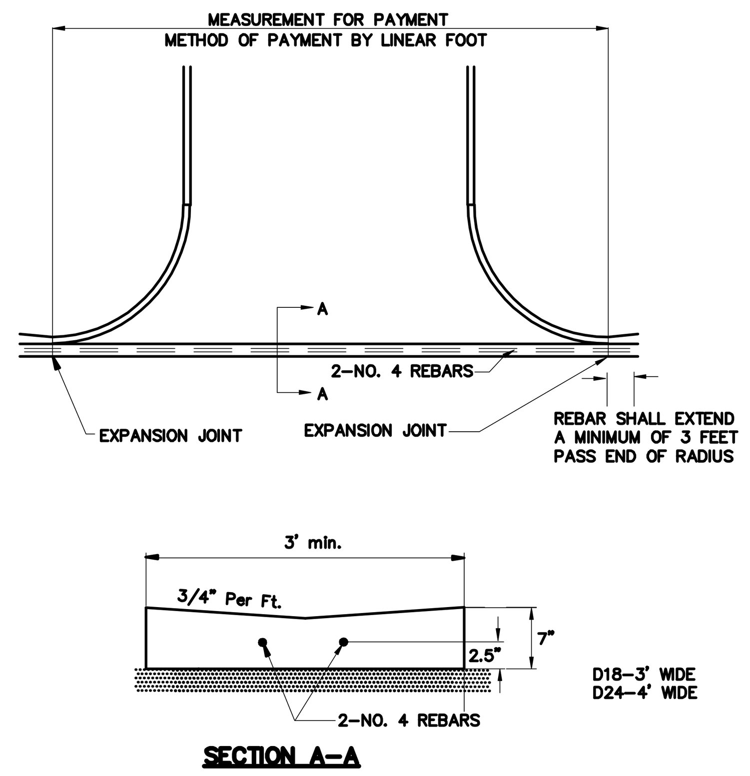


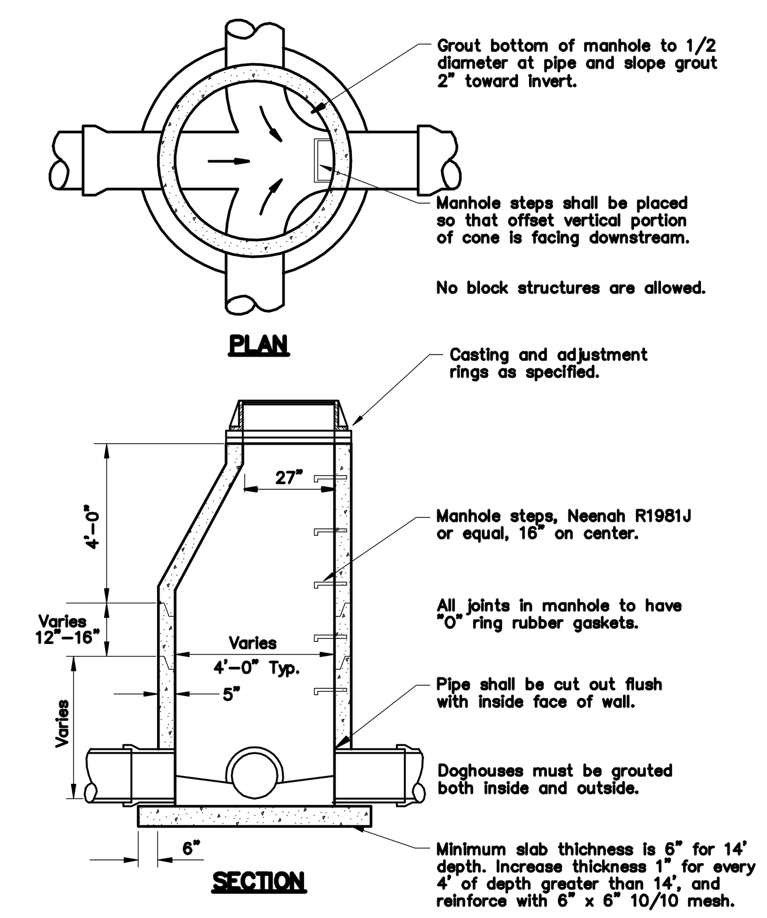
NOTE:
AT THE DISCRETION OF THE ENGINEER, CONCRETE VALLEY GUTTER WILL BE CONSIDERED FOR INTERSECTIONS WITH CROSS-GRADES LESS THAN 2%.

