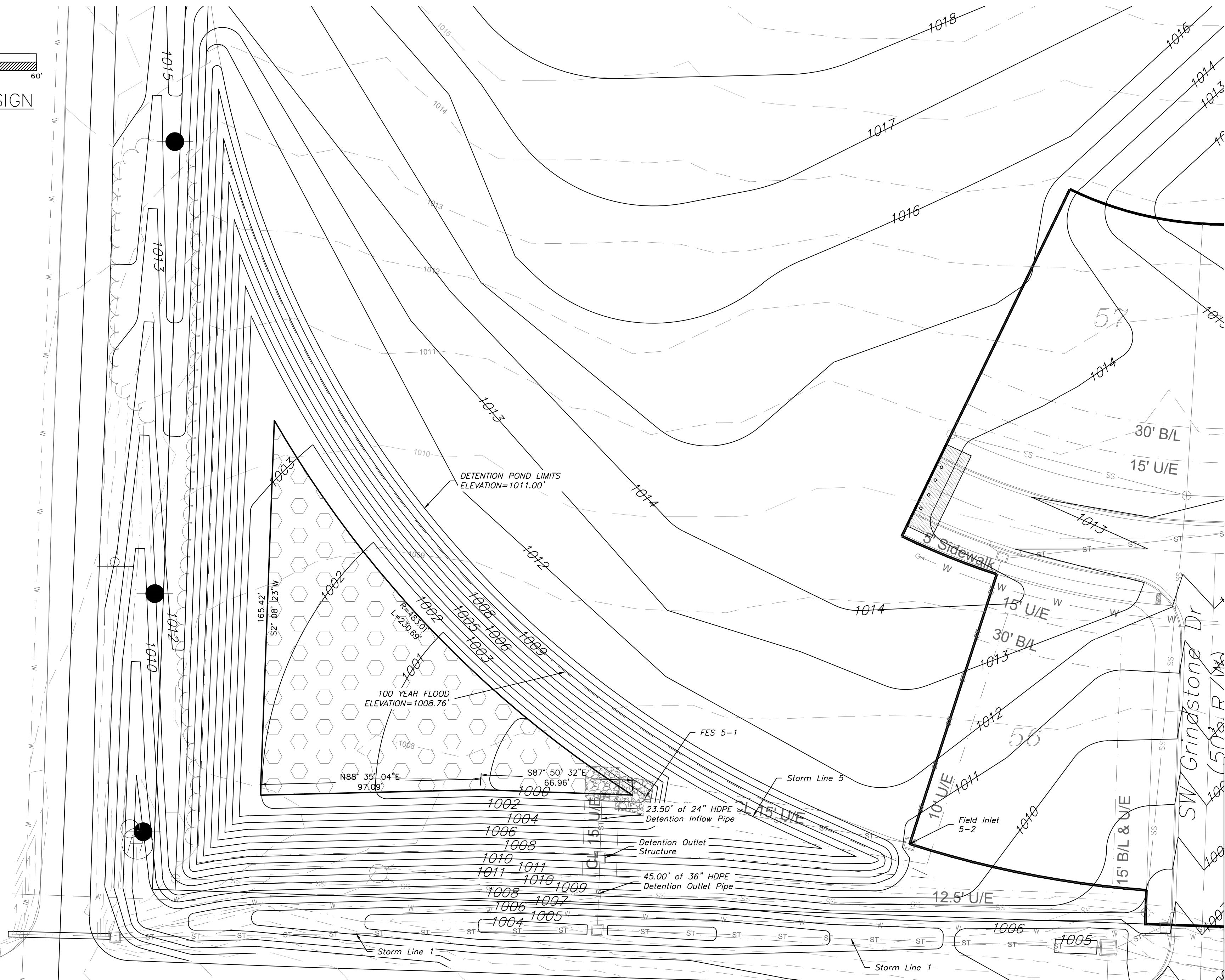
