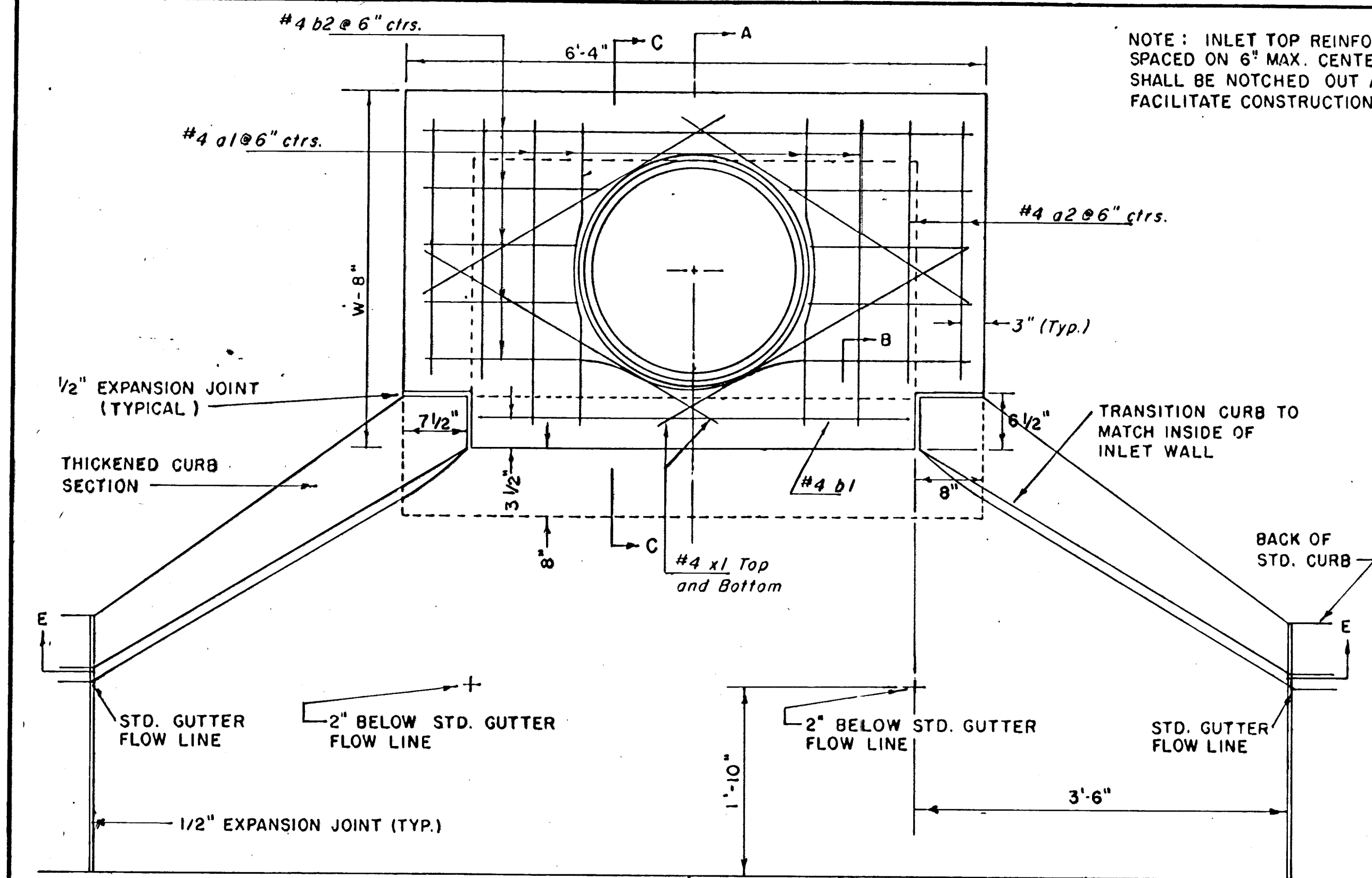


| FHWA REGION NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-----------------|-------|-------------|-------------|-----------|--------------|
| 7               | KS    | 87-N-00330  | 1995        | 12        | 34           |

