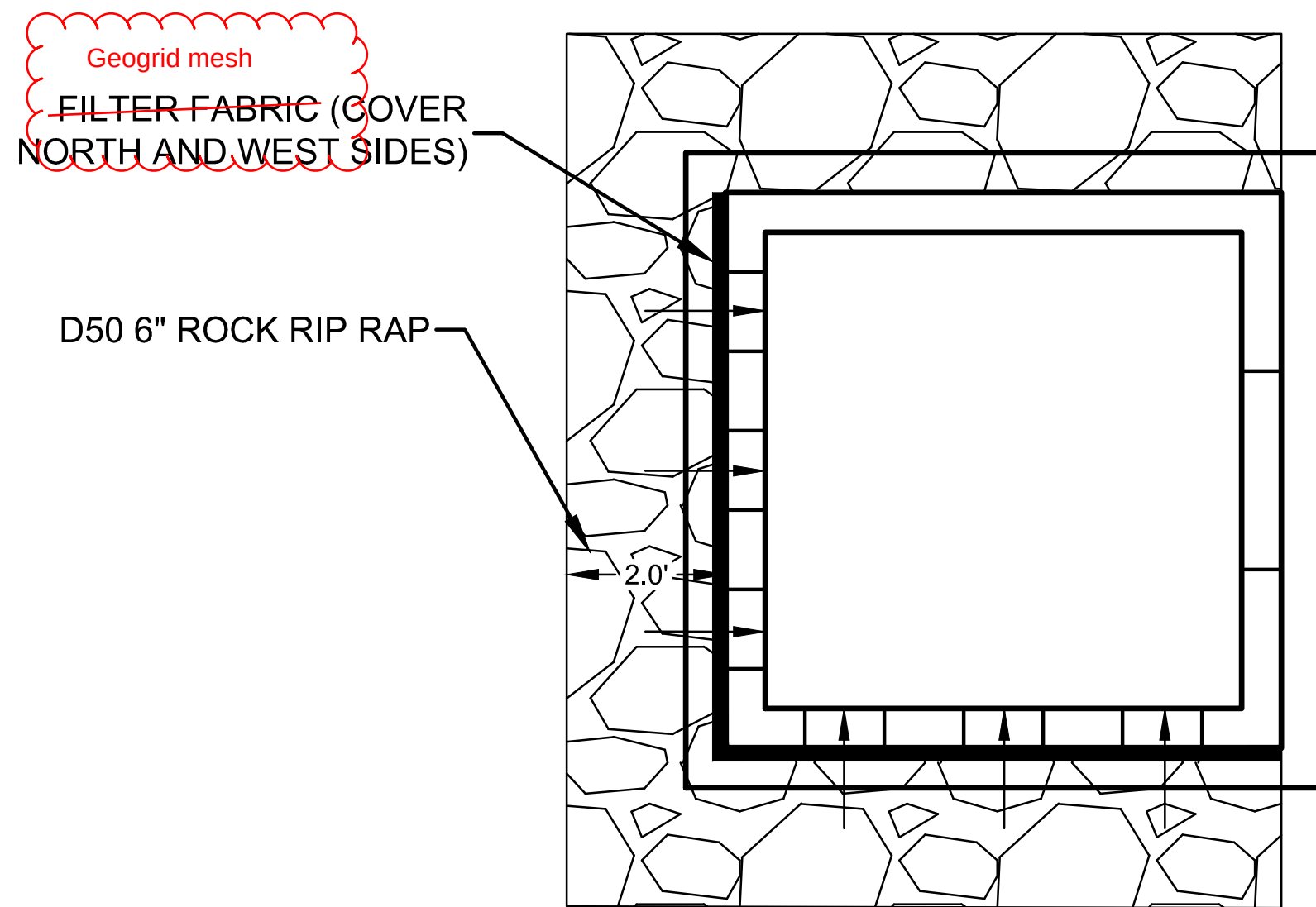
