

# STORM WATER SEWER PLANS FOR KELLOGG WEST SQUARE ADDITION

AN ADDITION TO  
CITY OF WICHITA  
SEDGWICK COUNTY, KANSAS  
JUNE, 1994

USER CODE 477PPS (607861)

## GENERAL NOTES

- UNLESS SHOWN OR STATED ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO REESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE REESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- 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.

- CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL (STATE) 1-800-344-7233  
(WICHITA) 687-2470

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

CABLEVISION 262-0661  
K&E (GAS) 832-3169 OR 832-3180  
K&E (ELECTRIC) 264-1141  
SOUTHWEST BELL TELEPHONE COMPANY 1-571-2115  
CITY OF WICHITA WATER DEPARTMENT & 268-4908  
SEWER MAINTENANCE  
ARKLA GAS COMPANY 942-8350 or 263-8161

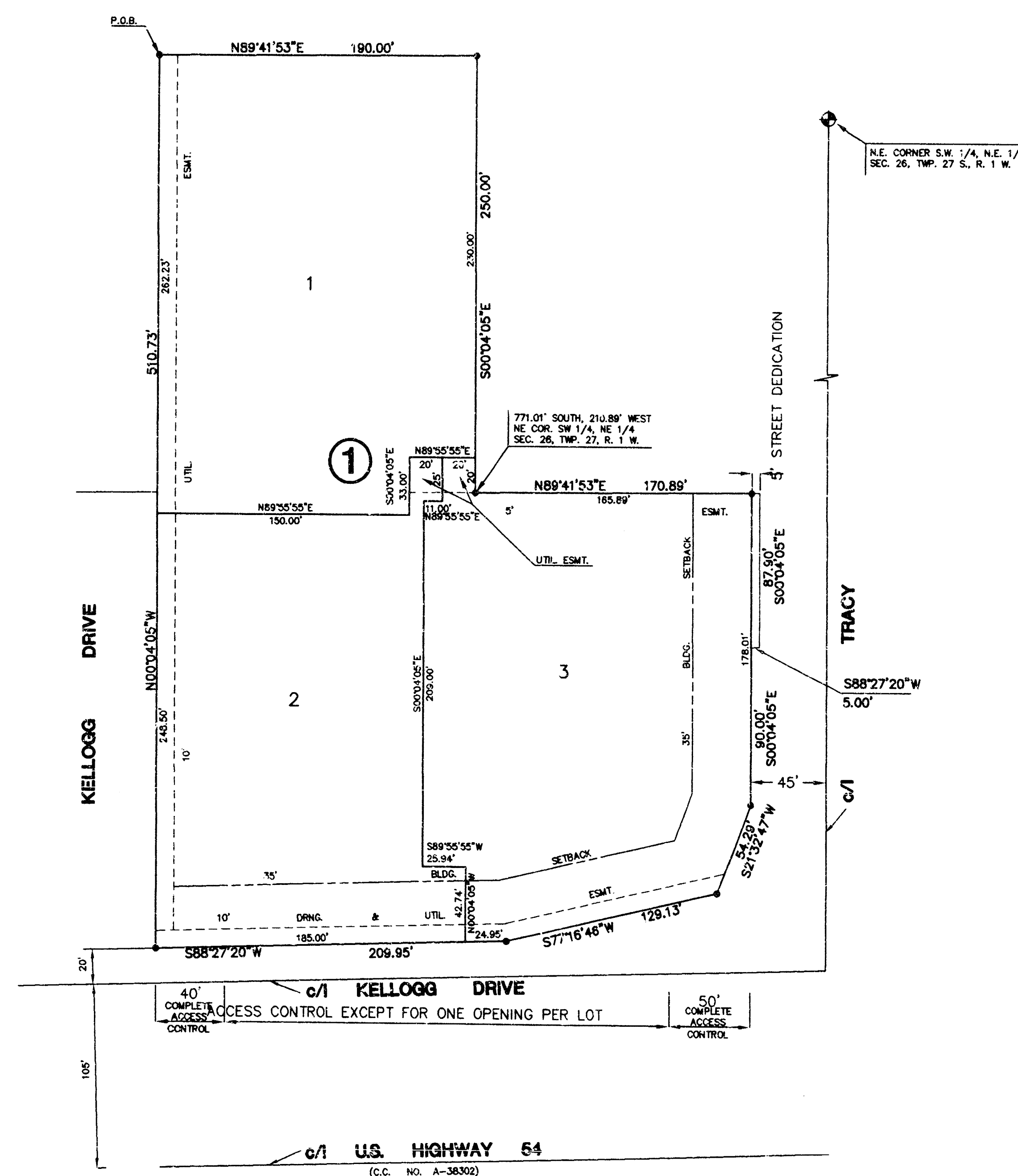
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, 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.
- THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS. INLET DEPRESSIONS NEED TO BE TIED TO CURB, GUTTER, AND PAVING.

## BENCHMARKS

- BM 1 "D" CUT ON TOP OF CURB AT NORTH  
END OF TRAFFIC ISLAND IN TRACY  
STREET. ELEV.=117.87
- BM 2 "D" CUT ON TOP OF CURB AT SOUTH  
END OF TRAFFIC ISLAND IN KELLOGG  
DRIVE. ELEV.=118.05
- BM 3 "D" CUT ON THE EAST SIDE OF LIGHT POLE  
BASE AT TRAFFIC ISLAND IN KELLOGG DRIVE.  
ELEV.=119.14

SCALE: 1" = 100'

LEGEND  
• IRON



## INDEX TO DRAWINGS

| SHEET NO. | DESCRIPTION                         |
|-----------|-------------------------------------|
| 1         | TITLE SHEET                         |
| 2         | PLAN                                |
| 3         | PROFILE                             |
| 4         | STD. TYPE 1A CURB INLET<br>6"X5'-0" |
| 5         | DROP INLET DETAILS                  |
| 6         | FINAL PLAT                          |

APPROVED AS NOTED  
BY CITY OF ENGINEER OF WICHITA

Sanitary Sewers \_\_\_\_\_

Storm Sewers VRH 7/22/94

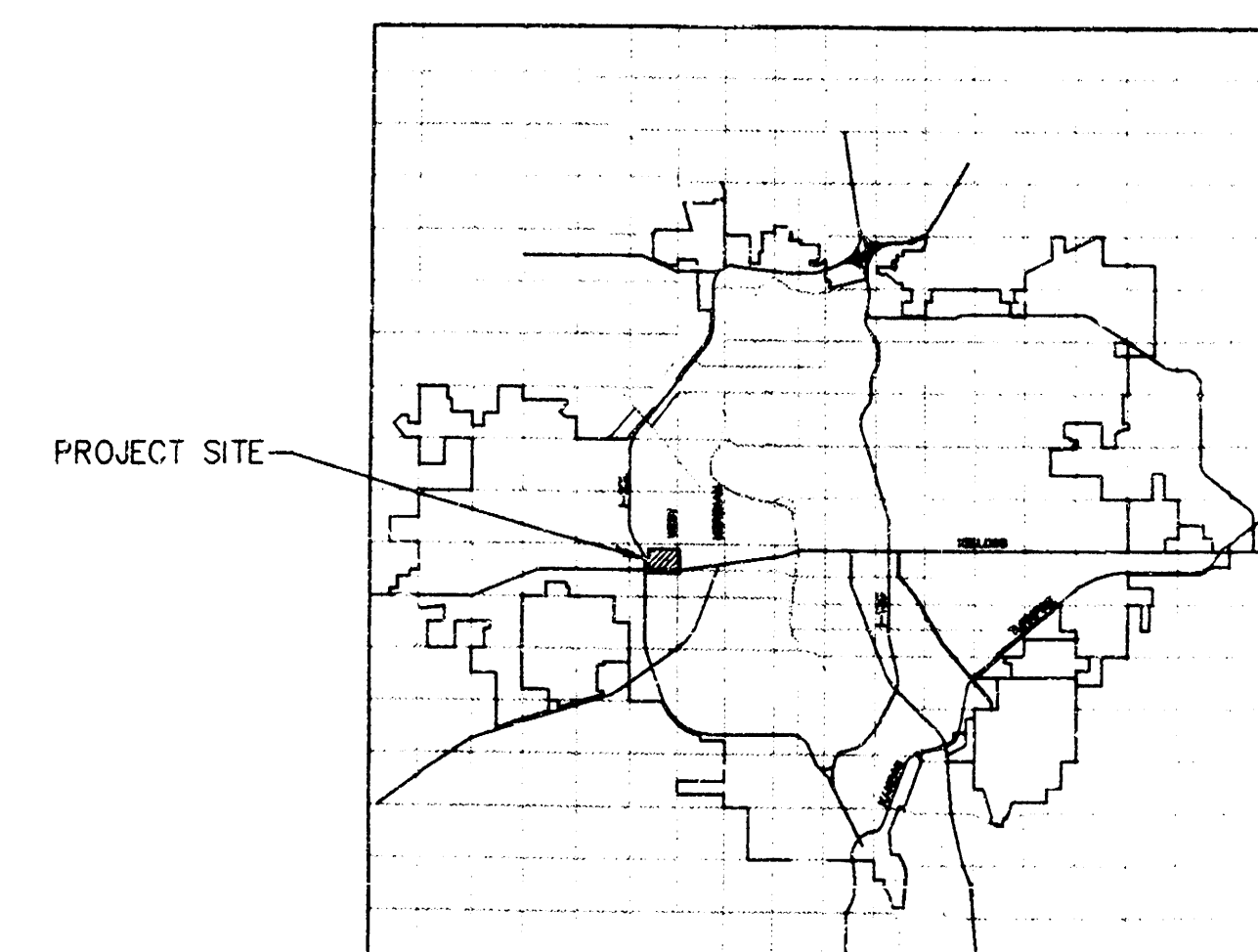
Driveway Approaches \_\_\_\_\_

Water Mains \_\_\_\_\_

Paving \_\_\_\_\_

## NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH 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 IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.



