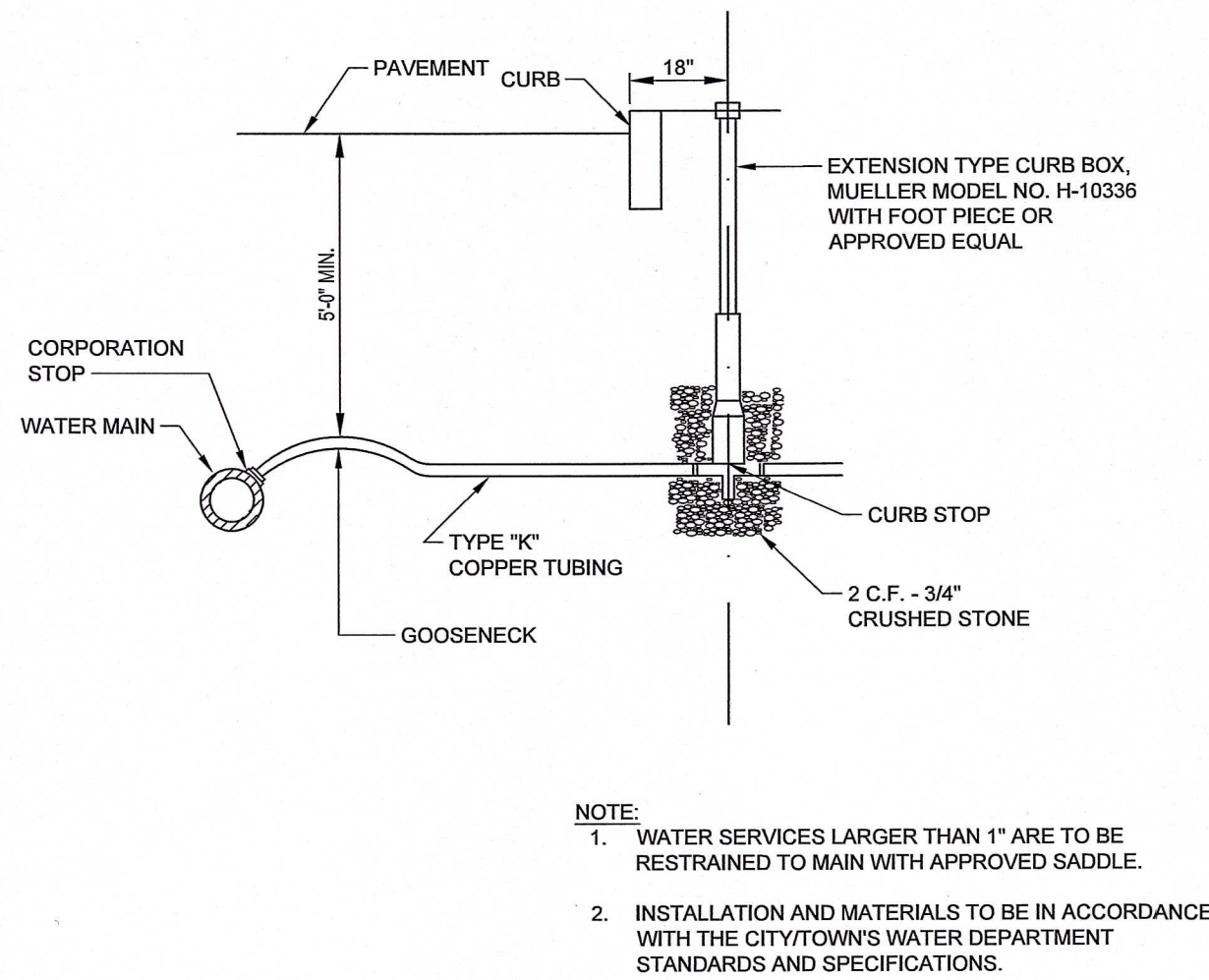
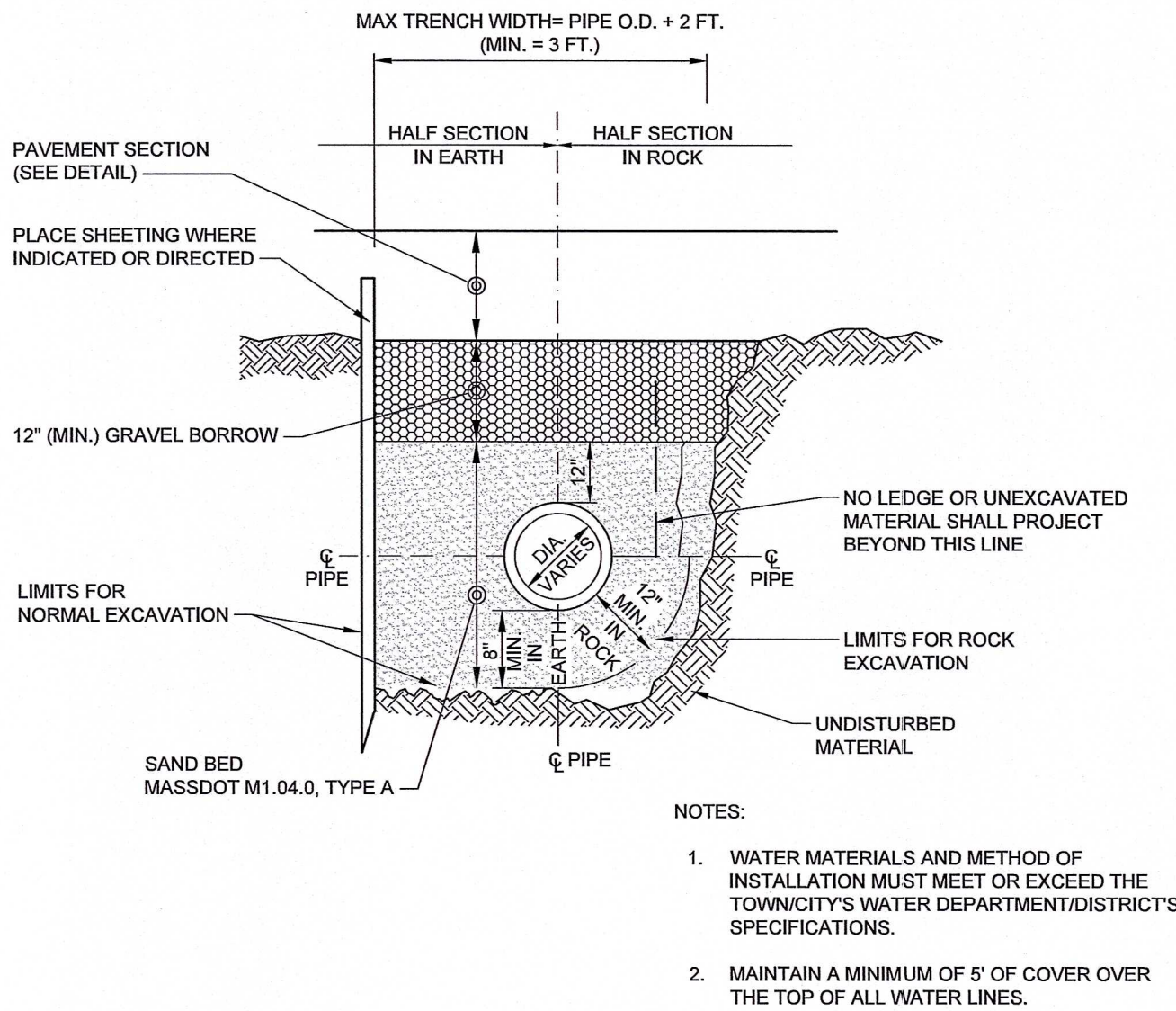


