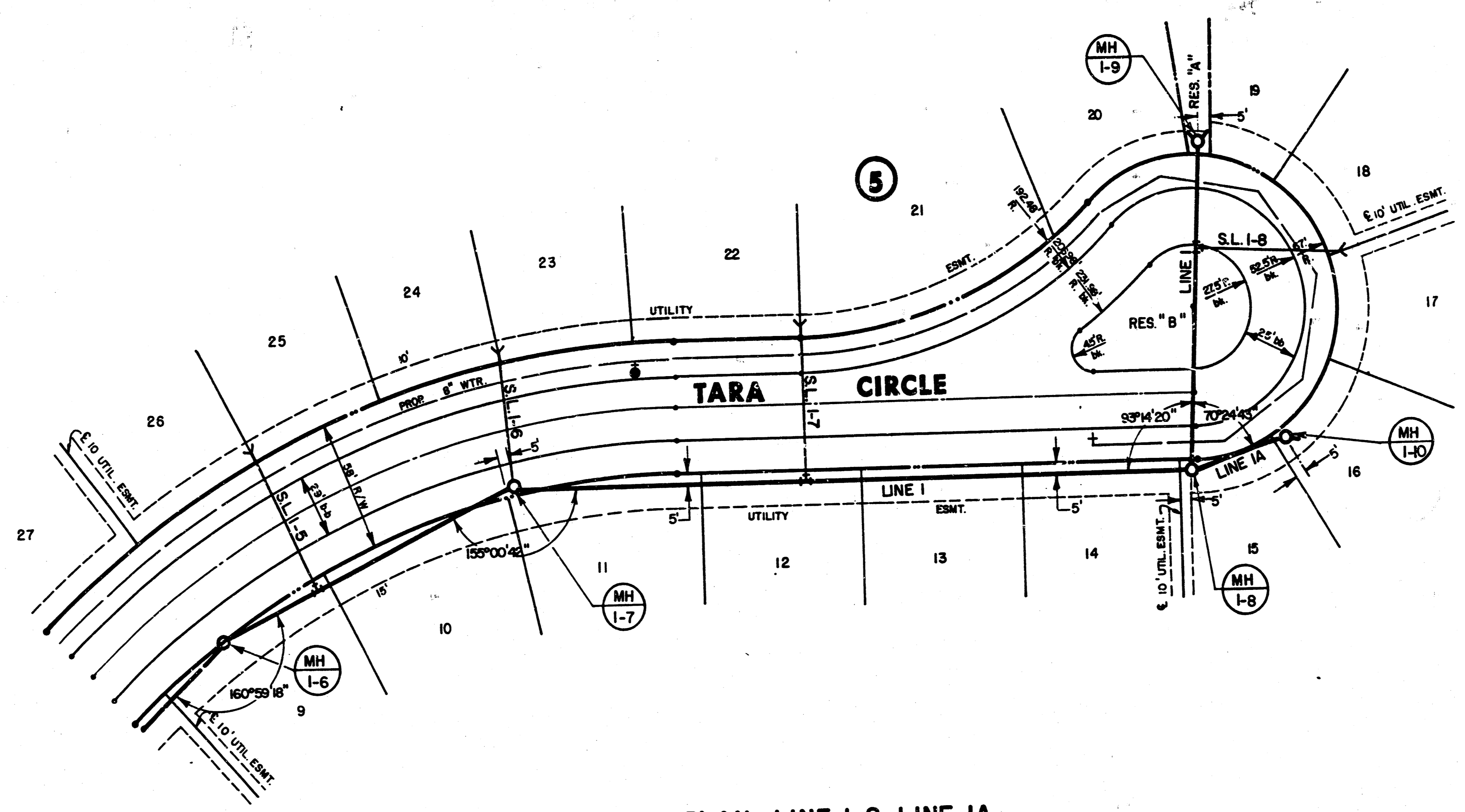


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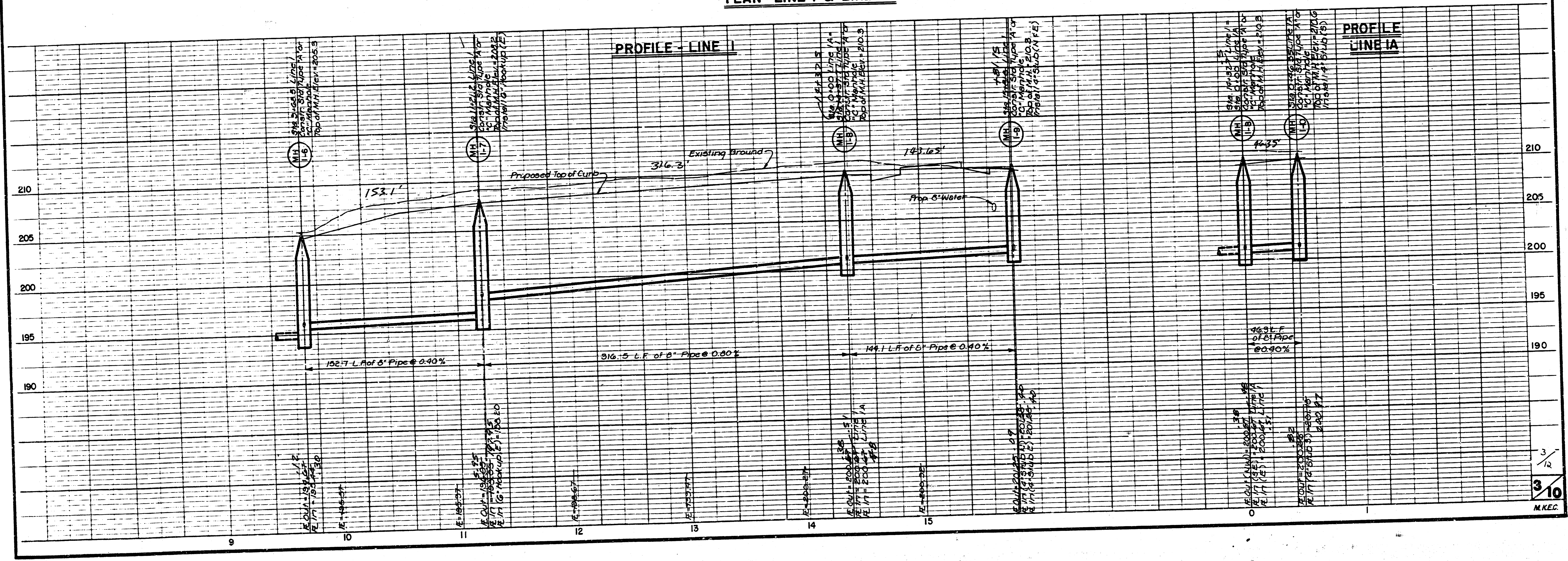
MULBERRY EAST
 SANITARY SEWER NO.
 PROJ. NO. 448-76-245-8000-000-000-131



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



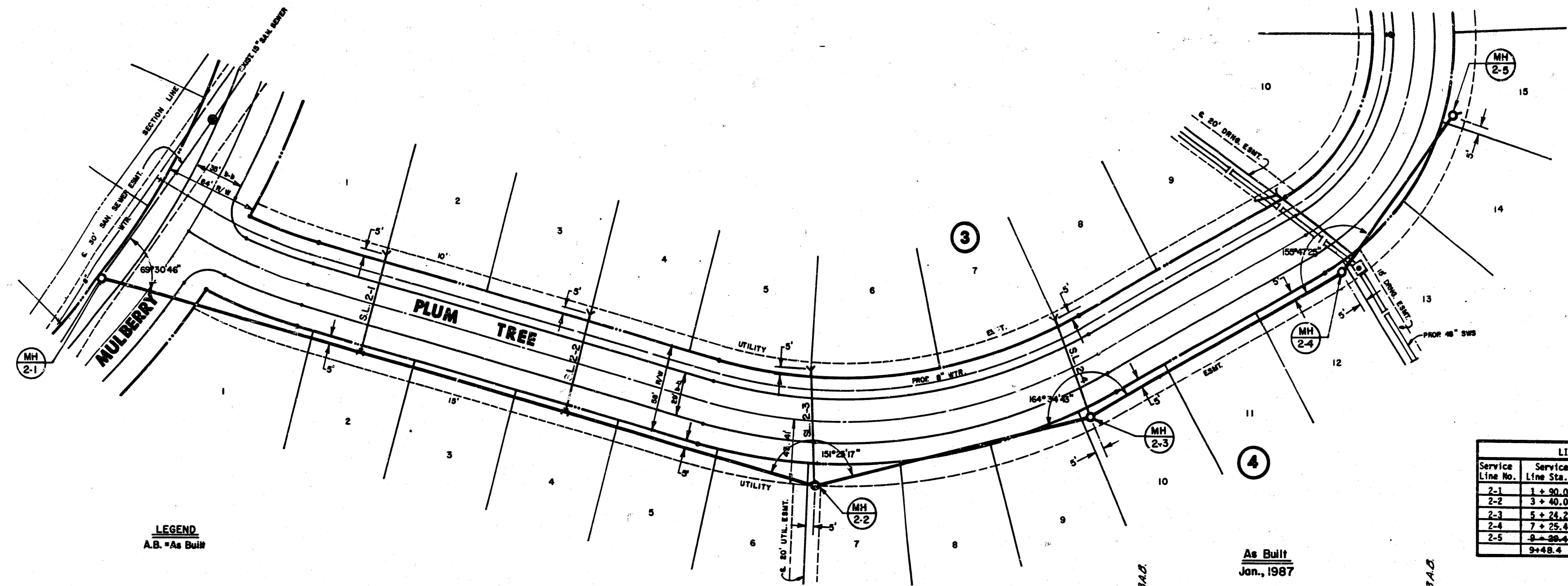
PLAN - LINE I & LINE IA



3/12
 3/10
 M.K.C.