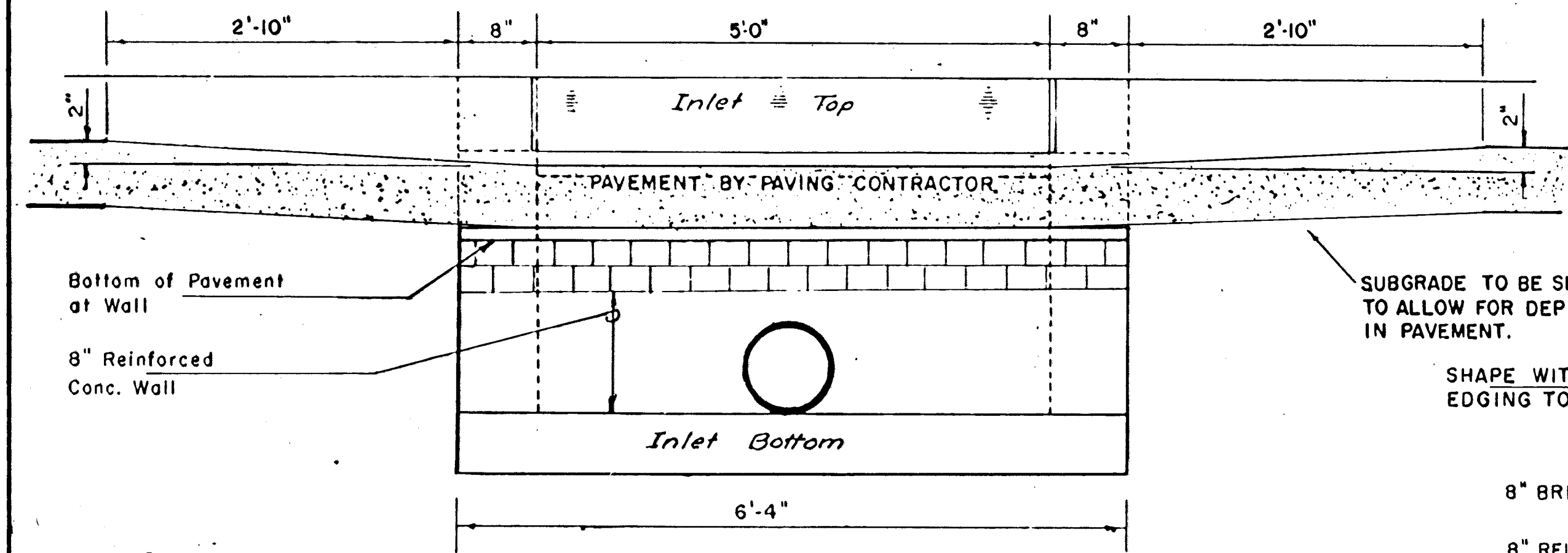


NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

PLAN

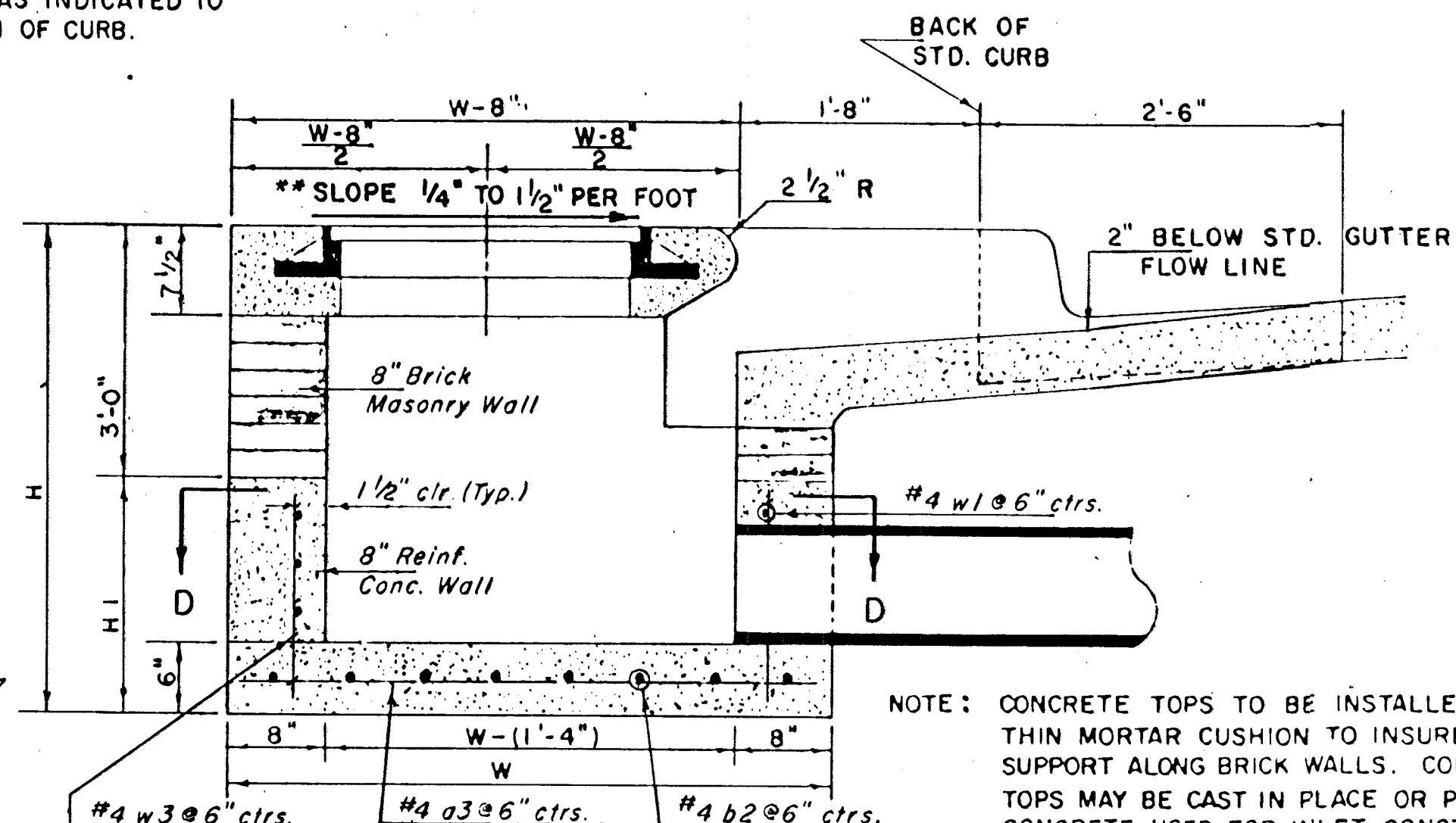
| PRECAST SLAB AND FLOOR REINFORCING |      |         |        |         |        |         |        |         |        |         |        |
|------------------------------------|------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
|                                    |      | 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"  |
| 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                   |      |         |        |         |        |         |        |         |        |         |        |
|                                    |      | 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") Round down to nearest 0.5'  
 ② HI-3"



SECTION E - E

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.

