

STORM WATER SEWER - #438

to serve

TIMBER RIDGE 2ND ADDITION

LOTS 2 through 16, Blk. 1

LOTS 1 through 38, Blk. 2

Project No.

468 76 245 82243 000 000 001

INDEX CODE:

750398

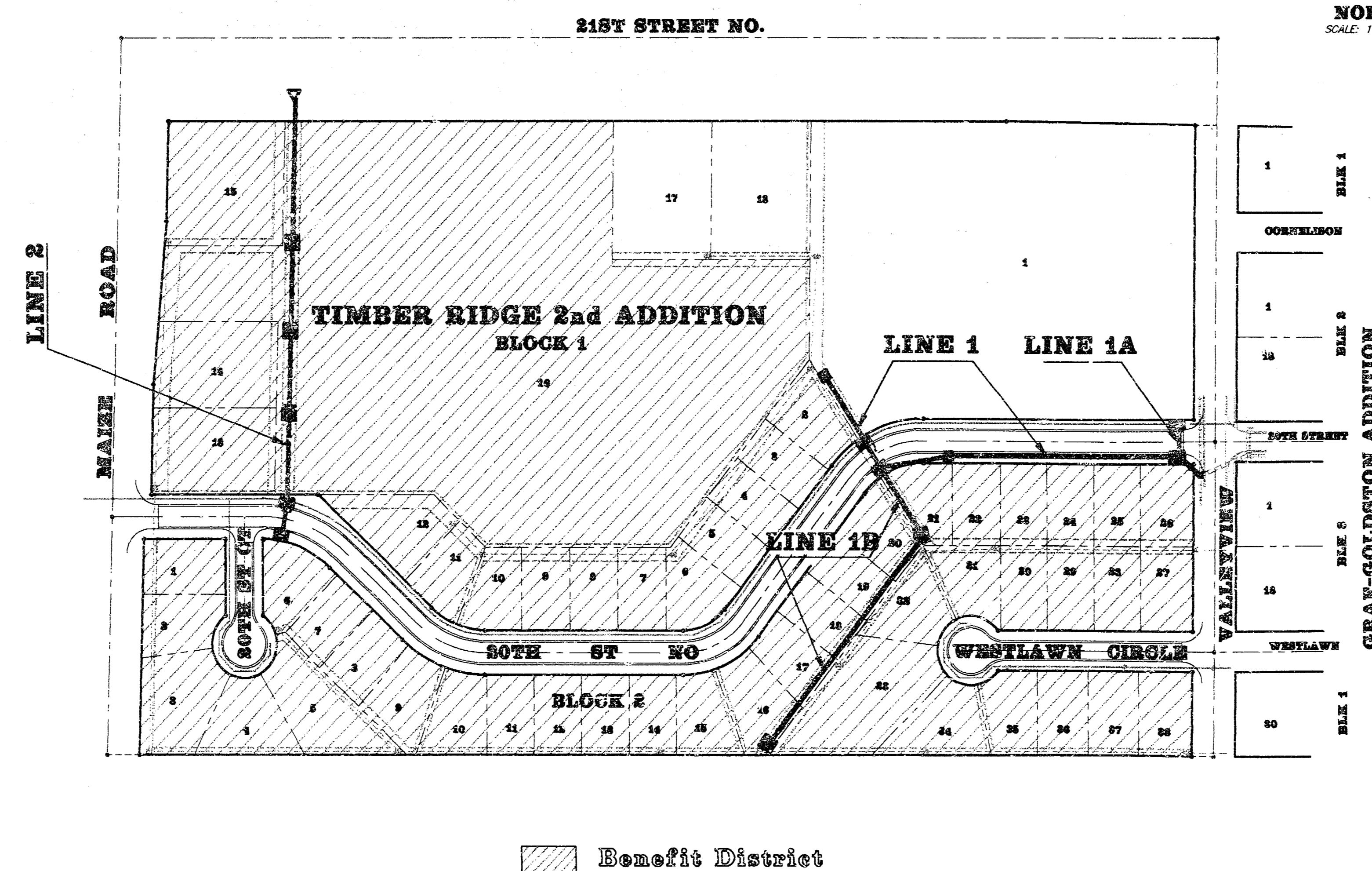
City of Wichita, Kansas - Michael E. Lindebak, City Engineer

GENERAL NOTES

- Contractor will be required to provide notice to utility companies a minimum of TWENTY-FOUR (24) HOURS PRIOR TO any excavation, as follows:
Kansas One-Call 687-2470
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY
 Cablevision 262-4270 -or- 263-2061
 K.P. L. Gas Service Company 263-7511
 Kansas Gas & Electric Company 264-1141
 Arkia Gas Company 942-835 -or- 253-8161
 S.W. Bell Telephone Company 1-571-3611
 City of Wichita Water Department 268-4908
 City of Wichita Sewer Maintenance 268-4071

- Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, 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 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 disposed of on site 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.
- The Engineer shall take field ties to all quarter section corners. The Contractor shall set a City survey monument in the required location where such quarter section corners fall within the limits of pavement construction. Survey monuments will be furnished by the City. The Engineer will accurately locate and install the iron at the quarter section corner. This work will not be paid for directly, but shall be considered subsidiary to the other city items of work in the contract.
- 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 give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
- 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 in accordance with state law.
- Where Flowable Fill is required, it shall meet with the standard specifications as set forth by the City of Wichita, Engineering Department. Flowable mortar shall be placed the full depth into the area that covers two feet beyond either side of the pavement by any reasonable means. The fill shall be brought up uniformly to an elevation 12 inches above the top of the pipe or two feet below the bottom of proposed pavement, whichever is higher. Placement of mortar shall then cease and the fill protected from traffic for a period of 72 hours. All materials, labor, equipment, tools and incidentals shall be paid for at the unit price bid per linear foot of trench filled regardless of trench depth and/or pipe sized unless indicated otherwise by plans or contract.

TRAFFIC WILL NOT BE EFFECTED BY CONSTRUCTION ON THIS PROJECT.



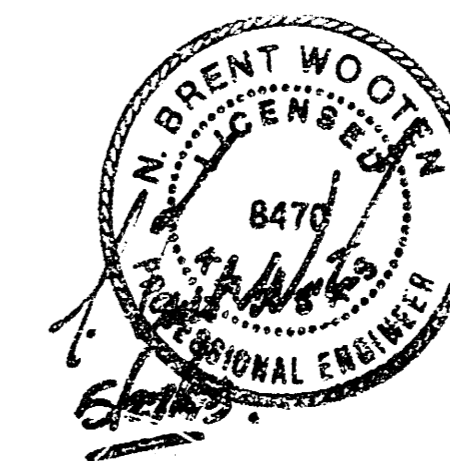
NORTH
SCALE: 1" = 150'

BENCHMARKS:

- BM #1. City Disc, 64'E & 99'S C's
Maize Road and 21st Street North.
Elev. = 164.30 CD
- BM #2. "D" T.C. 14.5'E & 15' S of
Lot 1, Blk 1 Timber Ridge 2nd Addition.
(NE Cor Valleyview & 20th St.)
Elev. = 159.26 CD

INDEX of SHEETS

TITLE SHEET	1
PLAN / PROFILE - LINE 1	2
PLAN / PROFILE - LINE 1 & 1A	3
PLAN / PROFILE - LINE 1B	4
PLAN / PROFILE - LINE 2	5 - 6
STANDARD TYPE 1A INLET DETAIL	7
TYPICAL DROP INLET DETAIL	8
PLAT COPY	9



Booked
2-23-94
MCS
D-216

As Built 12-10-93 A.Z.



BAUGHMAN COMPANY P.A.
ENGINEERING & SURVEYING
315/292-1271 • 315 ELLIS • WICHITA, KANSAS 67211

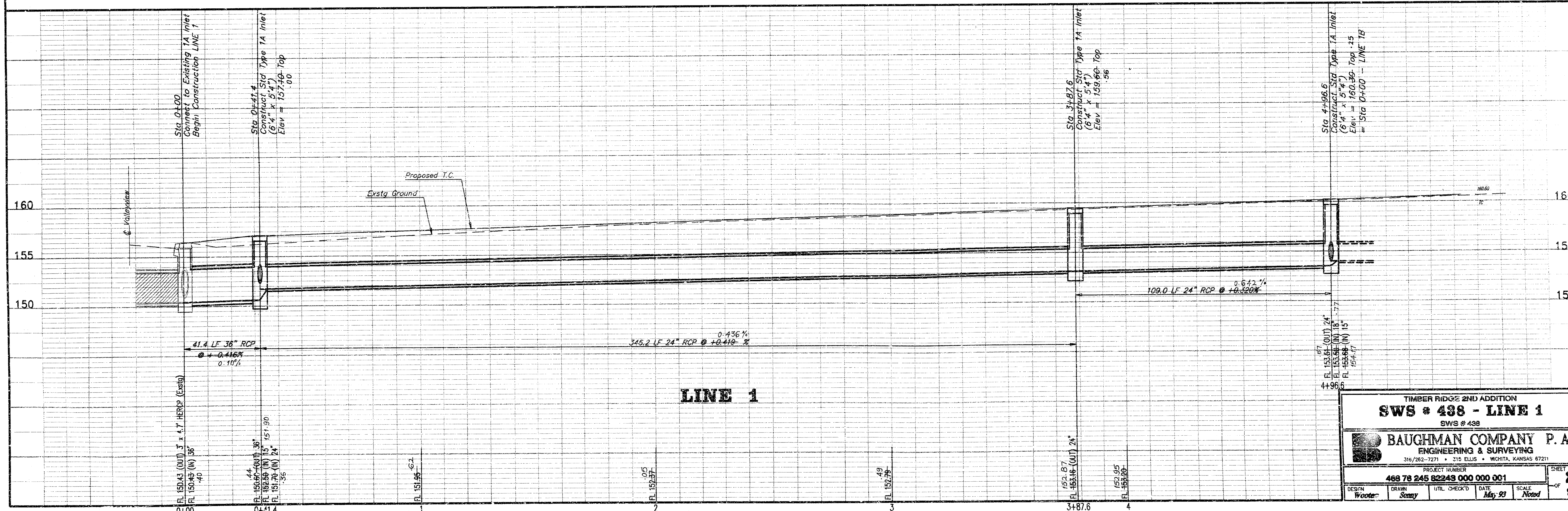
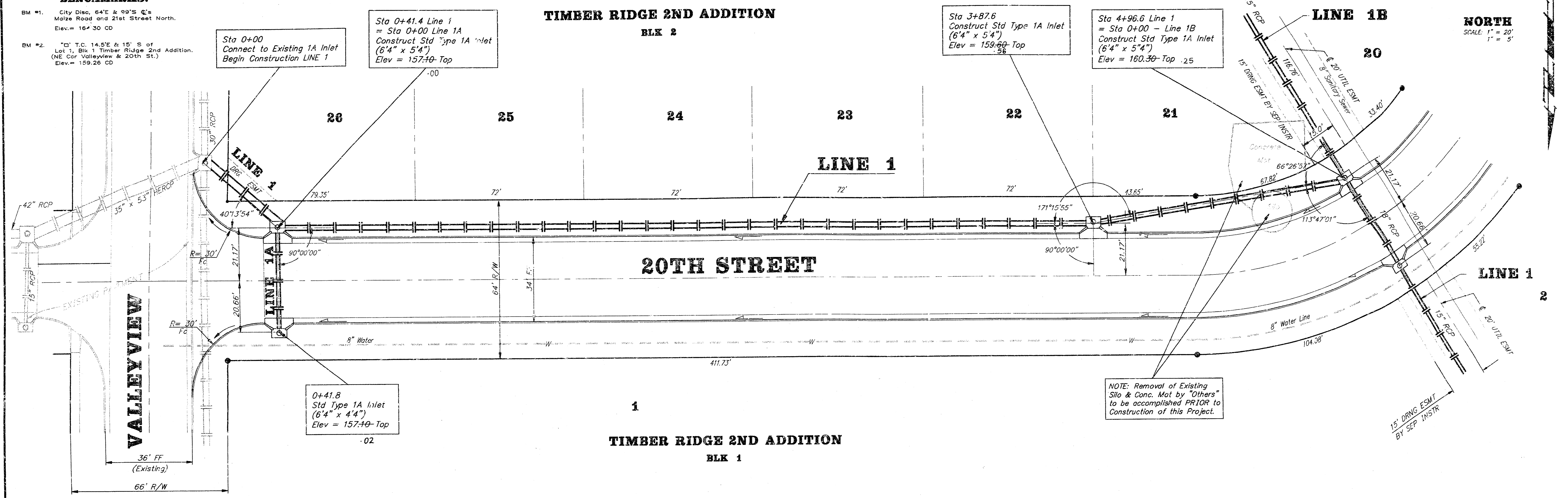
BENCHMARKS:

BM #1. City Disc. 64'E & 99'S of
Malze Road and 21st Street North.
Elev. = 167.30 CD

BM #2. "D" T.C. 14.8'E & 15' S of
Lot 1, Blk 1 Timber Ridge 2nd Addition.
(NE Cor Valleyview & 20th St.)
Elev. = 159.26 CD