VALLEY GUTTER

HUDSON, WISCONSIN — PLATE NO. STR-4

Bonestroo

FEBRUARY 2010

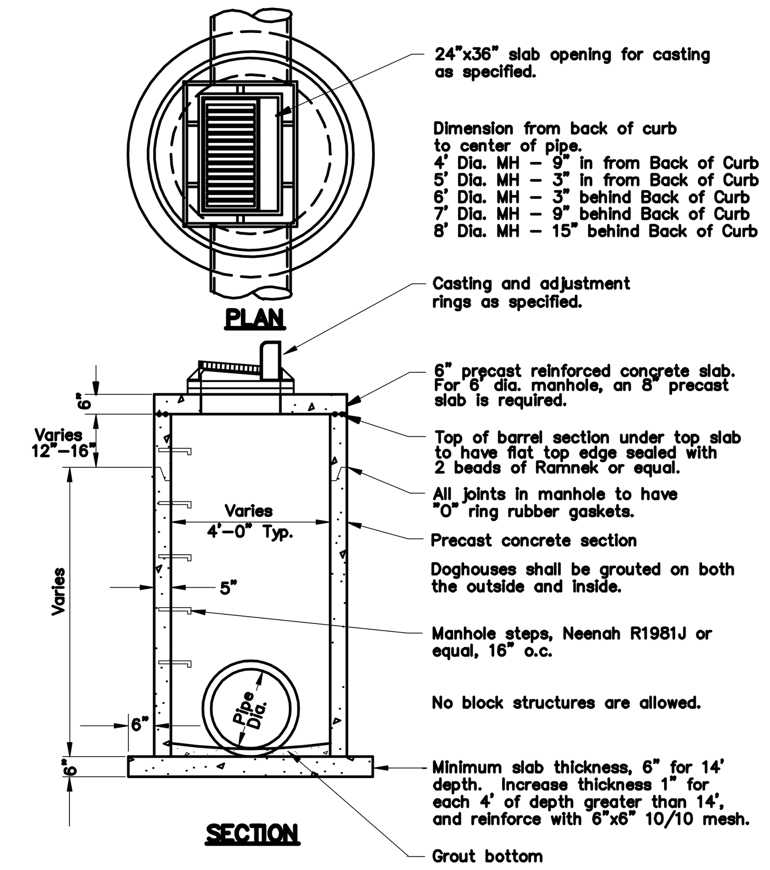


STORM SEWER JUNCTION MANHOLE

HUDSON, WISCONSIN — PLATE NO. STO-2

Bonestroo

FEBRUARY 2010

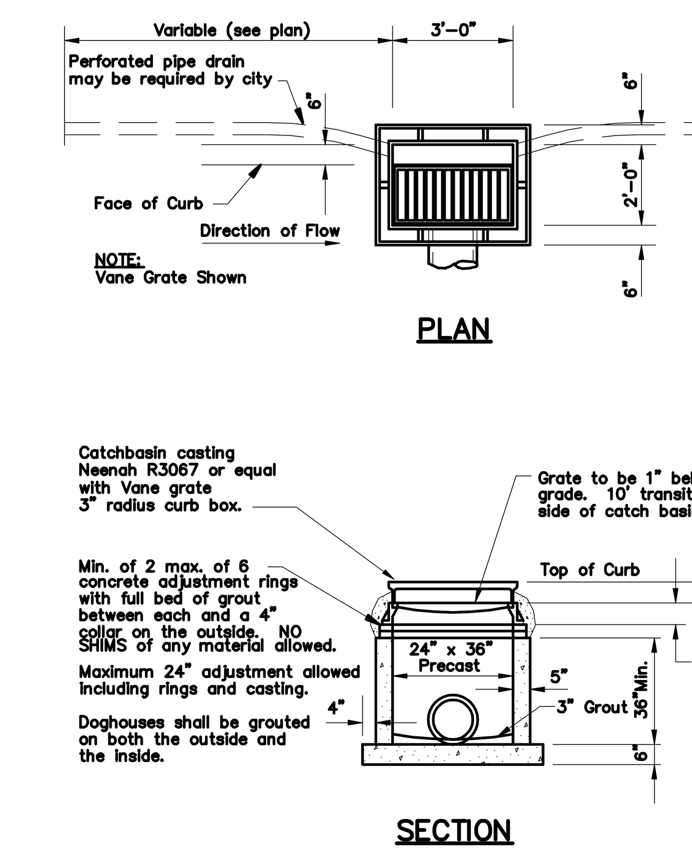


CATCH BASIN MANHOLE

HUDSON, WISCONSIN — PLATE NO. STO-3

Bonestroo

FEBRUARY 2010

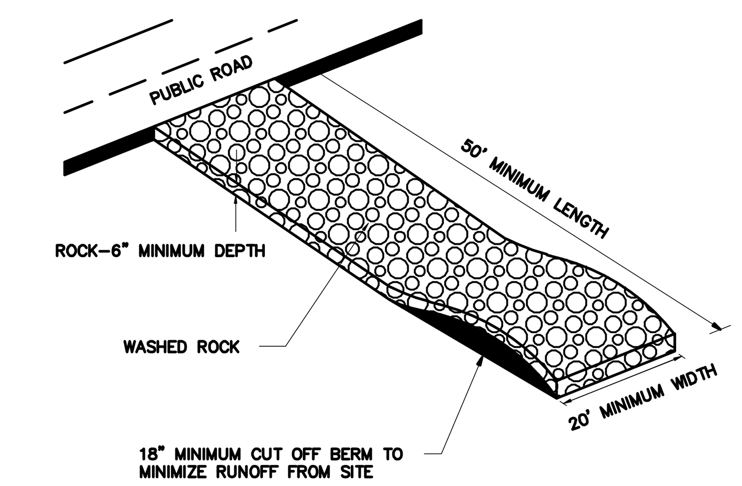