## LOCATION MAP

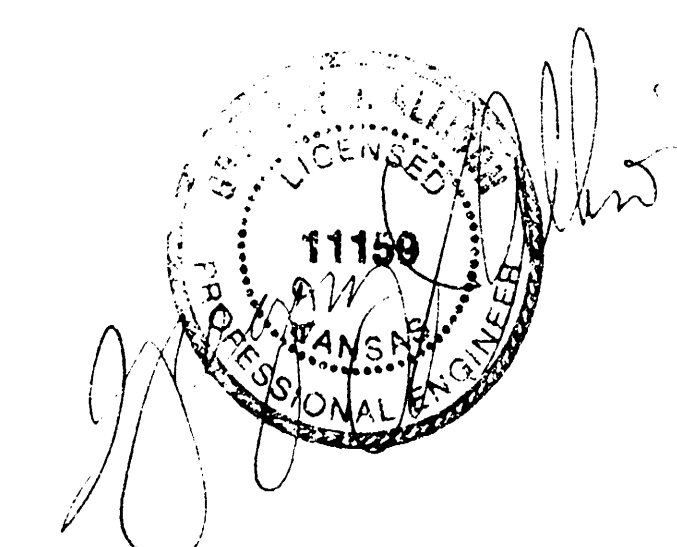
AS BUILT: 3-12-97



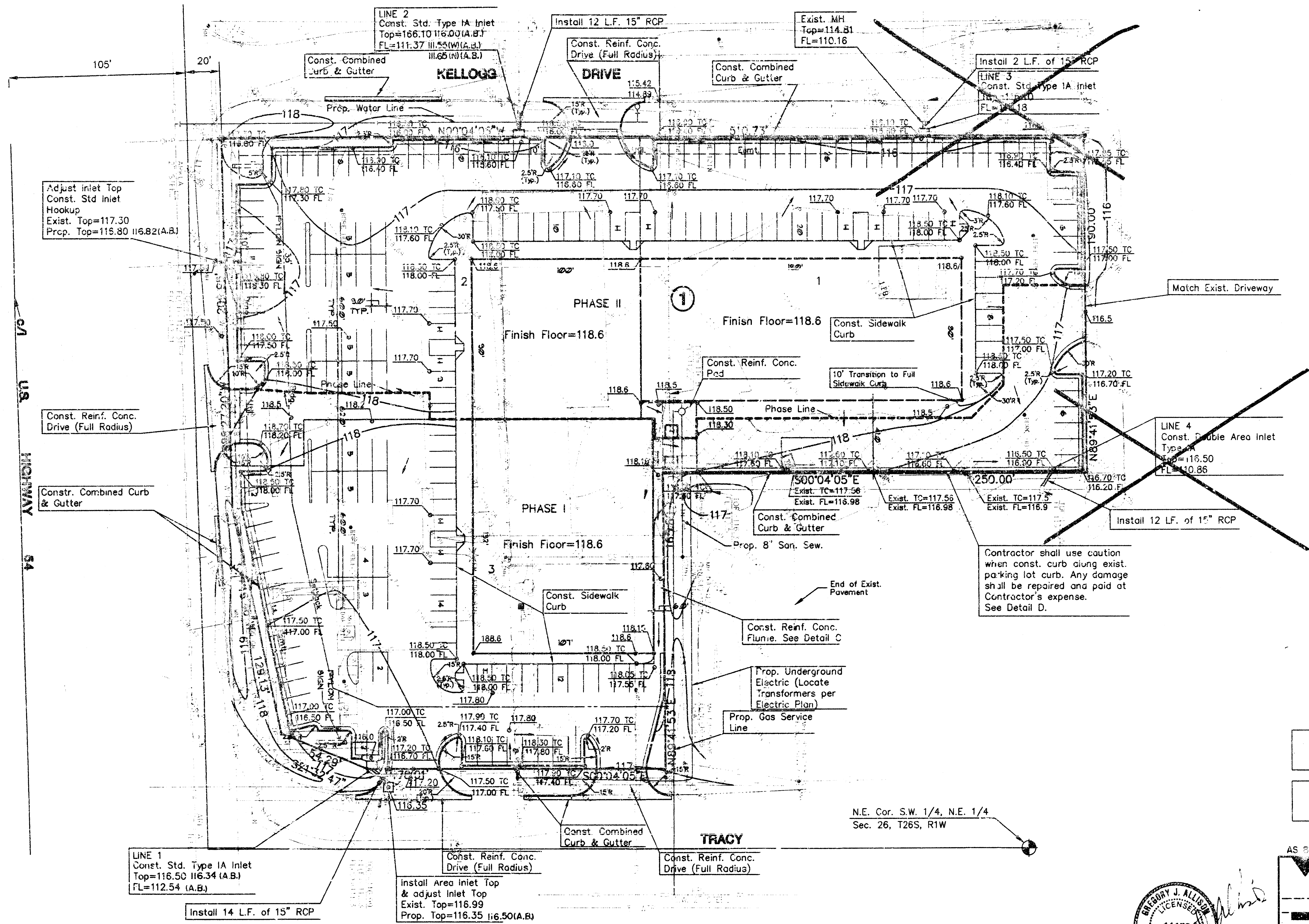
**KELLOGG WEST  
SQUARE ADDITION**  
**STORM WATER SEWER  
PLANS**

Design  
G.J.A.  
Drawn by  
W.N.J.  
Checked by  
G.J.A.  
Date  
6/94  
Job no.  
9423SWST  
Sheet  
1  
6

MID-KANSAS ENGINEERING CONSULTANTS INC.  
3500 NORTH ROCK ROAD  
BUILDING #800  
WICHITA, KANSAS 67226 (316) 636-5566

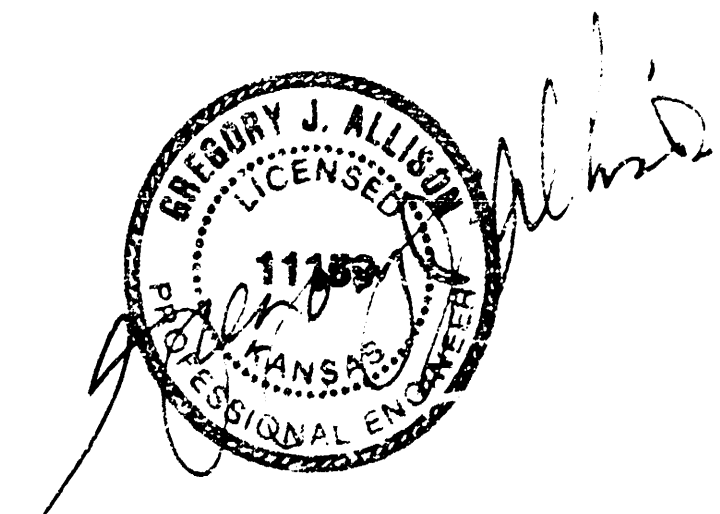


BOOKED  
5-14-97  
MG  
D-24



Scale: 1" = 30'

- Heavy Load Use (See Detail B)
- 20' x 30' x 7" Thick Conc. Paving w/ #3 @ 18" O.C.E.W. (Ref. Arch. Drawings)



