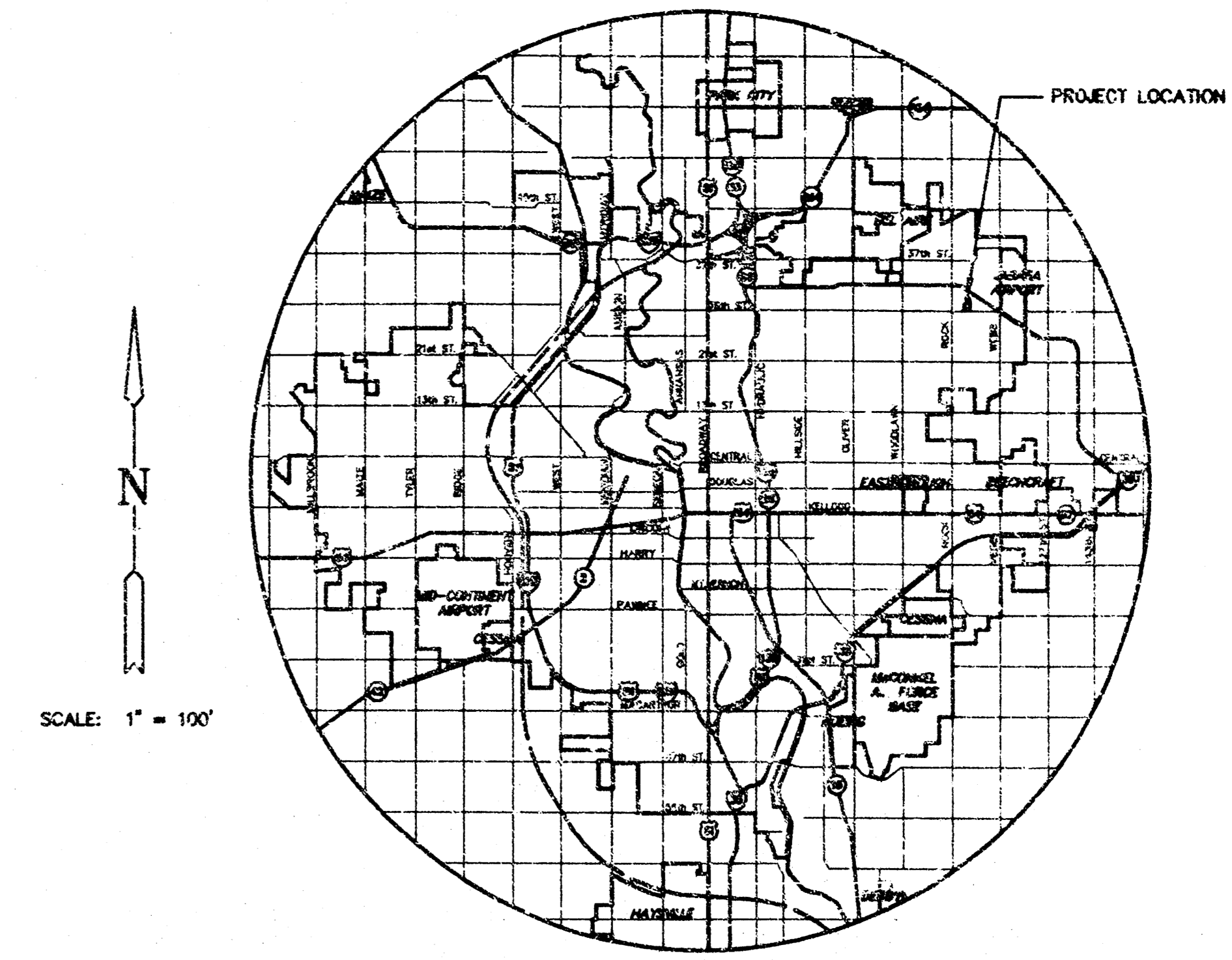
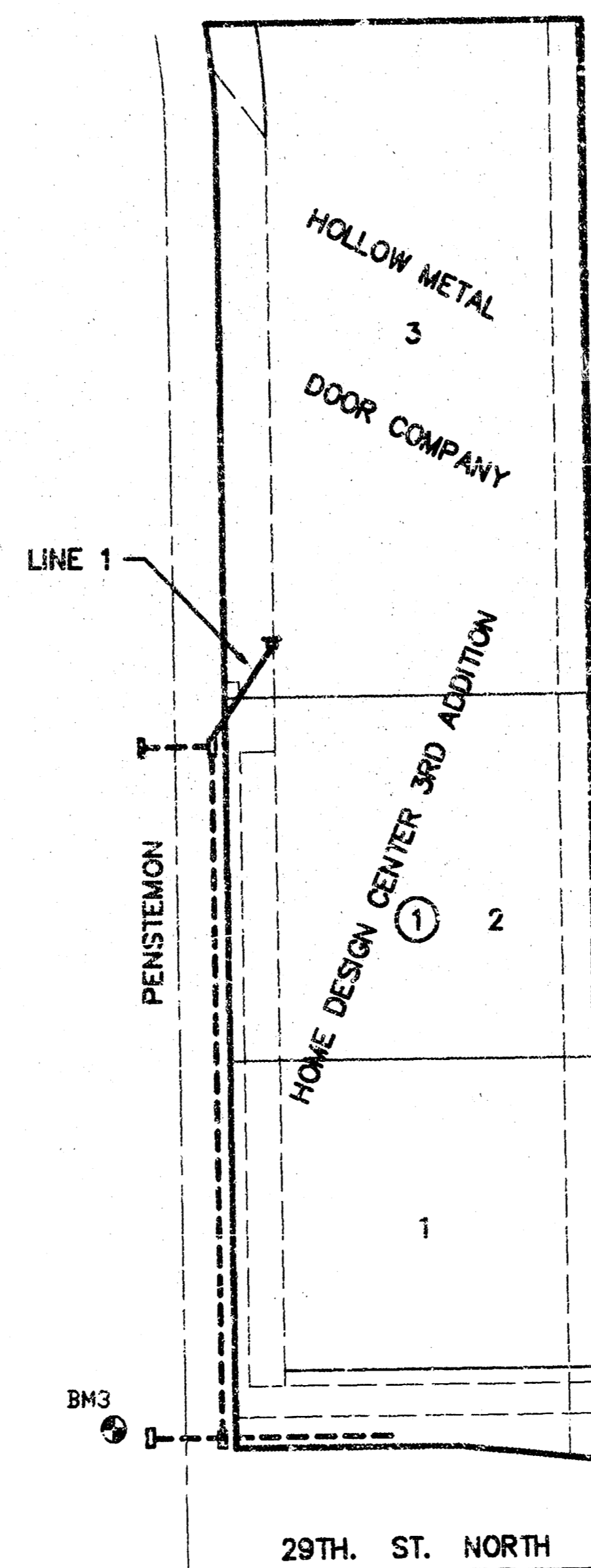


PRIVATE
STORM WATER SEWER PLANS FOR
HOLLOW METAL DOOR COMPANY
LOT 3, BLOCK 1, HOME DESIGN CENTER 3RD ADDITION
PENSTEMON NORTH OF 29TH ST. NORTH