TYPE II CATCHBASIN

HUDSON, WISCONSIN — PLATE NO. STO-4

Bonestroo

FEBRUARY 2010



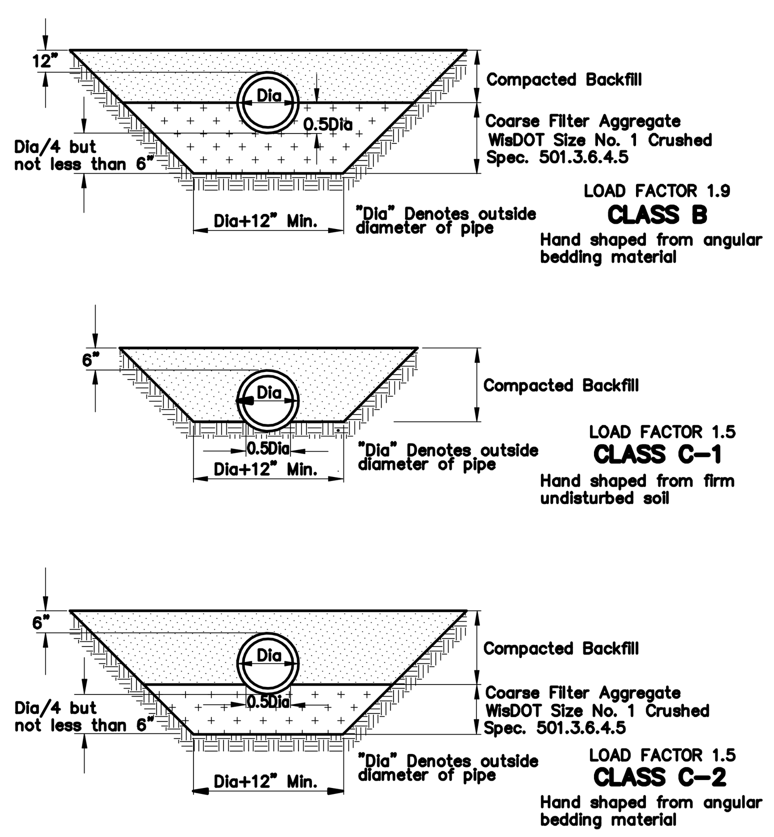
NOTES:
1. FILTER FABRIC SHALL BE PLACED UNDER ROCK TO STOP MUD MIGRATION THROUGH ROCK.
2. ENTRANCE MUST BE MAINTAINED REGULARLY TO PREVENT SEDIMENTATION ON PUBLIC ROADWAYS. FUGITIVE ROCK WILL BE REMOVED FROM ADJACENT ROADWAYS DAILY OR MORE FREQUENTLY AS NECESSARY.