AS BUILT: 3-12-97

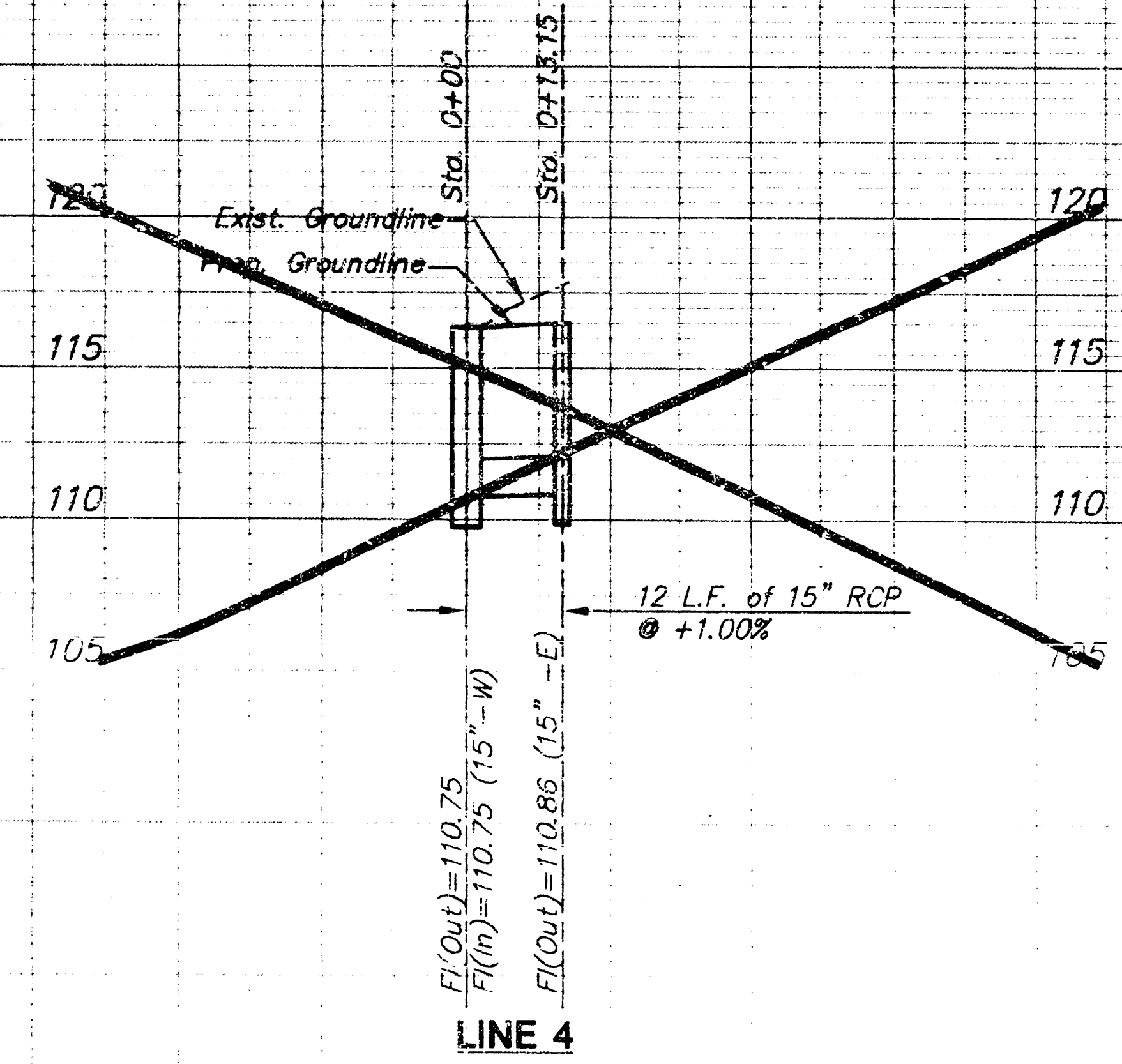
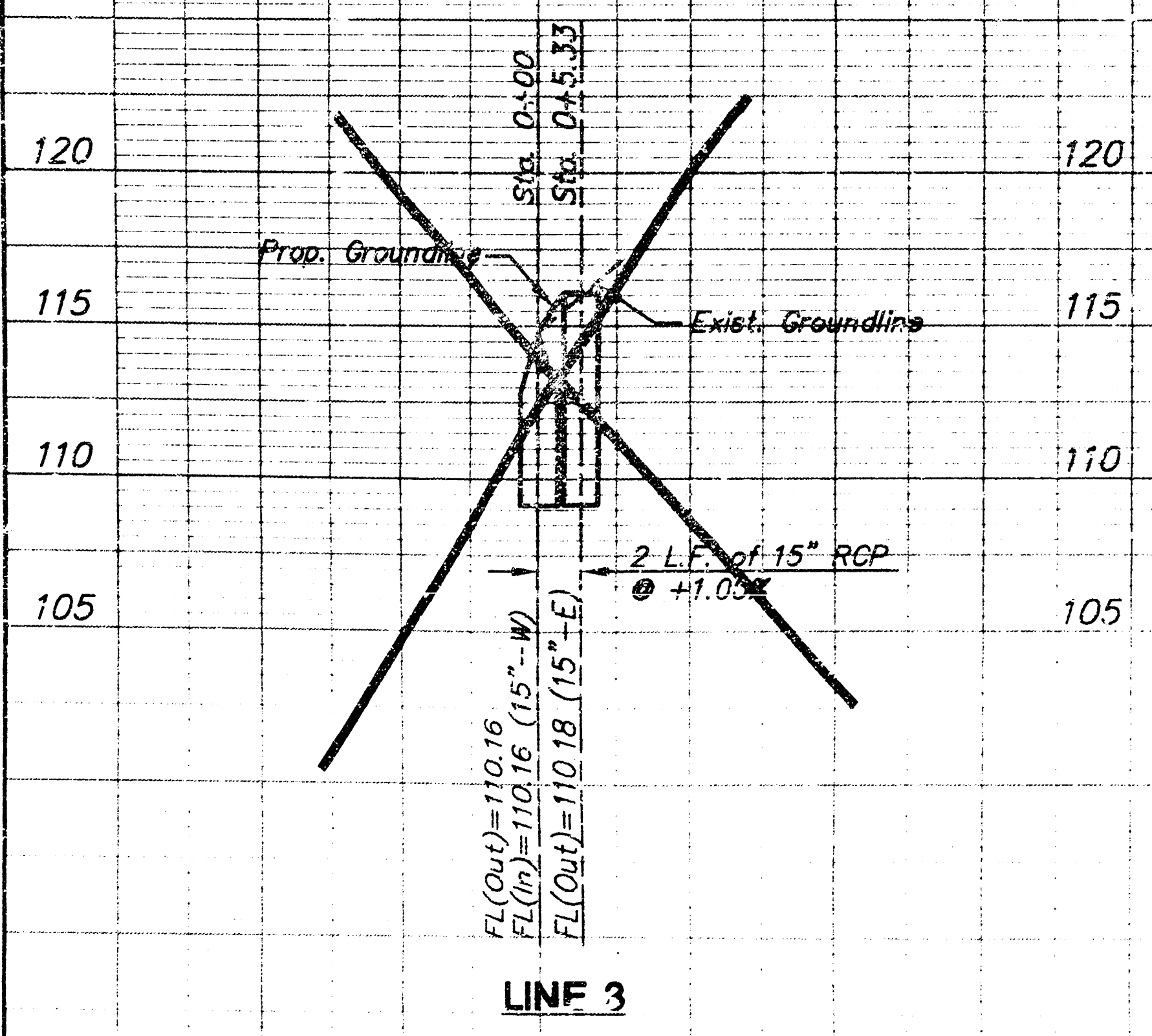
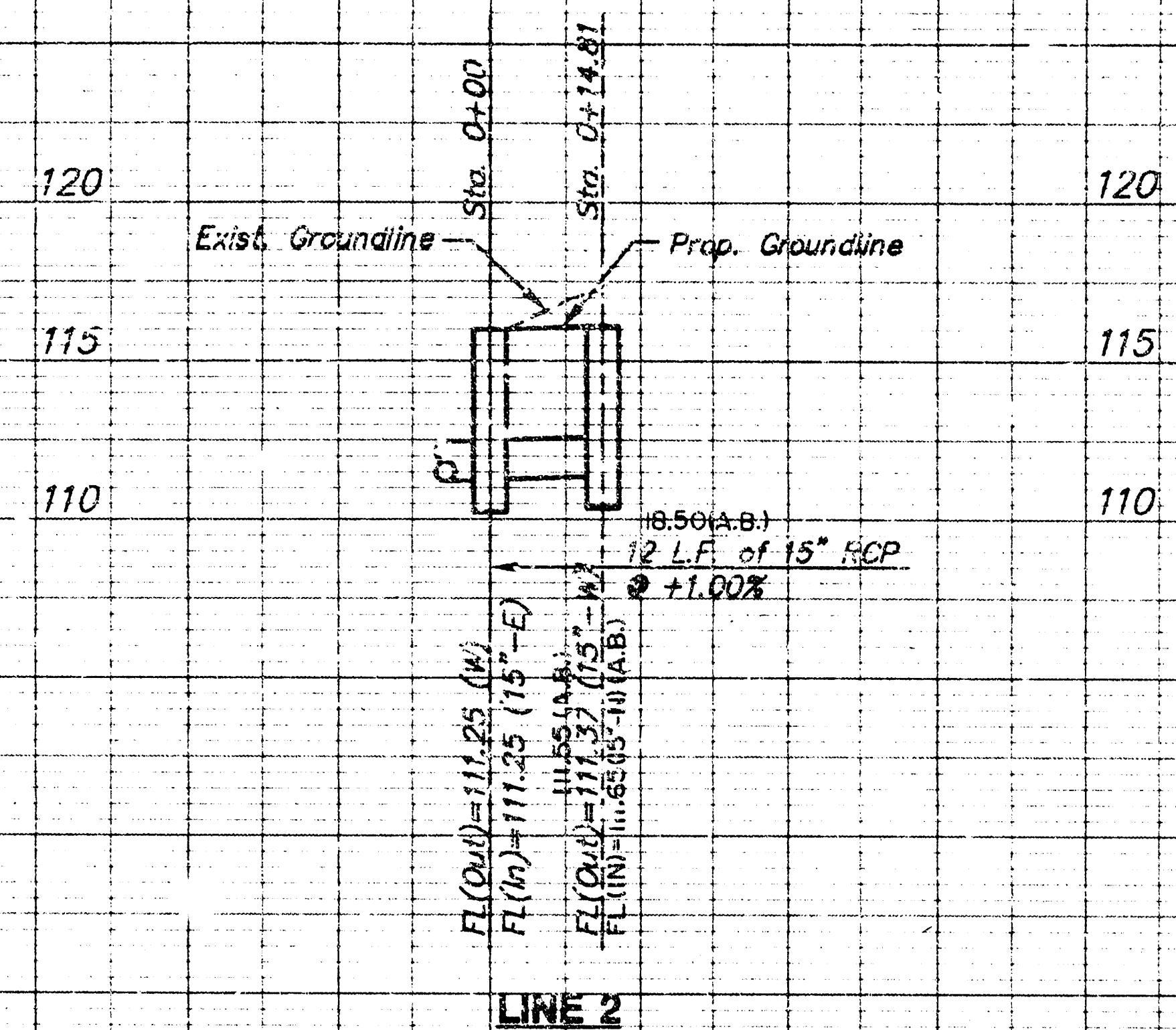
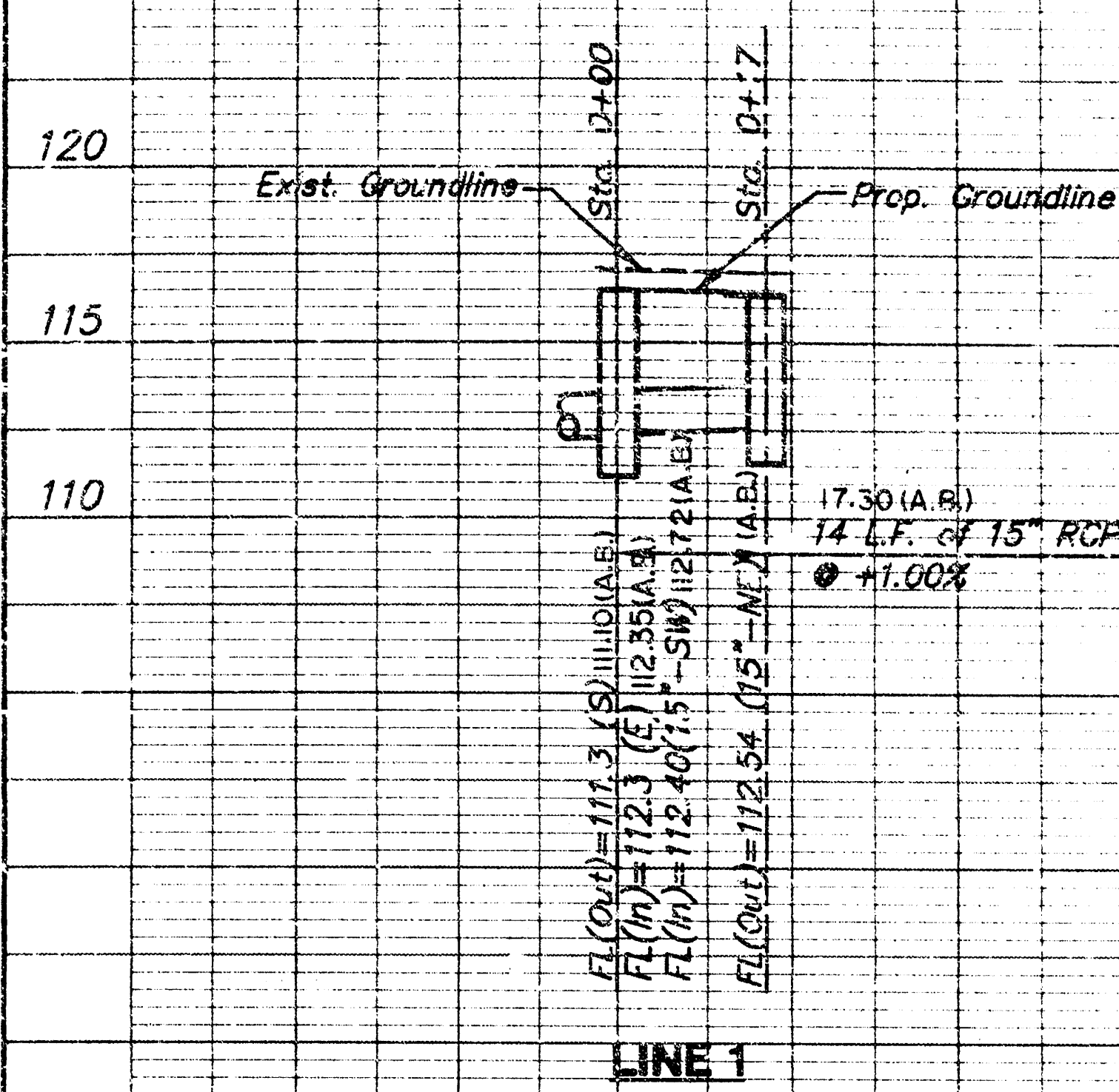
**KELLOGG WEST SQUARE**

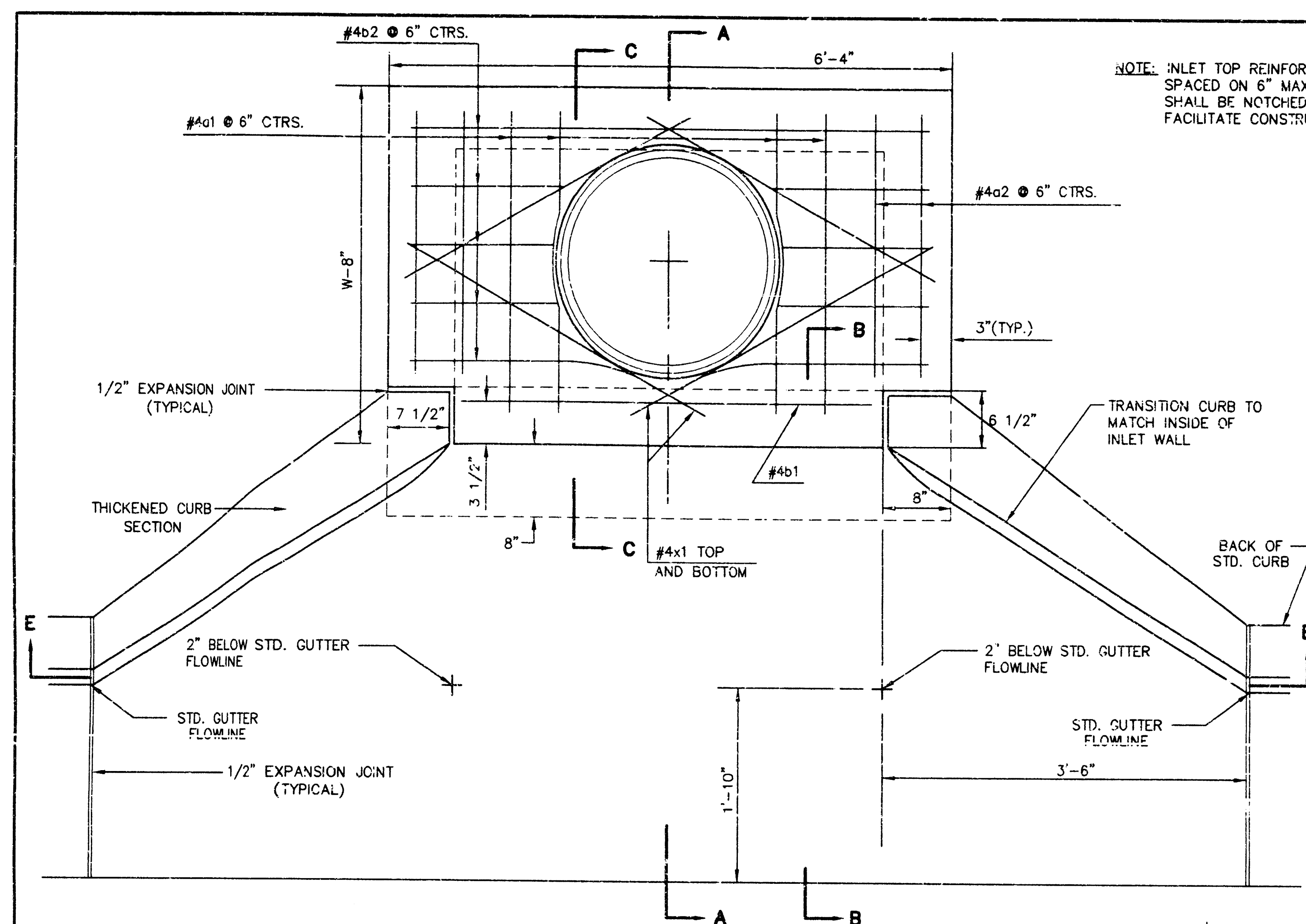
**GRADING PLAN**

MID-KANSAS ENGINEERING CONSULTANTS INC.  
3500 NORTH ROCK ROAD  
BUILDING #300  
WICHITA, KANSAS 67226  
(316) 636-5566

|            |          |
|------------|----------|
| Design     | GJA      |
| Drawn by   | WNJ      |
| Checked by | GJA      |
| Date       | 6/94     |
| Job no.    | 3423GRAD |
| Sheet      | 2 of 6   |