**TIMBER RIDGE 2ND ADDITION
BLK 2**

NORTH
SCALE: 1" = 20'
1" = 5'



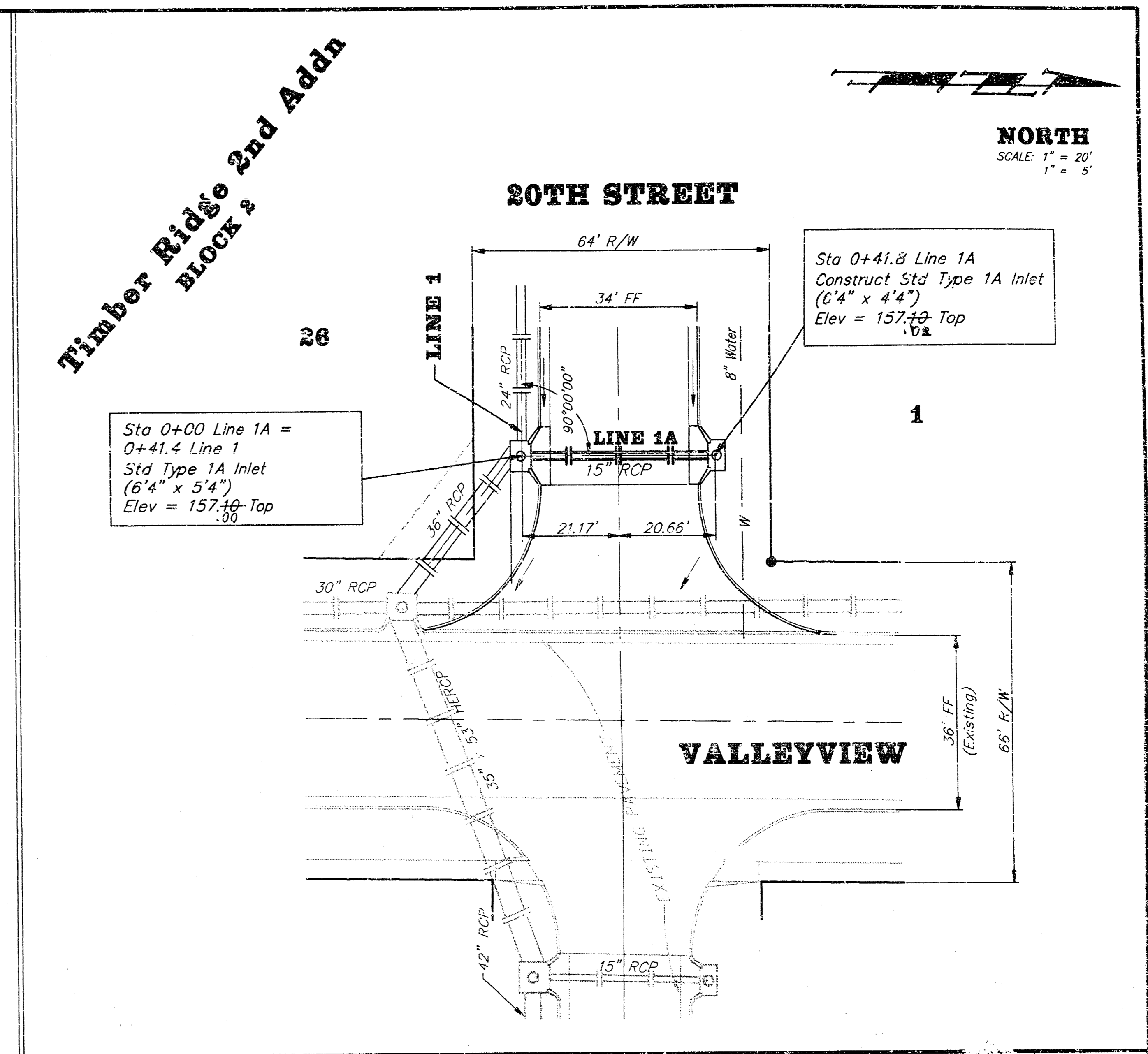
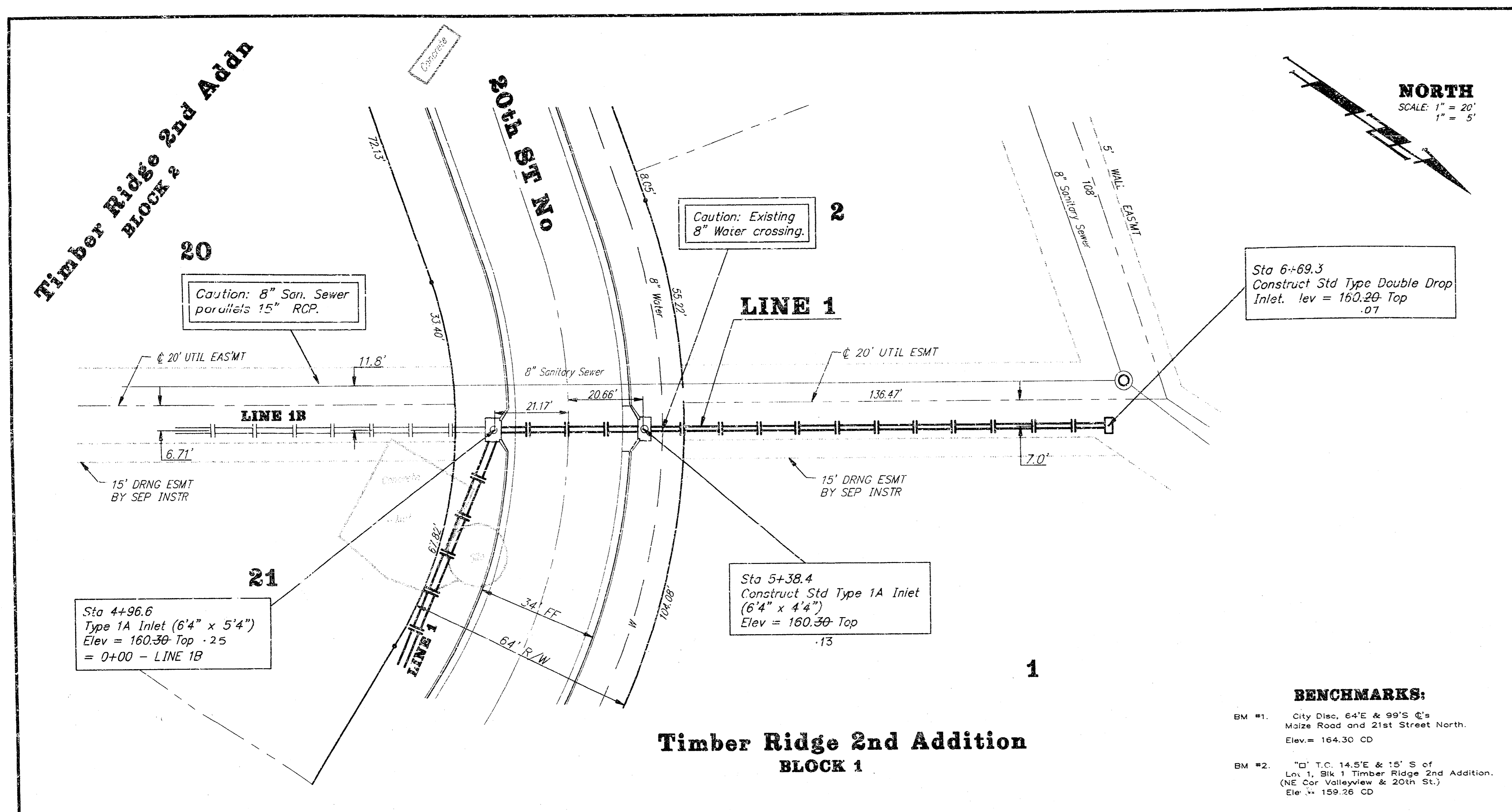
TIMBER RIDGE 2ND ADDITION
SWS # 438 - LINE 1
SWS # 438

BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 215 ELLIS • WORTH, KANSAS 67211

PROJECT NUMBER
488 78 245 82243 000 000 001

DESIGN Wooder	DRAWN Scamly	UTIL. CHECKED	DATE May 97	SCALE Noted
------------------	-----------------	---------------	----------------	----------------

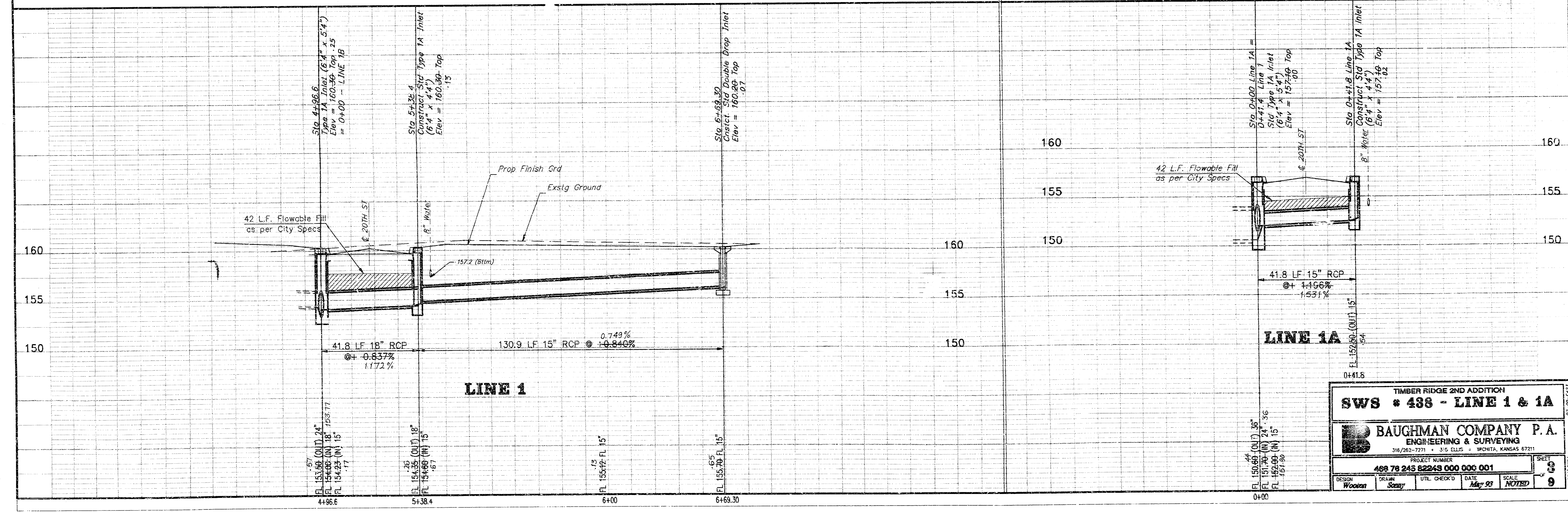
SHEET **2** OF **9**

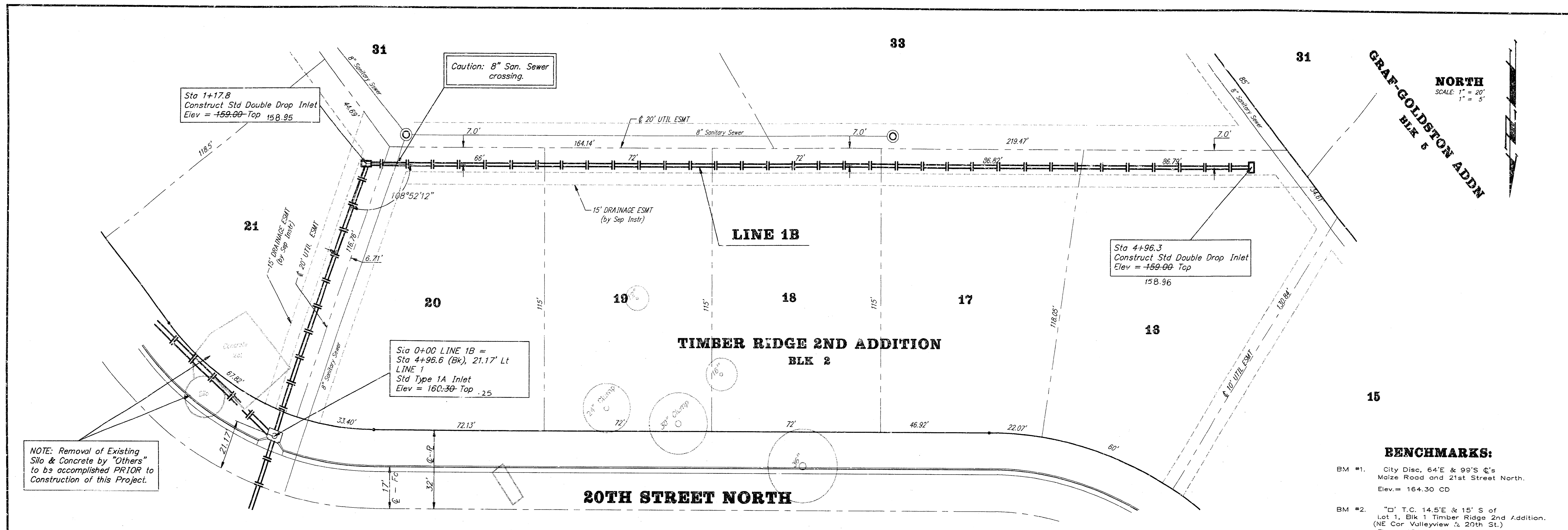


BENCHMARKS:

BM #1: City Dms. 64'E & 99'S @
Maize Road and 21st Street North.
Elev = 164.30 CD

BM #2: "D" TC 14.0'E & 15' S of
Loc. 1, Blk 1 Timber Ridge 2nd Addition.
(NE Cor Valleyview & 20th St.)
Elev = 159.26 CD





NOTE: Removal of Existing Silo & Concrete by "Others" to be accomplished PRIOR to Construction of this Project.

