

BENCHMARKS:

#1 City Standard Disk 42.3' South of Pawnee Rd. Centerline and 49.5' West of Maize Rd. Centerline. Elev. = 135.12 City Datum

#2 "O" on NE Cor of Conc Box Culvert 198' South of Pawnee Rd. Centerline and 19' East of Maize Rd. Centerline. Elev. = 134.53 City Datum

#3 Railroad Spike in SE side of Power Pole 64'± West of centerline of driveway (House #10106) & 31' North of Pawnee Rd. centerline. Elev. = 129.29 City Datum

NOTE

Remove Trees only as necessary for Construction of Drainage Channel. Cost of Removal to be Incidental to Project Cost.

Sta. 0+00
Begin Re-Channelization Excavation. Construct 12' Wide Channel w/ 4:1 Sideslopes. Grade Existg. Ditch to Match Channel.

Sta 3+69.4
End Channelization Grade Channel to Match Existg. Ditch

Sta 1+55.2 Construct Spillway. Install Approx. 51 S.Y. Concrete Bag Rip-Rap as Indicated. (See Rip-Rap Detail)

Curve #1

Curve Data Based on Centerline
Rad = 50' Delta = 58°14'08" Tangent = 27.85'
Arc = 50.82' L.C. = 49.66' Del/Fl = 34.37754 Min.

Station	Arc	FACE CHORD LENGTHS		Defl	T. Defl
		6 Lt.	6 Rt.		
0+00.00	-	-	-	0°00'00"	0°00'00"
0+25.00	25.00'	27.71'	21.77'	1419'26"	1419'26"
0+50.00	25.00'	27.71'	21.77'	1419'26"	28'38'52"
0+50.80	0.80'	0.90'	0.70'	0°27'30"	29°16'23"

Curve #2

Curve Data Based on Centerline
Rad = 131.87' Delta = 34°16'05" Tangent = 40.65'
Arc = 78.87' L.C. = 77.70' Del/Fl = 13.03464 Min.

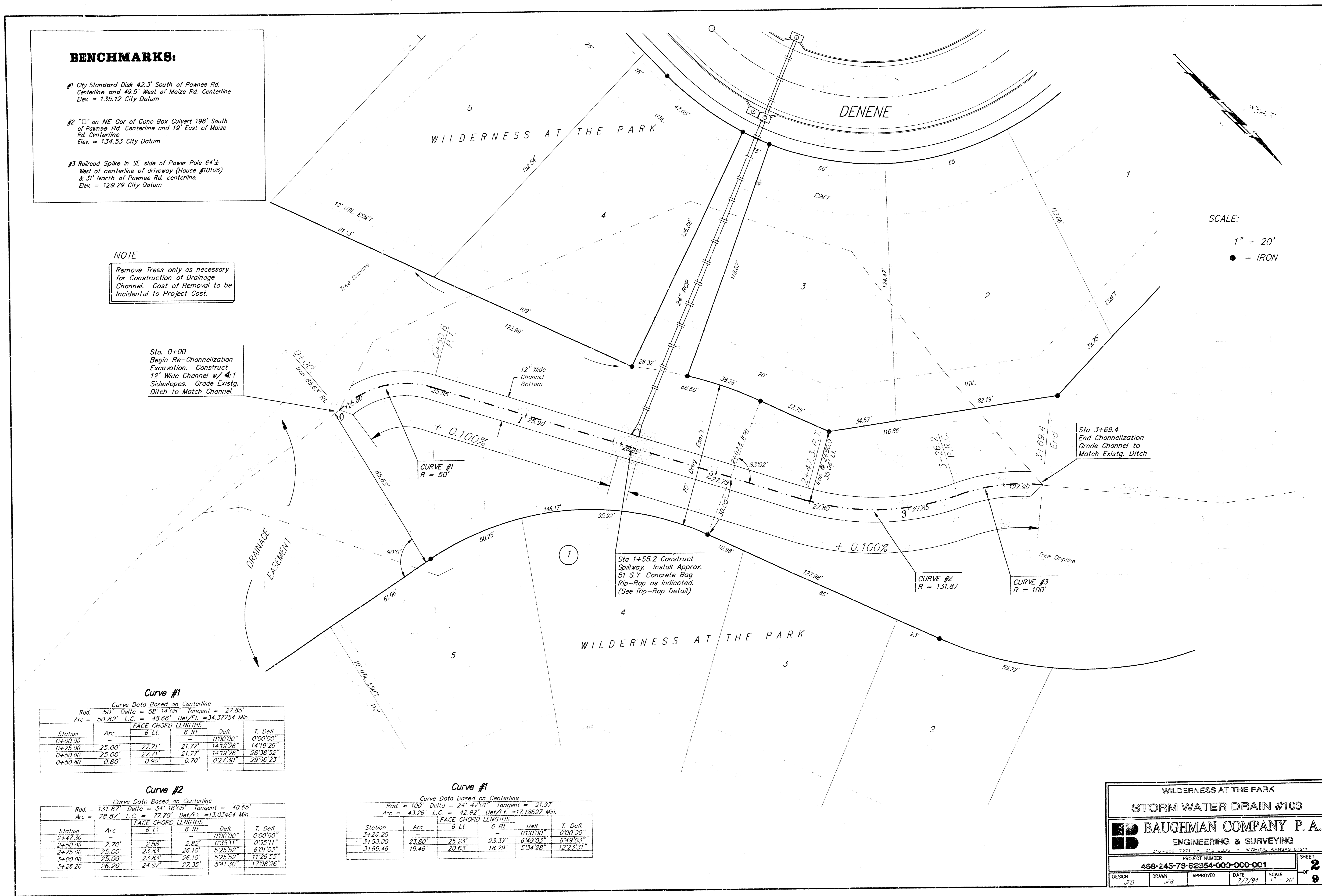
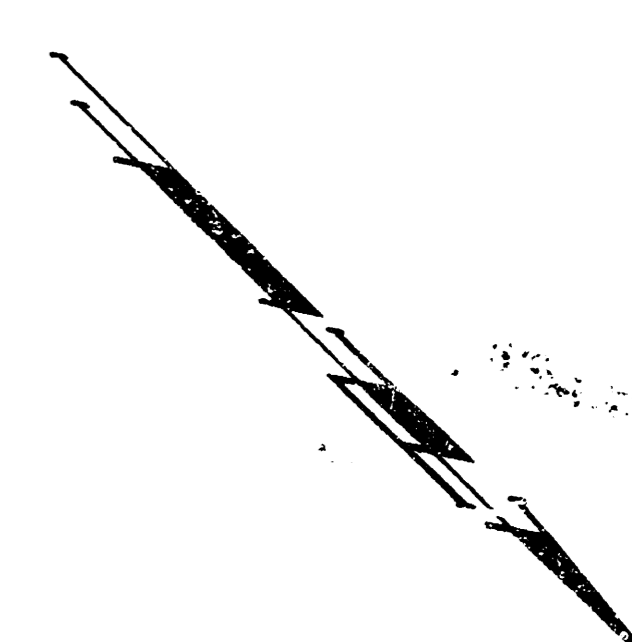
Station	Arc	FACE CHORD LENGTHS		Defl	T. Defl
		6 Lt.	6 Rt.		
2+47.30	-	-	-	0°00'00"	0°00'00"
2+50.00	2.70'	2.58'	2.82'	0°35'11"	0°35'11"
2+75.00	25.00'	23.83'	26.10'	5°25'52"	6°01'03"
3+00.00	25.00'	23.83'	26.10'	5°25'52"	11°26'55"
3+26.20	26.20'	24.37'	27.35'	5°41'30"	17°08'26"

Curve #1

Curve Data Based on Centerline
Rad = 100' Delta = 24°47'01" Tangent = 21.97'
Arc = 43.26' L.C. = 42.92' Del/Fl = 17.18697 Min.