KELLOGG WEST SQUARE  
STORM WATER SEWER  
PROFILES

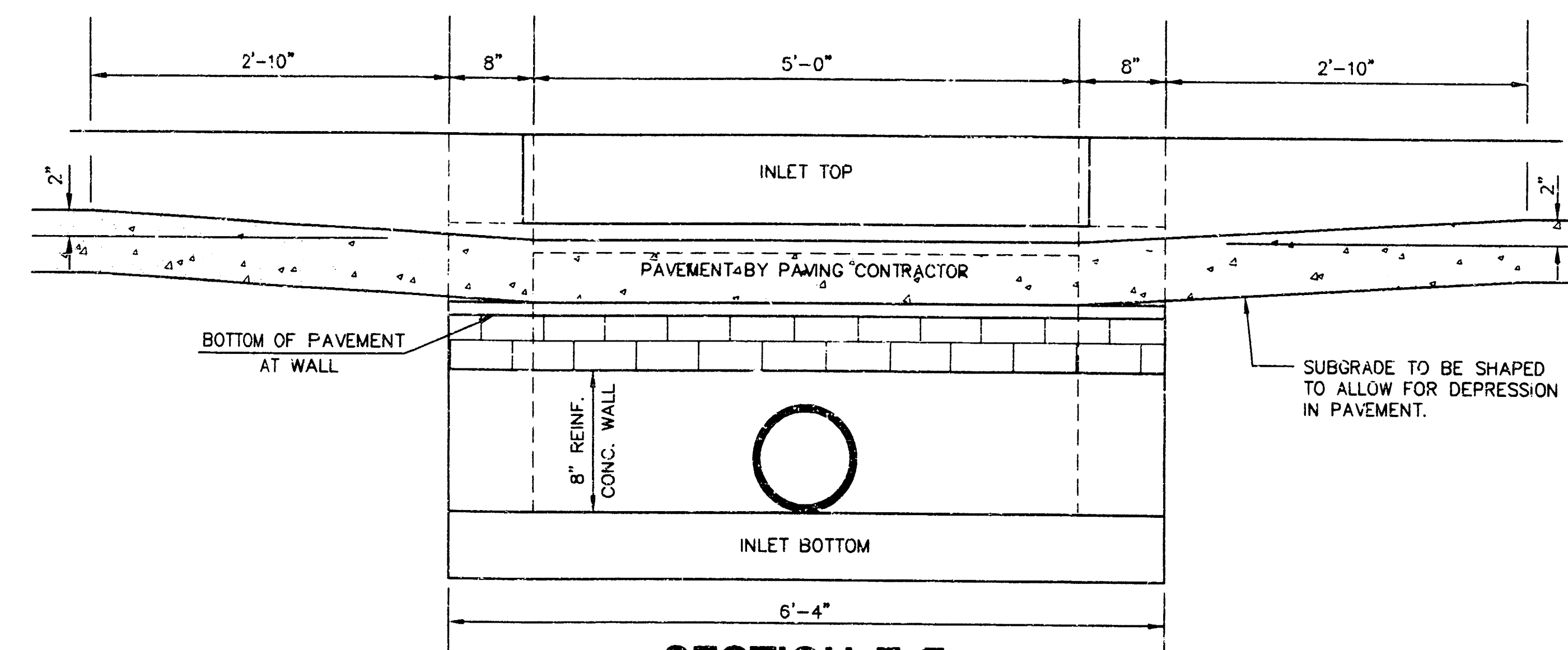




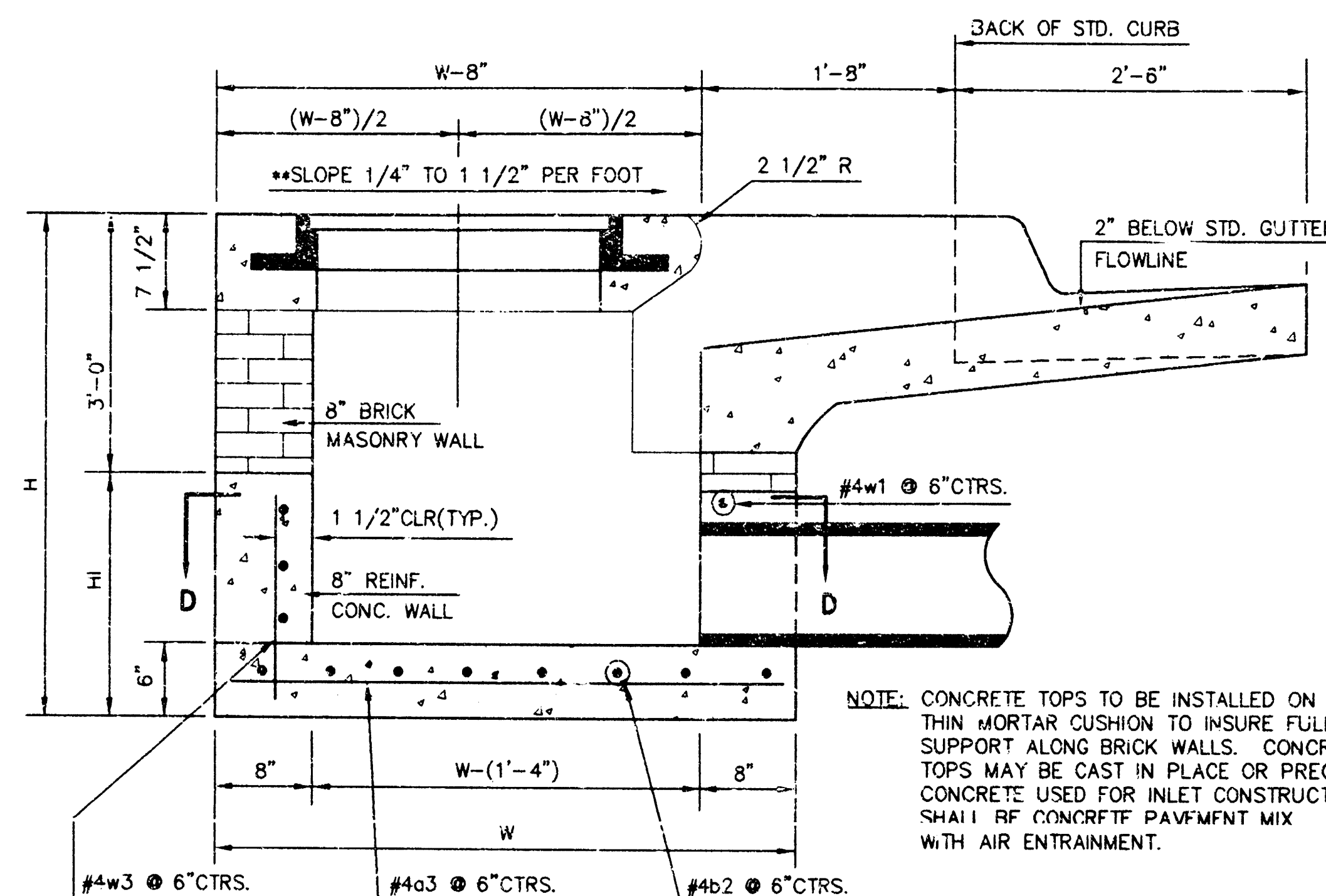
PLAN

| PRECAST SLAB AND FLOOR REINFORCING |      |         |        |         |        |         |        |         |        |         |        |
|------------------------------------|------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
|                                    |      | W=4'-4" |        | W=5'-4" |        | W=6'-4" |        | W=7'-4" |        | W=8'-4" |        |
| MARK                               | SIZE | 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"  |
| wb2                                | #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                   |      |         |        |         |        |         |        |         |        |         |        |
|                                    |      | W=4'-4" |        | W=5'-4" |        | W=6'-4" |        | W=7'-4" |        | W=8'-4" |        |
| MARK                               | SIZE | 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      |
|                                    |      |         |        |         |        |         |        |         |        |         |        |

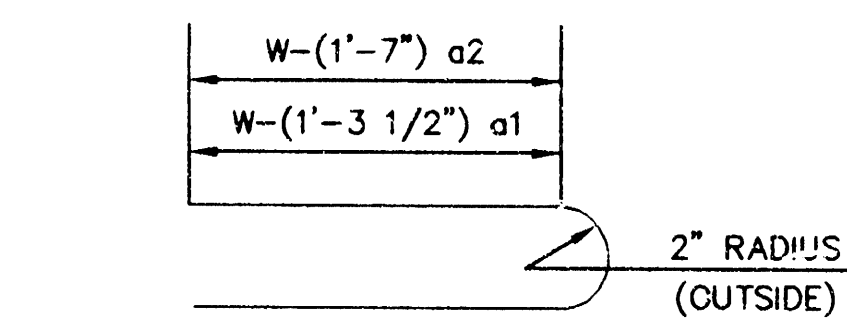
\* FIELD BEND OR CUT REINFORCING AS REQUIRED FOR CLEARANCE  
 ① 4(HI-12"); (HI-12") ROUNDED DOWN TO NEAREST 0.5"  
 ② HI-3"