ROCK CONSTRUCTION ENTRANCE

HUDSON, WISCONSIN — PLATE NO. ERO-1

Bonestroo

FEBRUARY 2010

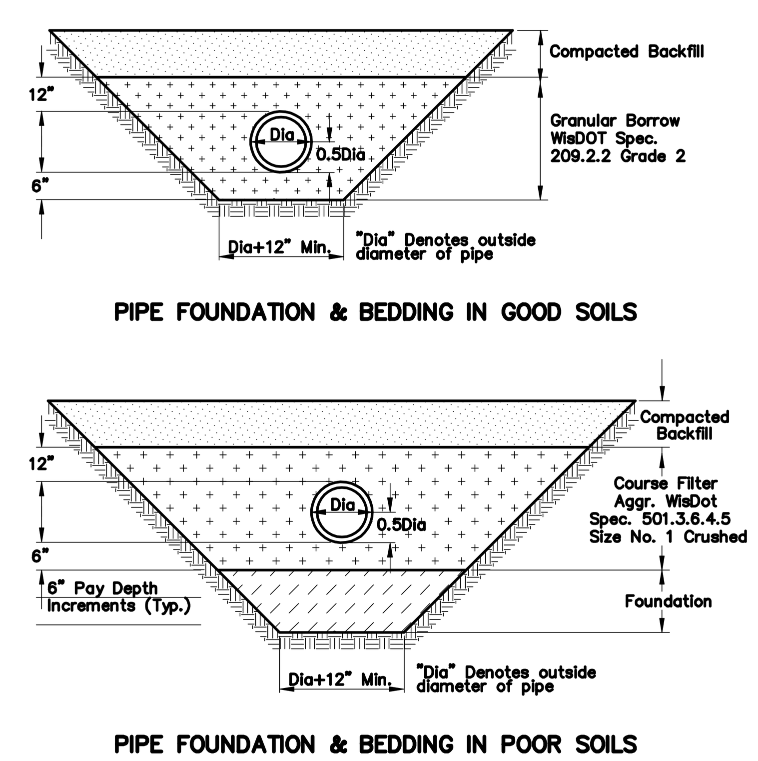


BEDDING METHODS FOR RCP, VCP AND DIP

HUDSON, WISCONSIN — PLATE NO. BED-1

Bonestroo

FEBRUARY 2010

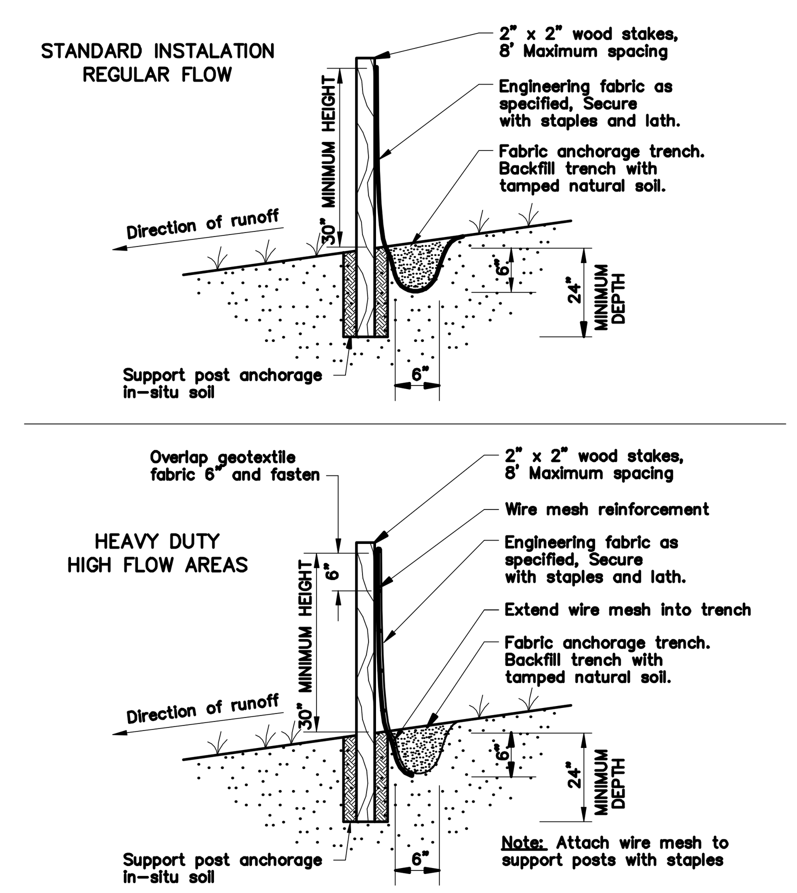


BEDDING METHODS FOR PVC

HUDSON, WISCONSIN — PLATE NO. BED-2

Bonestroo

FEBRUARY 2010

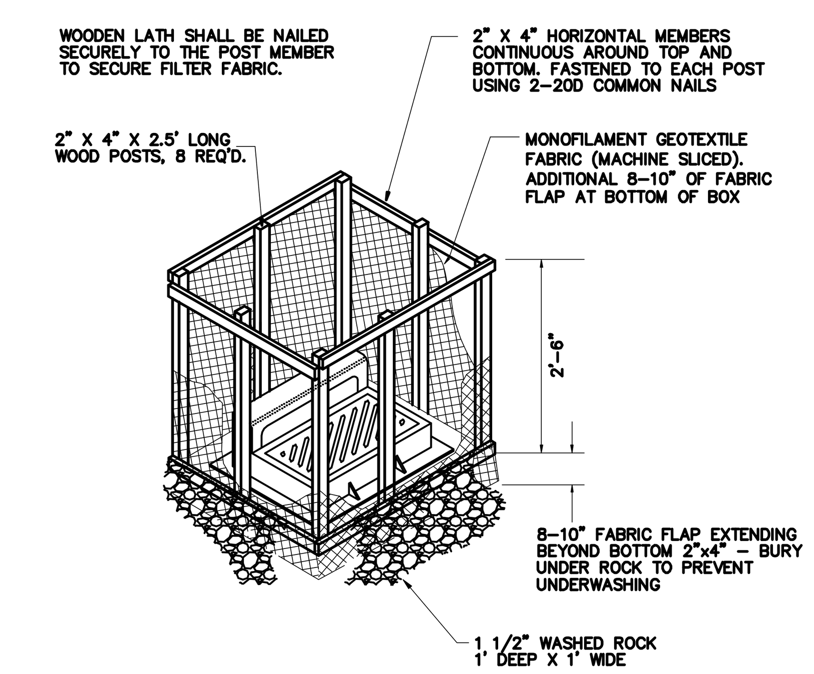


