

SITE IMPROVEMENTS FOR

TALLGRASS PLAZA

PRIVATE SANITARY & STORM SEWER EXTENSION
TO SERVE DILLONS AT TALLGRASS, 2244 N. ROCK ROAD COURT

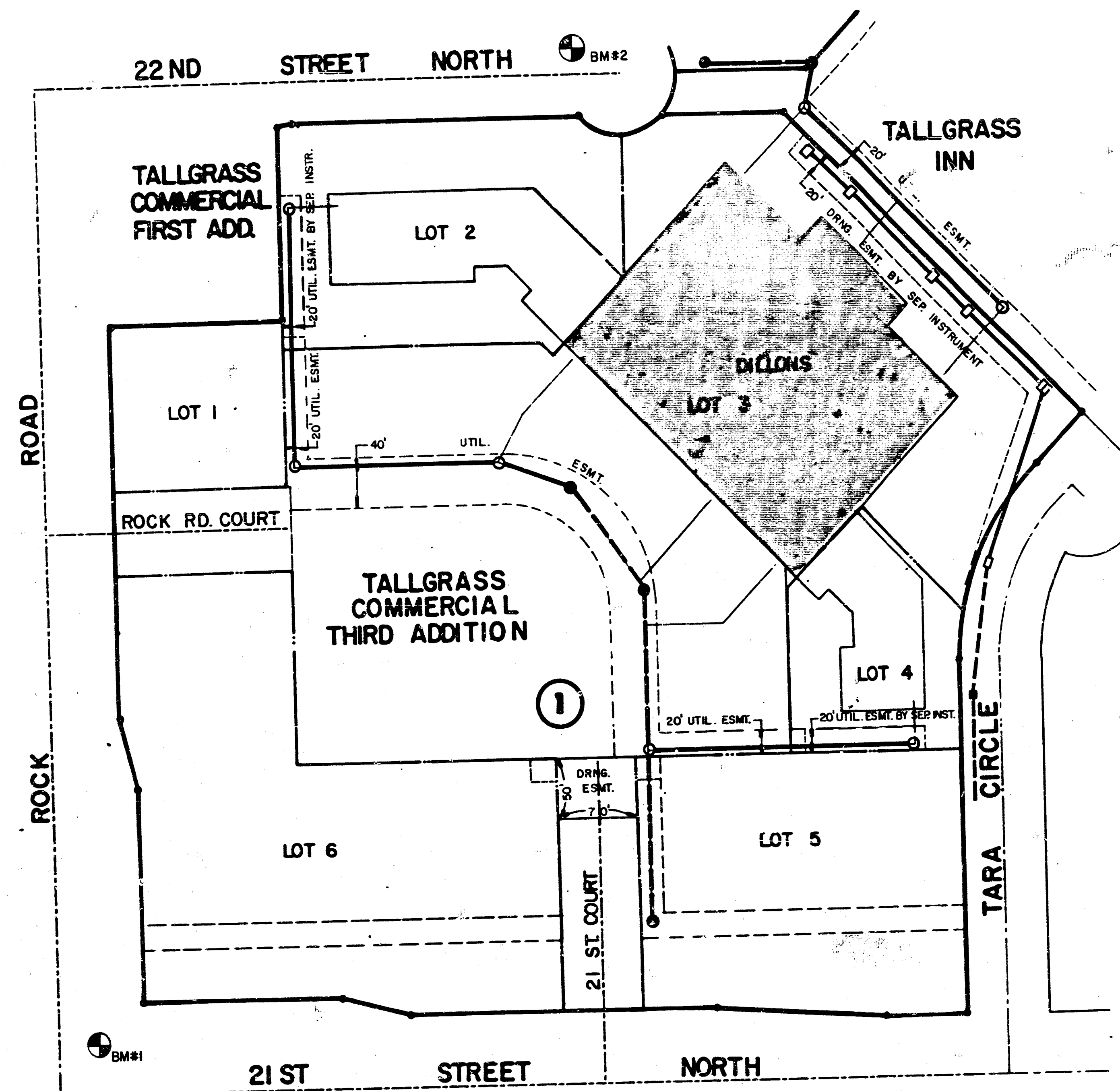
PROJ. NO. 468-76-245-80001-000-000-054

FEBRUARY 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. CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
3. 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.
4. CONTRACTOR SHALL NOTIFY THE FOLLOWING COMPANIES PRIOR TO EXCAVATION:

ARELA GAS COMPANY	942-8350
BELL TELEPHONE	1-315-268-2256
CABLEVISION	262-0661
GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	261-6248
KANSAS ONE-CALL	1-800-344-7233
5. ALL WORK TO BE DONE ACCORDING TO CITY OF WICHITA SPECIFICATIONS.



N
SCALE: 1" = 80'

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers *DOB 3/5/86*
Storm Sewers *DOB 3/5/86*
Driveway Approaches _____
Water Mains _____
Paving _____

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 costs of plan review, inspection and booking per contract.

BENCH MARKS

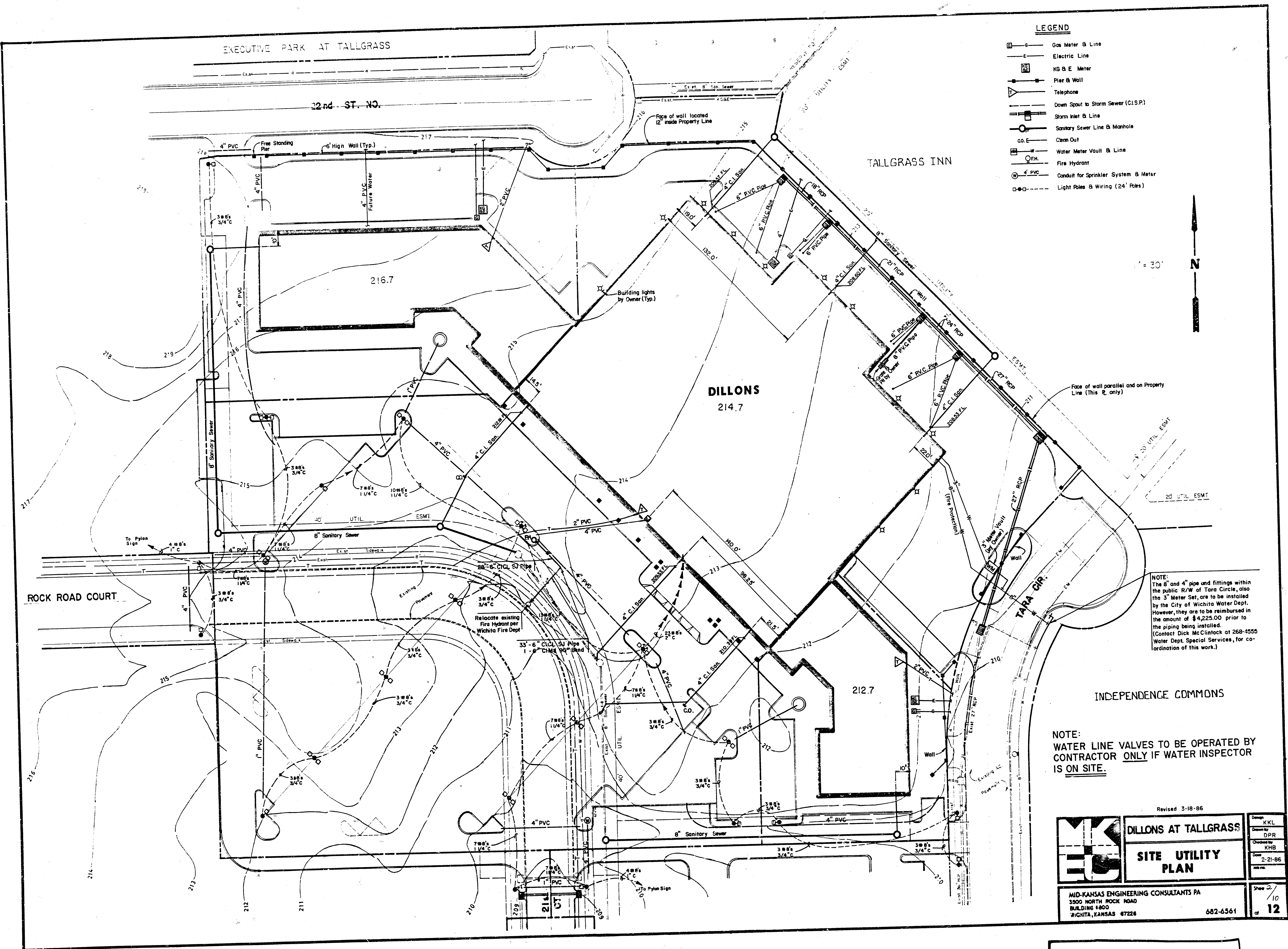
- BM #1 Rock Road & 21st Street North
City of Wichita Bench Mark Disc, 45' north
and 48' east of centerline both
Elev. = 214.57
- BM #2 "X" cut on top of north curb south of fire
hydrant at east end of 22nd Street North,
Elev. = 215.83

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
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4	SANITARY SEWER PLAN & PROFILE
5	SANITARY SEWER PLAN & PROFILE
6	STORM SEWER PLAN & PROFILE
7	STORM SEWER INLET DETAIL
8	STANDARD CURB INLET DETAIL
9	SITE PAVING PLAN
10	SITE DIMENSION & STRIPING PLAN
11	PAVING DETAILS
12	INTERSECTION DETAILS

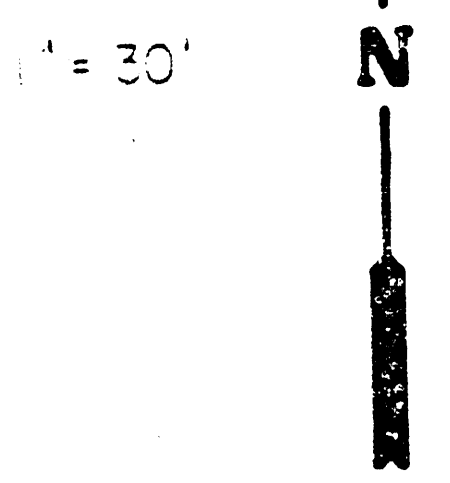
	DILLONS AT TALLGRASS		Drawn by KKL
	COVER SHEET		Checked by DPR
			Checked by KHB/DS
			Date 2-21-86
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226			Sheet 1 of 10

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LEGEND

- Gas Meter & Line
- Electric Line
- KG & E Meter
- Pier & Wall
- Telephone
- Down Spout to Storm Sewer (C.I.S.P.)
- Storm Inlet & Line
- Sanitary Sewer Line & Manhole
- Clean Out
- Water Meter Vault & Line
- Fire Hydrant
- Conduit for Sprinkler System & Meter
- Light Poles & Wiring (24' Poles)



1" = 30'

NOTE:
The 8" and 4" pipe and fittings within the public R/W of Tara Circle, also the 3" Meter Set, are to be installed by the City of Wichita Water Dept. However, they are to be reimbursed in the amount of \$4,225.00 prior to the piping being installed. (Contact Dick McClintock at 268-4555 Water Dept. Special Services, for coordination of this work.)

NOTE:
WATER LINE VALVES TO BE OPERATED BY CONTRACTOR ONLY IF WATER INSPECTOR IS ON SITE.

Revised 3-18-86



DILLONS AT TALLGRASS

SITE UTILITY PLAN

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

682-6561

Checked by KKL
Designed by DPR
Checked by KHB
Date 2-21-86
Job no.