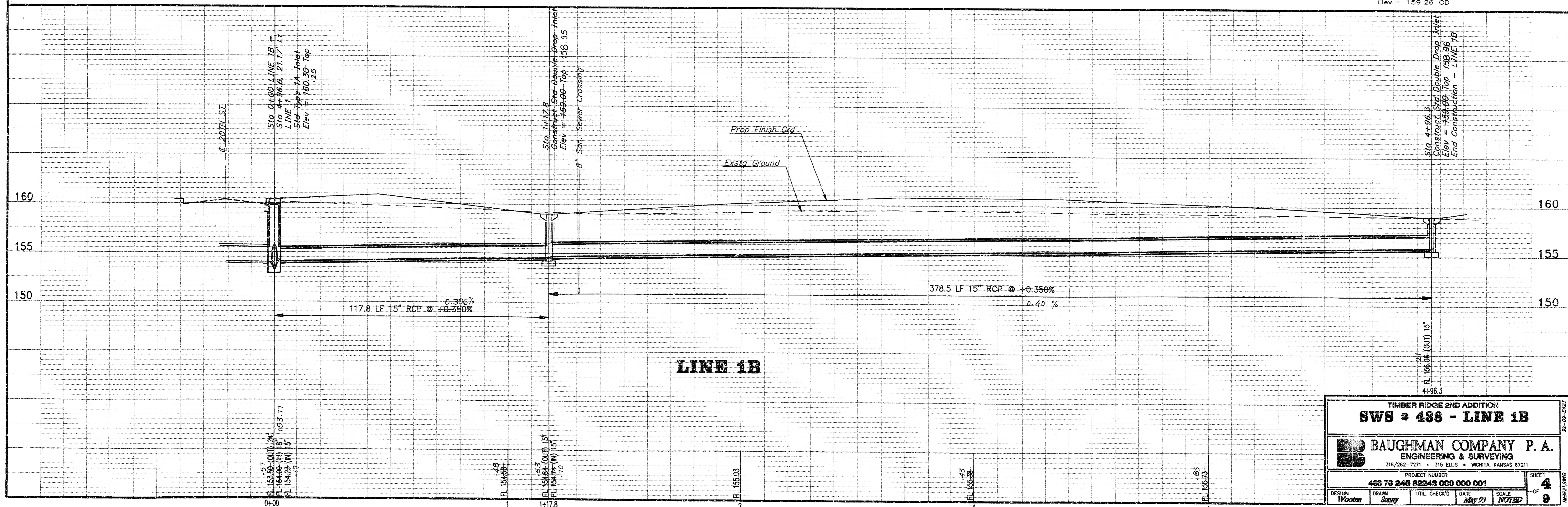
NORTH
SCALE: 1" = 20'
1" = 5'

GRAF-GOLDSTON ADDN
BLK 6

BENCHMARKS:

BM #1. City Disc, 64'E & 99'S C's
Maize Road and 21st Street North.
Elev. = 164.30 CD

BM #2. "D" T.C. 14.5'E & 15'S of
Lot 1, Blk 1 Timber Ridge 2nd Addition.
(NE Cor Valleyview & 20th St.)
Elev. = 159.26 CD

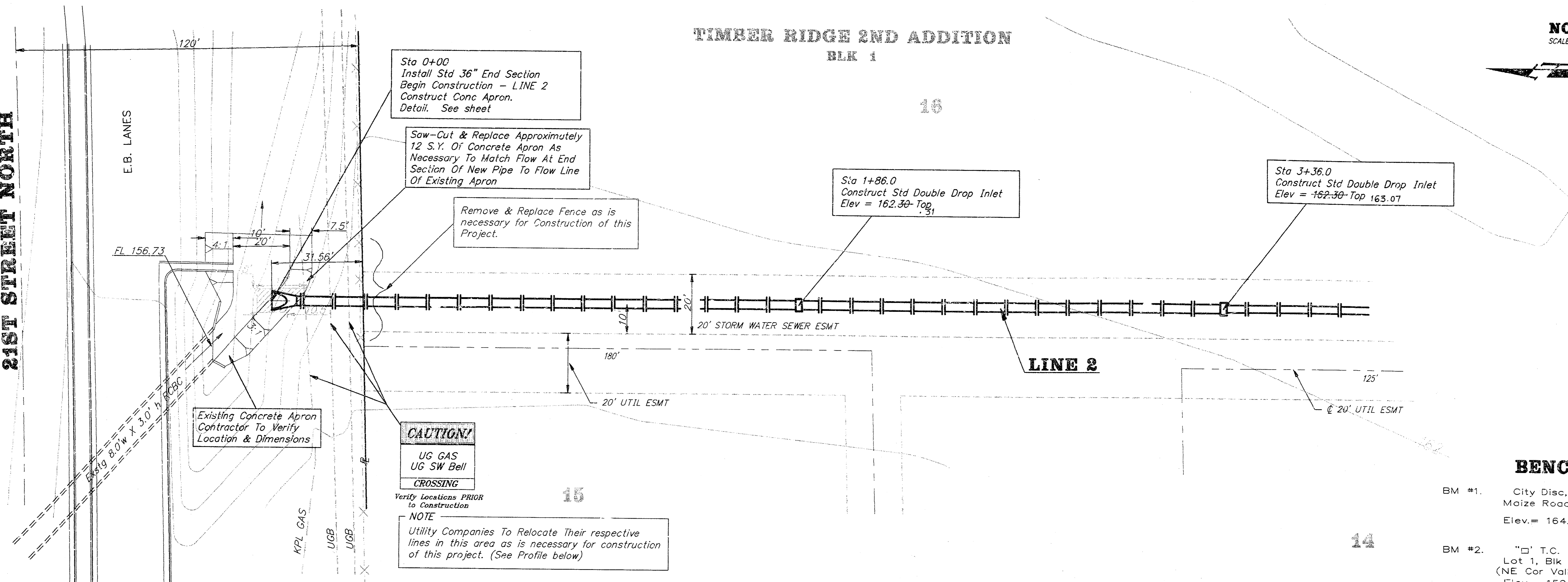


TIMBER RIDGE 2ND ADDITION			
SWS # 488 - LINE 1B			
BAUGHMAN COMPANY P. A.			
ENGINEERING & SURVEYING			
316/262-7271 • 315 ELLIS • MONIA, KANSAS 67211			
PROJECT NUMBER		SHEET	
488 78 245 82243 000 000 001		4	
DESIGN	DATE	SCALE	NOTED
Wooden	May 03	NOTED	8

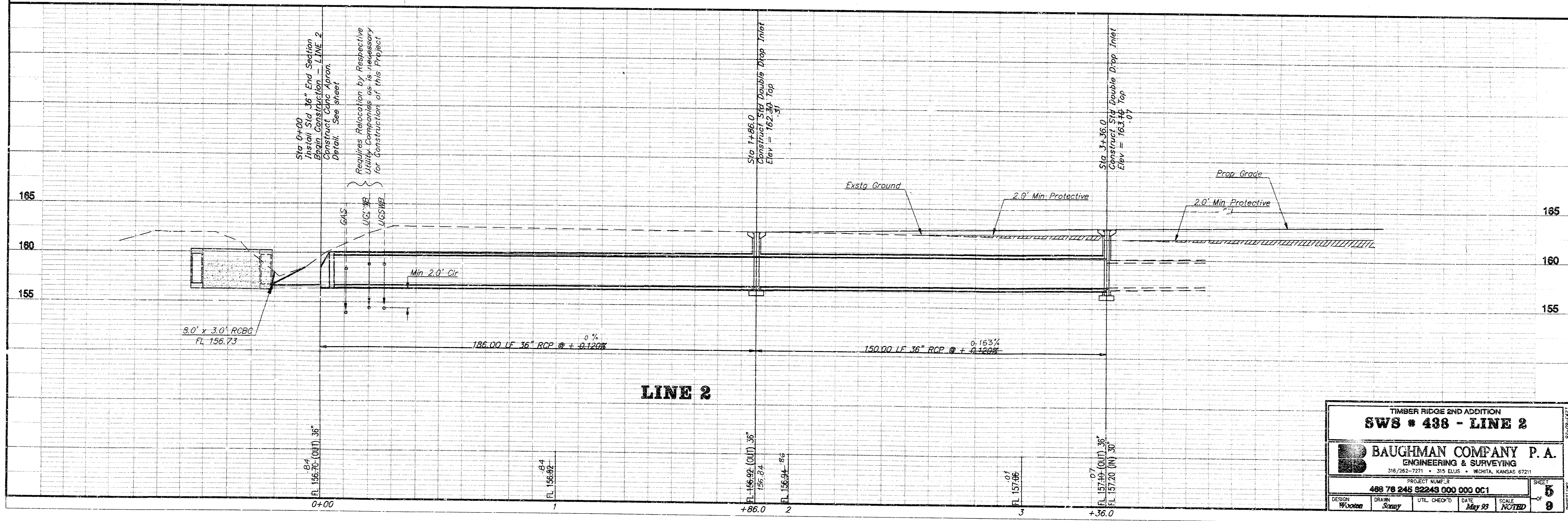
21ST STREET NORTH

TIMBER RIDGE 2ND ADDITION
BLK 1

NORTH
SCALE: 1" = 20'
1" = 5'



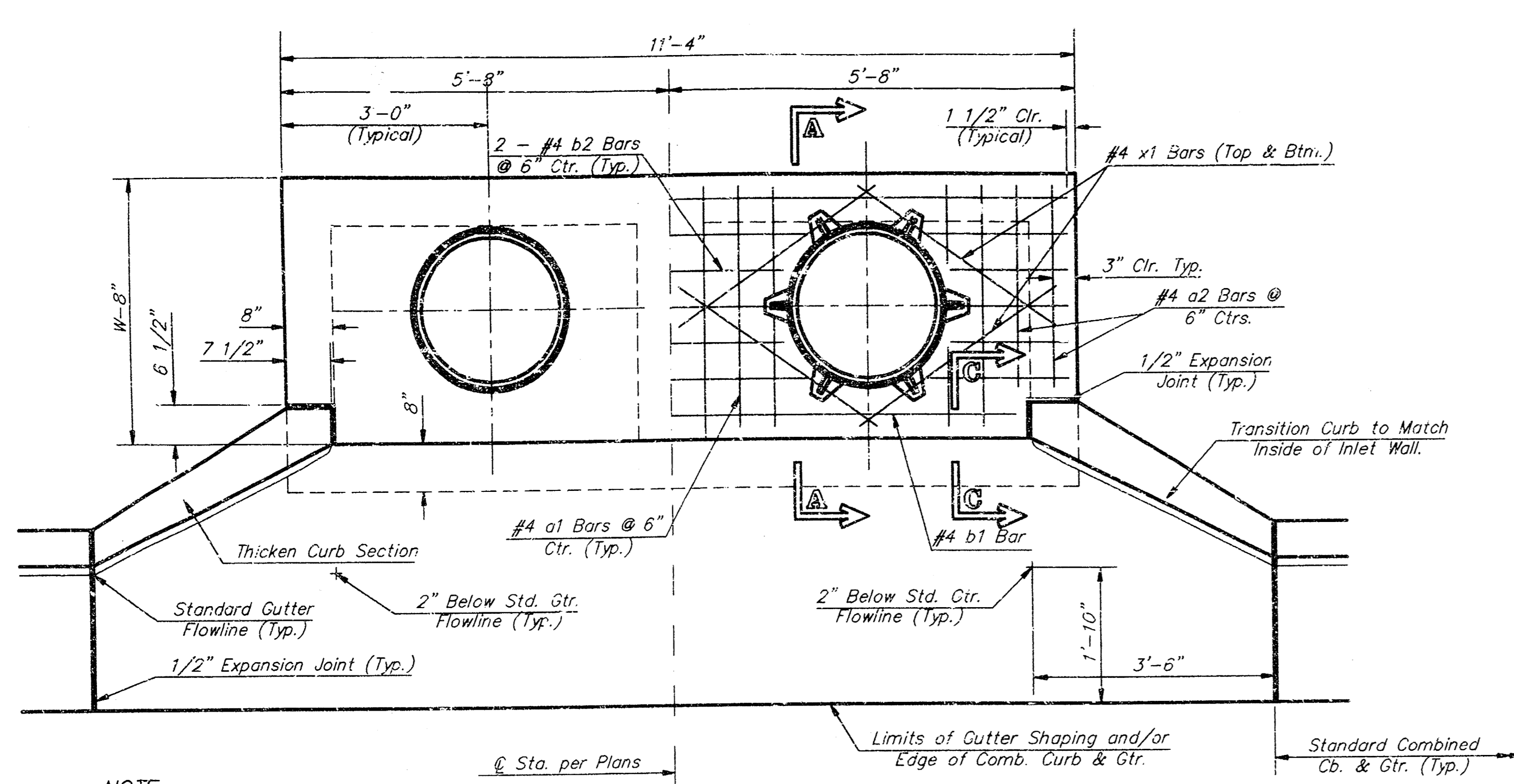
- BENCHMARKS:**
- BM #1. City Disc. 64'E & 99'S of Moize Road and 21st Street North. Elev. = 164.30 CD
 - BM #2. "D" T.C. 14.5'E & 15' S of Lot 1, Blk 1 Timber Ridge 2nd Addition. (NE Cor Valleyview & 20th St.) Elev. = 159.26 CD



