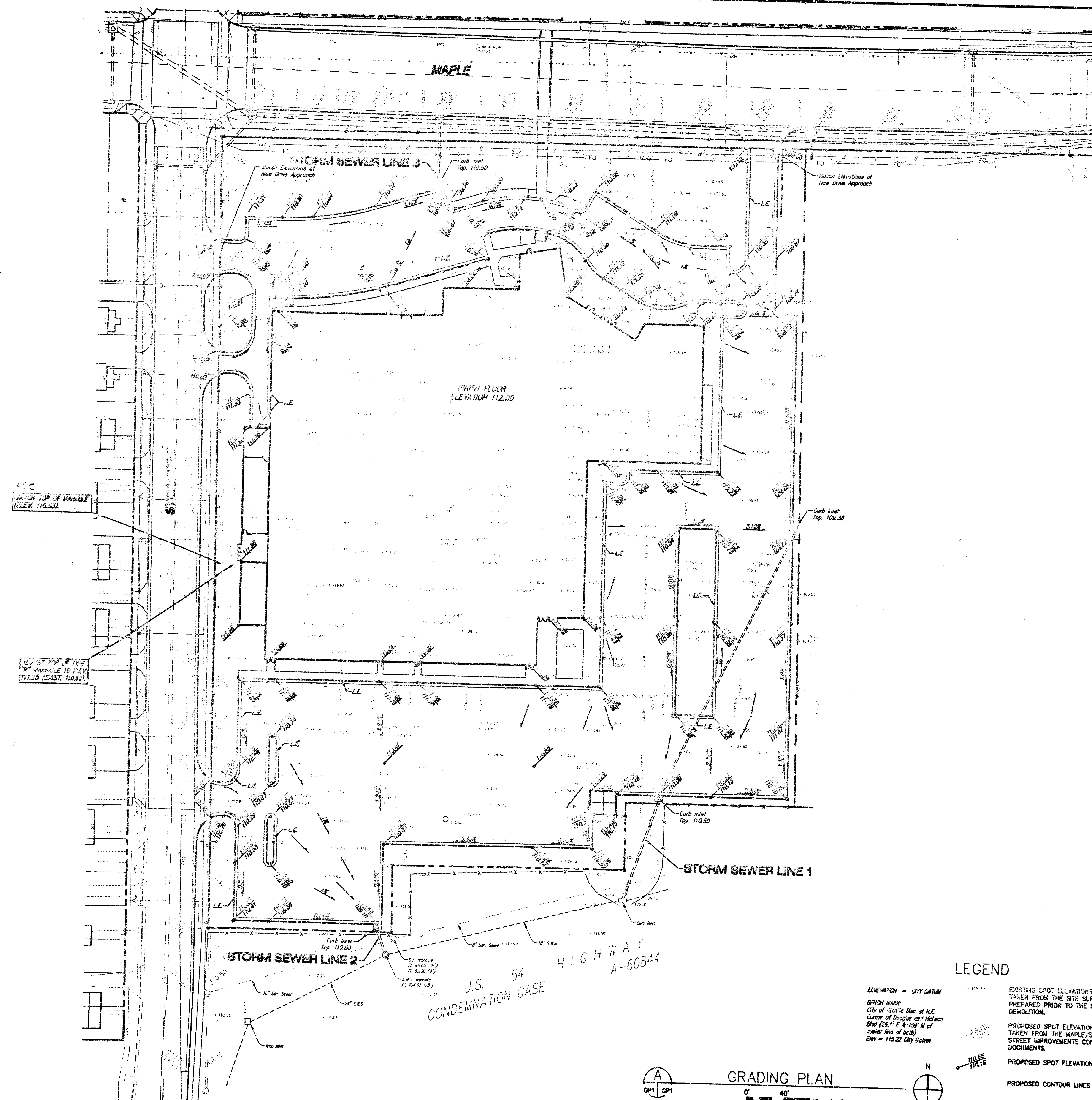




- GENERAL NOTES**
1. ALL WORK ON THIS PROJECT SHALL CONFORM TO STANDARD SPECIFICATIONS FOR STORM SEWER CONSTRUCTION OF THE CITY OF WICHITA.
  2. ALL UNPAVED AREAS WITHIN PUBLIC RIGHT-OF-WAY WHICH MAY BE DISTURBED BY CONTRACTOR'S OPERATIONS SHALL BE RESTORED IN ACCORDANCE WITH CITY OF WICHITA ADMINISTRATIVE REGULATION AR-78.
  3. THE CONTRACTOR SHALL NOTIFY KANSAS ONE-CALL (687-2470) A MINIMUM OF 24 HOURS PRIOR TO ANY EXCAVATION.
  4. TRAFFIC WILL NOT BE AFFECTED BY CONSTRUCTION OF THIS PROJECT.
  5. 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.
  6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KANSAS DEPARTMENT OF TRANSPORTATION PERMIT FOR WORK WITHIN U.S. 54 HIGHWAY R/W.

**INDEX OF SHEETS**

- |    |                             |          |
|----|-----------------------------|----------|
| 1. | SITE GRADING PLAN           | (GP 1.2) |
| 2. | STORM SEWER PLAN/PROFILE    | (GP 1.3) |
| 3. | TYPE 1 INLET DETAILS        | (GP 1.4) |
| 4. | STANDARD DROP INLET DETAILS | (GP 1.5) |

APPROVED AS NOTED  
BY CITY ENGINEER OF WICHITA

Sanitary Sewers \_\_\_\_\_  
Storm Sewers VRH 11/6/95  
Driveway Approaches \_\_\_\_\_  
Water Mains \_\_\_\_\_  
Paving \_\_\_\_\_

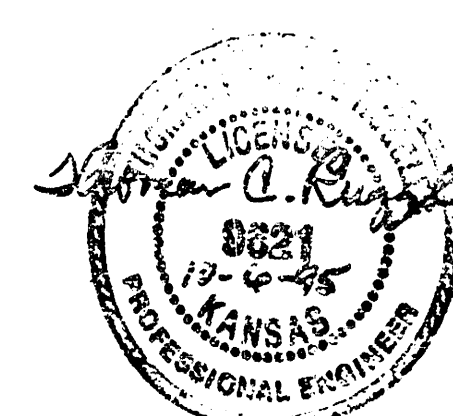
**NOTE TO CONTRACTORS**

Inspection and testing for this project are 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 public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.