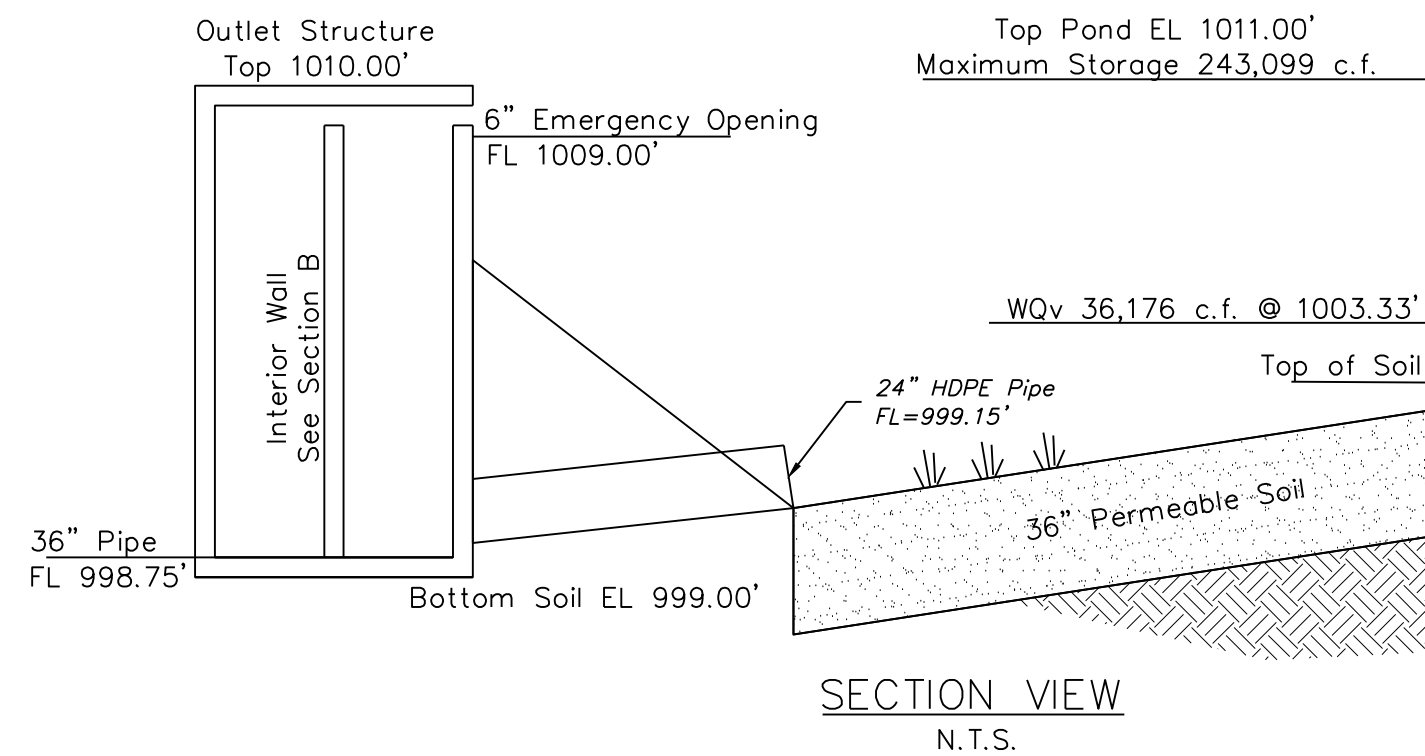