CITY OF WICHITA, KANSAS
 MICHAEL E. LINDEBAK, CITY ENGINEER
 INDEX CODE 607861
 USER CODE 670 PPS

GENERAL NOTES

1. 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 LAWS.
2. 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.
3. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:
 KANSAS ONE-CALL 1-800-344-7233 or 687-2470 (LOCAL WICHITA)
 THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
 SOUTHWESTERN BELL TELEPHONE COMPANY 1-571-2115
 CABLEVISION 262-0661
 KANSAS GAS & ELECTRIC (ELECTRIC) 284-1141
 KANSAS GAS & ELECTRIC (GAS) 832-3180 OR 832-3169
 CITY OF WICHITA SEWER MAINTENANCE 268-4908
 CITY OF WICHITA WATER DEPARTMENT 268-4908
 FARMLAND INDUSTRIES 1-918-333-4111
4. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES 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. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
5. PRIOR TO LAYING SEWER LINE, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION OF FLOW LINE OUT OF EXISTING INLET AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLANS. THE CONTRACTOR SHALL RESHAPE THE EXISTING INVERT TO PROVIDE SMOOTH FLOW. THE COST OF RESHAPING EXISTING INLET INVERT IS INCIDENTAL TO THE PROJECT.
6. 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.
7. ALL DISTURBED AREAS TO BE SEEDED WITH RYE GRASS AT A RATE OF 200LBS./ ACRE WITHIN 10 DAYS OF CONSTRUCTION. COST SHALL BE SUBSIDIARY TO PROJECT.



LOCATION MAP
 CITY OF WICHITA

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INLET DETAILS
3	PLAN & PROFILE LINE 1
4	HOME DESIGN CENTER 3RD ADDITION PLAT

APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA

STORM WATER SEWERS *VRH 10/23/96*

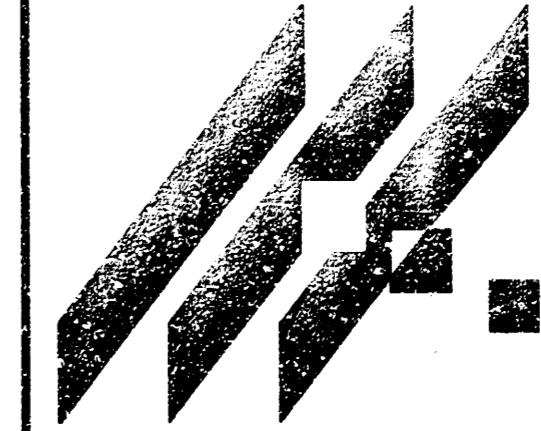
NOTE TO CONTRACTOR

PUBLIC PROPERTY: INSPECTION AND TESTING FOR THE SEWER LINE IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER. ALL CONSTRUCTION AND MATERIALS SHALL COMPLY WITH THE CITY OF WICHITA SPECIFICATIONS AND STANDARDS (ON FILE AND AVAILABLE IN THE CITY ENGINEER'S OFFICE).



BENCHMARKS

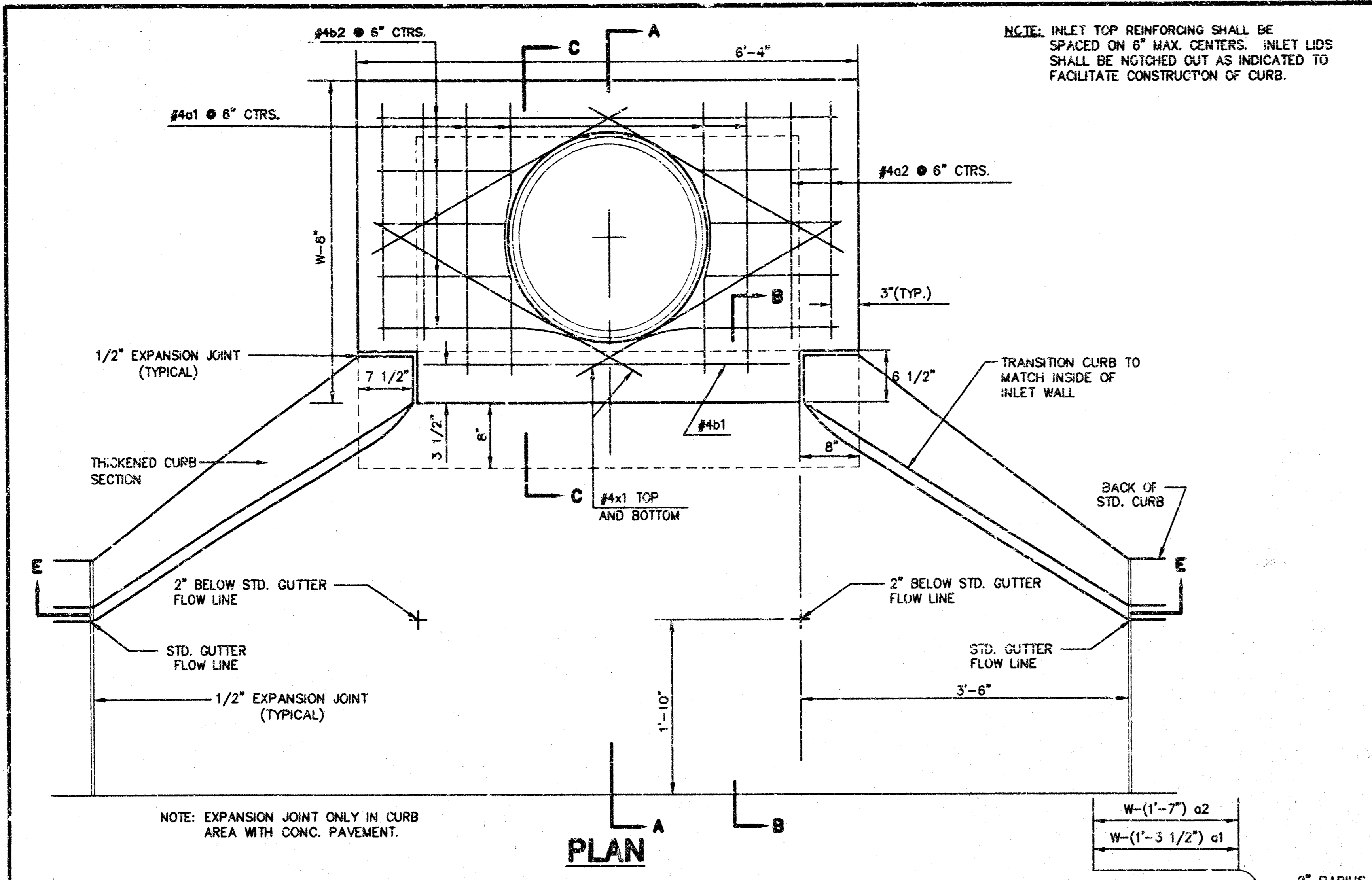
- BM1 - SQUARE CUT TOP OF CURB WEST OF PENSTEMON 227.92' NORTH OF CL OF 29TH ST. NORTH. ELEV. - 222.46
- BM2 - CITY DISC IN NE. COR OF RCB UNDER 29TH ST N. +/- 550' W OF THE S 1/4 COR. SEC. 32-26S-R2E. ELEV. - 215.93
- BM3 - RR SPIKE STEP IN THE SE. FACE OF POWER POLE AT THE NE. CORNER OF PENSTEMON ST. AND 29TH ST. NORTH. ELEV. - 222.83



