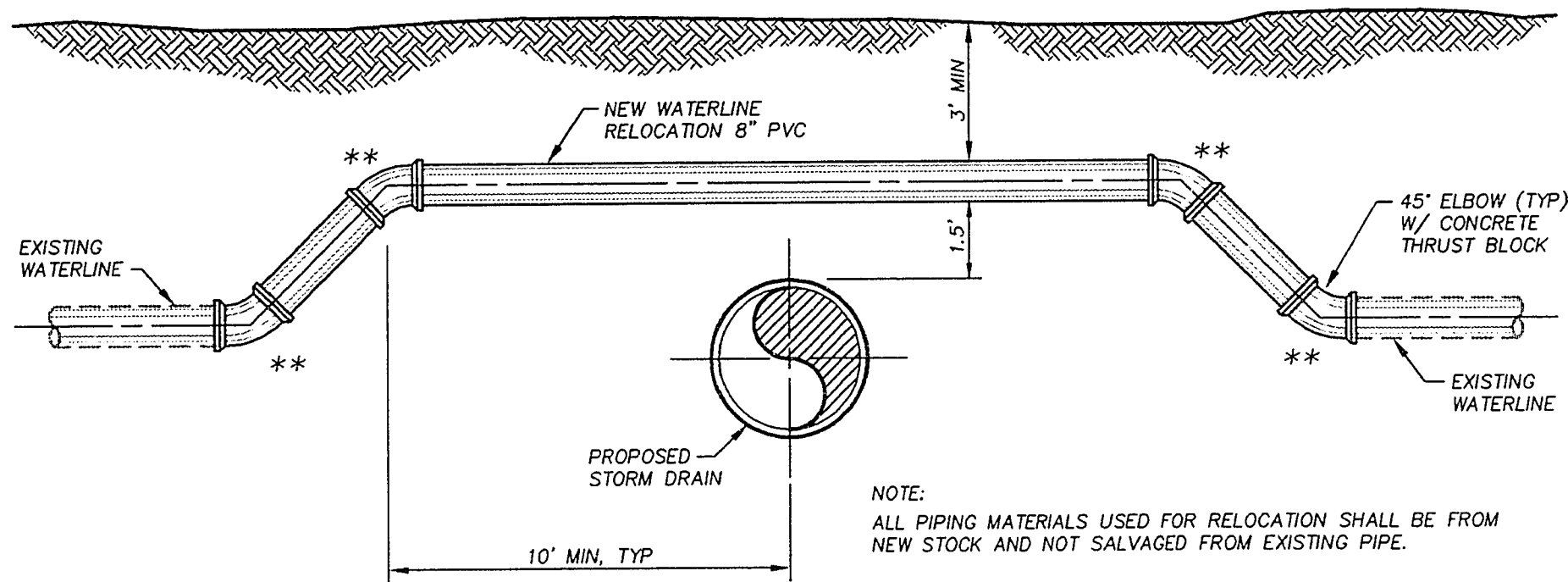


Call before you Dig

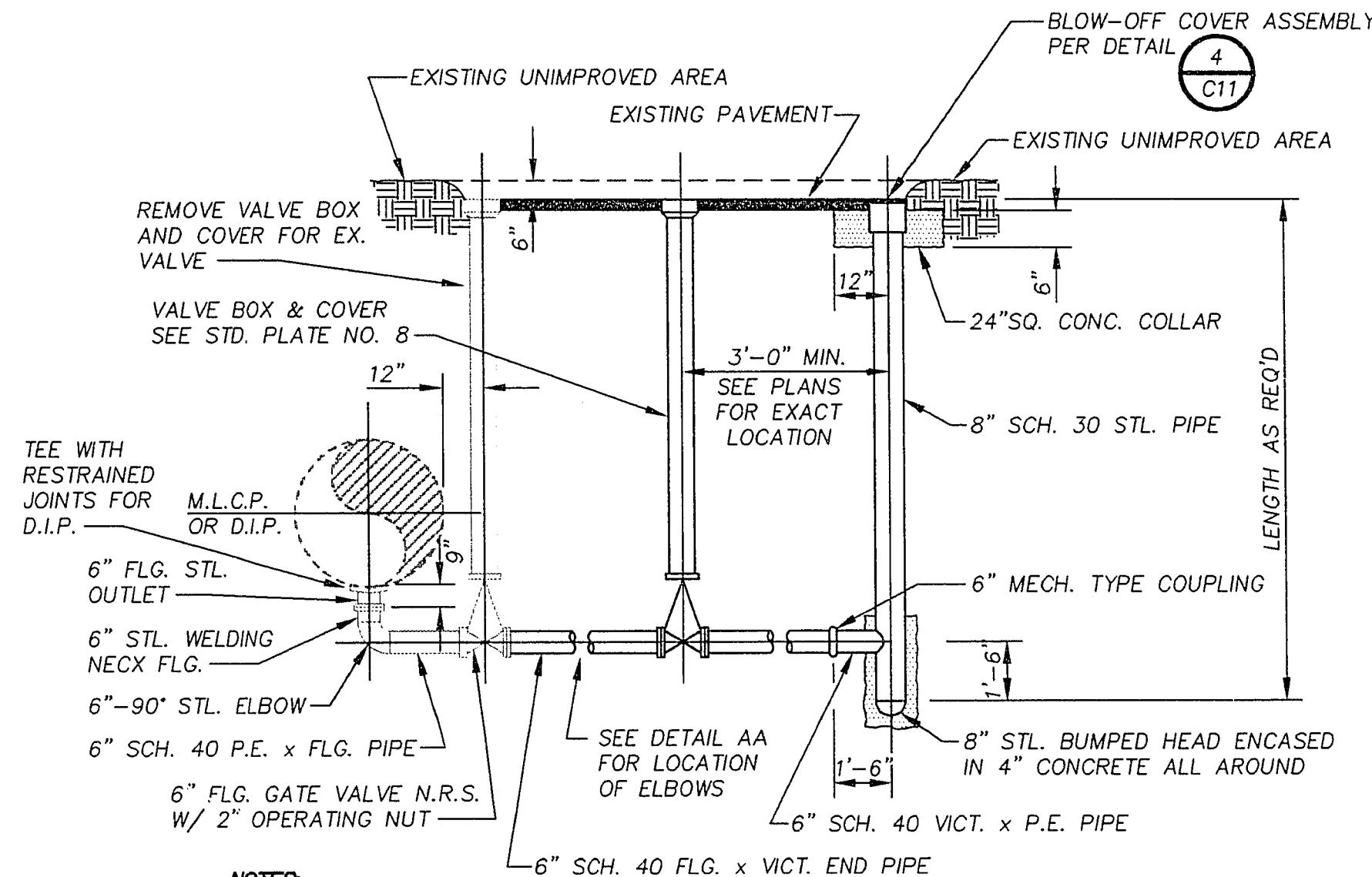
1-800-227-2600



TYPICAL WATERLINE RELOCATION

1  
C11

\*\* DOUBLE ASTERISK DENOTES LOCATION OF CONCRETE THRUST