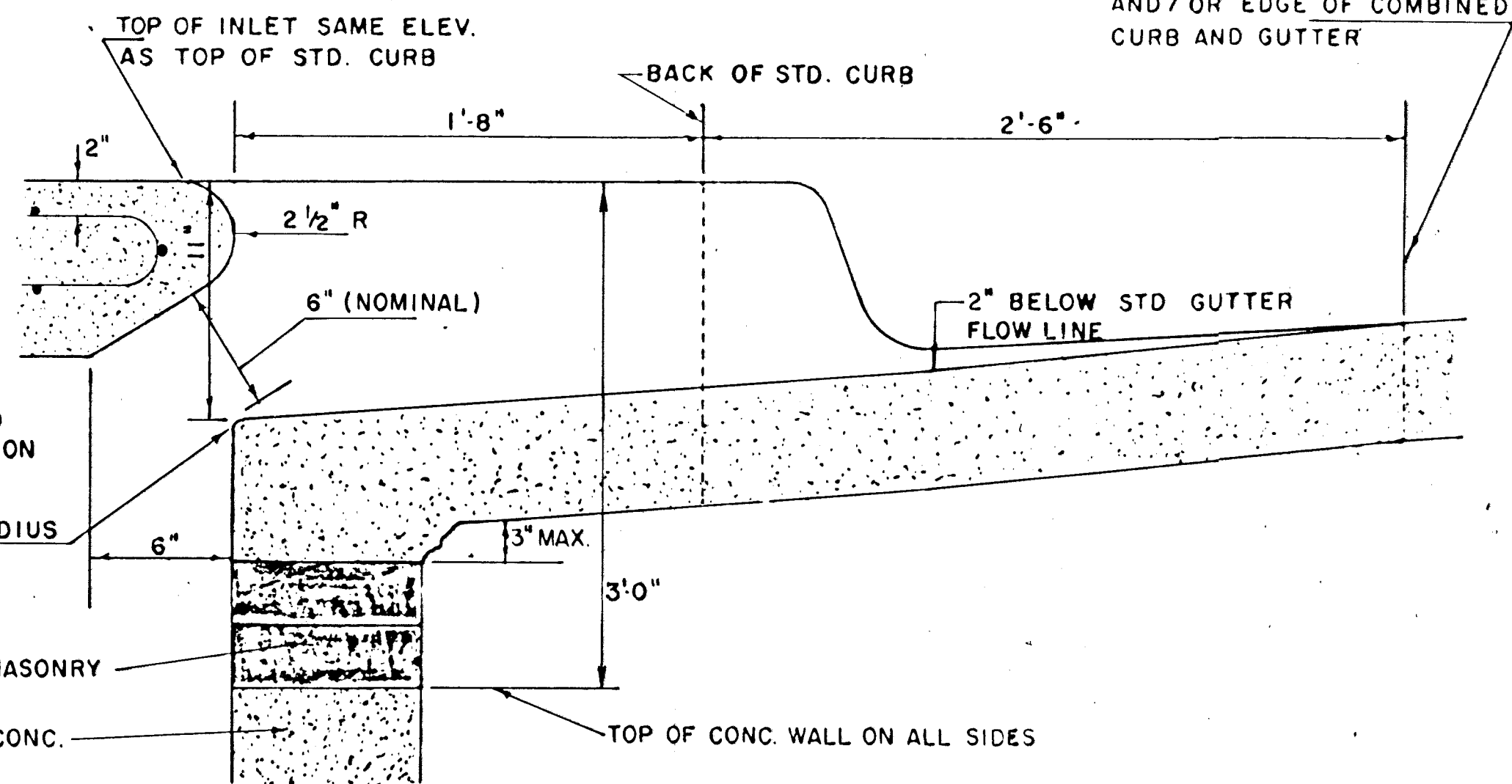
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

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