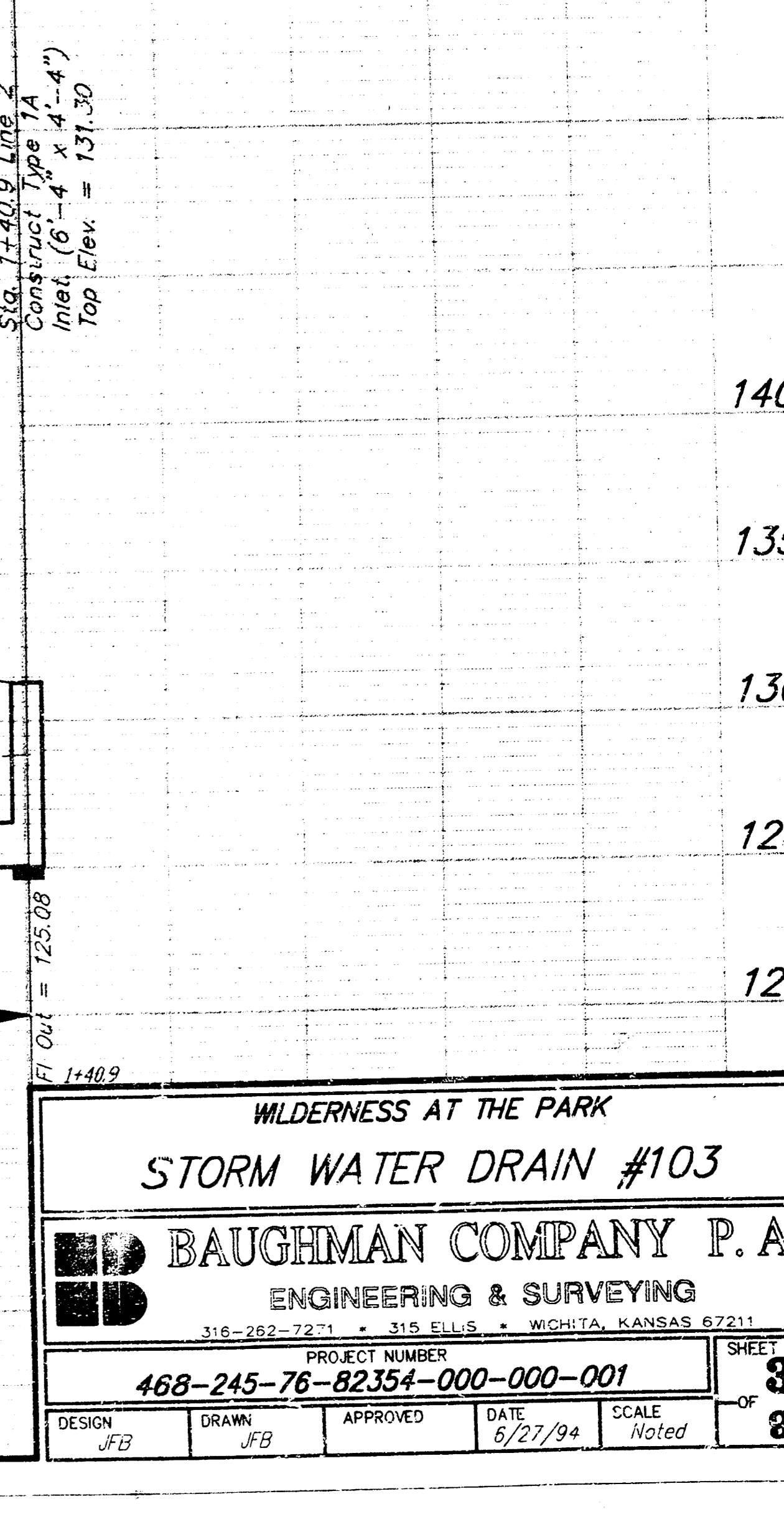
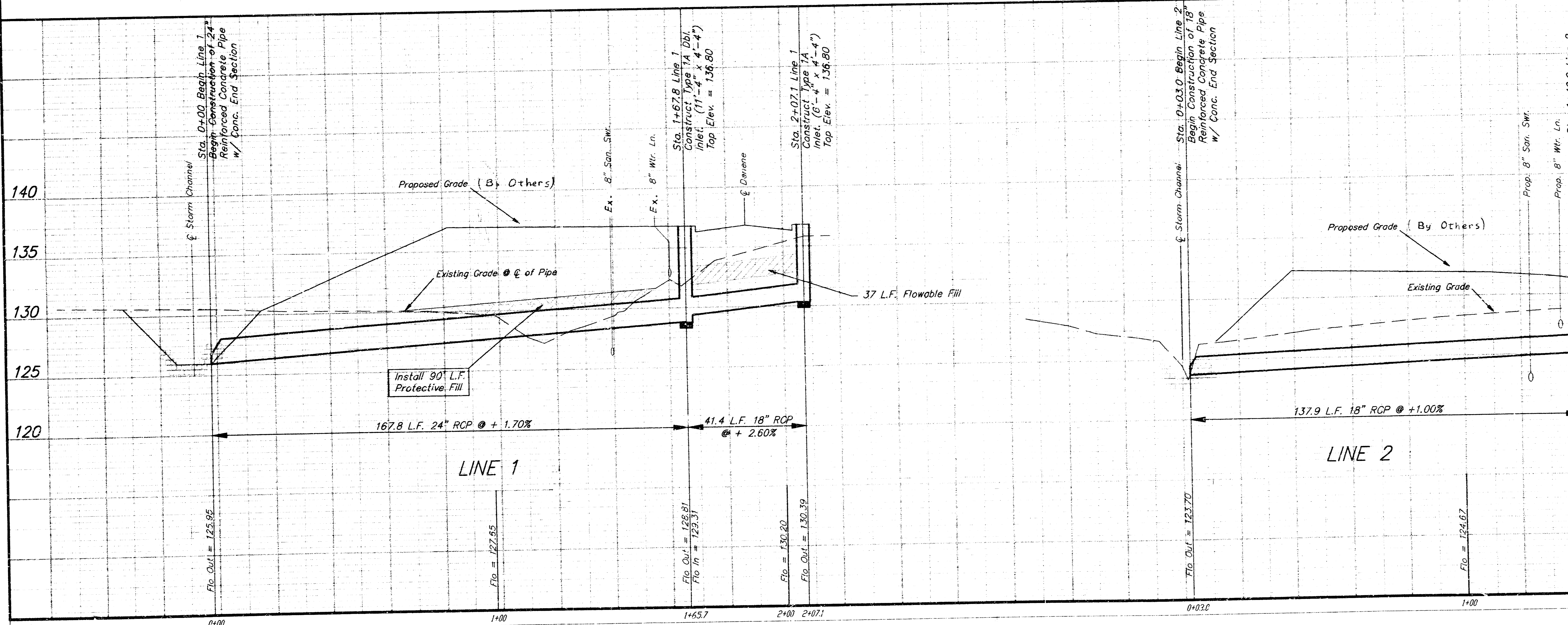
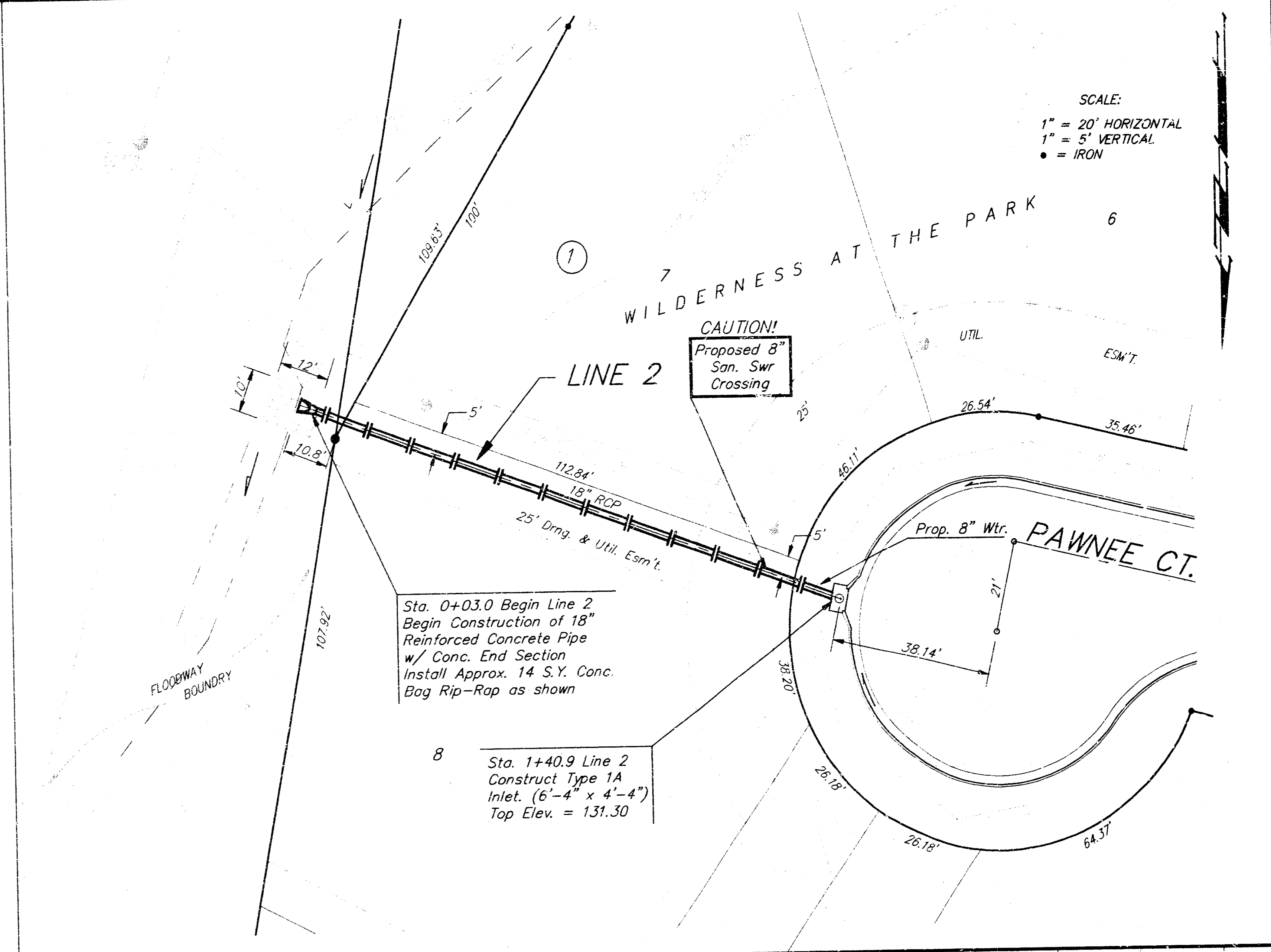
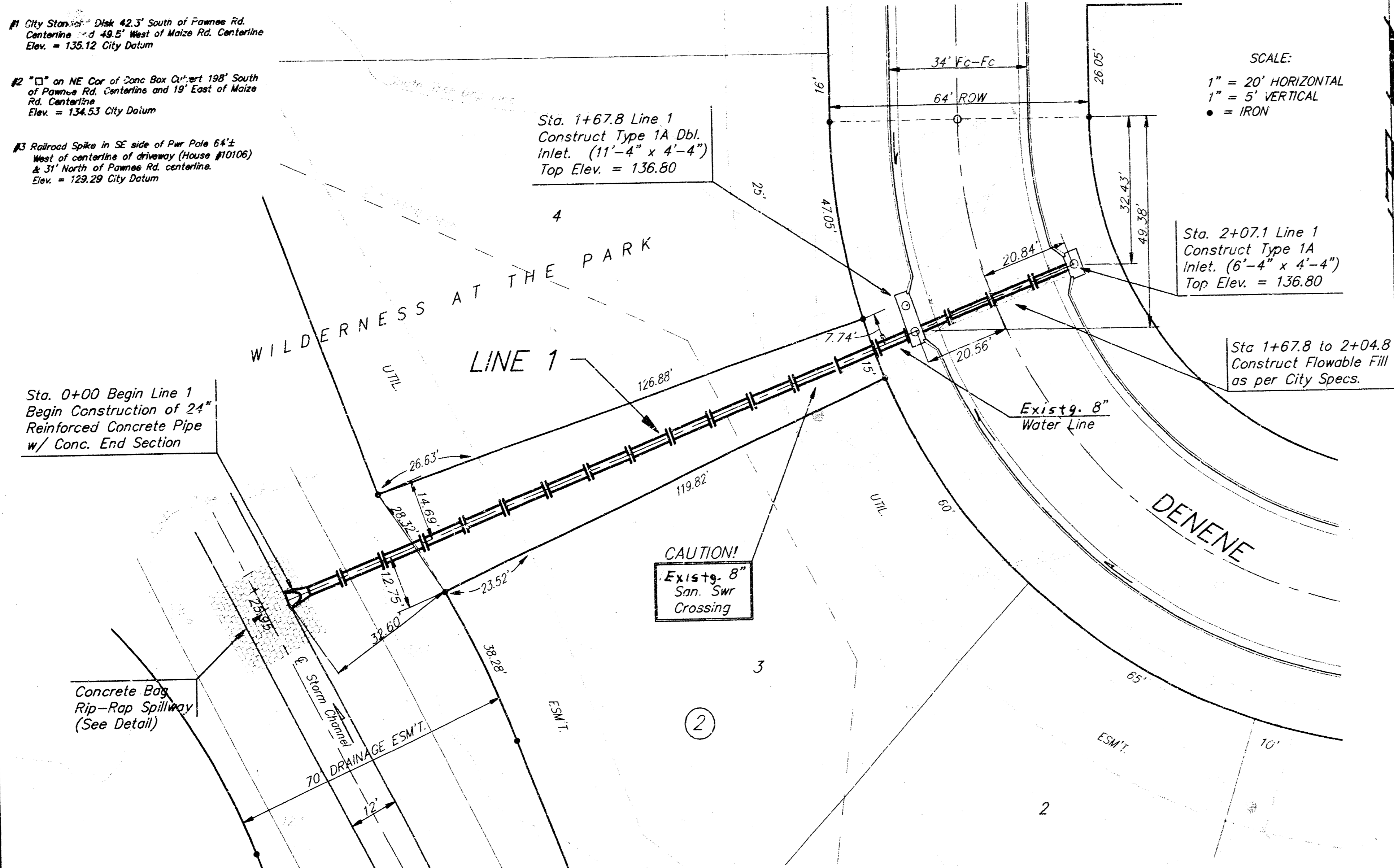
Station	Arc	FACE CHORD LENGTHS		Defl	T. Defl
		6 Lt.	6 Rt.		
3+26.20	-	-	-	0°00'00"	0°00'00"
3+50.30	23.80'	25.23'	23.37'	6°49'03"	6°49'03"
3+69.46	19.46'	20.63'	18.20'	5°34'28"	12°23'31"

SCALE:
1" = 20'
● = IRON



BENCHMARKS:

- #1 City Survey - Disk 42.3' South of Pawnee Rd. Centerline - 48.5' West of Moize Rd. Centerline. Elev. = 135.12 City Datum
- #2 "D" on NE Cor. of Zone Box Outlet 198' South of Pawnee Rd. Centerline and 19' East of Moize Rd. Centerline. Elev. = 134.53 City Datum
- #3 Railroad Spike in SE side of Paw Pole 64' West of centerline of driveway (House #10106) & 31' North of Pawnee Rd. centerline. Elev. = 129.29 City Datum



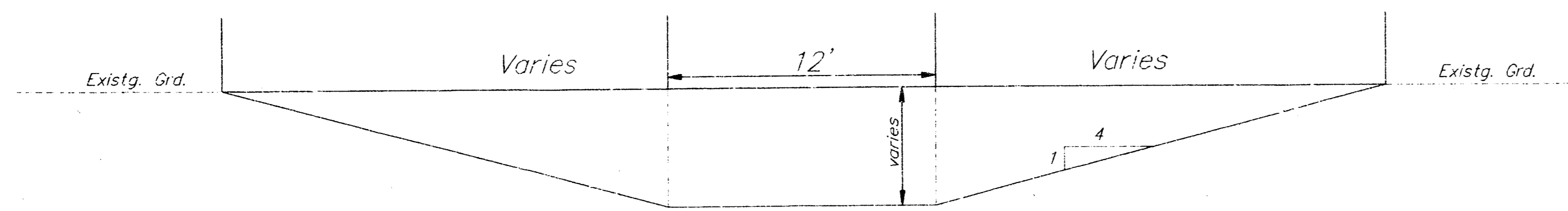
WILDERNESS AT THE PARK
STORM WATER DRAIN #103

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

PROJECT NUMBER: **468-245-76-82334-000-000-001**

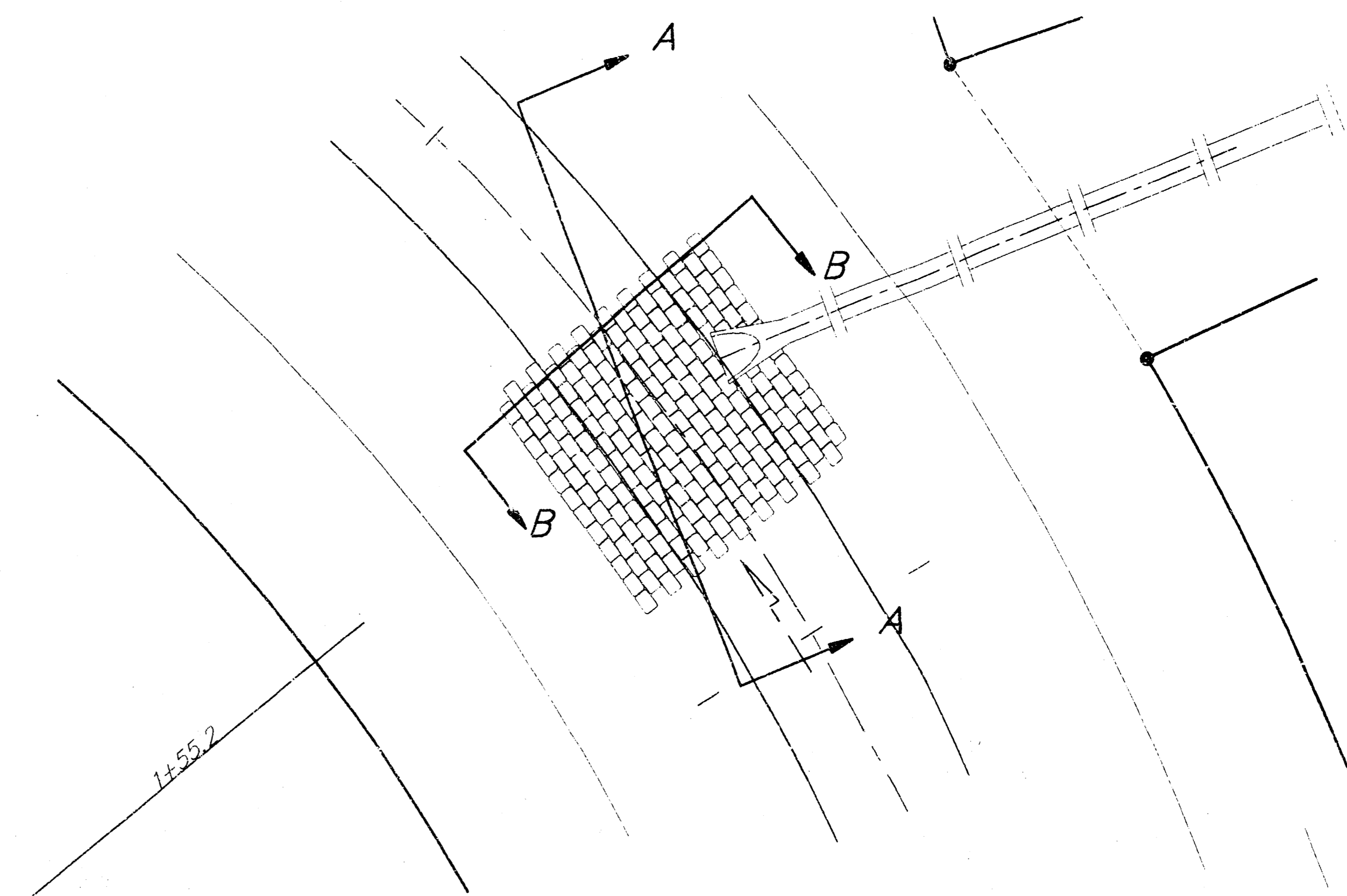
DESIGN: JFB DRAWN: JFB APPROVED: [Signature] DATE: 6/27/94 SCALE: Noted

