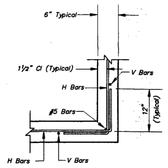
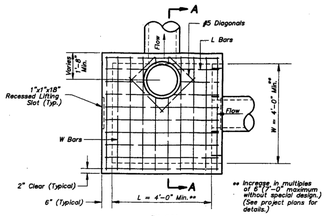


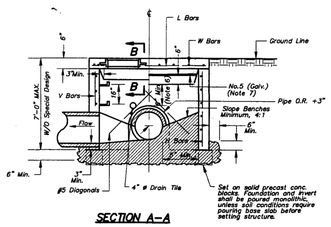
CORNER DETAIL



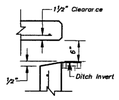
PLAN

GENERAL NOTES:

1. Locate ring and cover over outlet.
2. All work and materials shall conform to APWA Sect. 2600.
3. Use ¾" chamfer strip on all exposed concrete corners.
4. Steps required at 16" O.C. when depth from top of casting to invert exceeds 4'.
5. Boxouts will not be allowed to project through the corners of the structure.
6. The minimum reinforcing shall be 1 H-bar over a cast-in place pipe and 2 H-bars over a precast boxout.
7. Limit opening height to 6" with No. 5 galvanized bars extending to corner rebars.
8. Show field inlet orientation on plans plus number and size of openings.
9. O.R. = outside pipe radius
10. Ring & Cover to be Neenah R-1537, Clay & Bailey #2020, Deeter #2016, or approved equal. (Casting may vary by municipality, refer to plans & contract documents.)
11. 4" ø field tile or precast hole shall be located at entering pipe and in the front face sump points. These tiles or openings shall be capped with ¼" galvanized wire mesh on the outside of the inlet and clear the invert and base concrete.



SECTION A–A



SECTION B–B

REINFORCING

BARS	BAR SIZE	SPACING (IN.)
H	4	12
V	4	12
L	5	6
W	5	6

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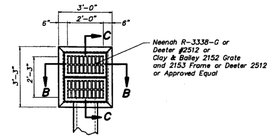
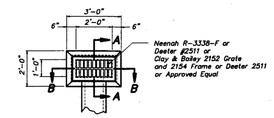
FIELD INLET DETAILS
STANDARD DRAWING NUMBER FI – 1
ADOPTED: APRIL 17, 1996

NOTE:

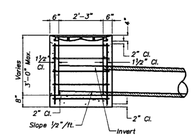
1. Location point at center of inlet.
2. A separate top slab may be utilized.
3. Not recommended for use in areas with bicycle traffic.



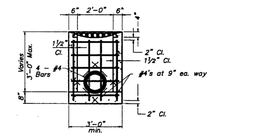
PLAN



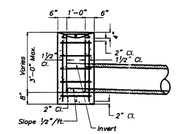
PLAN



SECTION C–C



SECTION B–B



SECTION A–A

DOUBLE GRATE INLET DETAILS

SINGLE GRATE INLET DETAILS

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STANDARD DRAWING NUMBER GI–1
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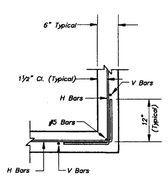
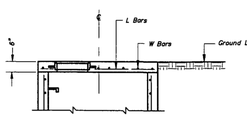
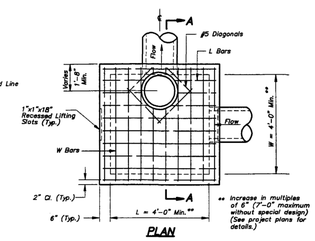


CORNER DETAIL



SLAB TOP ALTERNATE FOR JUNCTION BOX (SHALLOW)

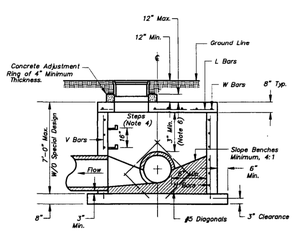
NOTE: Ring & Cover to be Neenah R-1537, Clay & Bailey #2020, Deeter #2016, or approved equal. (Casting may vary by municipality, refer to plans & contract documents.)



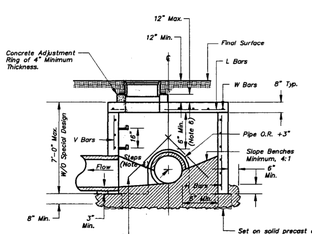
PLAN

GENERAL NOTES:

1. Locate ring and cover over outlet.
2. All work and materials shall conform to Section 2600 APWA.
3. Use ¾" Chamfer strip or ½" R edger tool on all exposed concrete corners.
4. Steps required at 16" O.C. when depth from top of casting to invert exceeds 4'.
5. Boxouts will not be allowed to project through the Corners of the structure and the minimum distance between boxouts is 6" with 1 corner bar.
6. The minimum reinforcing shall be 1 H-Bar over a cast-in place pipe and 2 H-Bars over a precast boxout.
7. Limit opening height to 6" with No. 5 galvanized bars extending to corner rebars.
8. Show field inlet orientation on plans plus number and size of openings locating point at center of structure.
9. O.R. = one half outside pipe diameter (O.D.).
10. Reinforcing of covers in streets require special design.
11. Ring & Cover to be Neenah R-1736, Clay & Bailey #2008, Deeter #1315, or approved equal. (Casting may vary by municipality, refer to plans & contract documents.)



SECTION A–A
(Cast In Place)



SECTION A–A
(Precast)

Set on solid precast conc. blocks. Foundation and invert shall be poured monolithic, unless soil conditions require pouring base slab before setting structure.

REINFORCING

BARS	BAR SIZE	SPACING (IN.)
H	4	12
V	4	12
L	5	6
W	5	6

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JUNCTION BOX DETAILS
STANDARD DRAWING NUMBER JB – 1
ADOPTED: APRIL 17, 1996

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Engineering CA2821

The Manor at Stoney Creek - 2nd Plat
Lee's Summit, Jackson County, Missouri

Project: MANOR AT STONEY CREEK

Issue Date: May 3, 2016

Construction Details
Construction Plans for:
The Manor at Stoney Creek - 2nd Plat
Lee's Summit, Jackson County, Missouri

Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

REVISIONS

REV. 5–1–17

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