.

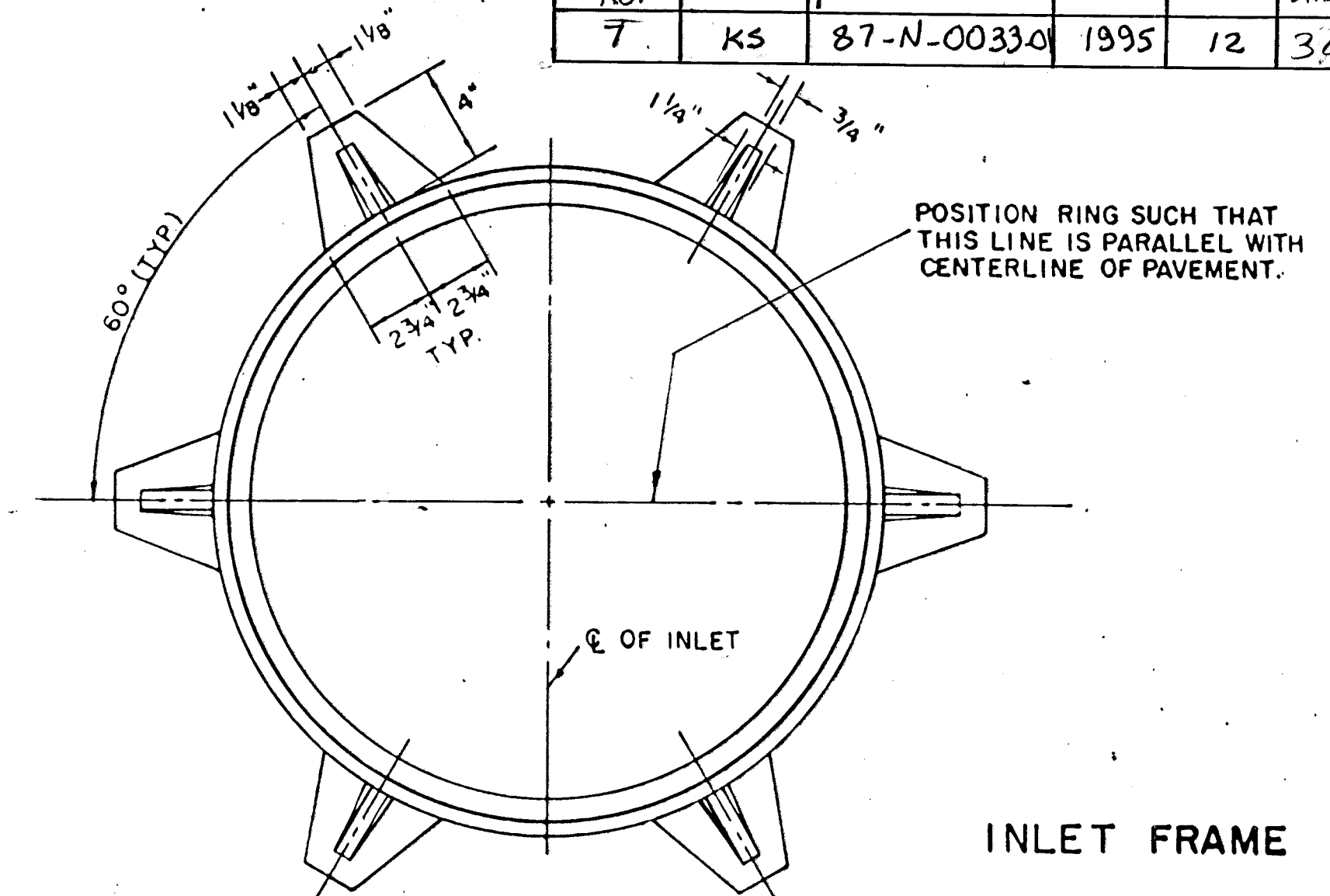
THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