SHEET **3** OF **3**

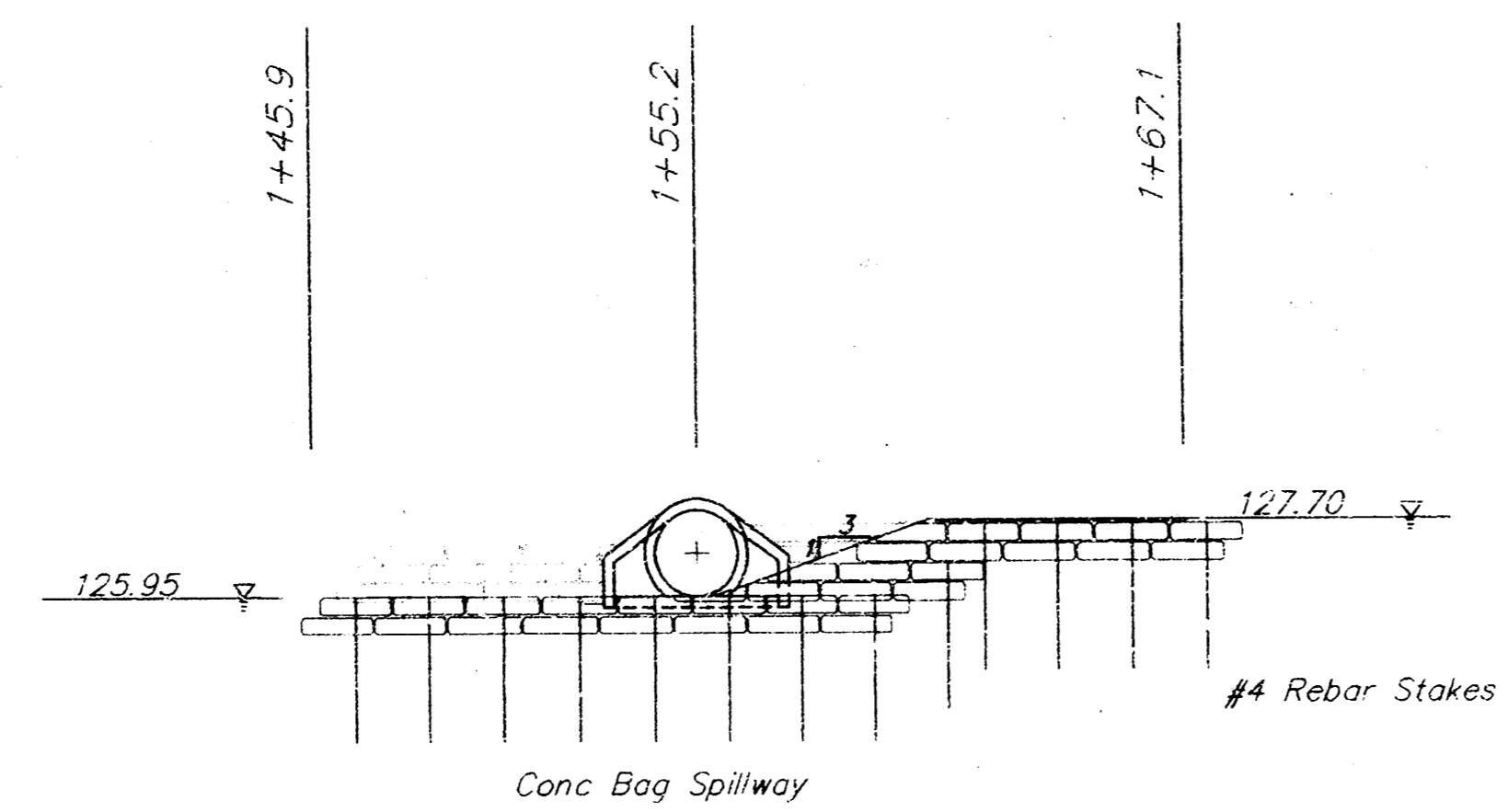


TYPICAL CHANNEL SECTION

Scale: 1" = 5'

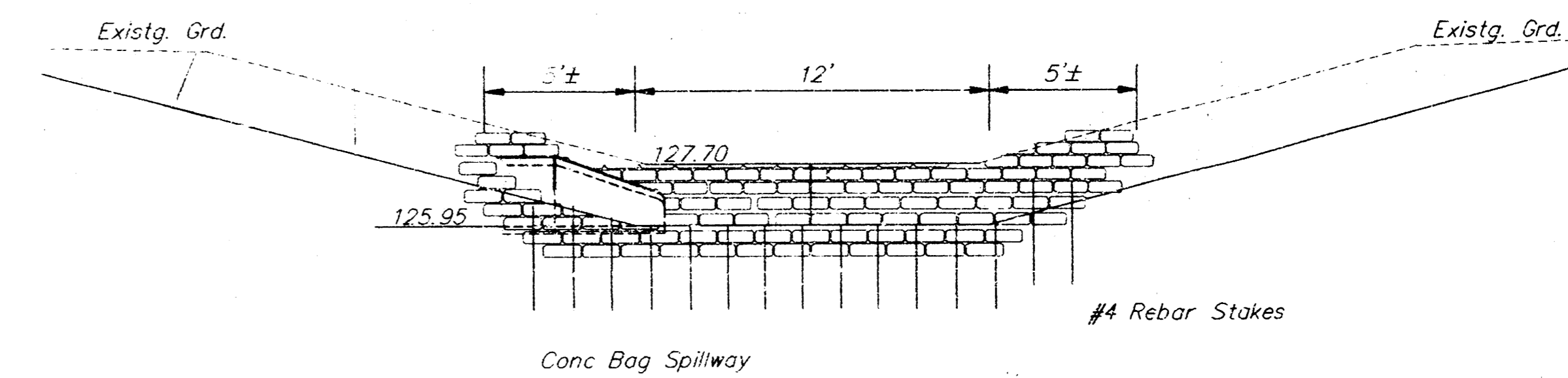


Scale: 1" = 10'



RIP-RAP DETAIL
(Sec. A-A)

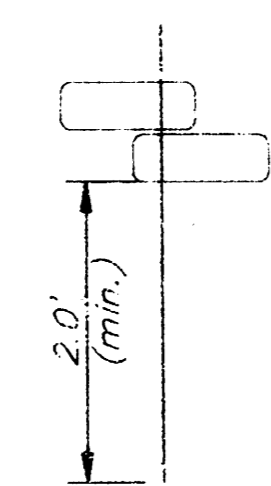
Scale: 1" = 5'



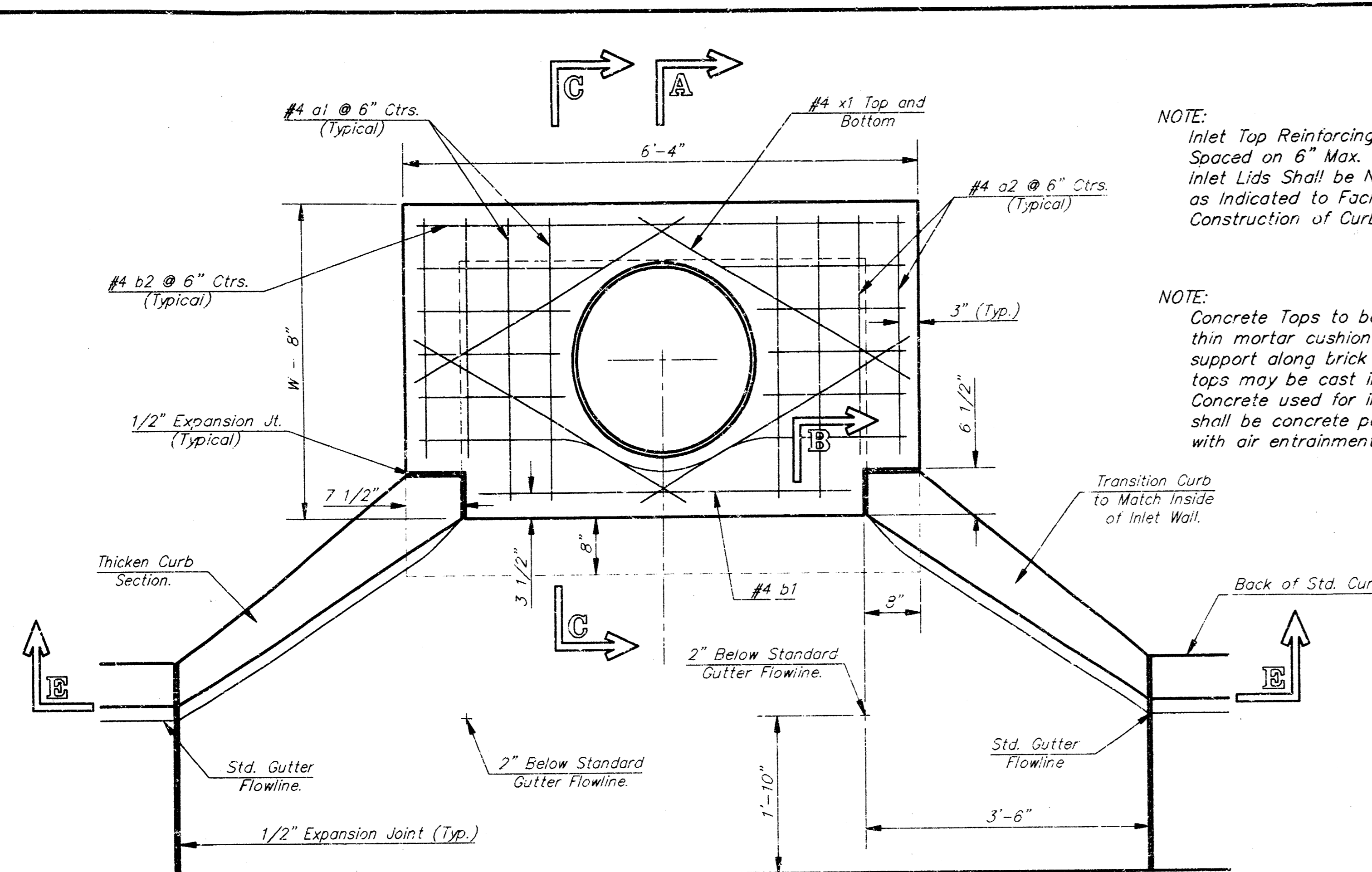
RIP-RAP DETAIL
(Sec. B-B)

Scale: 1" = 5'

Concrete Bag Rip-Rap shall be stacked in "pallet pattern" and staked together with #4 Re-bar and driven into the ground as shown.

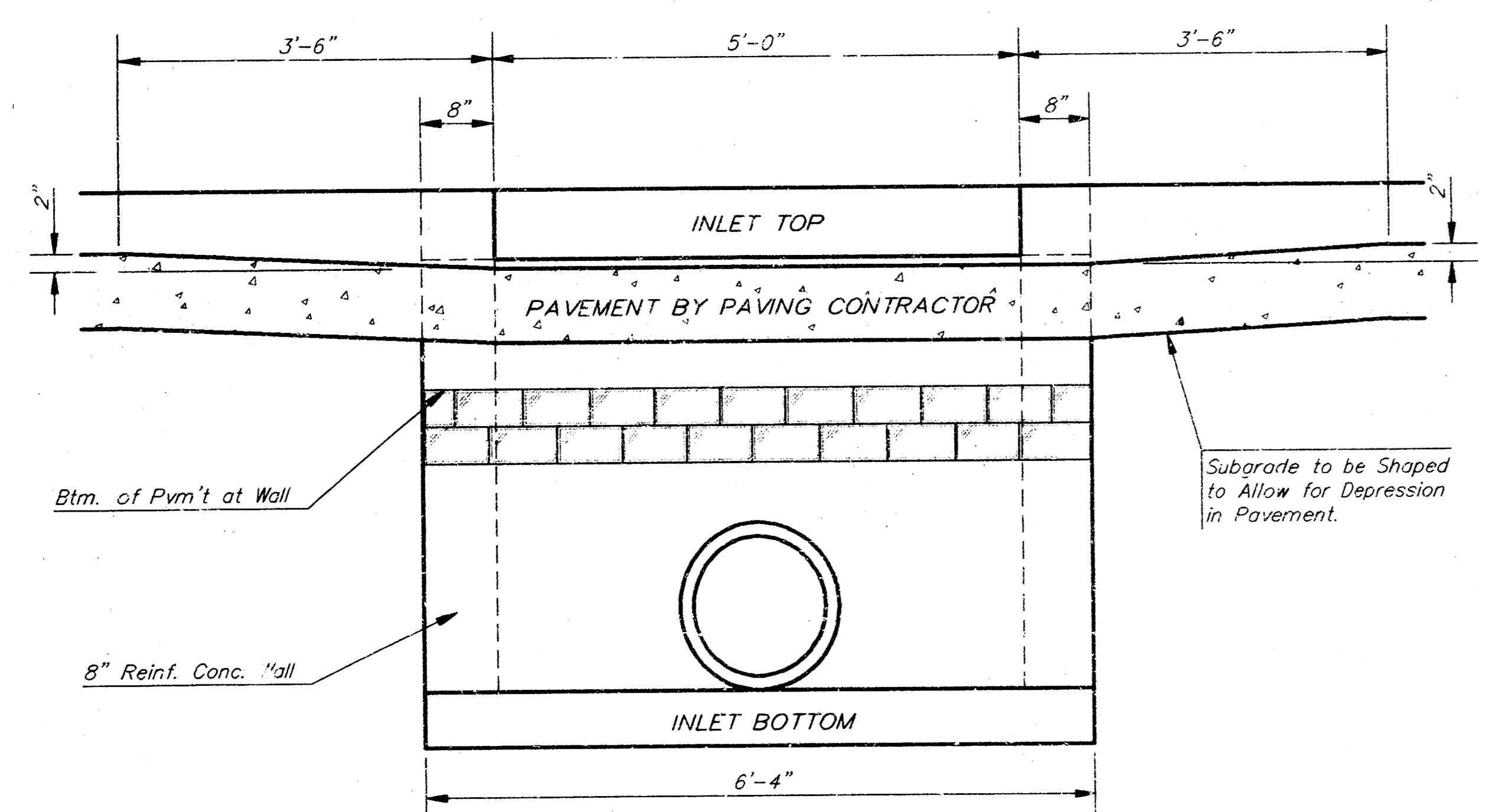


WILDERNESS AT THE PARK				
CHANNEL DETAILS				
Storm Water Drain #103				
BAUGHMAN COMPANY P. A.				
ENGINEERING & SURVEYING				
<small>310-282-7271 • 310 E. 8th St. • WICHITA, KANSAS 67211</small>				
PROJECT NUMBER 488-245-78-82-354-000-000-001				SHEET 4
DESIGN JFB	DRAWN JFB	APPROVED	DATE 7/6/94	SCALE Noted