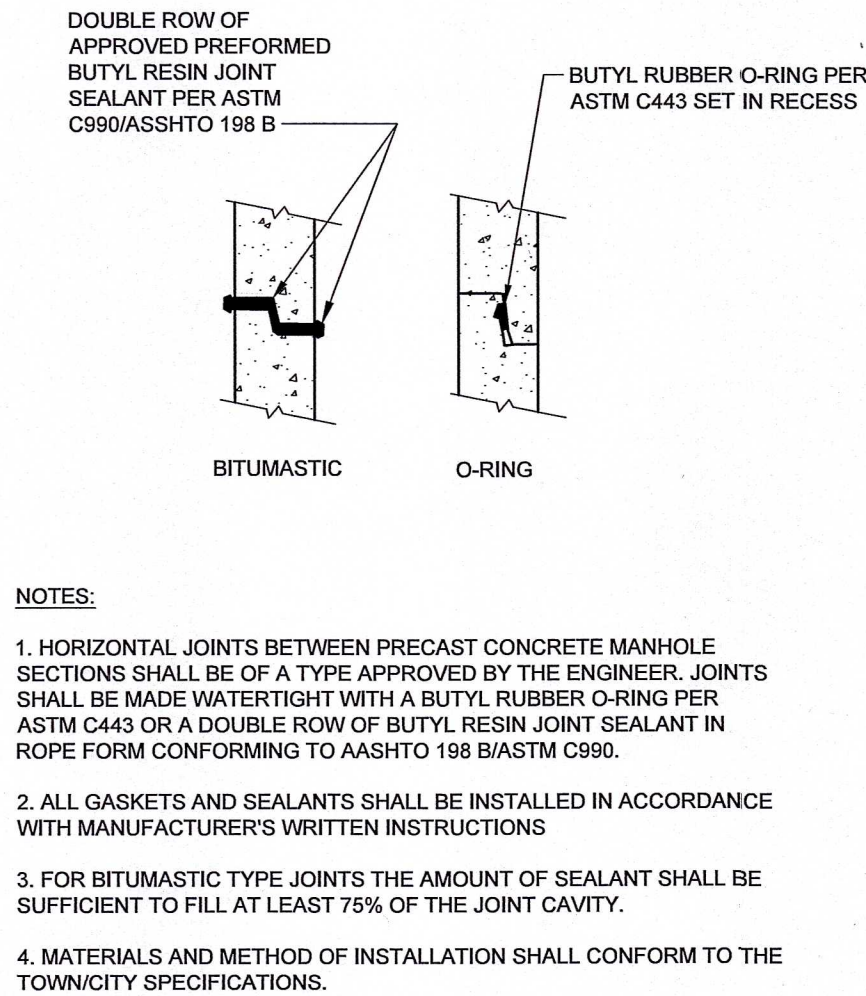
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Oct 25, 2024 - 12:39pm