TIMBER RIDGE 2ND ADDITION
SWS # 438 - LINE 2

BAUGHMAN COMPANY P.A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

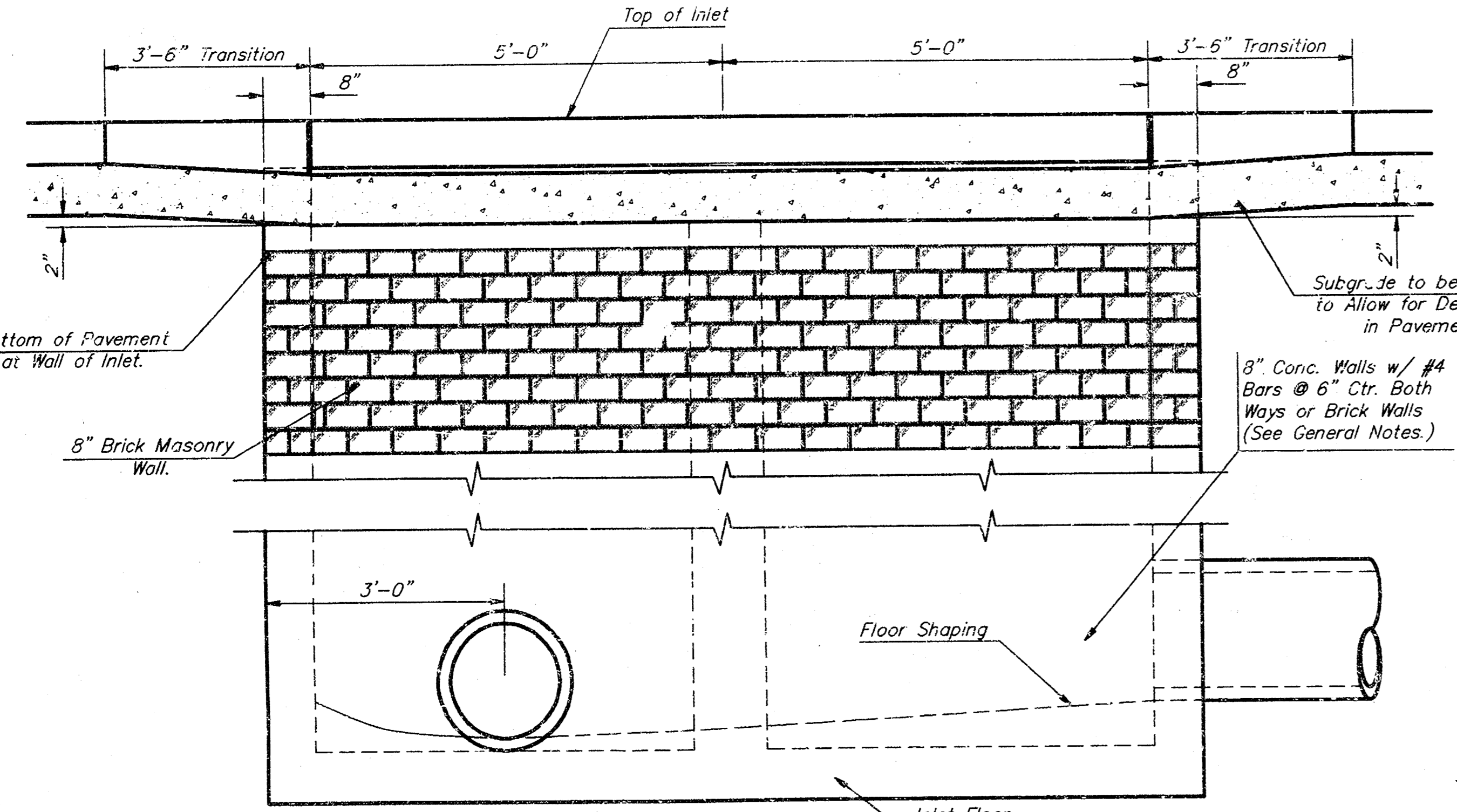
PROJECT NUMBER: 488 78 245 000 000 OC1
DESIGN: WOODEN, DRAWN: SNEY, UTIL CHECKED: DATE: May 22, SCALE: AS SHOWN, SHEET: 5 OF 9



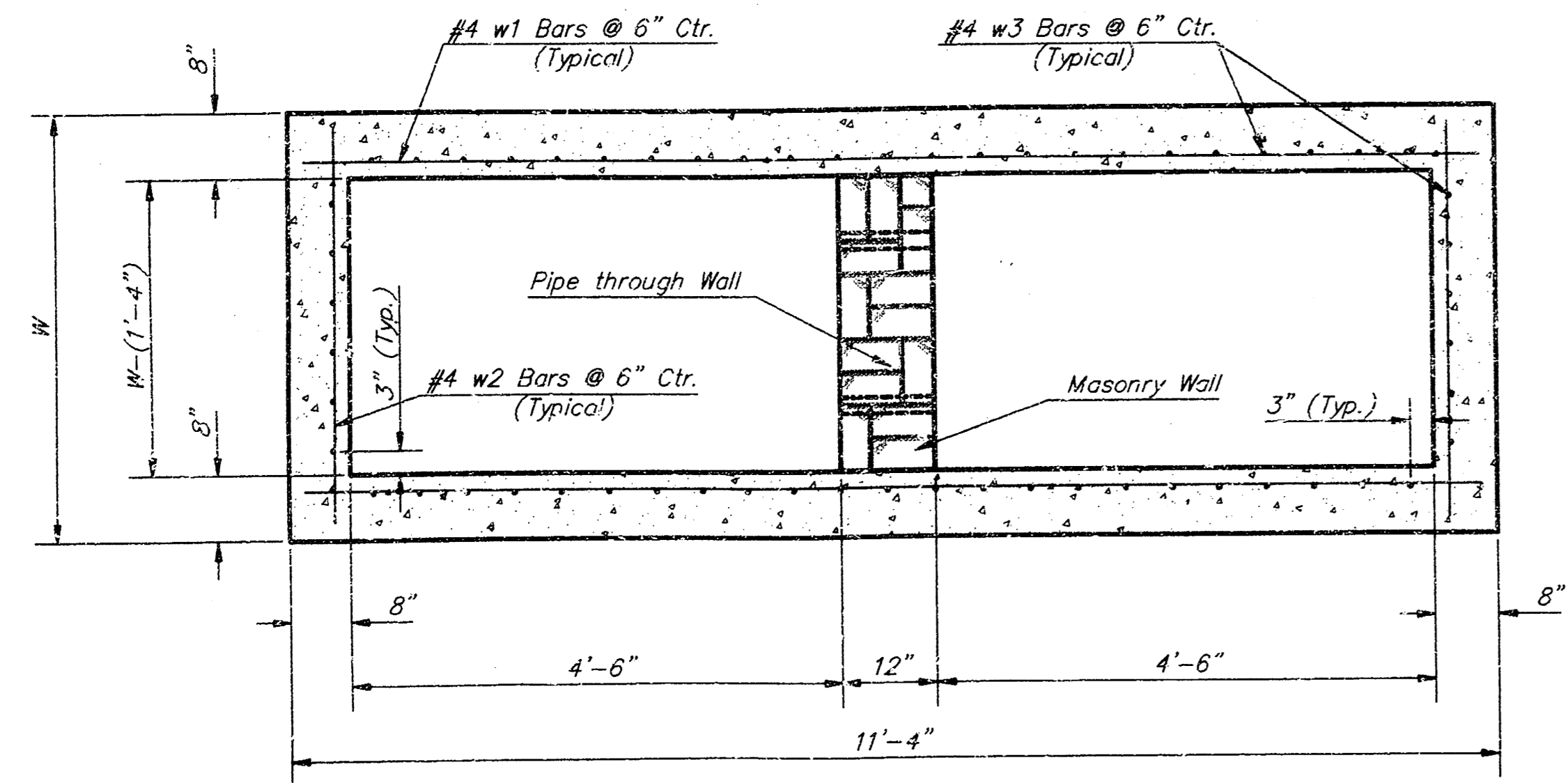
NOTE:
Expansion Joint Only in Curb Area with Concrete Pavement.

PLAN

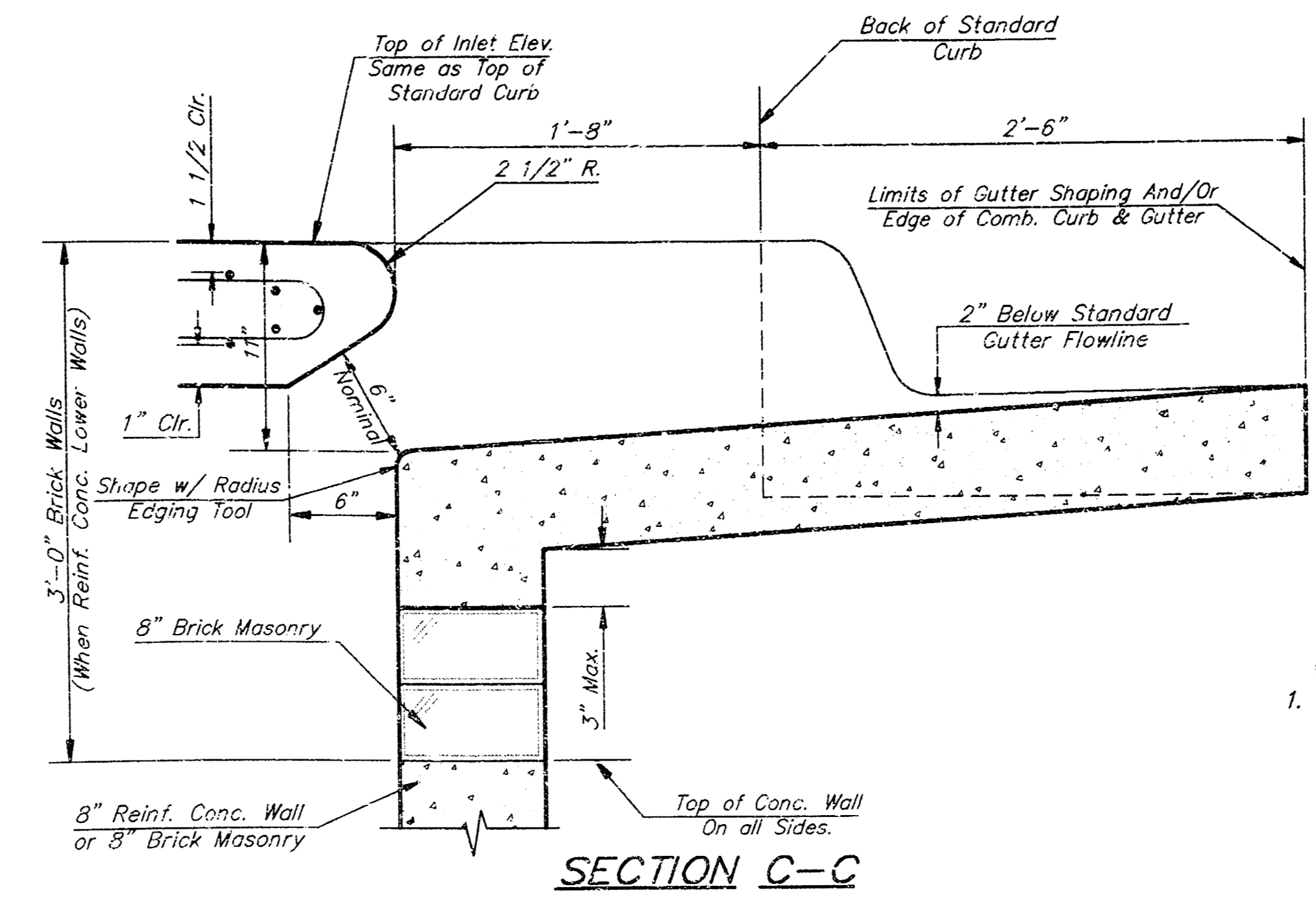
Left Side Shown Without Slab Reinforcing, Right Side Shown With Slab Reinforcing.