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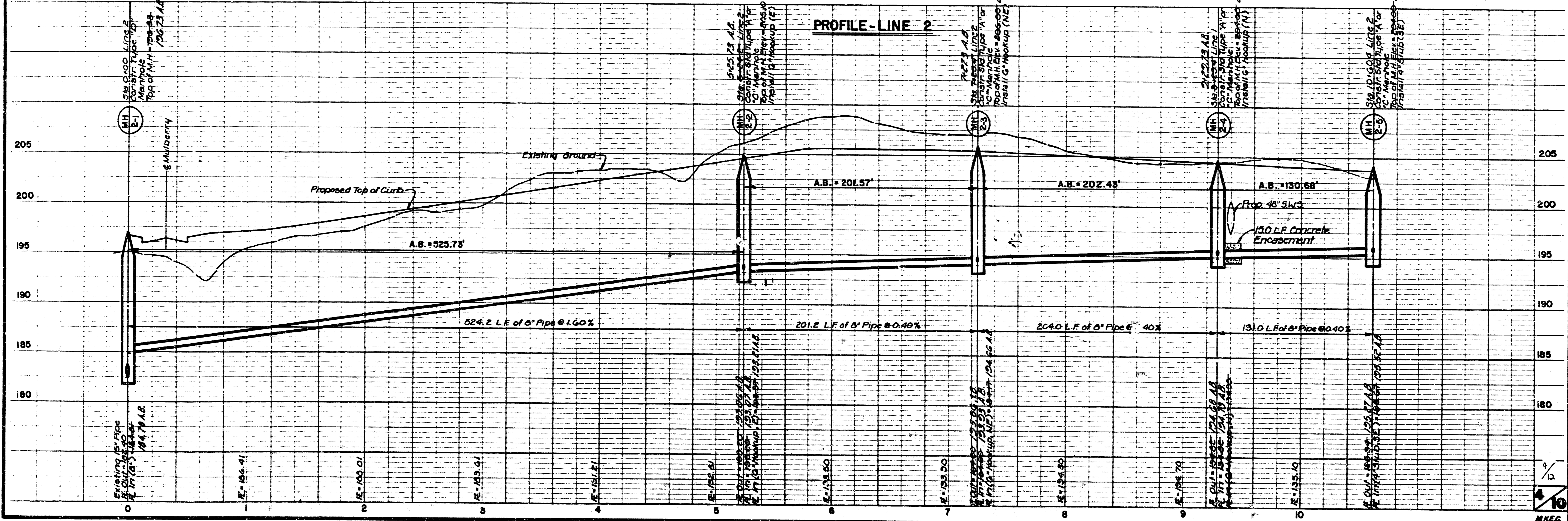
MULBERRY EAST
SANITARY SEWER
PROJ. NO.448-75-245-80001-000-000-131



LEGEND
A.B. = As Built

LINE 2 - SERVICE LINE HOOK UP					
Service Line No.	Service Line Sta.	Service Line Length	Service Loss Block	Flowline Upstream Diameter	Flowline Downstream Diameter
2-1	1 + 90.0	68.0'	1	18.75"	18.75"
2-2	3 + 40.0	68.0'	3	19.125"	19.125"
2-3	5 + 24.2	78.0'	5	19.415"	19.415"
2-4	7 + 25.4	70.0'	7	19.417"	19.417"
2-5	9 + 28.4	65.0'	9	19.416"	19.416"
	9+48.4	65.0'	9	19.416"	19.416"

PLAN - LINE 2



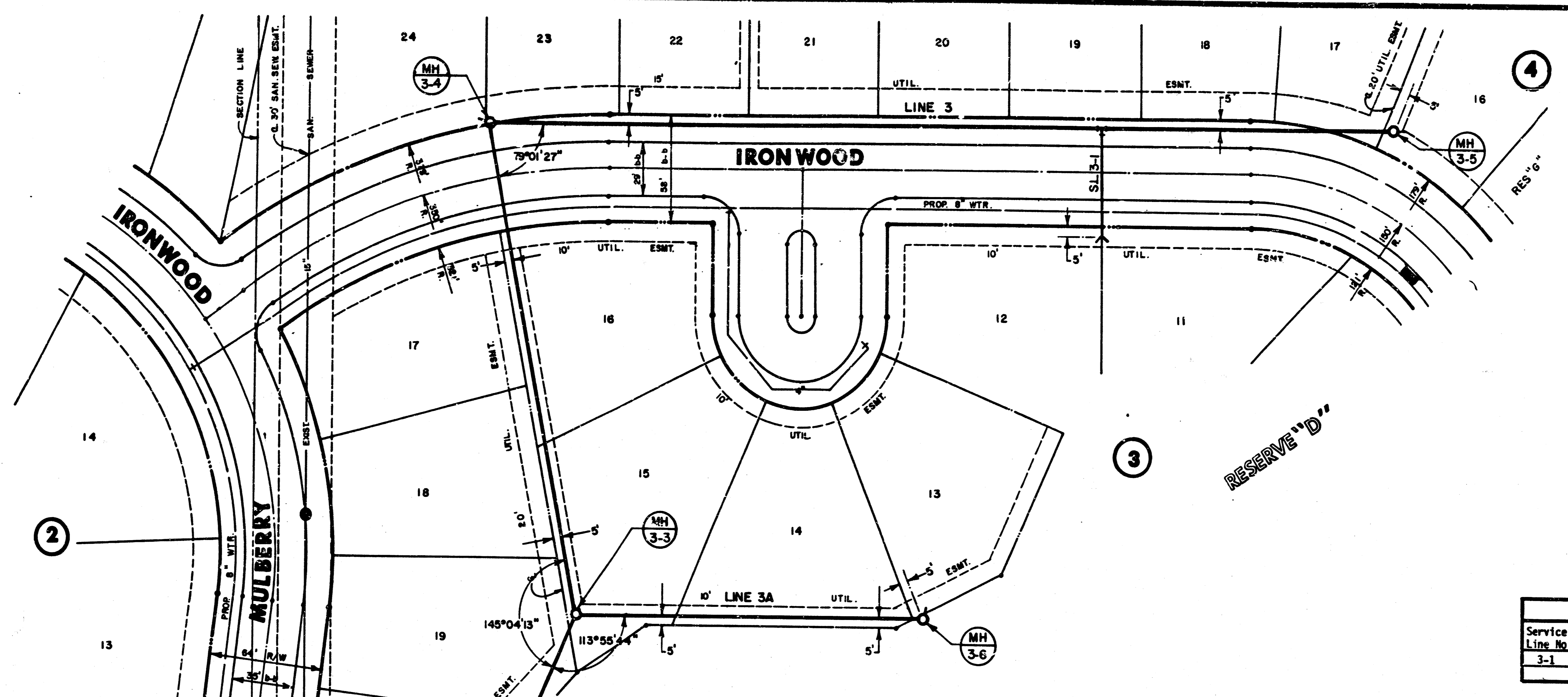
PROFILE - LINE 2

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MULBERRY EAST
 SANITARY SEWER
 PROJ. NO. 448-76-245-80001-000-000-131



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 1" = 5' Vert.

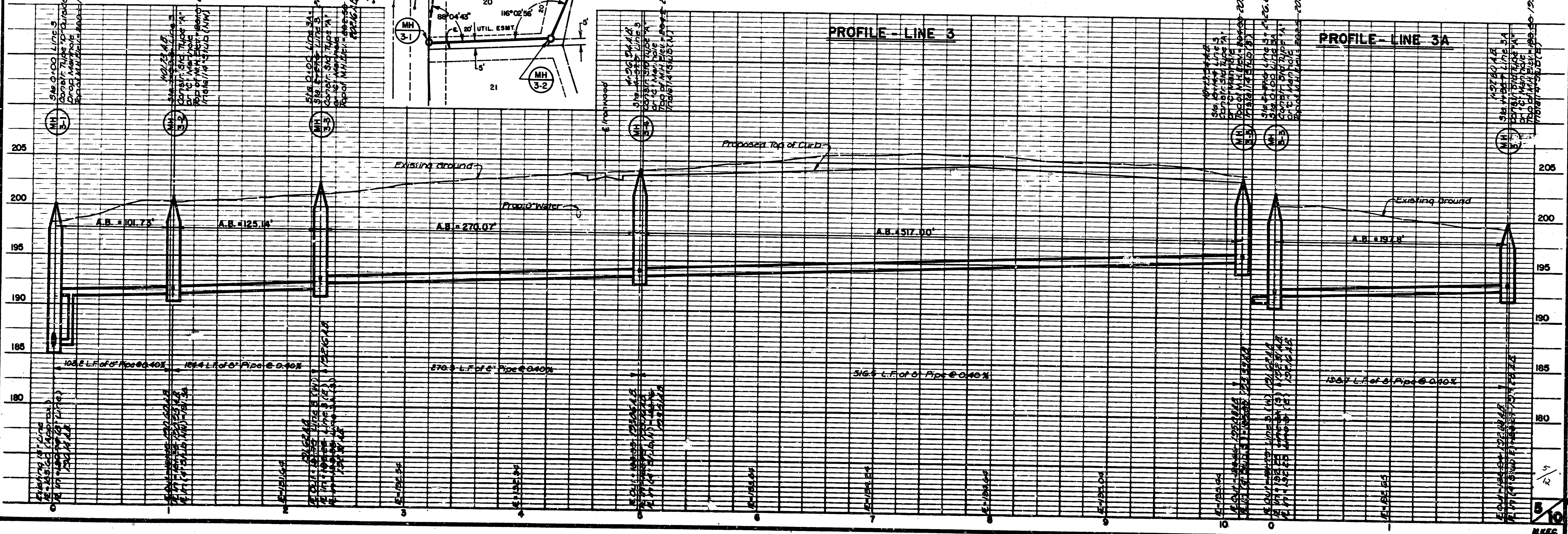


LINE 3 - SERVICE LINE HOOK UP						
Service Line No.	Service Line Sta.	Service Line Length	Service Lots	Flowline Block	Flowline Upstream	Flowline Downstream
3-1	8 + 48.4	58.0'	11, 12, 3	195.83	194.84	204.77