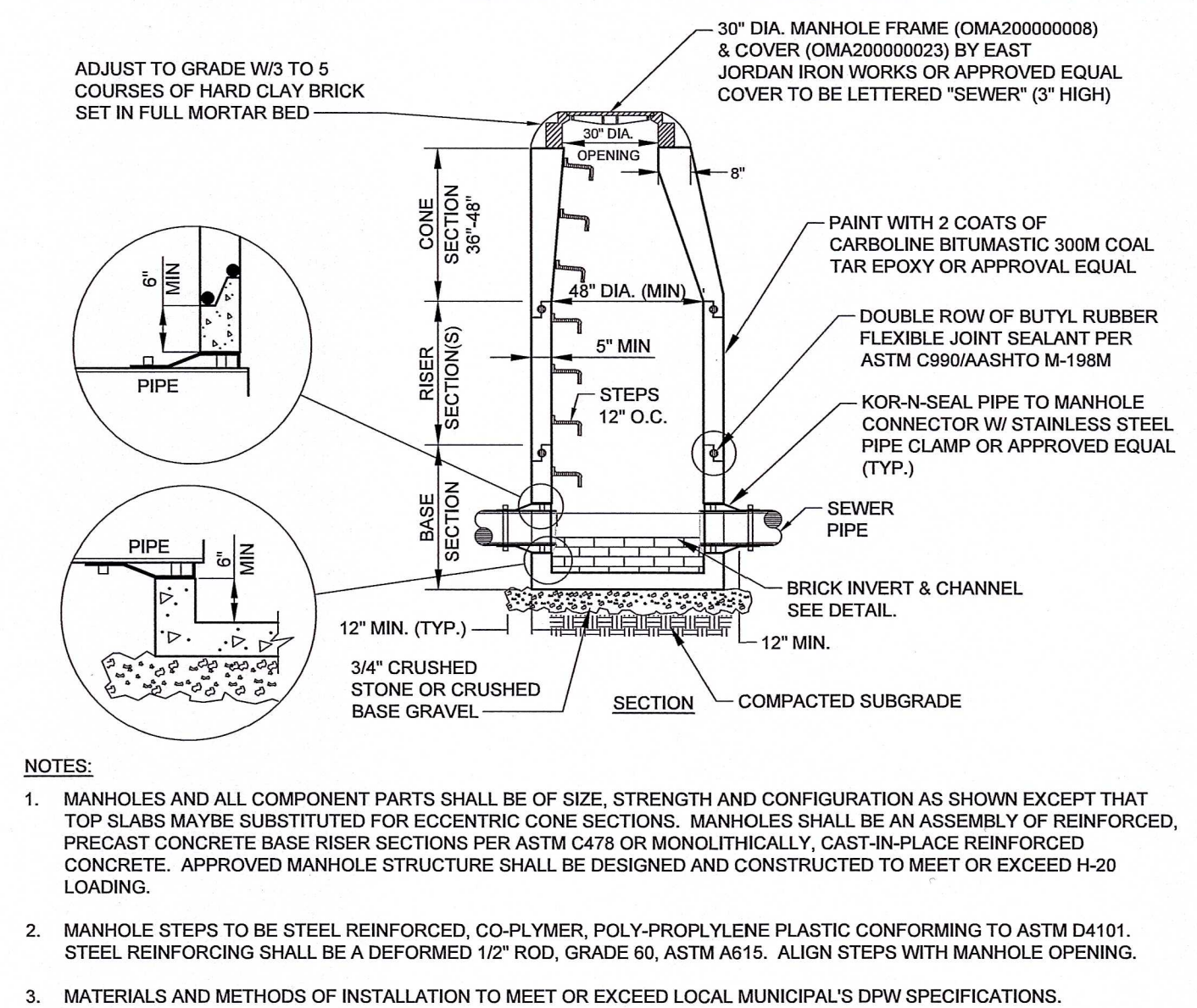
TYPICAL WATER SERVICE CONNECTION DETAIL
SCALE: N.T.S.



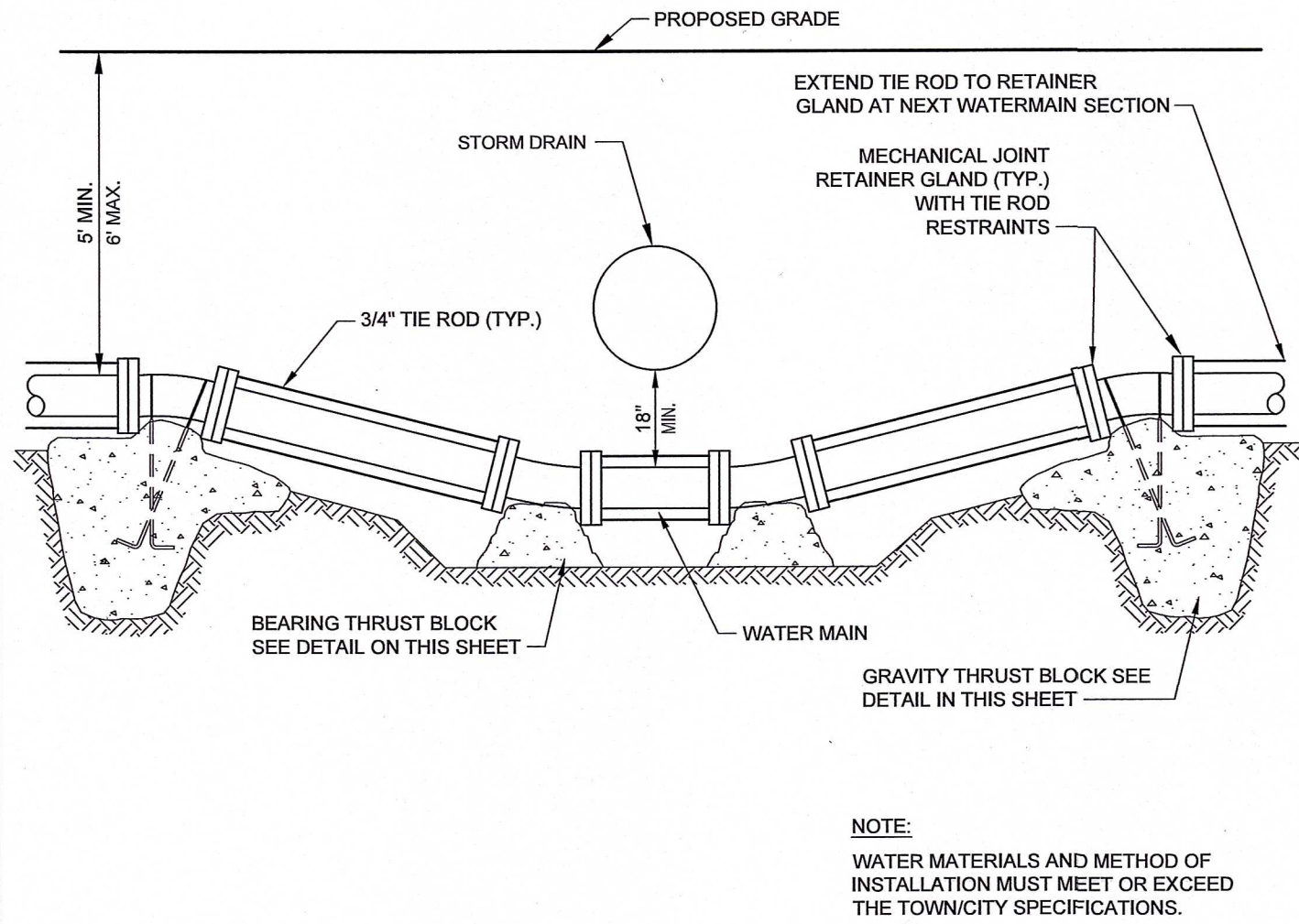
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SCALE: N.T.S.



