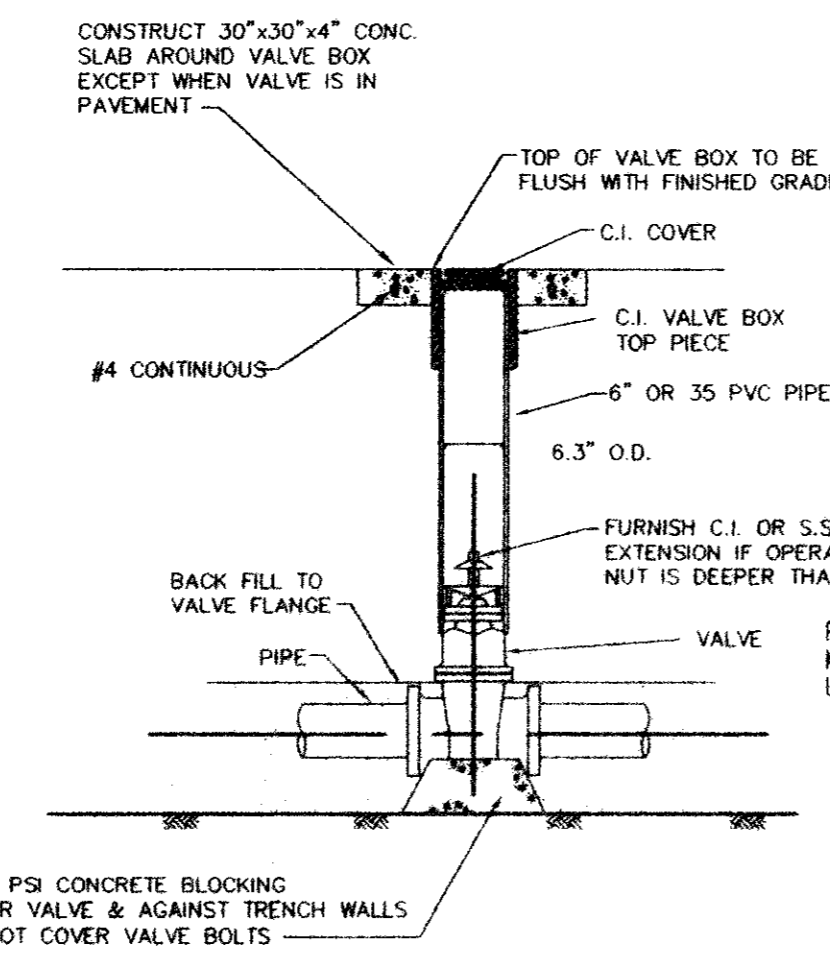
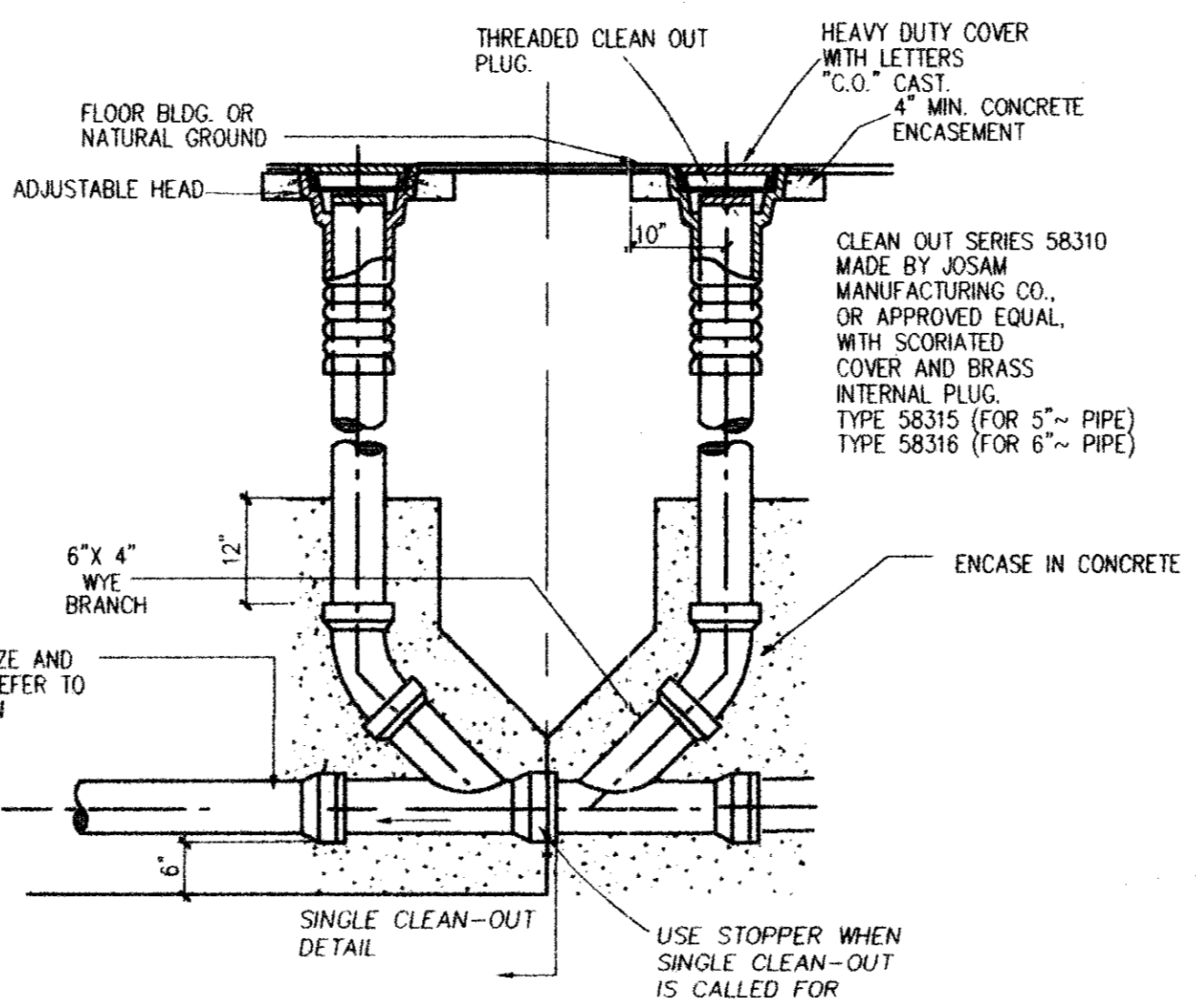