HOLLOW METAL DOOR COMPANY
PROJECT NAME

PRIVATE STORM WATER SEWER PLANS
SHEET TITLE

MID-KANSAS ENGINEERING CONSULTANTS, INC. 411 N. WEBB ROAD WICHITA, KS. 67206 316-684-9600	JTC DESIGN BY. GJR DRAWN BY. JTC CHECKED BY.	OCTOBER 1995 DATE 95076 JOB NO. 1 / 4 SHEET OF
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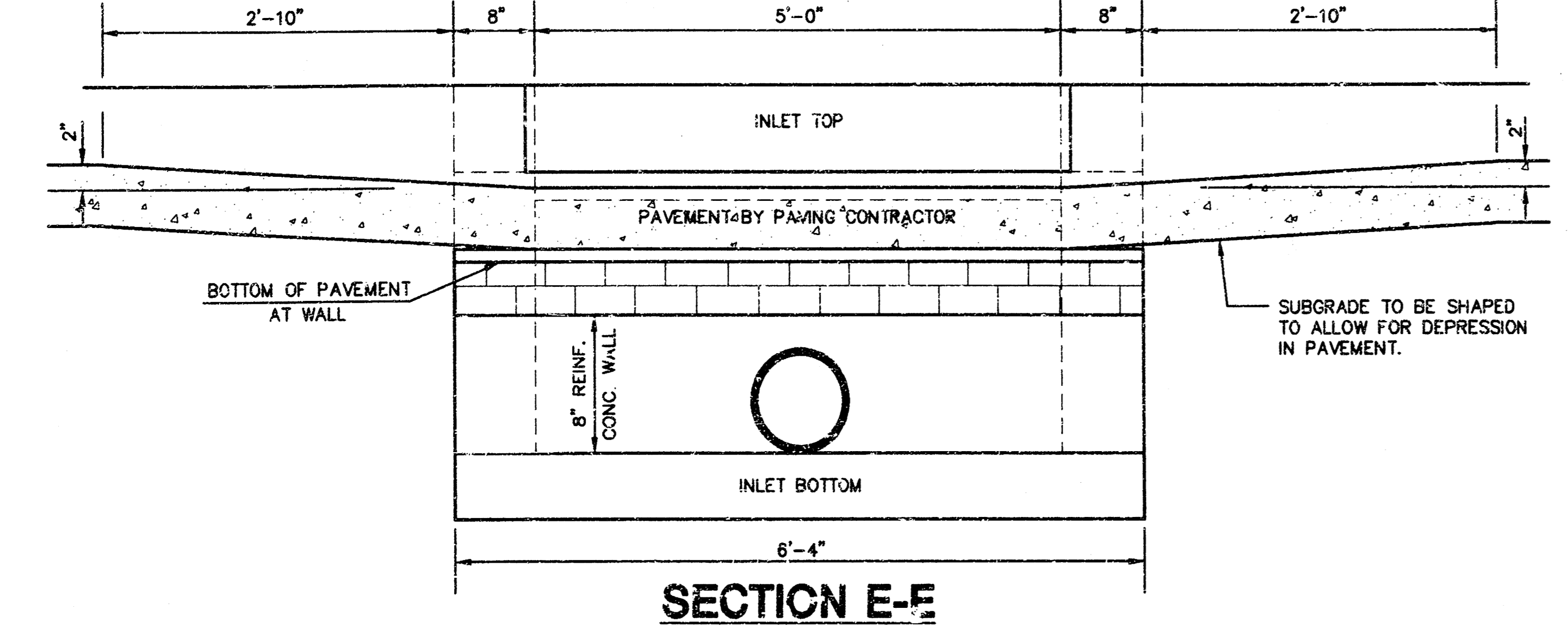
PRECAST SLAB AND FLOOR REINFORCING

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"	8	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	13	1'-1"	13	5'-1"	13	9'-1"	13	13'-1"	13	17'-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"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	5'-2"

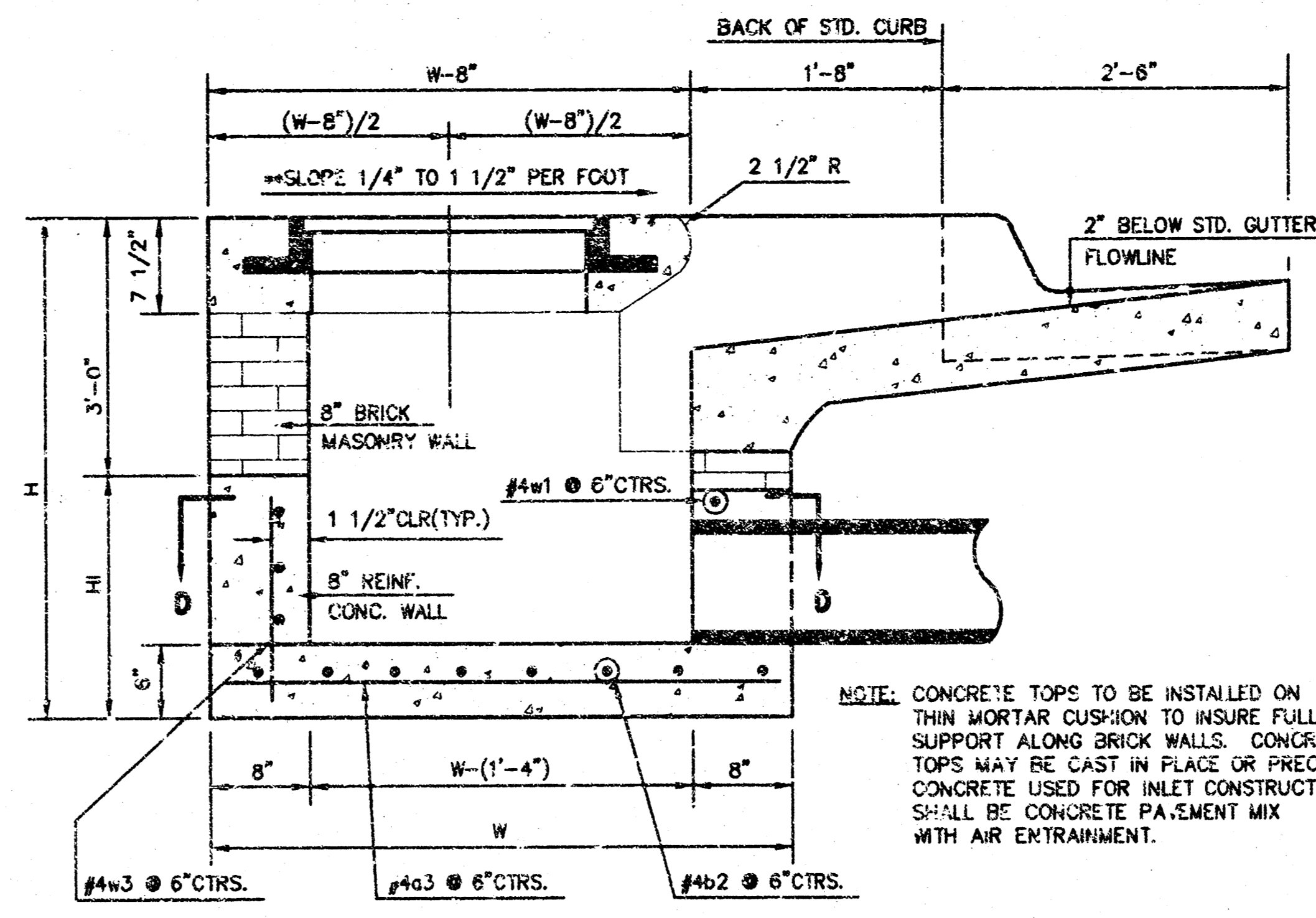
WALL REINFORCING

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(HI-12"); (HI-12") ROUND DOWN TO NEAREST 0.5"
 ② HI-3"



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



SECTION A-A

NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W=6'-4" 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 HOOKUP.