**LEGEND**

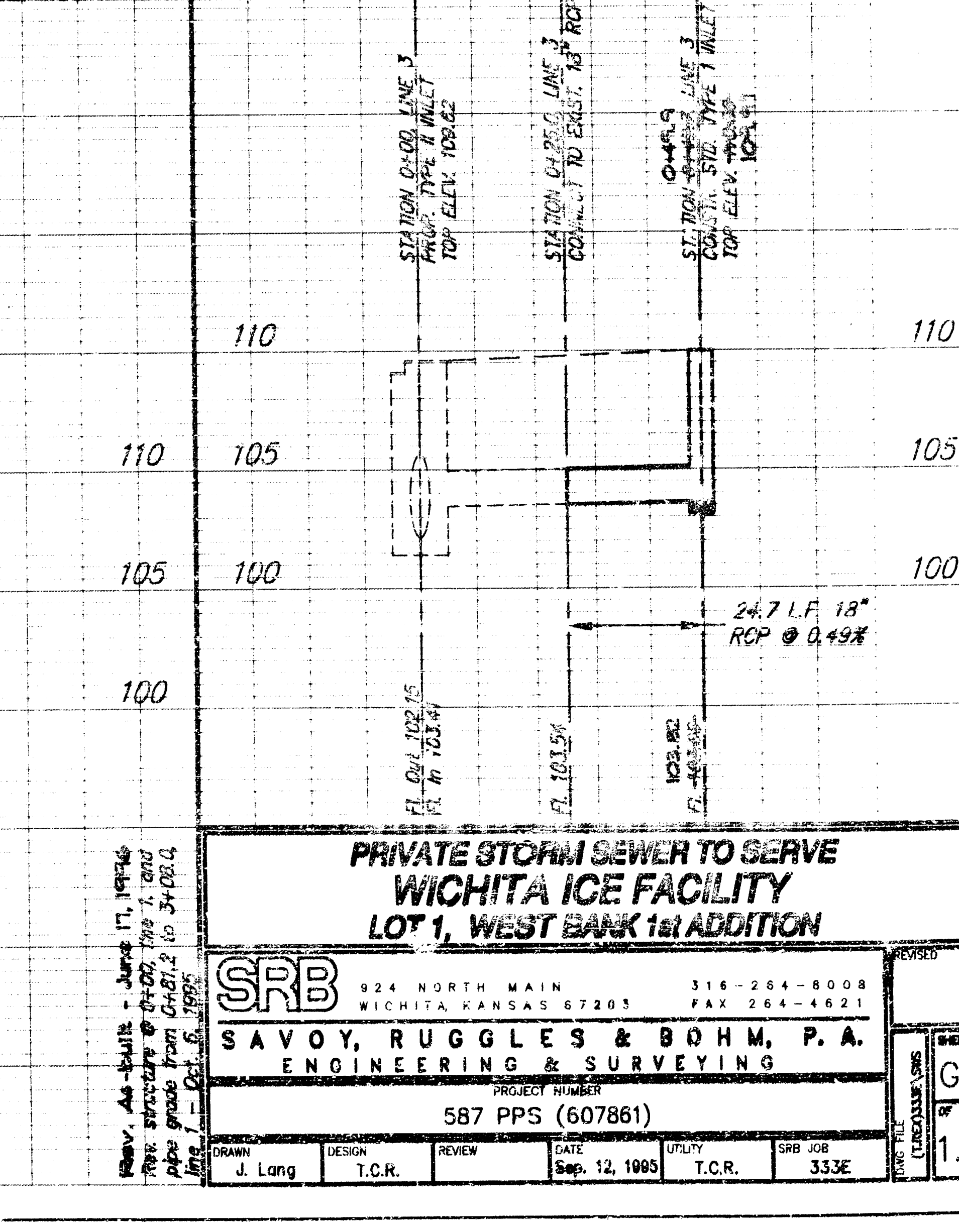
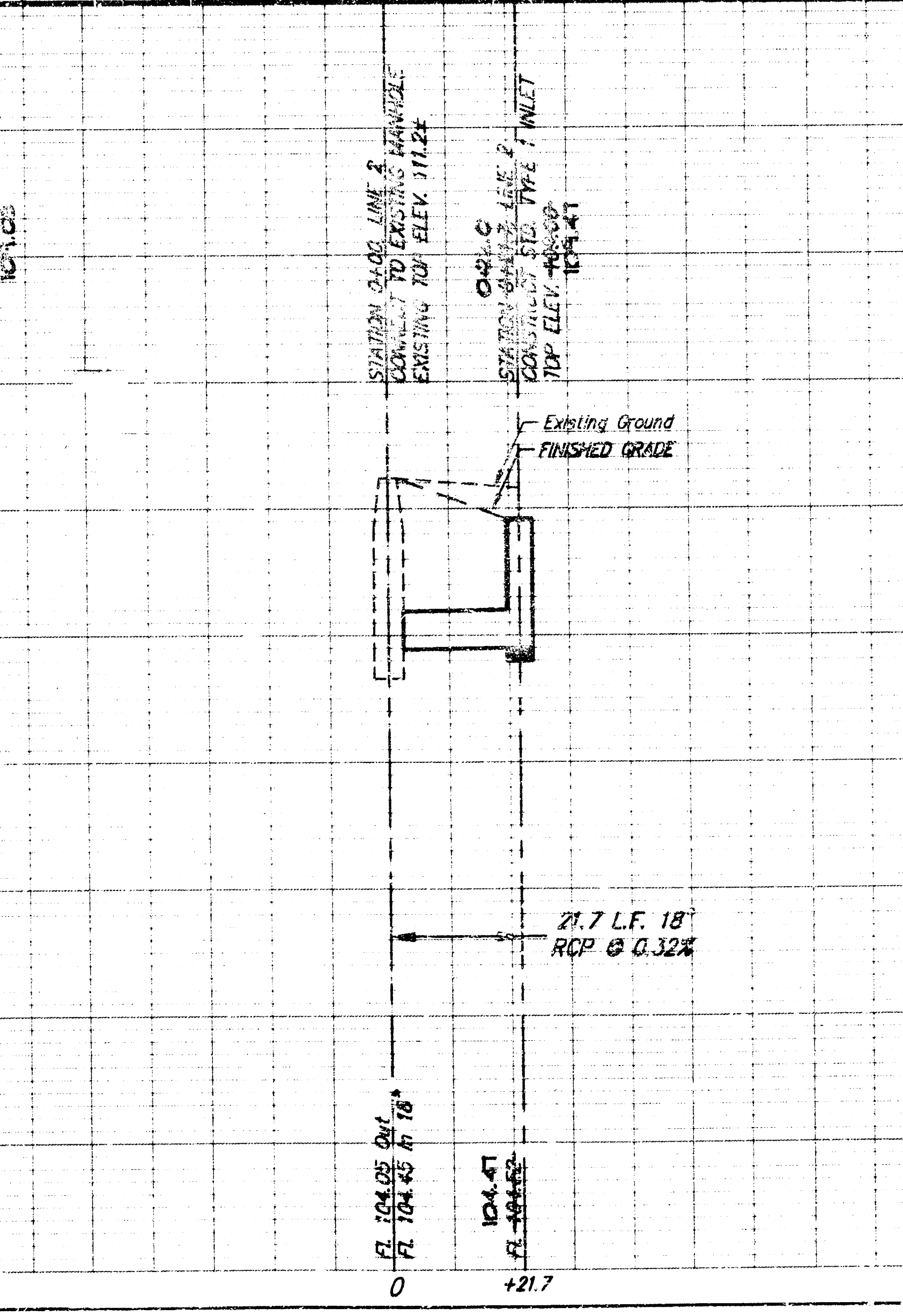
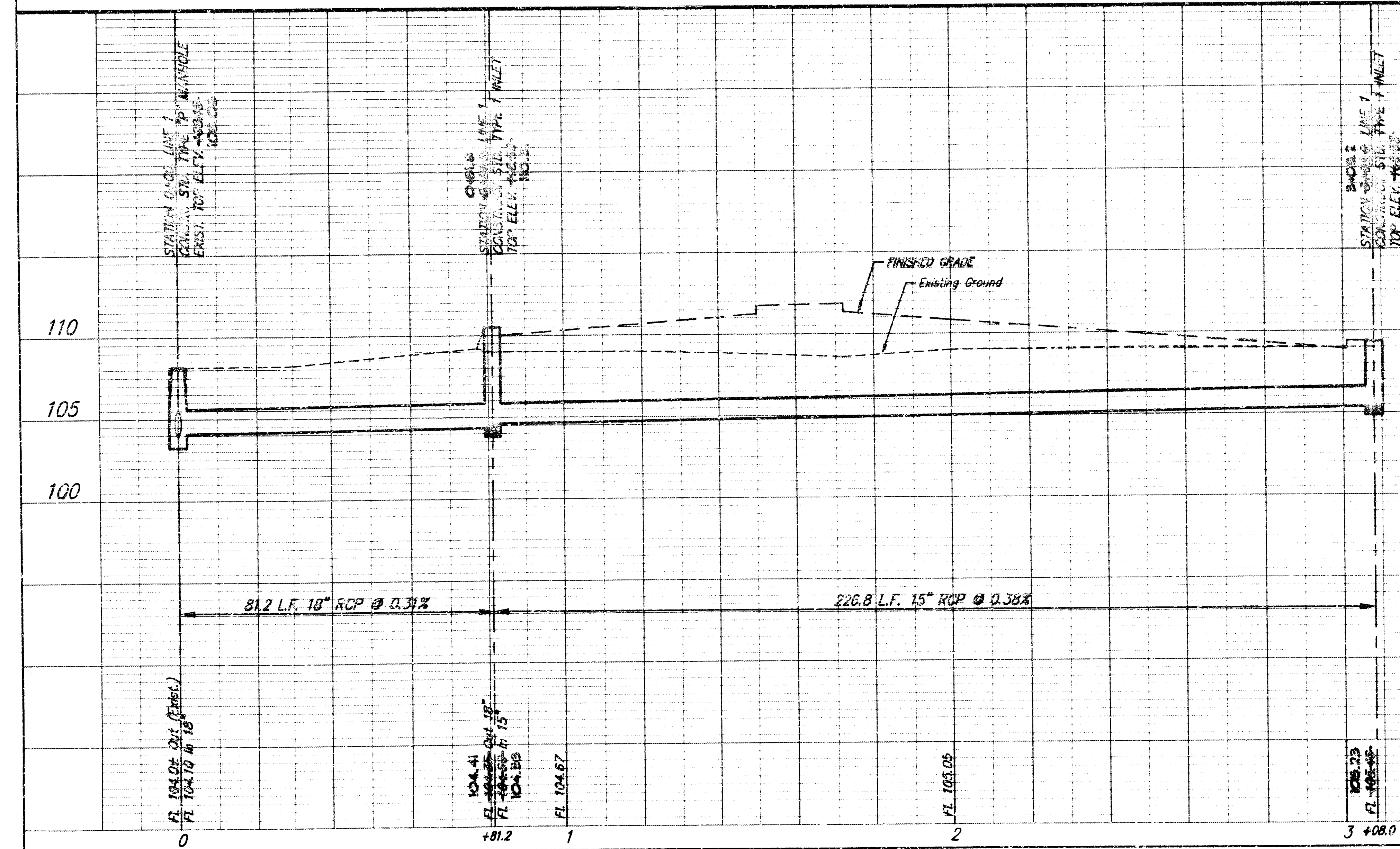
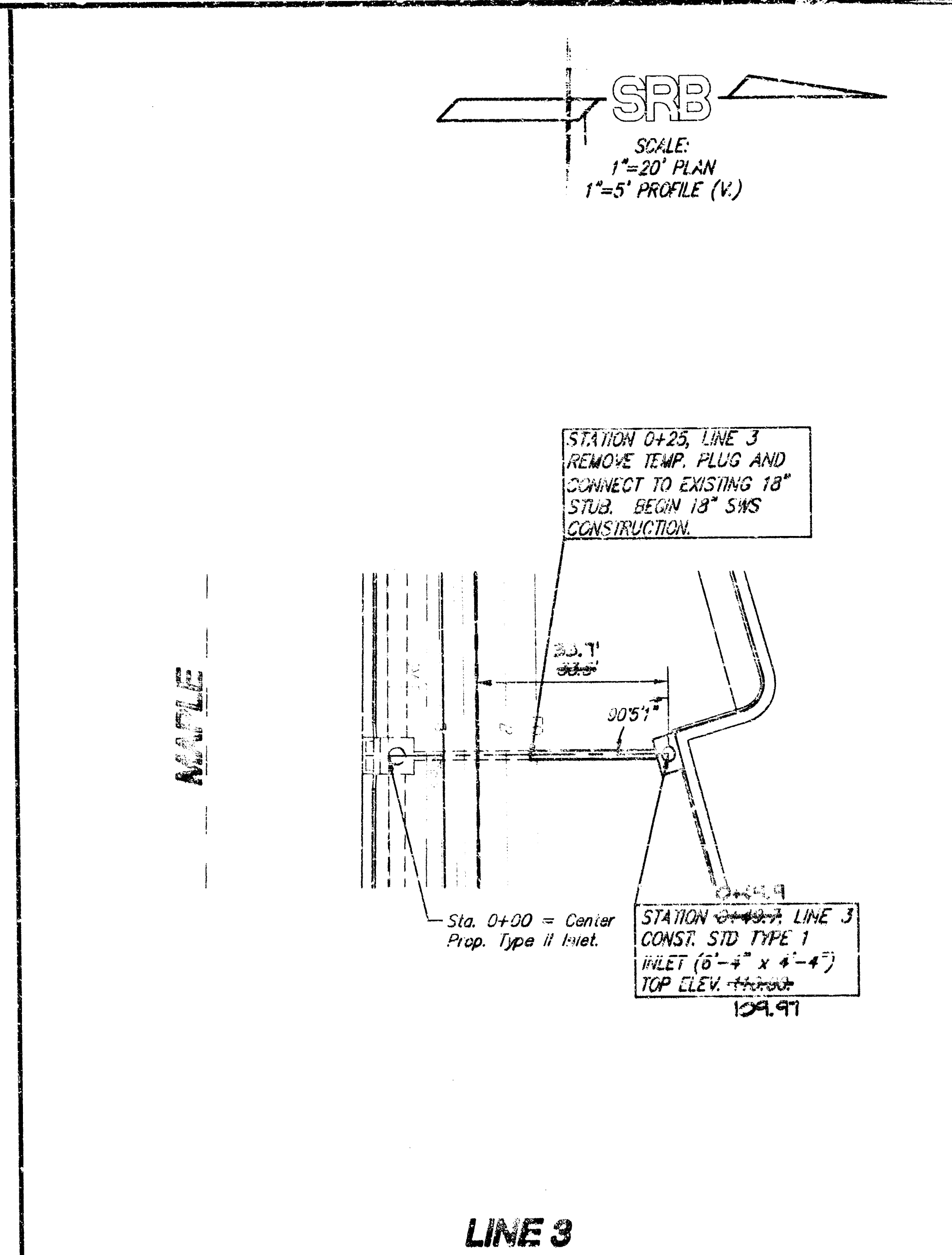
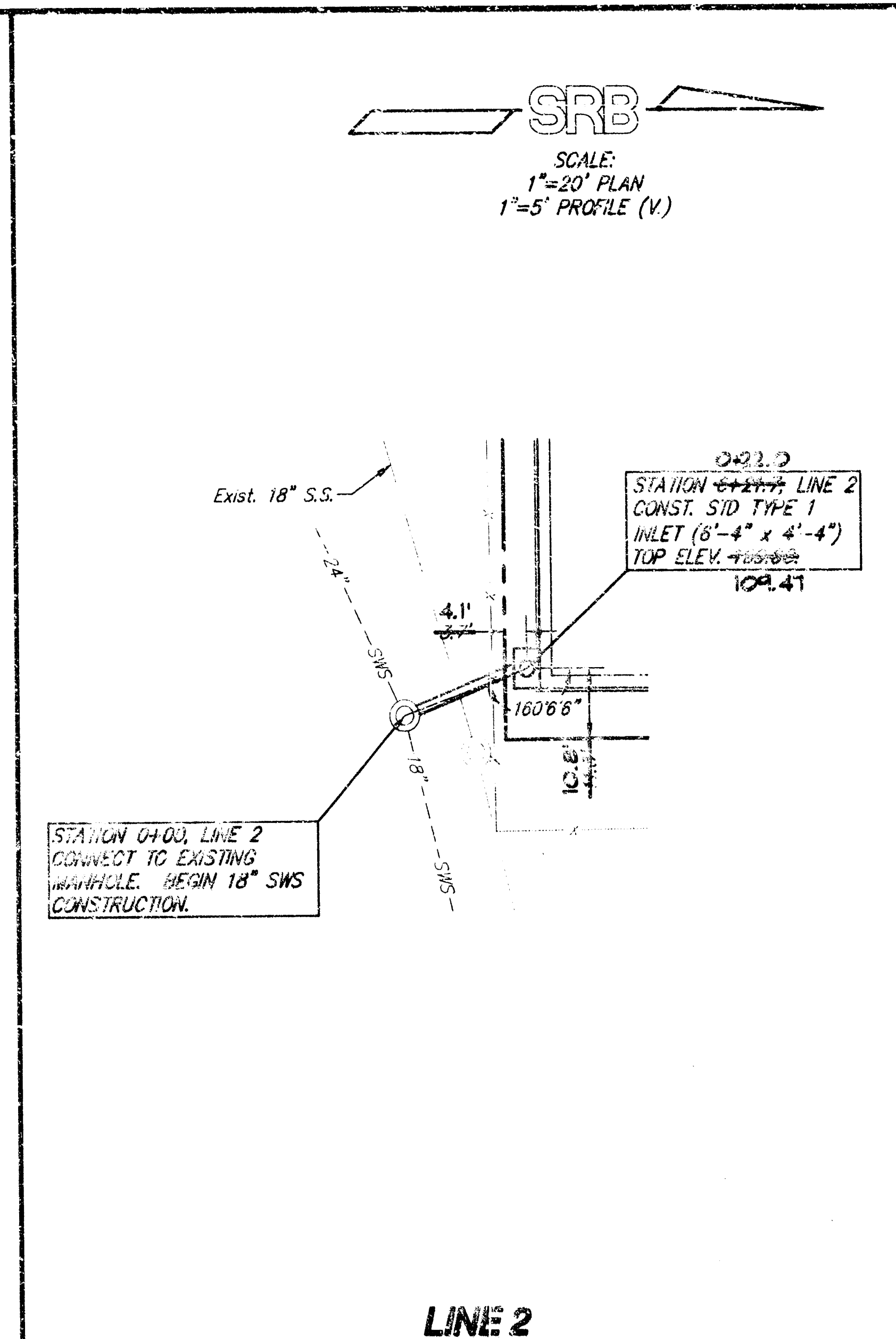
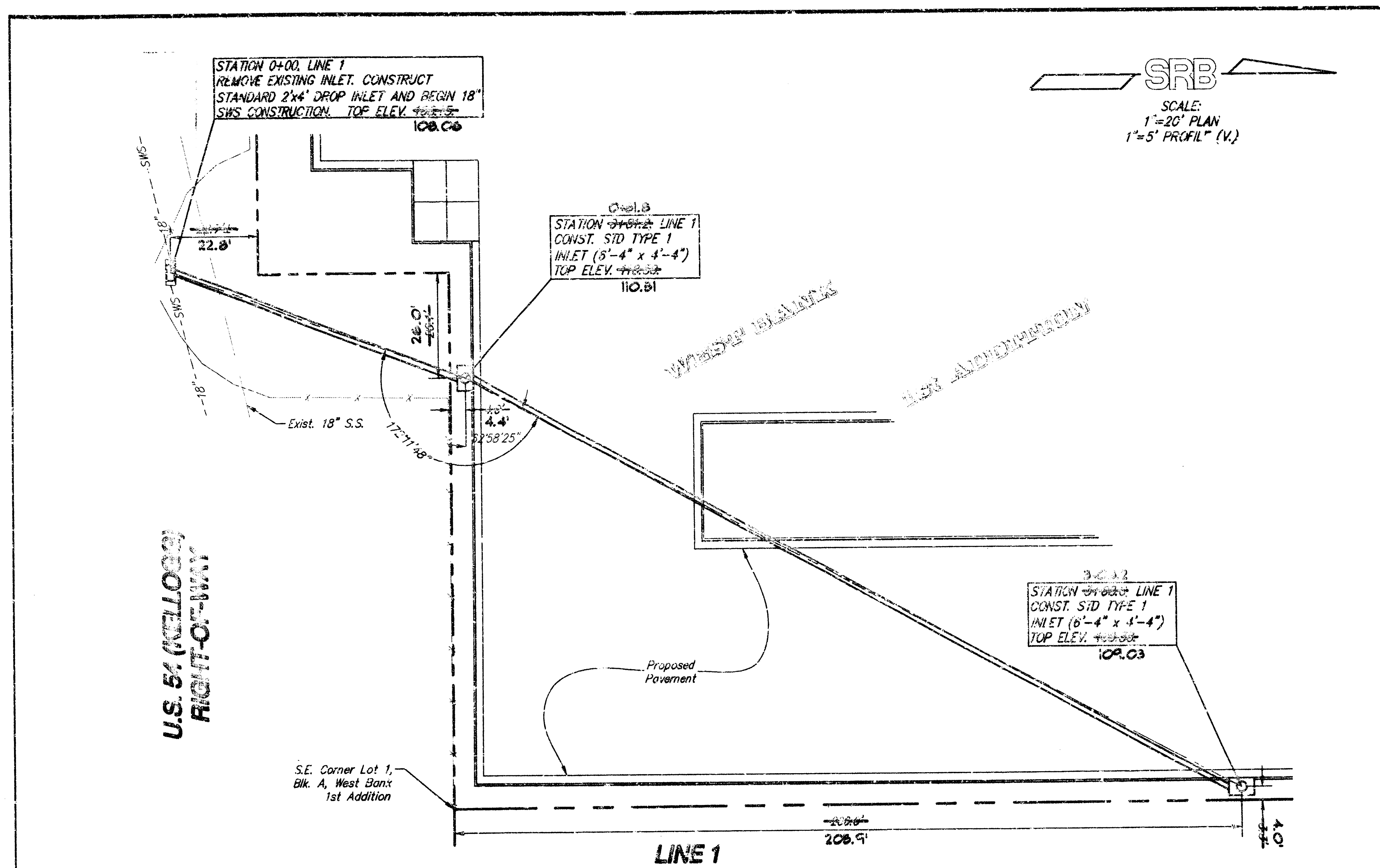
- ELEVATION = CITY DATUM  
EXISTING SPOT ELEVATIONS TAKEN FROM THE SITE SURVEY PREPARED PRIOR TO THE SITE DEMOLITION.  
PROPOSED SPOT ELEVATIONS TAKEN FROM THE MAPLE/SYCAMORE STREET IMPROVEMENTS CONSTRUCTION DOCUMENTS.  
PROPOSED SPOT ELEVATIONS  
PROPOSED CONTOUR LINES  
L.E. DESIGNATES LOW-EDGE CURB