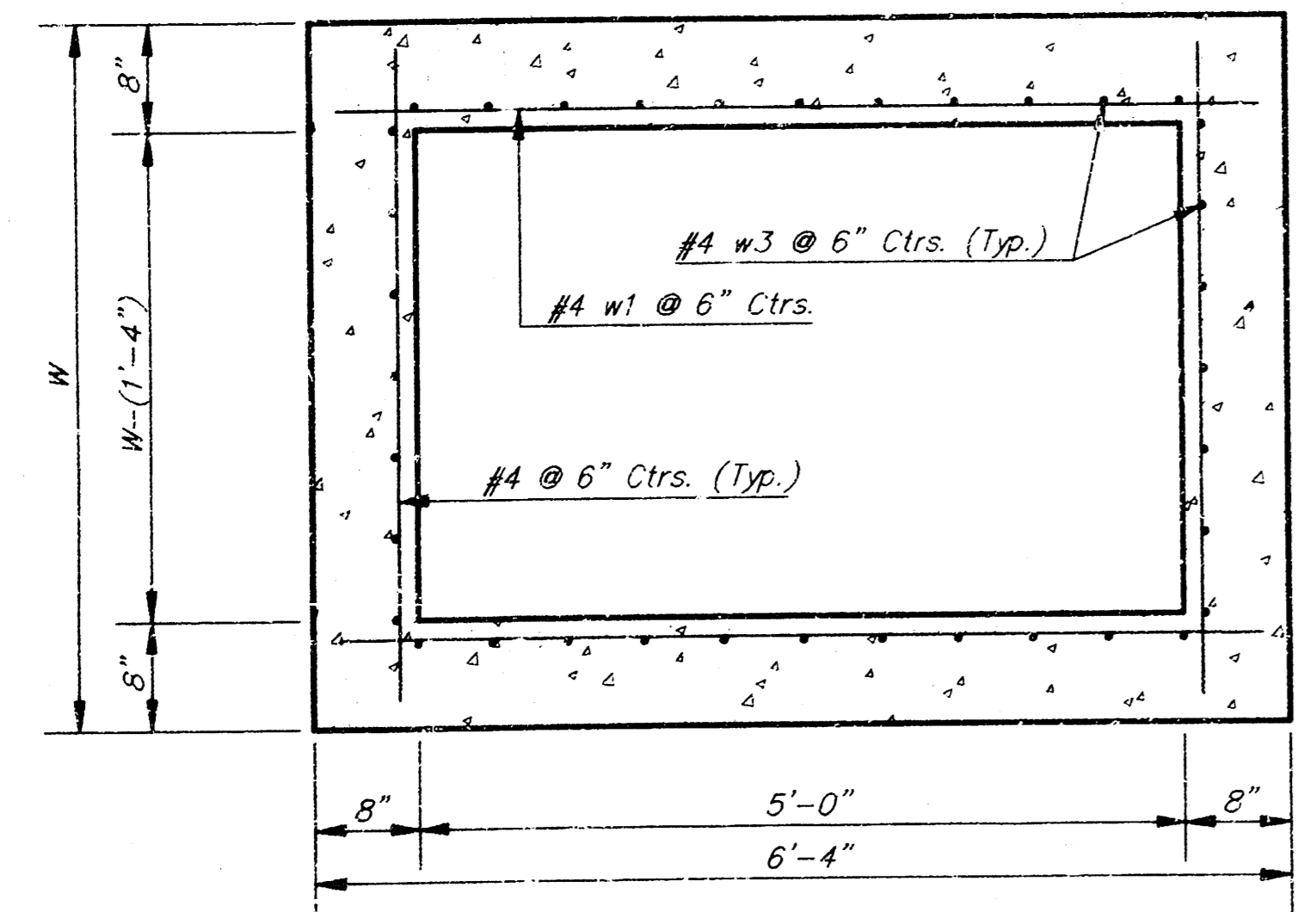


NOTE: Expansion Joint Only in Curb Area With Concrete Pavement.

PLAN



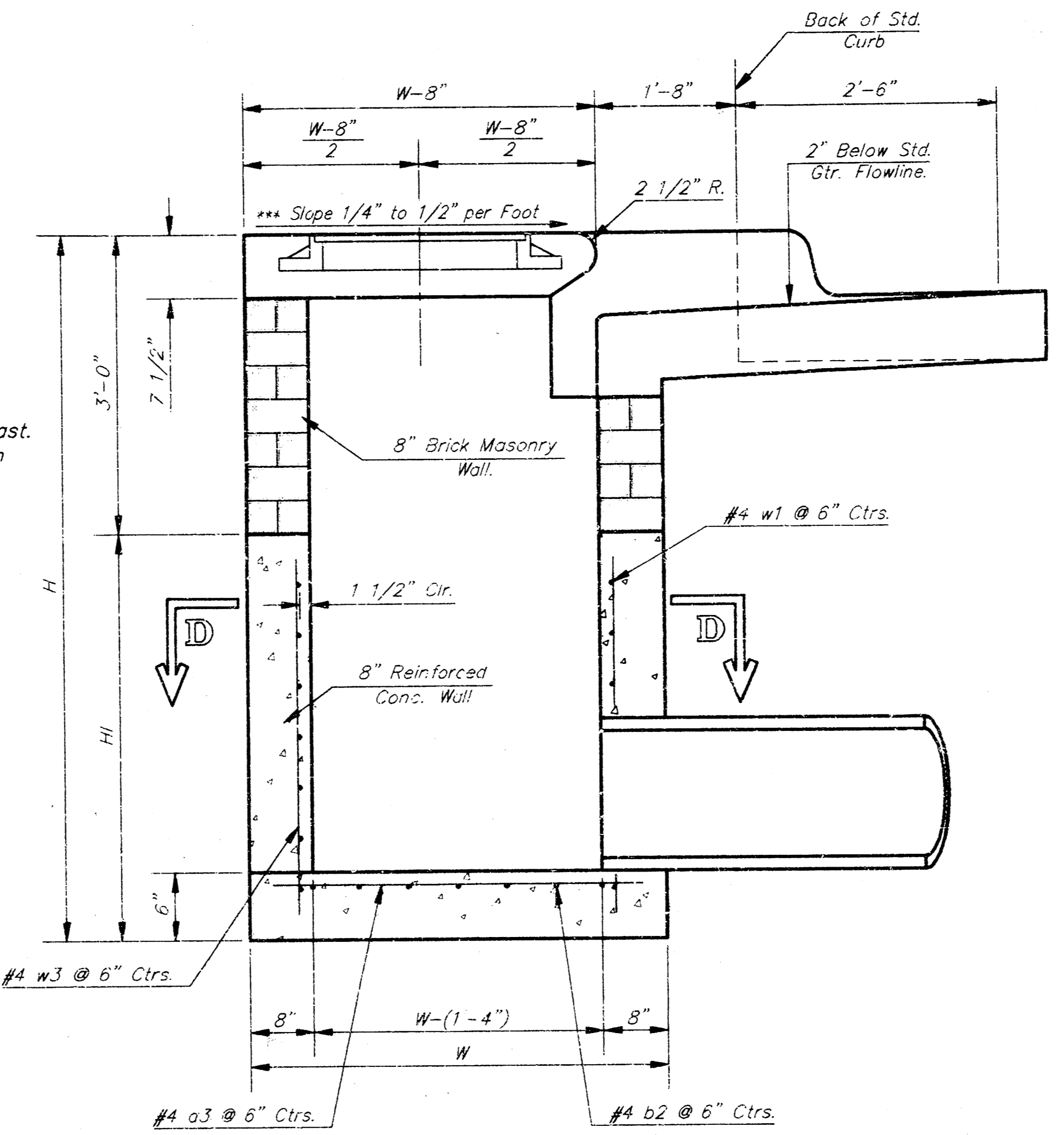
SECTION E-E



SECTION D-D

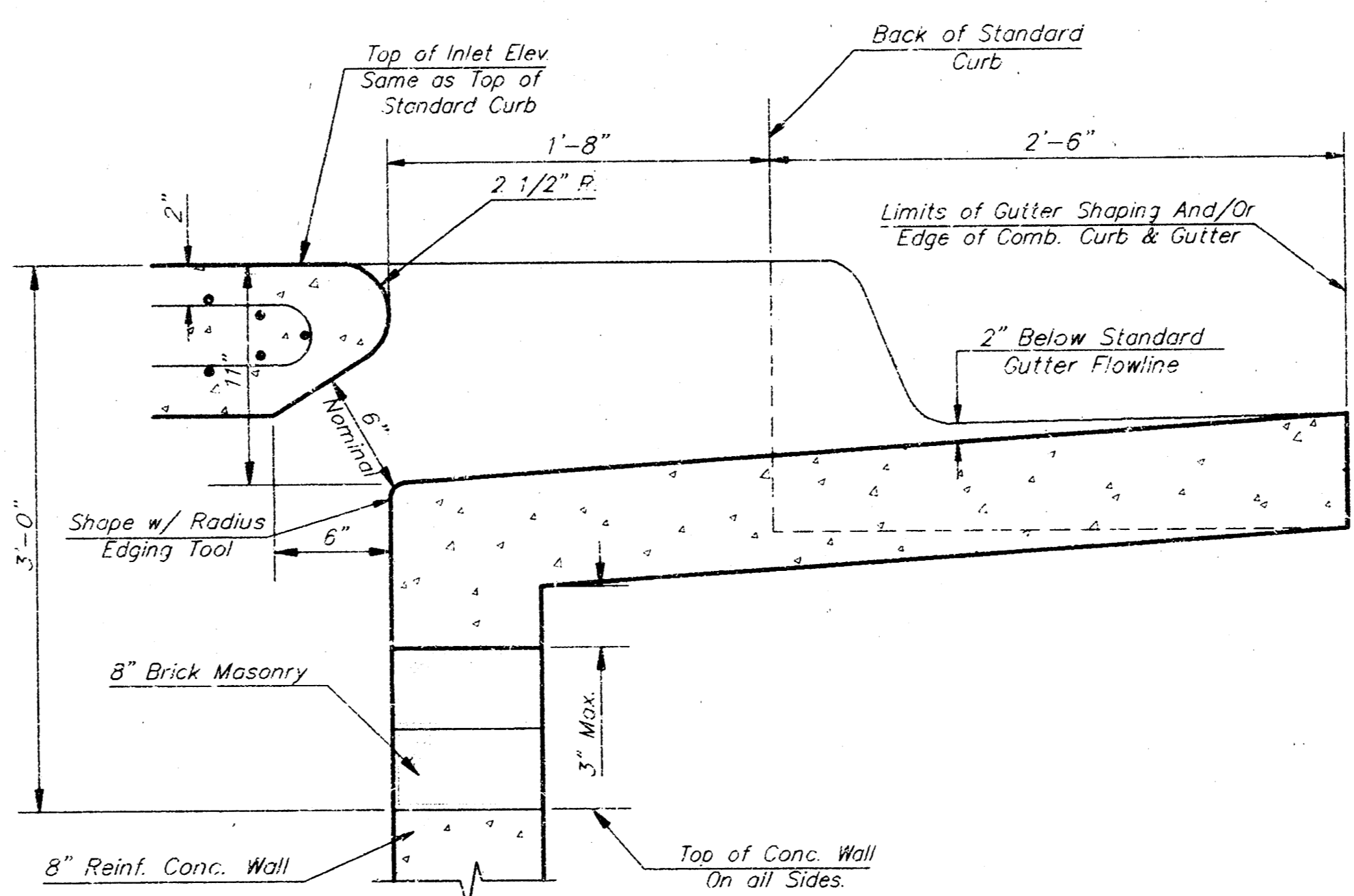
NOTE: Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids Shall be Notched Out as Indicated to Facilitate Construction of Curb.

NOTE: 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 with air entrainment.

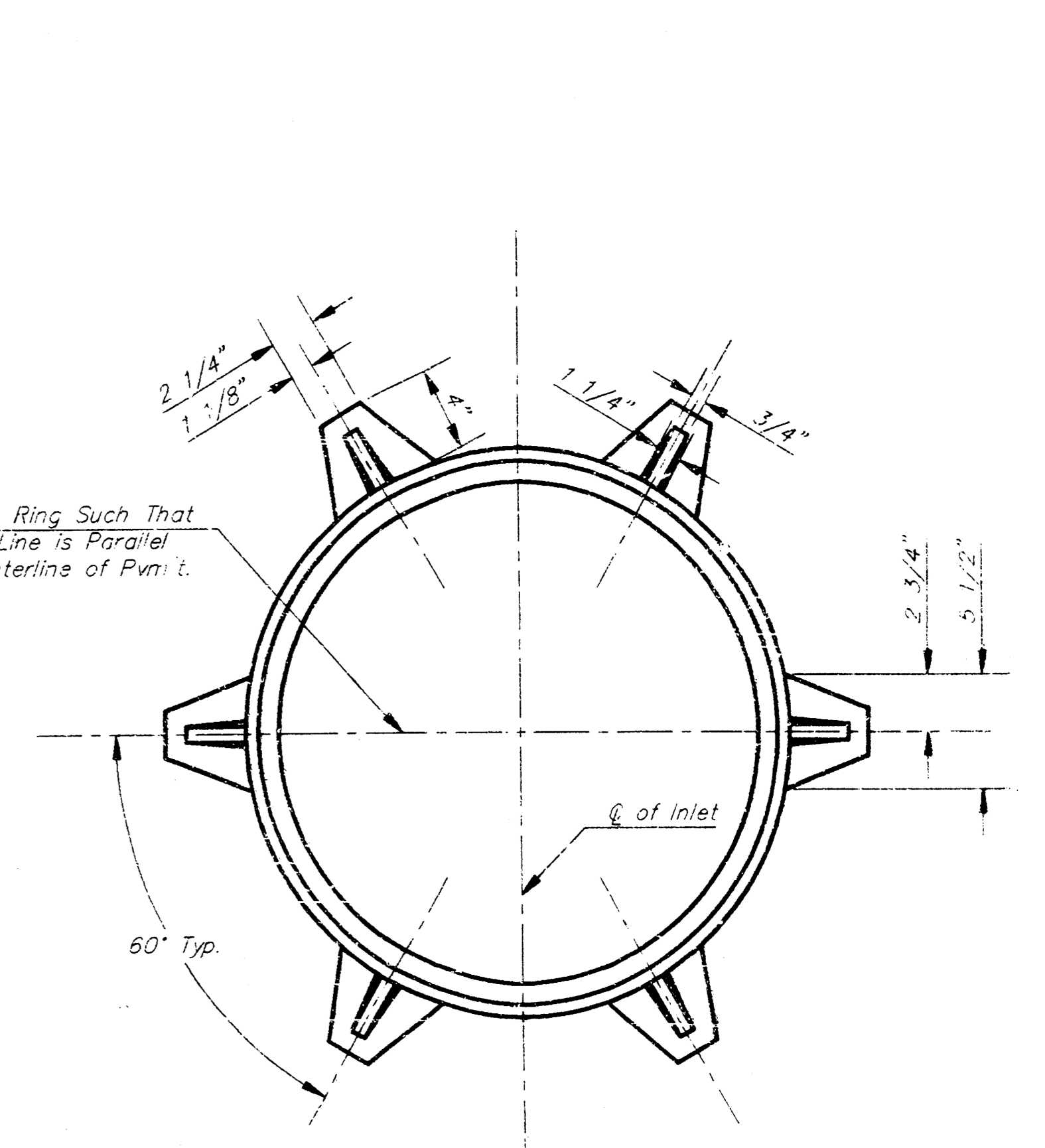


SECTION A-A

NOTE: Slope of Inlet tops to Match Sidewalk or Parking Slopes within Limits Indicated.