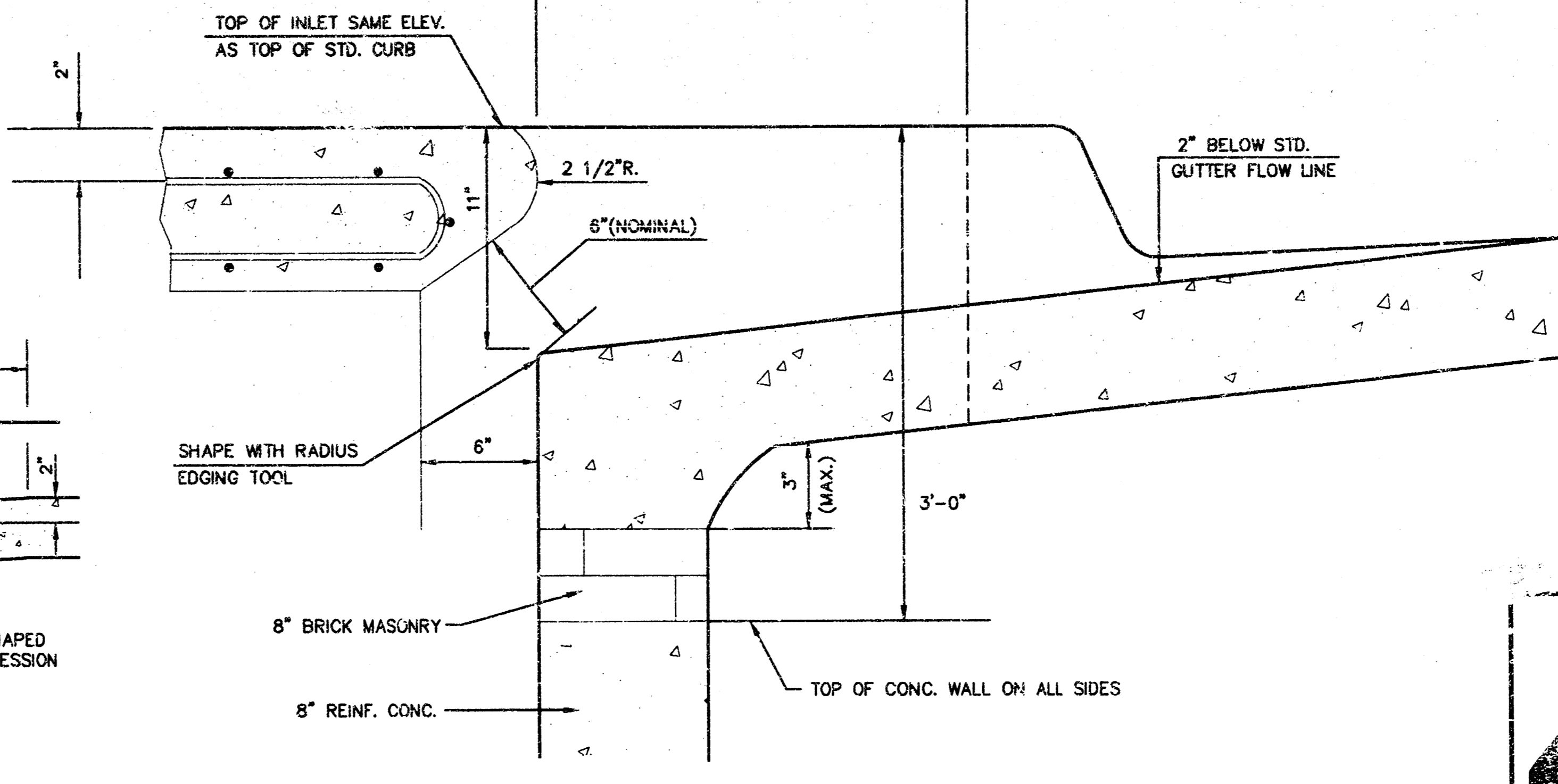
INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

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

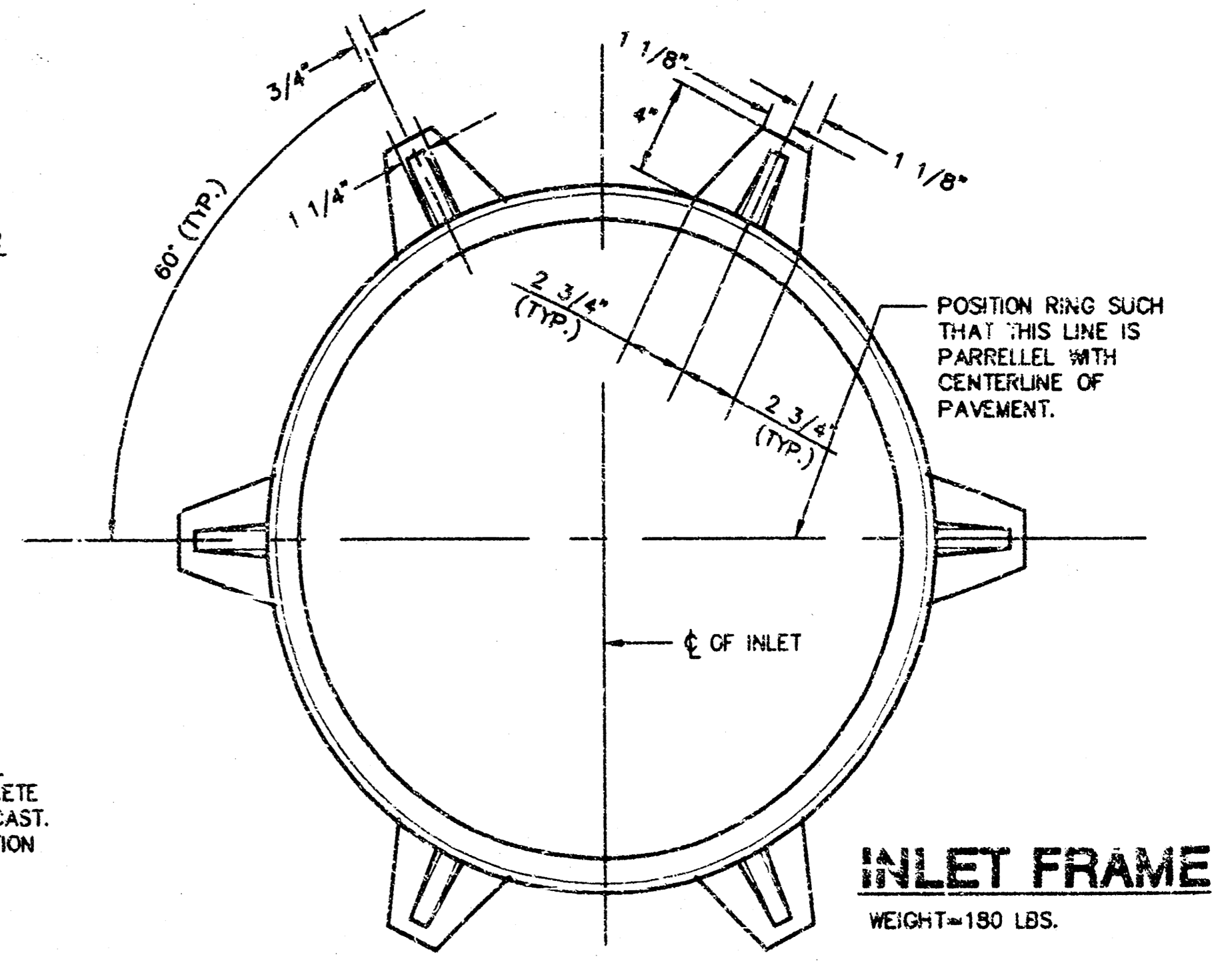
BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS

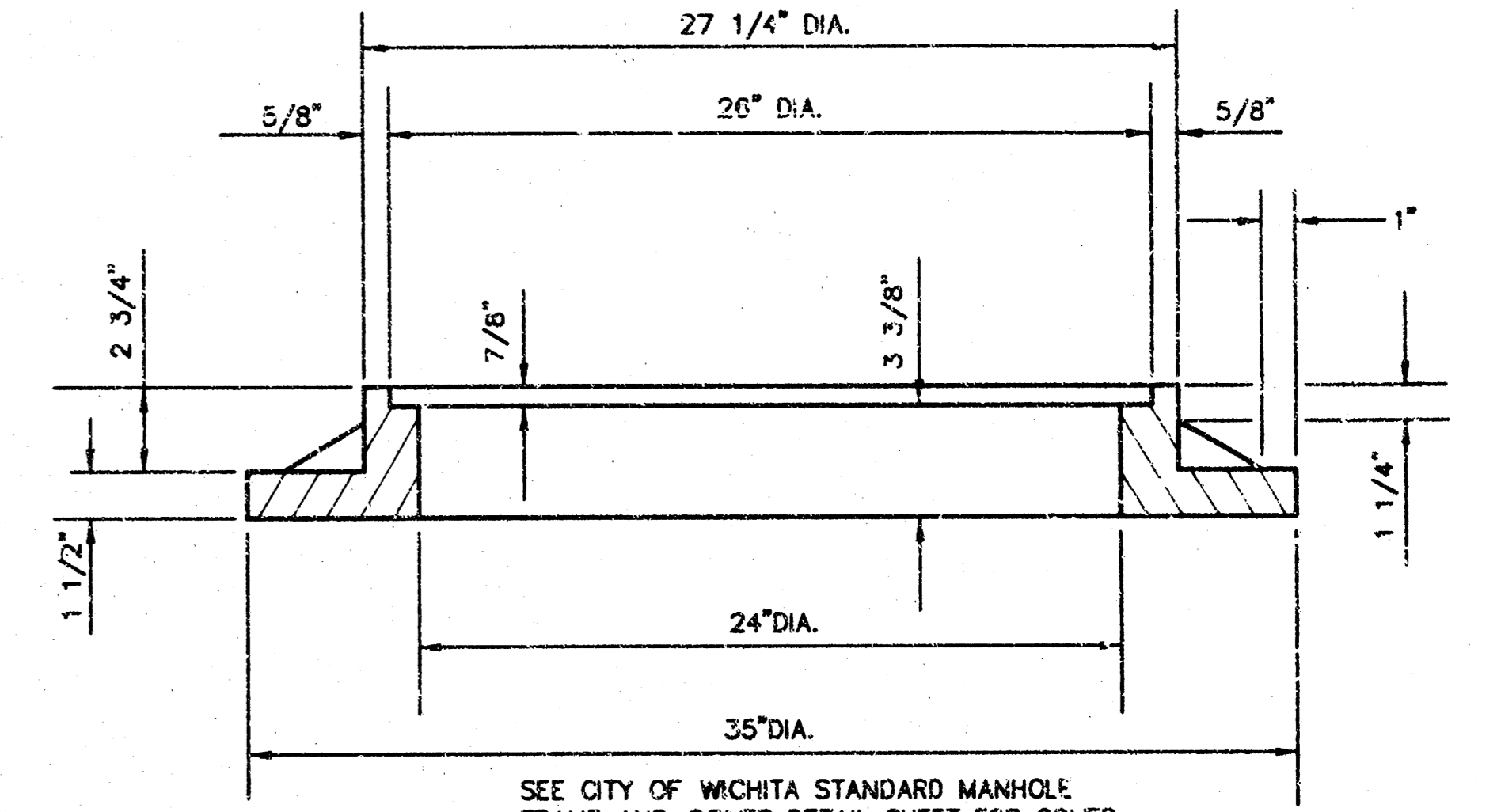
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8"x6'-4"x7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8"x6'-4"x7 1/2"	24" & 30"	.51±
6'-4"	5'-8"x6'-4"x7 1/2"	36" & 42"	.84±
7'-4"	6'-8"x6'-4"x7 1/2"	48" & 54"	.77±
8'-4"	7'-8"x6'-4"x7 1/2"	60" & 66"	.90±