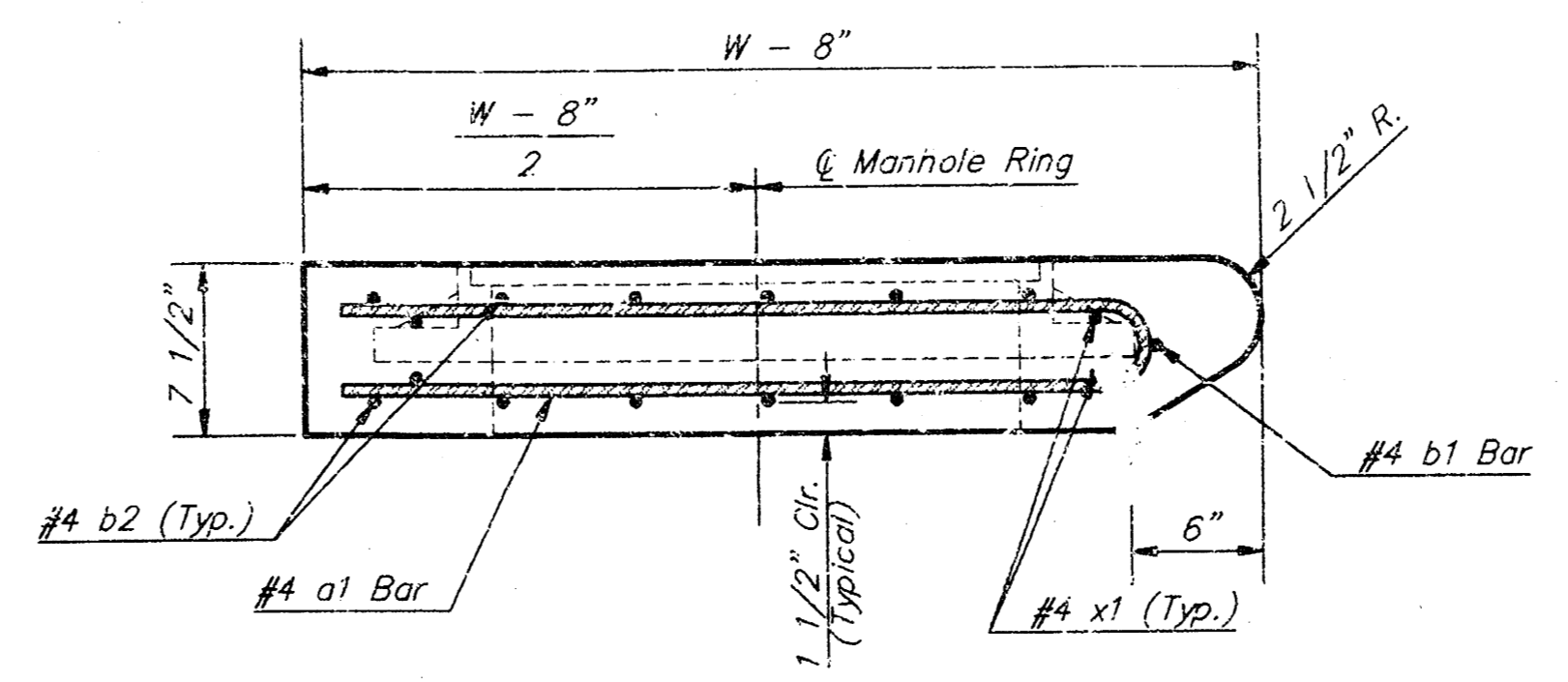
ELEVATION



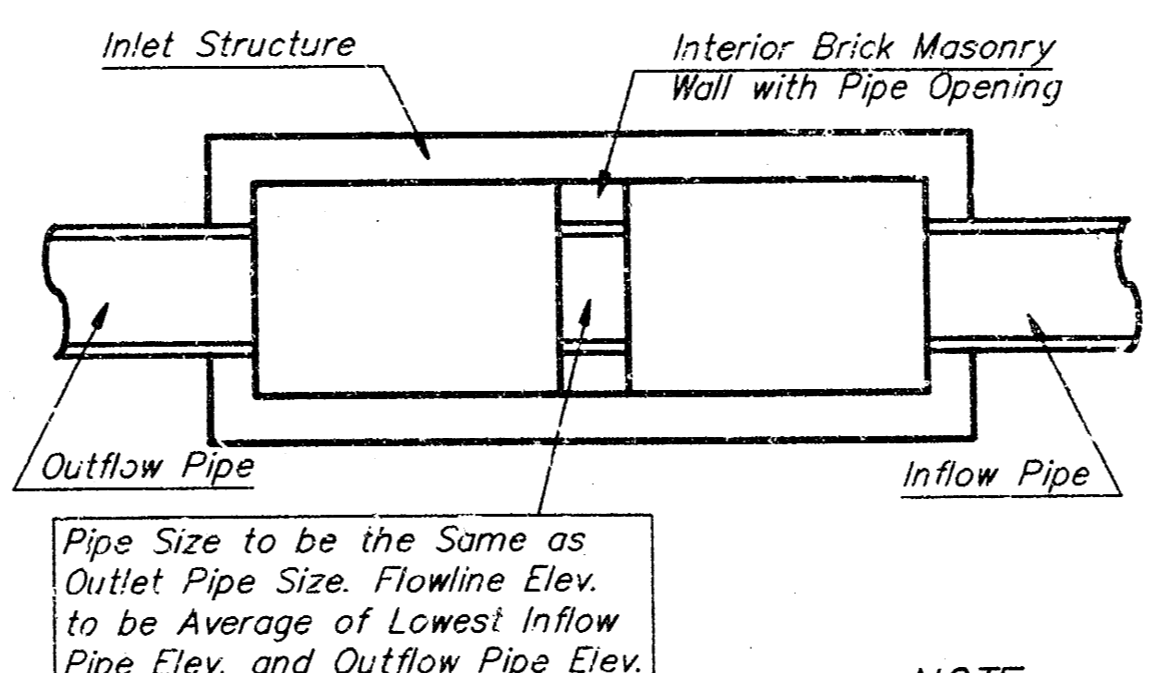
SECTION B-B



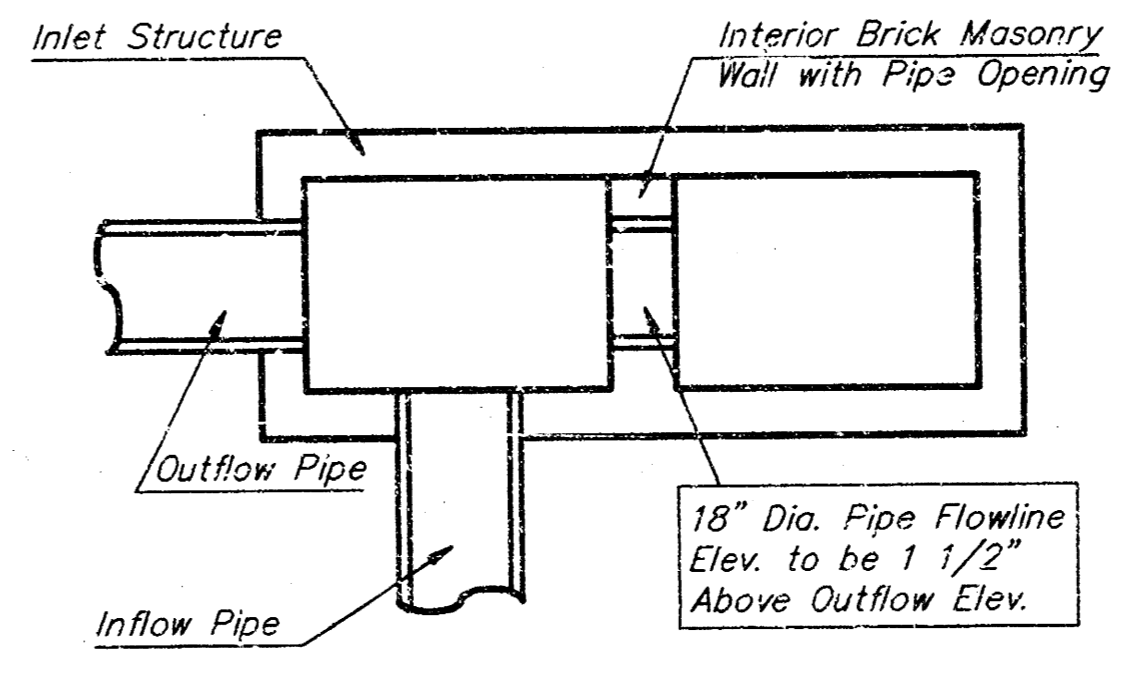
SECTION C-C



SECTION A-A

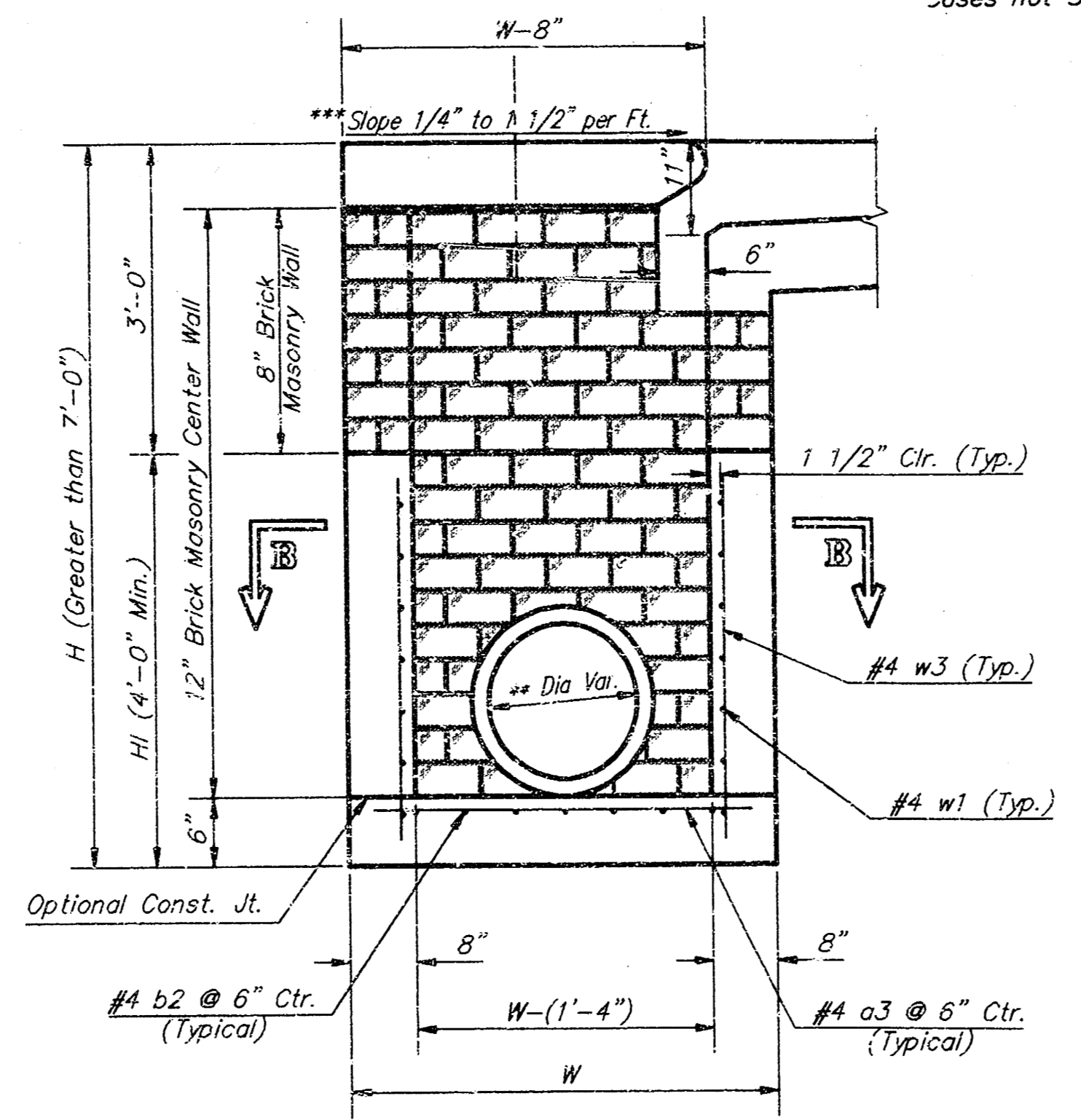


CASE I



CASE II

NOTE:
Center Wall Pipe Size shall be as Specified in Inlet Construction Notes on the Plan/Profile Sheets for those Cases not Shown Here.



TYPICAL INLET SECTION AT CENTER WALL (Reinforced Concrete Walls)

TYPICAL INLET SECTION AT CENTER WALL (Masonry Walls)

NOTES:
• A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II above.
• Slope of inlet tops to match sidewalk or parking slopes within limits indicated.