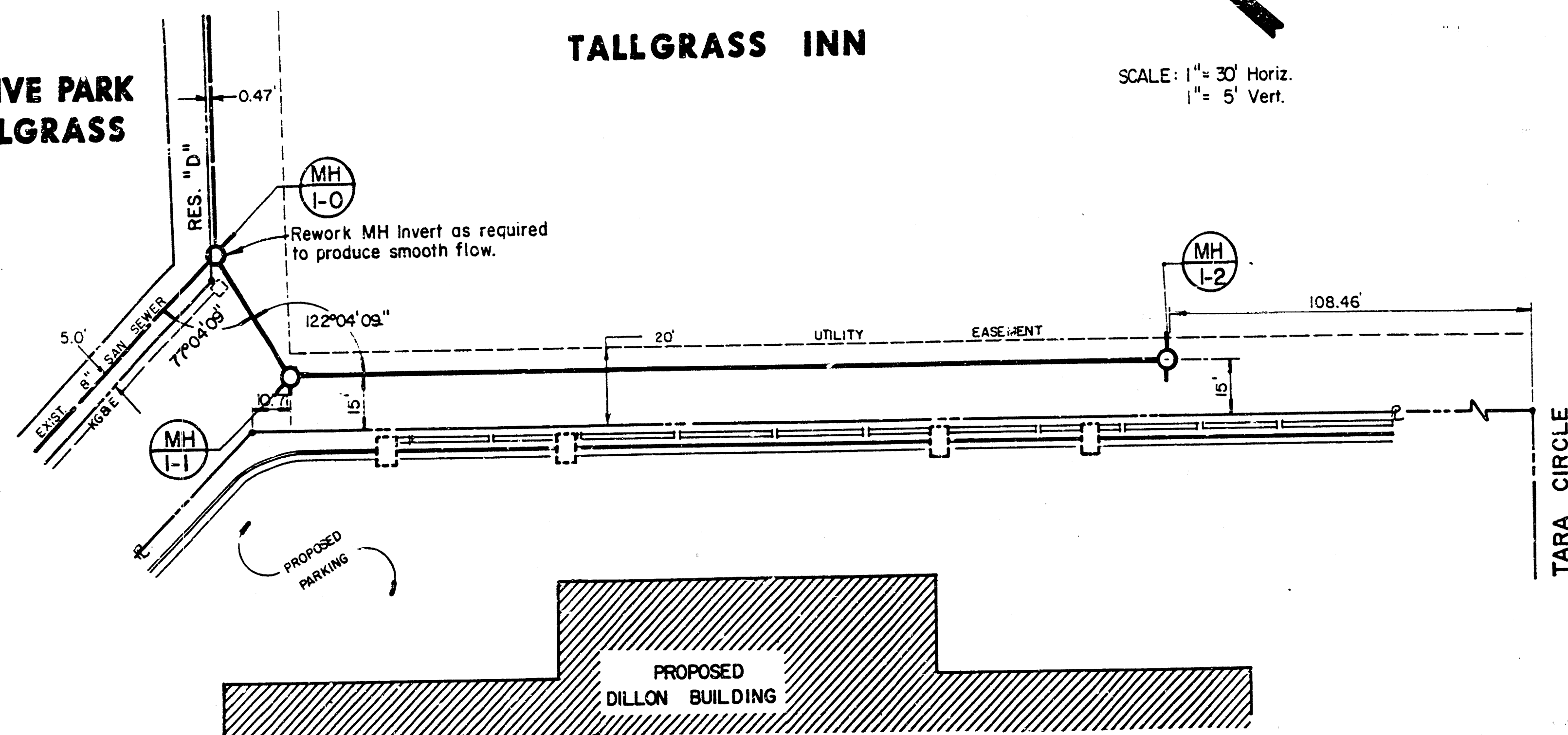
Sheet 2/10
of 12

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EXECUTIVE PARK
AT TALLGRASS

LOT 1 BLOCK 1
TALLGRASS INN

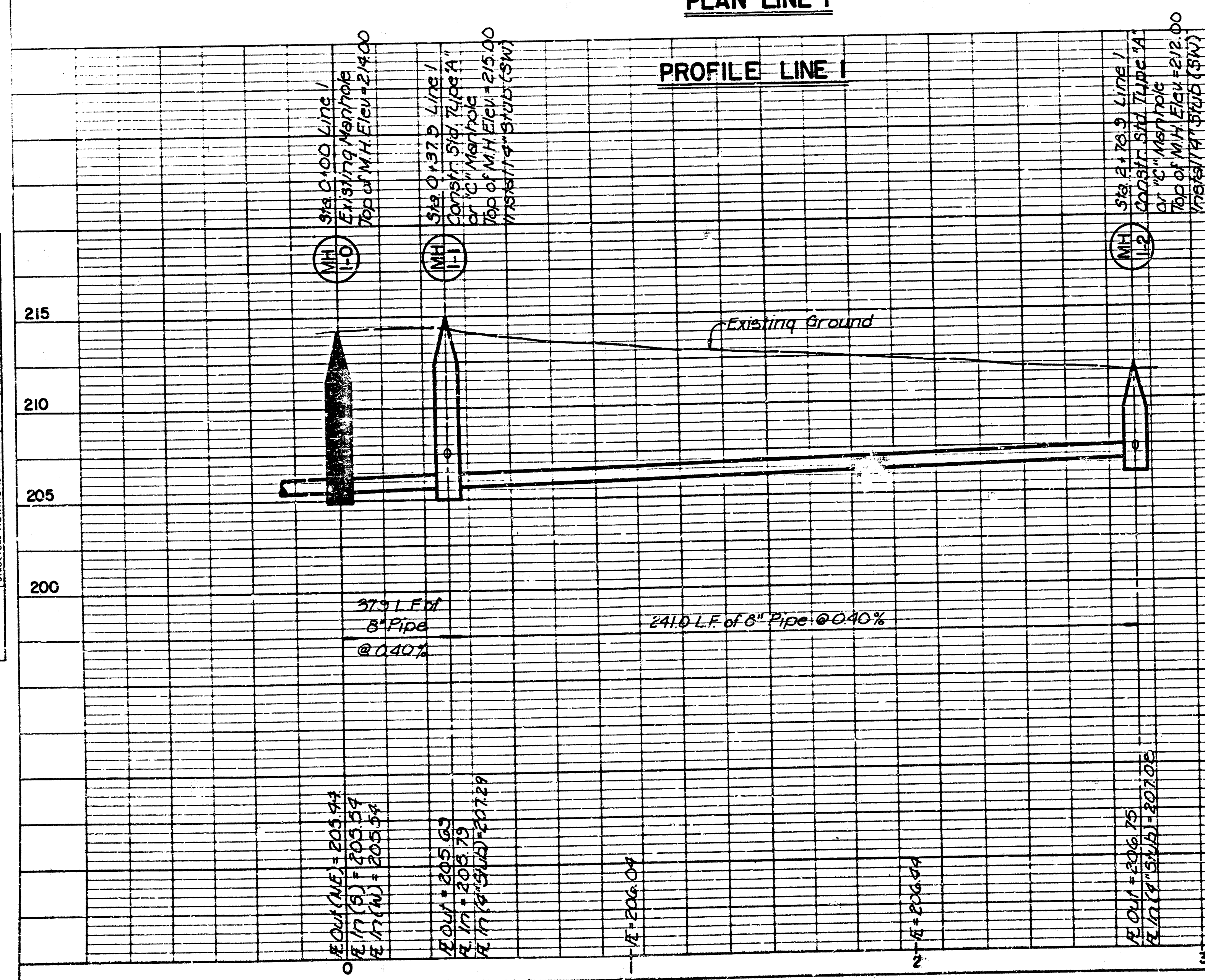
SCALE: 1" = 30' Horiz.
1" = 5' Vert.