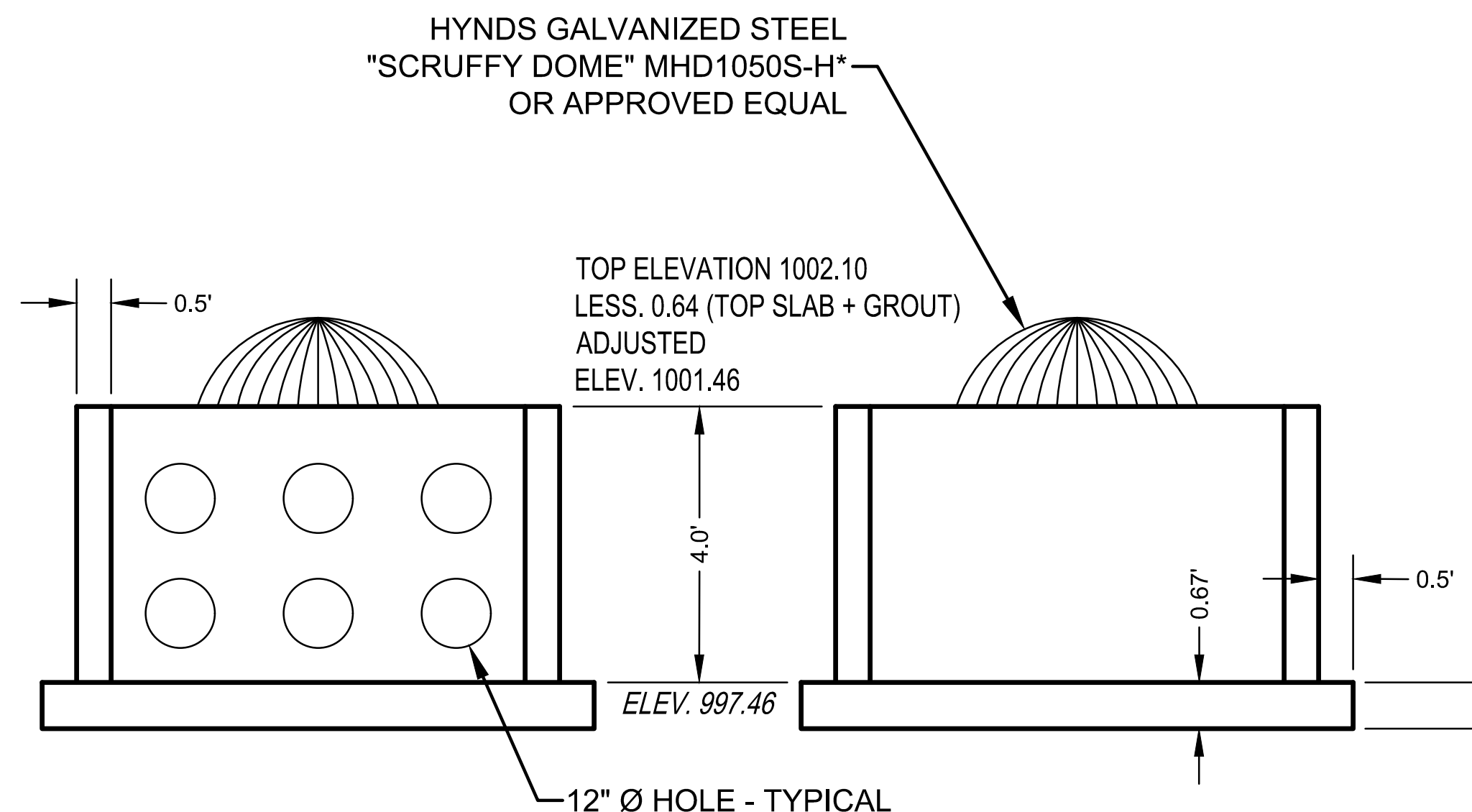