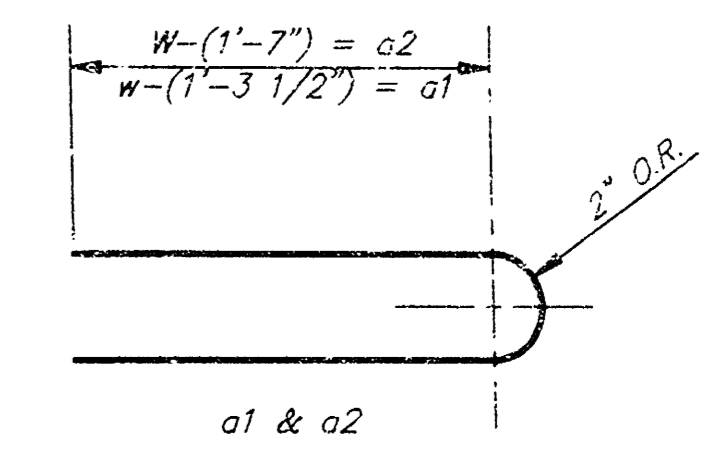
PRECAST SLAB AND FLOOR REINFORCING											
MARK	SIZE	W = 4'-4"		W = 5'-4"		W = 6'-4"		W = 7'-4"		W = 8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
* a1	#4	13	6'-7"	13	8'-7"	13	10'-7"	13	12'-7"	13	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	23	4'-1"	23	5'-1"	23	6'-1"	23	7'-1"	23	8'-1"
b1	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
* b2	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"	47	11'-1"
* c1	#4	16	3'-10"	16	4'-2"	16	4'-6"	16	4'-10"	16	5'-2"

WALL REINFORCING											
MARK	SIZE	W = 4'-4"		W = 5'-4"		W = 6'-4"		W = 7'-4"		W = 8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	1	11'-1"	1	11'-1"	1	11'-1"	1	11'-1"	1	11'-1"
w2	#4	1	4'-1"	1	5'-1"	1	6'-1"	1	7'-1"	1	8'-1"
w3	#4	52	2'	56	2'	60	2'	64	2'	68	2'

• Field Bend or Cut Reinforcing as Required for Clearance.
① 4 (H - 12) (H - 21) Rounded down to nearest 0.5"
② H - 3"

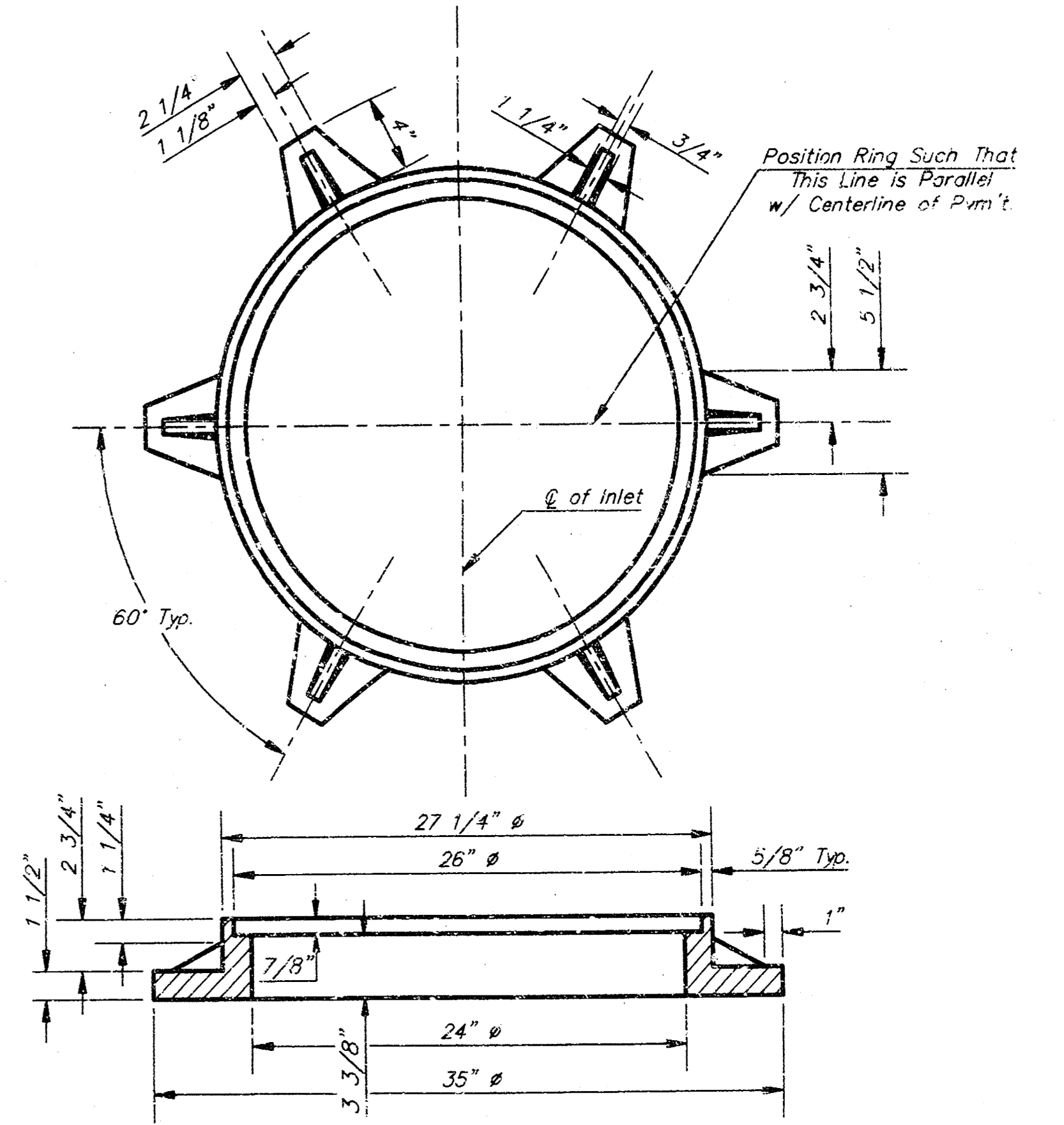
GENERAL NOTES:

- The contractor shall be required to construct 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" or less and H=7'-0" or less. When W is greater than 6'-4" and H is less than 7'-0" the outside inlet walls below the brick stack shall be reinforced concrete construction and the center wall shall be of masonry construction as shown for the masonry wall option.
- 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.
- 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.
- Inlet top reinforcing shall be spaced on 6" max. centers. Inlet lids shall be notched out as indicated to facilitate construction of curb. Bars in inlet top to be field bent or cut to clear manhole ring.
- The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.



BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" 11'-4" 7 1/2"	21" ± SMALLER	0.21E
5'-4"	4'-8" 11'-4" 7 1/2"	24" ± 30"	1.09E
6'-4"	5'-8" 11'-4" 7 1/2"	36" ± 42"	1.35E
7'-4"	6'-8" 11'-4" 7 1/2"	48" ± 54"	1.61E
8'-4"	7'-8" 11'-4" 7 1/2"	60" ± 66"	1.87E



MANHOLE RING AND COVER

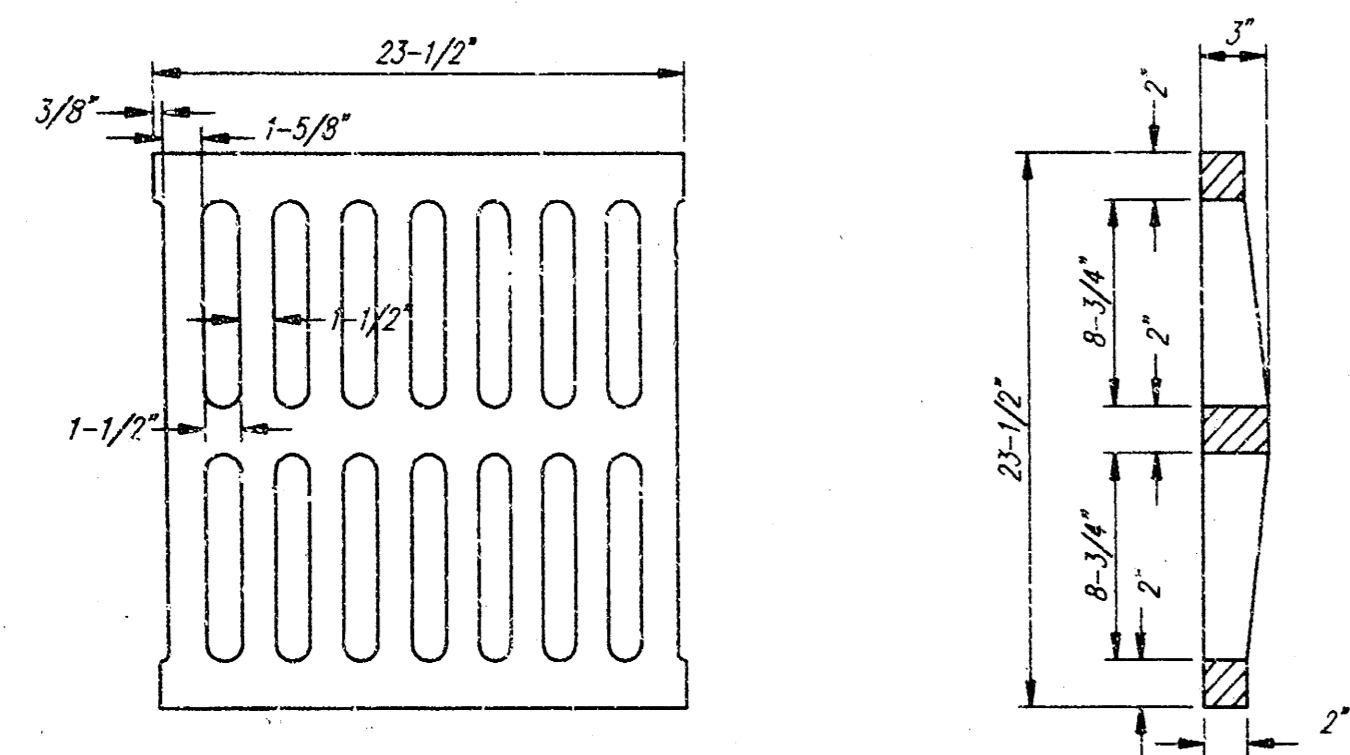
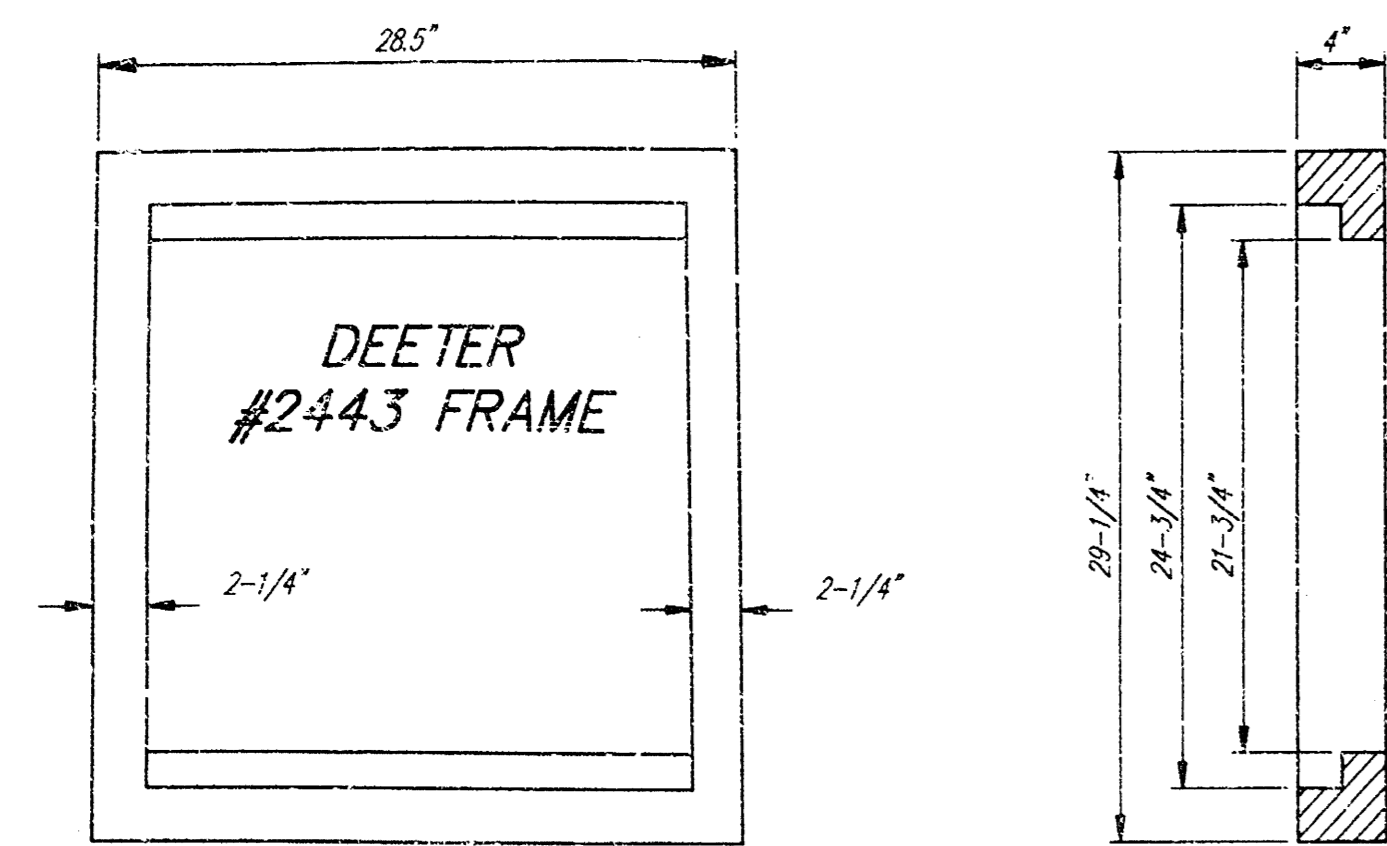
Weight = 180 lbs.
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.