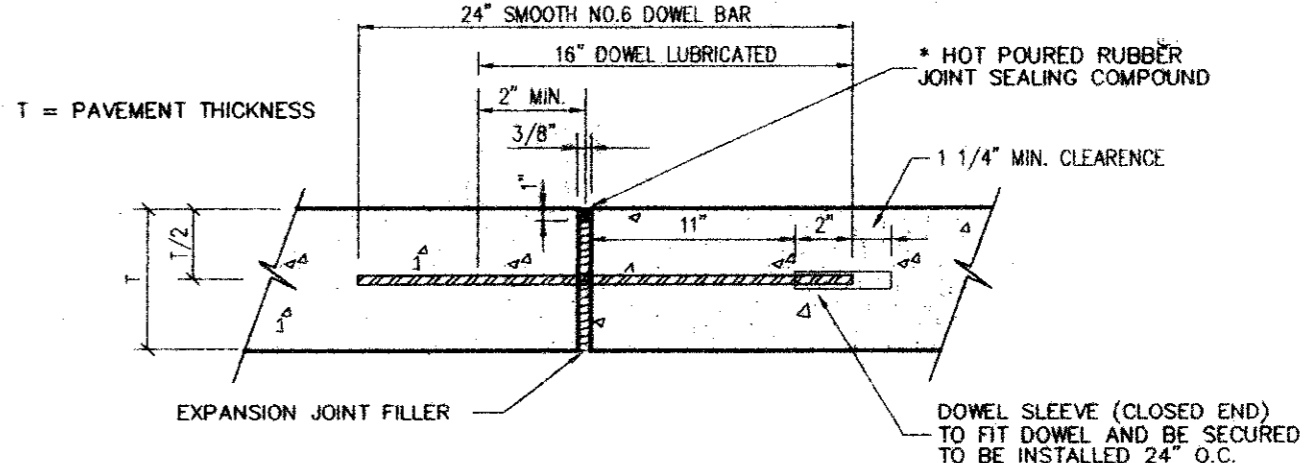
**FIRE HYDRANT ASSEMBLY DETAIL
BLOCKED INSTALLATION**