**GRADING PLAN**  
0' 40' 1"=40'-0"



Rev. general notes - Oct. 6, 1993 RBY, As BUILT 6-17-96

|                                              |                                                                             |
|----------------------------------------------|-----------------------------------------------------------------------------|
| <b>LOT 1, BLK. A, WEST BANK 1st ADDITION</b> |                                                                             |
| <b>SITE PLAN/GENERAL NOTES</b>               |                                                                             |
| <b>WICHITA, KANSAS</b>                       |                                                                             |
| <b>SRB</b>                                   | 924 NORTH MAIN<br>WICHITA, KANSAS 67203<br>316-264-8008<br>FAX 316-264-4621 |
| <b>SAVOY, RUGGLES &amp; BOHM, P.A.</b>       | ENGINEERING & SURVEYING                                                     |
| PROJECT NUMBER<br><b>587 PPS (607661)</b>    |                                                                             |
| DRAWN<br>J. Long                             | DESIGN<br>T.C.R.                                                            |
| REVIEW<br>T.C.R.                             | DATE<br>Sep. 12, 1993                                                       |
| DATE<br>Sep. 12, 1993                        | BY<br>T.C.R.                                                                |
| CHK<br>J.S.                                  | APP<br>J.S.                                                                 |
| SHEET<br>GP<br>1.2                           |                                                                             |



**PRIVATE STORM SEWER TO SERVE  
WICHITA ICE FACILITY  
LOT 1, WEST BANK 1st ADDITION**

**SRB** 924 NORTH MAIN 318-284-8008  
WICHITA, KANSAS 67203 FAX 284-4021

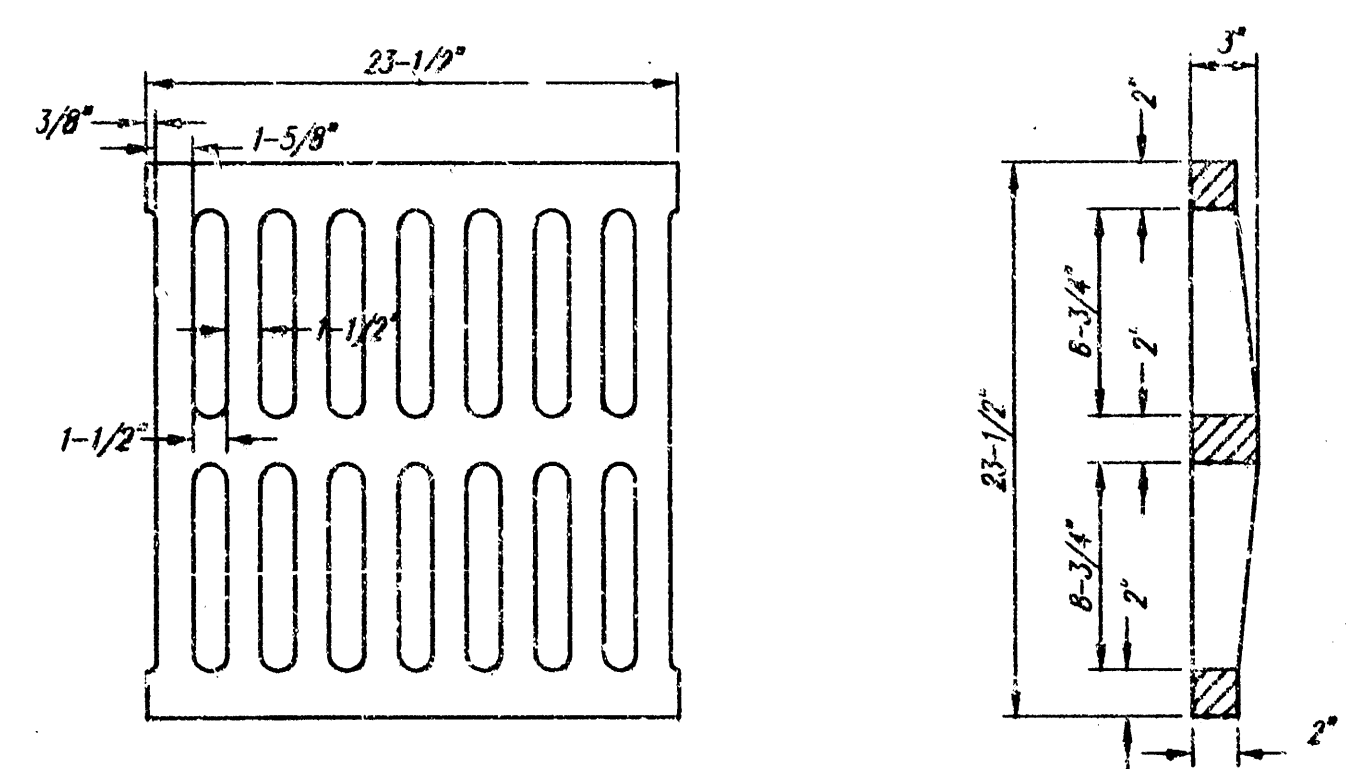
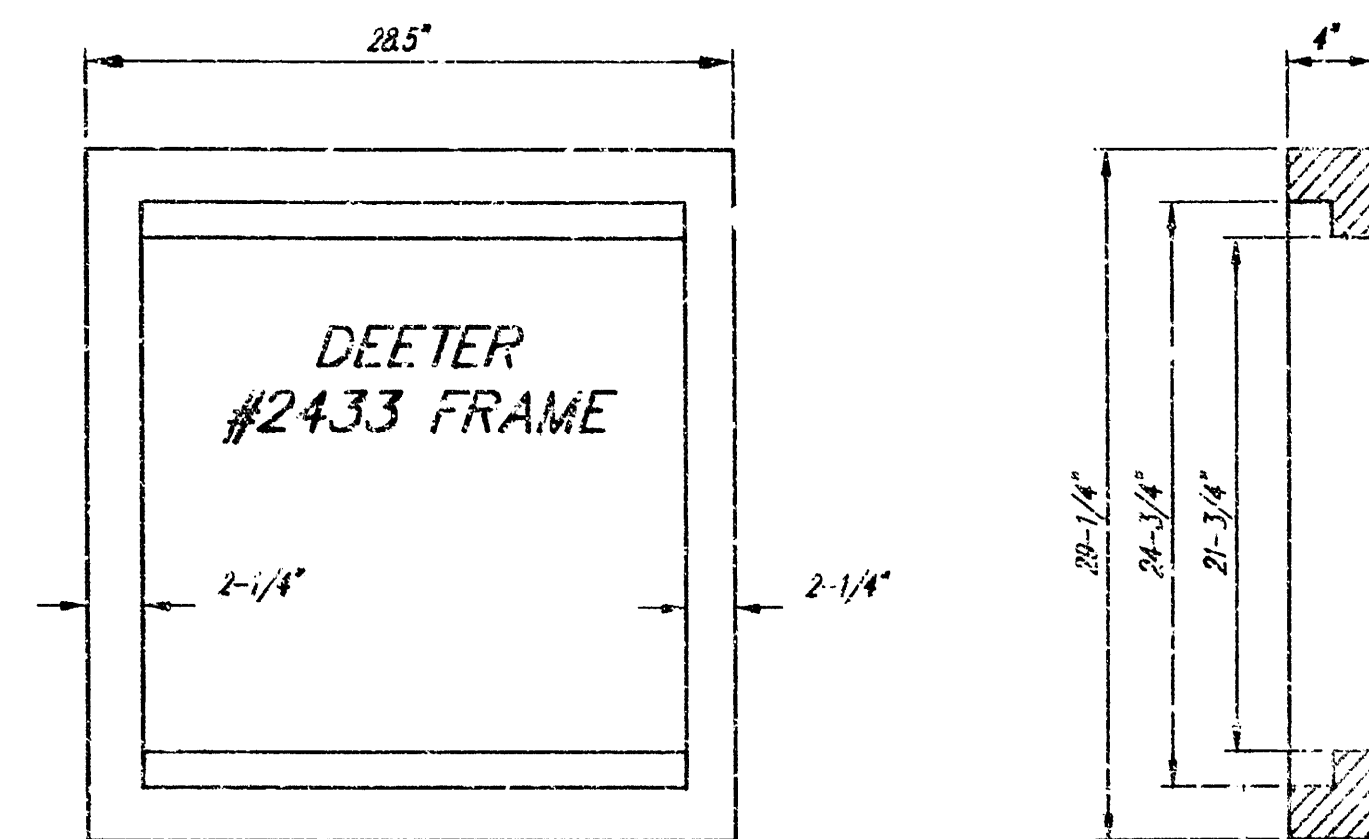
**SAVOY, RUGGLES & BOHM, P. A.**  
ENGINEERING & SURVEYING

PROJECT NUMBER  
587 PPS (607861)

|               |        |         |               |         |         |
|---------------|--------|---------|---------------|---------|---------|
| DATE          | DESIGN | REVIEW  | DATE          | UTILITY | SRB JOB |
| SEP. 12, 1995 | T.C.R. | J. Long | SEP. 12, 1995 | T.C.R.  | 333E    |

