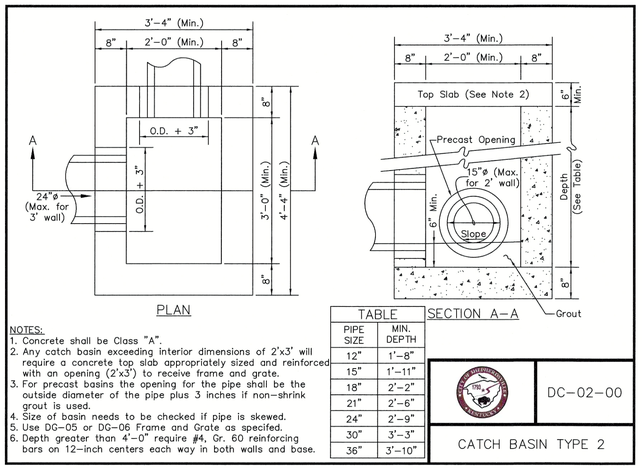
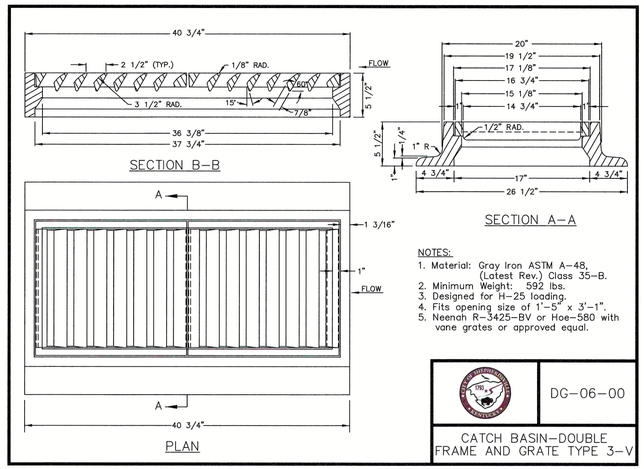


TABLE	
PIPE SIZE	MIN. DEPTH
12"	1'-8"
15"	1'-11"
18"	2'-2"
21"	2'-6"
24"	2'-9"
30"	3'-3"
36"	3'-10"

NOTES:
1. Concrete shall be Class "A".
2. Any catch basin exceeding interior dimensions of 2'x3' will require a concrete top slab appropriately sized and reinforced with an opening (2'x3') to receive frame and grate.
3. For precast basins the opening for the pipe shall be the outside diameter of the pipe plus 3 inches if non-shrink grout is used.
4. Size of basin needs to be checked if pipe is skewed.
5. Use DG-05 or DG-06 Frame and Grate as specifed.
6. Depth greater than 4'-0" require #4, Gr. 60 reinforcing bars on 12-inch centers each way in both walls and base.

DC-02-00

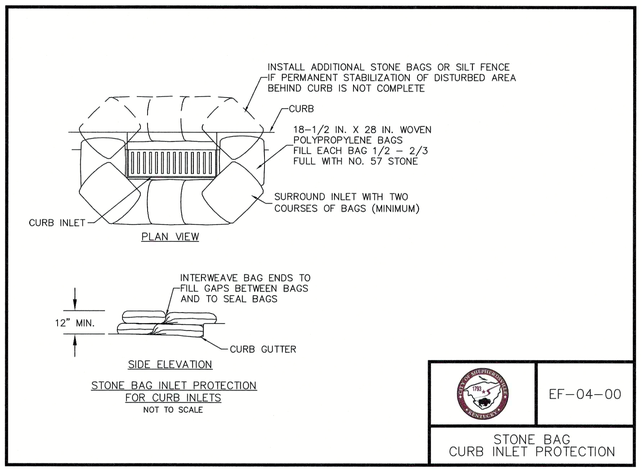
CATCH BASIN TYPE 2



NOTES:
1. Material: Gray Iron ASTM A-48, (Latest Rev.) Class 35-B.
2. Minimum Weight: 592 lbs.
3. Designed for H-25 loading.
4. Fits opening size of 1'-5" x 3'-1".
5. Neenah R-3425-BV or Hoe-580 with vane grates or approved equal.

DG-06-00

CATCH BASIN-DOUBLE FRAME AND GRATE TYPE 3-V



STONE BAG INLET PROTECTION FOR CURB INLETS
NOT TO SCALE

EF-04-00

STONE BAG CURB INLET PROTECTION

TABLE	
Pipe Size	Minimum Depth
12"	2'-2"
15"	2'-5"
18"	2'-8"
21"	3'-0"
24"	3'-3"

NOTES:
1. Concrete shall be Class "A".
2. For precast basins the opening for the pipe shall be the outside diameter of the pipe plus 3 inches if non-shrink grout is used.
3. Size of basin needs to be checked if pipe is skewed.
4. Use DG-03 or DG-04 Frame and Grate as speciifed. Depth greater than 4'-0" require #4, Gr. 60 reinforcing
5. bars on 12-inch centers each way in both walls and base.

DI-02-00

DOUBLE CURB INLET

NOTES:
1. Material: Gray Iron ASTM A-48, (Latest Rev.) Class 35-B.
2. Minimum Weight: 662 lbs.
3. Designed for H-25 loading.
4. Fits opening size of 2'-0 1/4" x 3'-1".
5. Neenah R-3157-AV or Hoe 730 with vaned grate or approved equal.

DG-04-00

CURB CATCH BASIN-DOUBLE FRAME AND GRATE TYPE 2-V

STONE BAG INLET PROTECTION IS SUITABLE FOR USE IN BOTH PAVED AND UNPAVED AREAS.

MAXIMUM CONTRIBUTING DRAINAGE AREA = 1 ACRE

NOTE: THE 12-INCH HEIGHT REQUIREMENT IS WAIVED IN CASES WHERE IT WILL CAUSE FLOOD DAMAGE IF THE STONE BAGS ARE OVERTOPPED.

TYPE III STONE BAG SILT CHECK AT CATCH BASINS
NO SCALE

EF-03-00

STONE BAG INLET PROTECTION

NOTE:
MINIMUM WIDTH (W) FOR ONE-WAY ENTRANCE: 14 FT.
MINIMUM WIDTH (W) FOR TWO-WAY ENTRANCE: 24 FT.

ER-01-00

STABILIZED CONSTRUCTION ENTRANCE

EF-09-00

SILT FENCE

11/21/18
STATE OF KENTUCKY
ERIC S. SENN
PE 23759
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REVISIONS:

ISSUE DATE:

1st	PERMIT	10-5-18
2nd	BID SET	11-20-18

DRAWN BY:XG

PANDA PROJECT #: S8-19-D6462
ARCH PROJECT #: 18044.013
CIVIL PROJECT #: 18172

LD&D
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DETAILS

C4.1

BID SET 11.20.18