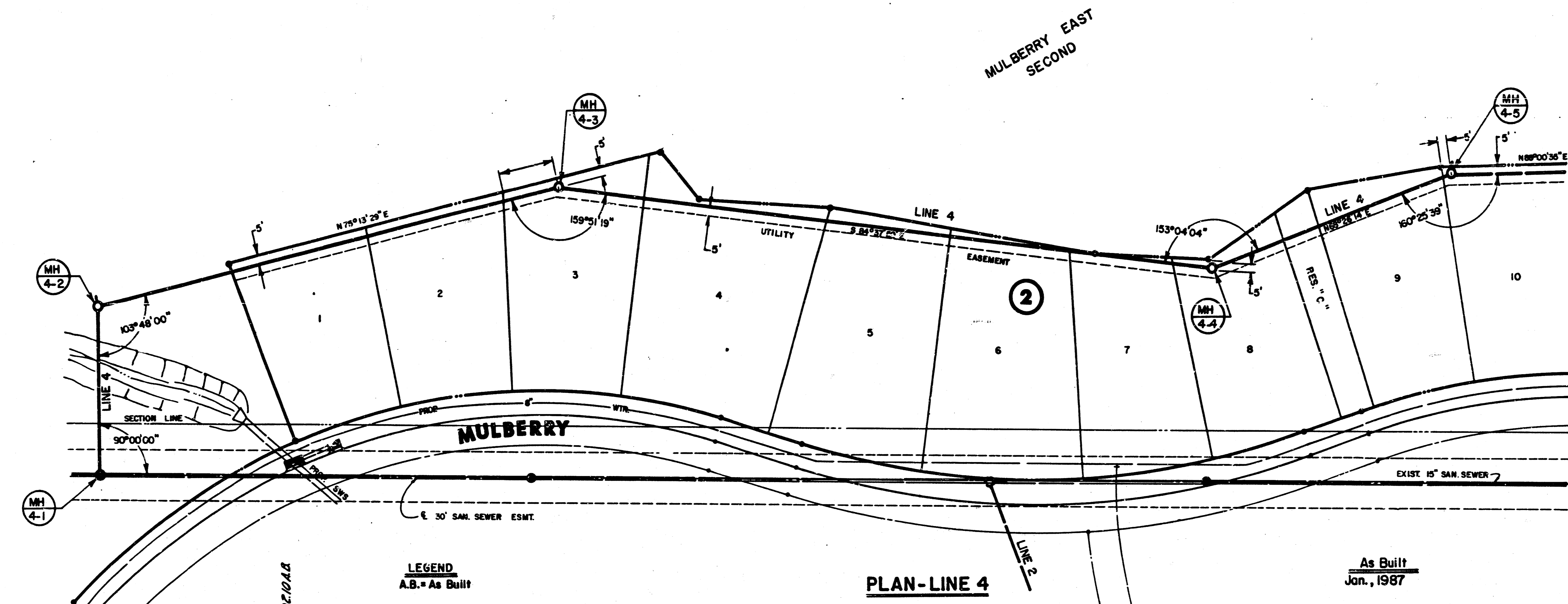
LEGEND
 A.B. = As Built

As Built
 Jan. 1987

PROFILE - LINE 3 & LINE 3A



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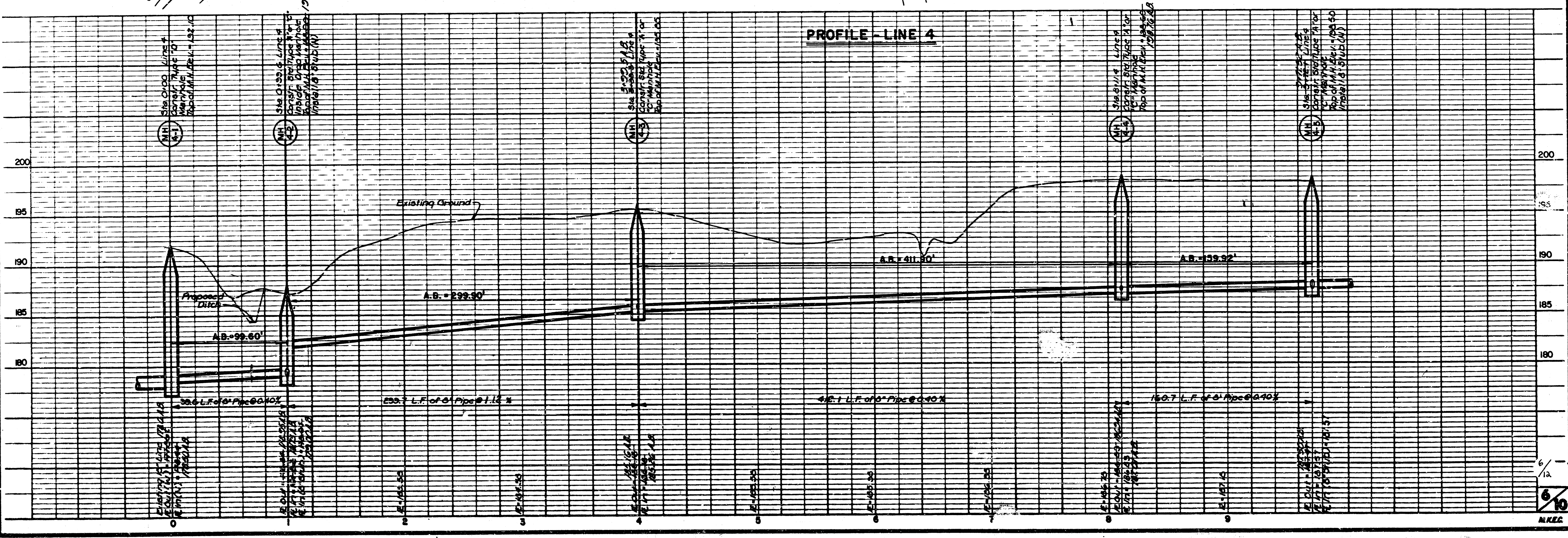


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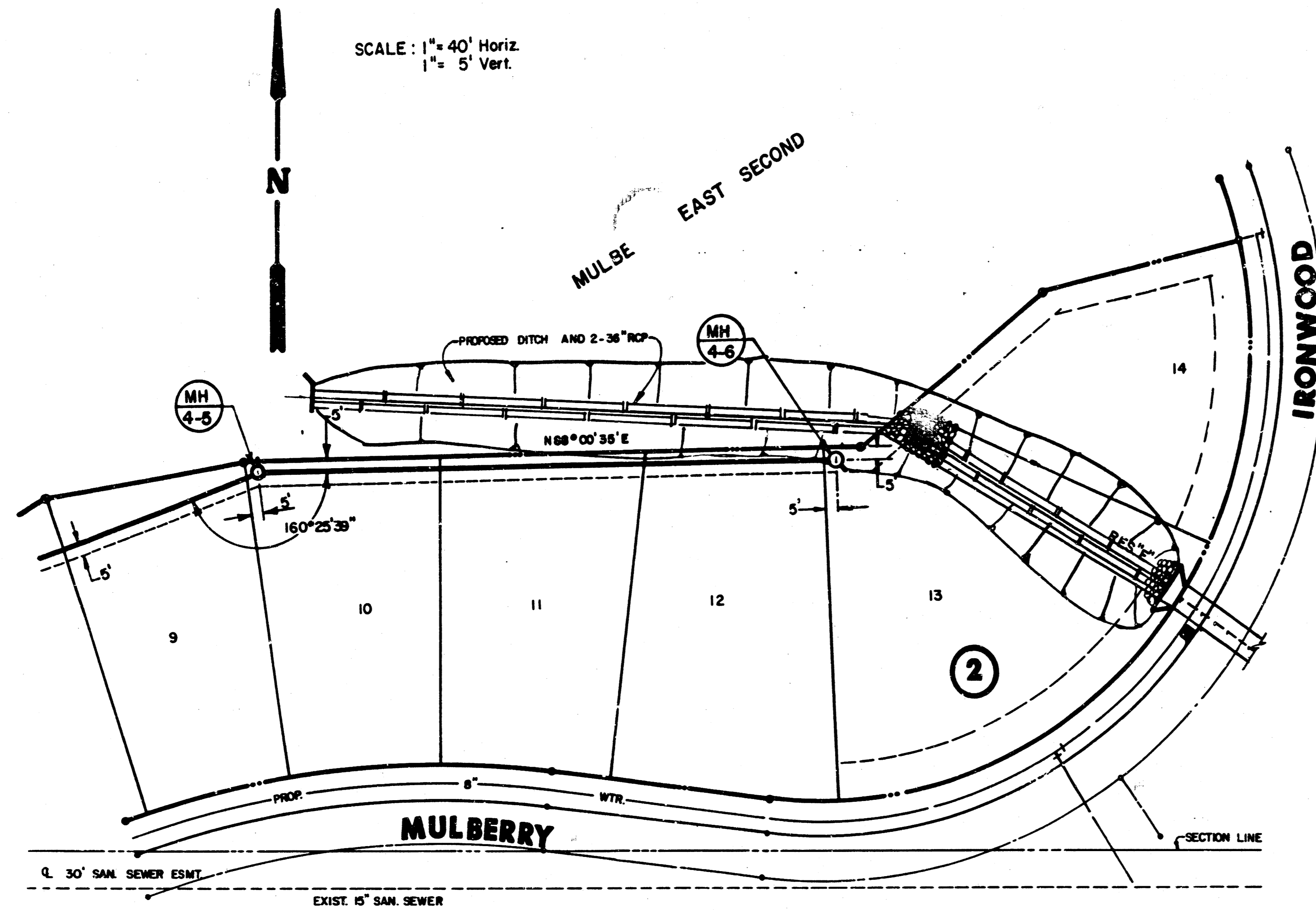
LEGEND
 A.B. = As Built