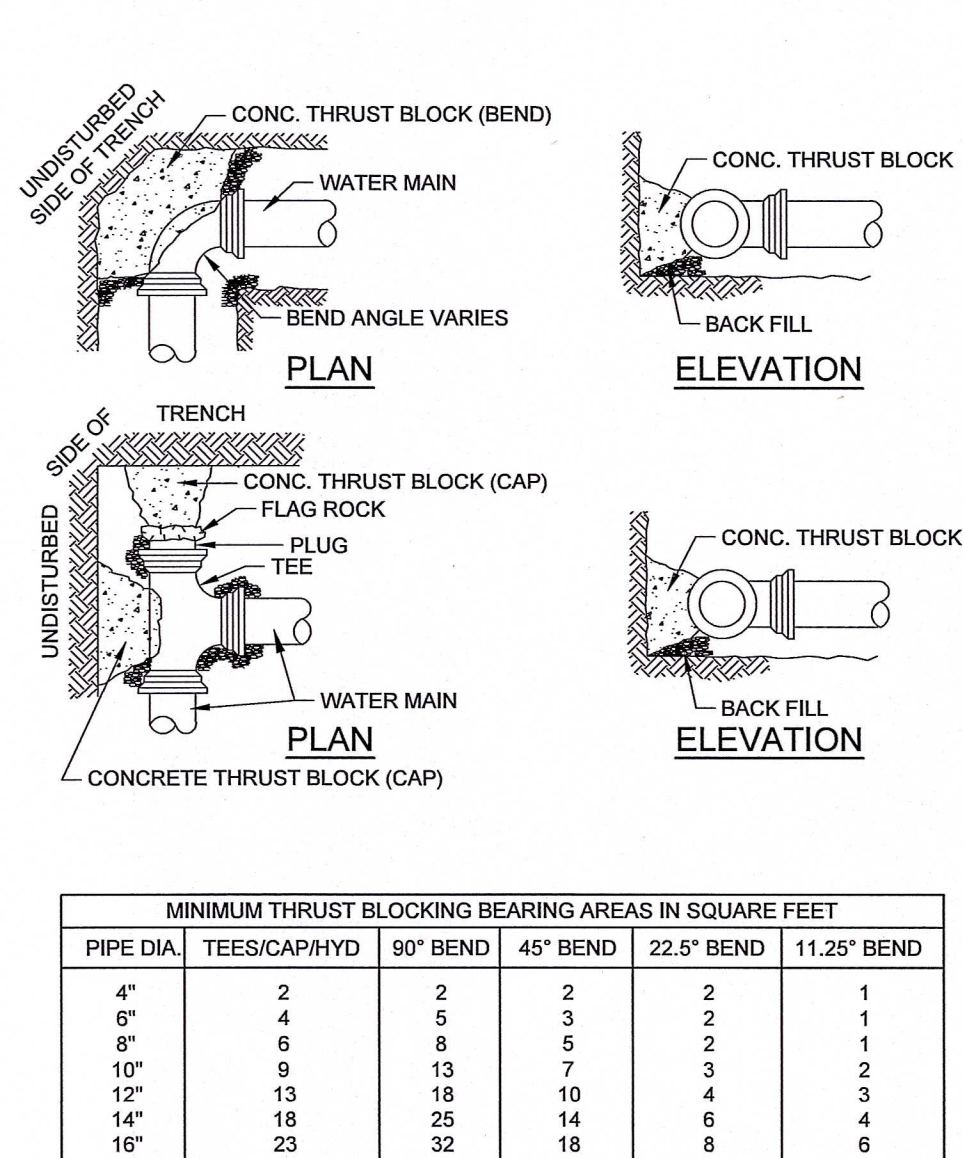
SEWER MANHOLE JOINTING METHODS
SCALE: N.T.S.



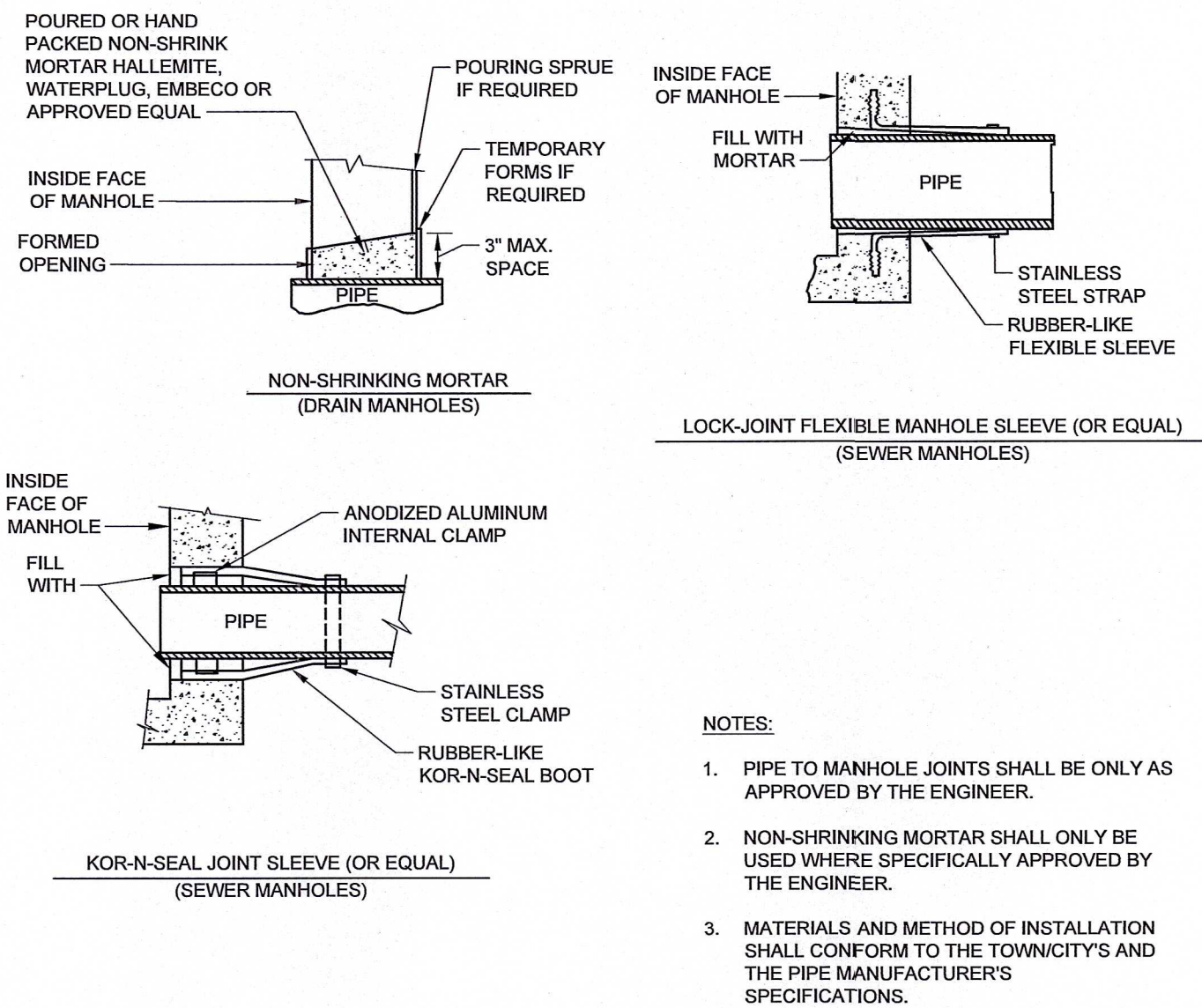
PRECAST CONC. SEWER MANHOLE (SMH) WITH BRICK INVERT
SCALE: N.T.S.