\*\*NOTE: Slope of Inlet Tops to match Sidewalk or Parking Slopes within Limits indicated.

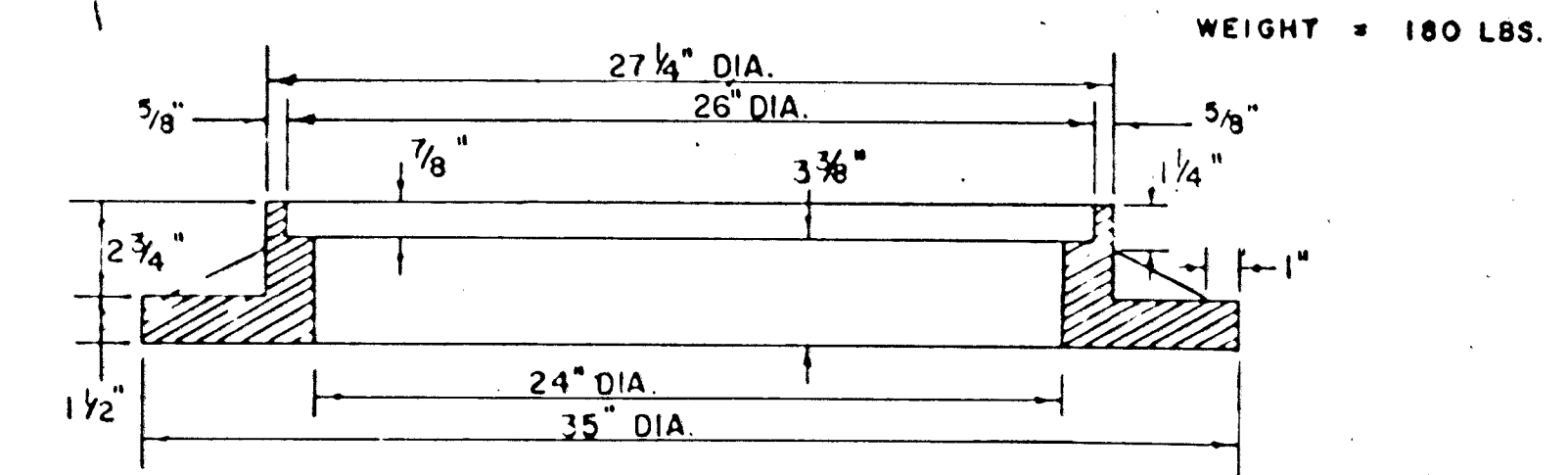
| W     | PRE-CAST TOP SIZE    | PIPE SIZE     | CU. YD. CONC. |
|-------|----------------------|---------------|---------------|
| 4' 4" | 3'8" x 6'4" x 7 1/2" | 21" & SMALLER | 0.38 ±        |
| 5' 4" | 4'8" x 6'4" x 7 1/2" | 24" & 30"     | 0.51 ±        |
| 6' 4" | 5'8" x 6'4" x 7 1/2" | 36" & 42"     | 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 ±        |