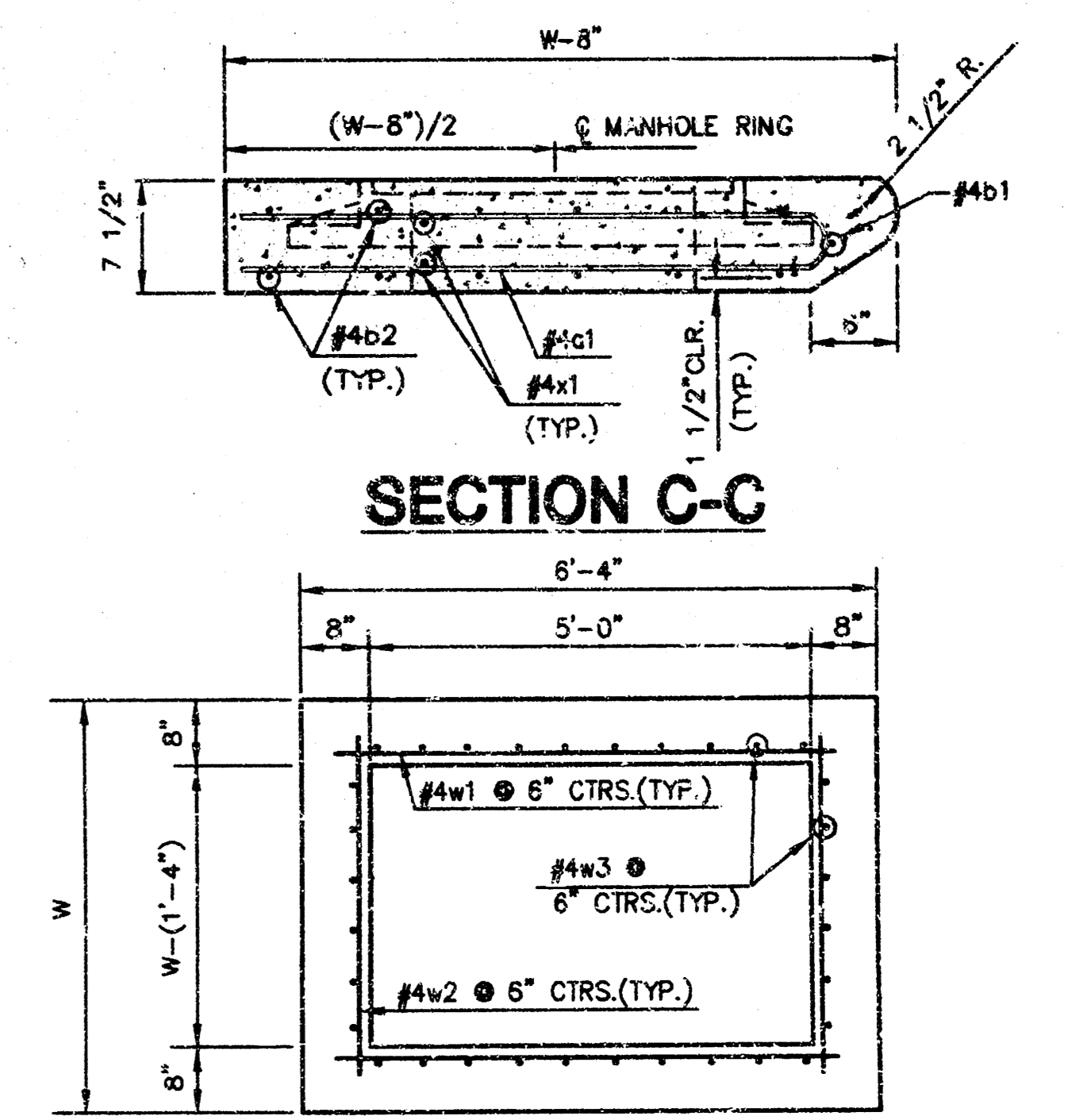
SECTION B-B



INLET FRAME
WEIGHT=180 LBS.



SECTION C-C



SECTION D-D

HOLLOW METAL DOOR CO.
PROJECT NAME

STORM WATER INLET DETAILS
SHEET TITLE

MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

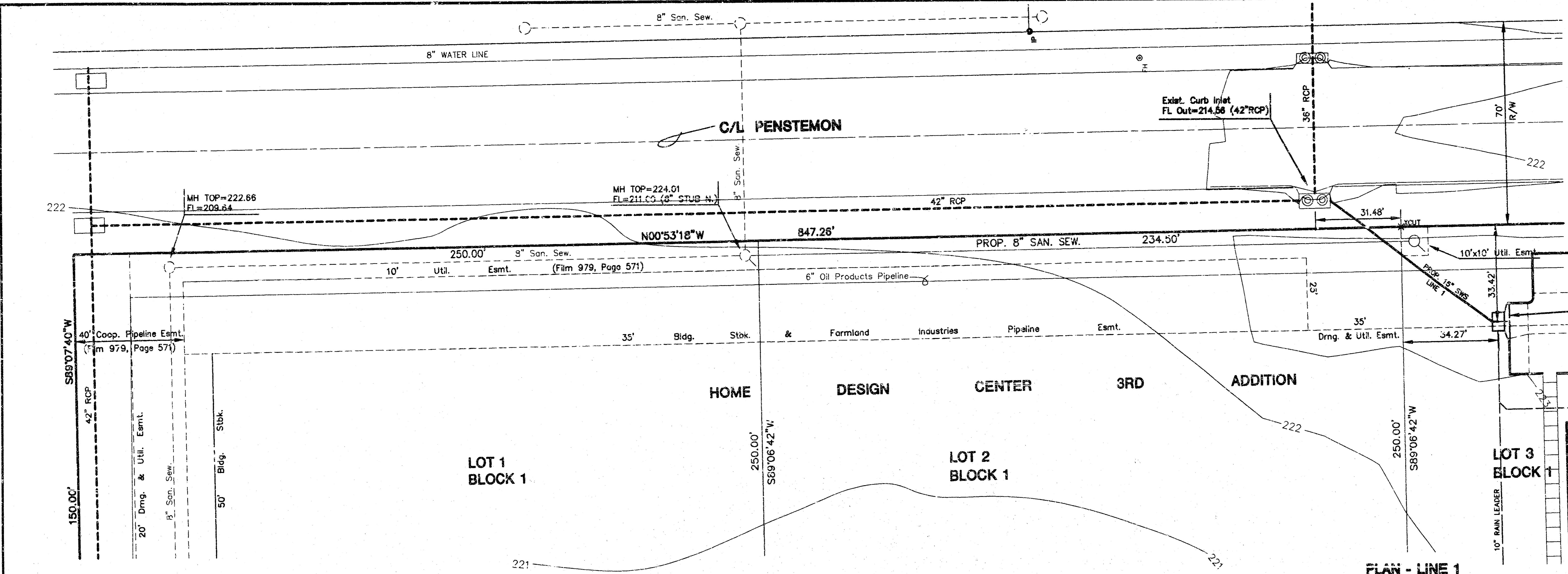
C.O.W. DESIGN BY: M.K.E.C. DRAWN BY: JTC CHECKED BY:
OCTOBER 1998 DATE: 98052 JOB NO.: 2 / 4 SHEET OF

**H.D.C. 3RD ADD.
STORM WATER SEWER
PRIVATE PROJECT-870 PPS**



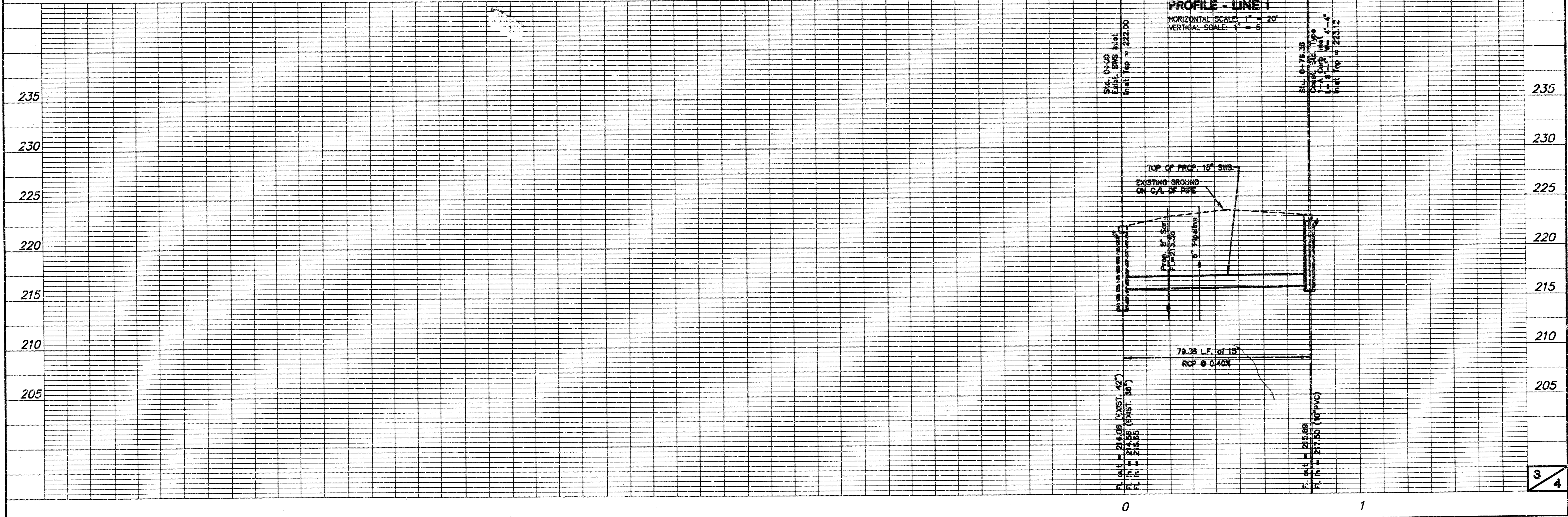
CAUTION
Notify Farmland Industries
before beginning excavation.
1-918-333-4111