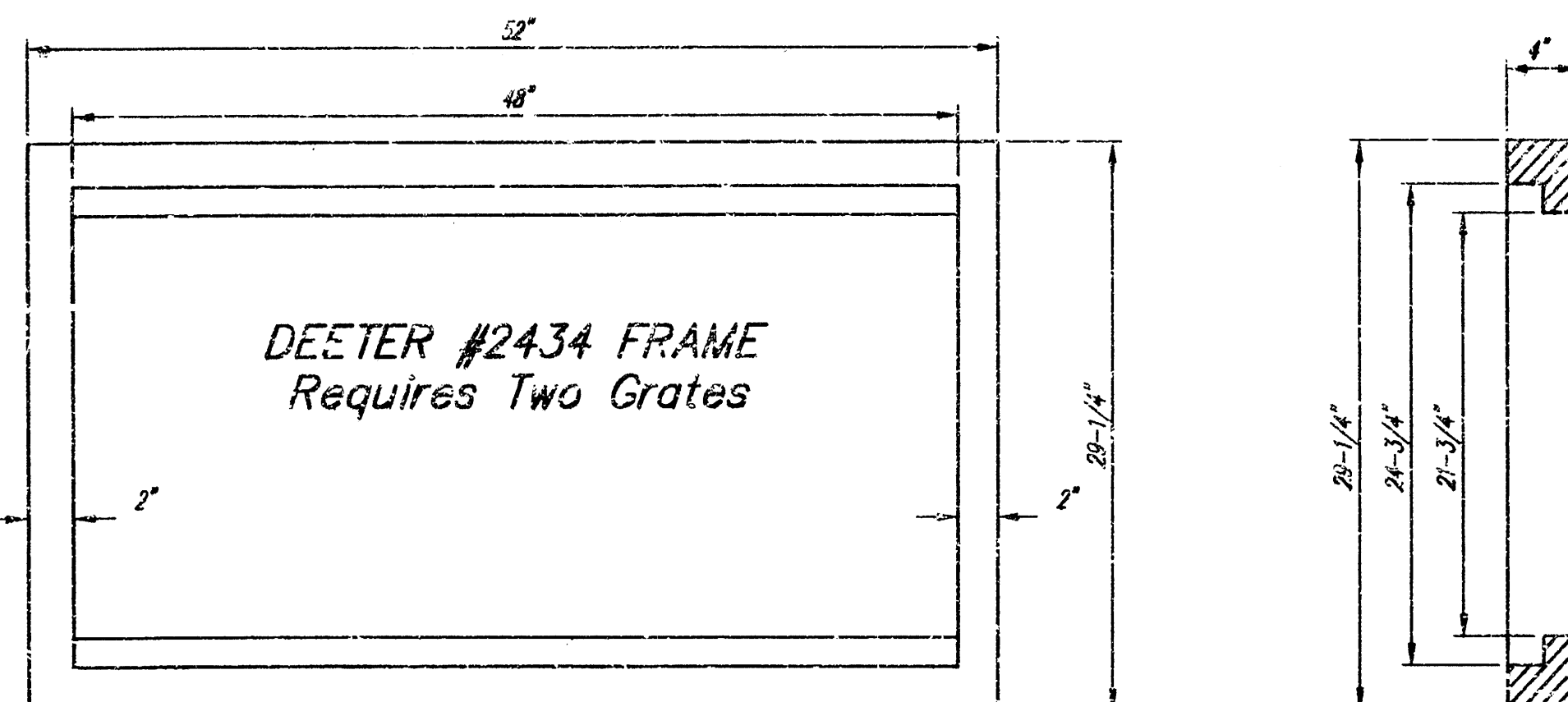
Drawn by: J. Long  
Checked by: J. Long  
Date: SEP. 12, 1995

Sheet  
GP  
1.3

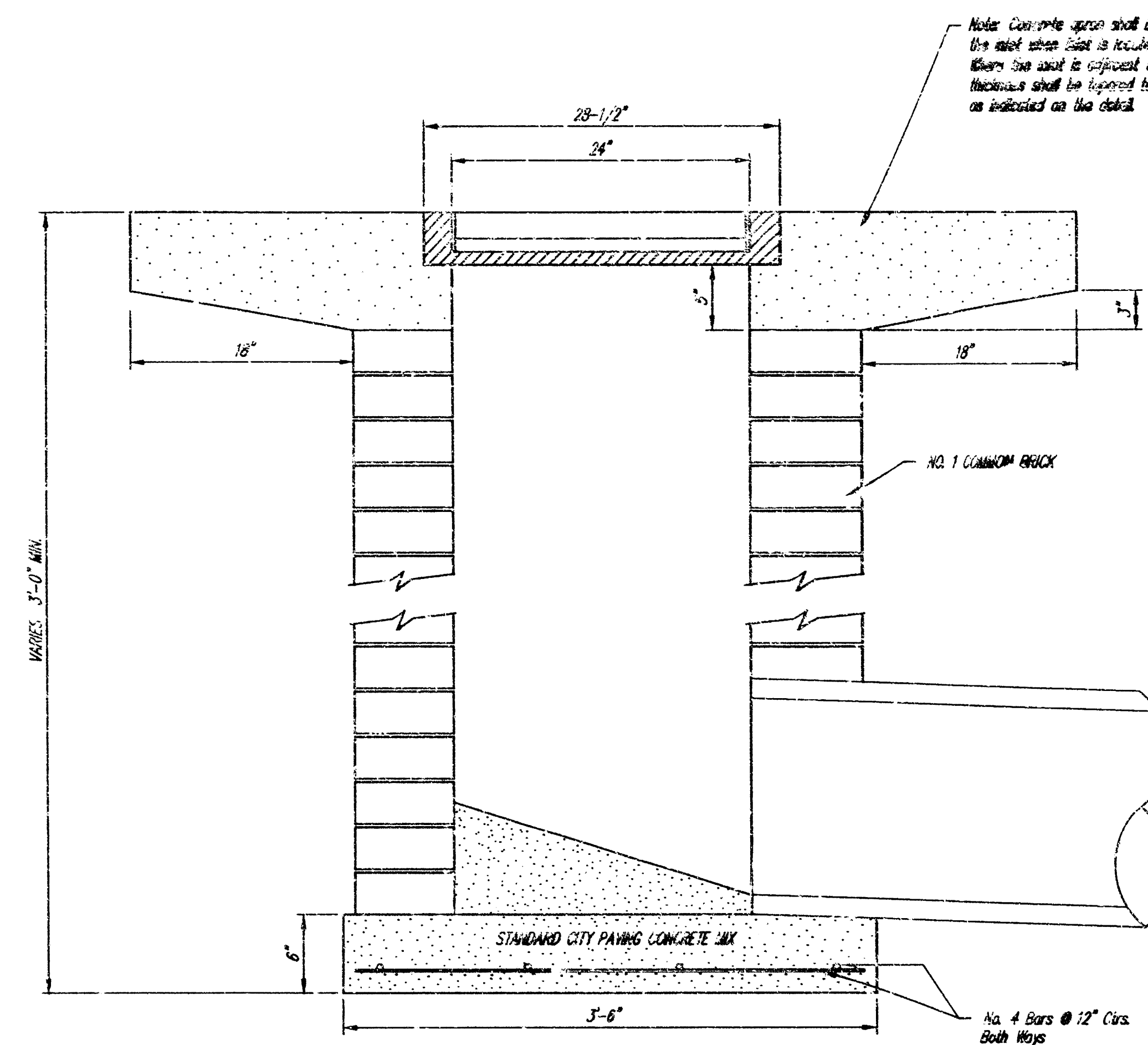
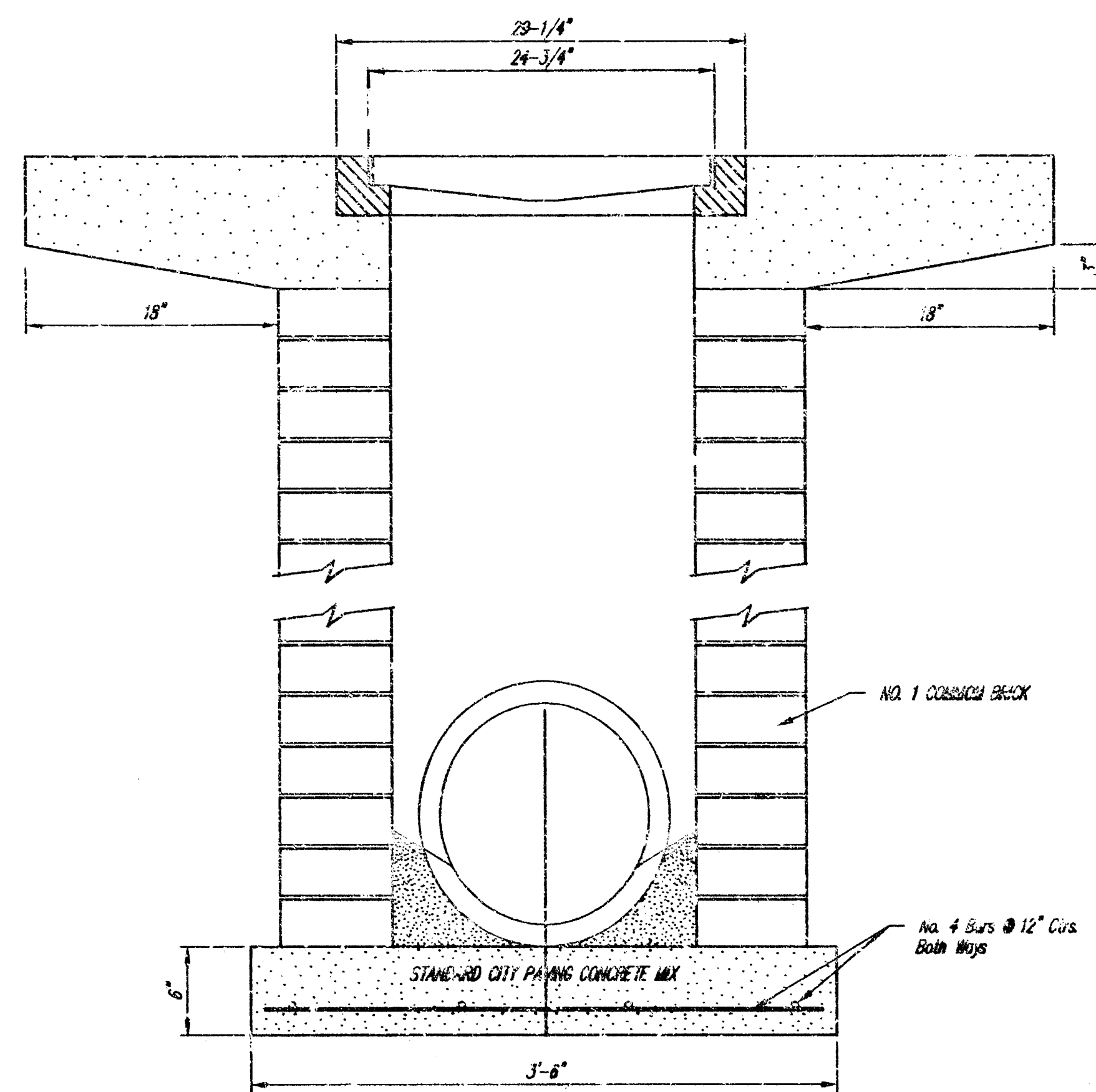