LOT 3 BLOCK 1
TALLGRASS COMMERCIAL
THIRD ADDITION

PLAN LINE 1

PROFILE LINE 1

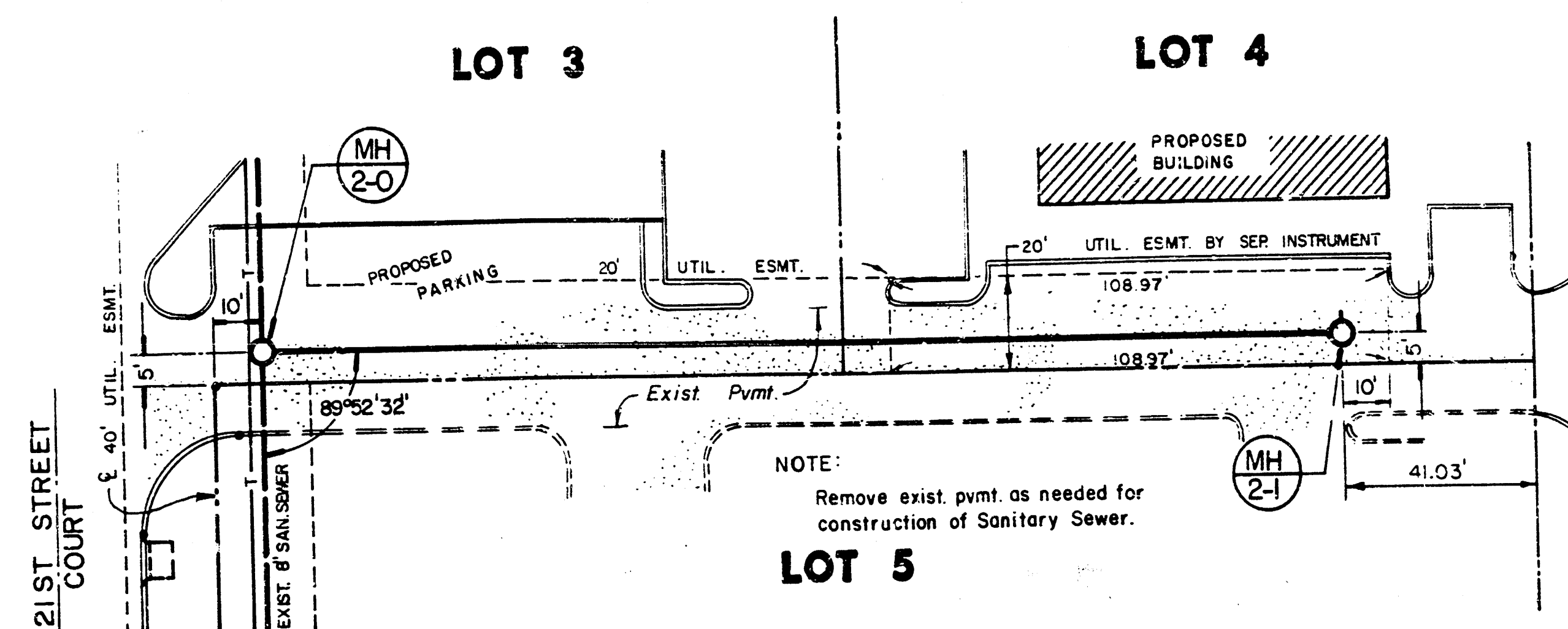


TALLGRASS COMMERCIAL THIRD ADDITION

LOT 3

LOT 4

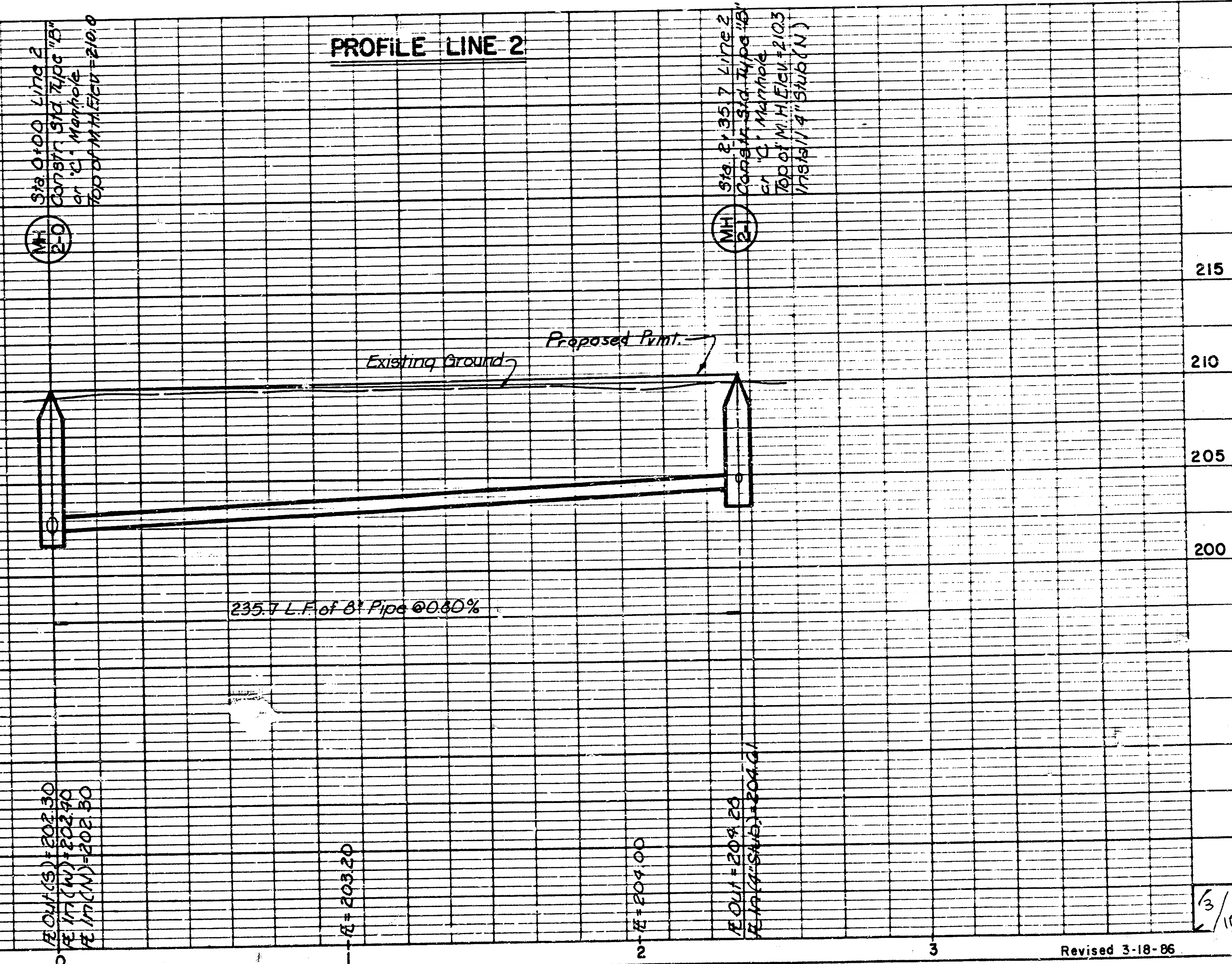
SCALE: 1" = 30' Horiz.
1" = 5' Vert.



LOT 5

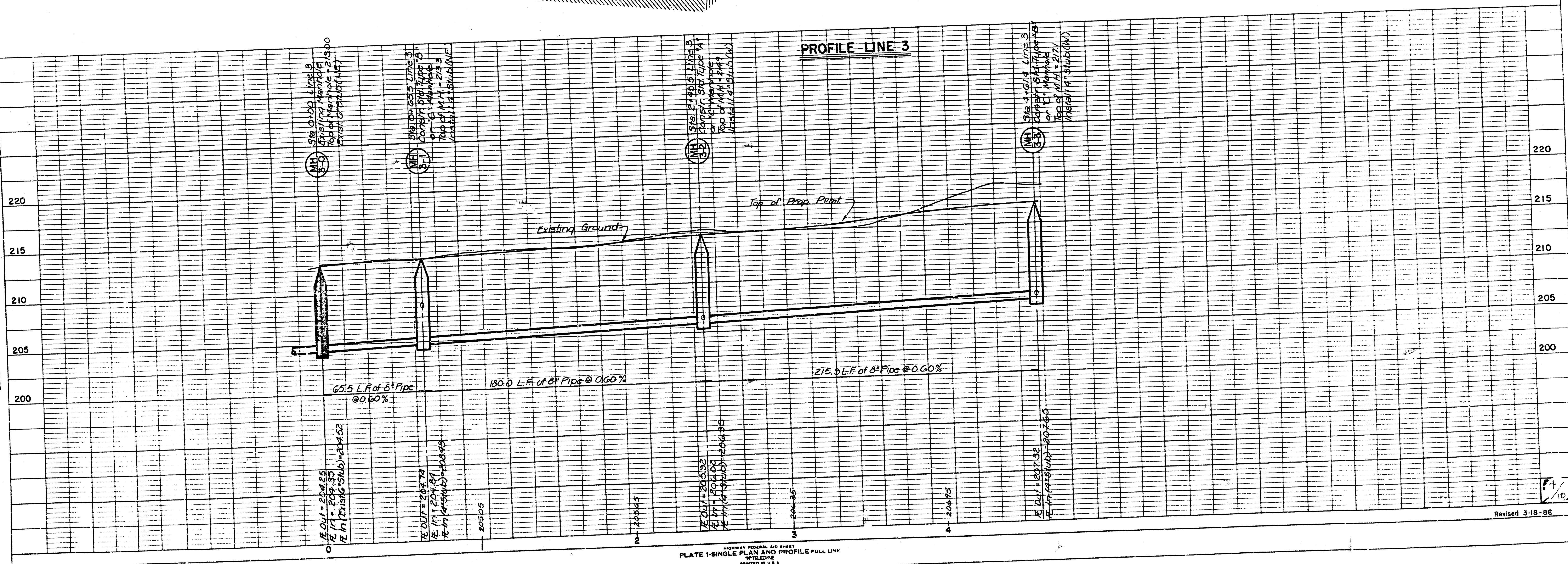
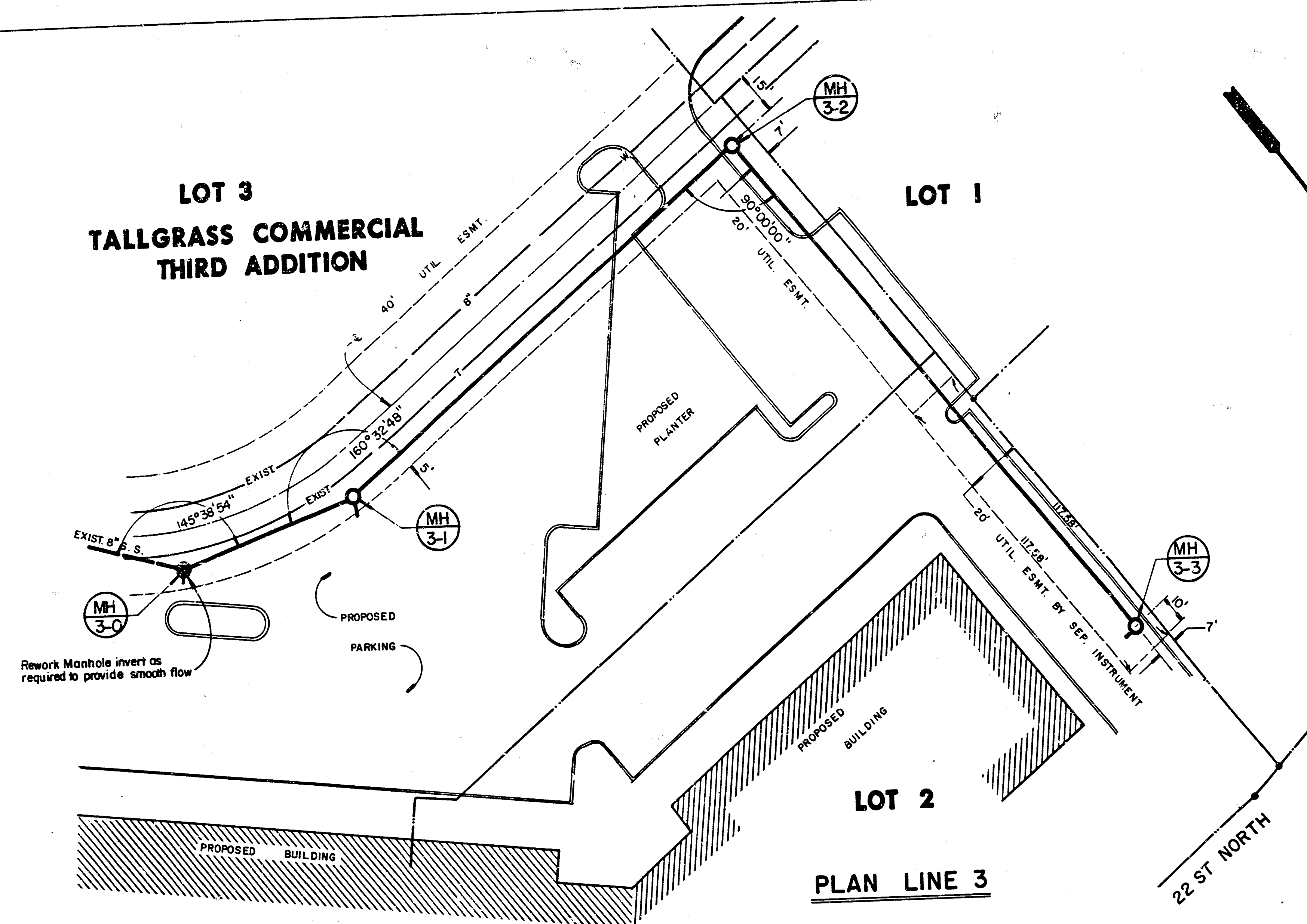
PLAN LINE 2