Revised - Feb. 16, 1989

CITY OF WICHITA STANDARD TYPE 1A CURB INLET DETAILS
INLET OPENING = 6" x 10'-0"

PROJECT NUMBER: 468 76 245 82243 000 000 001
SHEET 7 OF 9

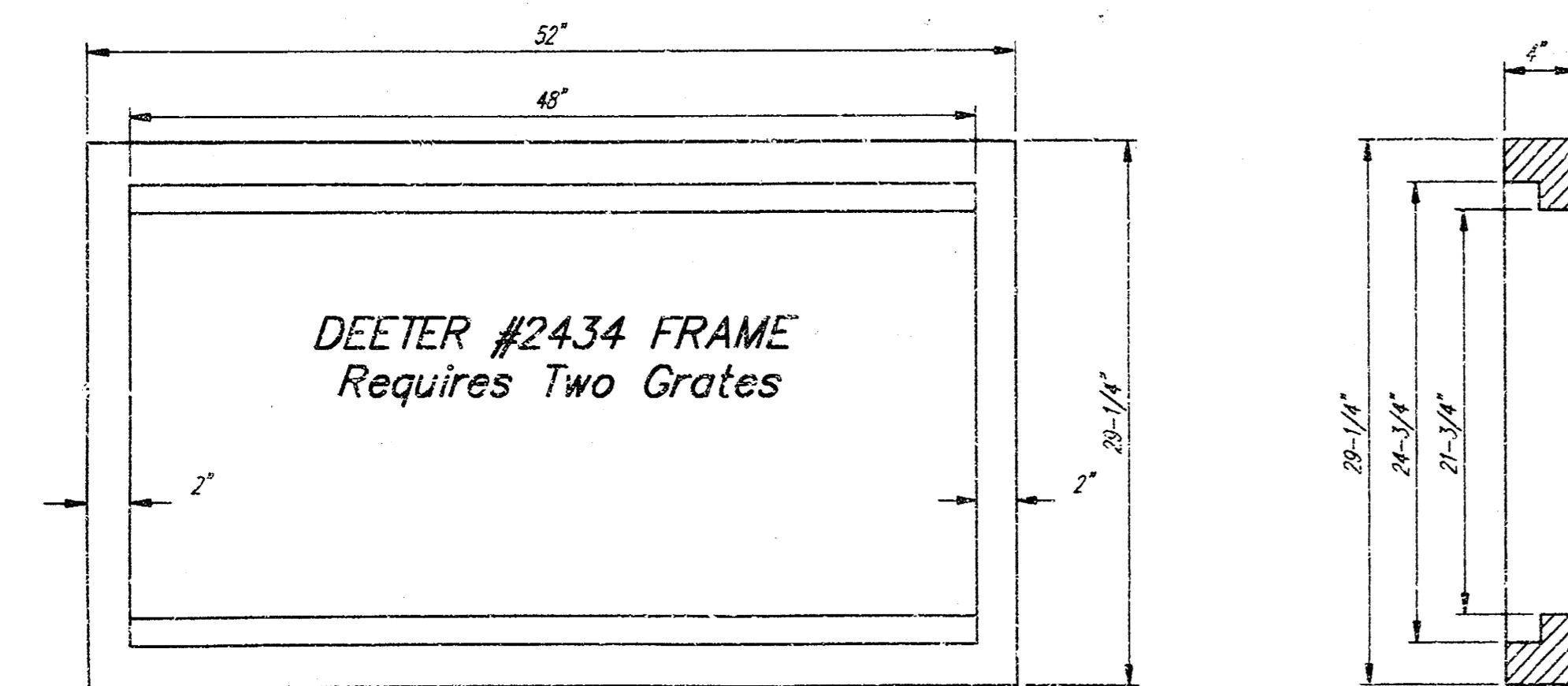
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211



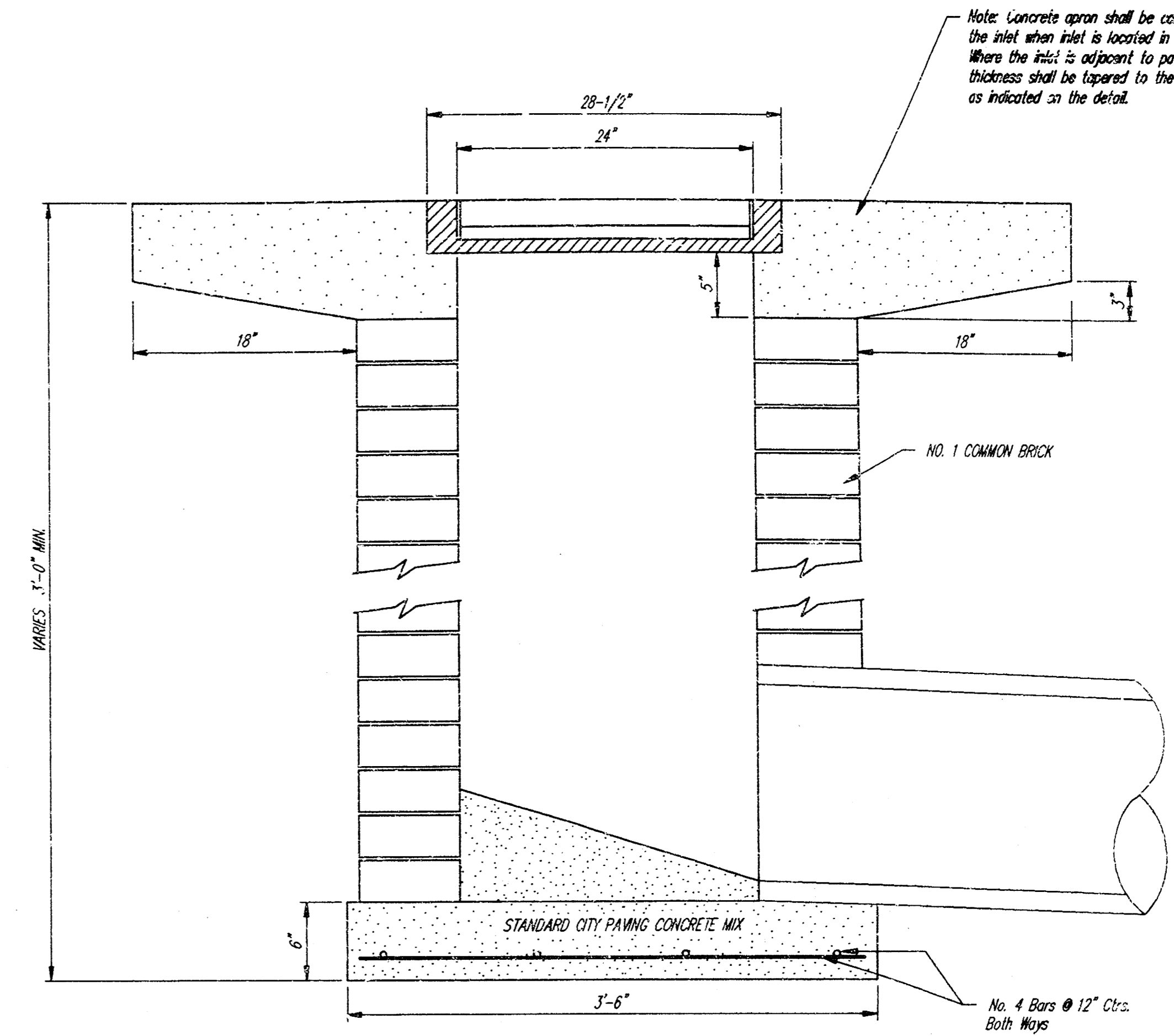
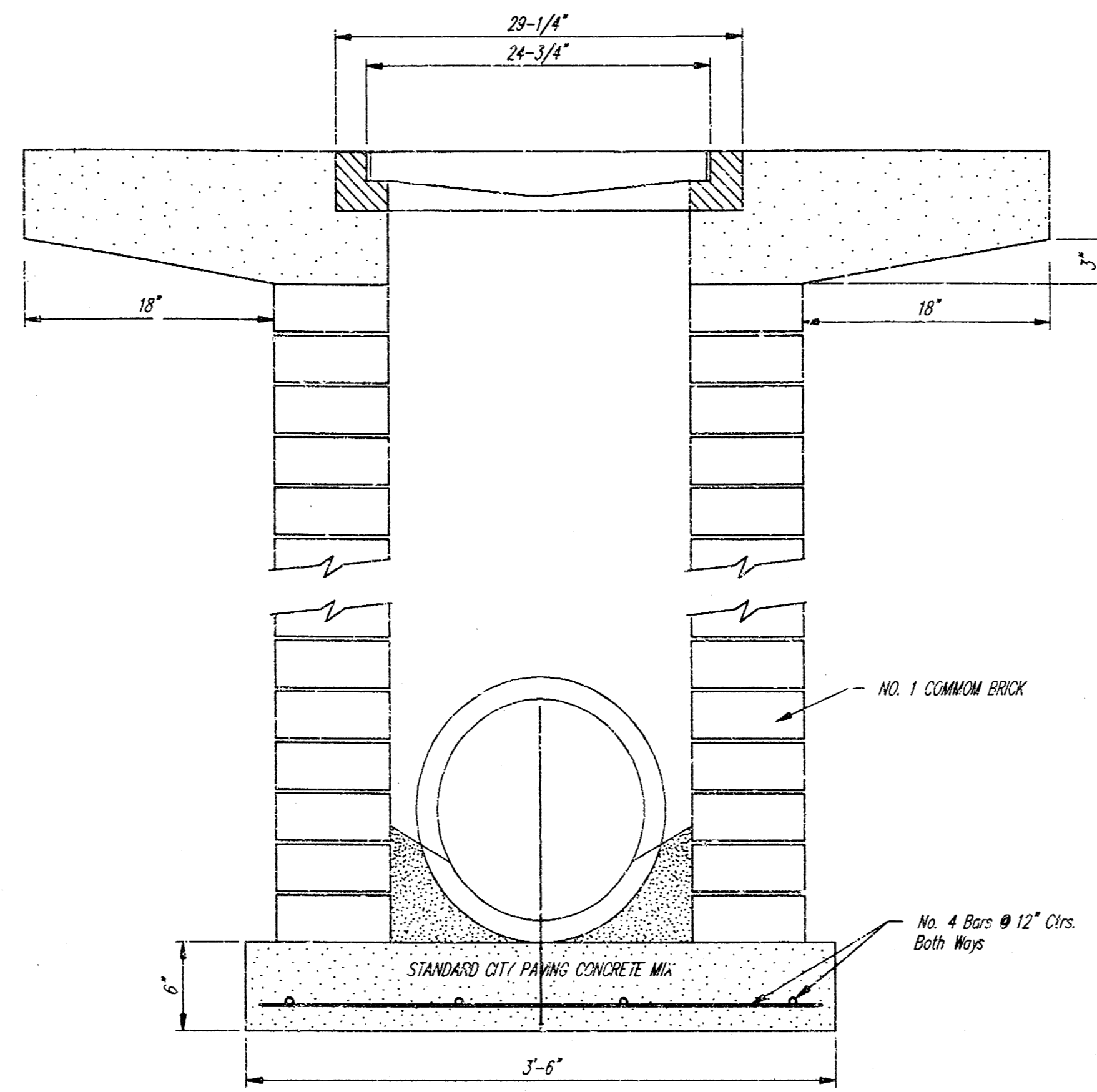
DEETER #2433 GRATE