SILTATION FENCE

HUDSON, WISCONSIN — PLATE NO. ERO-2

Bonestroo

FEBRUARY 2010



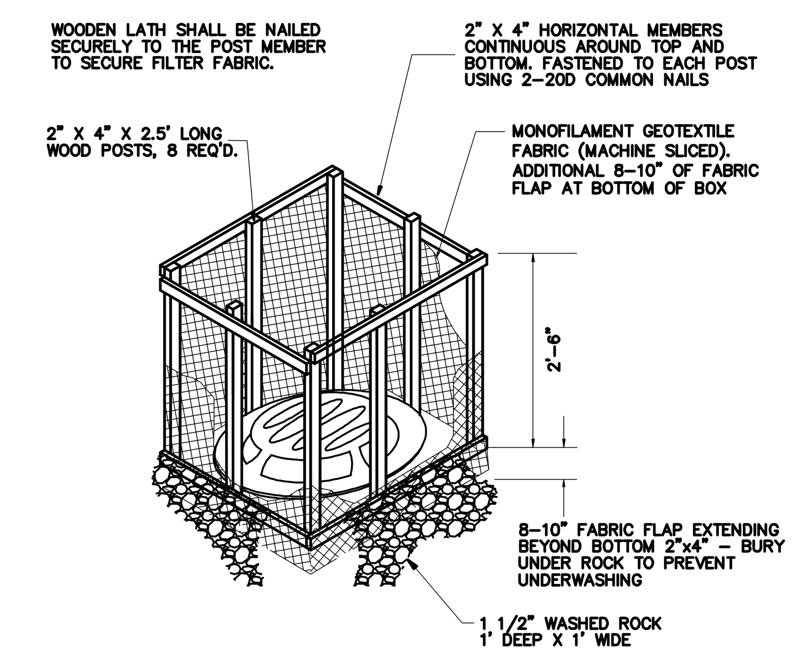
NOTES:
CONTRACTOR SHALL CONSTRUCT SILT BOX TO FIT AROUND THE INLET STRUCTURE WITH 6" MINIMUM CLEARANCE TO EDGES OF STRUCTURE. SILT BOX TO BE PLACED ON AN EVEN SURFACE 6" BELOW STRUCTURE OPENING. TOP OF SILT BOX TO EXTEND 18" MINIMUM ABOVE EXISTING GRADE.

