

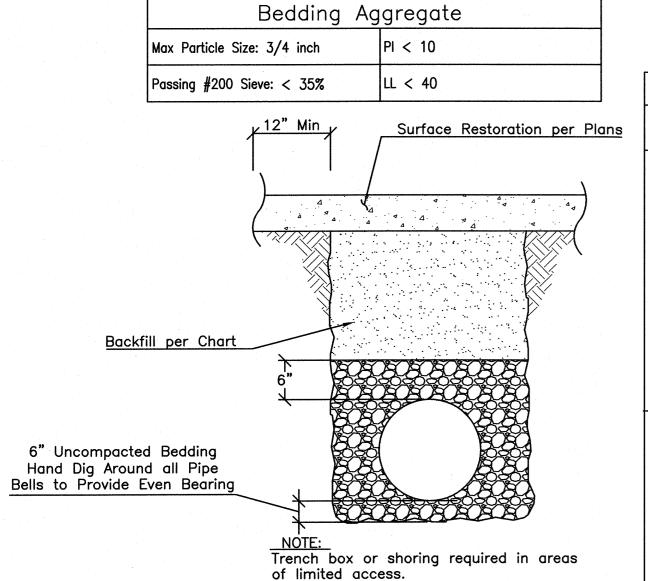
CULVERT INLET SEDIMENT TRAP

C507

MANHOLE WALL CONNECTIONS

#5 @ 12" O.C.
Top & Bottom

Each Face

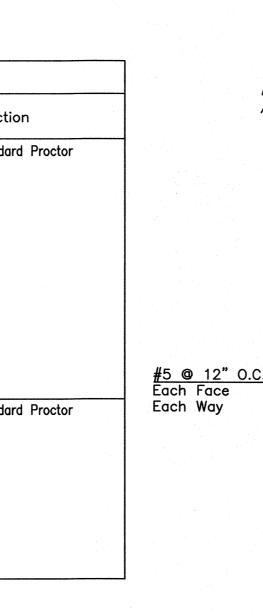


N.T.S.

C507 N.T.S.

	BACKFILL	
Trench Location	Requirement	Compaction
Paved areas within street or alley right of way	Trenches 24" on less in width: Type A flowable fill Trenches 24"-48" wide: Type A flowable fill or dense, well-graded aggregate base material. Aggregate base material shall meet the requirements for MoDOT Types 1 or 5, or APWA 2202.2 Trenches greater than 48" wide: Suitable material as specified for earth embankment in APWA Standard Specifications, Section 2102.2.C	95% Standard Proctor
Lawn	Suitable material as specified for earth embankment in APWA Standard Specifications, Section 2102.2.C Suitable backfill material may also be other trench backfill material (flowable fill or aggregate base) depending on site conditions, trench widths, or at the direction of the City's on—site Inspector.	90% Standard Proctor

METHOD OF BEDDING PIPE



#5 Bent Bar Each Corner Min. 30" Each Way Embedment **KEYNOTES:** (A) 2'x2' Bilco Hatch MH STEPS AT 16" SPACING 3" METER PROVIDED BY CITY 3" BYPASS LINE 3" SIDE OPENING 90° BEND 3" X 90° BEND 3" GATE VALVE CONCRETE BLOCK PIPE SUPPORT

#4 Diagonal Bars
© Openings

C.O. Lid & Frame Neenah R-1976 (or Equal) - Finished Grade - 2'x2'x8" Concrete Pad 1-45° Long -Radius Bends 3/4" Clean Crushed Rock TYPICAL CLEANOUT C507

Notes:

1. Meter vault walls to be poured or precast concrete. Meter vault roof to be reinforced concrete. If structure is precast, reinforced walls and slabs are to be designed by the precast 2. A minimum of 18" clearance shall be provided around all piping, valves, appurtenances, etc. 3. The top of meter shall be 14—18 inches below the vault lid.

C507

#5 Bent Bar Each Corner Min 30" Embedment

SECTION AA

3" METER VAULT

DATE 09/15/2016 JOB NO. 80816033 DRAWN BY: GRK

F 573-814-1128 MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253 EXPIRES: DECEMBER 31, 2016 KEENAN SIMON NUMBER

ENGINEERING CO.

building strong communities

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Columbia, MO 65202

P 573-814-1568

09/15/2016 Keenan Simon MO-2016017682 Expires: 12-31-2016

DRAWING RELEASE LOG

● 03.04.2016 - PDP SUBMITTAL ● 06.09.2016 - FDP SUBMITTAL

• 07.01.2016 - 80% PROGRESS SET ● 07.15.2016 - PERMIT SUBMITTAL

> • 08.05.2016 - BID SET • 09.15.2016 - BID SET

REVISIONS

SHEET NO. **DETAILS**