BLOCK PER LVWD STD. PLATE NO. 5



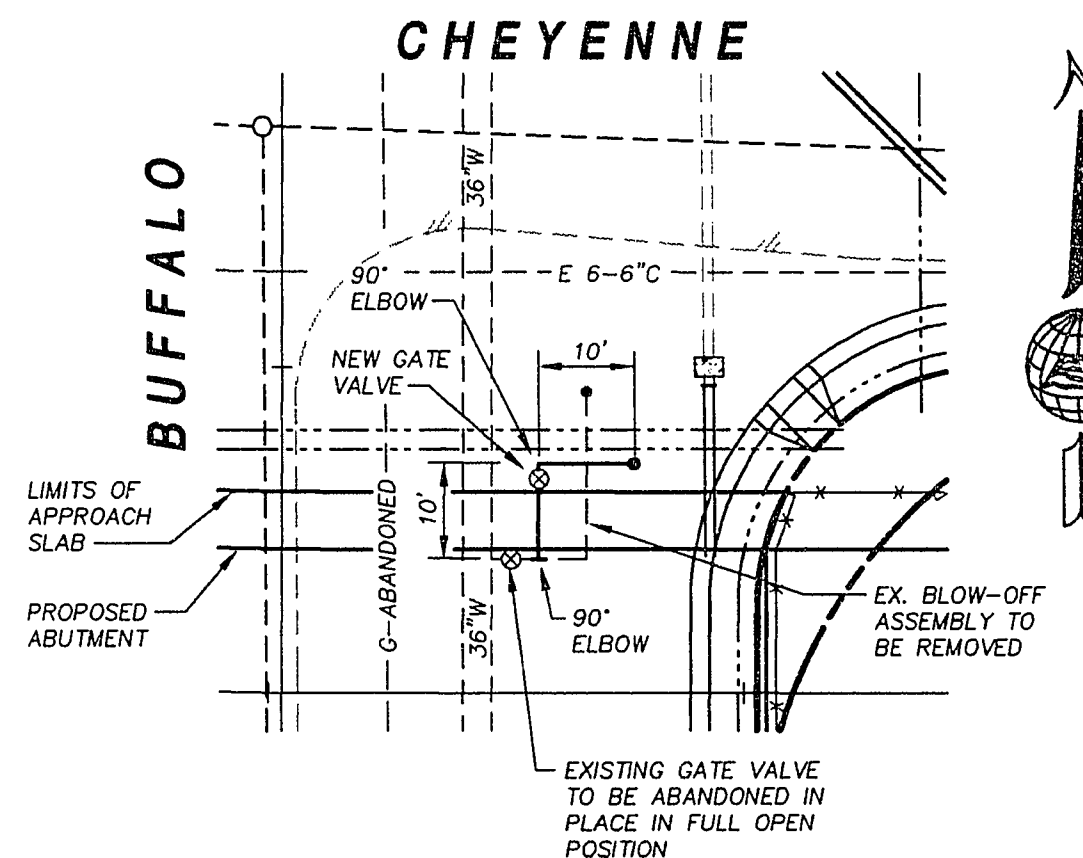
NOTES

- ALL 6" & 8" STL. PIPE & FITTINGS TO HAVE CEMENT MORTAR LINING & COATING
- ALL VALVES TO BE ABANDONED SHALL BE ABANDONED IN THE