INLET PROTECTION FOR CATCH BASIN

HUDSON, WISCONSIN — PLATE NO. ERO-3

Bonestroo

FEBRUARY 2010



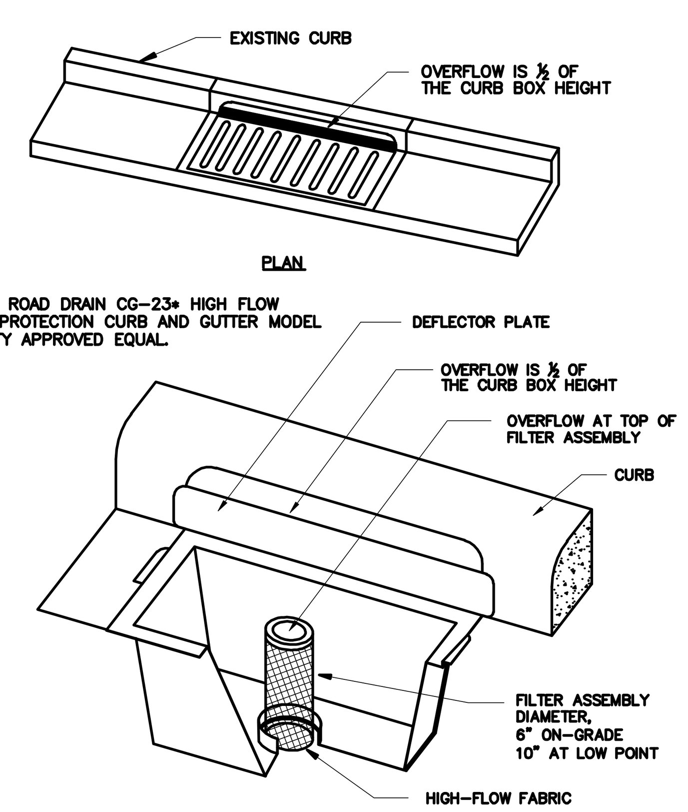
NOTES:
CONTRACTOR SHALL CONSTRUCT SILT BOX TO FIT AROUND THE INLET STRUCTURE WITH 6" MINIMUM CLEARANCE TO EDGES OF STRUCTURE. SILT BOX TO BE PLACED ON AN EVEN SURFACE 6" BELOW STRUCTURE OPENING. TOP OF SILT BOX TO EXTEND 18" MINIMUM ABOVE EXISTING GRADE.

INLET PROTECTION FOR BEEHIVE CATCH BASIN

HUDSON, WISCONSIN — PLATE NO. ERO-4

Bonestroo

FEBRUARY 2010



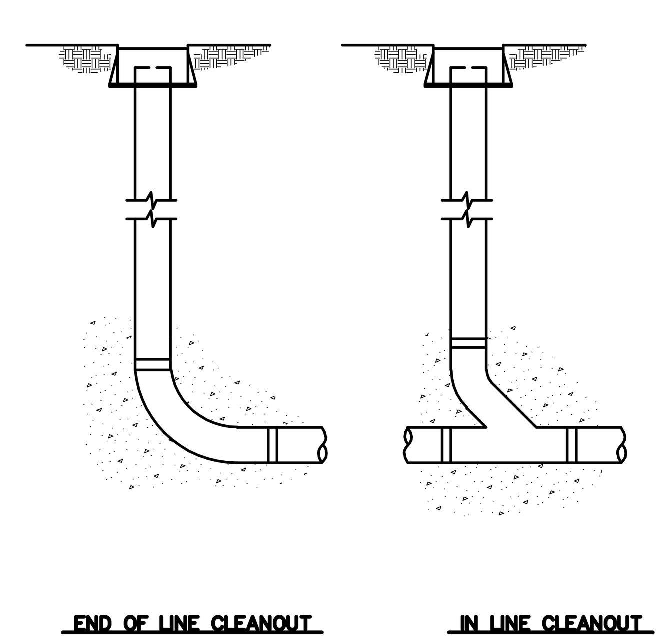
* FOR THE NEW R-3290-VB STANDARD CASTING, INSTALL WIMCO ROAD DRAIN CG-3290 OR CITY APPROVED EQUAL.