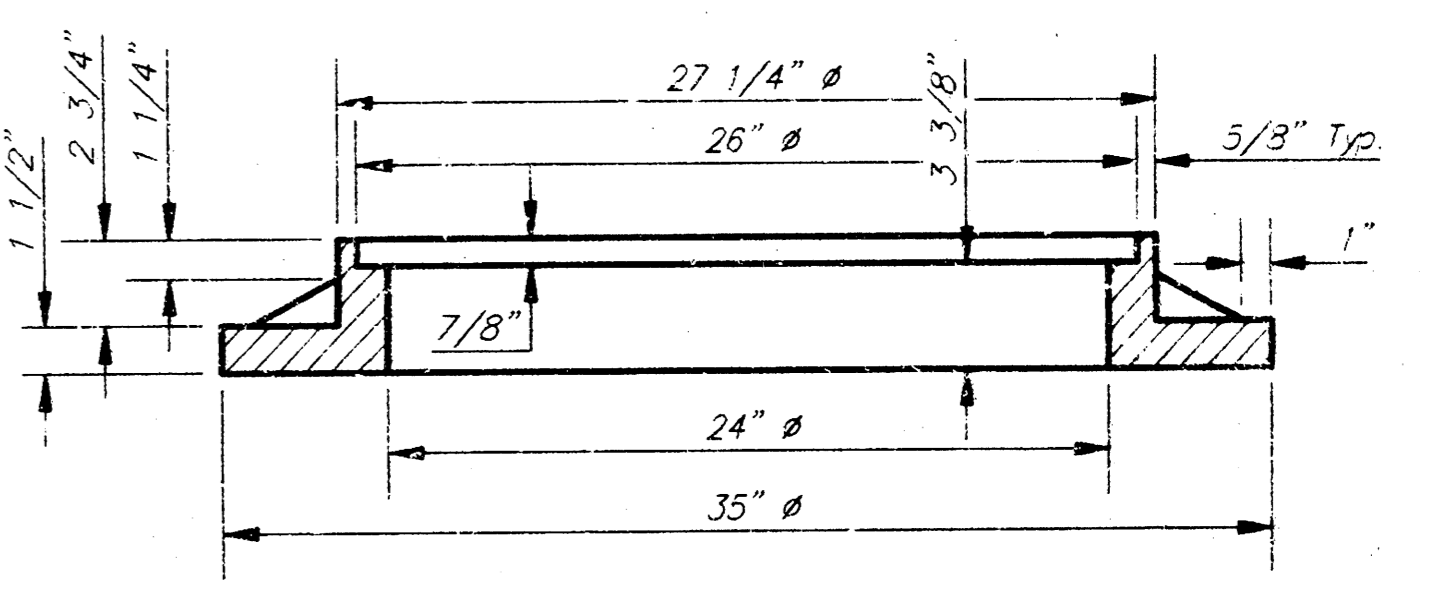
SECTION B-B



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.

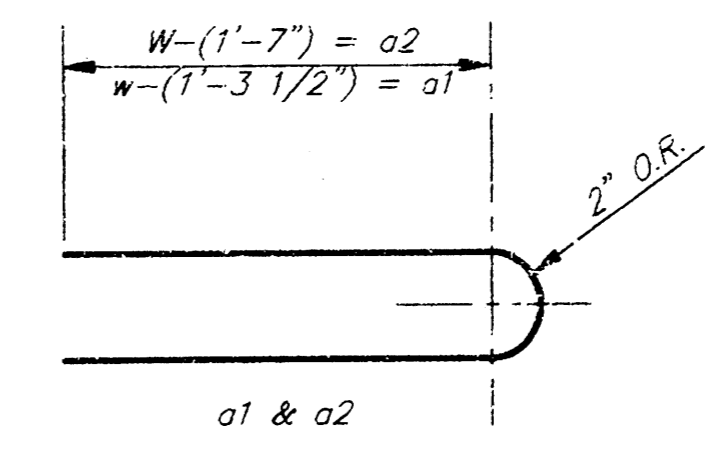


SECTION A-A

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	6	6'-7"	6	8'-7"	6	10'-7"	6	12'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
b2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"	47	6'-1"
w3	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	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	6'-1"	1	6'-1"	1	6'-1"	1	6'-1"	1	6'-1"
w2	#4	1	4'-1"	1	5'-1"	1	6'-1"	1	7'-1"	1	8'-1"
w3	#4	32	2	36	2	40	2	44	2	48	2