OPEN POSITION, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2000 PSI.

BLOW-OFF ASSEMBLY RELOCATION

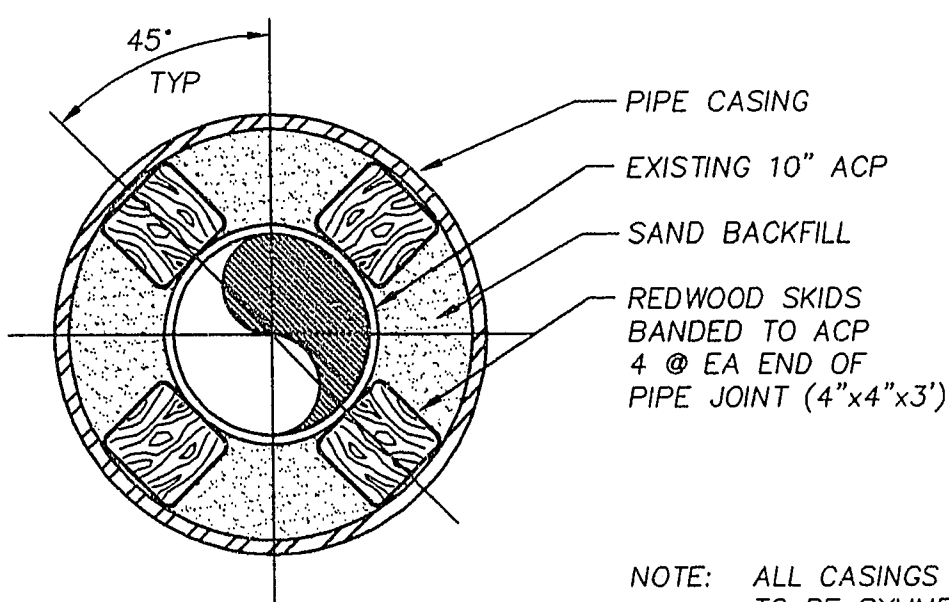
2  
C11

LVWD STANDARD PLATE NO. 38



DETAIL AA

SCALE: 1" = 20'