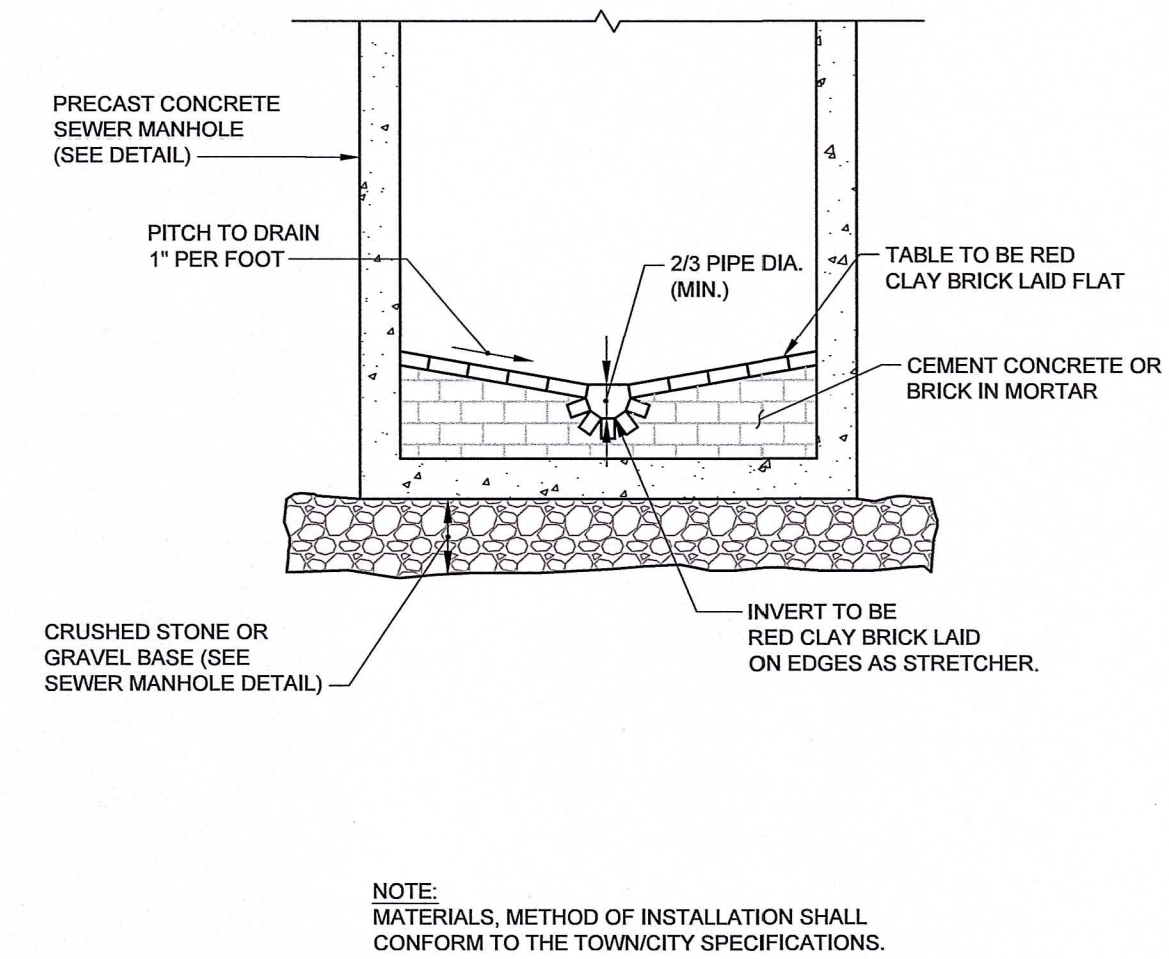
TYPICAL WATER MAIN OFFSET DETAIL
SCALE: N.T.S.