24" x 24" Frame and Grate Detail

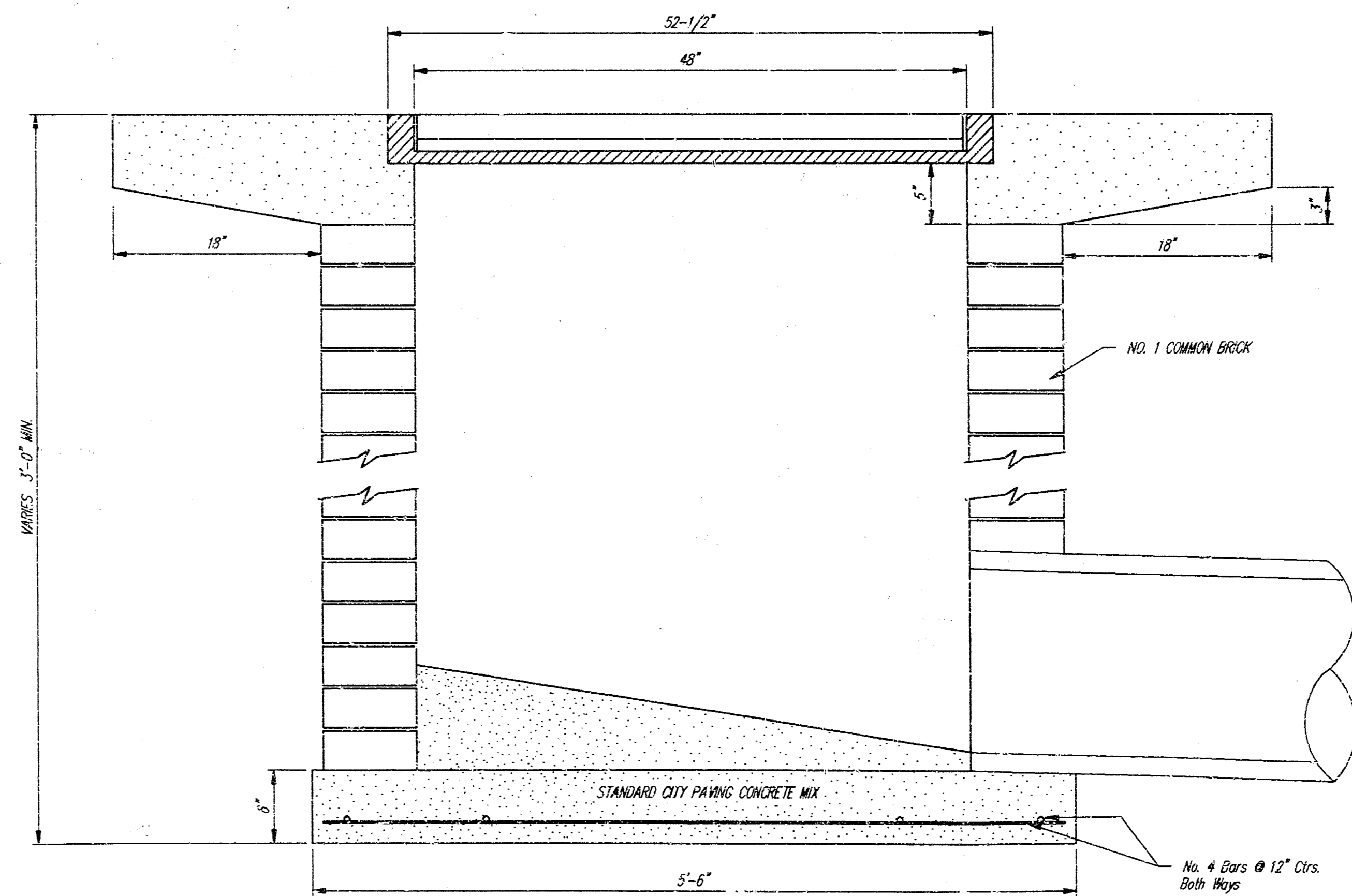
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be approved by the engineer.



Double 24" x 24" Frame Detail



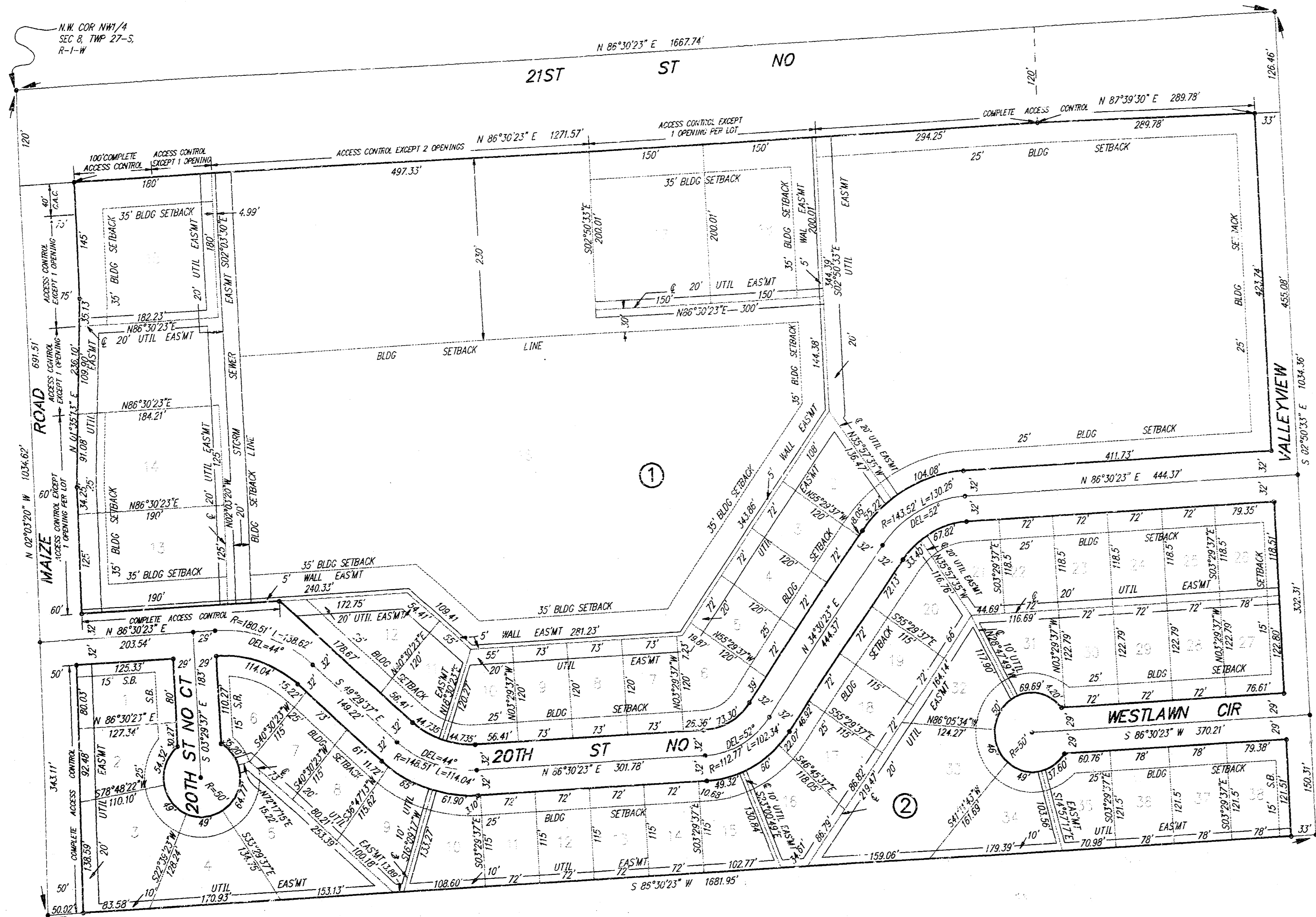
Note: Concrete apron shall be constructed around the inlet when inlet is located in an unimproved area. Where the inlet is adjacent to pavement, the pavement thickness shall be tapered to the inlet in 10 inches as indicated on the detail.



DROP INLET DETAILS	
M.E. Lindebak, City Engineer City of Wichita, Kansas	
Project Number	8
468 76 245 82243 000 000 001	9

TIMBER RIDGE 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



State of Kansas) SS We, Baughman Company, P.A., Surveyors in
Sedgwick County) do hereby certify that we have surveyed
and platted "TIMBER RIDGE 2ND ADDITION", Wichita, Sedgwick County,
Kansas and that the accompanying plat is a true and correct exhibit of
the property surveyed, described as that part of the NW1/4 of Sec. 8,
Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas, beg-
inning at the N.W. corner of said NW1/4; thence N 86°30'23" E, along
the north line of said NW1/4, 1667.74 feet; thence S 02°50'33" E,
parallel with the east line of said NW1/4, 1034.36 feet; thence
S 66°30'23" W, parallel with the north line of said NW1/4, 1681.96 feet
to a point on the west line of said NW1/4; thence N 02°03'20" W,
along the west line of said NW1/4, 1034.62 feet to beginning, except
therefrom those portions deeded for road purposes and recorded on
Film 226, page 257; Film 226, Page 258; Film 226, Page 259 and
Film 229, Page 1 and except therefrom that part dedicated to the
for street purposes and recorded on Film 706, Page 603.
Existing public easements and dedications being vacated
by virtue of K.S.A. 12-512(b).

Baughman Company, P.A.

Date _____ Surveyor
Mark A. Savoy

Know all men by these presents that we,
the undersigned, have caused the land described in the surveyors cer-
tificate to be platted into Lots, Blocks, and Streets to be known as
"TIMBER RIDGE 2ND ADDITION", Wichita, Sedgwick County, Kansas. The
wall easements are hereby granted as indicated for the construction and main-
tenance of a private screening wall and utility main lines and
service lines are allowed to cross these easements. The utility ease-
ments are hereby granted as indicated for the construction and main-
tenance of all public utilities. The streets are hereby dedicated to
and for the use of the public. All abutters rights of access to or
from Maize Rd, over and across the west line of Lots 13, 14, 15,
and 16, Block 1 and Lots 1, 2, and 3, Block 3 and to or from 21st
St. No. over and across the north line of Lots 1, 15, 16, 17, and 18,
Block 1 and to or from 20th St. No. over and across the south line
of Lots 13 and 14, Block 1 are hereby granted to the appropriate
governing body, provided however that Lots 13, 14, and 16 shall have
access to Maize Rd at one location each and that Lot 15 shall have
access to Maize Rd at one location over all except the north 40 feet
of the west line thereof and that Lot 15 shall have access to 21st
St. No. at one location over all except the west 100 feet of the north
line thereof, that Lot 16 shall have access to Maize Rd at two loca-
tions and that Lots 17 and 18 shall have access to 21st St No at one
location each, all as shall be determined by the Engineer of the app-
ropriate governing body. The storm sewer easement is hereby granted
as indicated for the construction and maintenance of a storm
sewer.

Josephine C. Weber Irrevocable Trust dated 12-28-87

John F. Weber Co-Trustee

Marlene K. Hartman Co-Trustee

Mary Jo Hieger Co-Trustee

Josephine C. Weber Trust dated 2-1-88

Josephine C. Weber Trustee

Equitable Interest Holder B & E, Inc.

Matthias F. Eck President

This plat of "TIMBER RIDGE 2ND ADDITION",
Wichita, Sedgwick County, Kansas has been submitted to and approved
by the Wichita-Sedgwick County Metropolitan Area Planning Commission,
Wichita, Kansas.
Dated this _____ day of _____, 19____,
Wichita-Sedgwick County Metropolitan Area Planning Commission.

Christopher J. Goebel Chairman

Marvin S. Kraut Secretary

This plat approved and all dedications shown
hereon, accepted by the City Council of the City of Wichita, Kansas,
this _____ day of _____, 19____.

Bob Knight Mayor

Pat Burnett Deputy City Clerk

Entered on transfer record, this _____ day
of _____, 19____.

Don Wright County Clerk

State of Kansas) SS This is to certify that this plat has been
Sedgwick County) filed for record in the office of the Register of Deeds, this _____ day
of _____, 19____, at _____ o'clock _____ M., and is duly
recorded.

Pat Kettler Register of Deeds

Ed Resa Deputy

State of Kansas) SS The foregoing instrument acknowledged be-
Sedgwick County) fore me, this _____ day of _____, 19____, by
John F. Weber, Marlene K. Hartman and Mary Jo Hieger, Co-Trustees
of the Josephine C. Weber Irrevocable Trust dated 12-28-87, on be-
half of the Trust.

Notary Public
My App't. Exp. _____

State of Kansas) SS The foregoing instrument acknowledged be-
Sedgwick County) fore me, this _____ day of _____, 19____, by
Josephine C. Weber, Trustee of the Josephine C. Weber Trust dated
2-1-88, on behalf of the Trust

Notary Public
My App't. Exp. _____

State of Kansas) SS The foregoing instrument acknowledged be-
Sedgwick County) fore me, this _____ day of _____, 19____, by
Matthias F. Eck, President of B & E, Inc., on behalf of the corporation.

Notary Public
My App't. Exp. _____

ADDITION PLAT COPY				
TIMBER RIDGE 2ND ADDITION				
BAUGHMAN COMPANY P. A.				
ENGINEERING & SURVEYING				
316/232-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER	DATE	SCALE	SHEET	TOTAL SHEETS
DESIGN	DRAWN	UTIL. CHECKED	DATE	NOTED
			2/24/93	9