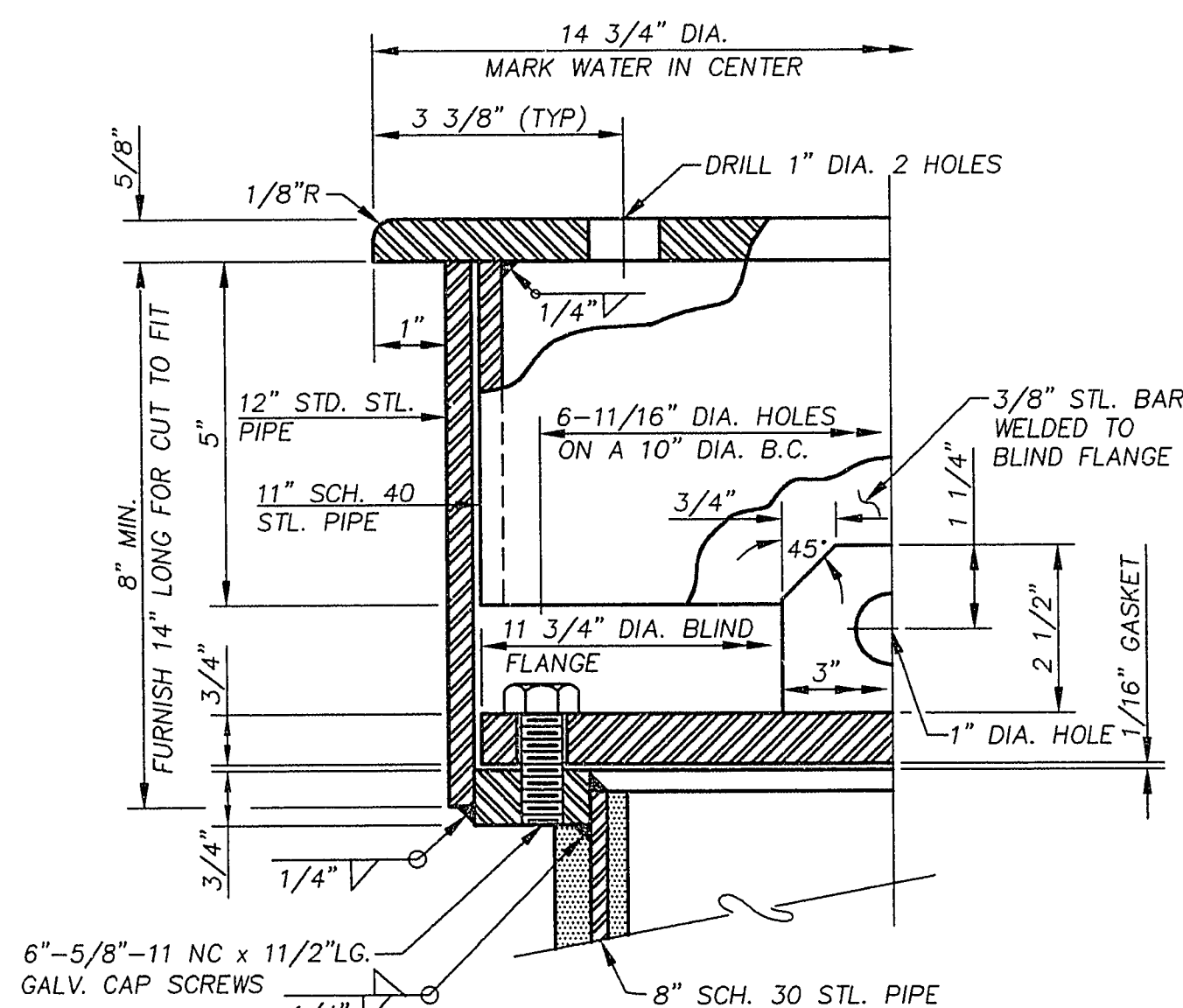
NOTE: ALL CASINGS ARE TO BE SYMMETRICAL ABOUT THE C. OF PIPE

- STEEL PIPE CASING SHALL BE FABRICATED FROM A MINIMUM OF 1/4" THICK STEEL PLATES, CONFORMING TO THE REQUIREMENTS OF ASTM A283, GRADE B, C, OR D. ALL JOINTS SHALL BE WELDED. INTERIOR JOINTS SHALL BE GROUND TO A SMOOTH FINISH. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C201, "AWWA STANDARD FOR FABRICATED ELECTRICALLY WELDED STEEL WATER PIPE." COATINGS FOR STEEL CASING ARE NOT REQUIRED.
- PIPE CASING SHALL BE LAID TRUE TO LINE AND GRADE WITH NO BENDS OR CHANGES IN GRADE FOR THE FULL LENGTH OF THE CASING.
- THE PIPE SHALL BE SUPPORTED AT EACH END OF EACH JOINT WITH SKIDS. THE ANNULAR SPACE BETWEEN THE PIPE AND THE CASING SHALL BE BACKFILLED WITH SAND. AFTER INSTALLATION OF THE PIPE, THE CASING SHALL BE SEALED AT BOTH ENDS WITH MORTARED BRICK OR CEMENT BRICK.