PROFILE LINE 2



PLAN
SURVEYED
NOTED BOOK
BY
DATE

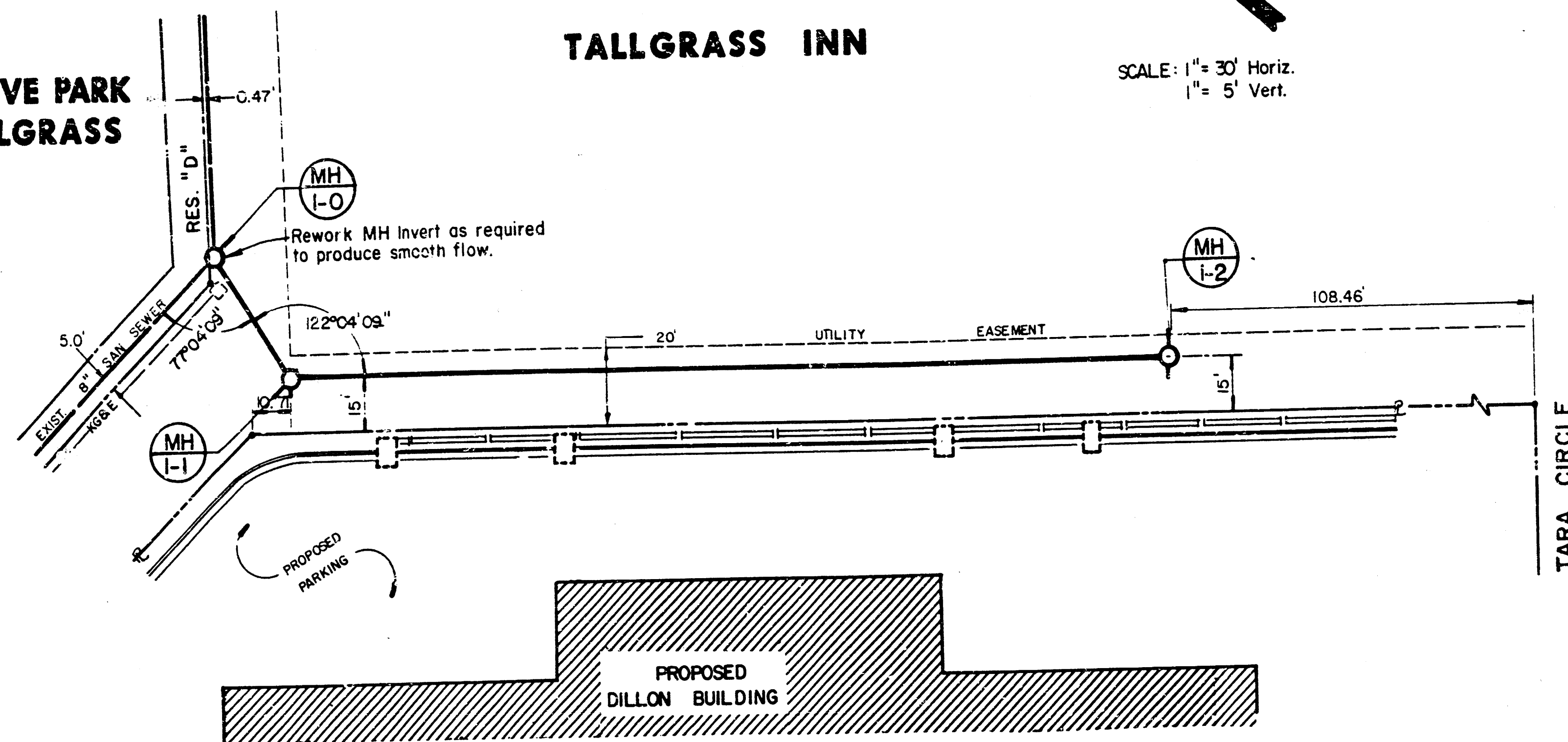
PROFILE
SURVEYED
NOTED BOOK
BY
DATE



EXECUTIVE PARK
AT TALLGRASS

LOT 1 BLOCK 1
TALLGRASS INN

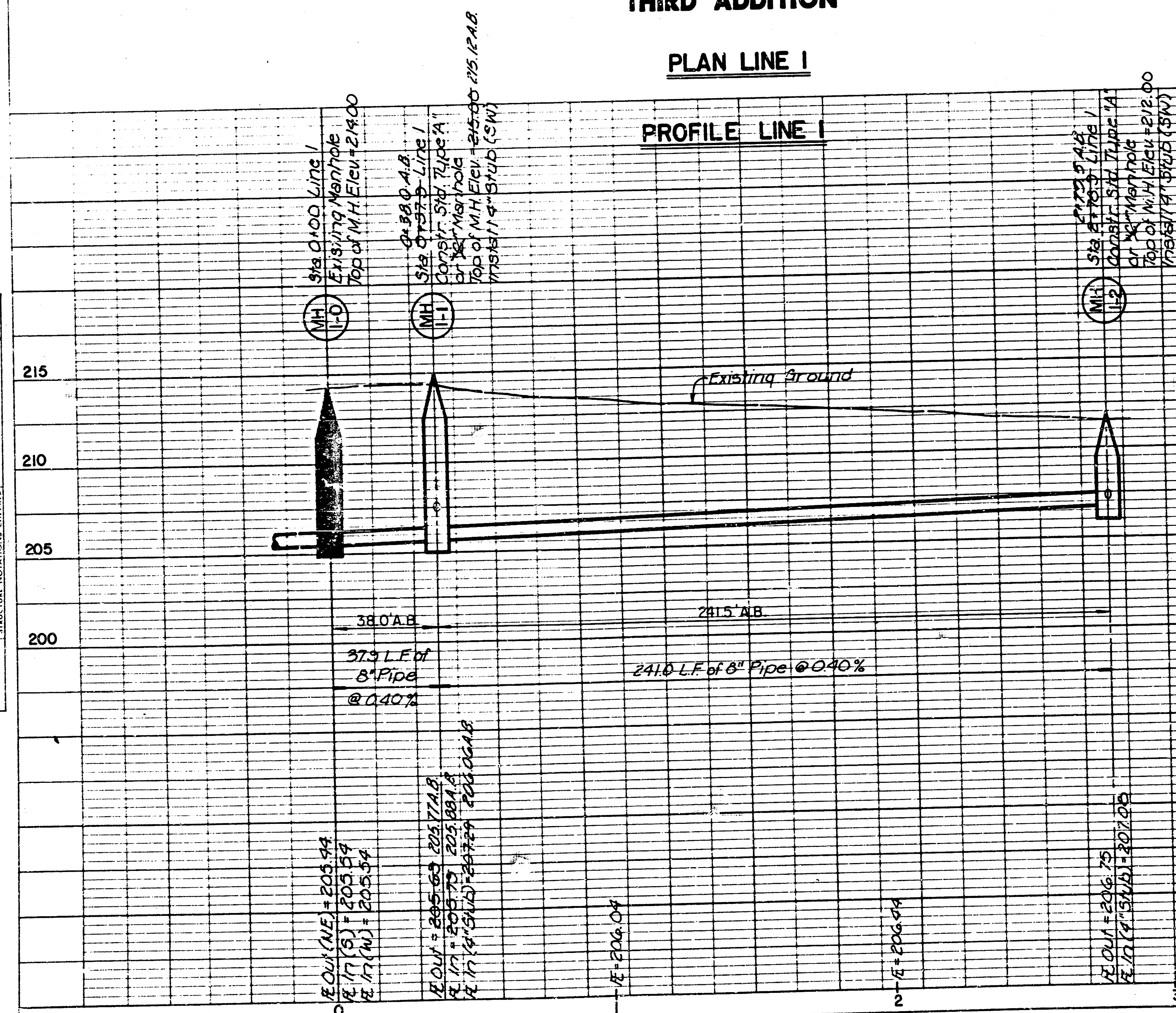
SCALE: 1" = 30' Horiz.
1" = 5' Vert.



LOT 3 BLOCK 1
TALLGRASS COMMERCIAL
THIRD ADDITION

PLAN LINE 1

PROFILE LINE 1

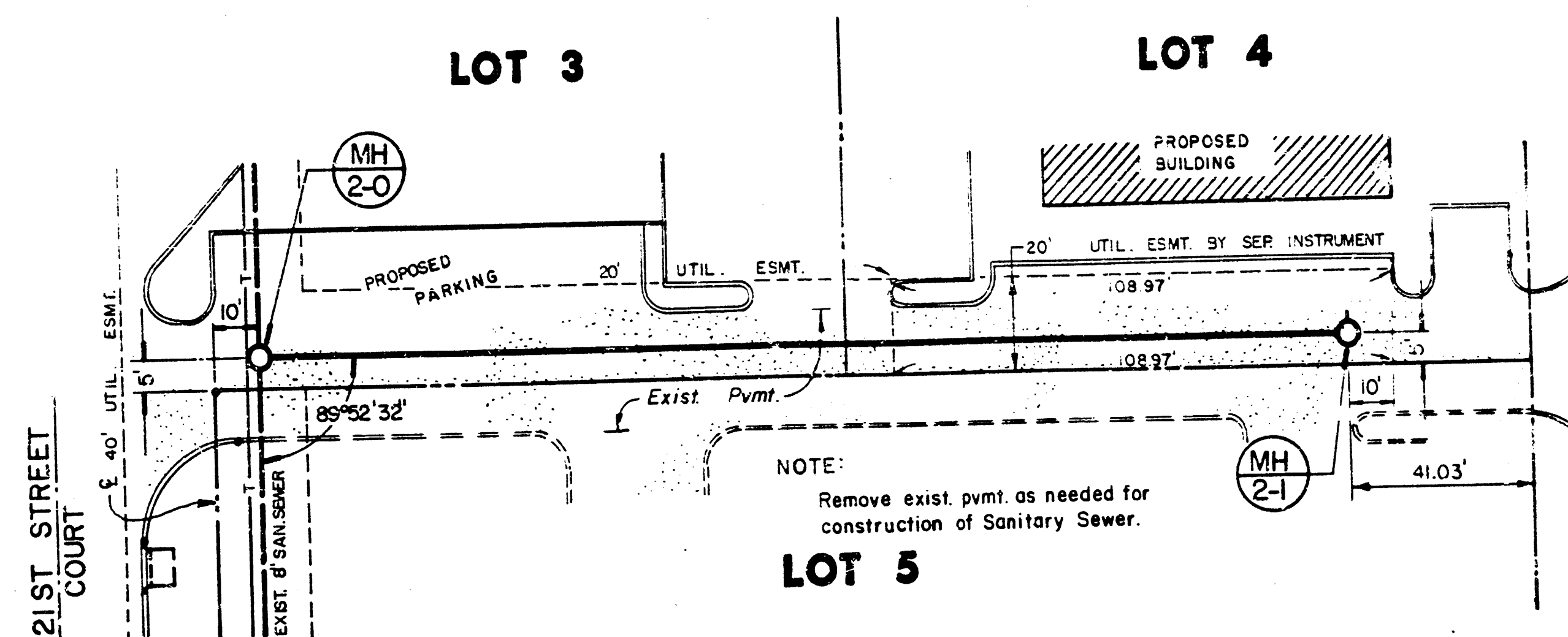


TALLGRASS COMMERCIAL THIRD ADDITION

LOT 3

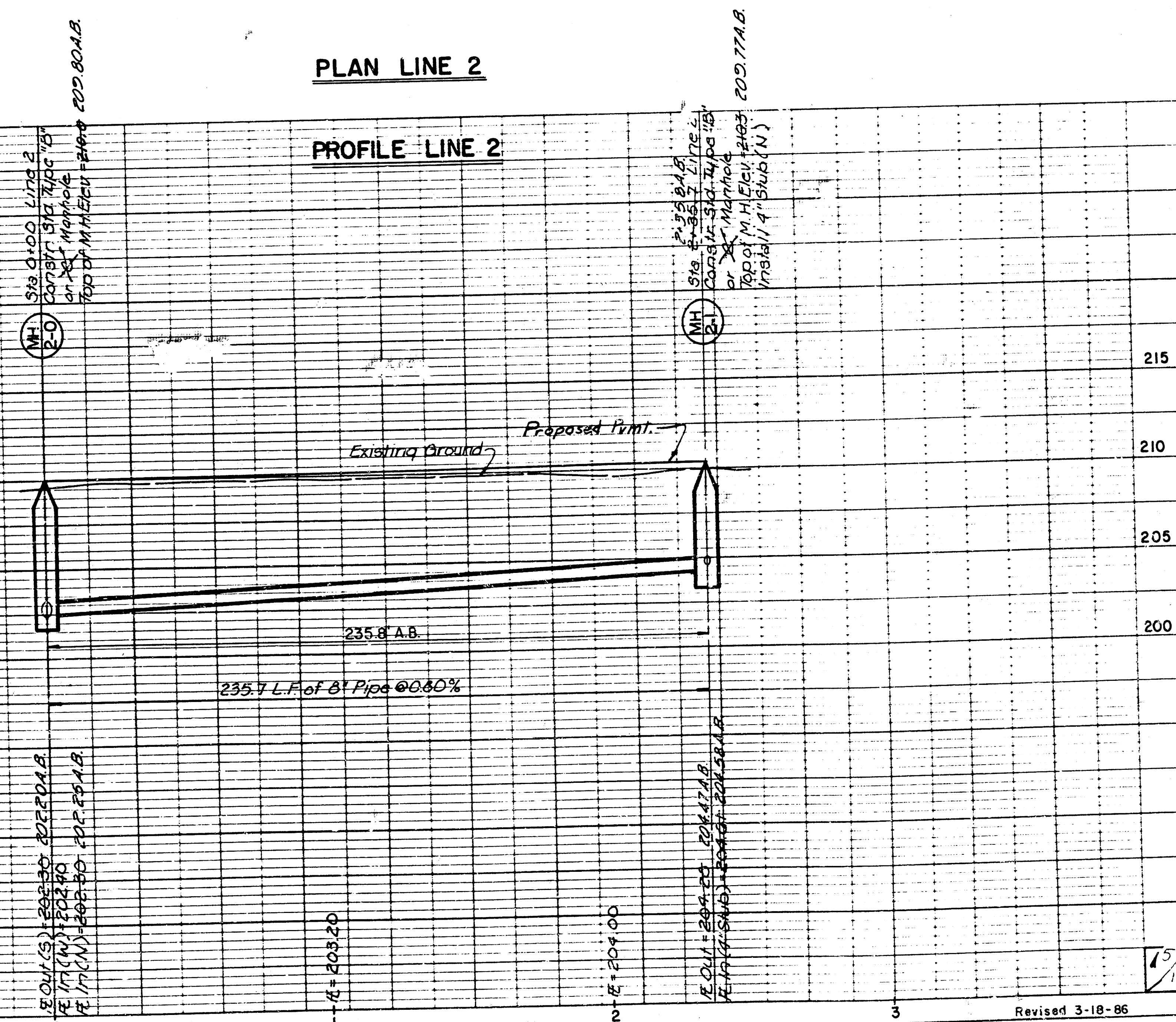
LOT 4

SCALE: 1" = 30' Horiz.
1" = 5' Vert.