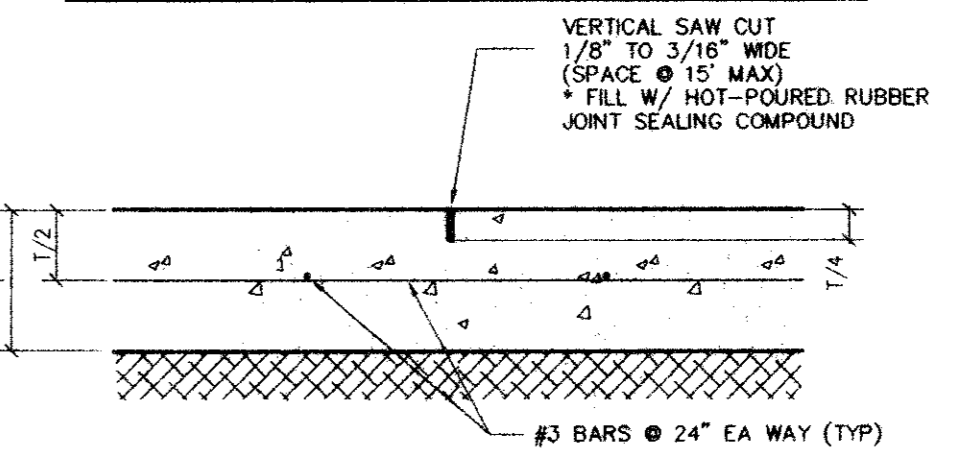
VALVE INSTALLATION DETAIL



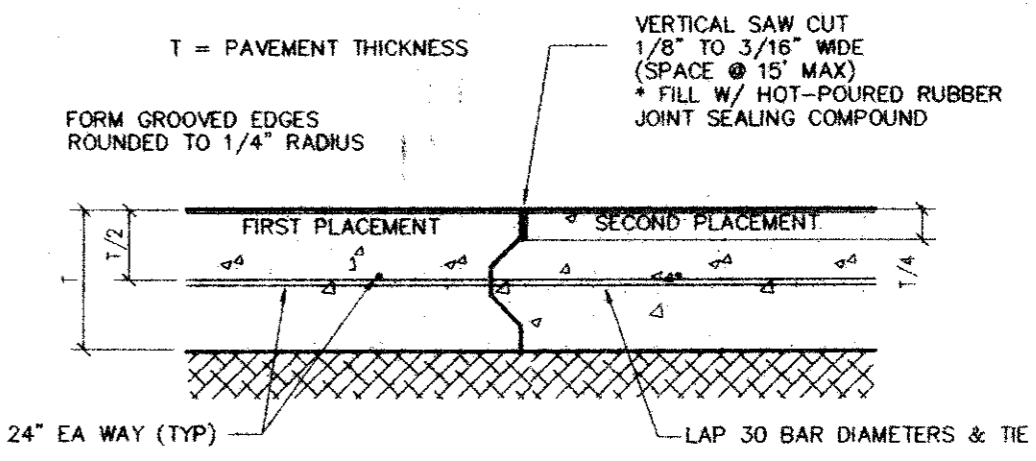
SANITARY SEWER DOUBLE CLEAN-OUT



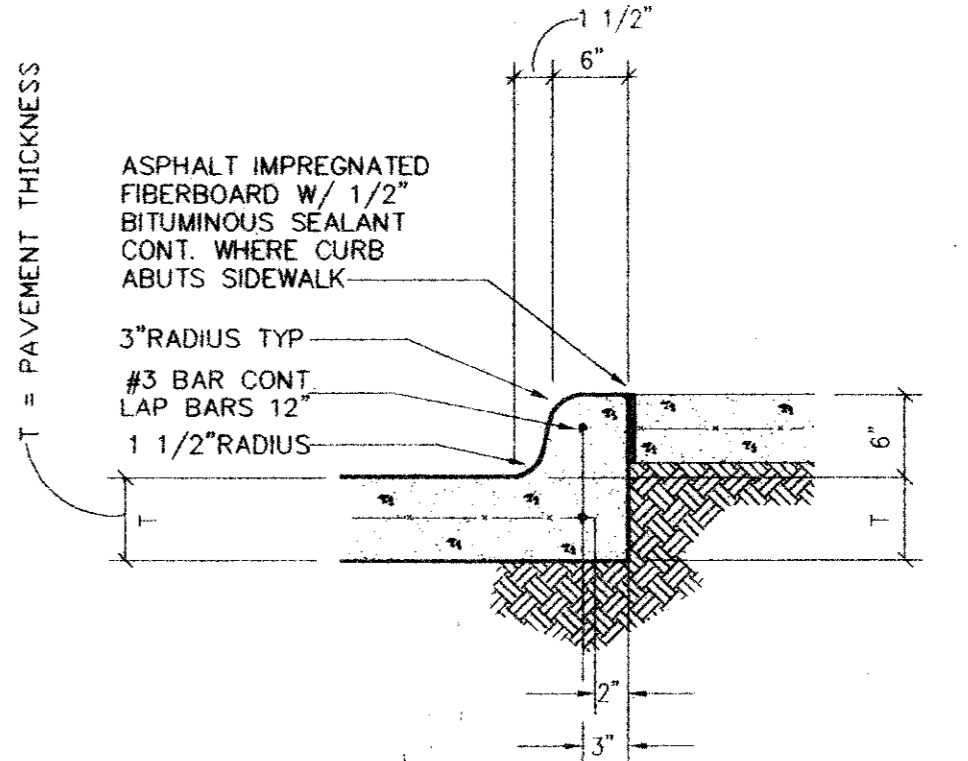
TRANSVERSE EXPANSION JOINT



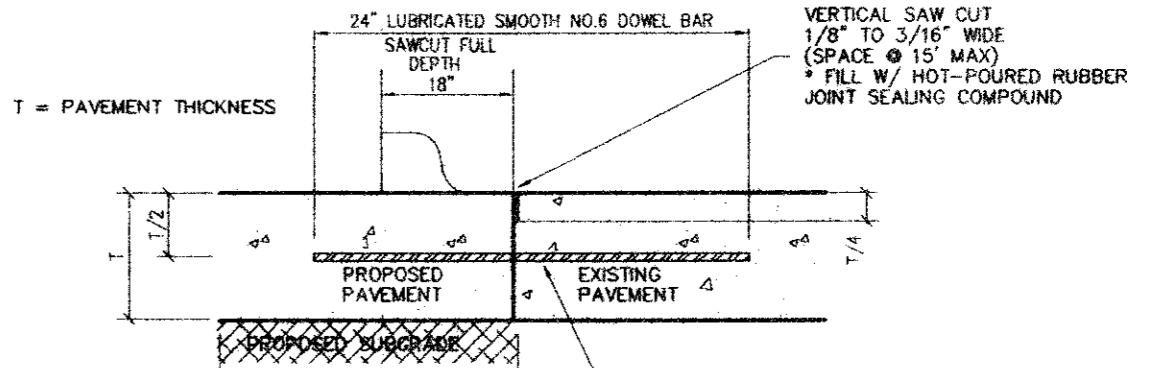
SAWED DUMMY JOINT DETAIL



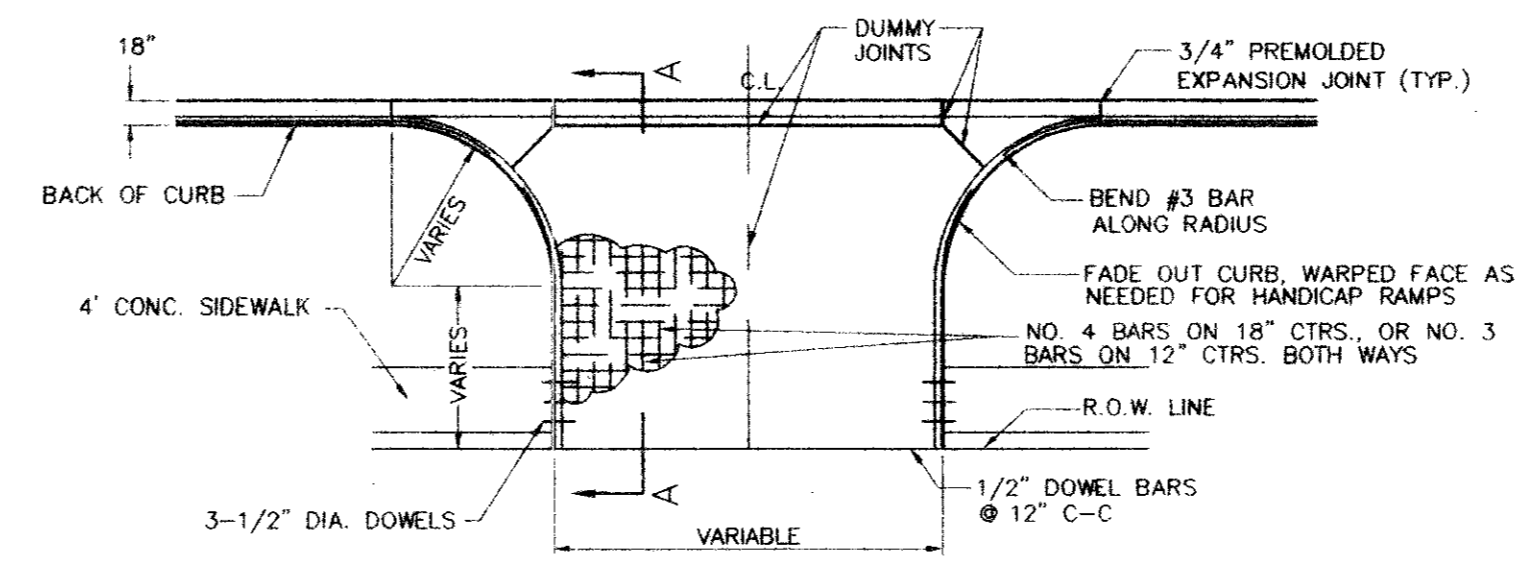
CONSTRUCTION JOINT DETAIL



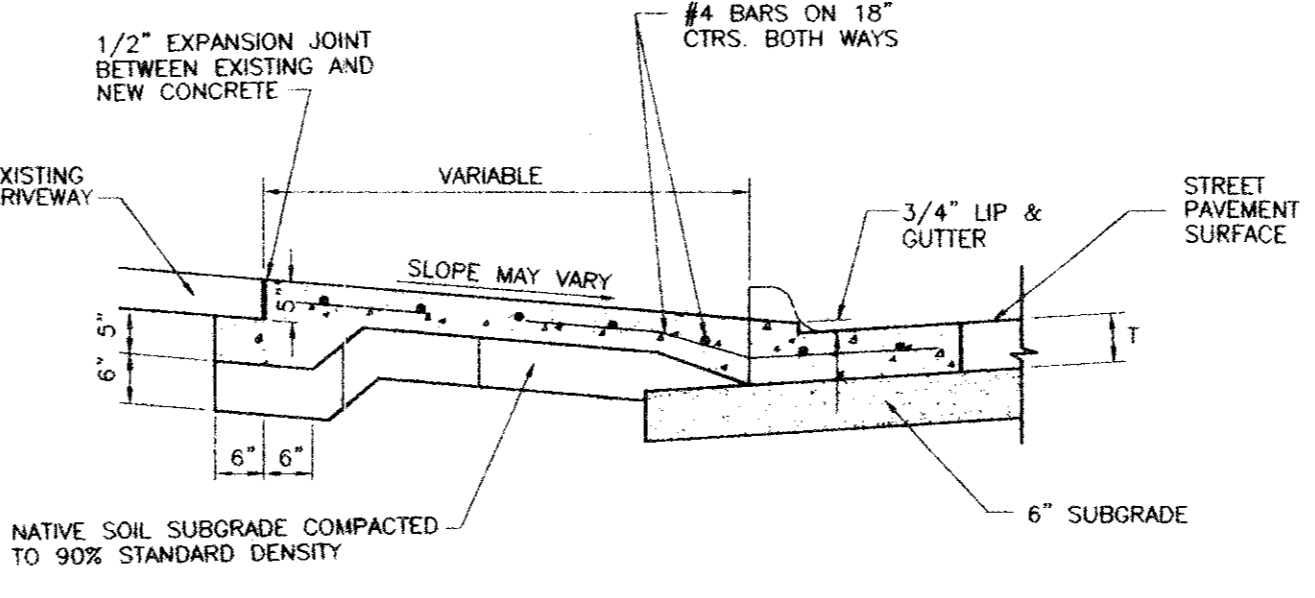
6" MONOLITHIC CONCRETE CURB DETAIL



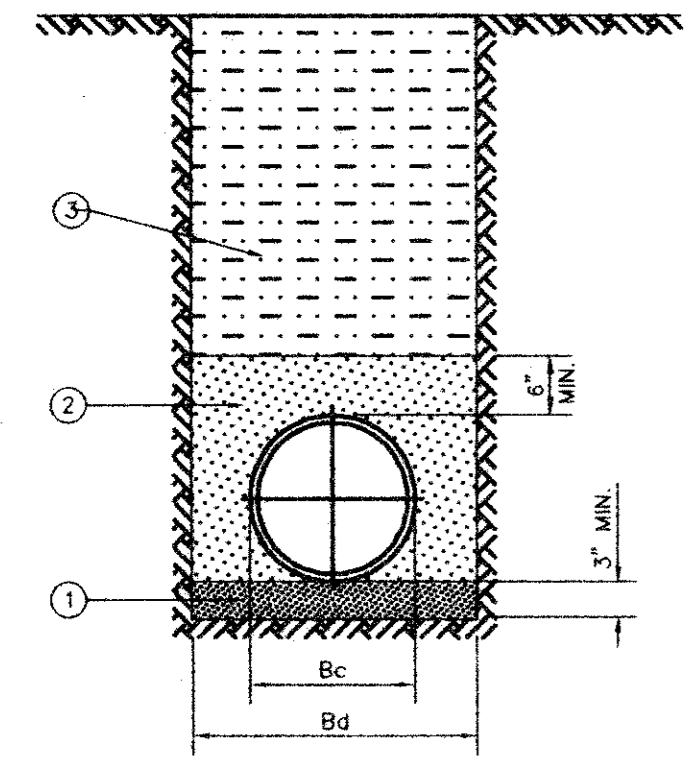
LONGITUDINAL BUTT DETAIL



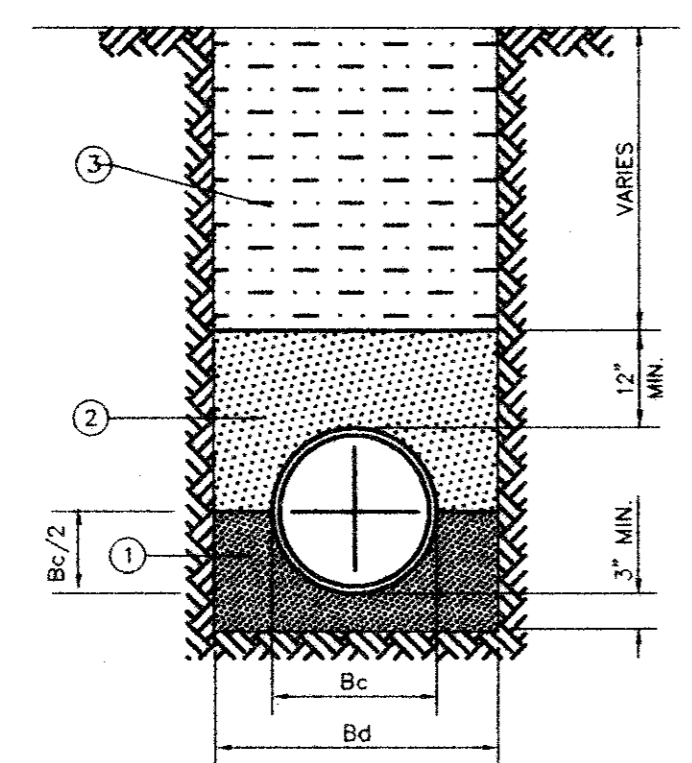
TYPICAL DRIVE APPROACH



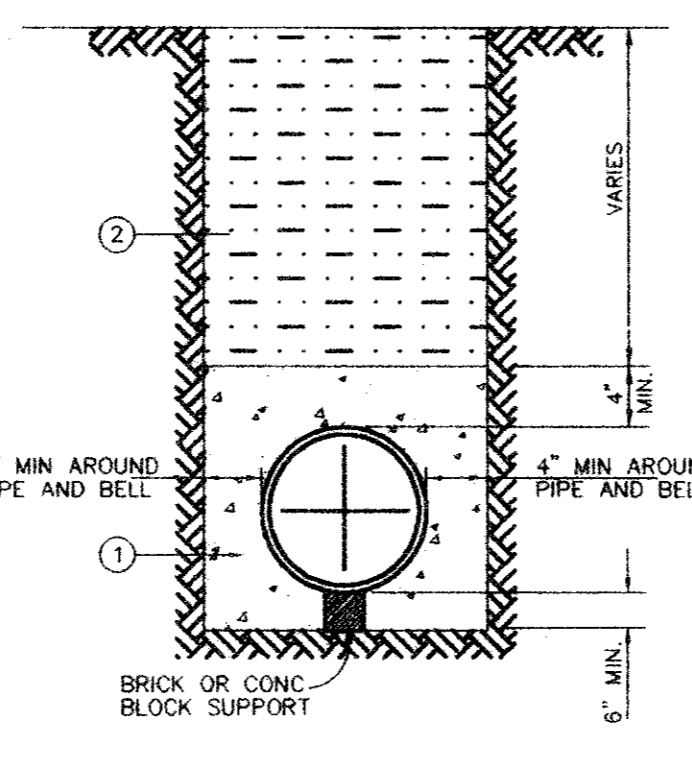