PLAN-LINE 4

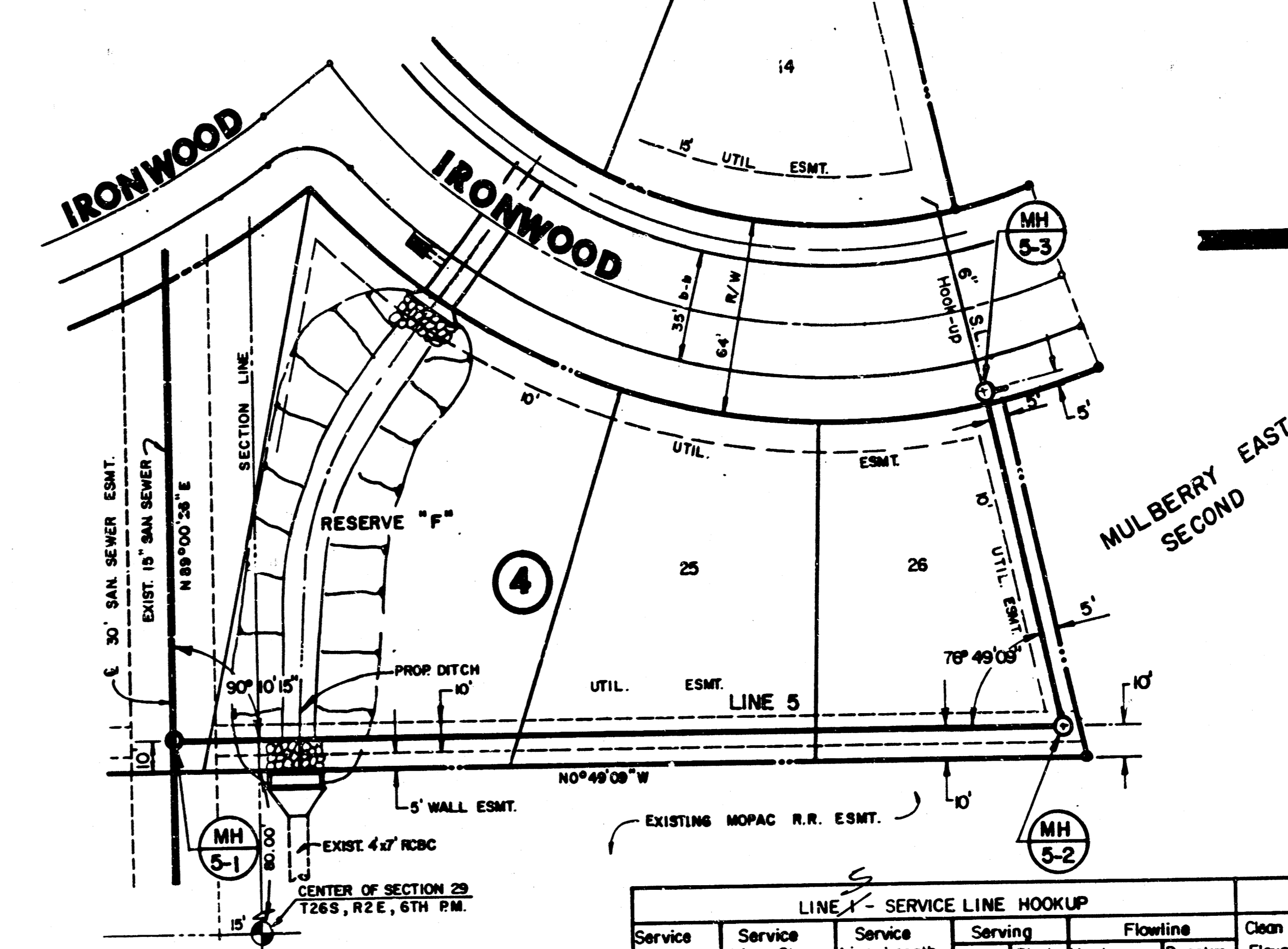
As Built
 Jan., 1987



PROFILE-LINE 4



PLAN - LINE 4

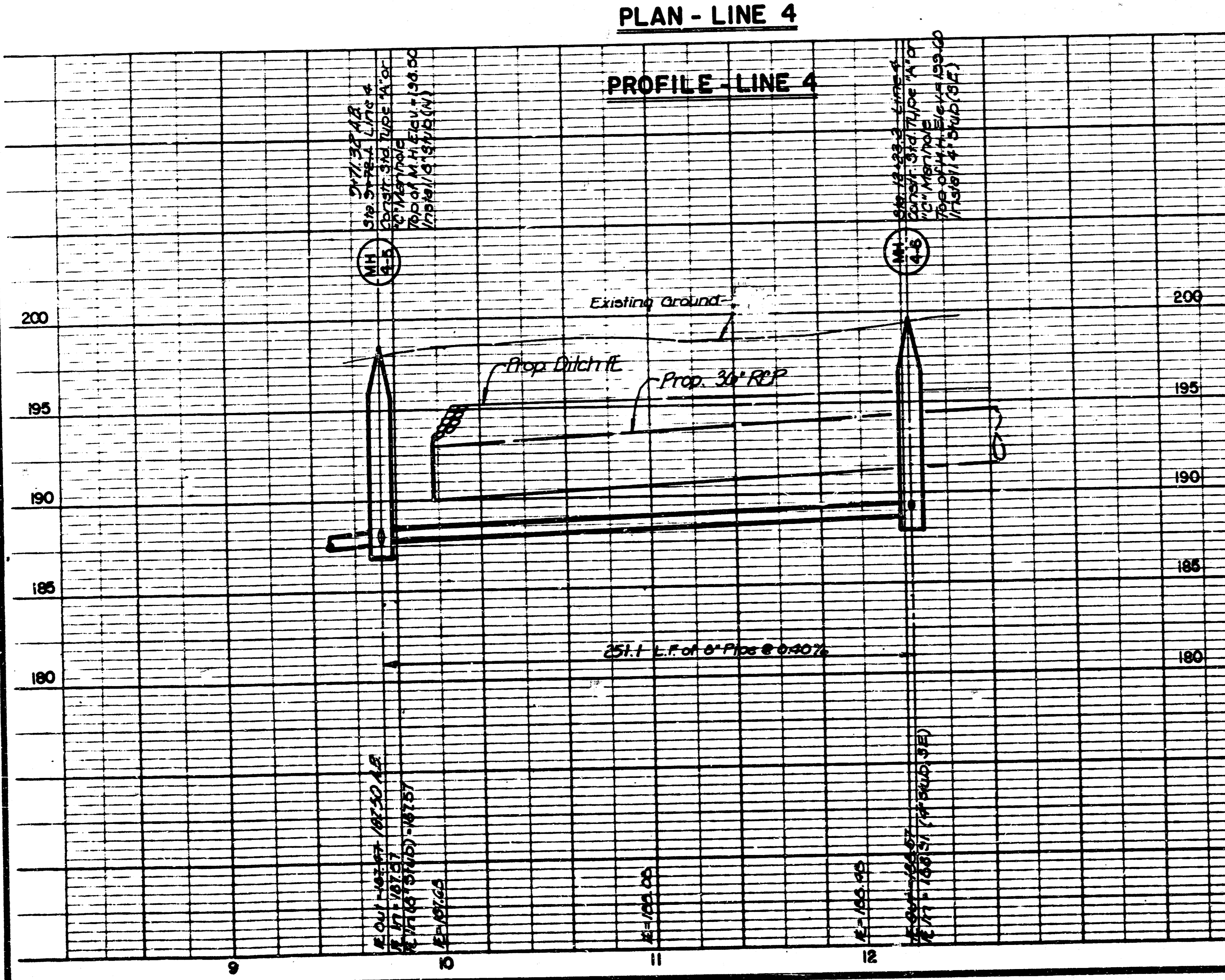


PLAN - LINE 5

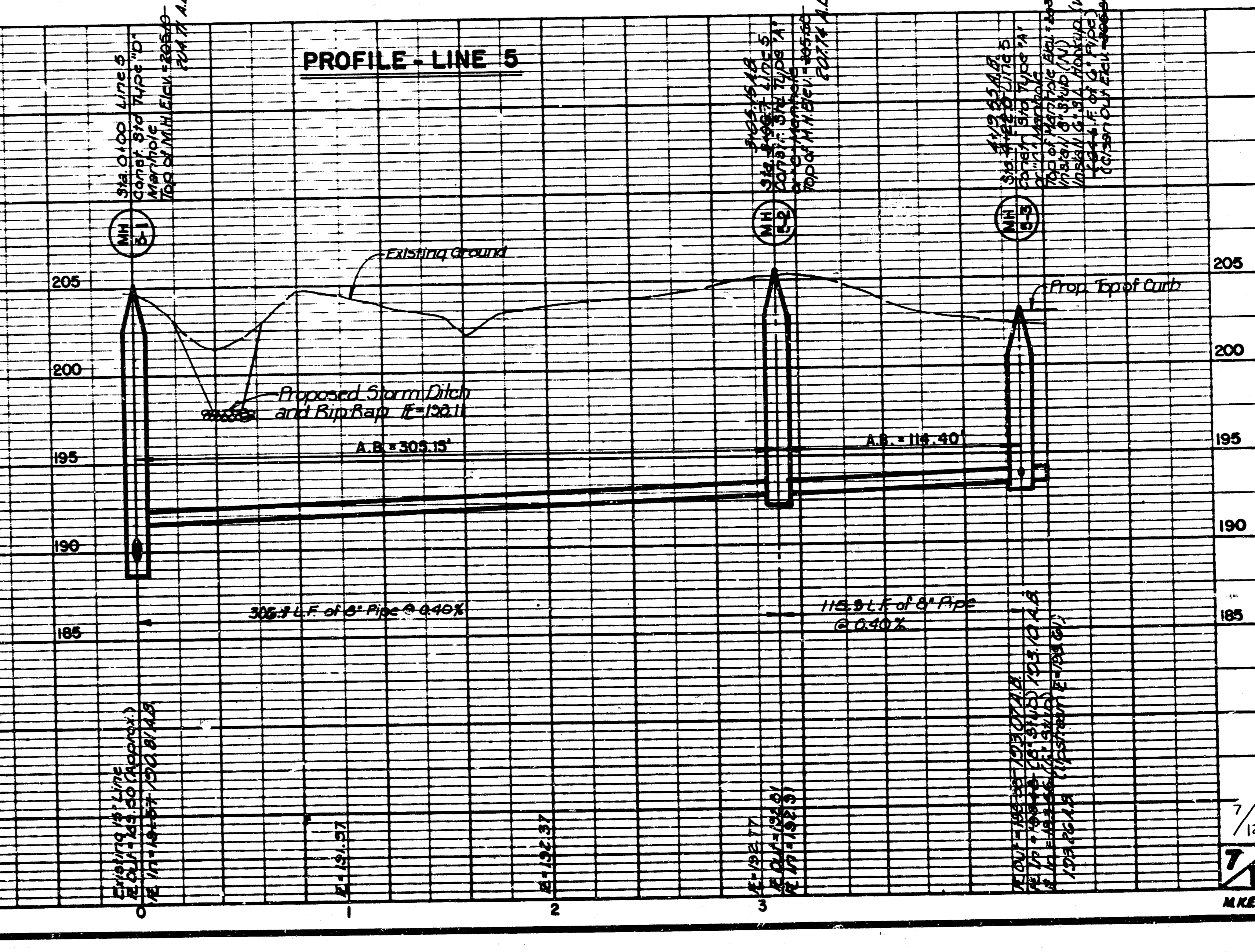
LINE 5 - SERVICE LINE HOOKUP						
Service Line No.	Service Line Sta.	Service Line Length	Serving Lots / Block	Flowline Upstream	Flowline Downstream	Clean Out Elevation
5-1	4+19.55	66.4'	14 / 2	193.61	193.26	202.60