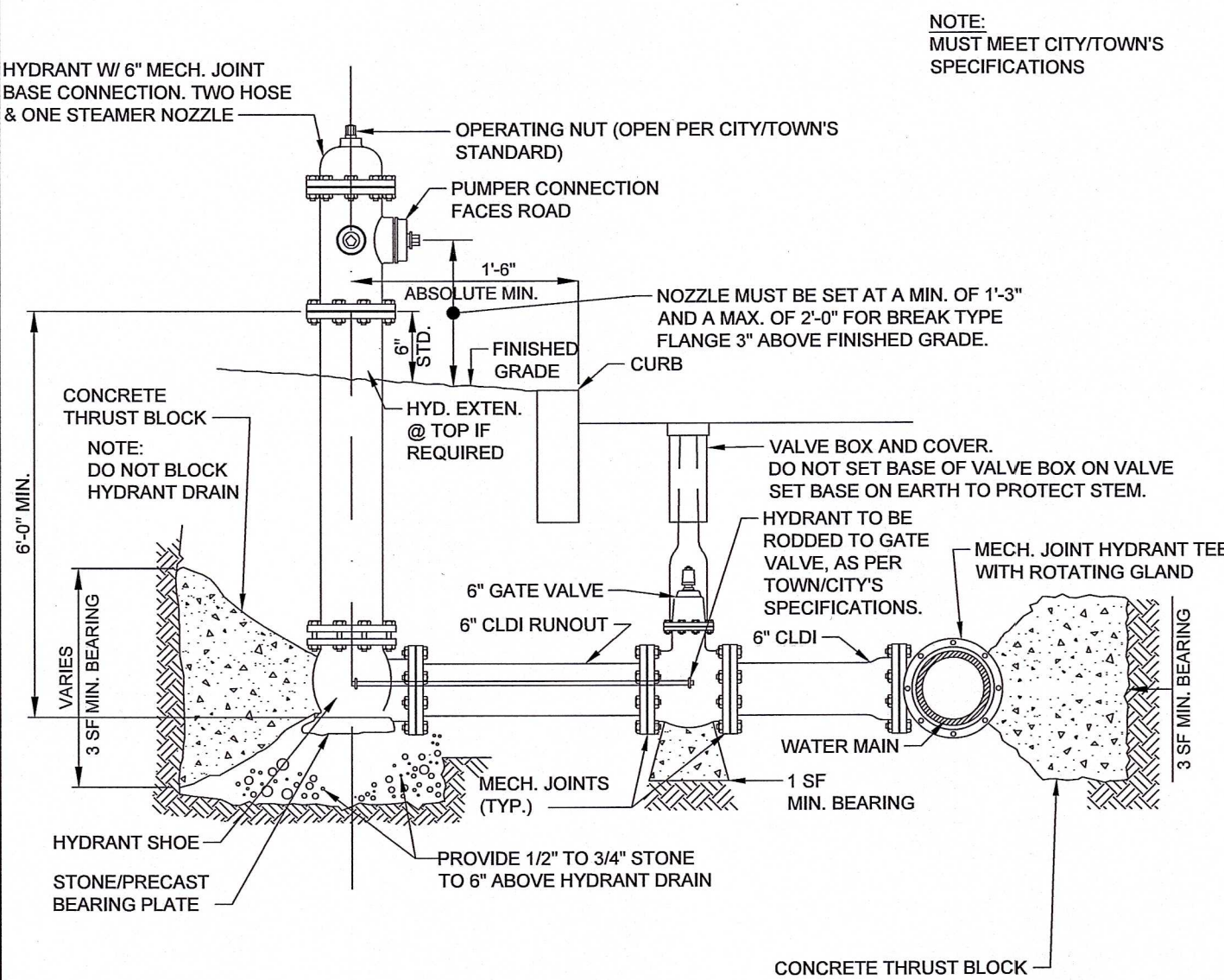
TYPICAL THRUST BLOCK DETAIL
SCALE: N.T.S.



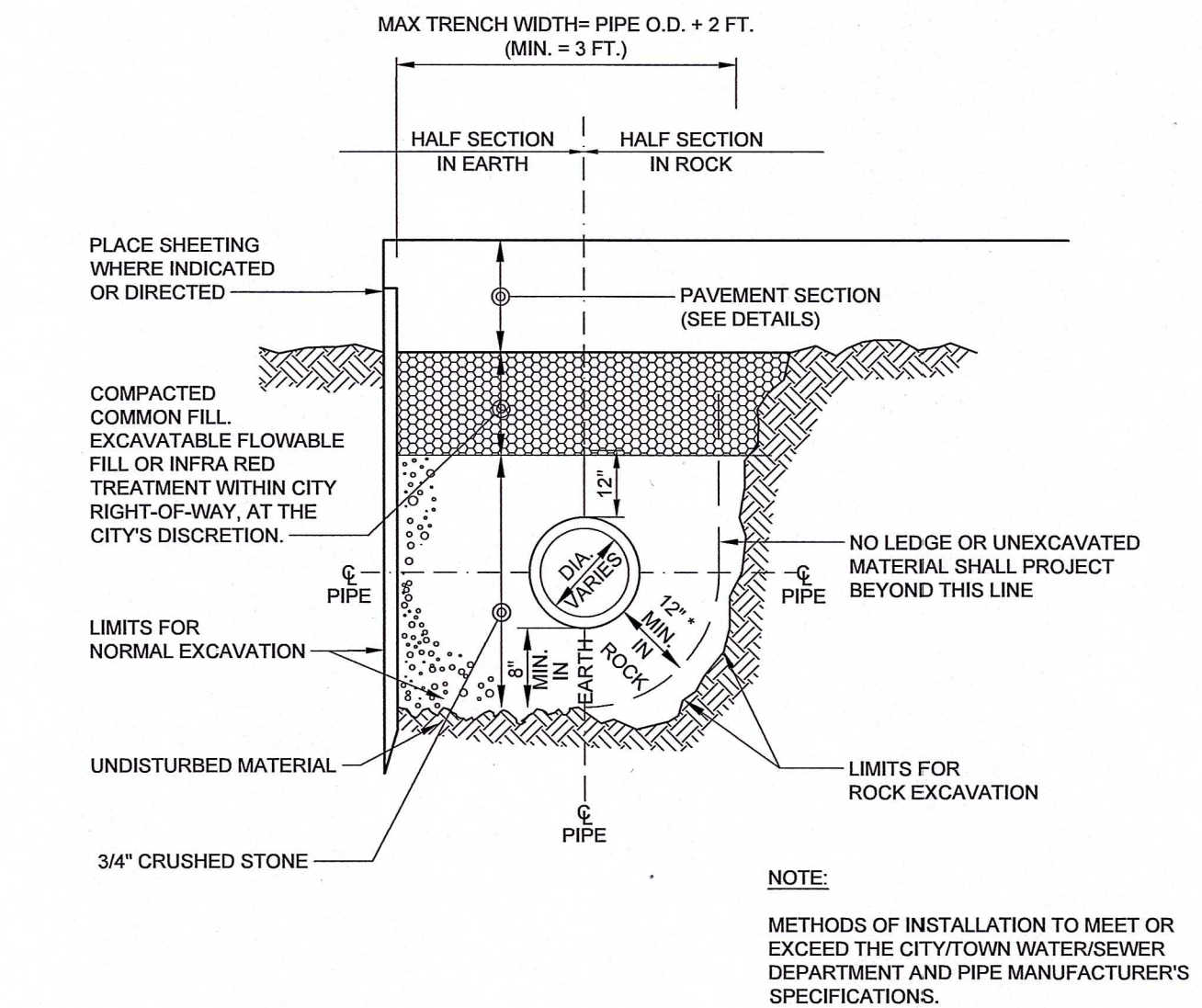
PIPE CONNECTIONS TO MANHOLE DETAIL
SCALE: N.T.S.