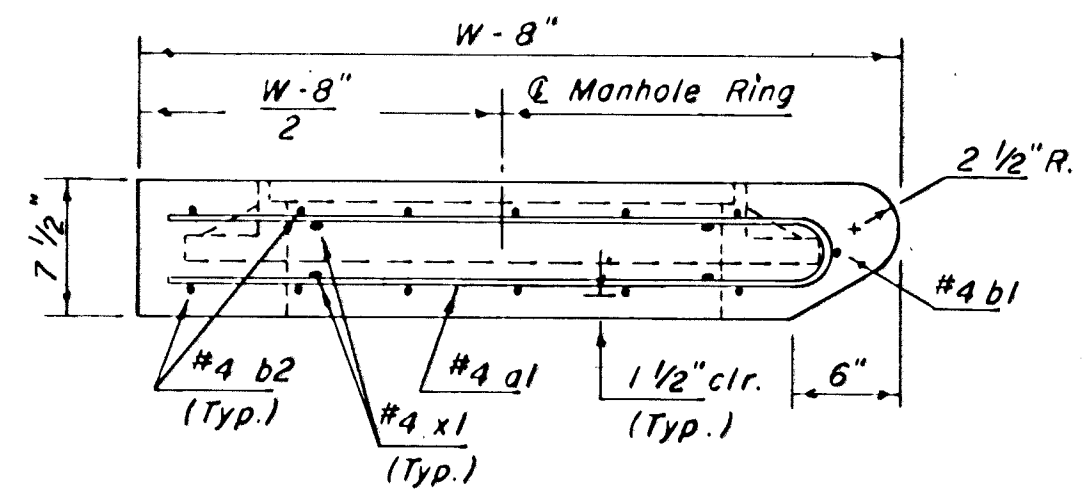
SECTION B - B



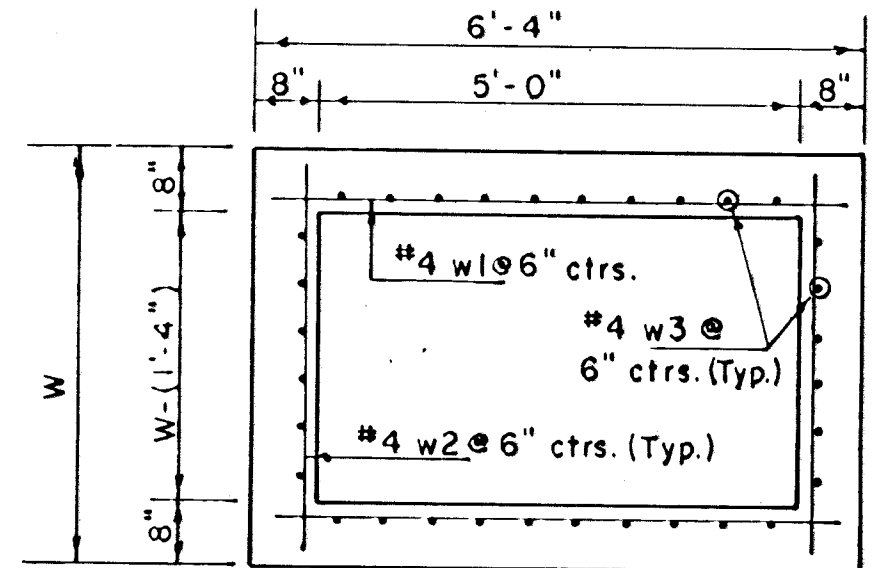
INLET FRAME



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



SECTION C - C



SECTION D - D

REVISED 11-30-1988

REVISED 12-21-1984

Revised 2-16-1989

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

JUNE 1984