As Built
Jan., 1987

LEGEND
A.B. = As Built

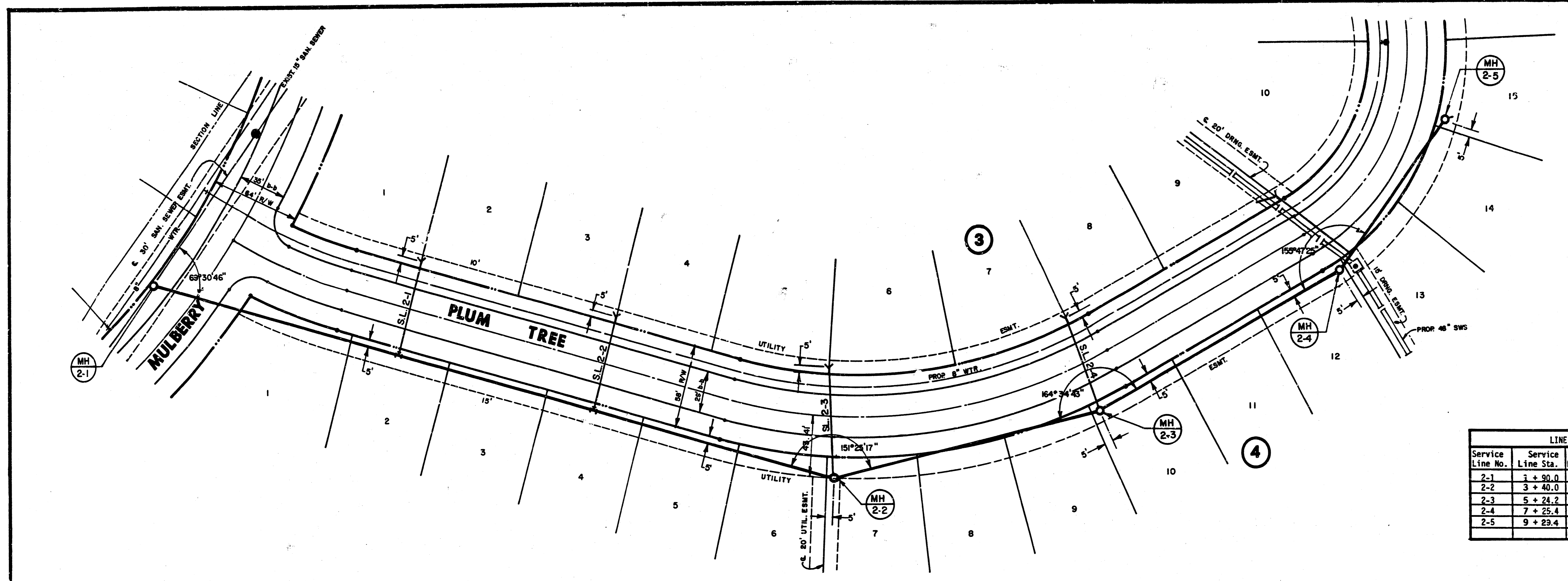


PROFILE - LINE 4



PROFILE - LINE 5

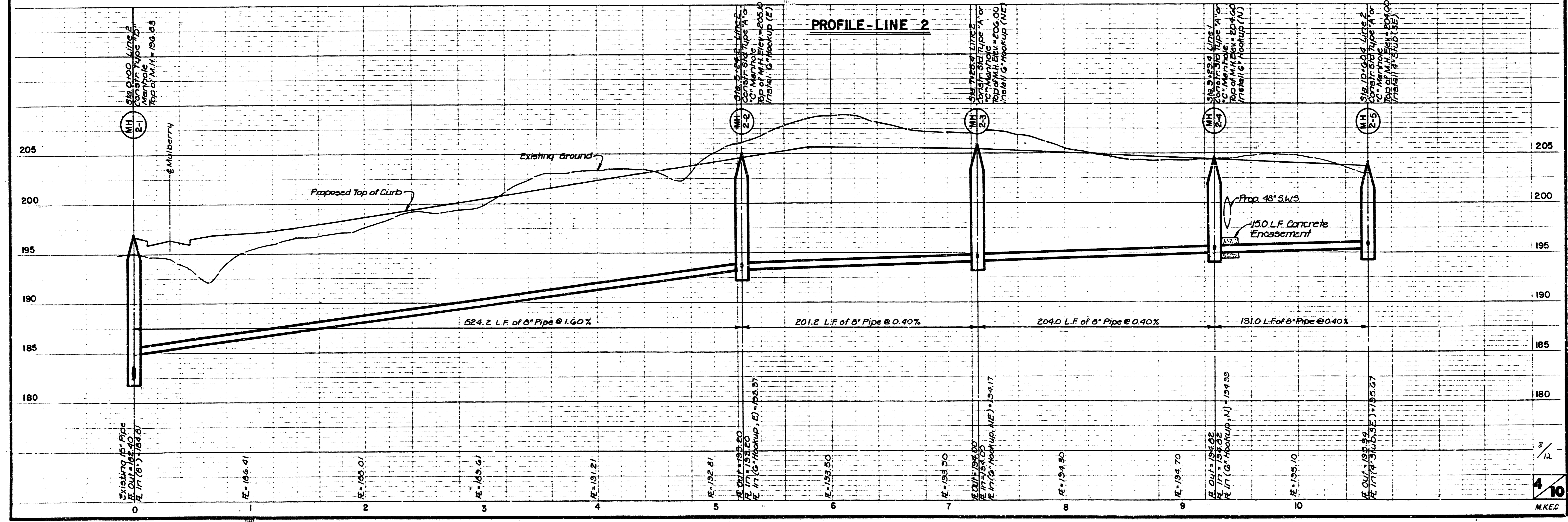
MULBERRY EAST
SANITARY SEWER
PROJ. NO 448-76-245-80001-000-000-131



LINE 2 - SERVICE LINE HOOK UP

Service Line No.	Service Line Sta.	Service Line Length	Serving Lots	Block	Flowing Upstream	Flowing Downstream	Clean Out Elevation
2-1	1 + 90.0	68.0'	1, 2	3	187.35	186.25	198.80
2-2	3 + 40.0	68.0'	3, 4	3	191.35	190.25	201.30
2-3	5 + 24.2	78.0'	5, 6	3	194.15	193.37	204.95
2-4	7 + 25.4	70.0'	7, 8	3	194.87	194.17	205.20
2-5	9 + 29.4	68.0'	9, 10	3	195.98	194.88	204.61