PLAN LINE 2

PROFILE LINE 2

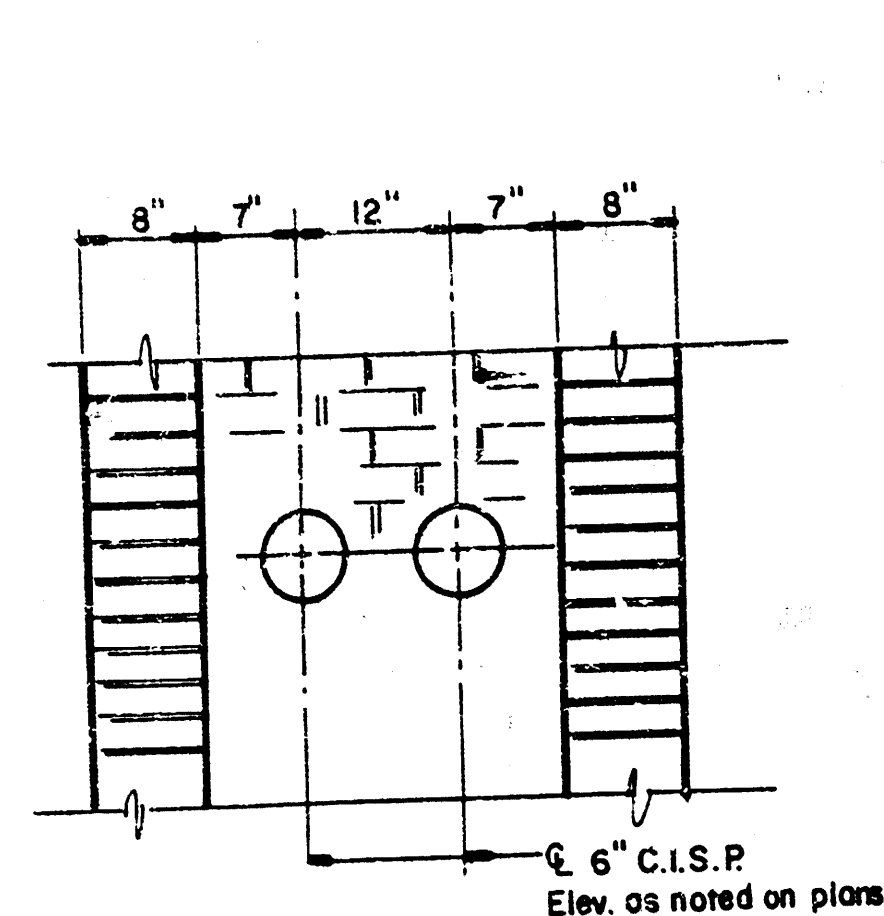


LEGEND
A.B. - As Built

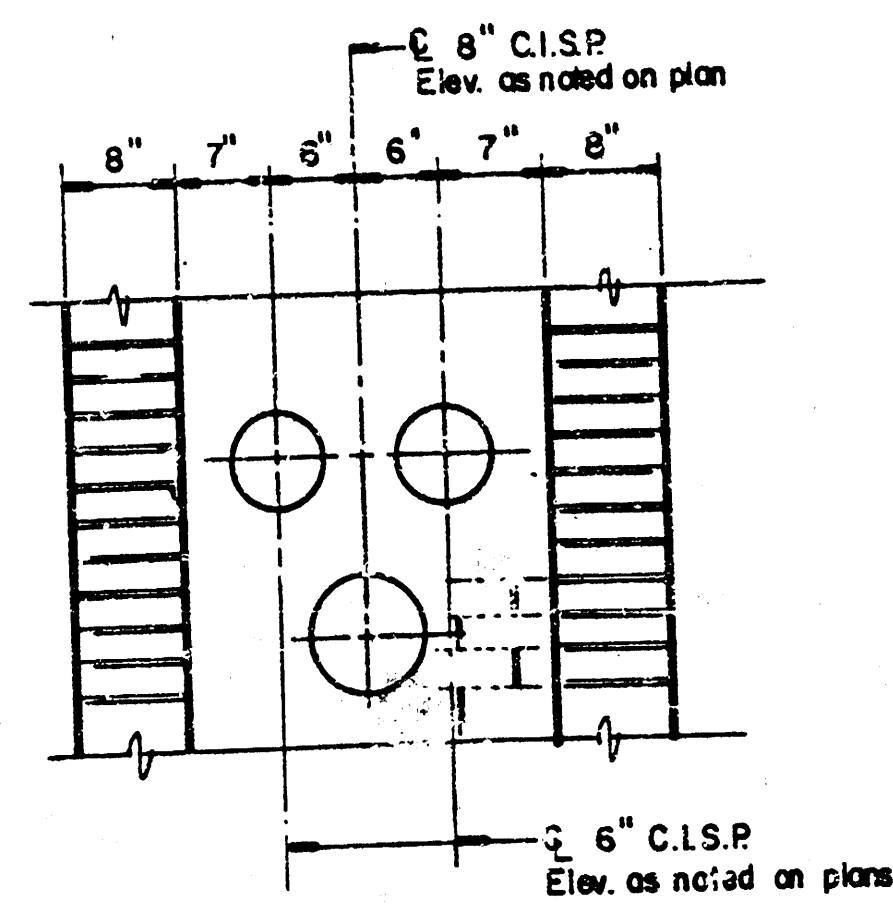
As Built
Feb., 1987

PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
PRINTED IN U.S.A.

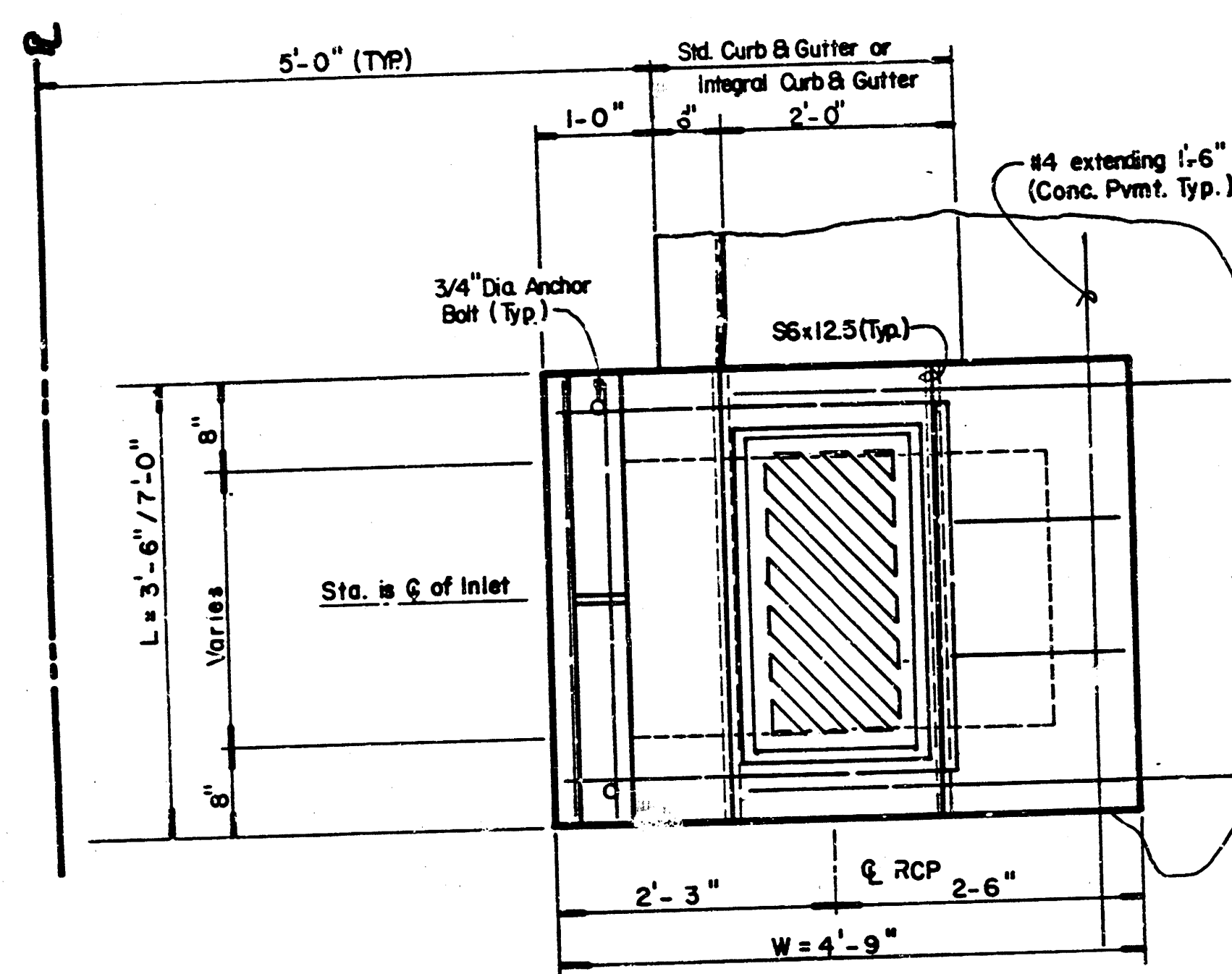
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ELEVATION VIEW
Cast Iron Soil Pipe at Inlet (Typ.)