DEETER #2433 GRATE

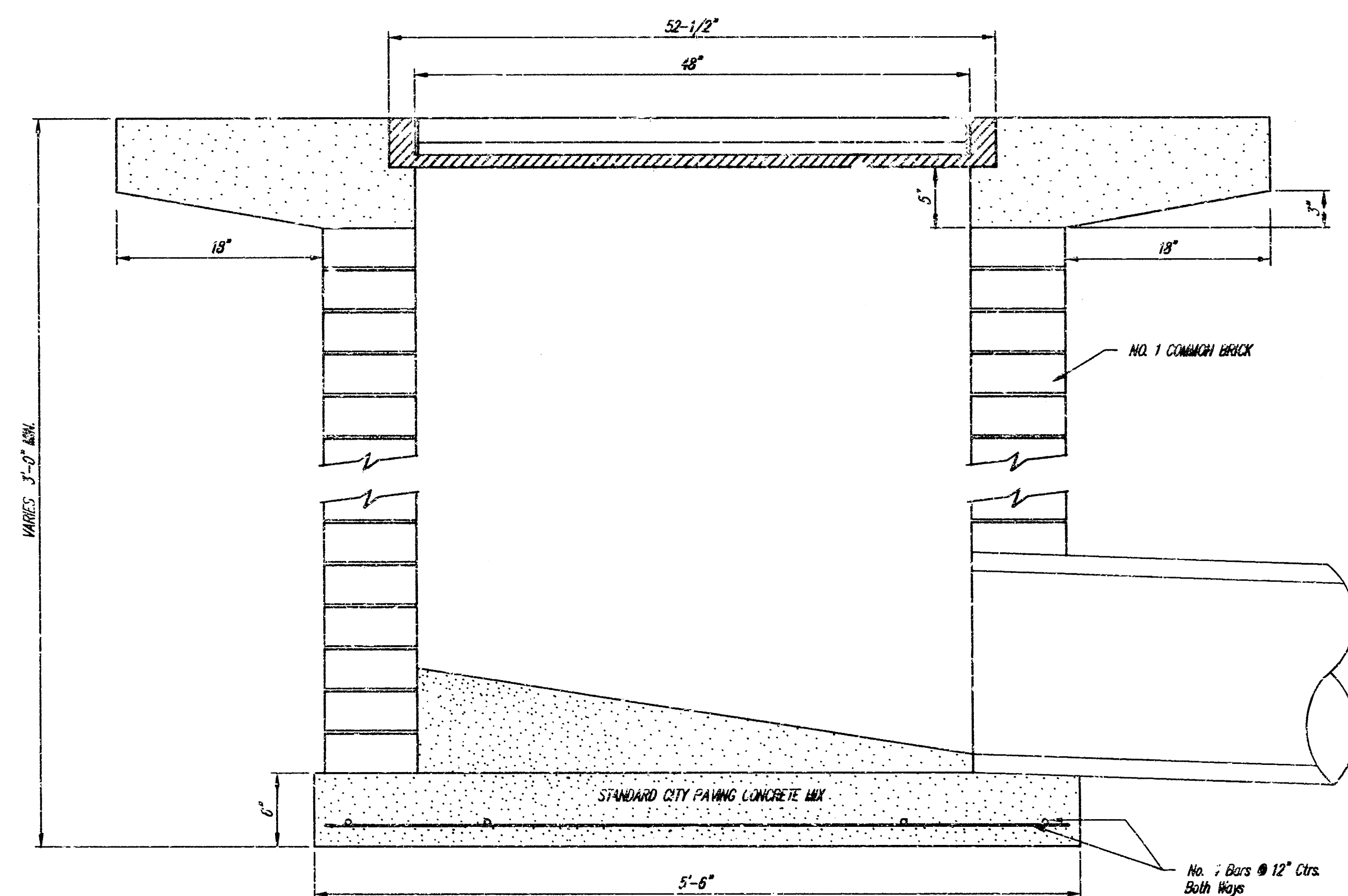
24" x 24" Frame and Grate Detail



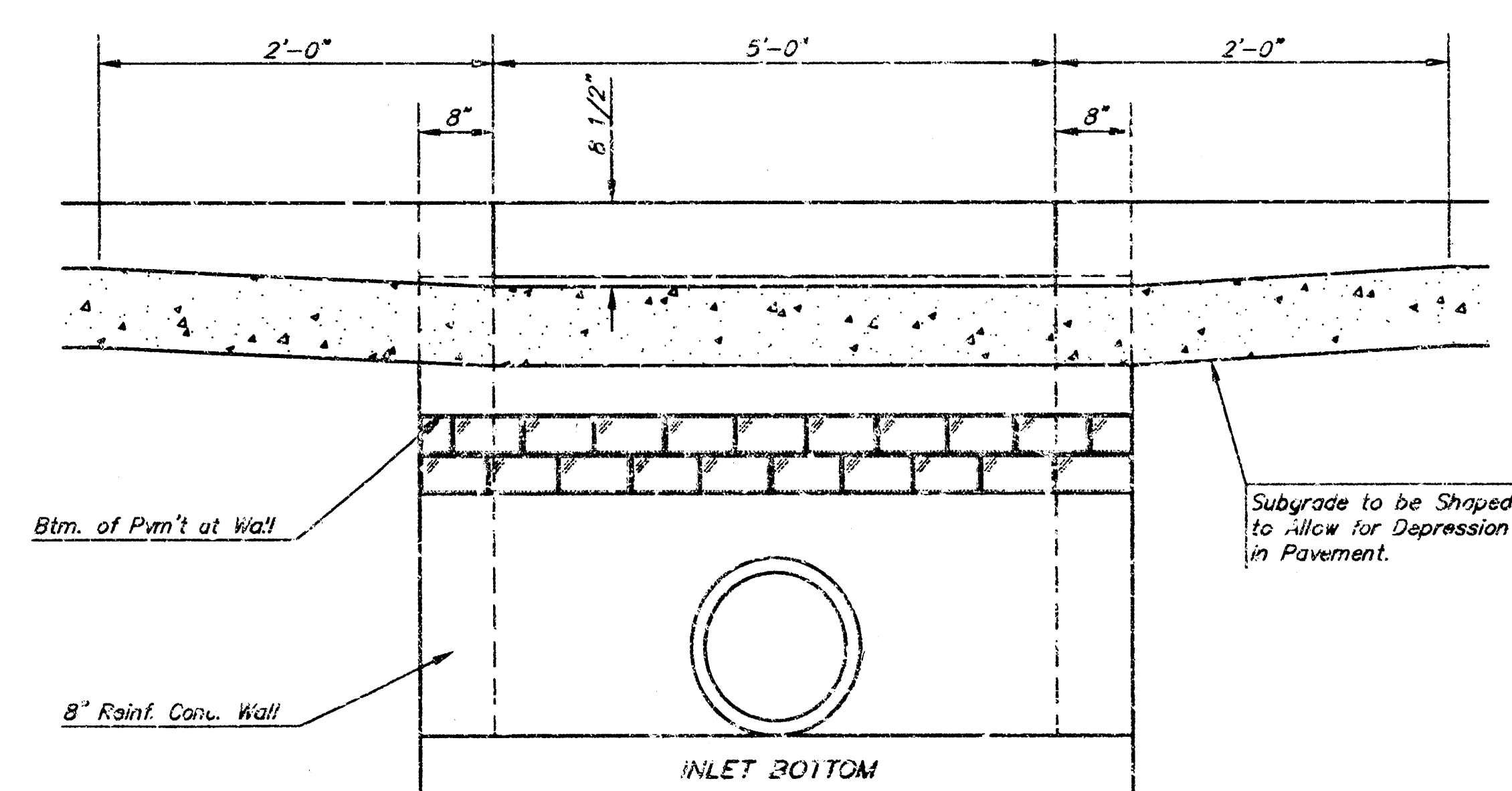
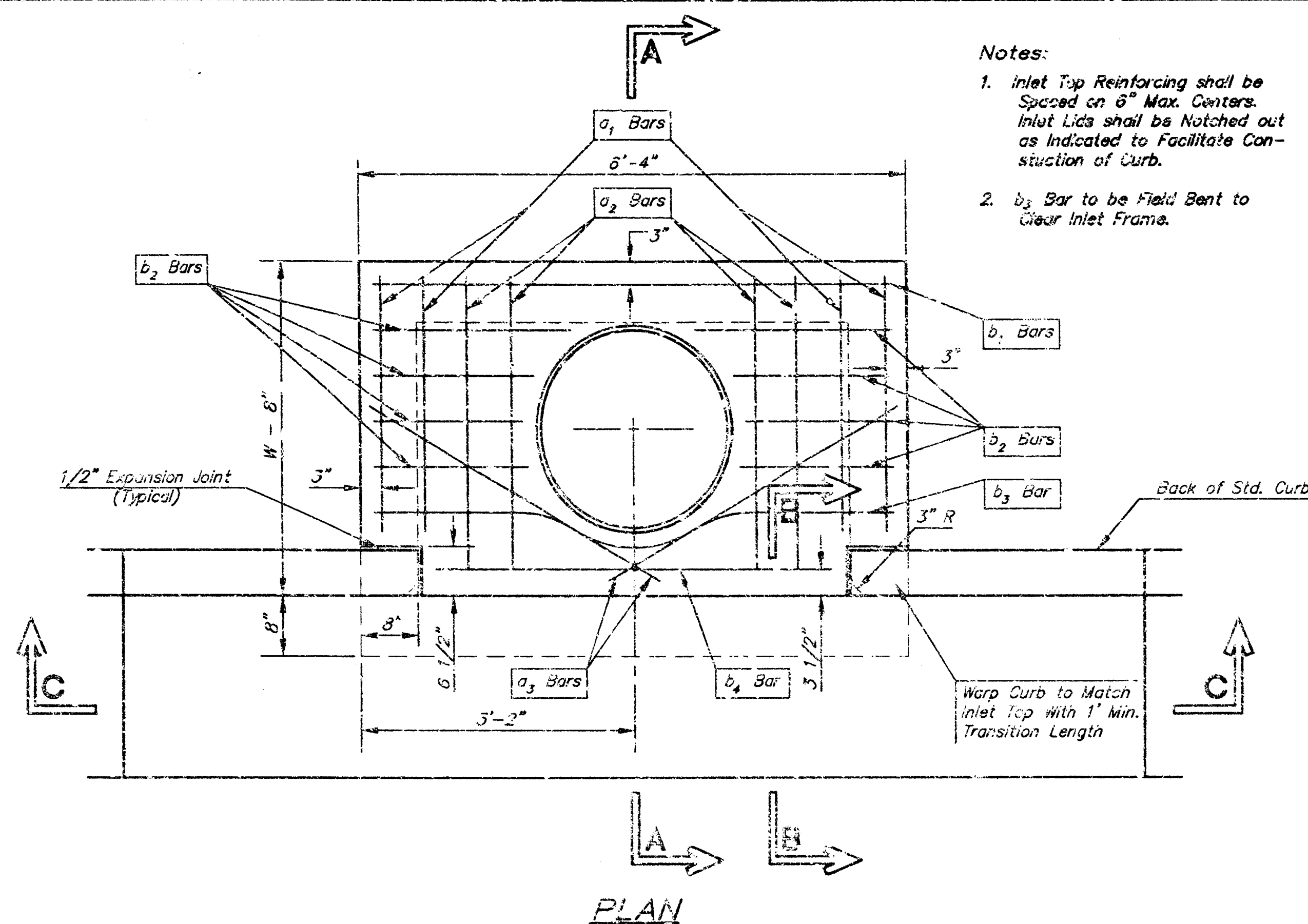
Double 24" x 24" Frame Detail