NOTE:
Before Construction of SWS,
Contact Roger Dobbins at
Farmland (755-1401 at 8:00 AM ONLY)



PLAN - LINE 1
SCALE: 1" = 20'

PROFILE - LINE 1
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 6'



3/4

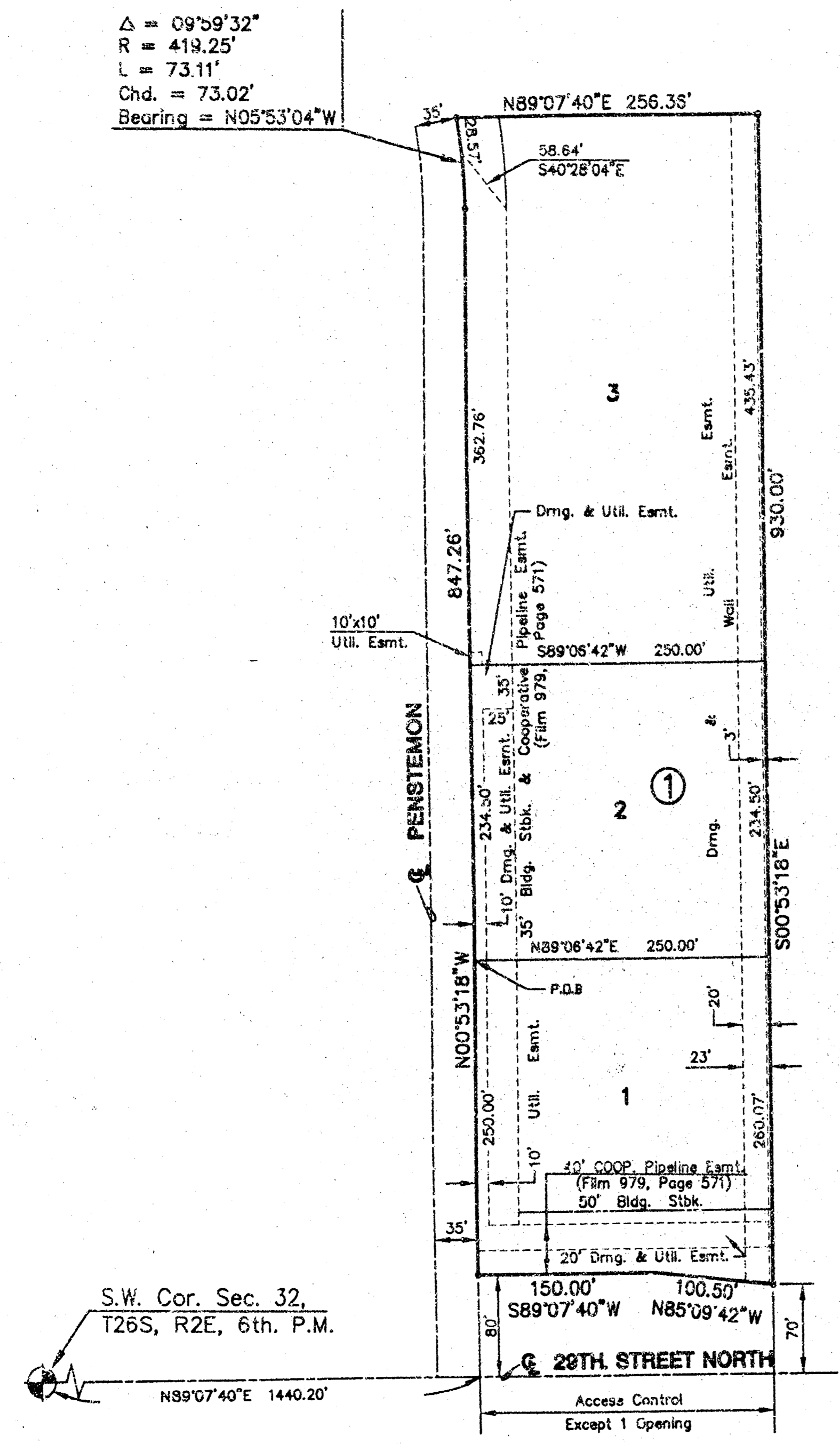
10-40-40-1

5-01-21

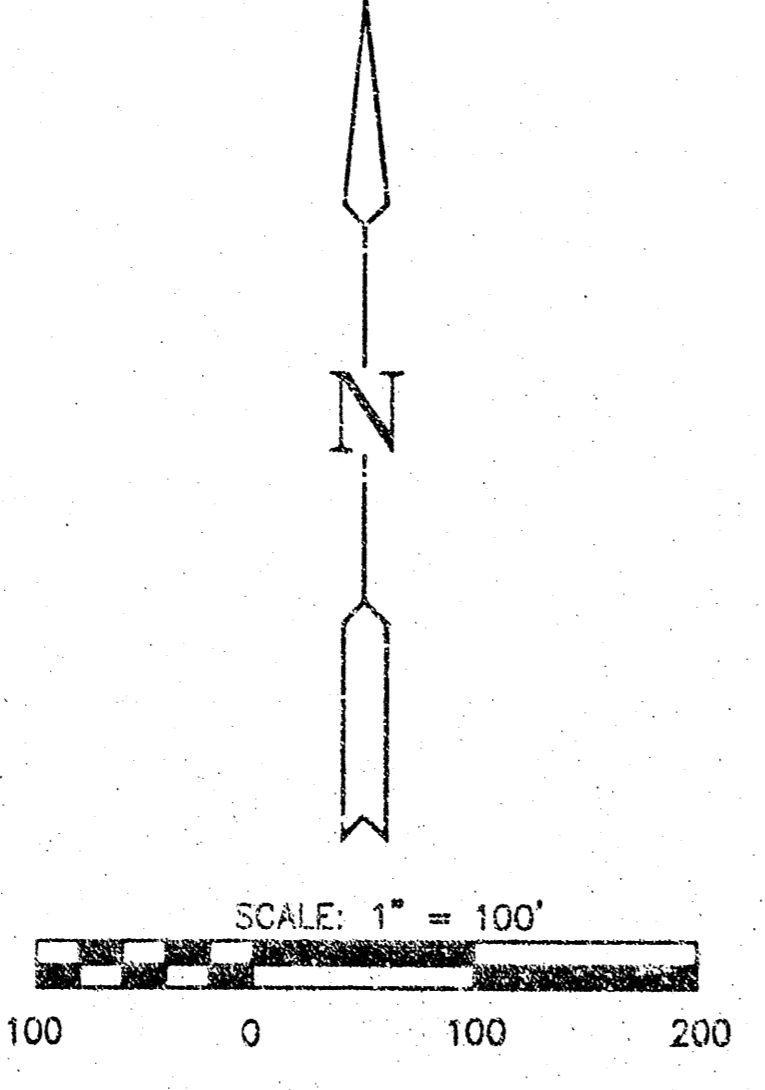
FINAL PLAT

HOME DESIGN CENTER THIRD ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



$\Delta = 09^{\circ}59'32''$
 $R = 419.25'$
 $L = 73.11'$
Chd. = 73.02'
Bearing = $N05^{\circ}53'04''W$



LEGEND
- - IRON

S.W. Cor. Sec. 32,
T26S, R2E, 6th. P.M.
 $N89^{\circ}07'40''E$ 1440.20'

I, Kenneth H. Bengtson, a Civil Engineer and Registered Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and plotting of "HOME DESIGN CENTER THIRD ADDITION", an addition to Wichita, Sedgwick County, Kansas, into lots, and a block, the same being accurately set forth in the accompanying plat and described herein:

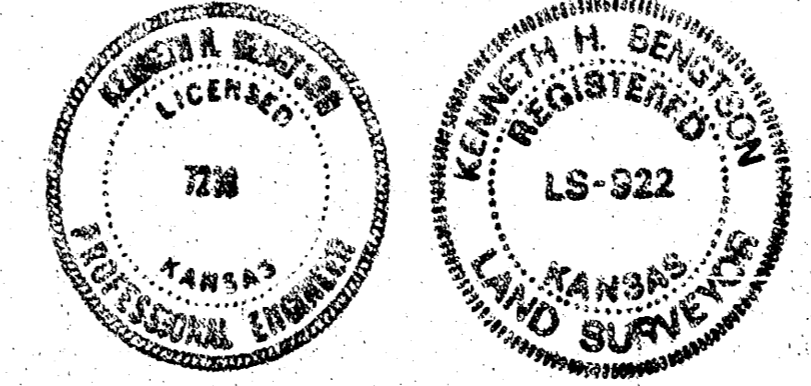
A replat of a portion of Lot 2 and all of Lot 3, Block 1, HOME DESIGN CENTER ADDITION, an addition to Wichita, Sedgwick County, Kansas, more particularly described as follows:

A tract of land lying in a portion of Lot 2, Block 1 of Home Design Center Addition, an addition to Wichita, Sedgwick County, Kansas, more particularly described as follows: Beginning at the Southwest corner of said Lot 2; thence $N 00^{\circ}53'18''W$, 597.26 feet to a point on a curve to the left, thence along said curve 73.11 feet, said curve having a central angle of $95^{\circ}32'$, a radius of 419.25 feet and a long chord of 73.02 feet, bearing $N 5^{\circ}53'04''W$; thence $N 89^{\circ}07'40''E$, 256.83 feet to the East line of said Lot 2; thence $S 00^{\circ}53'18''E$, 669.83 feet along the East line of said Lot 2; thence $S 89^{\circ}06'42''W$, 250.00 feet along the South line of said Lot 2 to the Point of Beginning; and also Lot 3, Block 1 of said addition.

All lots, blocks, easements, building setbacks and the Utility Easement on Firm 1546, Page 1039, lying within the above described property are hereby vacated and replatted by virtue of K.S.A. 12-512(b).

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 11 day of June, 1996.

Kenneth H. Bengtson
Kenneth H. Bengtson, P.E., A.L.S. #922
Mid-Kansas Engineering Consultants, Inc.
411 North Webb Road
Wichita, KS 67206



Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineer's and Registered Land Surveyor's Certificate, have caused the same to be surveyed and platted into lots, and a block, the same to be known as "HOME DESIGN CENTER THIRD ADDITION", an addition to Wichita, Sedgwick County, Kansas. Easements for the construction and maintenance of public utilities and drainage as indicated on the accompanying plat are hereby granted to the public. The 3 foot well easement is granted for the construction and maintenance of a privacy wall, public utilities are allowed to cross well easement. All abutters right of access to or from 29th Street North over and across the South line of HOME DESIGN CENTER THIRD ADDITION, are hereby granted to the public, provided however Lot 1 shall have access to 29th Street North at one location as determined by the City Engineer.

William R. Cary
William R. Cary

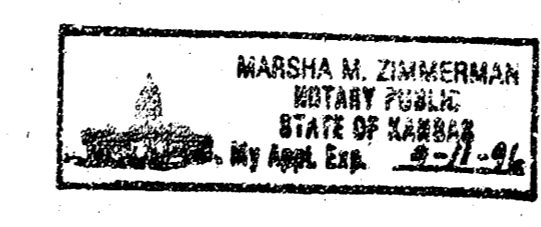
Linda K. Cary
Linda K. Cary

STATE OF KANSAS)
SEDGWICK COUNTY)

BE IT REMEMBERED, that on this 12th day of June, 1996, before me the undersigned, a Notary Public in and for the County and State aforesaid, came William R. Cary and Linda K. Cary, husband and wife, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year last written.

Marsha M. Zimmerman
Marsha M. Zimmerman
Notary Public
My appointment expires: September 11, 1996



MICHIGAN NATIONAL BANK

John F. Rogan
John F. Rogan
V.P. Vice President

STATE OF MICHIGAN)
OAKLAND COUNTY)

BE IT REMEMBERED, that on this 18th day of July, 1996, before me the undersigned, a Notary Public in and for the County and State aforesaid, came John F. Rogan, Vice President, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year last written.

Annreal Marie Hemmingway
Annreal Marie Hemmingway
Notary Public
My appointment expires:

ANNREAL MARIE HEMMINGWAY
Notary Public, Oshtemo County, MI
My Comm. Expires Feb. 26, 1997

This plat of "HOME DESIGN CENTER THIRD ADDITION", has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 16th day of May, 1996.

WICHITA-SEDGWICK COUNTY METROPOLITAN PLANNING COMMISSION

Susan Osborne Howes
Susan Osborne Howes, Chairman

Marvin S. Kroat
Marvin S. Kroat, Secretary

This plat approved and all dedications shown thereon, if any, accepted by the City Council of the City of Wichita, Kansas, this 16th day of AUGUST, 1996.

Bob Knight
Bob Knight, Mayor

Pat Burnett
Pat Burnett, City Clerk

Entered on transfer record this 11th day of October, 1996.

Susan E. Crockett-Spoo
Susan E. Crockett-Spoo, County Clerk

STATE OF KANSAS)
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this 11th day of October, 1996.

Pat Kettler
Pat Kettler, Register of Deeds
By *Deana Manheimer* Deputy

Deana Manheimer
Deana Manheimer, Deputy
Ed-Reso

1561780

20.00 ck

10-8-96