SECTION E-E



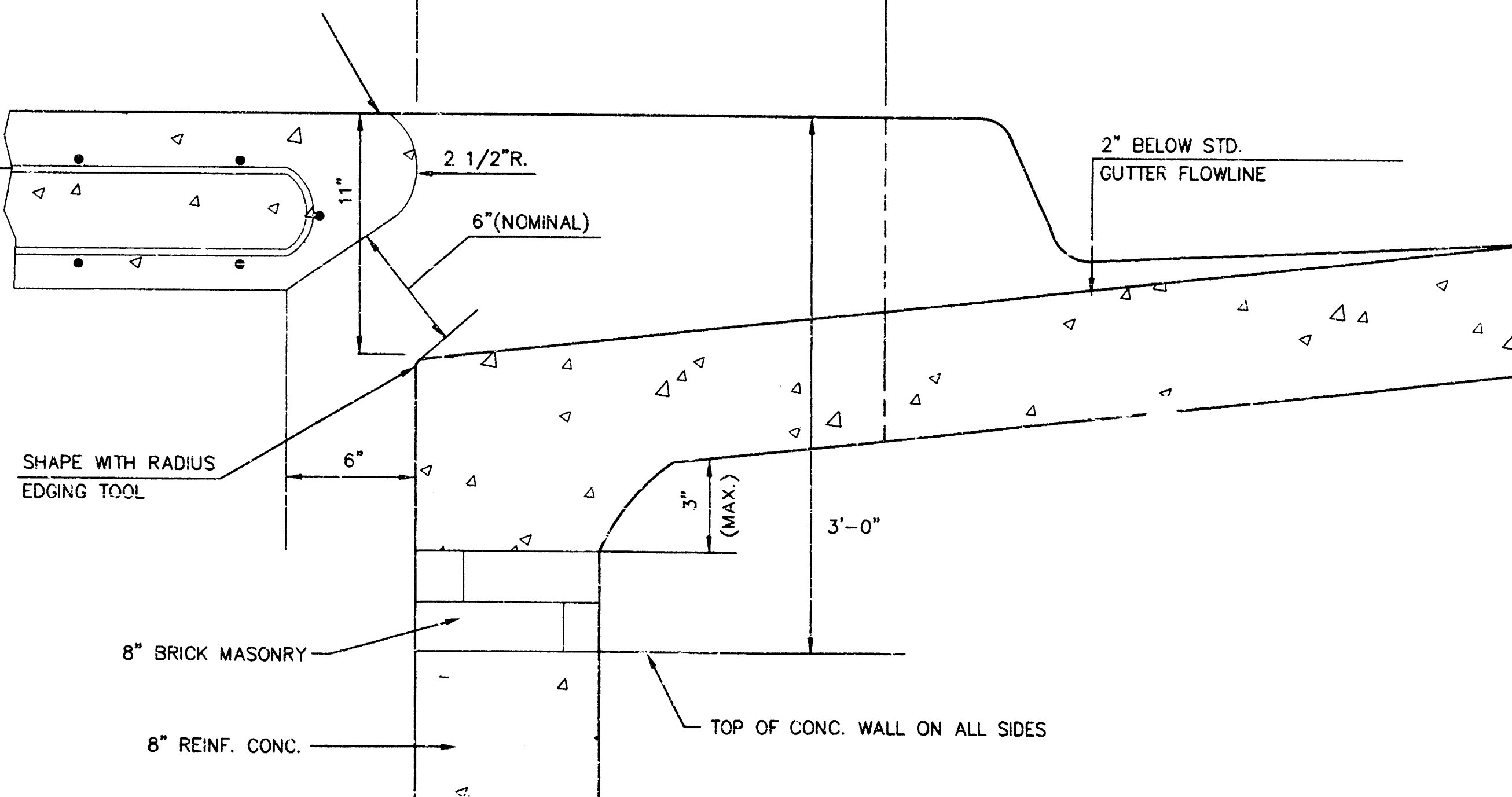
SECTION A-A



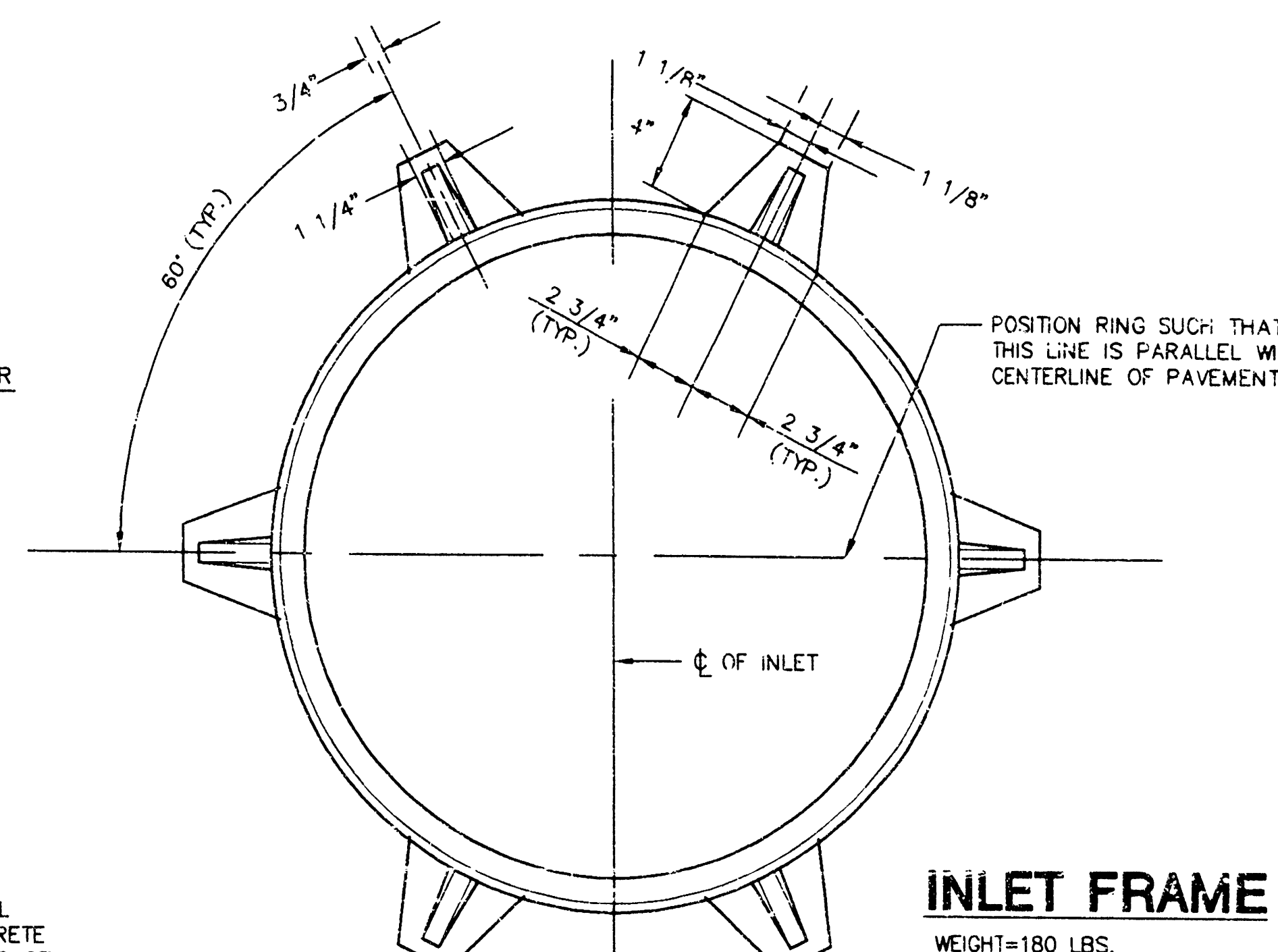
BENDING DIAGRAM

| 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"     | .64±          |
| 7'-4" | 6'-8"x6'-4"x7 1/2" | 48" & 54"     | .77±          |
| 8'-4" | 7'-8"x6'-4"x7 1/2" | 60" & 66"     | .90±          |

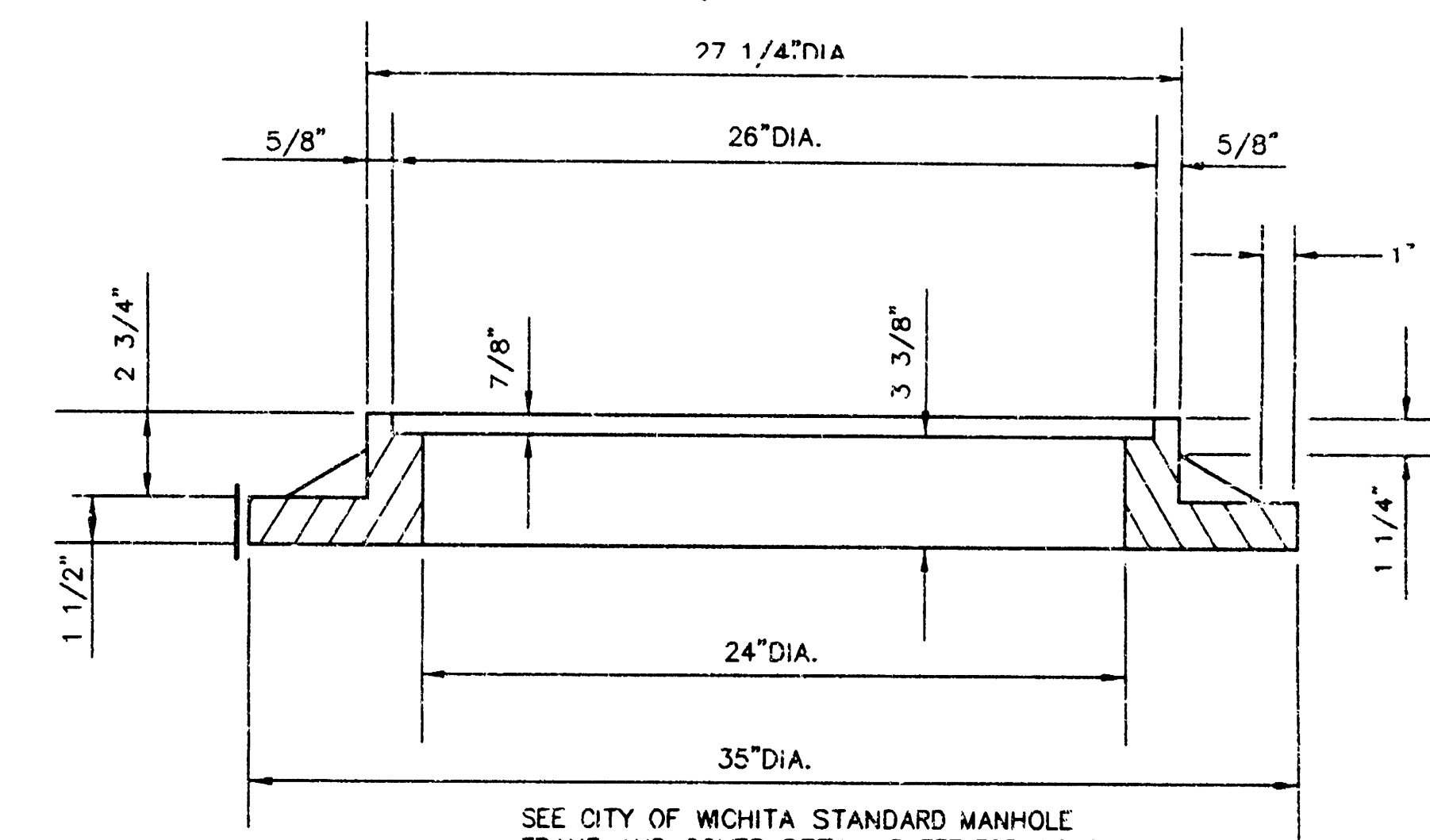
TOP OF INLET SAME ELEV.  
AS TOP OF STD. CURB