BASIN DESIGN
SCALE: 1" = 30'



Geo-Fabric Liner
-Non-Woven Geotextile Fabric minimum permittivity of 0.75 in / hr, wrapped continuously around the 6" Clean Gravel and along the sidewalls of the permeable soil mix

Permeable Soil Mix
-The Permeable Soil Mix shall consist of 60% Sand, 20% Compost & 20% Top Soil
-The Permeable Soil Mix shall be thoroughly mixed on the project site prior to placement.



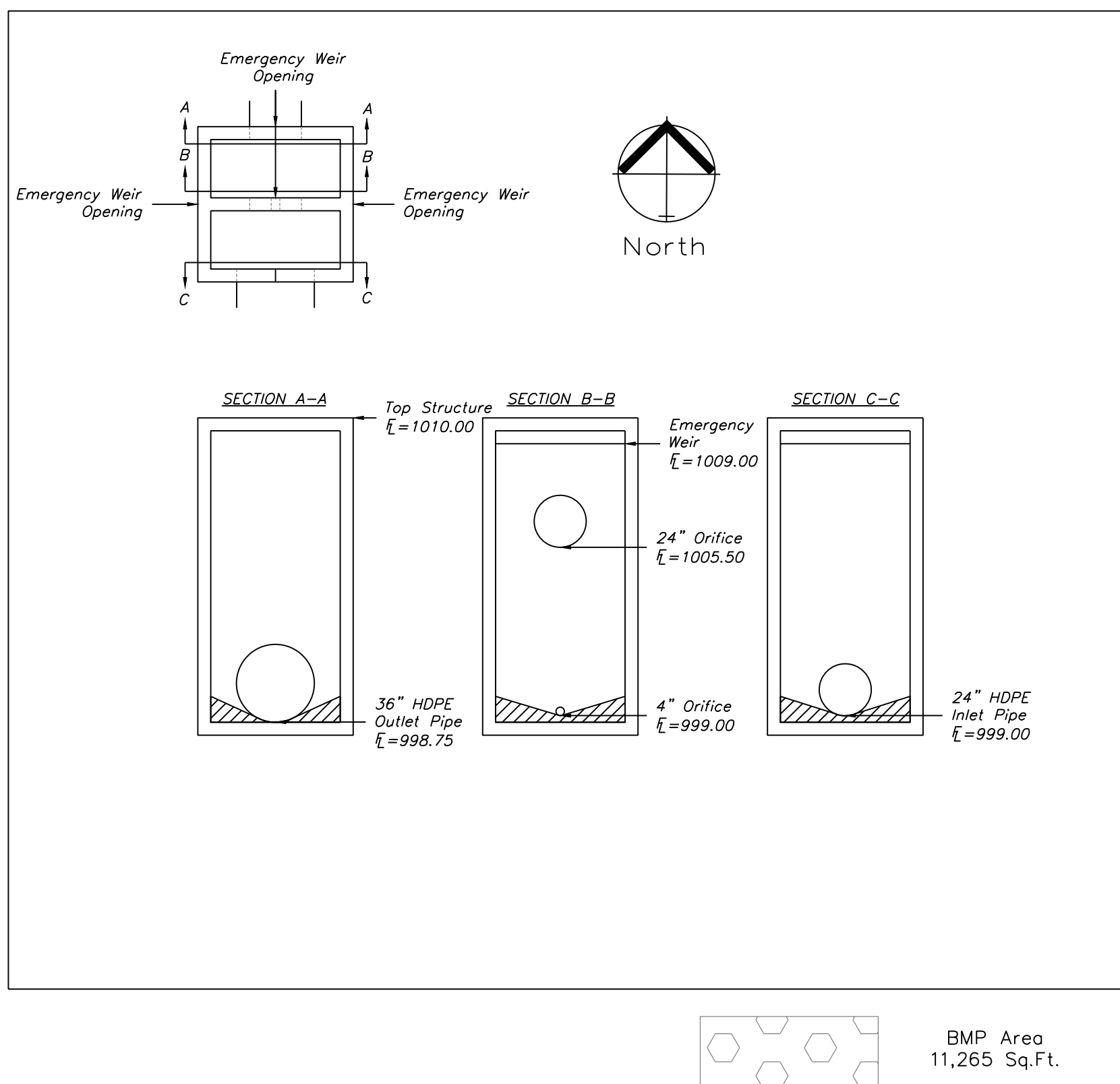
Planting Material

-The Permeable Soil Mix is to be covered by a combination of following Big Bluestem
(Andropogon Gerardii) at 2' x 2' Spacing
Hairy Grama
(Bouteloua Hirsuta) at 2' x 2' Spacing

GENERAL NOTES:

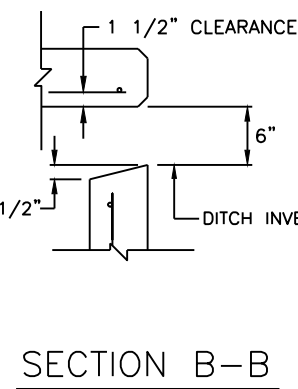
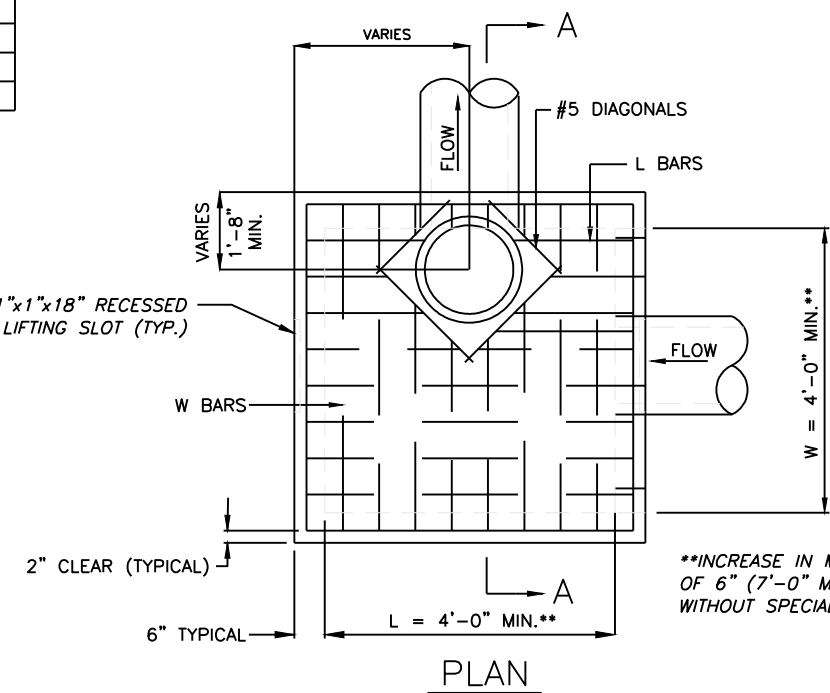
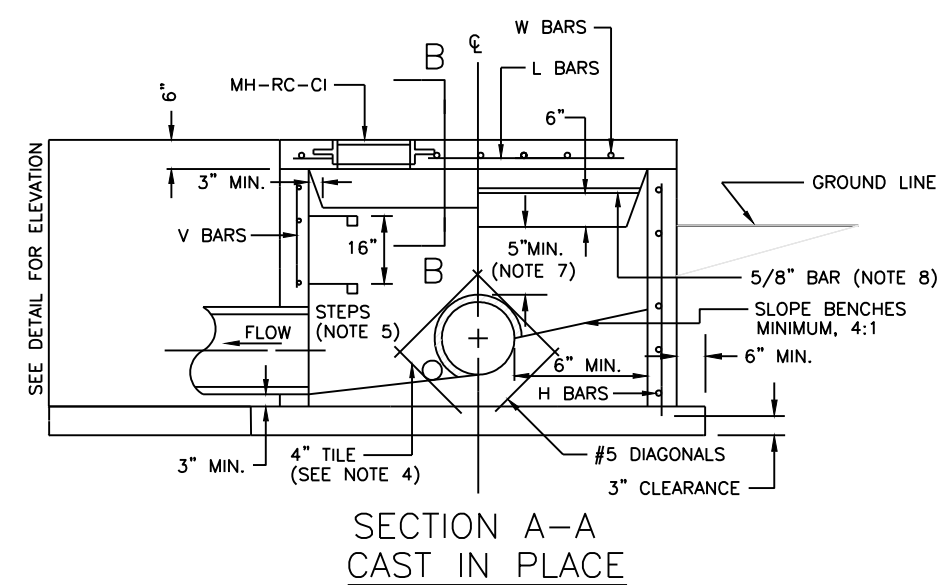
1. Locate ring and cover over outlet.
2. All work and materials shall conform to APWA Sect. 2600.
3. Use 3/4" chamfer strip on all exposed concrete corners.
4. Steps required @ 16" O.C. when depth from top of casting to invert exceeds 4 feet.
5. Boxouts will not be allowed to project through the corners 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.
9. Show field inlet orientation on plans plus number and size of opening.
10. O.R. = one half outside pipe diameter (O.D.).
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 1/4" galvanized wire mesh on the outside of the inlet and clear the invert and base concrete.
12. Location of the Manhole shall be located along the Northeast side of the structure.