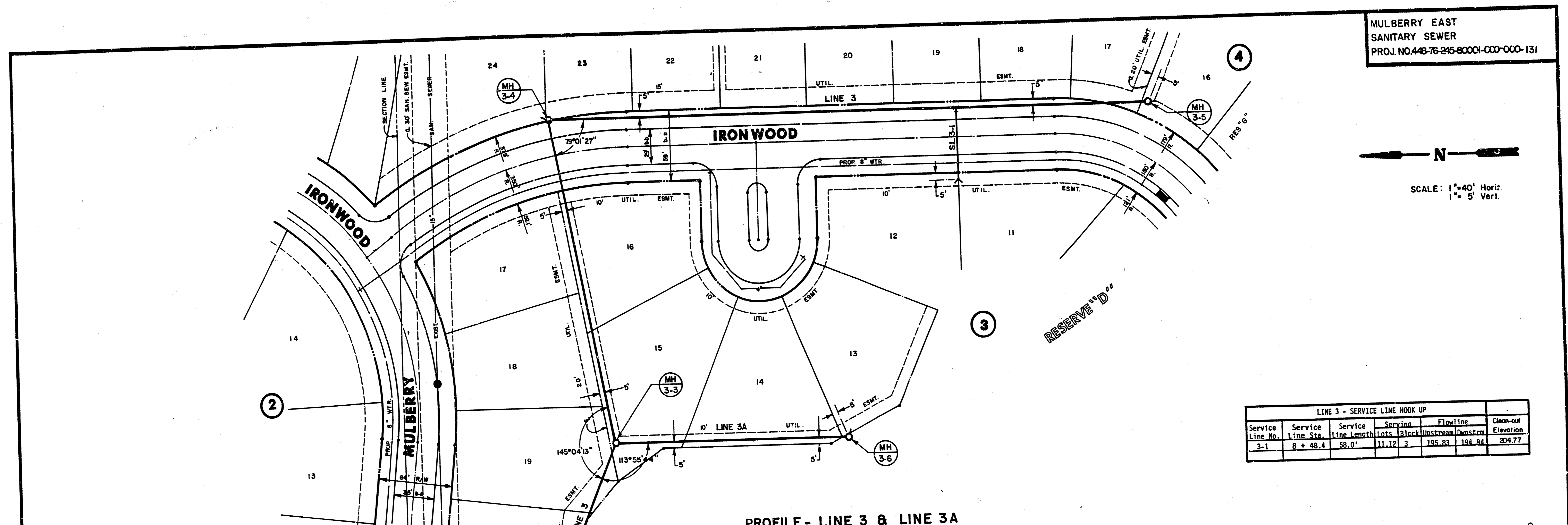
PLAN-LINE 2



PROFILE-LINE 2

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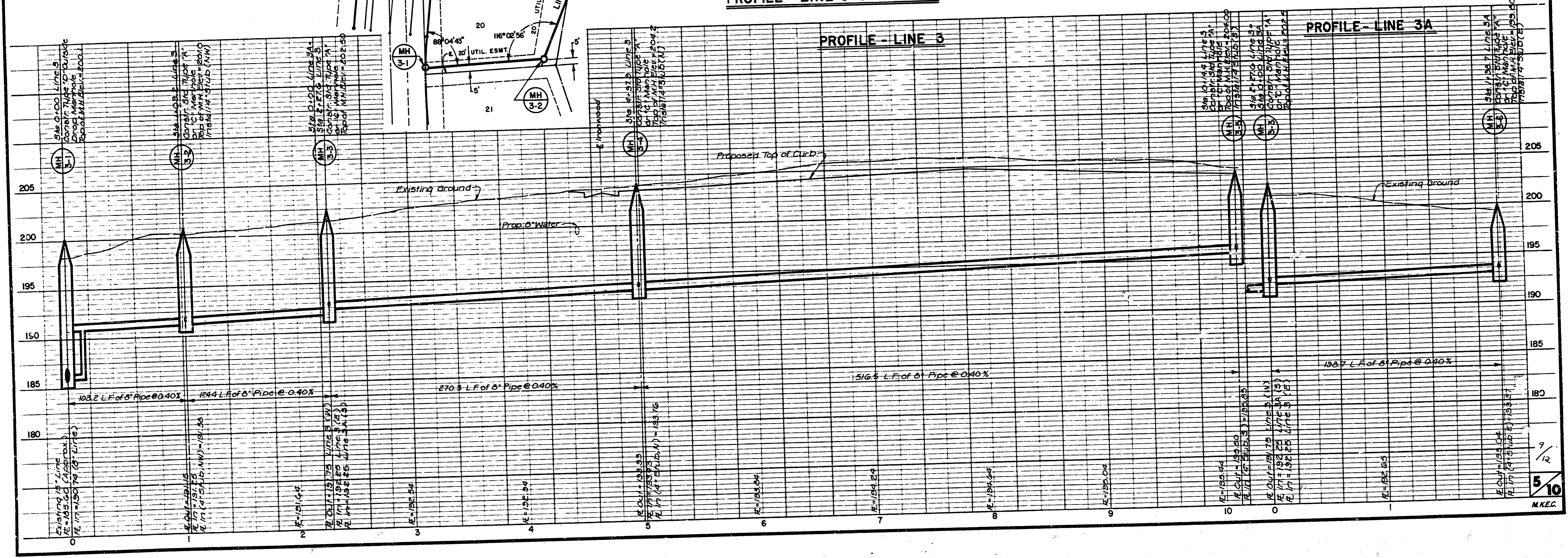
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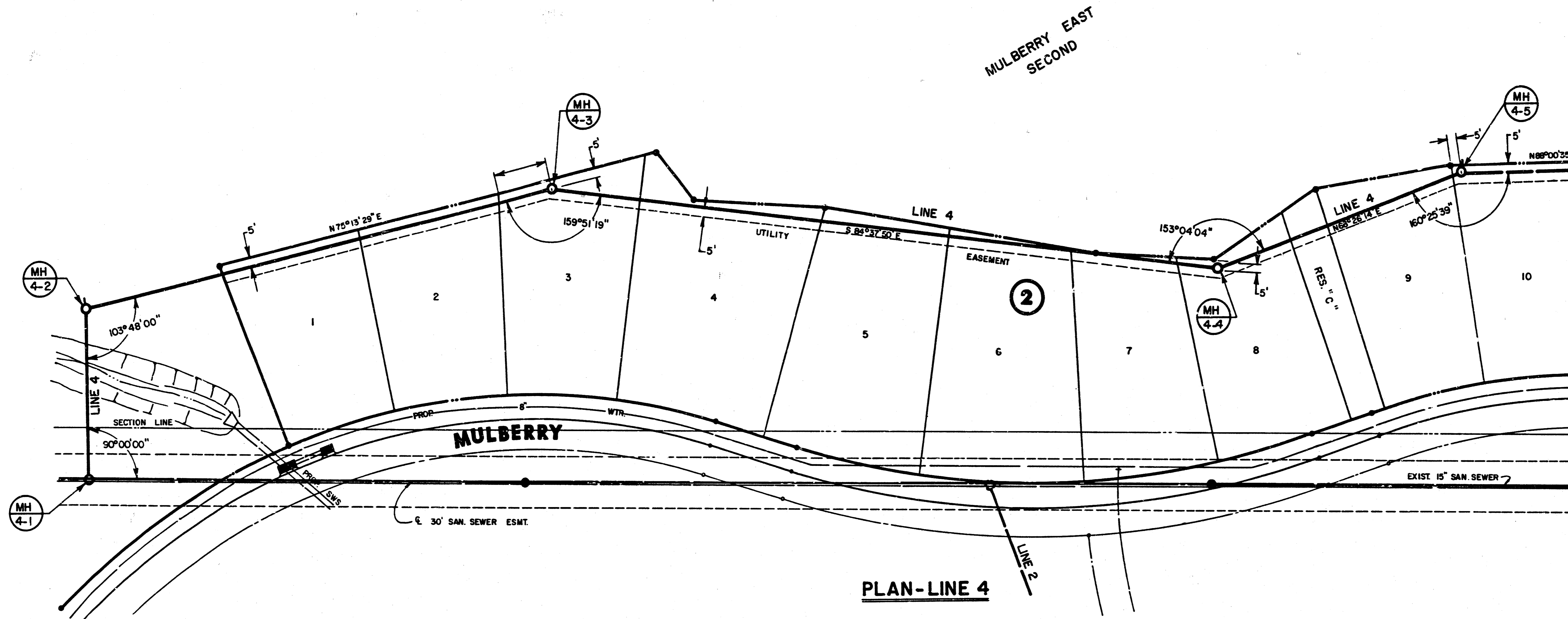


LINE 3 - SERVICE LINE HOOK UP

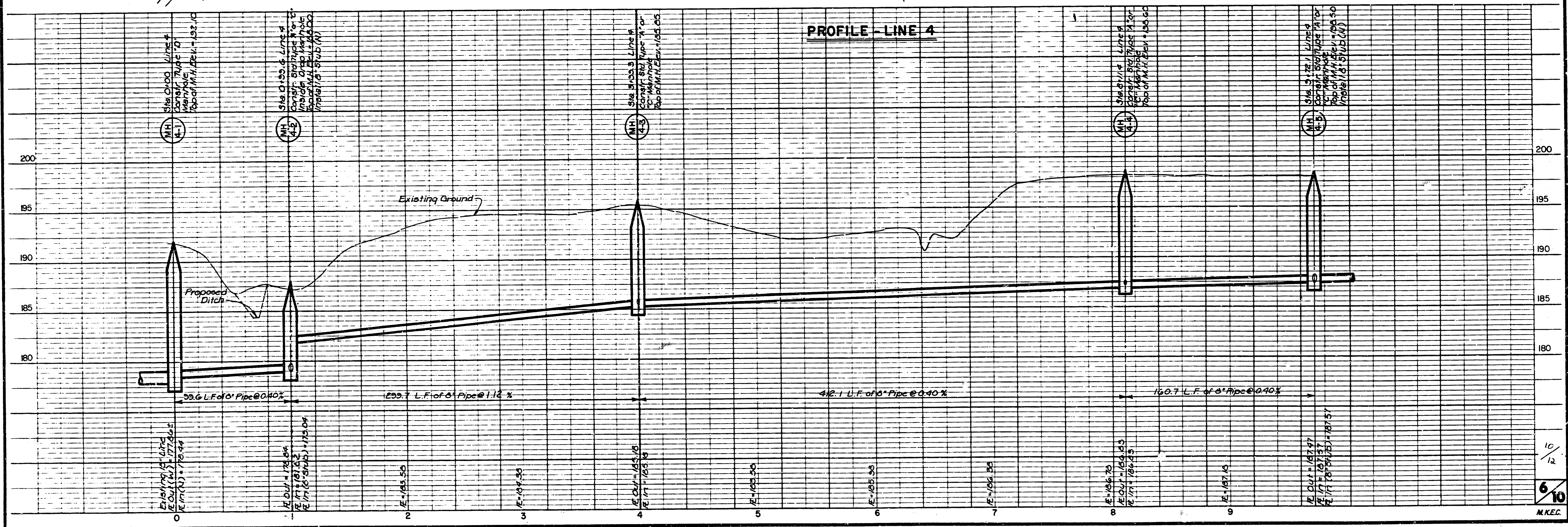
Service Line No.	Service Line Sta.	Service Line Length	Service Lots	Service Block	Flowline Instream	Flowline Downstream	Clean-out Elevation
3-1	8 + 48.4	58.0'	11, 12	3	195.83	194.84	204.77

PROFILE - LINE 3 & LINE 3A





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 1" = 5' Vert.