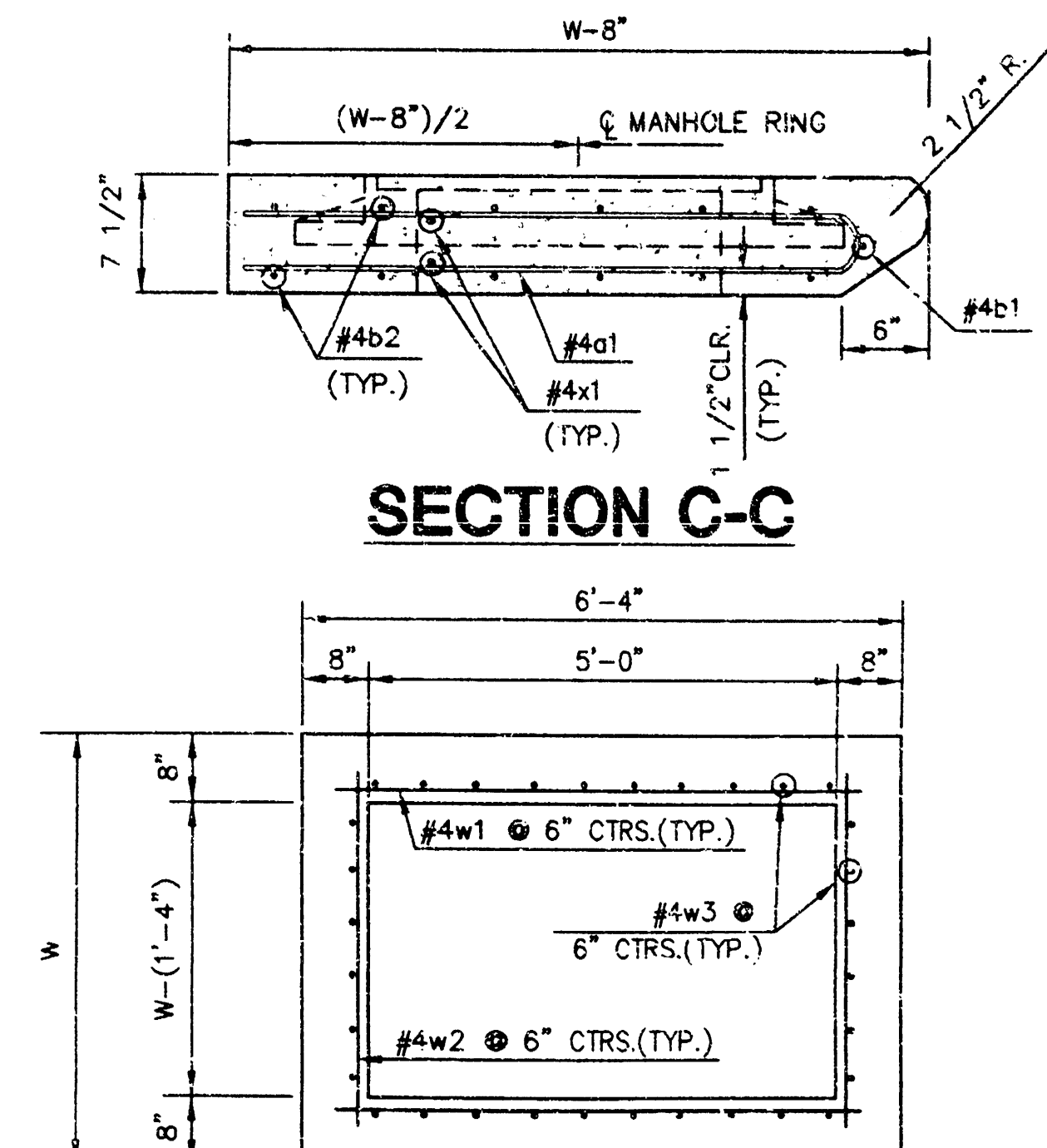
SECTION B-B



INLET FRAME



SECTION C-C

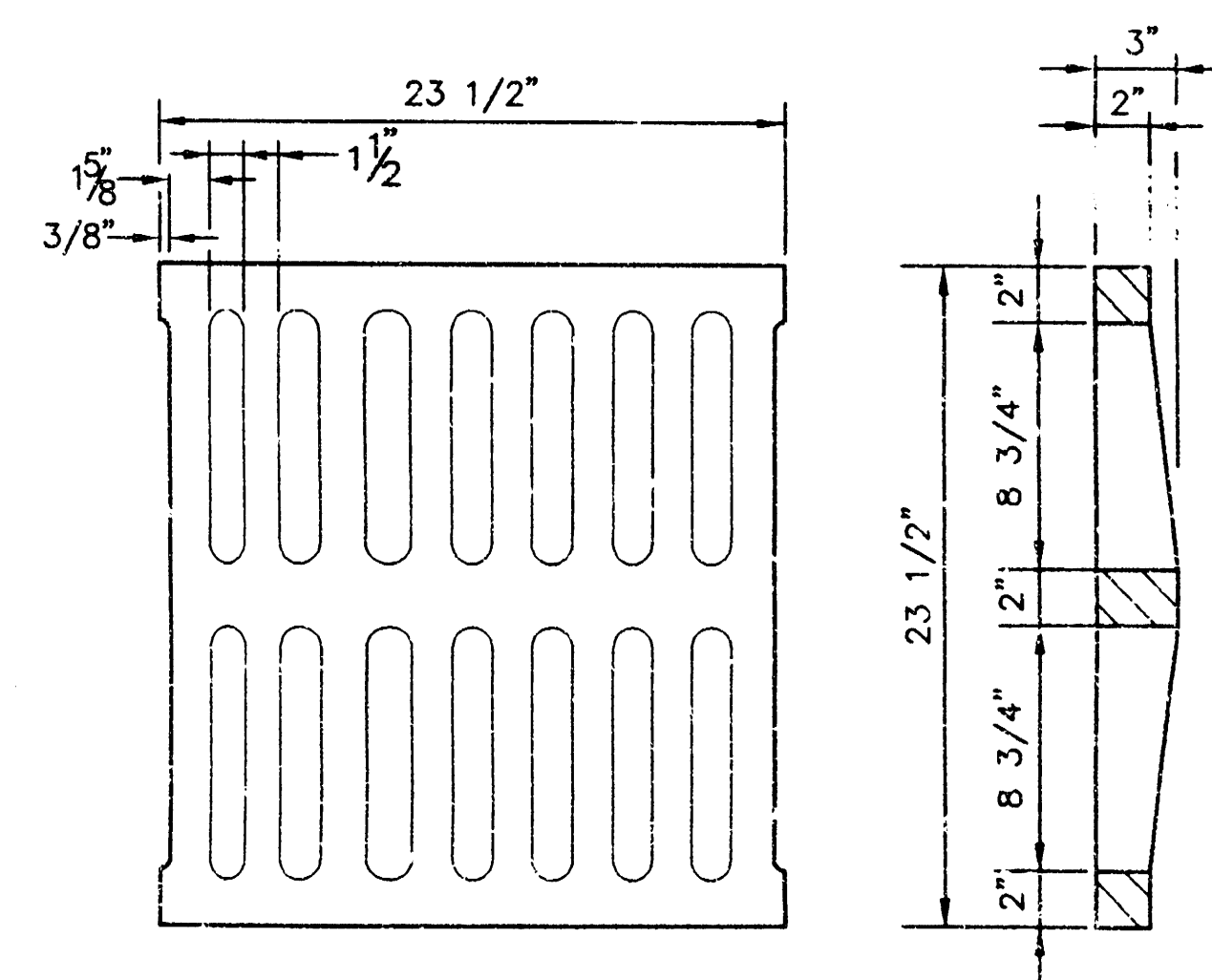
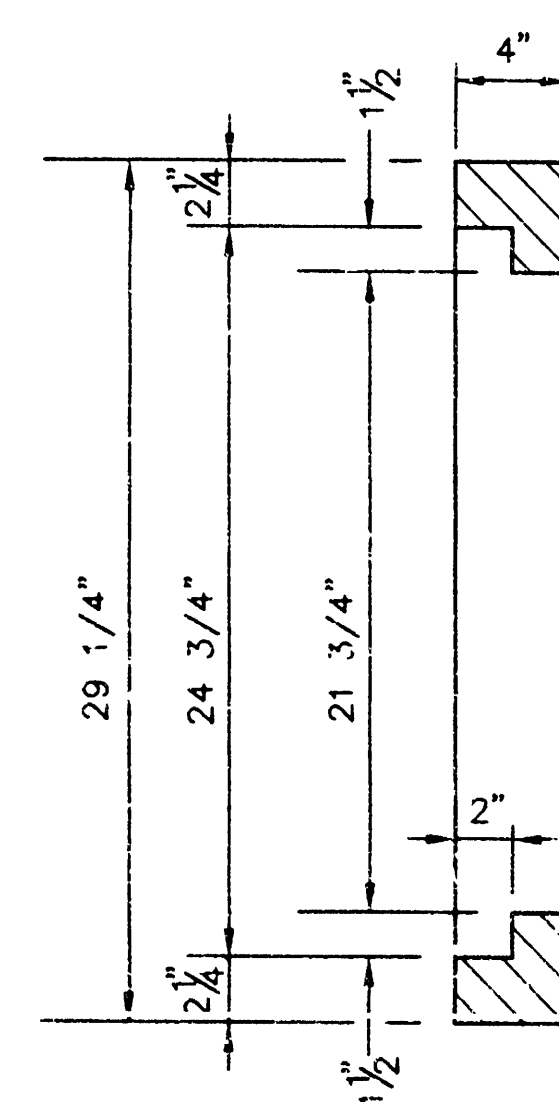
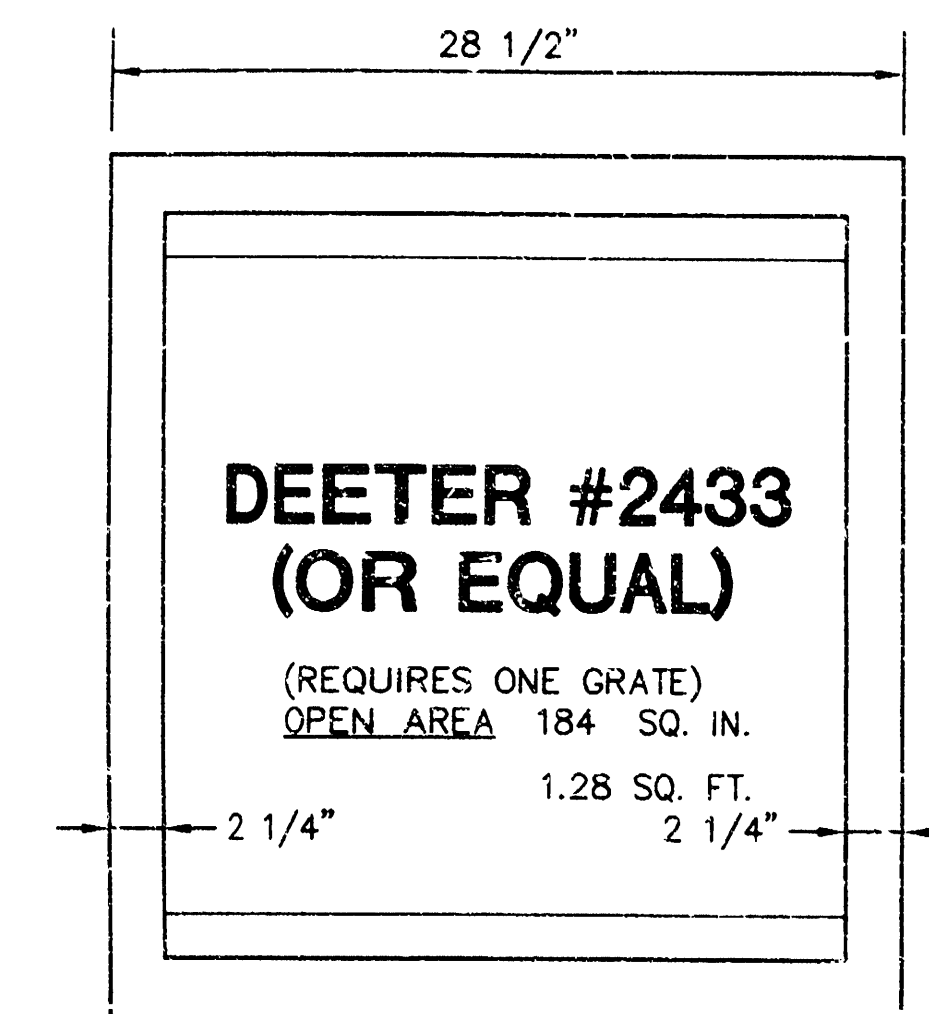


SECTION D-D

REVISED: 12-16-89 C.O.W. AS BUILT: 3-12-97

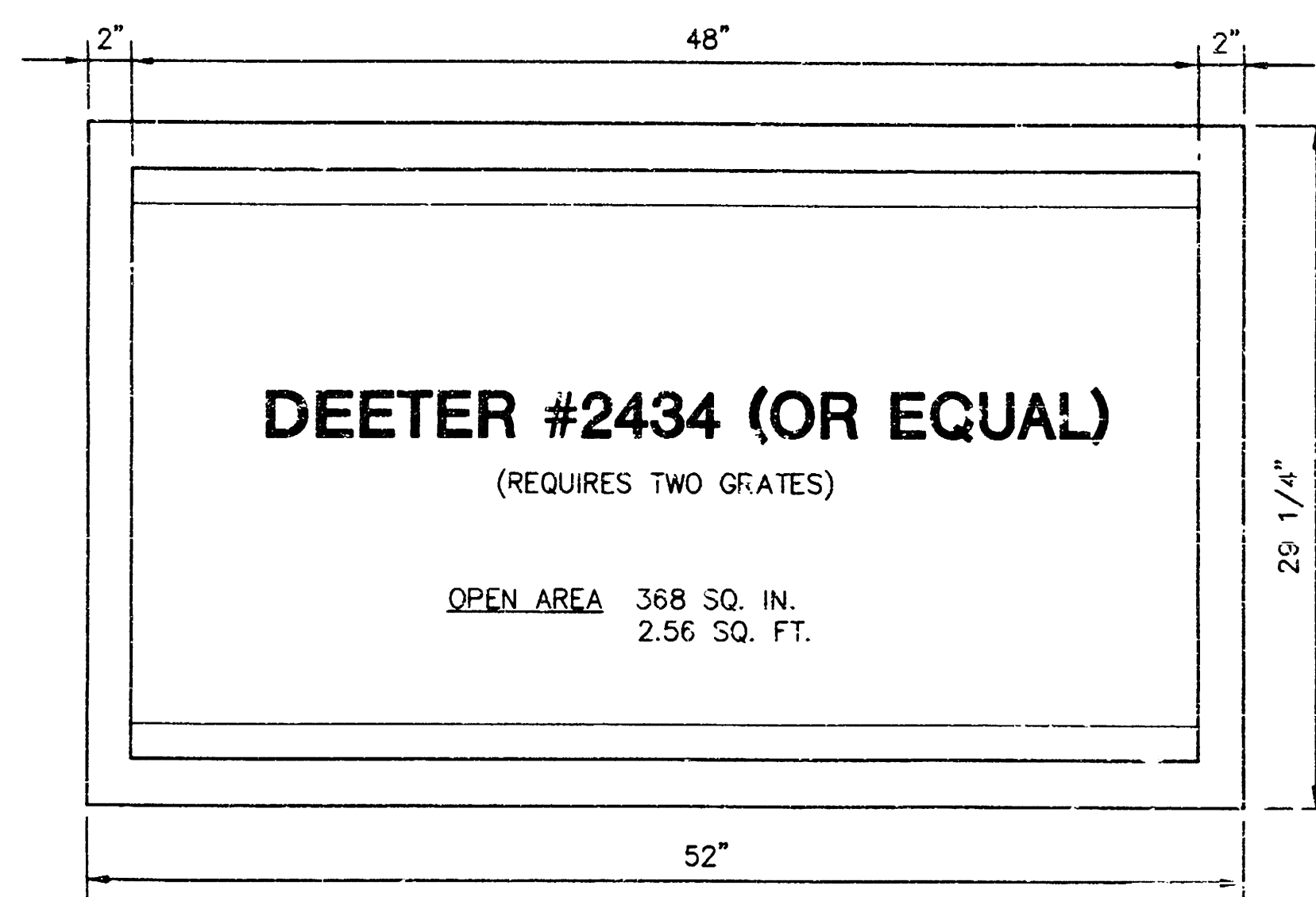
|                                       |            |            |        |
|---------------------------------------|------------|------------|--------|
| <b>STANDARD TYPE 1A CURB INLET</b>    |            |            |        |
| INLET OPENING=6"x5'-0"                |            |            |        |
| PROJECT NO. 87 N 0029-01 SEDGWICK CO. |            |            |        |
| JUNE 1984                             |            |            |        |
| CITY OF WICHITA, KANSAS               |            |            |        |
| Design C.O.W.                         | Checked by | Checked by | 4 OF 6 |
| Drawn by                              | Date       | Date       | Job No |