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



BENDING DIAGRAM

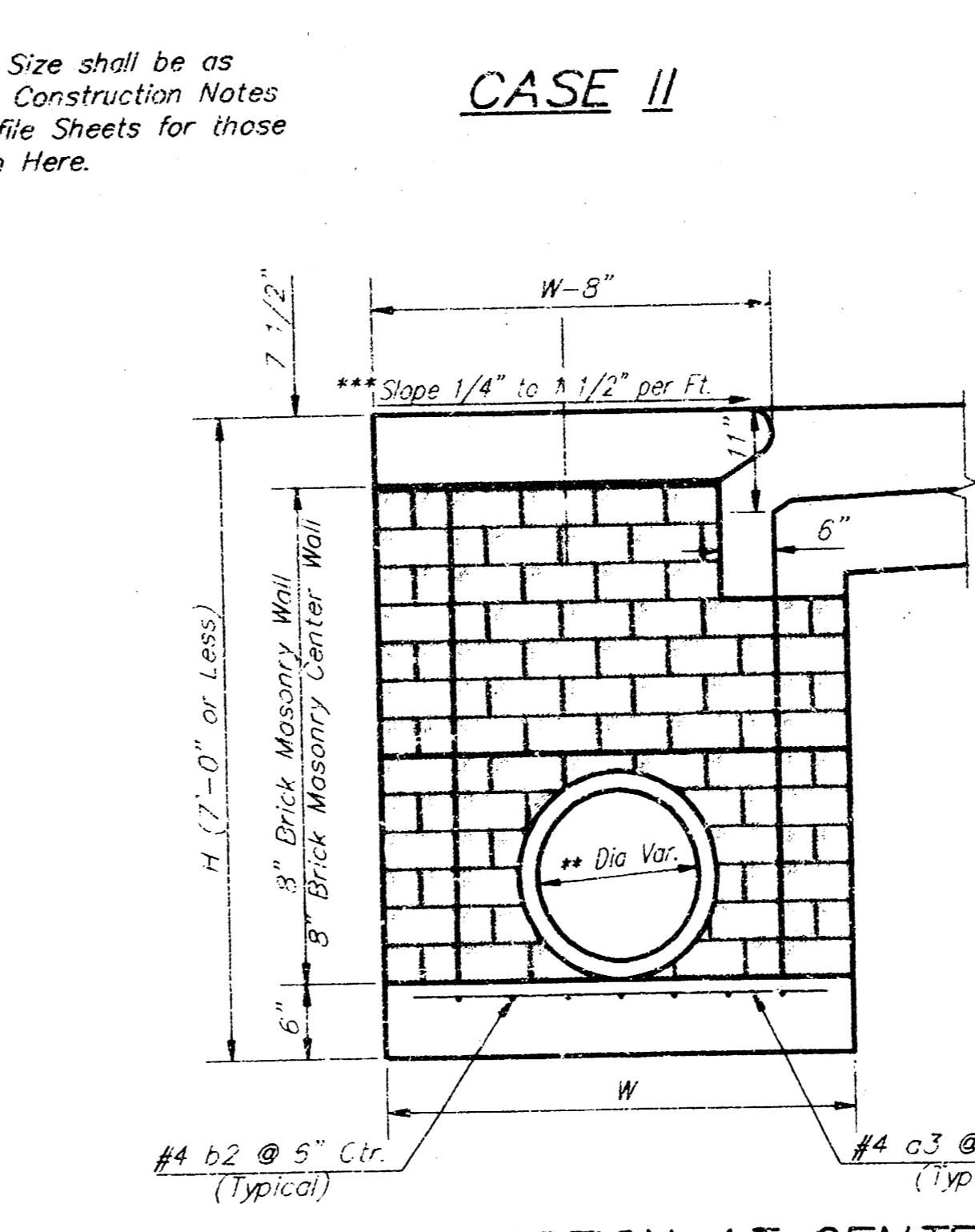
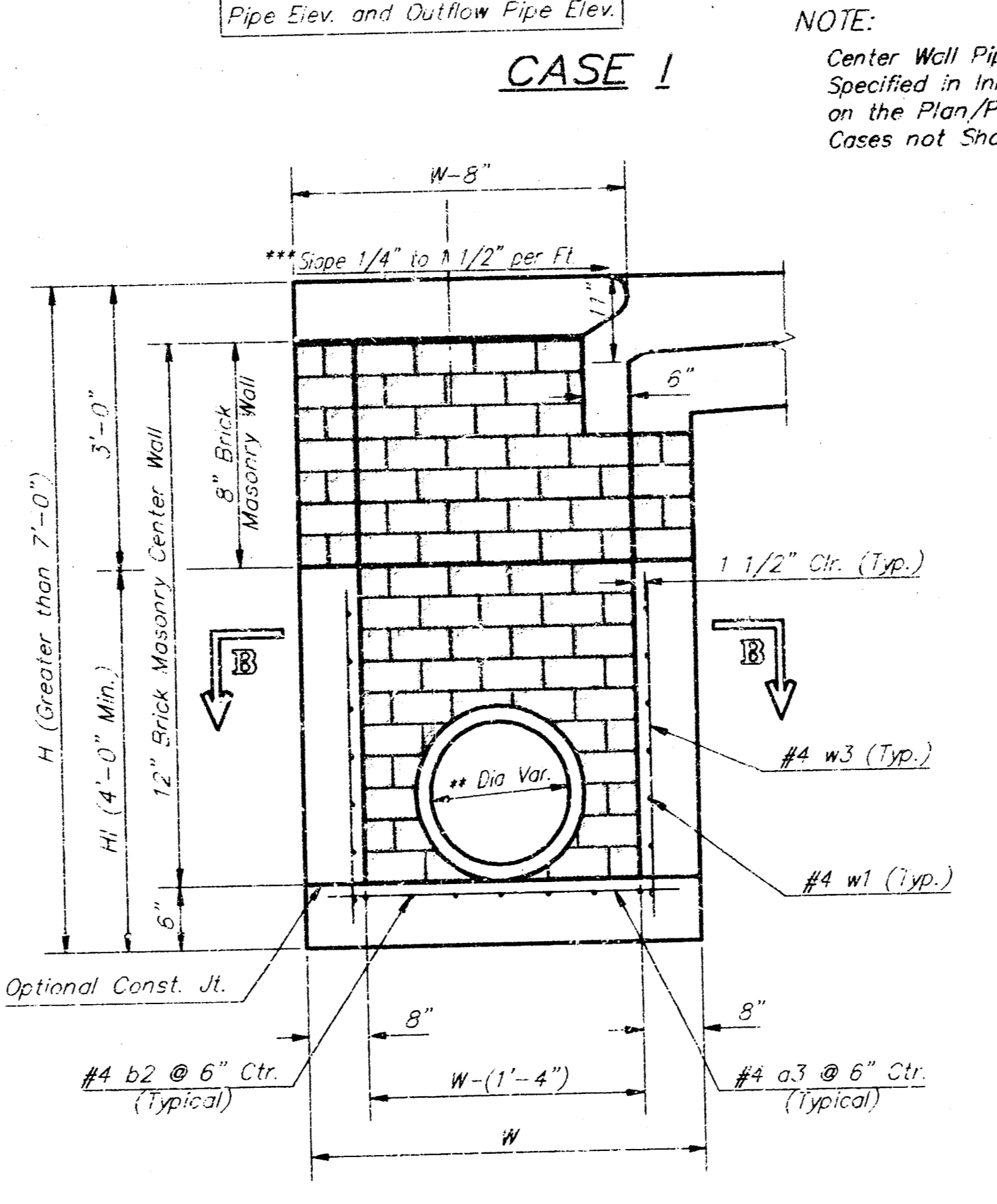
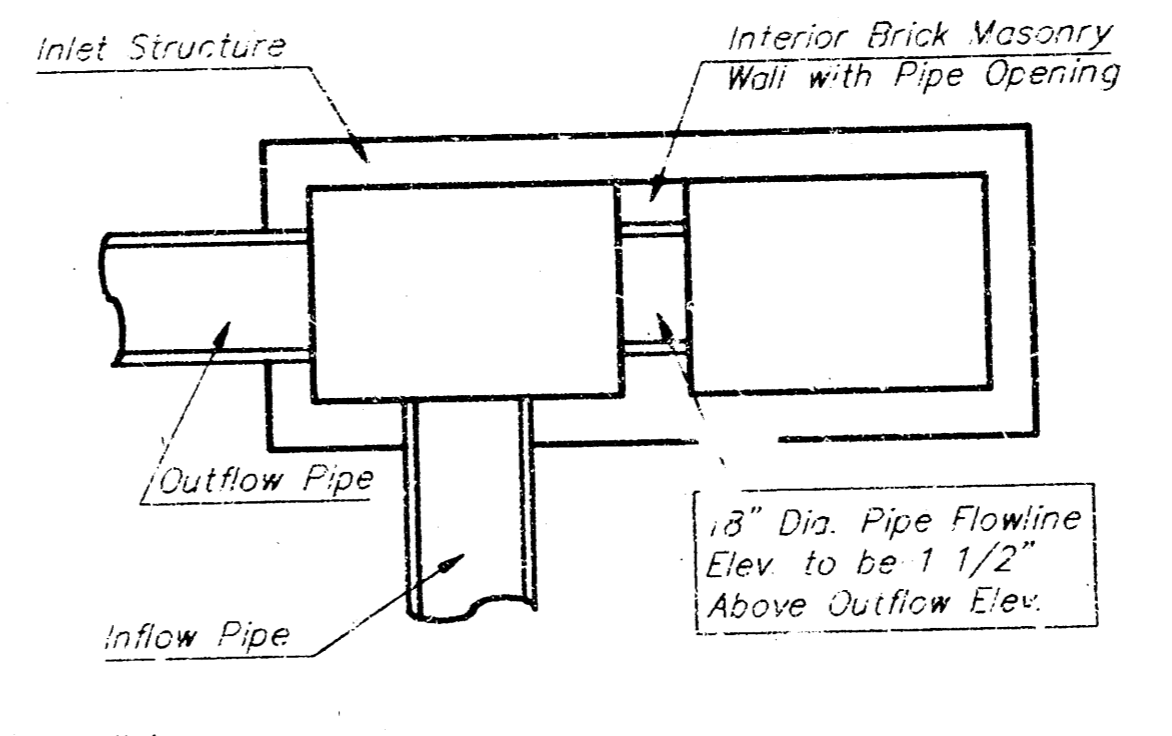
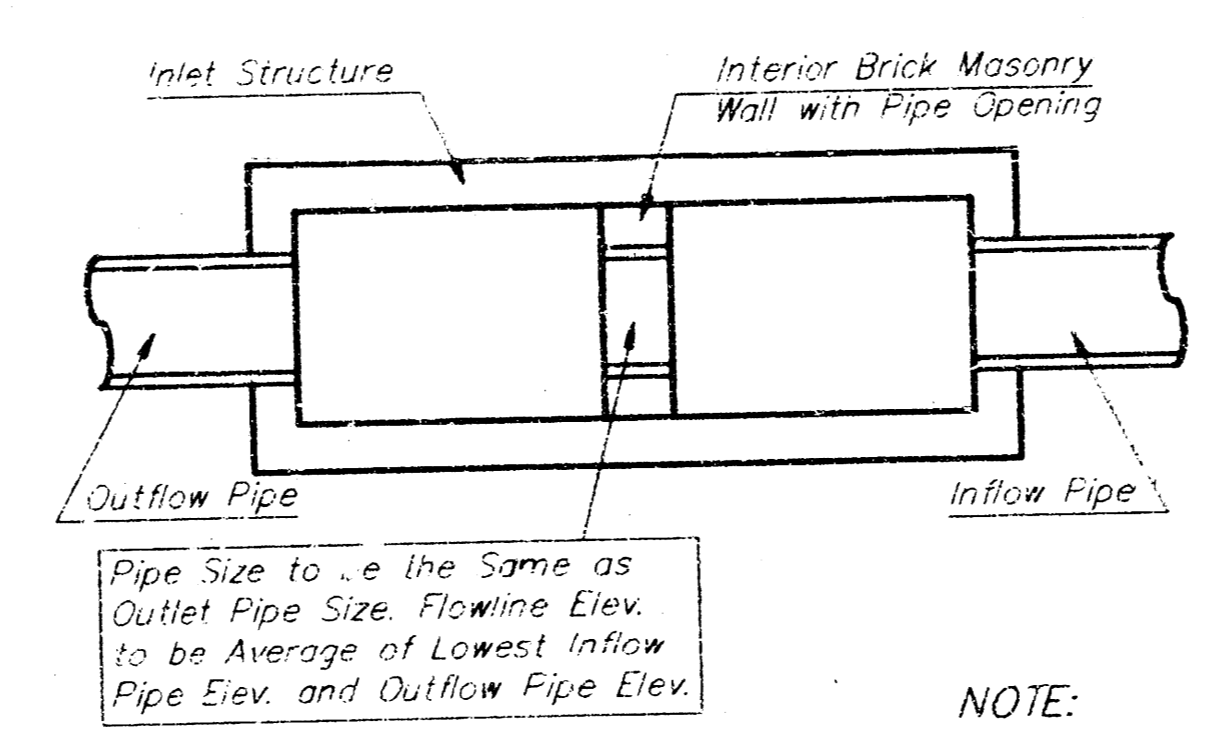
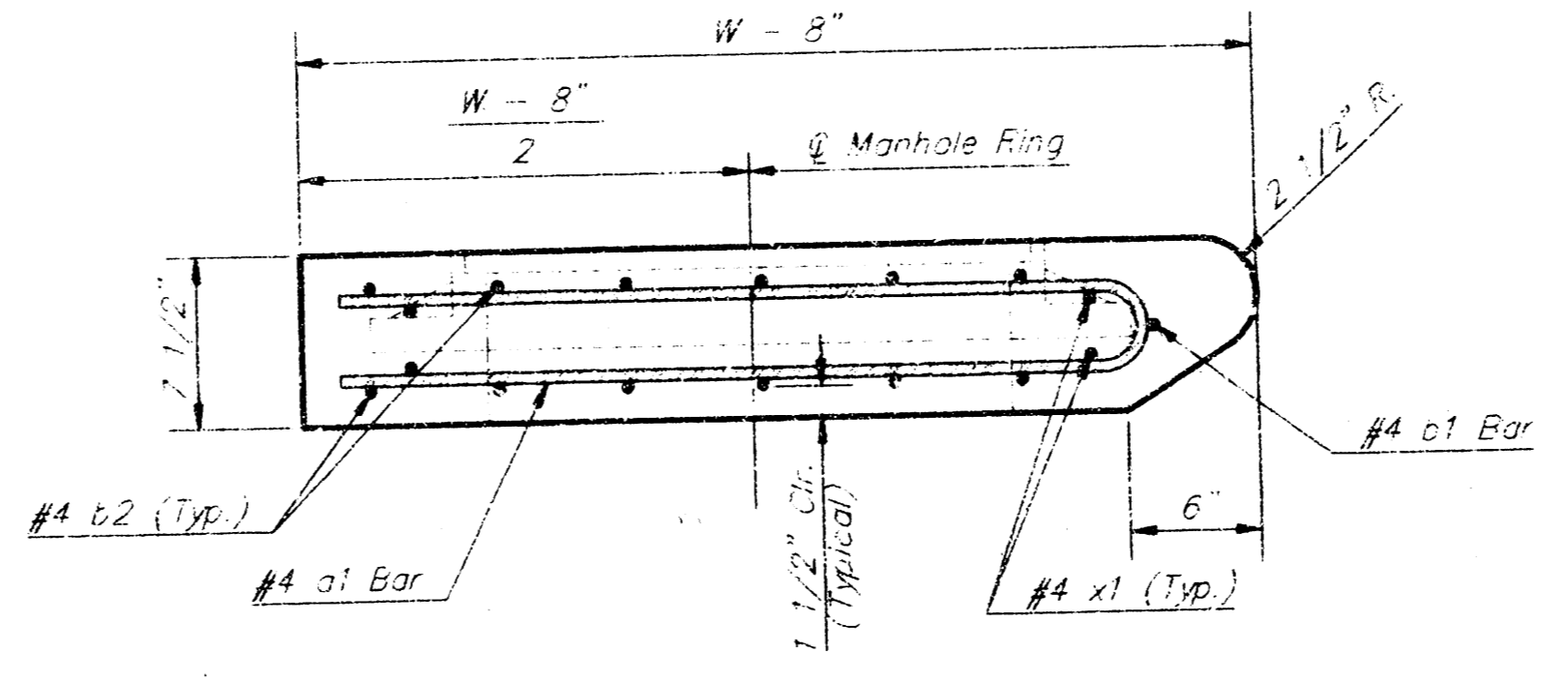
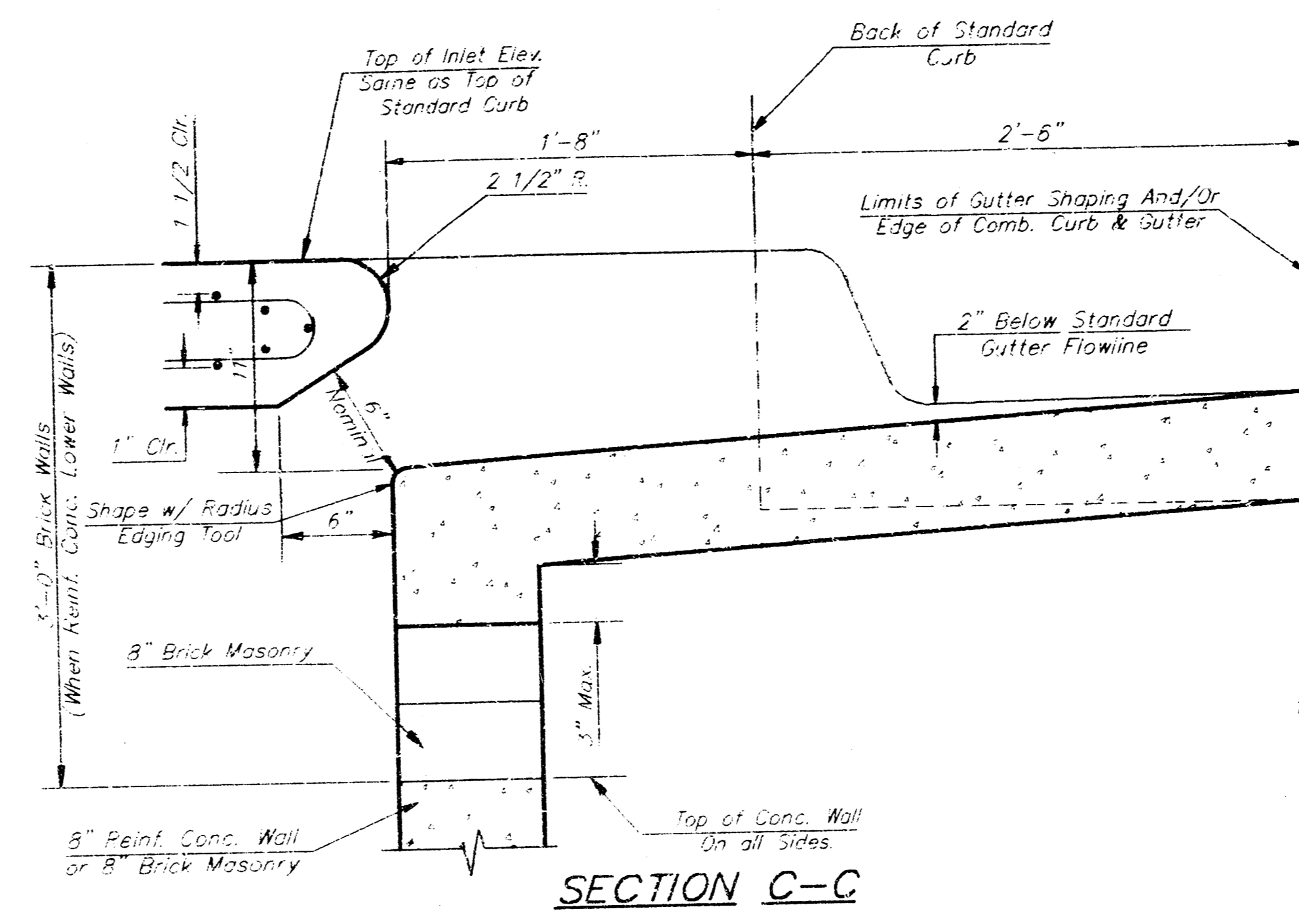
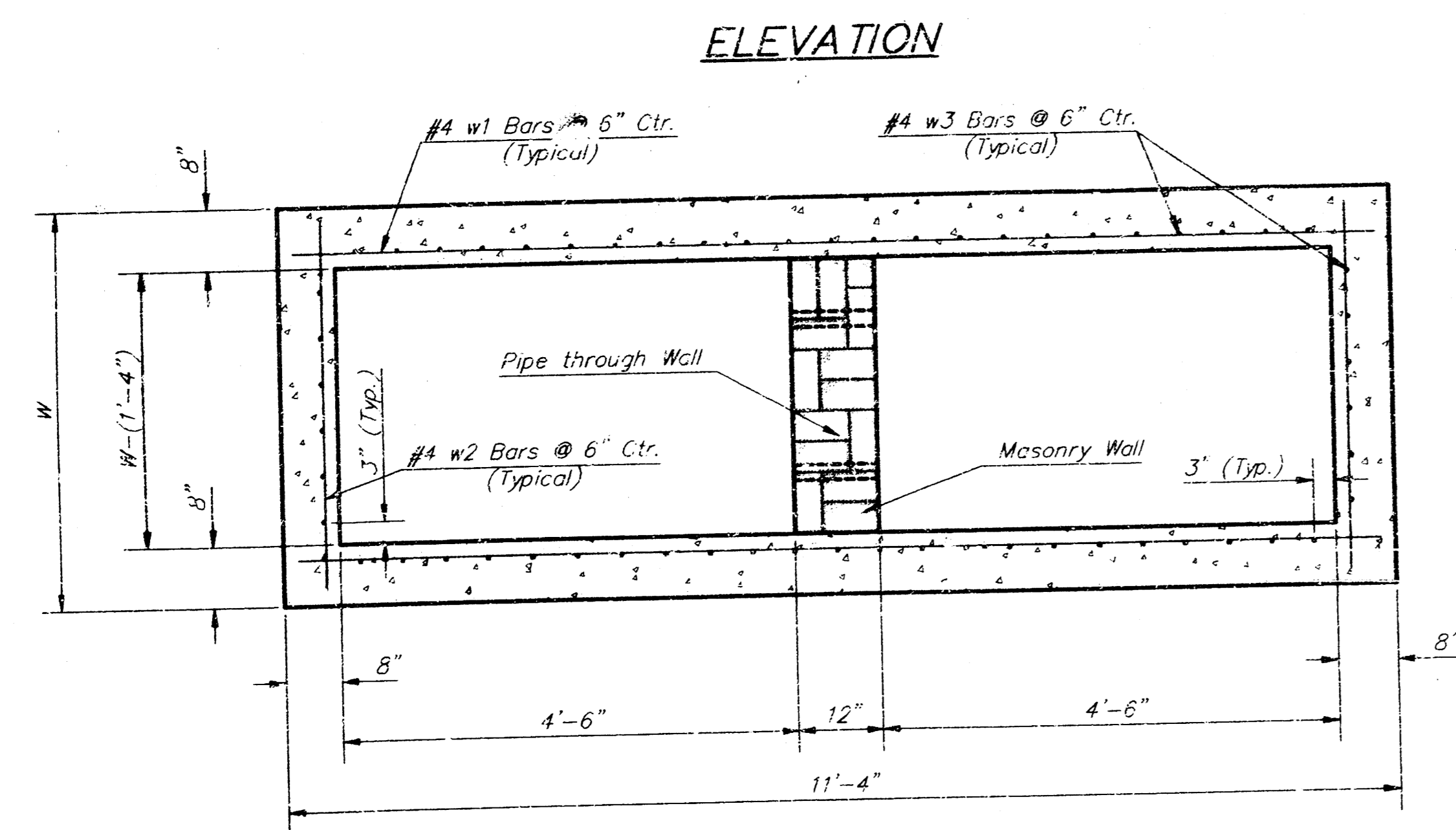
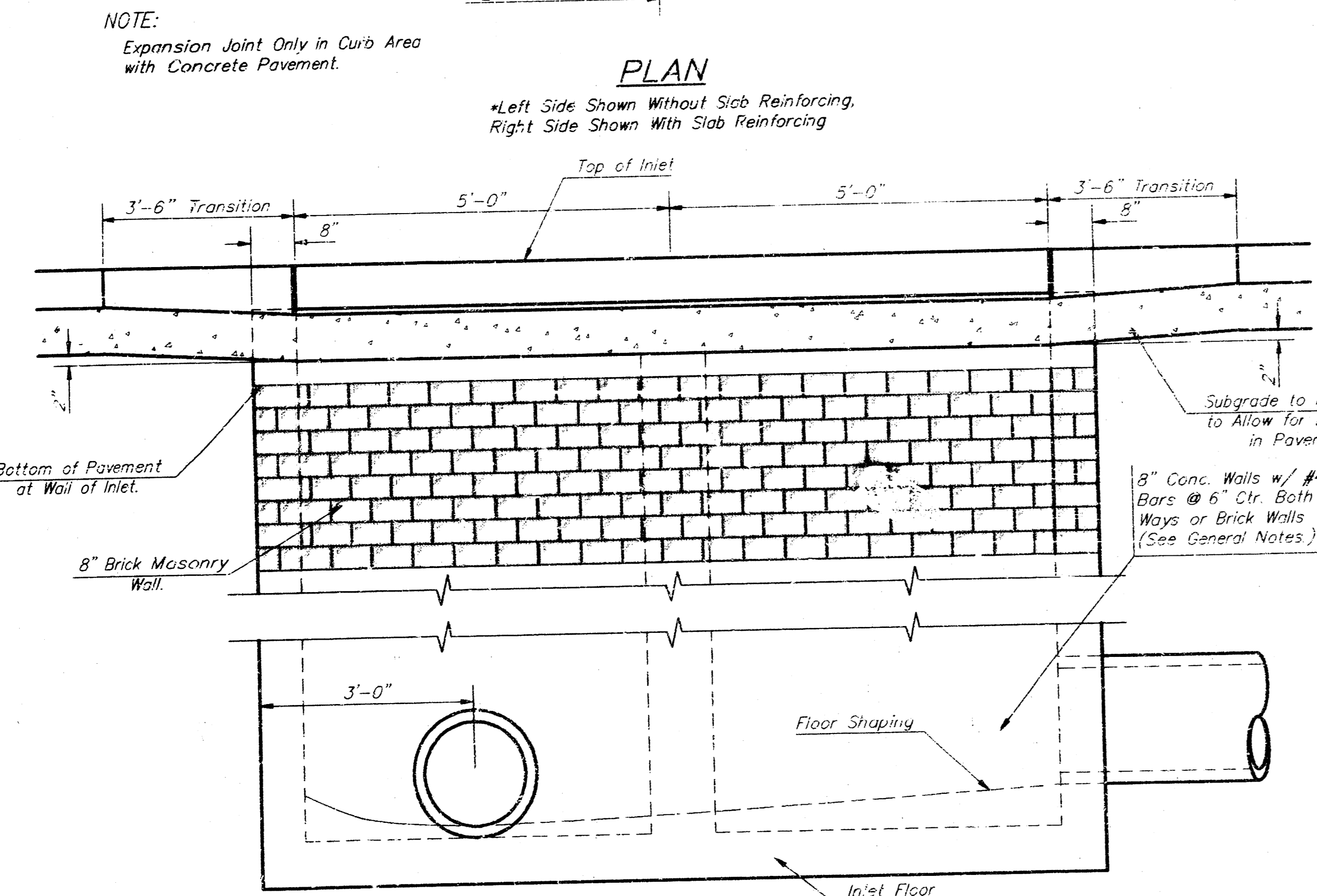
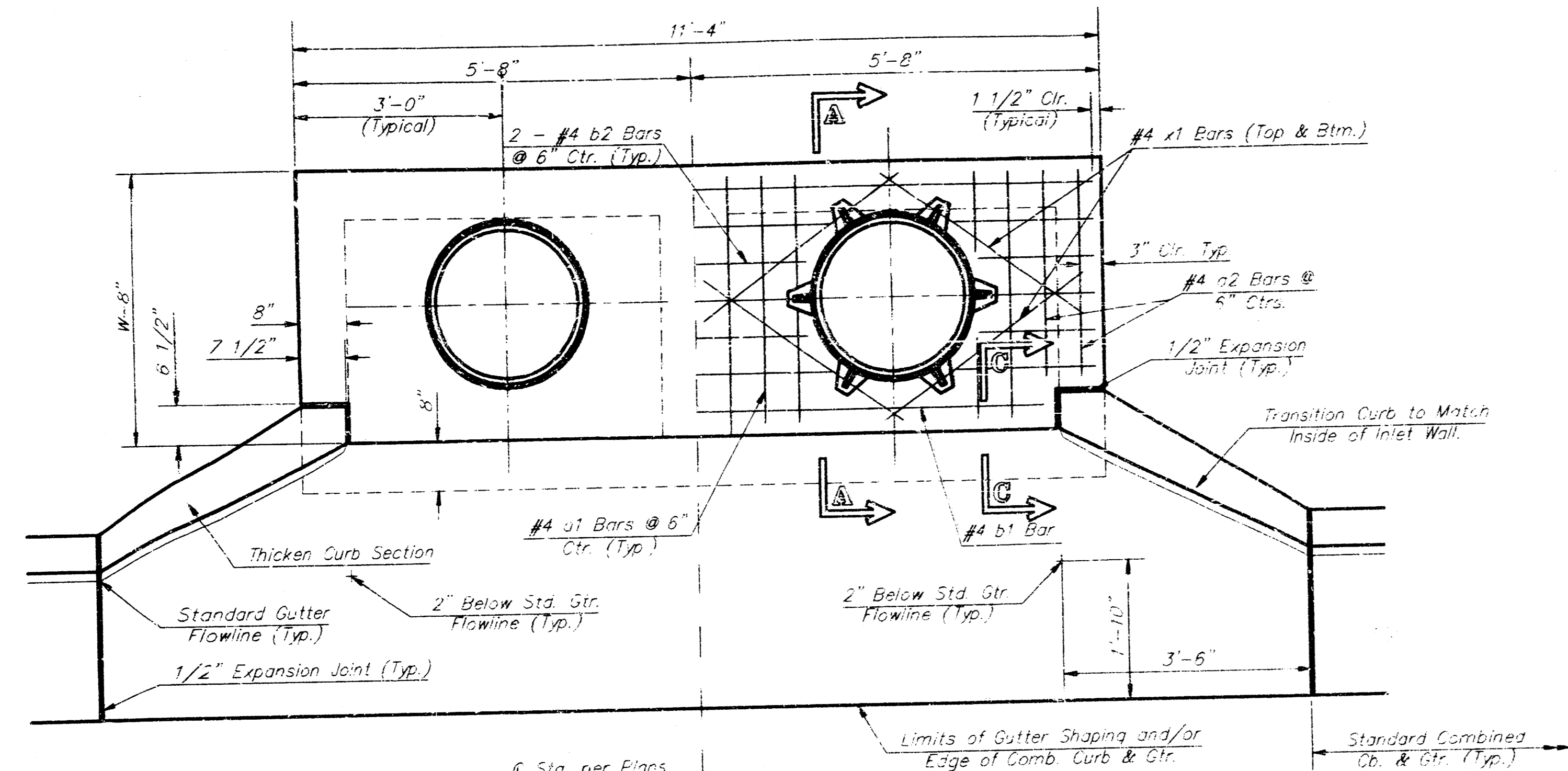
STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90±