**SECTION A-A
(FOR TYPICAL DRIVE APPROACH)**



**CLASS "C-2" EMBEDMENT
WATER**



**CLASS "B-1" EMBEDMENT
SANITARY SEWER AND STORM SEWER**



CONCRETE ENCASEMENT DETAIL

- 1 GRANULAR MATERIAL (SAND) - TOP OF LAYER IS TO BE PLACED TO GRADE TO PROVIDE UNIFORM SUPPORT OF PIPE BARREL. EXCAVATE BELL HOLES. COMPACT TO 95% PROCTOR DENSITY.
- 2 GRANULAR MATERIAL (SAND) - COMPACT TO 90% STANDARD PROCTOR DENSITY EXCEPT UNDER STRUCTURES, ROADWAYS AND PAVEMENT WHERE 95% DENSITY IS REQUIRED.
- 3 SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY UNDER STRUCTURES, ROADWAYS AND PAVEMENT. USE GRANULAR MATERIAL (SAND) COMPACTED TO 95% STANDARD PROCTOR DENSITY.

- 1 FINE GRADATION CRUSHED STONE - TOP LAYER IS TO BE PLACED TO GRADE TO PROVIDE UNIFORM SUPPORT OF PIPE BARREL. EXCAVATE BELL HOLES.
- 2 SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY UNDER STRUCTURES, ROADWAYS AND PAVEMENT. USE GRANULAR MATERIAL (SAND) COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- 3 SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY UNDER STRUCTURES, ROADWAYS AND PAVEMENT. COMPACT TO 95% STANDARD PROCTOR DENSITY.

- 1 3,000 P.S.I. CONCRETE CONCRETE ENCASEMENT SHALL BEGIN AND END 6 INCHES FROM THE END OF A JOINT
- 2 SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY UNDER STRUCTURES, ROADWAYS AND PAVEMENT. COMPACT TO 95% STANDARD PROCTOR DENSITY.

**SITE DETAILS
AS SHOWN**

- TO BE USED WHERE PROPOSED CONCRETE PAVEMENT MEETS EXISTING CONCRETE PAVEMENT
- NOTES:
1. NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 5", 6" AND 7" PAVEMENT THICKNESS.
 2. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTOR'S OPTION.
 3. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIC. DRILLING BY HAND IS NOT APPLICABLE, PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.

Glenn Engineering
 972-717-5151
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 MESQUITE, TEXAS 75062

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 PRECAST DESIGN AND CONSTRUCTION THROUGH SERVICE AND SUPPORT.
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PROPOSED \$1.25 DRY CLEANER
 LOT 2A, BLOCK 1
 SPRING VALLEY/MARSH LANE CENTRE
 SPRING VALLEY ROAD AND MARSH LANE
 ADDISON, TEXAS

Revisions:	Issue Dates:
Review:	Permit:
Constructor:	Scale: AS SHOWN
Drawn By: R. HOWMAN	Checked by: RAH
Project No. 99-59040	Sheet SP-10

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