CATCH BASIN INLET PROTECTION FOR AFTER PAVING

HUDSON, WISCONSIN — PLATE NO. ERO-6

Bonestroo

FEBRUARY 2010

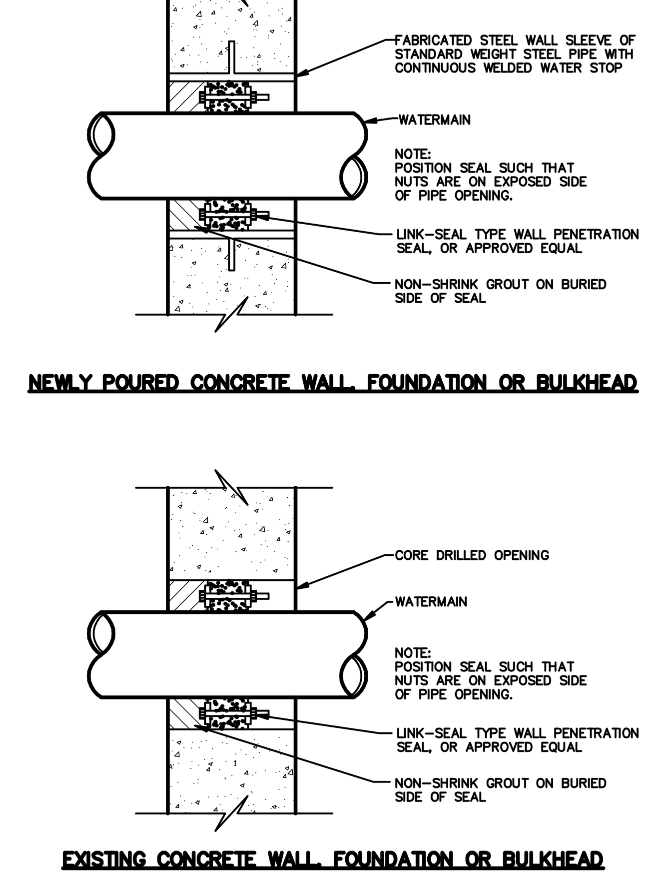


SERVICE LINE CLEANOUTS

HUDSON, WISCONSIN — PLATE NO. SER-3

Bonestroo

FEBRUARY 2010

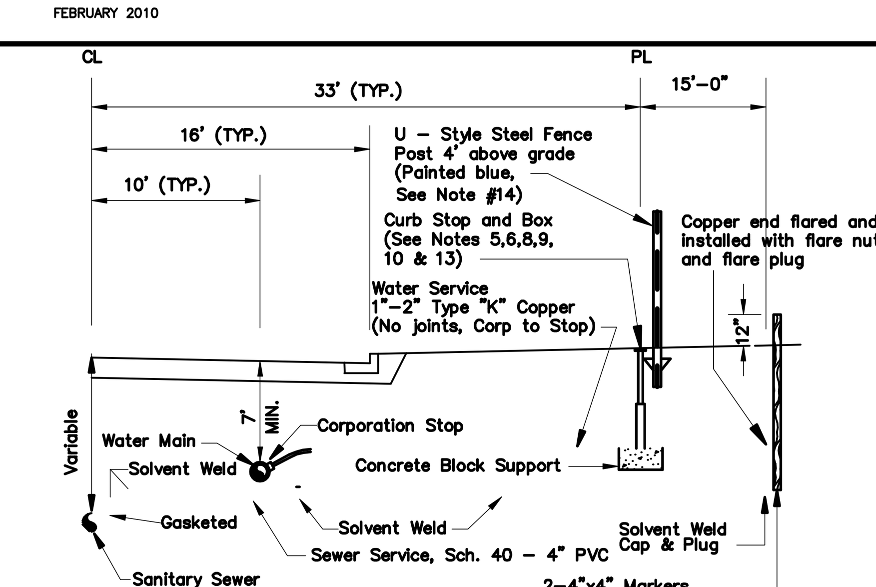


WATERMAIN PENETRATION OF WALL, FOUNDATION OR BULK HEAD

HUDSON, WISCONSIN — PLATE NO. WAT-7

Bonestroo

FEBRUARY 2010

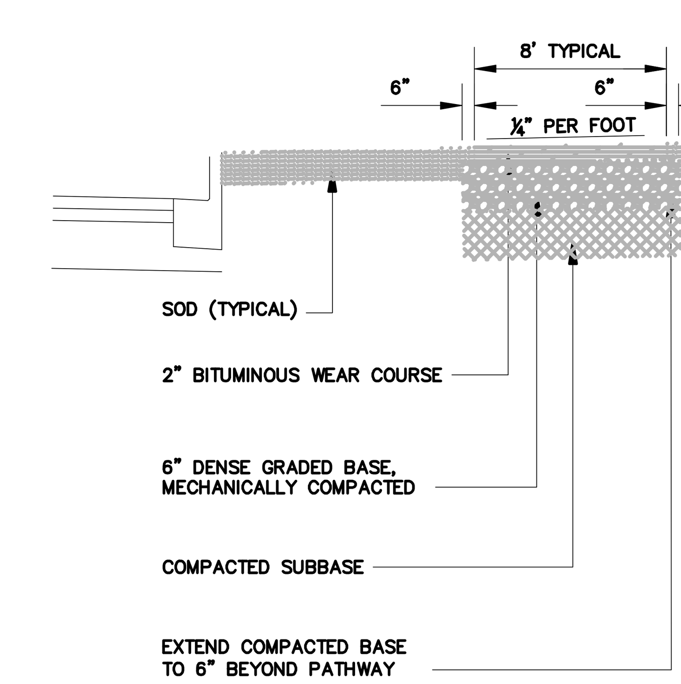


NOTES:
1. Sewer services, Schedule 40 – 4" and 6" PVC.
2. Slope – 1/4" per foot minimum (reference to proposed house pad assuring gravity flow to proposed building or house) Contractor to supply exact end of service elevation & location.
3. Pipe joints and fittings after wye branch shall be non gasketed, solvent weld type.
4. All pipe shall be bedded in granular borrow 209.2.2 Grade 1 or course filter aggregate (501.3.6.4.5 Size No. 1 crushed)
5. Curb box shall extend from 78" to 90" and installed to be adjustable 6" up and down from finished grade.
6. Adjust Curb Box to 1" below finish grade.
7. 1-1/2" and 2" taps (and any size taps in 4" D.I.P.) shall be installed with double strap tapping service saddle, FORD style F202 (with AWWA CC threads) or approved equal.
8. All curb stops and corporation stops shall be in the open position during the pressure test.
9. Corporation Stop (AWWA CC Threads):
Mueller 300 Ball B25000, B25028 or approved equal.
Curb Stop:
Mueller 300 Ball B25154, B25155 or approved equal.
Curb Box (Minneapolis Pattern):
1" Service – Mueller H10300 (1-1/4" upper section) or approved equal.
1-1/2" & 2" Services – Mueller H10302 (1-1/2" upper section) or approved equal.
10. Curb boxes in bituminous or concrete shall be installed utilizing Valvco Casting SC40(with WATER lid), or approved equal.