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 USED ONLY IF APPROVED BY THE ENGINEER.

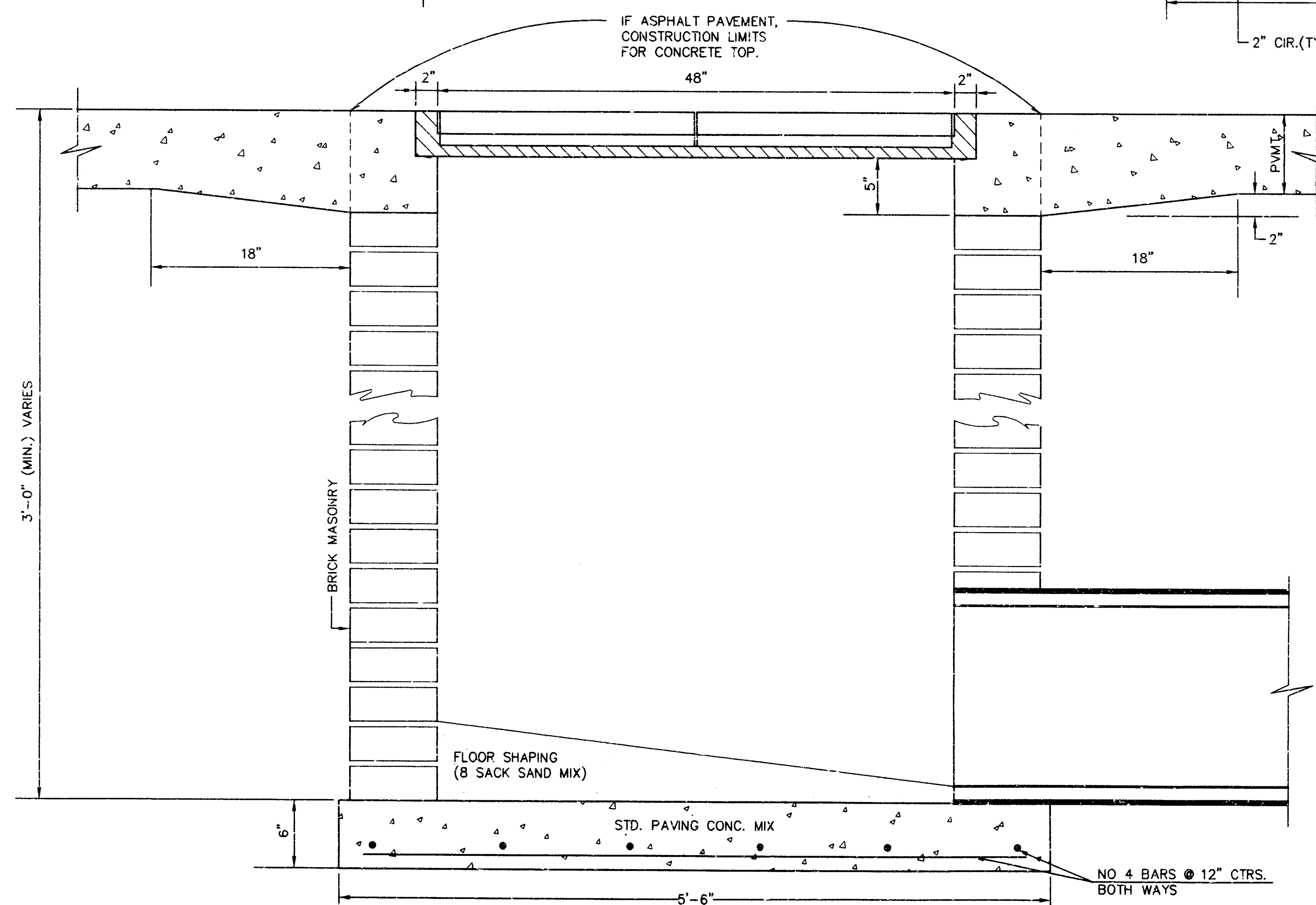
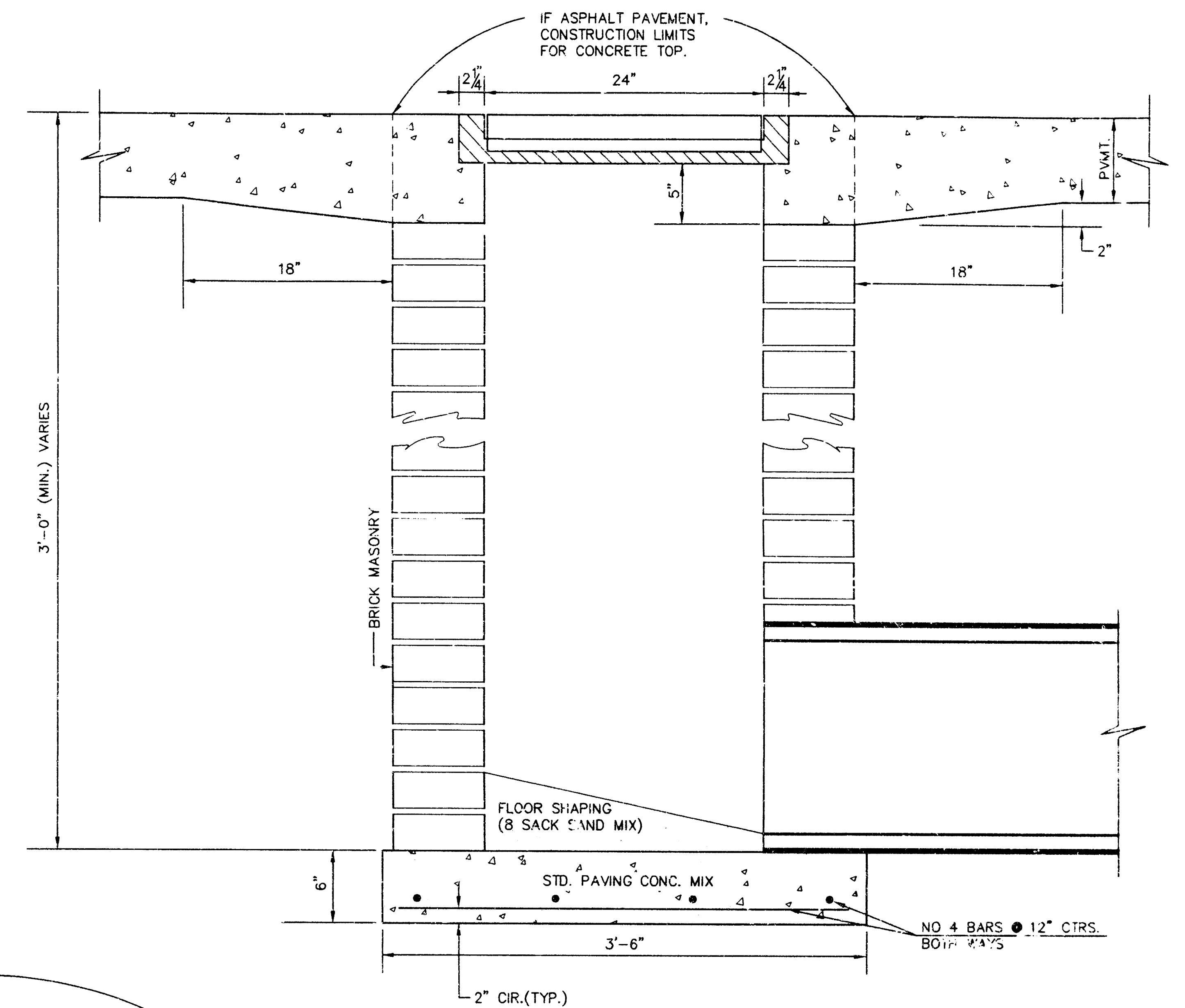
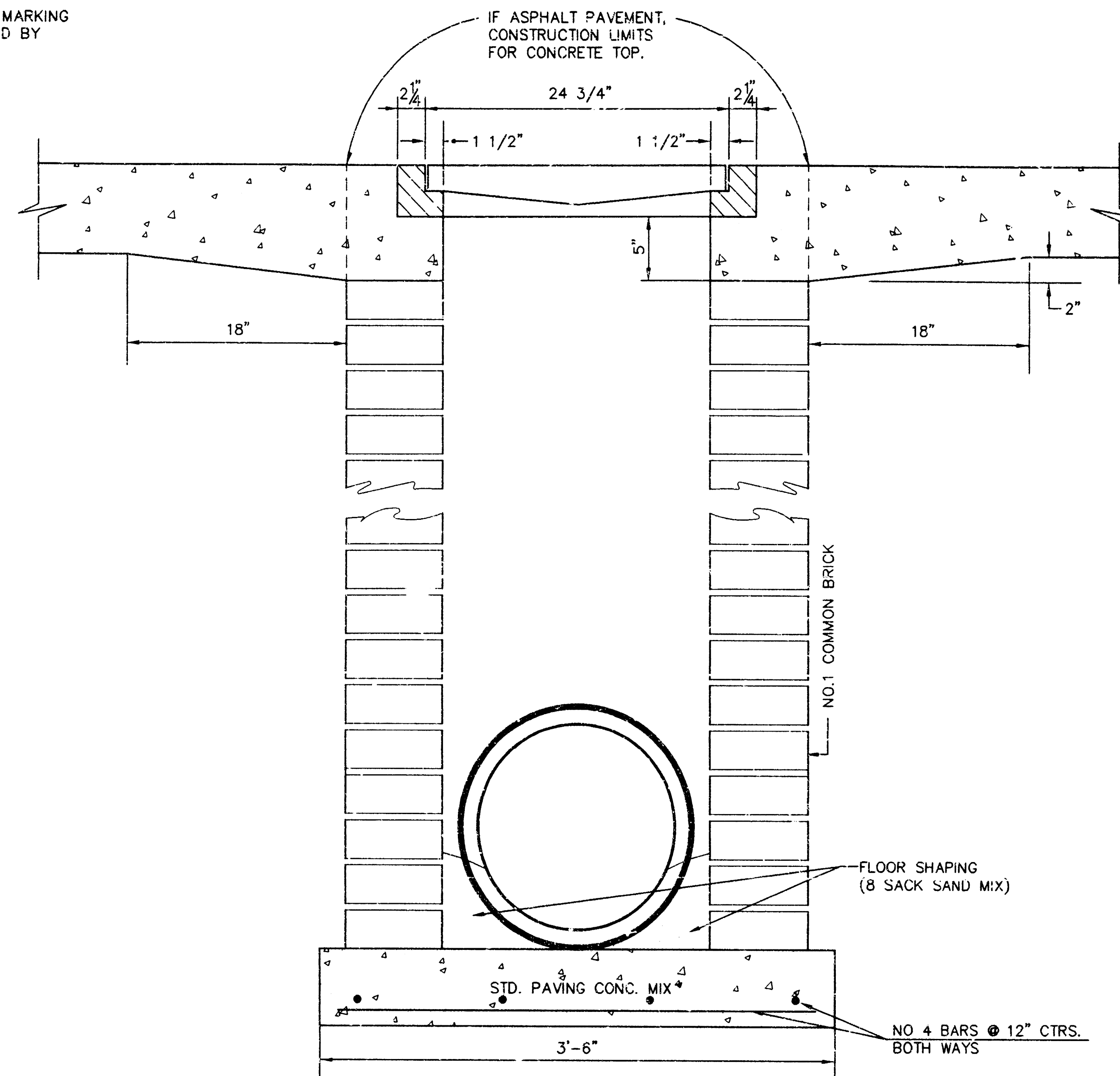


