



SEE ADDITIONAL DESIGN INFORMATION BELOW, NOTE 1

ITEM	QTY	DESCRIPTION	SIZE
1	1	PRECAST VAULT (BY HYDRO VIA PRECASTER)	156 in x 156 in
2	54	FILTER MODULE	
	54	FILTER BAG SET	
3	3	OUTLET MODULE W/ BRACKET, BYPASS HOOD & DRAINDOWN	
4	12, 12	DUAL SUPPORT BRACKET W/ ANGLED SCREEN	RIGHT, LEFT
5	6	SINGLE SUPPORT BRACKET W/ ANGLED SCREEN	
6	6	BACKER PLATE FOR SINGLE SUPPORT	
7	6	TRIANGULAR MOUNTING BRACKET	
8	0	ADDITIONAL DRAINDOWN	
9a, 9b	3, 1	FRAME AND COVERS	30 in, 24 in
10	1	INLET PIPE (BY OTHERS)	15 in
11	1	OUTLET PIPE (BY OTHERS)	15 in

Parts List

CAPACITIES:

1. Minimum performance: 80% removal of Sl-CO-Sil 106 (d50 = 22 microns) at the peak treatment flow.
2. NIDEP 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: 57 **
4. Exact vault and pipe sizes may vary. Inlet and Outlet locations may vary.

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 or different arrangement.
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	JL	2/2/15	FIRST ISSUE
Date		Scale	
6/13/13		NTS	
Drawn	JLL3	Checked	Approved

Title
 13-FT x 13-FT VAULT
 UP-FLO FILTER
 54 MODULES (57 MAX)
 3-ROW VAULT
 EXTERNALLY BYPASSED



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CAD Ref: GA, 57MZ-UFF, External
 Project No.
 DrawingNo. 57MZ-UFF Rev. B

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