11. Service fitting couplings utilized from curb stop to building shall be Mueller H-15400, H-15430, or approved equal.
12. Water service shall be tapped with water main under presure, and located in upper quadrant of main (2:00 o'clock or 10:00 o'clock), or location approved by the City Engineer. Threads shall be double wrapped with teflon tape prior to installation. Tapping bit shall be inspected and approved by the City Engineer.
13. Curb box shall be located at property line. For private street/drives, curb box location shall be a maximum of 15' behind curb or edge of pavement, and no closer than 10' from edge of building. No curb box shall be located in curb and gutter or closer than 12" to lip of gutter.
14. Curb boxes located in unimproved right-of-ways and easements shall be marked with U-style steel post 4' above grade with blue metal sign labeled "CS" in white letters per detail WAT-12.

SEWER AND WATER SERVICE CONNECTIONS

HUDSON, WISCONSIN — PLATE NO. SER-5

Bonestroo



TYPICAL BITUMINOUS PATHWAY

HUDSON, WISCONSIN — PLATE NO. STR-15

Bonestroo

FEBRUARY 2010

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ROSEVILLE, MN 55113 FAX (651)697-0804
REVISION: 0

WISCONSIN BRENT L. MASSEY E-39561-00 BENTONVILLE, AR PROFESSIONAL ENGINEER

NO.	DATE	BY	DESCRIPTION
3	7/28/11	SD	ISSUE FOR CONSTRUCTION
2	7/28/11	SD	OWNER COMMENT REVISIONS
1	7/7/11	AC	OWNER COMMENT REVISIONS
2	6/22/11	AC	ISSUE FOR PERMIT & WAG CHECKLIST
1	6/13/11	SD	ISSUE FOR CLIENT REVIEW

REVISIONS

CITY DETAILS

STORE NUMBER #15121

WALGREENS
141 CARMICHAEL ROAD
HUDSON, WISCONSIN

CADD PLOT: FILENAME
DRAWN BY: B.SCHULZ
DATE: [illegible]
REVIEWED: A.ORTLOFF

C1.9