Revised - Feb. 16, 1989

**CITY OF WICHITA STANDARD TYPE 1A
CURB INLET DETAILS
INLET OPENING = 6" x 5'-0"**

PROJECT NUMBER: **488-76-245-82354-000-000-001** SHEET **5** OF **9**

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



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 of parking slopes within limits indicated

PRECAST SLAB AND FLOOR REINFORCING

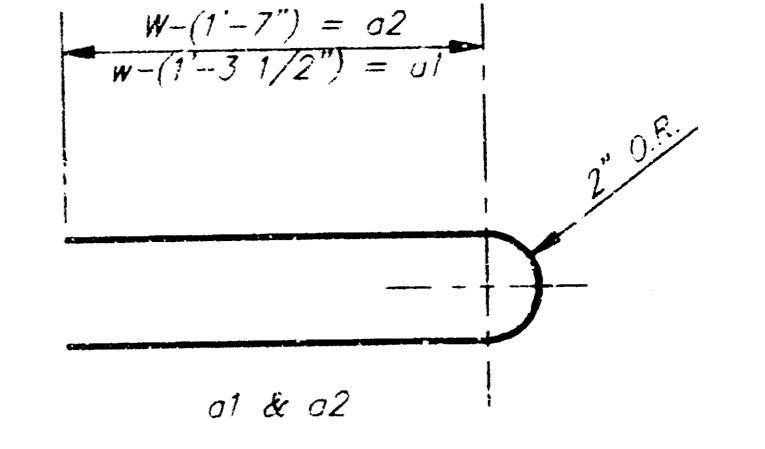
MARK	SIZE	W = 4'-4"		W = 5'-4"		W = 6'-4"		W = 7'-4"		W = 8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	13	6'-2"	13	8'-2"	13	10'-2"	13	12'-2"	13	14'-2"
a2	#4	4	5'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	23	4'-1"	23	5'-1"	23	6'-1"	23	7'-1"	23	8'-1"
b1	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
b2	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"	47	11'-1"
x1	#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 = 7'-4"		W = 8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	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"
w3	#4	②	56	②	80	②	64	②	68

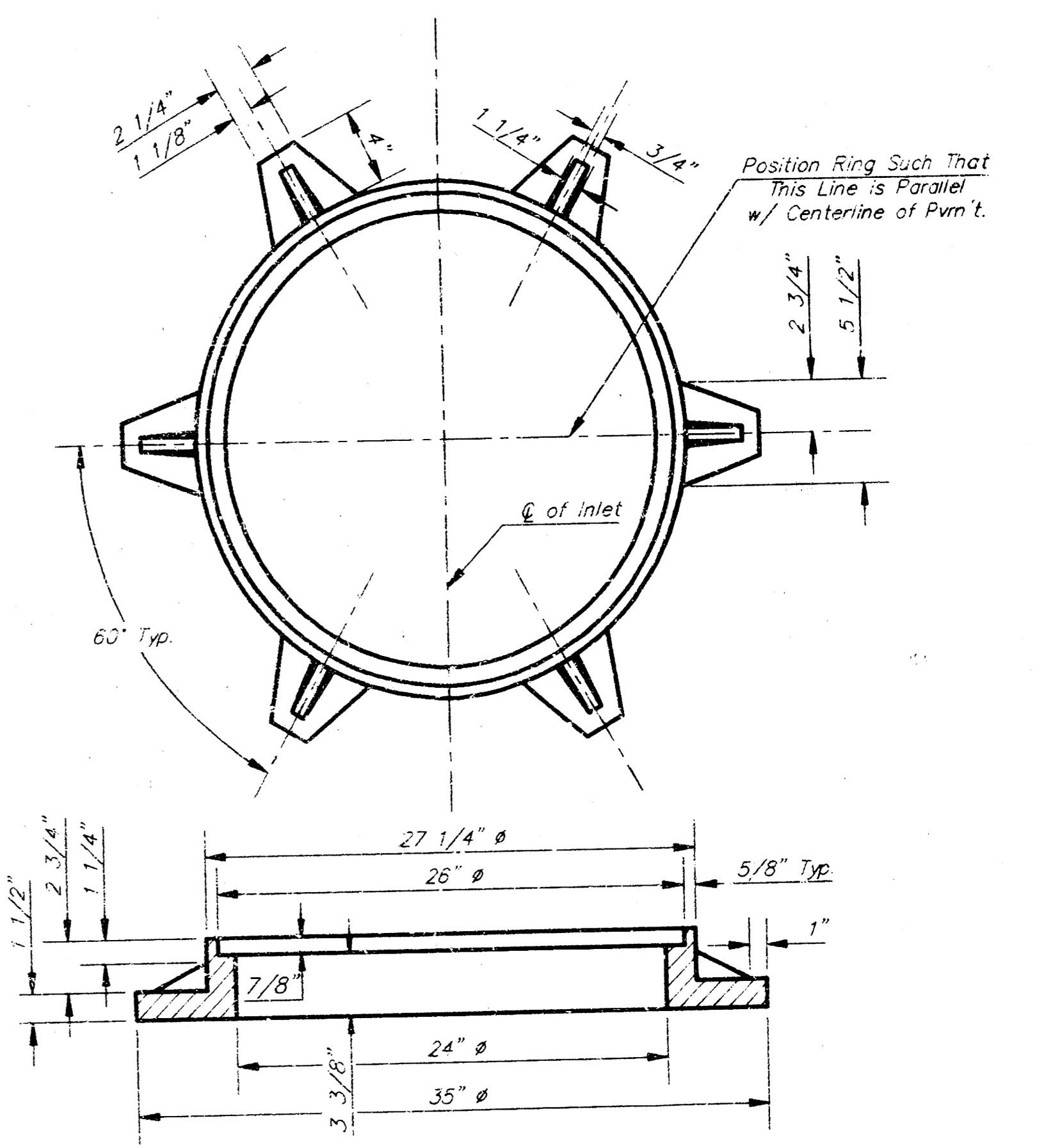
• Field Bend or Cut Reinforcing as Required for Clearance.
 ① 4 (H1 - 12) (H1 - 21) Rounded down to nearest 0.5
 ② H1 - 5"

- 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.



STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 11'-4" x 7 1/2"	21" & SMALLER	0.83±
5'-4"	4'-8" x 11'-4" x 7 1/2"	24" & 30"	1.05±
6'-4"	5'-8" x 11'-4" x 7 1/2"	36" & 42"	1.35±
7'-4"	6'-8" x 11'-4" x 7 1/2"	48" & 54"	1.61±
8'-4"	7'-8" x 11'-4" x 7 1/2"	60" & 66"	1.87±



