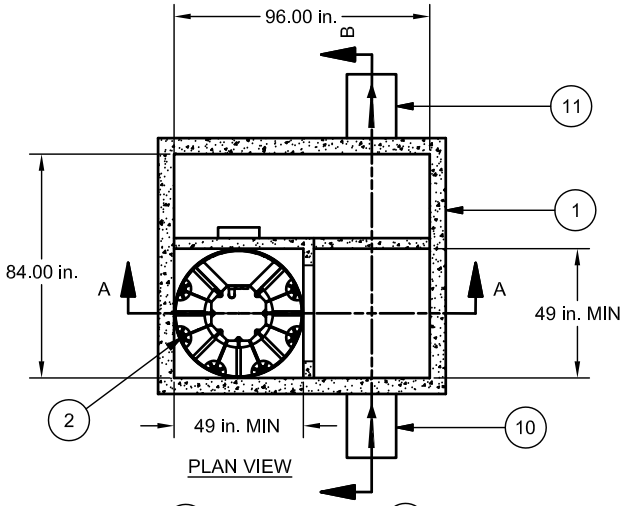
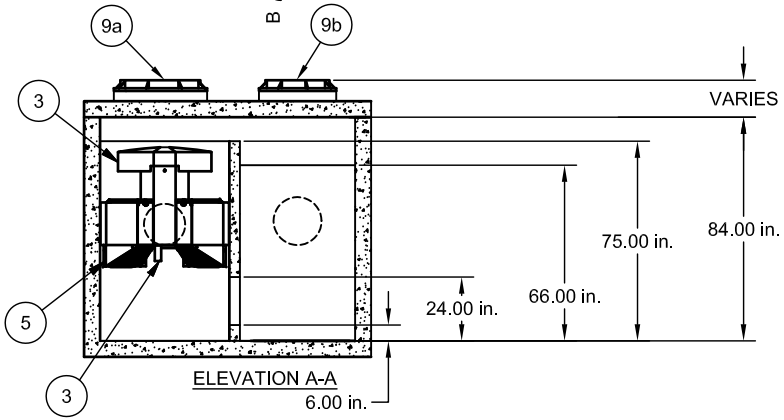
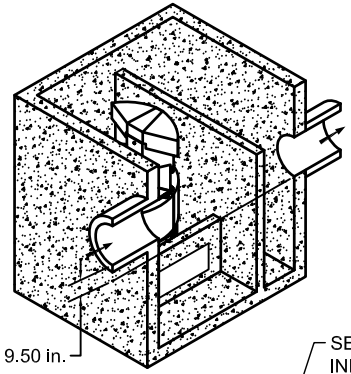
NOT FOR CONSTRUCTION - CONTACT HYDRO INTERNATIONAL FOR SITE SPECIFIC DRAWINGS

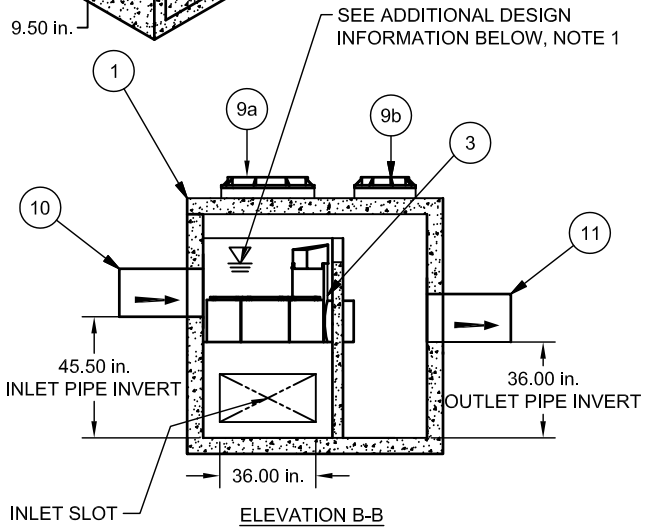


PLAN VIEW



ELEVATION A-A





ELEVATION B-B

	Parts List		
ITEM	QTY	DESCRIPTION	SIZE
1	1	PRECAST VAULT (BY HYDRO VIA PRECASTER)	84 in x 96 in
2	1-7	FILTER MODULE (7 SHOWN)	
	1-7	FILTER BAG SET	
3	1	OUTLET MODULE W/ BRACKET, BYPASS HOOD, DRAINDOWN	
4	0	DUAL SUPPORT BRACKET W/ ANGLED SCREEN	
5	1-7	SINGLE SUPPORT BRACKET W/ ANGLED SCREEN	
6	1-7	BACKER PLATE FOR SINGLE SUPPORT	
7	1	MOUNTING SPOOL	
8	0	ADDITIONAL DRAINDOWN	
9a, 9b	1,2	FRAME AND COVERS	30 in, 24 in
10	1	INLET PIPE (BY OTHERS)	12 in
11	1	OUTLET PIPE (BY OTHERS)	12 in

CAPACITIES:

1. Minimum performance: 80% removal of Sil-Co-Sil 106 (d50 = 22 microns) at the peak treatment flow.
2. NJDEP peak treatment flow: 0.056 cfs/module * OR 0.66 acres of imperviousness/module, whichever results in the greater number of modules.
3. Maximum number of modules: 7 **

ADDITIONAL DESIGN INFORMATION:

1. * Normal operating W.S.E. is 2.46' above the outlet invert at the peak treatment flow of 0.056 cfs/module. For a given flow the head requirement can be reduced by adding additional filters.
2. ** Treatment flows that require more modules will require a larger vault design.
3. Media Type: CPZ

Notes

1. MANHOLE WALL AND SLAB THICKNESSES ARE NOT TO SCALE.
2. CONTACT HYDRO INTERNATIONAL FOR A BOTTOM OF STRUCTURE ELEVATION PRIOR TO SETTING DOWNSTREAM DEFENDER MANHOLE.

REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
B	JLL	2/02/15	NOTES

Date	Scale
12/28/2011	NTS

Drawn	Checked	Approved
EMH	MRJ	MRJ

Title

7-FT x 8-FT VAULT
UP-FLO FILTER
1-7 MODULES

GENERAL ARRANGEMENTS

Hydro International

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CAD Ref: **UFGA - 1RV**

Project No.

Drawing No. Rev. B