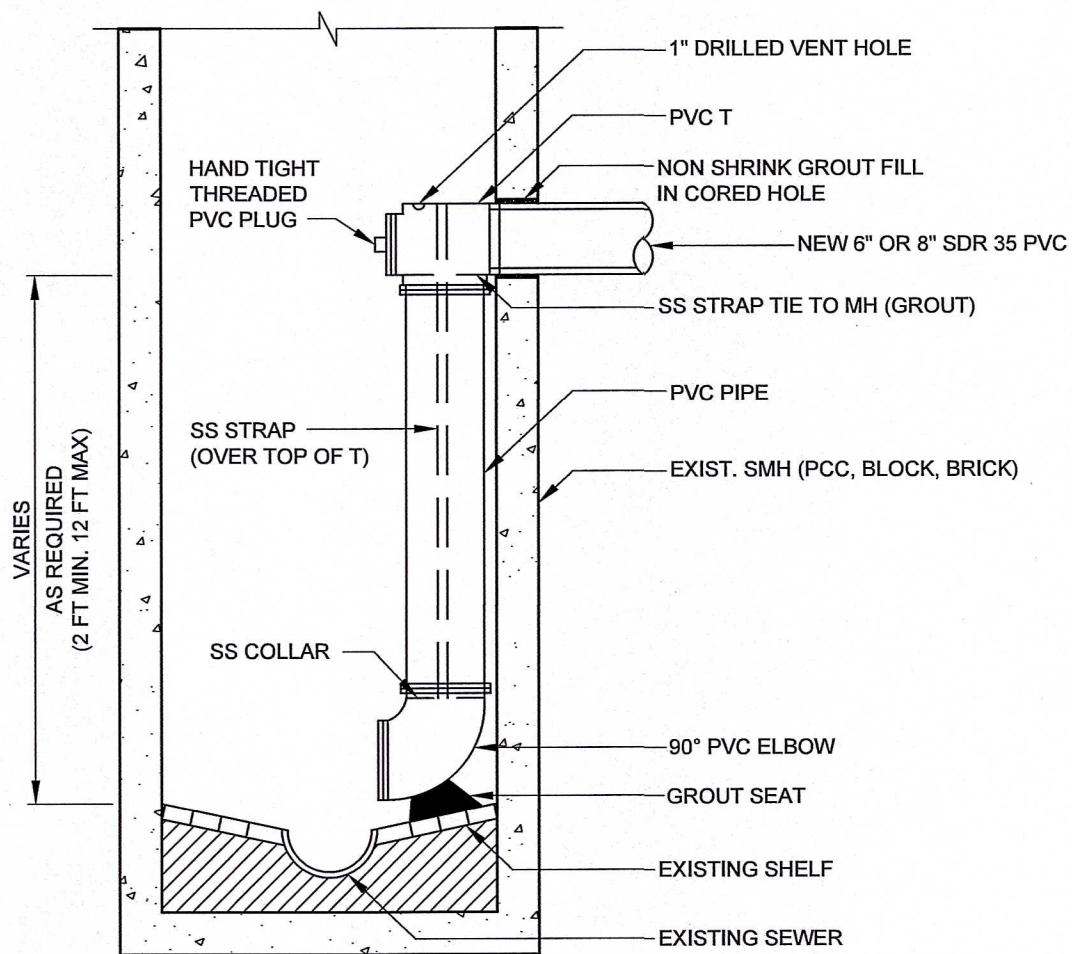
TYPICAL BRICK INVERT SECTION FOR SEWER MANHOLE
SCALE: N.T.S.



TYPICAL FIRE HYDRANT CONNECTION DETAIL
SCALE: N.T.S.



TYPICAL SEWER TRENCH DETAIL
SCALE: N.T.S.



NEW INTERIOR DROP IN EXISTING SEWER MANHOLE (SMH)
SCALE: N.T.S.

RJOC

DATE	REVISION	NO.
10/25/2024	SUBMITTED FOR SITE PLAN REVIEW (P&Z)	1.
09/25/2024	SUBMITTED TO INLAND WETLANDS COMMISSION	1.

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20 AVON MEADOW LANE
AVON, CT 06001

PROJECT NAME:

HORIZON VIEW
MONTVILLE, CT

SEAL:



DESIGNED BY: RWS
DRAWN BY: WJH
REVIEWED BY: BPD/RWS
SCALE: NOT TO SCALE
DATE: 09/25/2024
DRAWING NAME:

UTILITY DETAILS I

DRAWING NUMBER:

C-8

PROJECT NUMBER:

24029

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The image contains two technical drawings of a guide rail system. The left drawing, titled 'TYPICAL GUIDE RAIL TYPE TL-3', shows a side elevation of the rail assembly. It features a 'CORTEN STEEL W-BEAM PANEL' with a 'BLOCK STOP NAIL (TYP.) SEE NOTE 3' and a '5/8" X 18" HOT DIPPED GALVANIZED BUTTON-HEAD BOLTS WITH WASHERS AND HEX NUTS PER ASTM A153 AND A307'. The rail is supported by a 'TIMBER OFFSET BLOCK' and a '6"x9" PRESSURE TREATED TIMBER POST 6'-0" LONG'. Dimensions include a total length of 2'-0" and 3'-0", a height of 2'-7 1/2", and a width of 6". The right drawing, titled 'TERMINAL SECTION', shows a cross-section of the rail end. It includes a 'RAIL BOLT' and a 'ROUND END UNIT'. Dimensions include a height of 1'-0" and a width of 2'-0". A note indicates '15/16" X 1/8" SLOTTED HOLES (4 REQ'D). USE SPURCE BOLTS TYP.'.