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

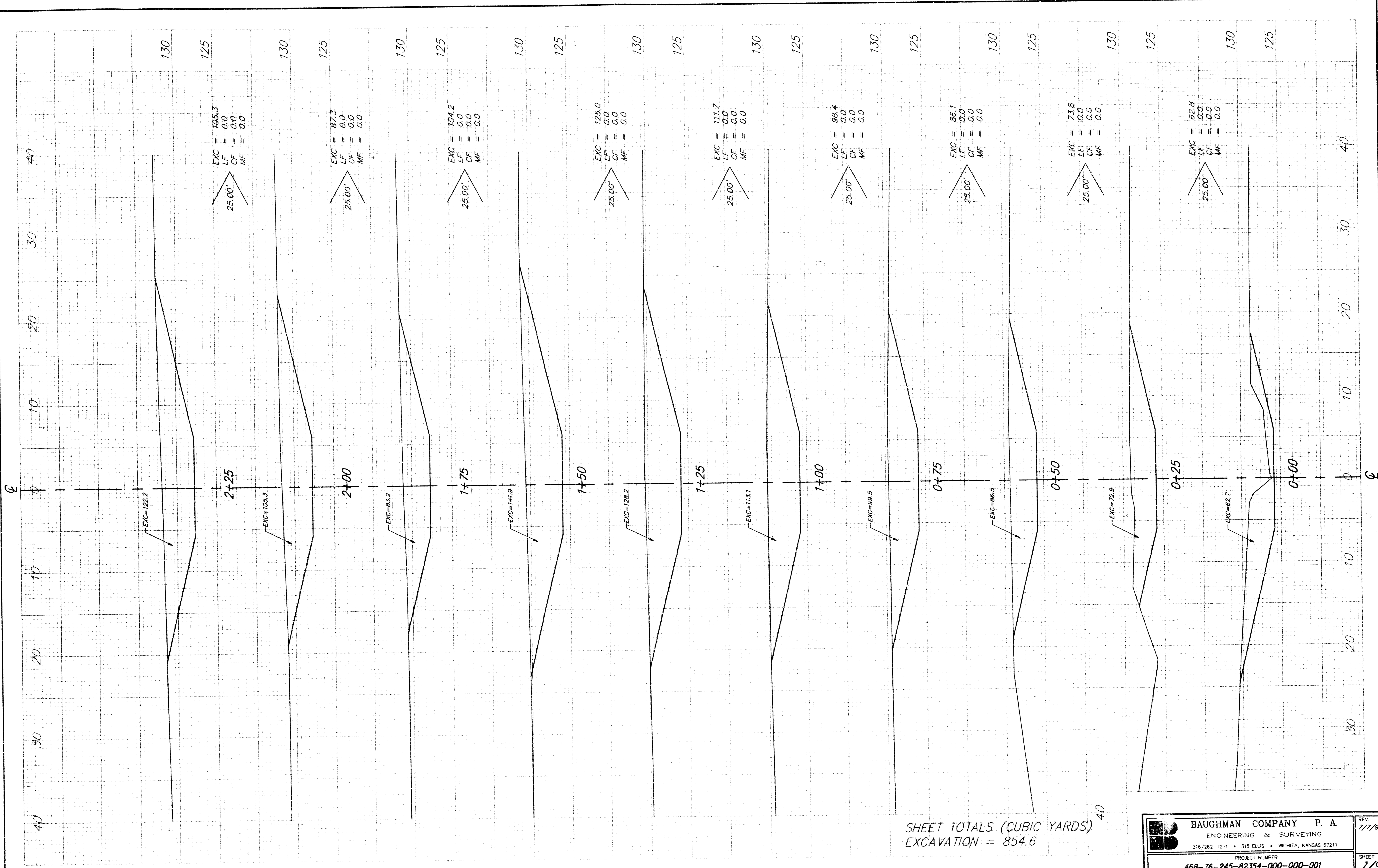
Revised - Feb. 16, 1983

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

PROJECT NUMBER: 468-76-245-82354-000-000-001

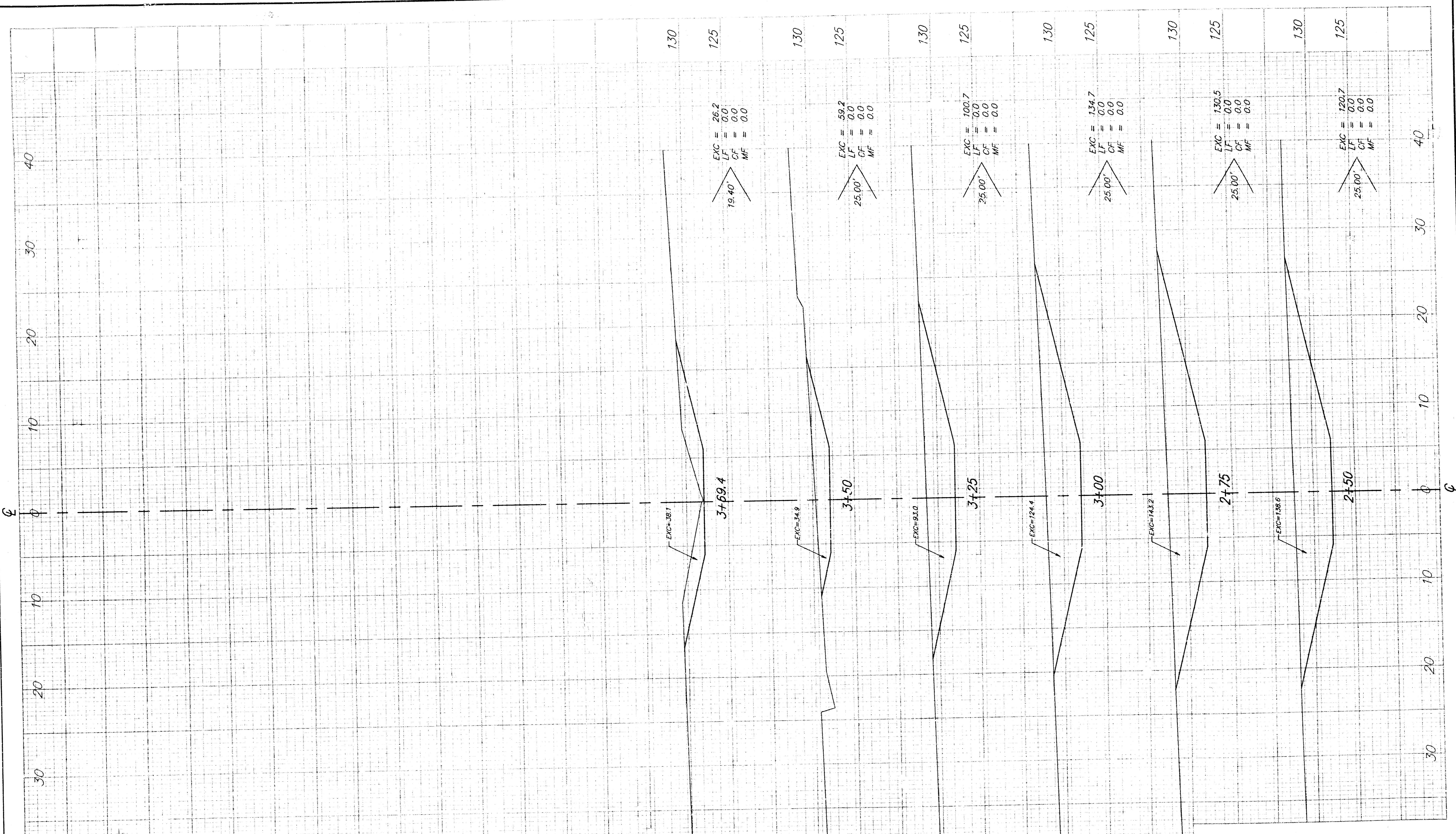
SHEET 6 OF 9

BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
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SHEET TOTALS (CUBIC YARDS) 40
 EXCAVATION = 854.6

	BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211		REV. 7/7/94
	PROJECT NUMBER 468-76-245-82354-000-000-001		SHEET 7/9



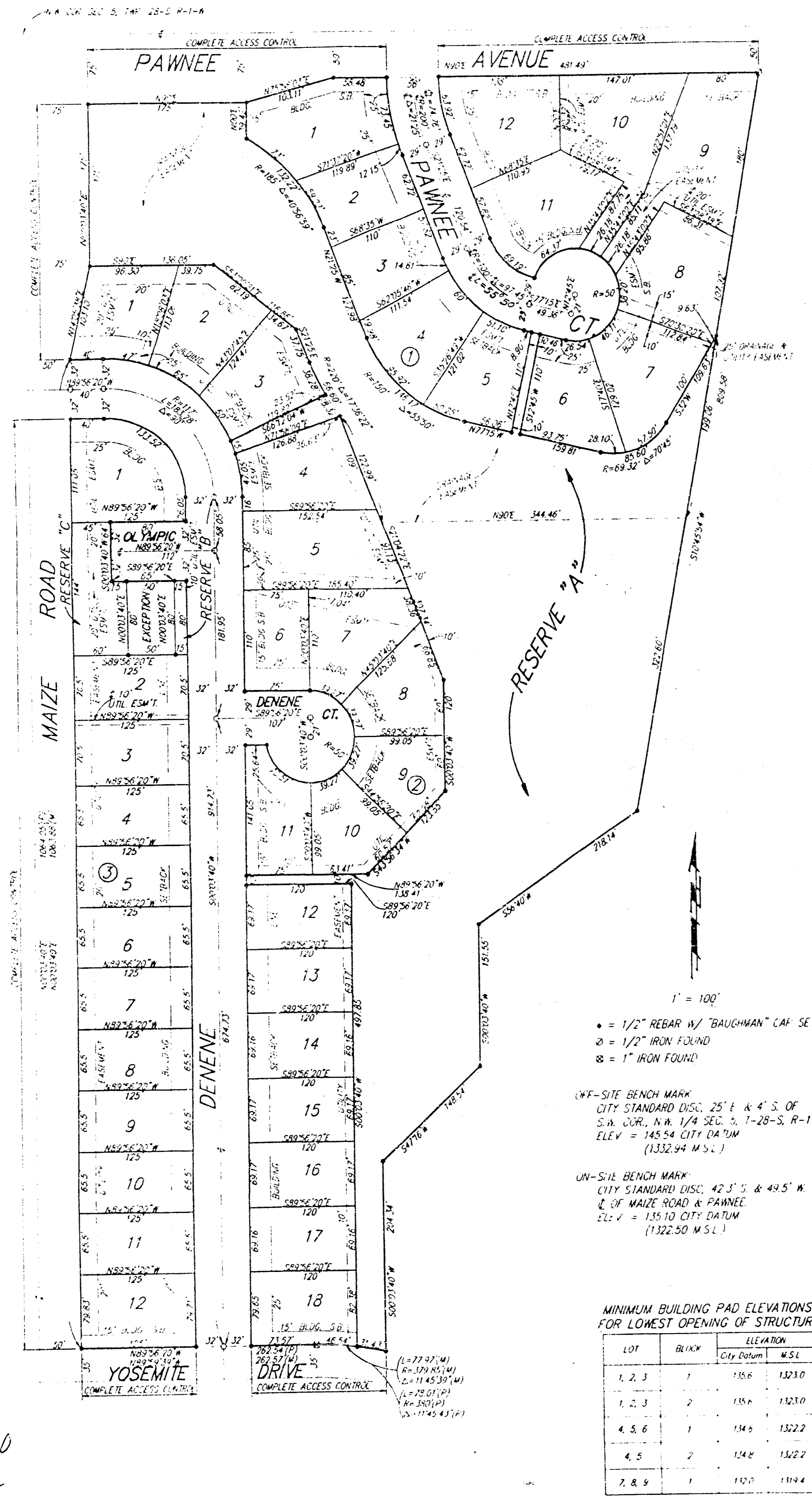
SHEET TOTALS (CUBIC YARDS)
EXCAVATION = 572.0

	BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211	REV. 1/1/94
	PROJECT NUMBER 468-245-76-82354-000-000-001	SHEET 8/9
	468-245-76-82354-000-000-001	

FILMED FROM THE BEST AVAILABLE COPY

WILDERNESS AT THE PARK

AN ADDITION TO
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 "WILDERNESS AT THE PARK", an Addition to Wichita, Sedgwick
County, Kansas, and that the accompanying plat is a true and
correct exhibit of the land described as and being a replat of Lots
2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21,
22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38,
39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55,
56, 57, 58, 59, 60, 61, 62, and 63, Block 1 and Lots 1, 3, 4, 5,
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, and 18, Block 2 together
with all of Pawnee Court, Olympic Court, Olympic Circle, Shenandoah
Drive and Shenandoah Courts lying within said Blocks 1 and 2,
and together with all of Reserve "A" within said Block 1 lying west of the
following described line: Beginning at the N.E. Corner of said Reserve "A"
in said Block 1; thence S15°54'W along the existing east line
of said Reserve "A" and extended 809.58 feet; thence S56°40'W,
218.14 feet; thence S00°03'40"W, 151.55 feet; thence S47°16'W, 148.54
feet; thence S00°03'40"W, 204.84 feet to a point on the north line
of Yosemite Drive, and all of Reserve A, within said Block 2, All as Platted in
THE PARK, an Addition to Wichita, Sedgwick County, Kansas.

All being situated in the N.W. 1/4 of Sec. 5, Twp. 28-S, R-1-W of
the 6th P.M., Sedgwick County, Kansas.
Existing easements and dedications being vacated by virtue of
K.S.A. 12-512(b).

Baughman Company, P.A.
Date 7/7/93

Gregory F. Severns
Surveyor

Know all men by these presents that we,
the undersigned, have caused the land described in the surveyors
certificate to be platted into lots, blocks, streets and reserves to be
known as "WILDERNESS AT THE PARK", an Addition to Wichita, Sedgwick
County, Kansas. The utility easements are hereby granted as indicated
for the construction and maintenance of all public utilities. The drainage
and utility easement is hereby granted for drainage purposes and for the
construction and maintenance of all public utilities. The streets are hereby
dedicated to and for the use of the public. Reserve "A" is hereby reserved for
open space, recreational uses, sidewalks, and drainage and utility easements.
The drainage easement in said Reserve "A" is hereby granted for drainage
purposes. Reserve "A" shall be maintained by the Homeowner's Association.
Reserves "B" and "C" are hereby reserved for landscaping, open space,
and the construction and maintenance of all public utilities as confined
to easements. Reserves "B" and "C" shall be owned and maintained by the
owner of Lot 1, Block 3. All abutters rights of access to and from Pawnee
Ave. over and across the north line of Lots 1, 9, 10, and 12, Block 1,
and the north line of Reserve "A" are hereby granted to the City of Wichita,
Kansas. All abutters rights of access to and from Maize Road over and
across the west line of Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12,
Block 3, the west line of Lot 1, Block 2, and the west line of Reserves "A"
and "C" are hereby granted to the City of Wichita, Kansas. All abutters
rights of access to and from Yosemite Drive over and across the south line of
Lot 12, Block 3, and Lot 18, Block 2 are hereby granted to the City of Wichita,
Kansas. The Minimum Building Pad Elevations for the lowest opening to
the structures are as shown on the face of the plat.

A. J. Soerries Carrol M. Soerries

The Park Homeowners' Association, No. 1

Mark P. Borofsky 9-6-93 President
Mark Borofsky
Attest: Karen Shope 9-6-93 Secretary
Karen Shope

We, the undersigned, holders of a mortgage
on the above described property do hereby consent to this plat of
"WILDERNESS AT THE PARK", an Addition to Wichita, Sedgwick County,
Kansas.
Emprise Bank

Larry C. Burns (Title)

State of Kansas) SS The foregoing instrument acknowledged be-
fore me this 8th day of September, 1993, by Larry C. Burns
Larry C. Burns of Emprise Bank, on behalf of the bank.
(Title)

Melanie R. Penner Notary Public
My App't Exp. 8-10-94
Melanie R. Penner

State of Kansas) SS The foregoing instrument was acknowledged
before me this 7th day of September, 1993, by A. J. Soerries
and Carrol M. Soerries, husband and wife.

Lonna J. Chappelle Notary Public
My App't Exp. 5-4-96
Lonna J. Chappelle

State of Kansas) SS The foregoing instrument was acknowledged
before me this 7th day of September, 1993, by Mark Borofsky,
President of The Park Homeowners' Association, No. 1, on behalf of the
association.

Ted E. Knopp Notary Public
My App't Exp. 3-3-95
Ted E. Knopp

This plat of "WILDERNESS AT THE PARK", an
Addition to Wichita, Sedgwick County, Kansas has been submitted to and
approved by the Wichita-Sedgwick County Metropolitan Area Planning
Commission, Wichita, Kansas,
Dated this 14th day of August, 1993.
Wichita-Sedgwick County Metropolitan Area Planning Commission

Chairman
Secretary
Marvin S. Krout

This plat approved and all dedications shown
hereon accepted by the City Council of the City of Wichita, Kansas,
this 16th day of August, 1993.

Mayor
Deputy City Clerk
Elma Broadfoot
Pat Burnett

Entered on transfer record this 14th day of
August, 1993.

Susan E. Crckett-Spoon
County Clerk

#1341676
State of Kansas) SS This is to certify that this plat has been filed
for record in the office of the Register of Deeds this 16th day of
DECEMBER, 1993, at 10:00 o'clock A.M., and is duly recorded.

Pat Kettler Register of Deeds
Ed Resa Deputy