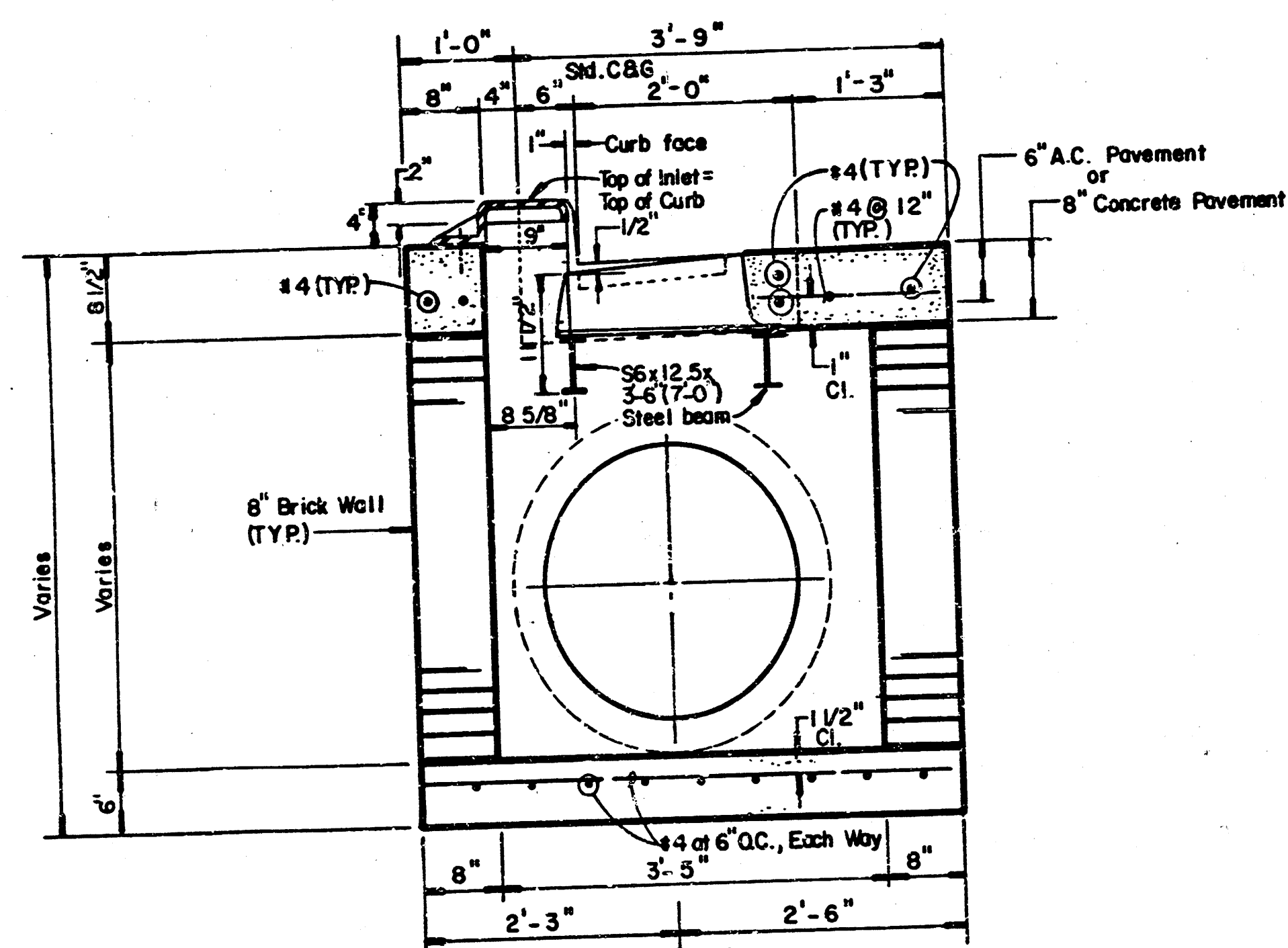


ELEVATION VIEW
Cast Iron Soil Pipe at Inlet - Sta. 2+83.8

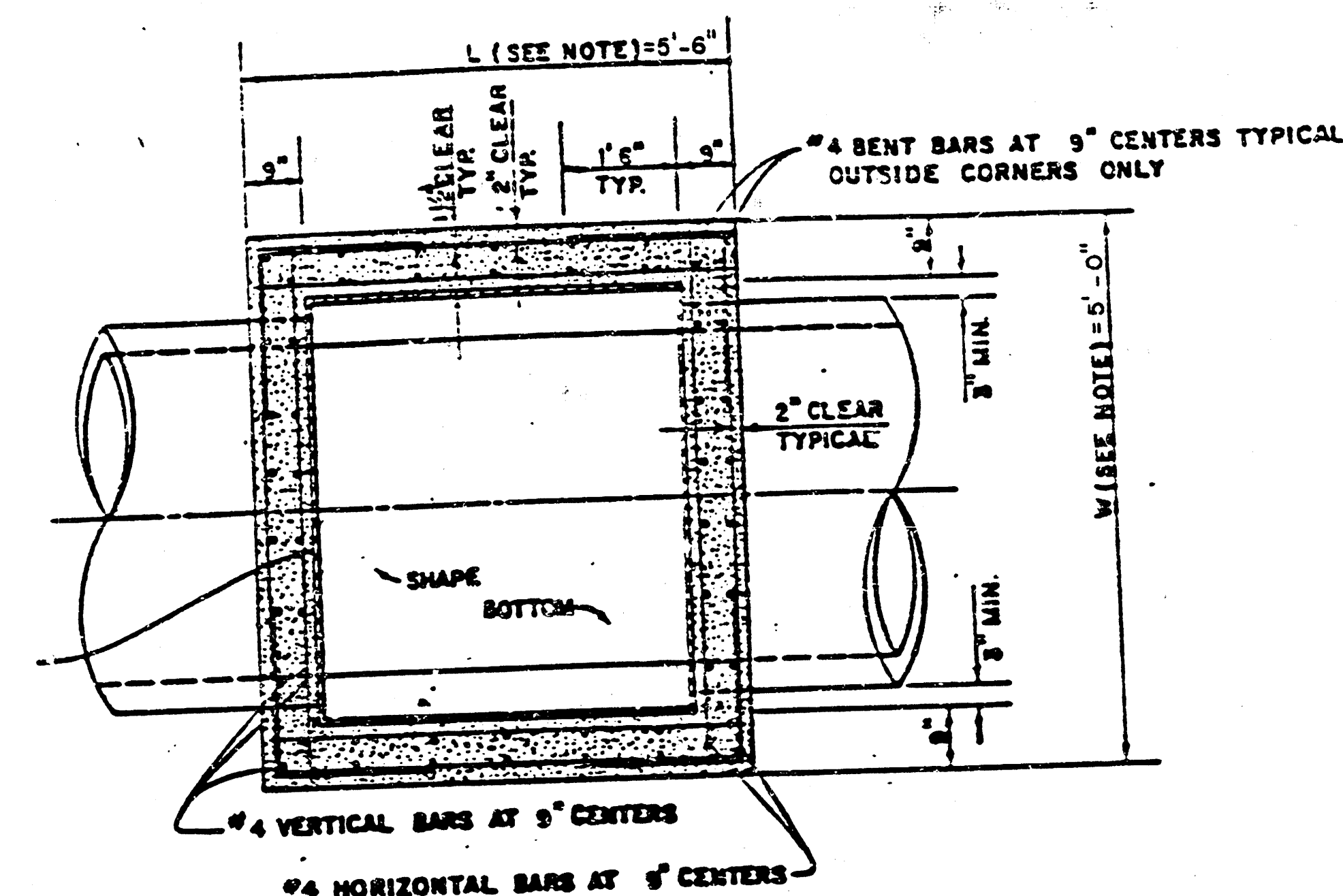


TOP VIEW

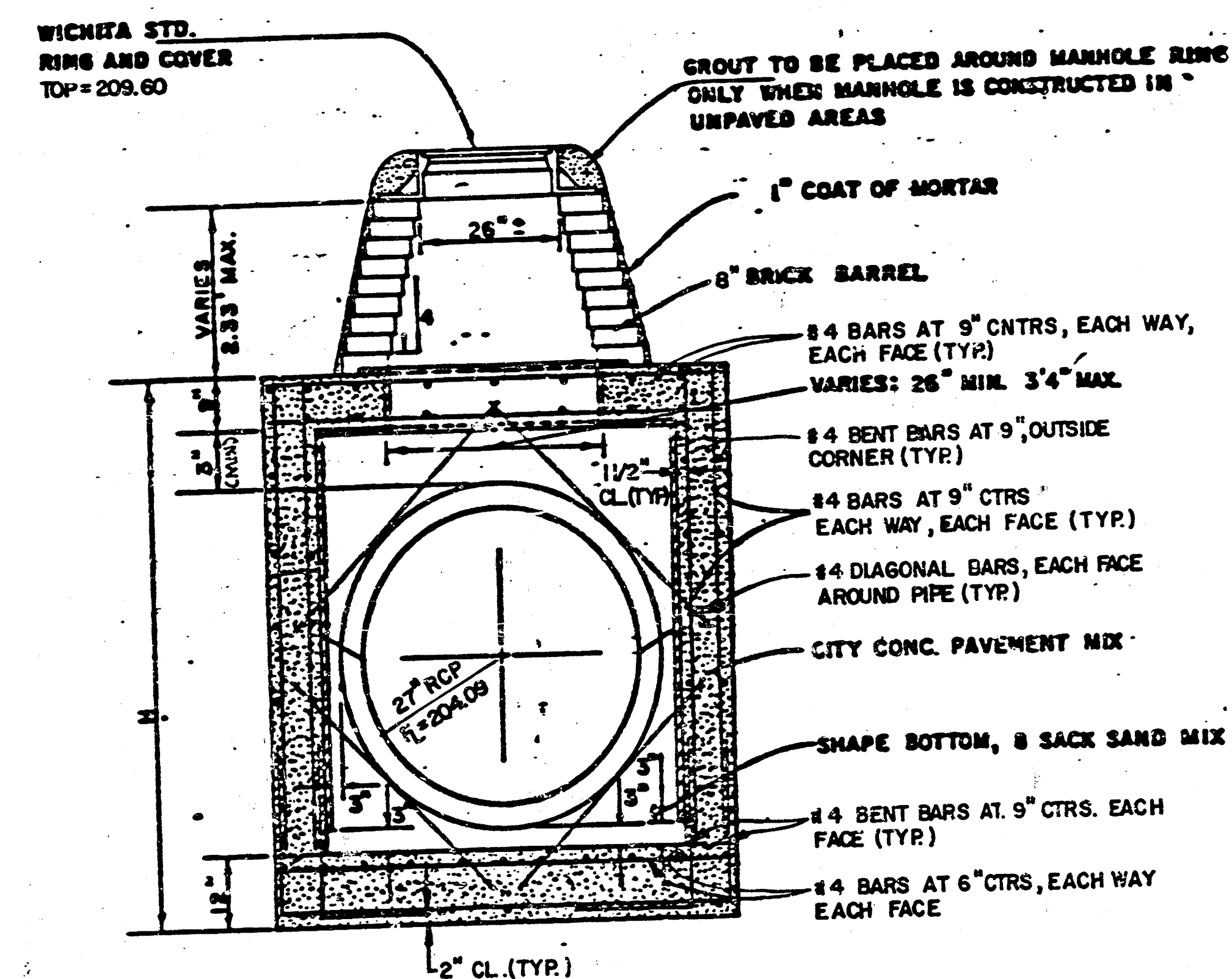
NOTE: Use Neenah R-3289-C Single Inlet Frame, Grate, and Curb Plate or Neenah R-3288-E Double Inlet Frame w/Two piece Grate and Curb Plate
Grout pad under Curb Plate to ensure Top of Inlet Casting = Top of Curb