TYPICAL GUIDE RAIL TYPE TL-3

TERMINAL SECTION

- TYPICAL GUARD RAIL TYPE TL-3 (W-BEAM, STEEL POST)
SCALE: N.T.S.

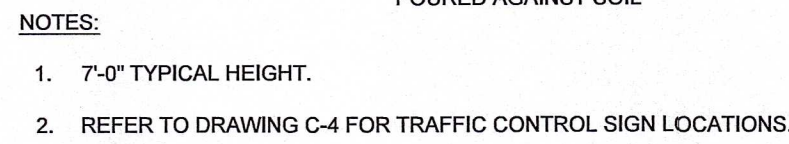


Diagram illustrating the dimensions and specifications for a stop sign:

- PAINTED WHITE LINE:** Indicated by an arrow pointing to the top and side borders of the sign.
- WHITE PAINTED LETTERS:** Indicated by an arrow pointing to the letters "STOP".
- Dimensions:**
 - Top Border:** 12" MIN.
 - Left Border:** 4"
 - Letter "S" Width:** 8" ± TYP
 - Letter "T" Width:** 1'-4" ± TYP
 - Letter "O" Width:** 1'-4" ± TYP
 - Letter "P" Width:** 8" ± TYP
 - Bottom Border:** 7'-4" ±
 - Right Border:** 8" ± TYP

TYPICAL PAINTED "STOP" DETAIL
SCALE: N.T.S.

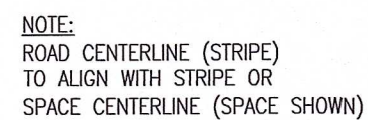


Figure 1: Typical cross-section of a concrete curb and gutter. The diagram shows a cross-section of a curb and gutter assembly. The curb is 6 inches high and 2 inches wide. It is constructed with a concrete base, a bituminous binder course, and a bituminous top course. The gutter is 6 inches deep and 2 inches wide. The gutter is filled with a porous material, labeled 'POROUS'.

6x6 - W2.9 X W2.9
WELDED WIRE FABRIC

BROOM FINISHED
AIR-ENTRAINED, 4,000 PSI,
3/4", Ø10, TYPE II
CEMENT CONCRETE

2-#4 BARS
CONTINUOUS

6" MIN.

3"

12"

1"

2'-0"

COMPACTED GRAVEL BORROW (M1.03.0 TYPE C)

COMPACTED SUBGRADE TO BE PREPARED
PER GEOTECHNICAL ENGINEER RECOMMENDATIONS

This diagram shows a cross-section of a concrete slab. The slab is 6 inches thick, with a minimum thickness of 6 inches. It is made of broom finished, air-entrained, 4,000 PSI, 3/4 inch diameter, Type II cement concrete. The slab is reinforced with 6x6 welded wire fabric (W2.9 x W2.9) and 2-#4 bars. The slab is supported by a 12-inch thick layer of compacted gravel borrow (M1.03.0 Type C). The gravel borrow is supported by a compacted subgrade. The diagram also shows a 3-inch thick layer of compacted gravel borrow on top of the slab, and a 2-foot wide section of compacted gravel borrow on the right side of the slab. The subgrade is to be prepared per geotechnical engineer recommendations.

Diagram illustrating the plan view of a manhole assembly. The assembly consists of a central vertical pipe (6" x 8'-0" LONG SCHEDULE 40 STEEL PIPE FILLED WITH CONCRETE (4,000 PSI) WITH BOLLARD COVER (COLOR YELLOW) AS MANUFACTURED BY INNOPLAST OR ENGINEER APPROVED EQUAL) passing through a 24" DIA. CONCRETE FOOTING (4,000 PSI) POURED AGAINST SOIL. The footing is surrounded by COMPACTED SUBGRADE and COMPACTED GRAVEL. The assembly is located within a 4'-0" wide opening, with a 6" offset from the centerline. The footing is 3'-6" wide, and the gravel layer is 6" thick. The diagram also shows a cross-section of the building foundation (2'-0" wide) and the ground level (2'-0" high).

The diagram illustrates the layout of accessible parking spaces. It shows a series of parking spaces separated by vertical lines. The first two spaces are labeled 'VAN ACCESSIBLE SPACE' and the last two are labeled 'CAR ACCESSIBLE SPACE'. Each space contains a wheelchair symbol. The spaces are separated by diagonal hatching. Dimensions are indicated: a total width of 20' for the first two spaces, 8' (TYP.) for the width of a van accessible space, 8' for the width of a car accessible space, and 5' for the width of a car accessible space. Callouts point to specific features: 'R7-8 R7-6A' for the top edge of the first two spaces, 'R7-8' for the top edge of the last two spaces, '4" WIDE PAINTED WHITE STRIPES 1'-6" O.C. @ 45° TO PARKING STRIPES' for the diagonal hatching, 'ACCESSIBLE PARKING SYMBOL (TYP.) PAINTED ON PAVEMENT' for the wheelchair symbol, and '4" WIDE PAINTED WHITE STRIPE (TYP.)' for the vertical line between spaces.

6" LONG FENCE POST

1-1/2"

1-2"

PAVEMENT

4'-0"

(2) THRU BOLT CONNECTIONS PER POST

1/2"

1/4"

TENSION WIRE

- MONOLITHIC CONCRETE CURB AND SIDEWALK DETAIL**
SCALE: N.T.S.

PREPARED BY:

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PREPARED FOR:



HONEYCOMB
REAL ESTATE
PARTNERS

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PARKING AND TRAFFIC CONTROL DETAILS I

DRAWING NUMBER:

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