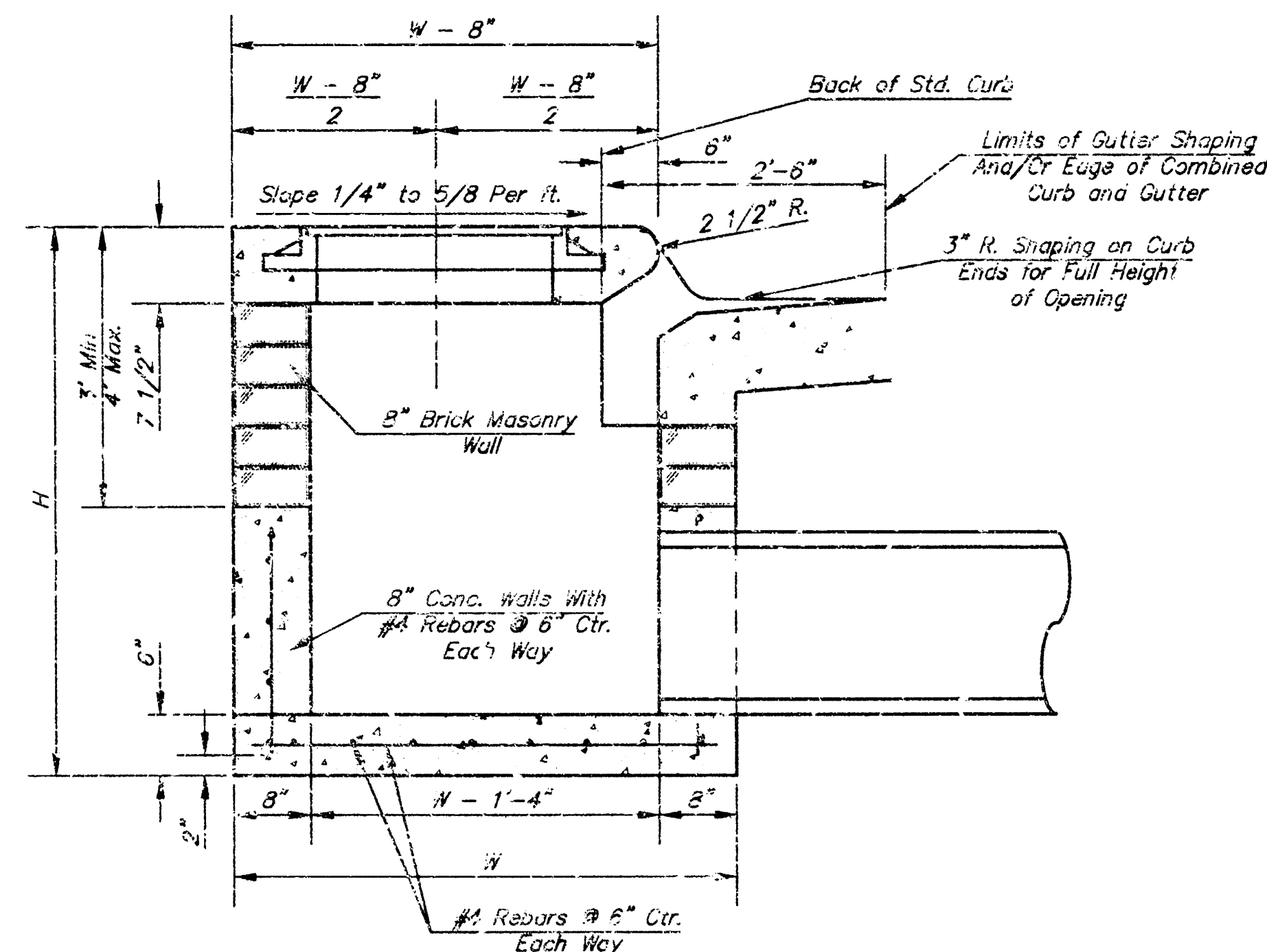
Note: Concrete apron shall be constructed around the inlet when it is located in an exposed area. When the inlet is exposed to pavement, the pavement thickness shall be equal to the inlet is 18 inches as indicated on the detail.