DETENTION OUTLET STRUCTURE
SCALE: 1" = 5'

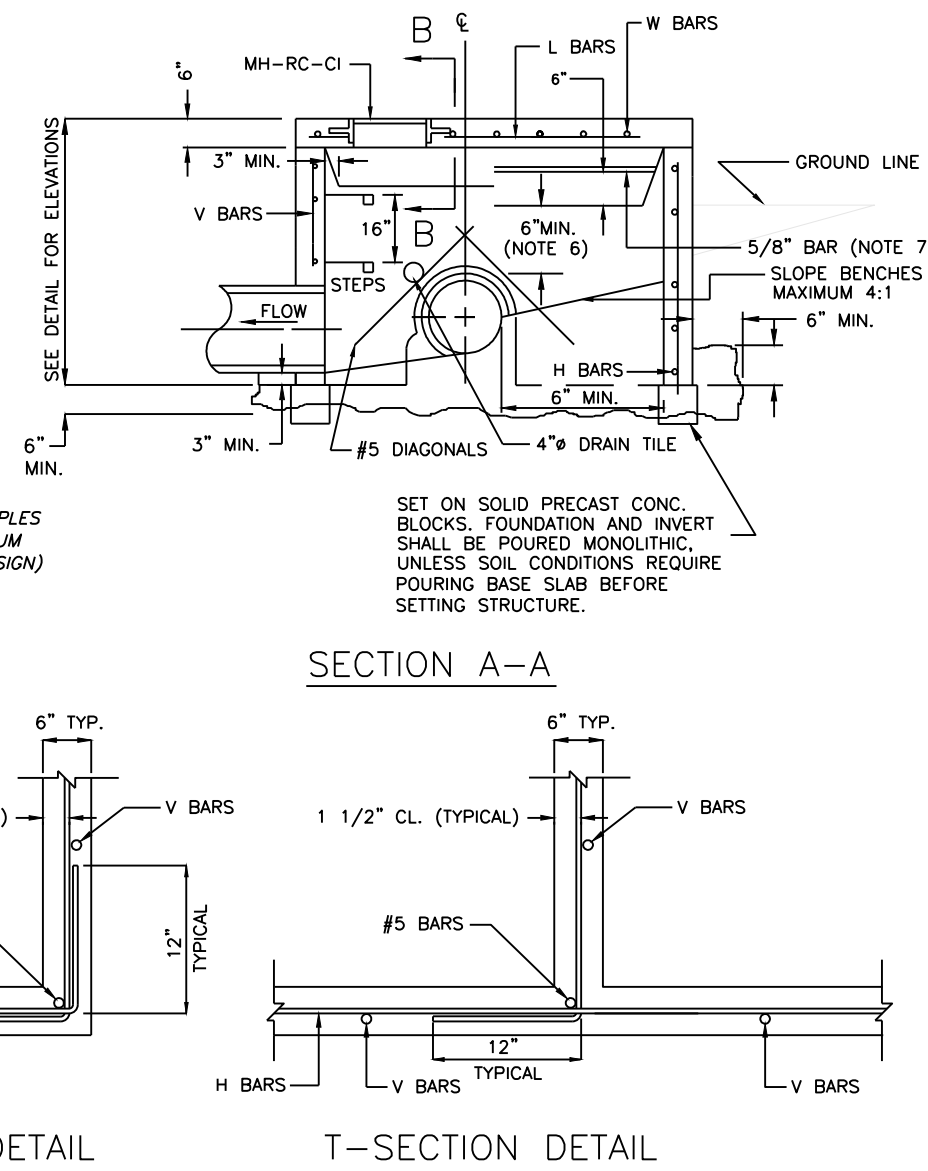


REINFORCING

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



CORNER DETAIL



Professional Registration
Missouri
Engineering 2005002188-D
Surveying 200500019-D
Kansas
Engineering E-1895
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

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

Project:
MANOR AT
STONEY CREEK
Map 1000
May 1, 2016

DETENTION BASIN / BMP PLAN
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 255226

REVISIONS
REV. 5-1-17