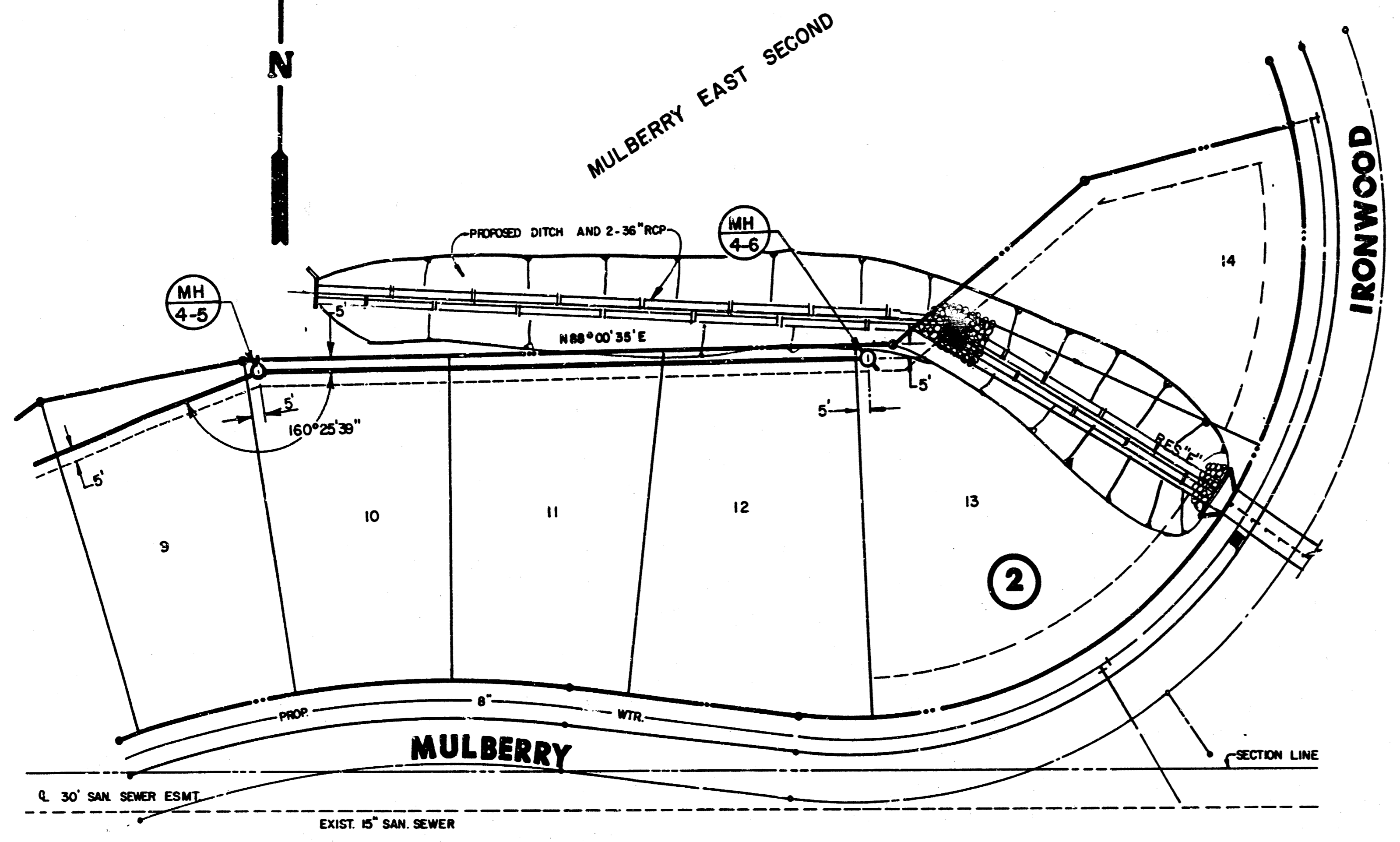


10/12
 6/10
 M.K.E.C.

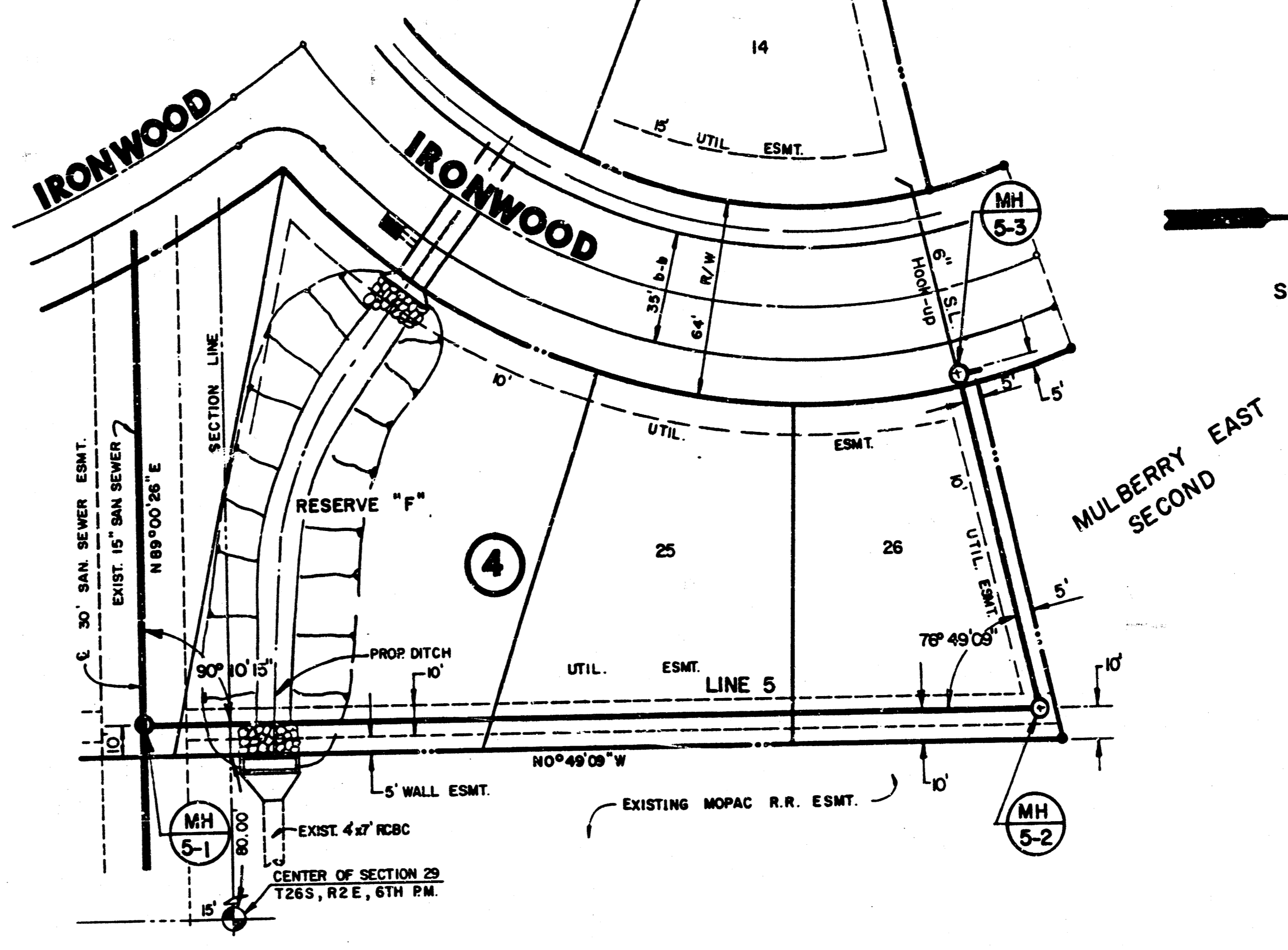
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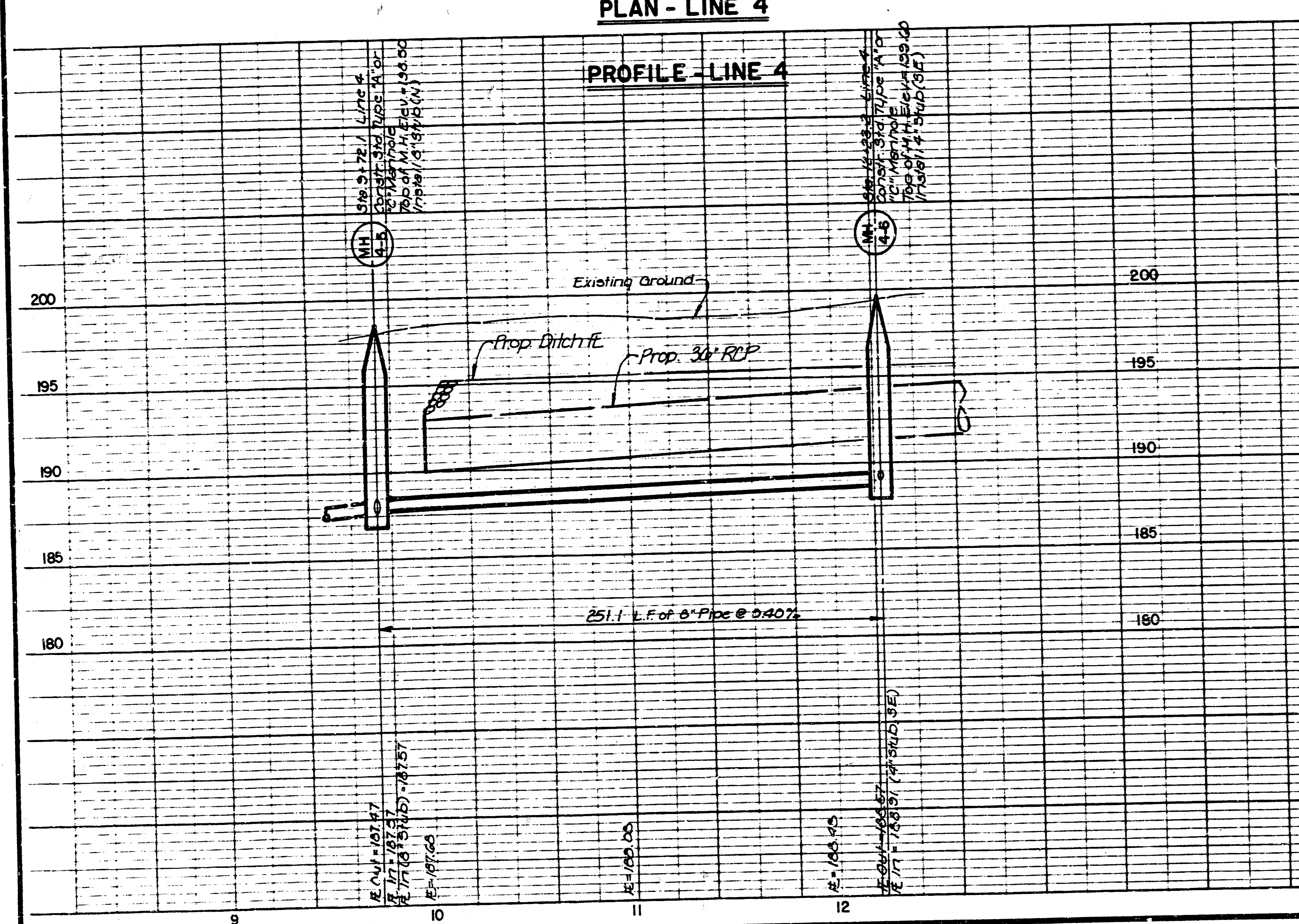