SPECIAL CURB INLET



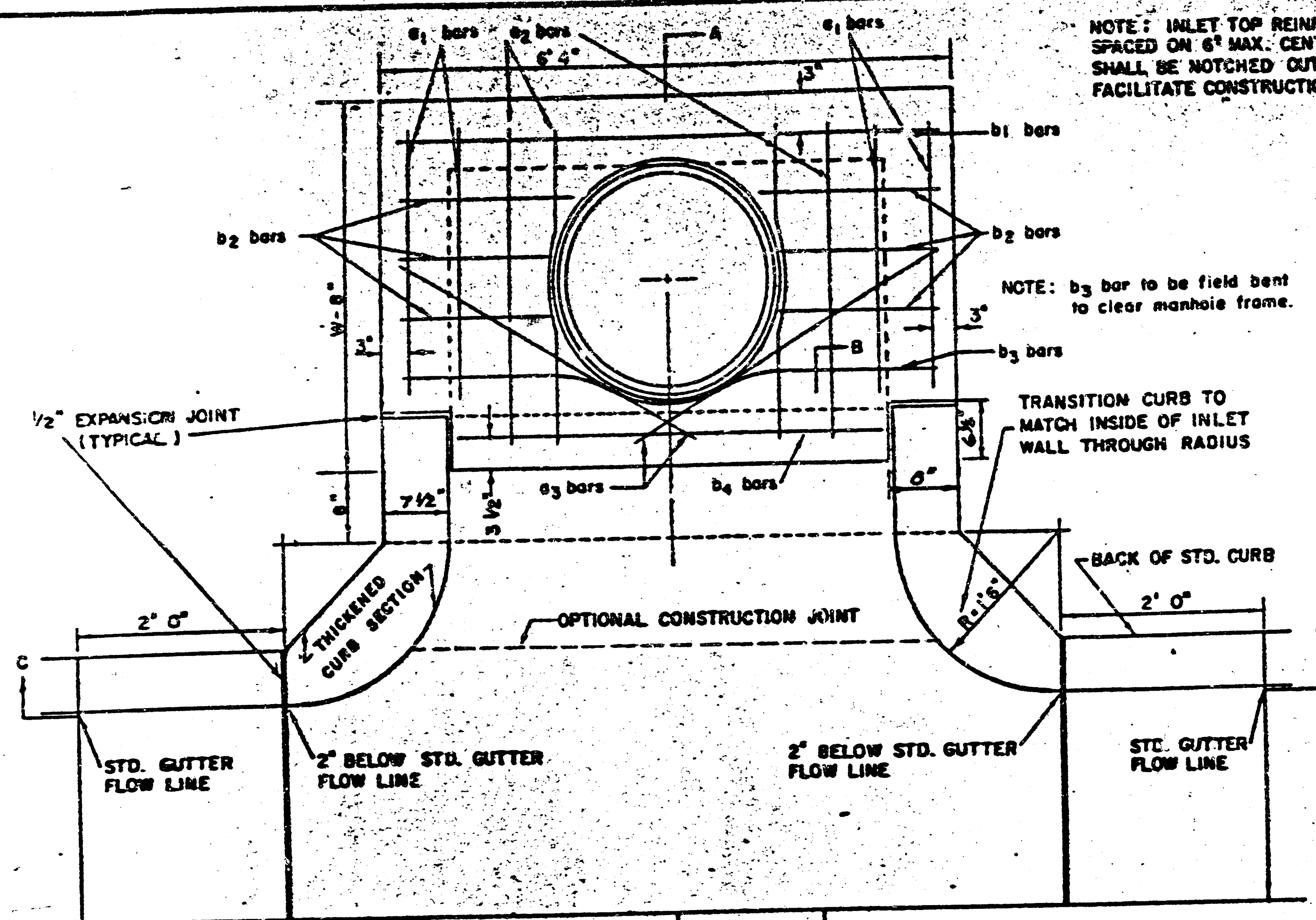
TOP VIEW



REINFORCED CONCRETE MANHOLE
STA. 0+00 Line 1

	DILLONS AT TALLGRASS		Design: FBN
	STORM SEWER INLET DETAILS		Drawn by: DPR
			Checked by: KHB
			Date: 2-21-86
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226			Sheet 8 of 12 682-6561

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NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT

PLAN

STEEL SCHEDULE											
BAR	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	b ₅	b ₆	b ₇	WT. LBS.
NUMBER	4	4	2	1	3	5	7	9	6	1	
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	
LENGTH	10'-4"	5'-7"	6'-7"	4'-0"	6'-1"	-	-	-	1'-5"	6'-2"	60±
	10'-5"	7'-7"	8'-7"	5'-0"	-	6'-1"	-	-	1'-5"	6'-2"	61±
	10'-6"	9'-7"	10'-7"	6'-0"	-	6'-1"	-	-	1'-5"	6'-2"	101±
	10'-7"	11'-7"	12'-7"	7'-0"	-	6'-1"	-	-	1'-5"	6'-2"	121±
	10'-8"	11'-8"	12'-8"	8'-0"	-	6'-1"	-	-	1'-5"	6'-2"	141±

* NOTE: a₃ BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

BENDING DIAGRAM

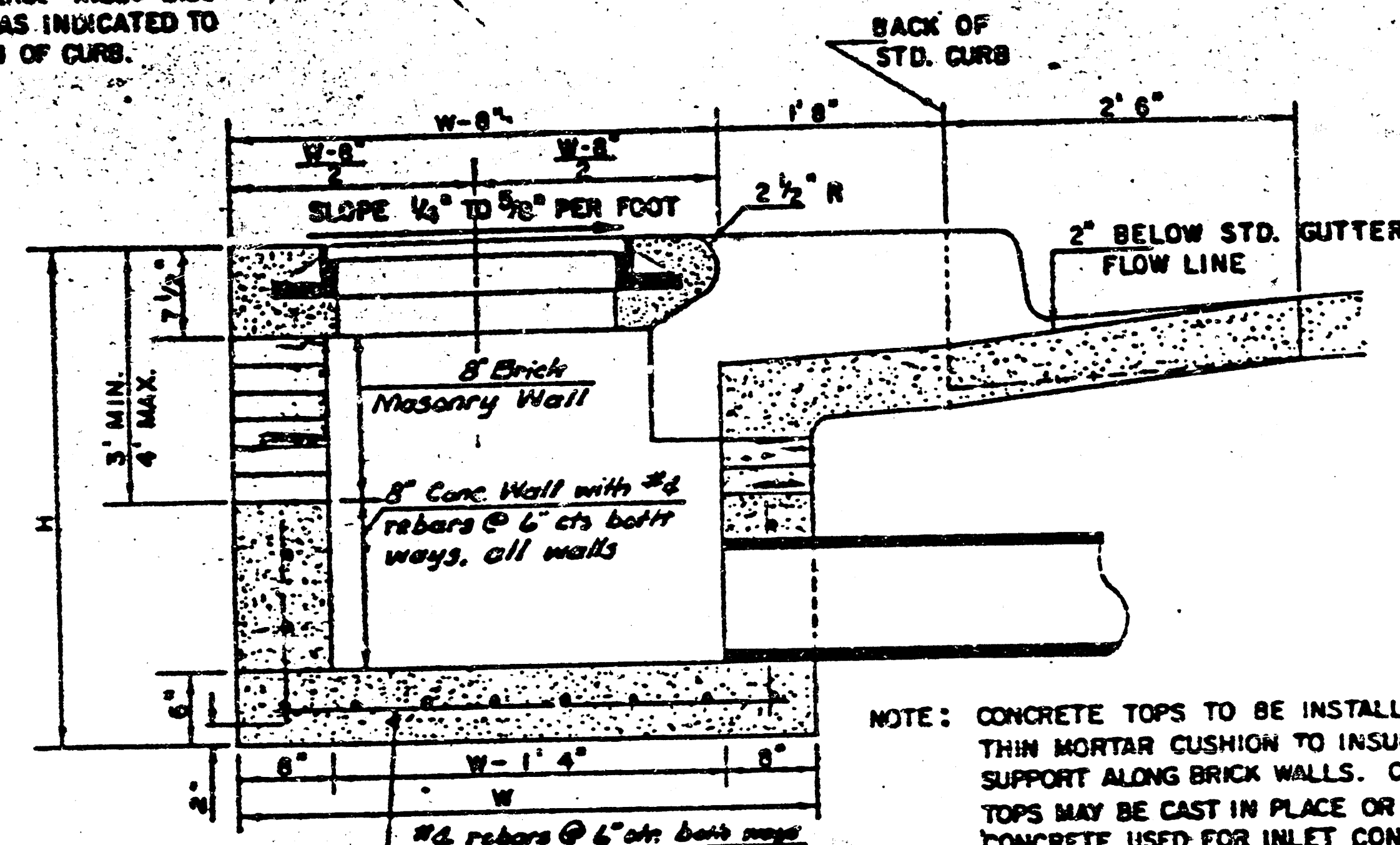
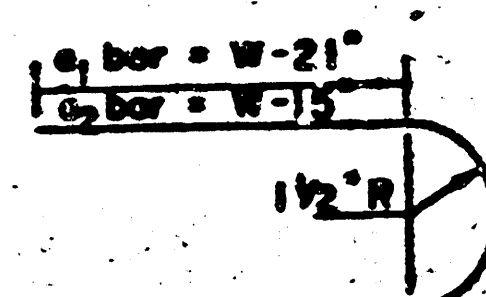
STANDARD CURB INLET PRECAST TOPS			
W	PRECAST TOP SIZE	PIPE SIZE	CLYD. CONC.
4'-0"	5'-0" x 6'-0" x 7'-0"	21" & SMALLER	0.38 ±
5'-0"	6'-0" x 6'-0" x 7'-0"	24" & 30"	0.51 ±
6'-0"	6'-0" x 6'-0" x 7'-0"	36" & 42"	0.64 ±
7'-0"	6'-0" x 6'-0" x 7'-0"	48" & 54"	0.77 ±
8'-0"	6'-0" x 6'-0" x 7'-0"	60" & 66"	0.90 ±

NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

NOTE: b₃ bar to be field bent to clear manhole frame.

TRANSITION CURB TO MATCH INSIDE OF INLET WALL THROUGH RADIUS

BACK OF STD. CURB



SECTION A-A

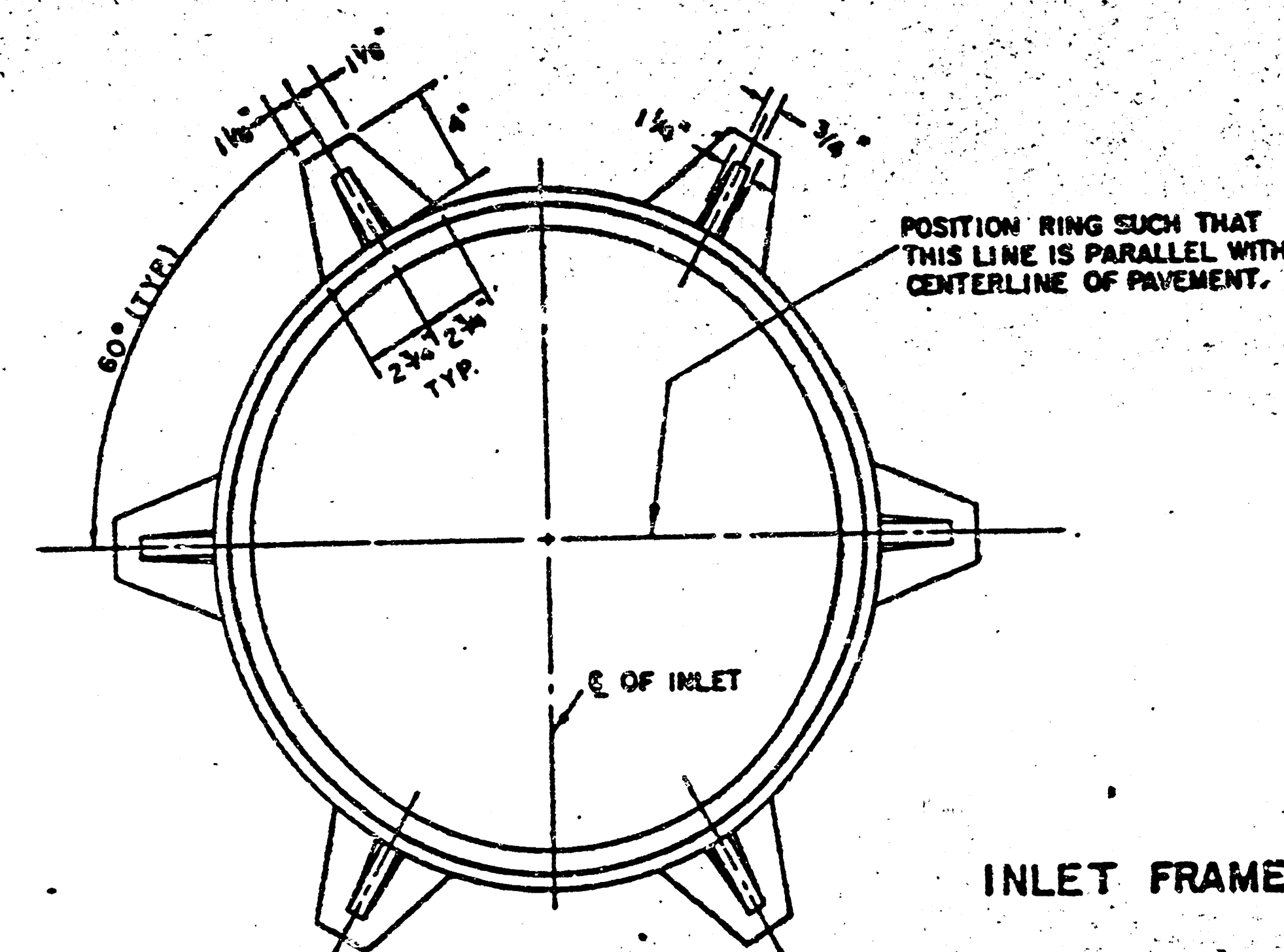
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.

NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP OR THIS INLET WHEN W = 6'-0" AND H = 7'-0" OR LESS.

ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOODUP.

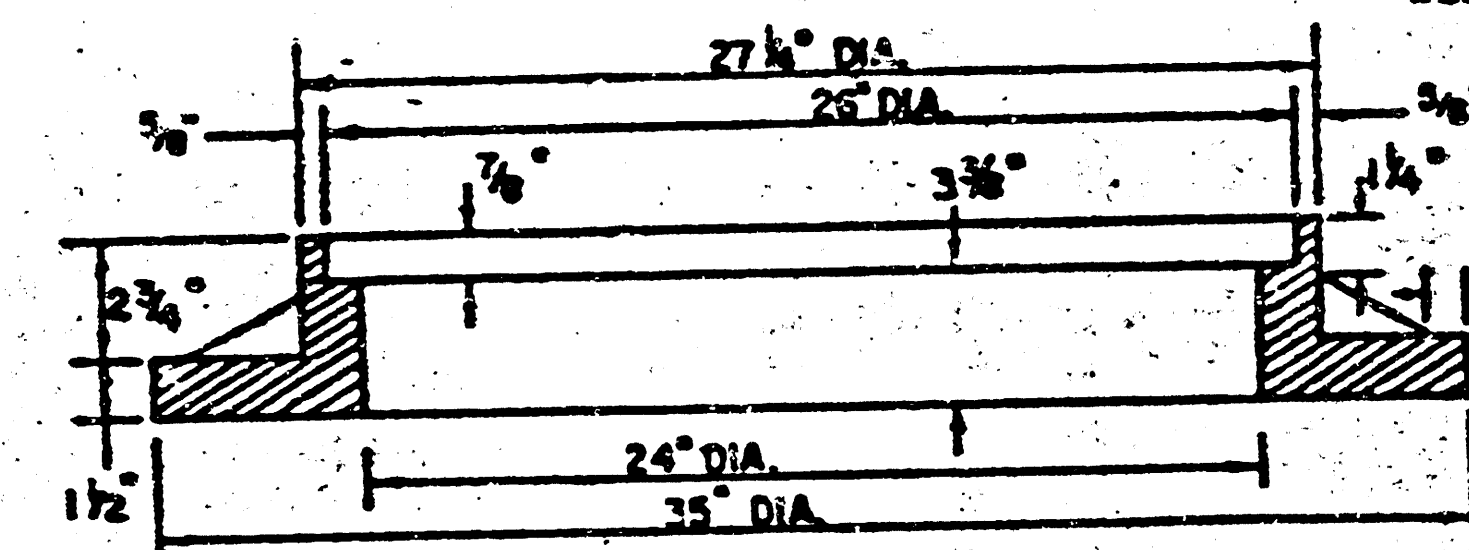
INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF-CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

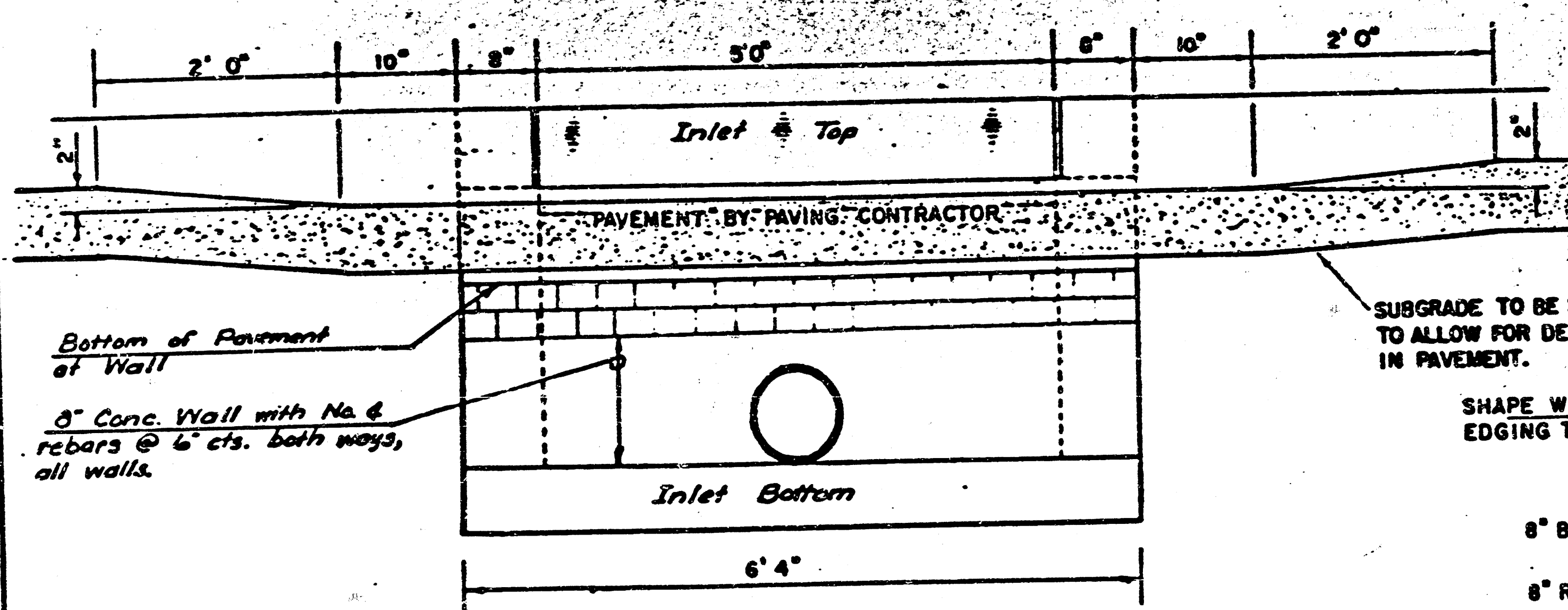


INLET FRAME

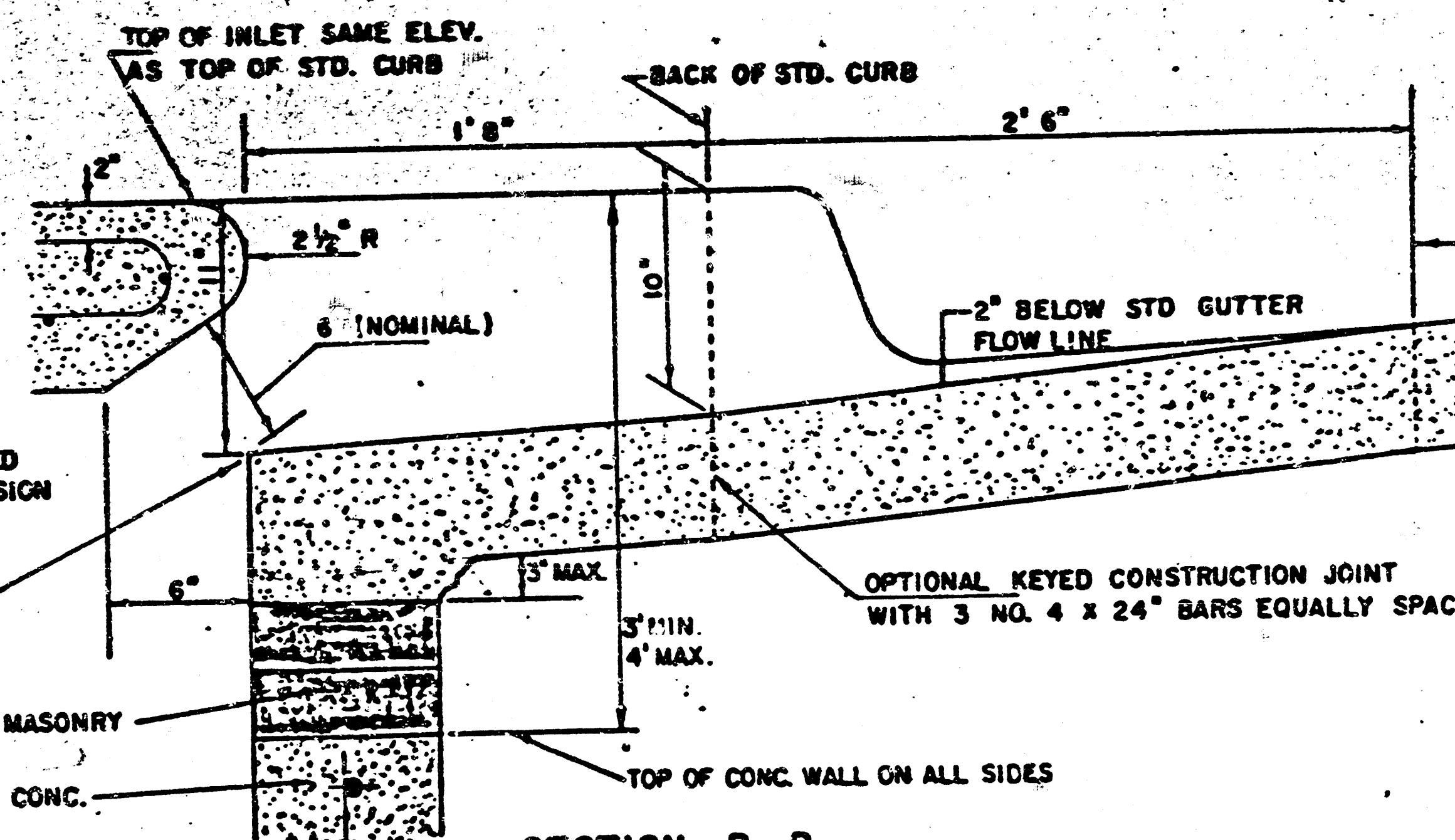
WEIGHT = 180 LBS.



SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.



SECTION C-C



SECTION B-B

LIMITS OF GUTTER SHAPING AND/OR EDGE OF COMB. CURB AND GUTTER

REVISED 12-21-1984

DETAIL STANDARD TYPE IA CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6' x 5' 0"

JUNE 1984

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