GRATE

24"x24" FRAME & GRATE DETAIL



DOUBLE 24"x24" FRAME DETAIL



| ORIFICE EQUATION               |                |                |
|--------------------------------|----------------|----------------|
| $Q = CA \sqrt{2gh}$ $C = 0.60$ |                |                |
| h (DEPTH)                      | #2433 (SINGLE) | #2434 (DOUBLE) |
| 0.1                            | 1.95 cfs       | 3.89 cfs       |
| 0.2                            | 2.75 cfs       | 5.50 cfs       |
| 0.3                            | 3.37 cfs       | 6.74 cfs       |
| 0.4                            | 3.89 cfs       | 7.78 cfs       |
| 0.5                            | 4.35 cfs       | 8.70 cfs       |
| 0.6                            | 4.77 cfs       | 9.53 cfs       |
| 0.7                            | 5.15 cfs       | 10.30 cfs      |
| 0.8                            | 5.50 cfs       | 11.01 cfs      |
| 0.9                            | 5.84 cfs       | 11.67 cfs      |
| 1.0                            | 6.15 cfs       | 12.30 cfs      |

REVISED: 5-8-90 JNJ AS BUILT: 3-12-97

## DROP INLET DETAILS

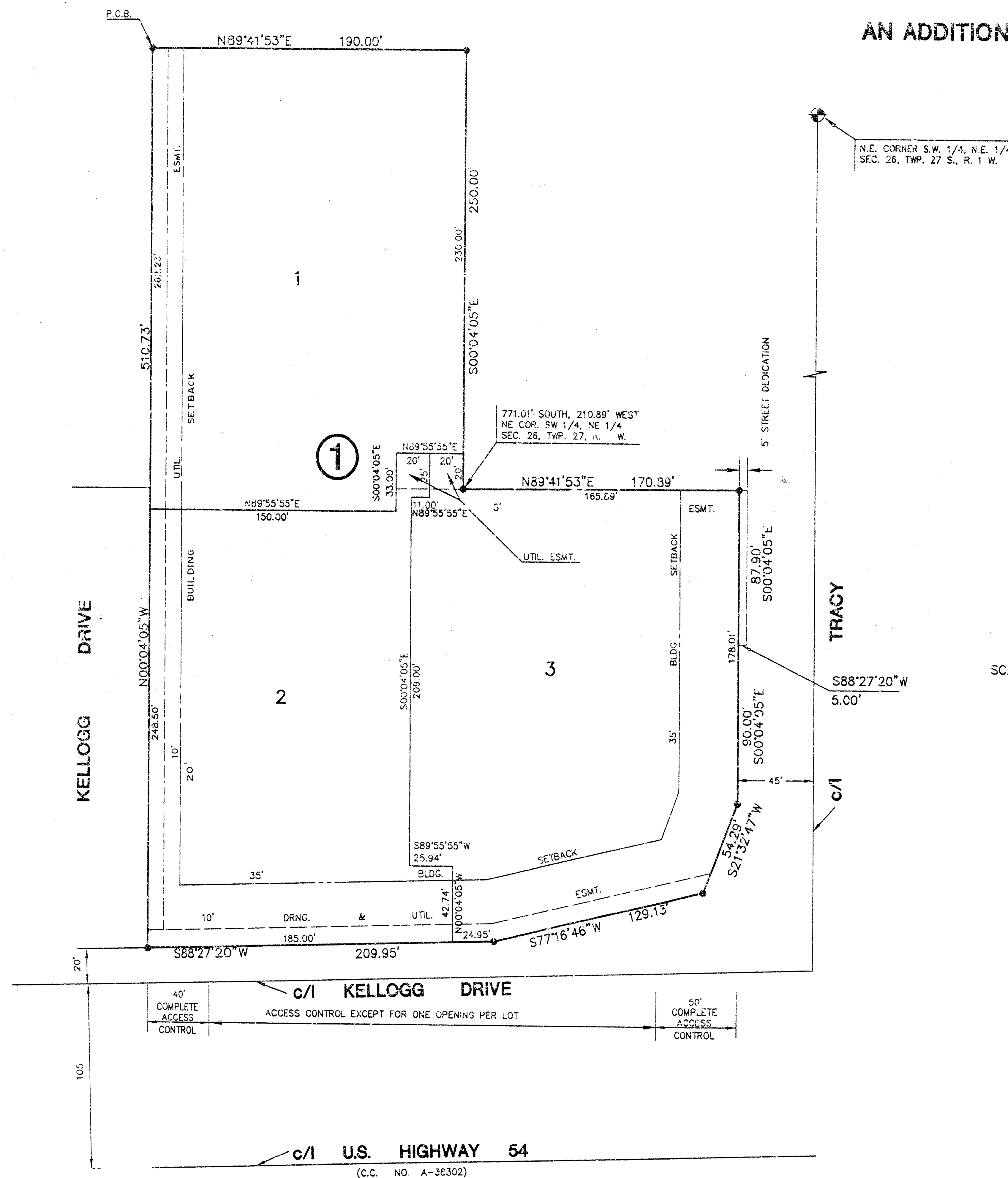
PROJECT NO. 87 N 0029-01 SEDGWICK CO.

CITY OF WICHITA, KANSAS

|               |            |            |         |   |
|---------------|------------|------------|---------|---|
| Design C.O.W. | Checked by | Checked by | 5       | 6 |
| Drawn by      | Date       | Date       | Job No. |   |

# FINAL PLAT OF KELLOGG WEST SQUARE ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



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 platting of "KELLOGG WEST SQUARE ADDITION", an addition to Wichita, Sedgwick County, Kansas, into lots, a block and street the same being accurately set forth in the accompanying plat and described herein:

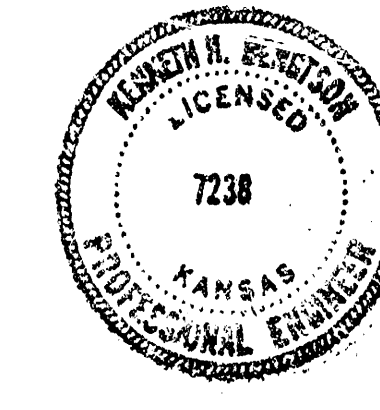
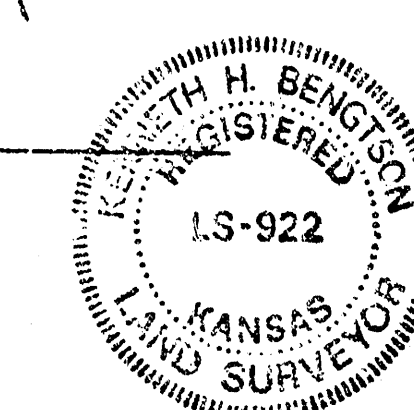
Lots 1 and 2, R.E. BOXBERGER'S FINAL EDITION, Lot 3, WESTWIND ADDITION, and a part of L & S ADDITION, all additions to Wichita, Sedgwick County, Kansas, more particularly described as follows:

Beginning at the Northwest corner of Lot 1 of said R.E. BOXBERGER'S FINAL EDITION; thence N 89° 41' 53" E, 190.00 feet along the North line of said Lot 1 to the Northeast corner of said Lot 1; thence S 00° 04' 05" E, 250.00 feet along the East line to the Southeast corner of said Lot 1, said point being on the North line of said Lot 3, WESTWIND ADDITION; thence N 89° 41' 53" E, 170.89 feet; thence S 00° 04' 05" E, 87.90 feet, along the East line to the Southeast corner of said addition; thence S 88° 27' 20" W, 5.00 feet; thence S 00° 04' 05" E, 90.00 feet along the East line of said Lot 2, R.E. BOXBERGER'S FINAL EDITION; thence continuing along said East line of Lot 2, S 21° 32' 47" W, 54.29 feet to the Southeast corner of said Lot 2; thence S 77° 16' 46" W, 129.13 feet along the South line of said Lot 2; thence continuing along said South line of Lot 2, S 88° 27' 20" W, 209.95 feet to the Southwest corner of said Lot 2; thence N 00° 04' 05" W, 510.73 feet along the West lines of said Lots 1 and 2, R.E. BOXBERGER'S FINAL EDITION.

The easements, building setbacks, lots and blocks within the described property is hereby vacated and repatted 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 12th day of May, 1994.

*Kenneth H. Bengtson*  
Kenneth H. Bengtson, P.E., R.L.S. #922  
Mid-Kansas Engineering Consultants, Inc.  
3500 N. Rock Road, Building #800  
Wichita, KS 67226



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, a block, and street the same to be known as "KELLOGG WEST SQUARE ADDITION", an addition to Wichita, Sedgwick County, Kansas. The street is dedicated to and for the use of the public. Easements for the construction and maintenance of public utilities and drainage, are hereby granted to the city. All abutters right of access to or from KELLOGG Drive over and across the South line of KELLOGG WEST SQUARE ADDITION, are hereby granted to the City of Wichita, provided however that Lots 2 and 3 shall have two openings as indicated on the face of the plat.

INNOVATIVE DEVELOPERS, INC.

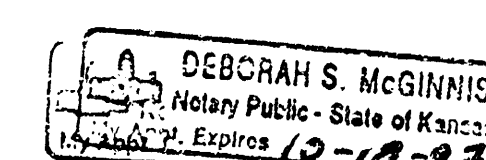
*Glen W. Hahn*  
Glen W. Hahn, Executive Vice President

STATE OF KANSAS }  
SEDGWICK COUNTY }

BE IT REMEMBERED, that on this 12th day of May, 1994, before me the undersigned, a Notary Public in and for the County and State aforesaid, came Glen W. Hahn, Executive Vice President for INNOVATIVE DEVELOPERS, INC., 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, this day and year last above written.

*Deborah S. McGinnis*  
Notary Public Deborah S. McGinnis



My appointment expires: 12-18-97

This plat of "KELLOGG WEST SQUARE ADDITION", has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas. Dated this 19th day of May, 1994.

WICHITA-SEDGWICK COUNTY METROPOLITAN PLANNING COMMISSION

*James D. Miner*  
James D. Miner, Chairman

*Marvin S. Kruet*  
Marvin S. Kruet, Secretary

This plat approved and all dedications shown thereon, if any, accepted by the City Council of the City of Wichita, Kansas, this 14th day of June, 1994.

*Elma Broadfoot*  
Elma Broadfoot, Mayor

*Pat Burnett*  
Pat Burnett, City Clerk

Entered on transfer record this 24th day of June, 1994.

*Susan E. Crockett-Spoon*  
Susan E. Crockett-Spoon, 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 17th day of June, 1994.

*Pat Kettler*  
Pat Kettler, Register of Deeds

*Ed Resa*  
Ed Resa, Deputy

*Rhonda Hernandez*  
Rhonda Hernandez



# 1392691

20.00 ch