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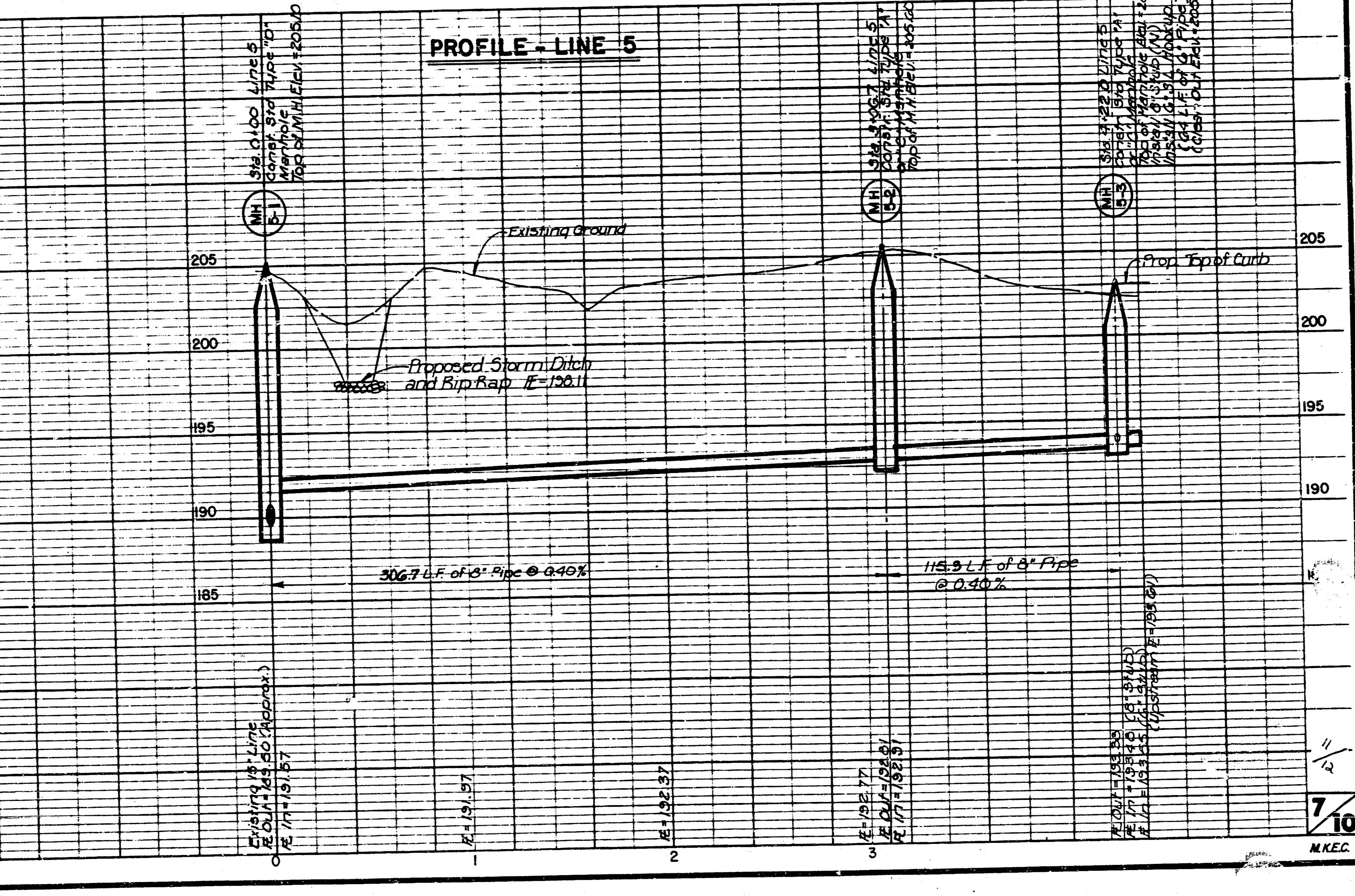


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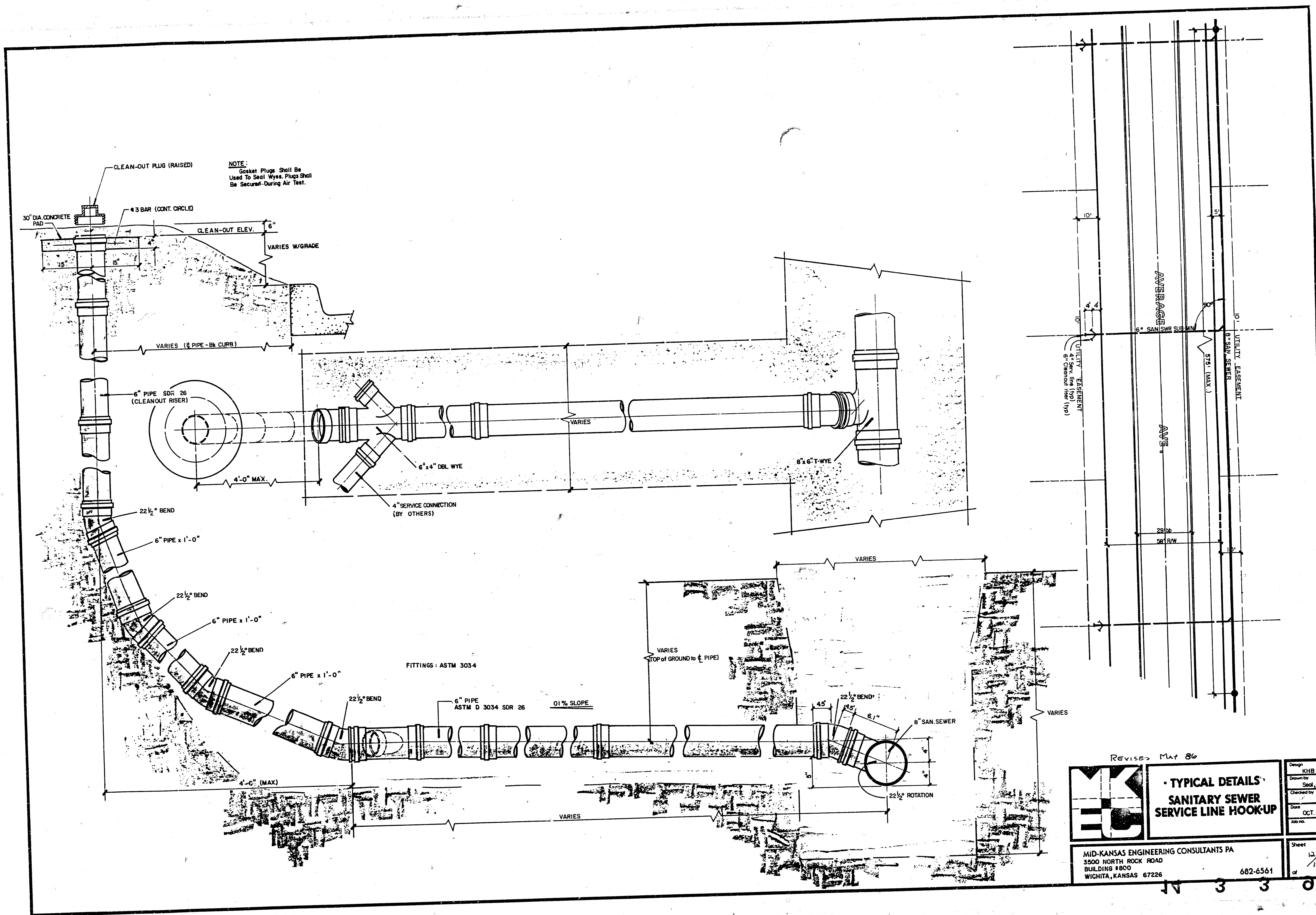
PROFILE - LINE 4



PROFILE - LINE 5



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Revised Mar 86

	TYPICAL DETAILS SANITARY SEWER SERVICE LINE HOOK-UP		Design: KHB Drawn by: Sed, J. Checked by: Date: OCT. 85 Job no.:
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226		Sheet: 12/12 of: 12
	682-6561		14 3 3 0
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