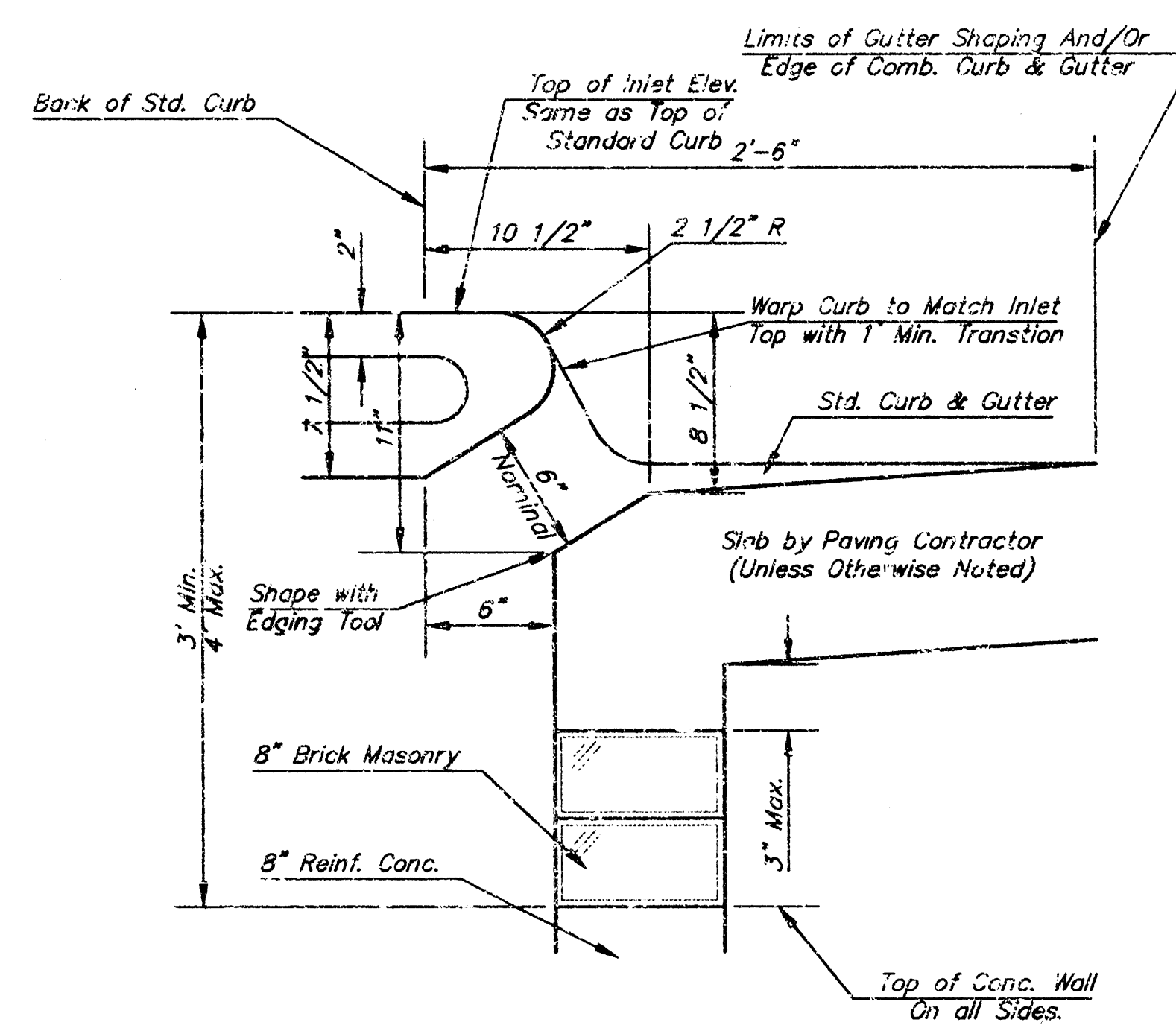
|                                              |        |                                    |          |
|----------------------------------------------|--------|------------------------------------|----------|
| <b>LOT 1, BLK. A, WEST BANK 1st ADDITION</b> |        |                                    |          |
| <b>STANDARD DROP INLET DETAILS</b>           |        |                                    |          |
| <b>WICHITA, KANSAS</b>                       |        |                                    |          |
| <b>SRB</b>                                   |        | 924 NORTH MAIN 316-264-8008        |          |
| SAVOY, RUGGLES & BOHM, P. A.                 |        | WICHITA, KANSAS 67203 FAX 264-4821 |          |
| ENGINEERING & SURVEYING                      |        | PROJECT NUMBER                     |          |
| 587 PPS (607861)                             |        | DATE                               |          |
| DESIGN                                       | DRAWN  | REVIEW                             | REVISION |
|                                              | C.O.W. | Oct. 6, 1993                       | 333E     |



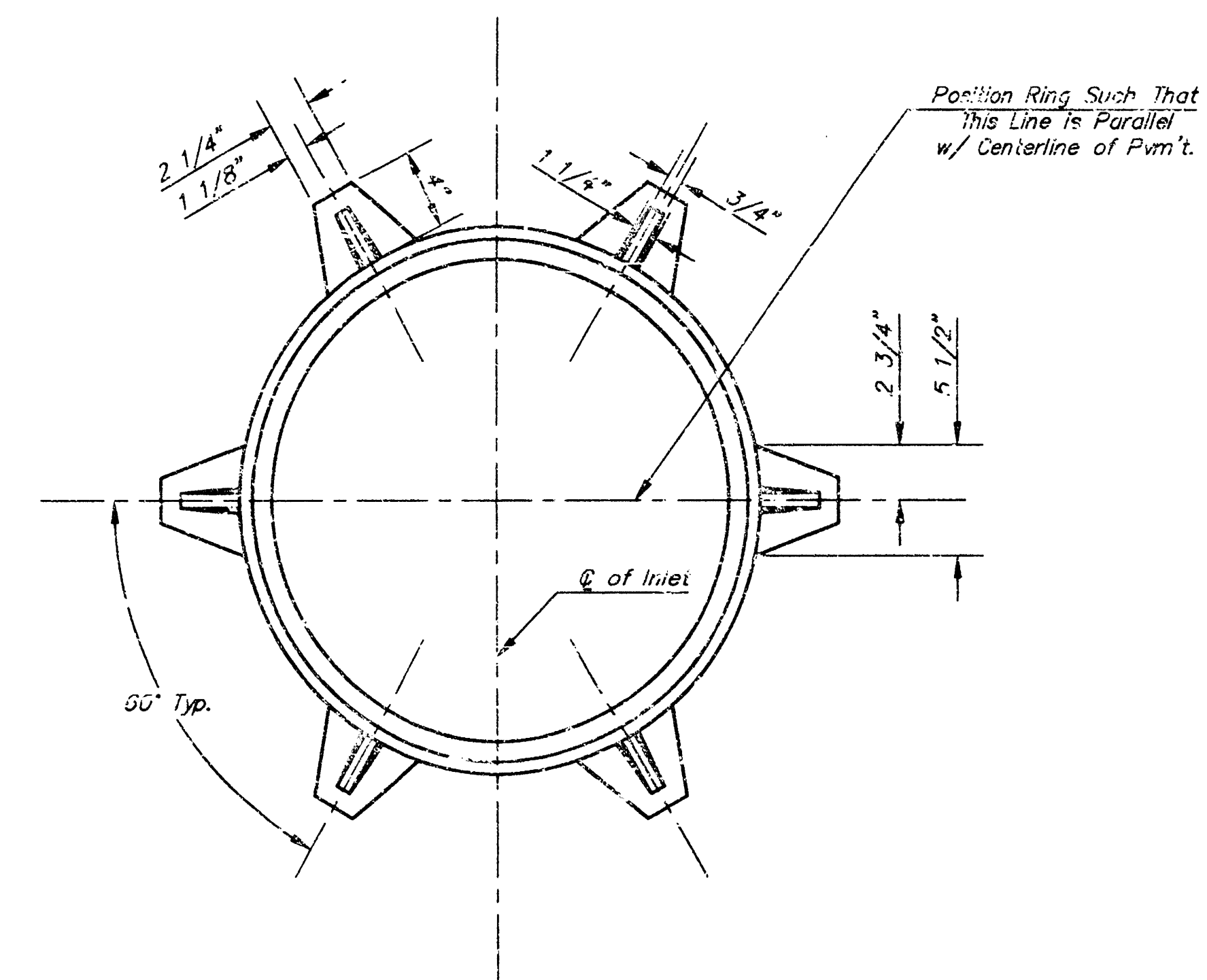
SECTION C-C



SECTION A-A

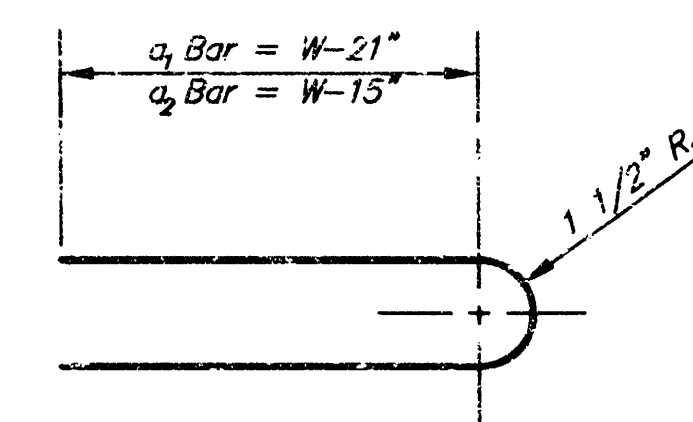


SECTION B-B



MANHOLE RING AND COVER

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



BENDING DIAGRAM

STEEL SCHEDULE

| BAR     |         | q <sub>1</sub> | q <sub>2</sub> | q <sub>3</sub> | q <sub>4</sub> |       |       |       |       |       |       |       | q <sub>5</sub> | q <sub>6</sub> | q <sub>7</sub> | WT.<br>LBS. |
|---------|---------|----------------|----------------|----------------|----------------|-------|-------|-------|-------|-------|-------|-------|----------------|----------------|----------------|-------------|
| NUMBER  |         | 4              | 4              | 2              | 1              | 3     | 5     | 7     | 9     | 6     | 1     | 1     |                |                |                |             |
| SIZE    |         | #4             | #4             | #4             | #4             | #4    | #4    | #4    | #4    | #4    | #4    | #6    |                |                |                |             |
| H/20-27 | W=4'-6" | 5'-7"          | 6'-7"          | 4'-0"          | 6'-1"          | -     | -     | -     | -     | 1'-3" | 6'-2" | 4'-8" | 60±            |                |                |             |
|         | W=5'-6" | 7'-7"          | 8'-7"          | 5'-0"          | -              | 5'-1" | -     | -     | -     | 1'-9" | 5'-2" | 5'-8" | 81±            |                |                |             |
|         | W=6'-6" | 9'-7"          | 10'-7"         | 6'-0"          | -              | -     | 6'-1" | -     | -     | 1'-9" | 6'-2" | 4'-8" | 101±           |                |                |             |
|         | W=7'-6" | 11'-7"         | 12'-7"         | 7'-0"          | -              | -     | -     | 6'-1" | -     | 1'-9" | 6'-2" | 4'-8" | 121±           |                |                |             |
|         | W=8'-6" | 13'-7"         | 14'-7"         | 8'-0"          | -              | -     | -     | -     | 6'-1" | 1'-5" | 6'-2" | 4'-8" | 141±           |                |                |             |