TYPICAL SPLIT CASING SECTION

3  
C11

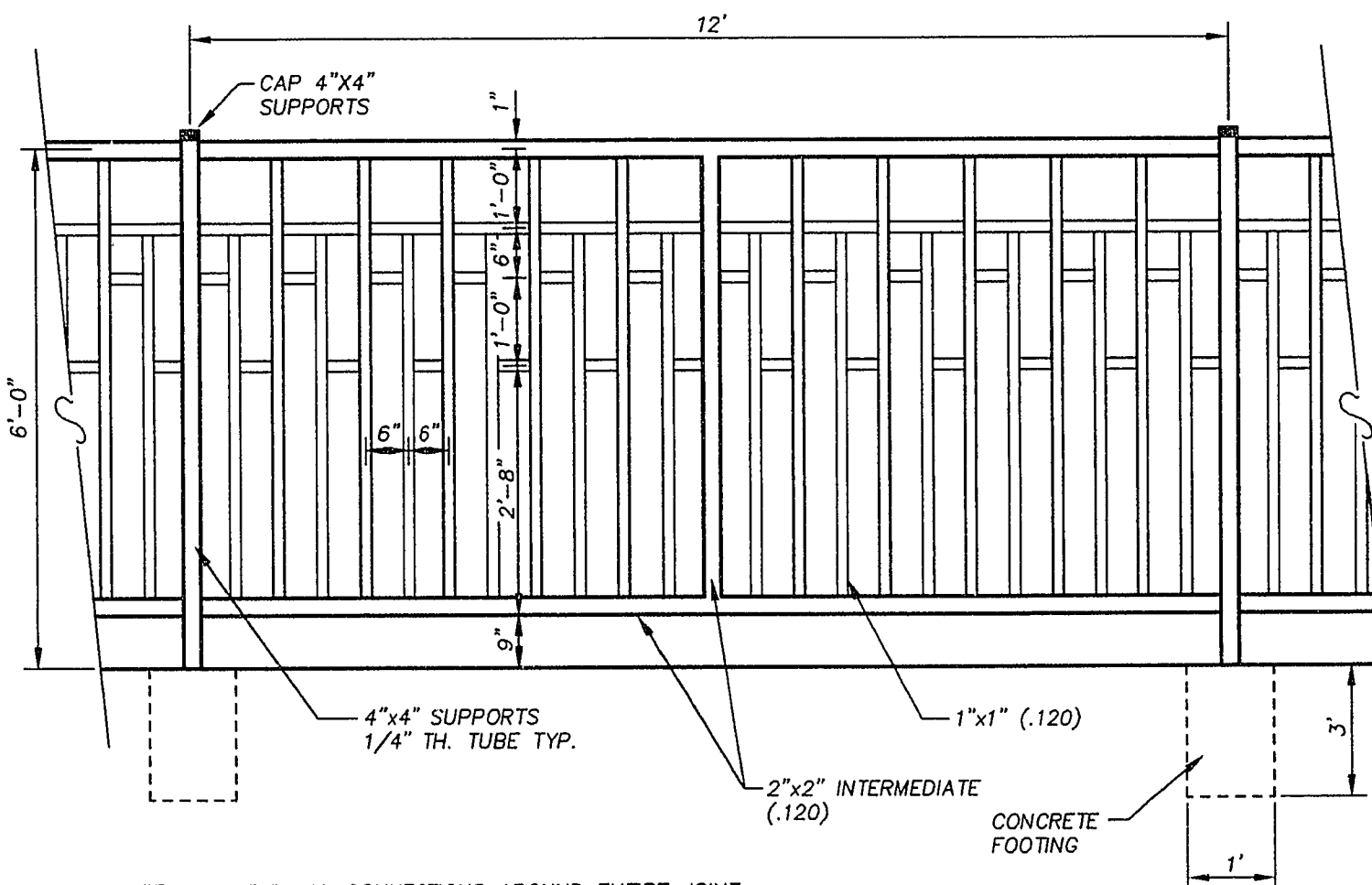
NOT TO SCALE



BLOW-OFF COVER ASSEMBLY

4  
C11

LVWD STANDARD PLATE NO. 40

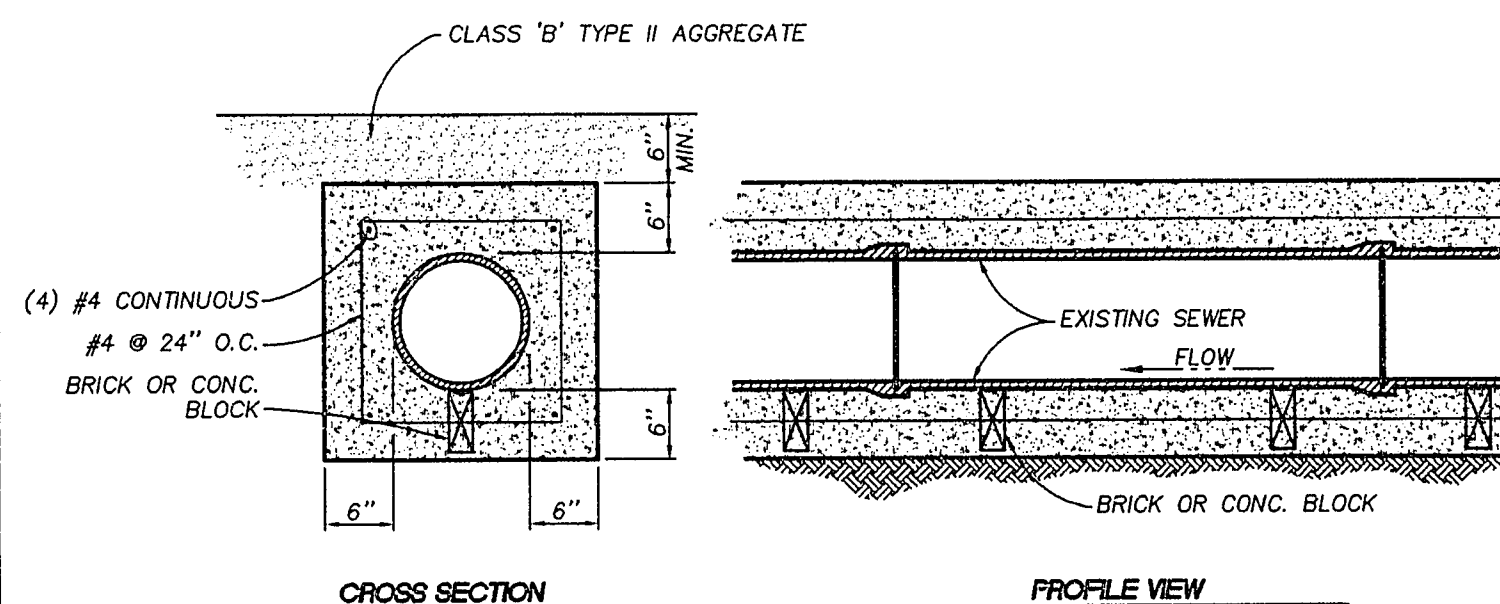


- NOTE: 1. WELD ALL CONNECTIONS AROUND ENTIRE JOINT.  
2. PRIMER AND PAINT WITH BLACK INDUSTRIAL ENAMEL.

WROUGHT IRON FENCE ELEVATION

5  
C11

NOT TO SCALE



- NOTES:  
1. ALL CONCRETE TO BE TYPE V.  
2. COMPACTION OF THE BEDDING SHALL BE 90%

REINFORCED CONCRETE ENCASEMENT

NOT TO SCALE

6  
C11

RECORD  
DRAWINGS

DRAFTED BY: JMA DATE 2-2-95  
CHECKED BY: DTA DATE 2-2-95

REVISIONS

| REV. | DESCRIPTION | BY | DATE | APPROVAL |
|------|-------------|----|------|----------|
|      |             |    |      |          |
|      |             |    |      |          |
|      |             |    |      |          |
|      |             |    |      |          |
|      |             |    |      |          |

Scale

HORIZONTAL : AS SHOWN  
VERTICAL :

Job No.

7158.514

Church Engineering

A Division of  
POST, BUCKLEY,  
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ENGINEERING • PLANNING • SURVEYING • CONSTRUCTION SERVICES

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Suite 140  
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Telephone 702/878-6244  
Fax 702/878-7750

Scale

Designed by : WEH Date : 12/21/93

Drawn by : AAS Date : 12/21/93

Checked by : PAA Date : 12/21/93

File No. : 514IMP Dwg No. : 514-11



City of Las Vegas  
CHEYENNE CHANNEL IMPROVEMENTS  
BID No. 94.1730.12  
DETAILS

CITY OF LAS VEGAS DRAWING No. 731-58

SHEET C11