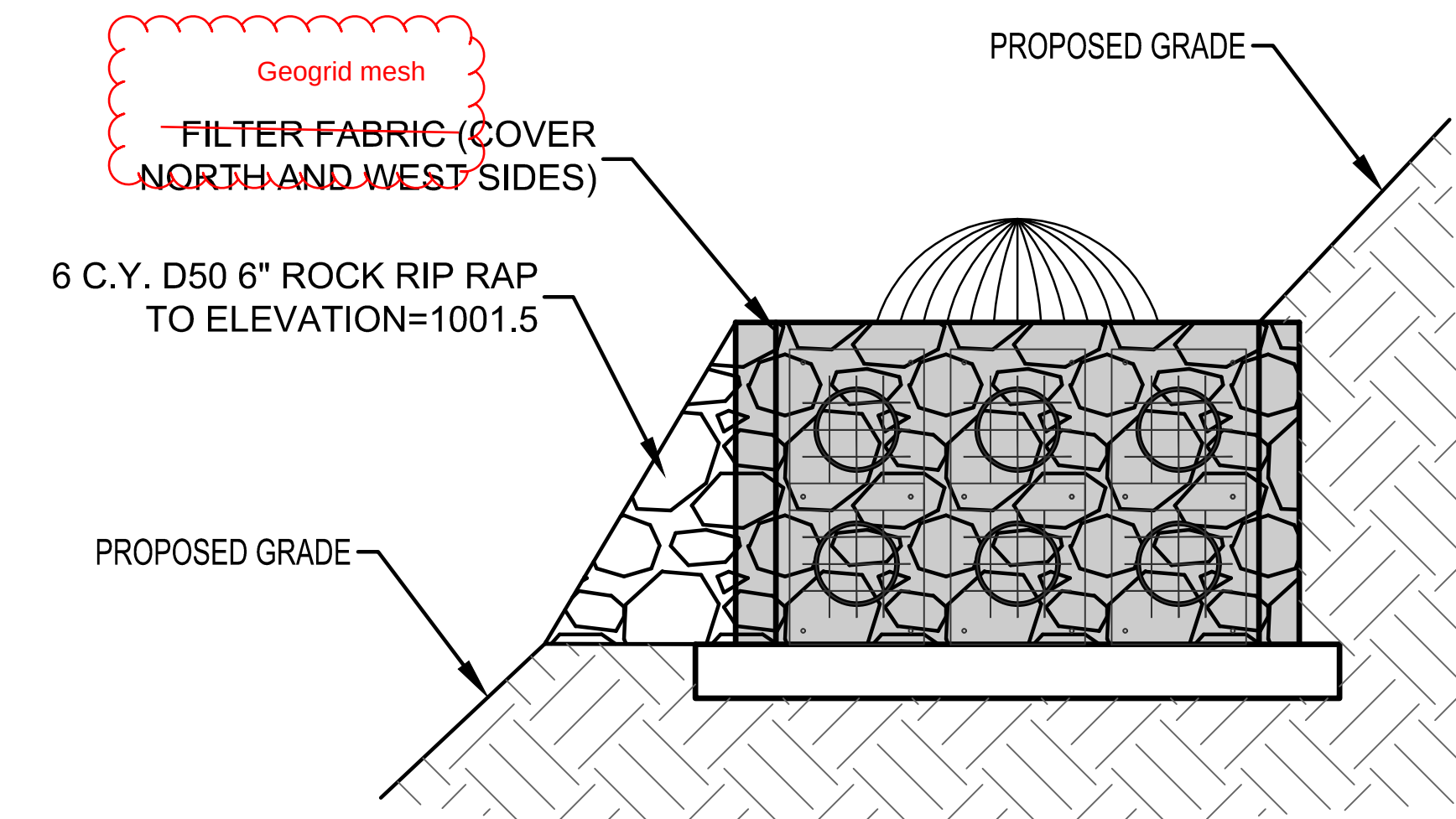


PLAN

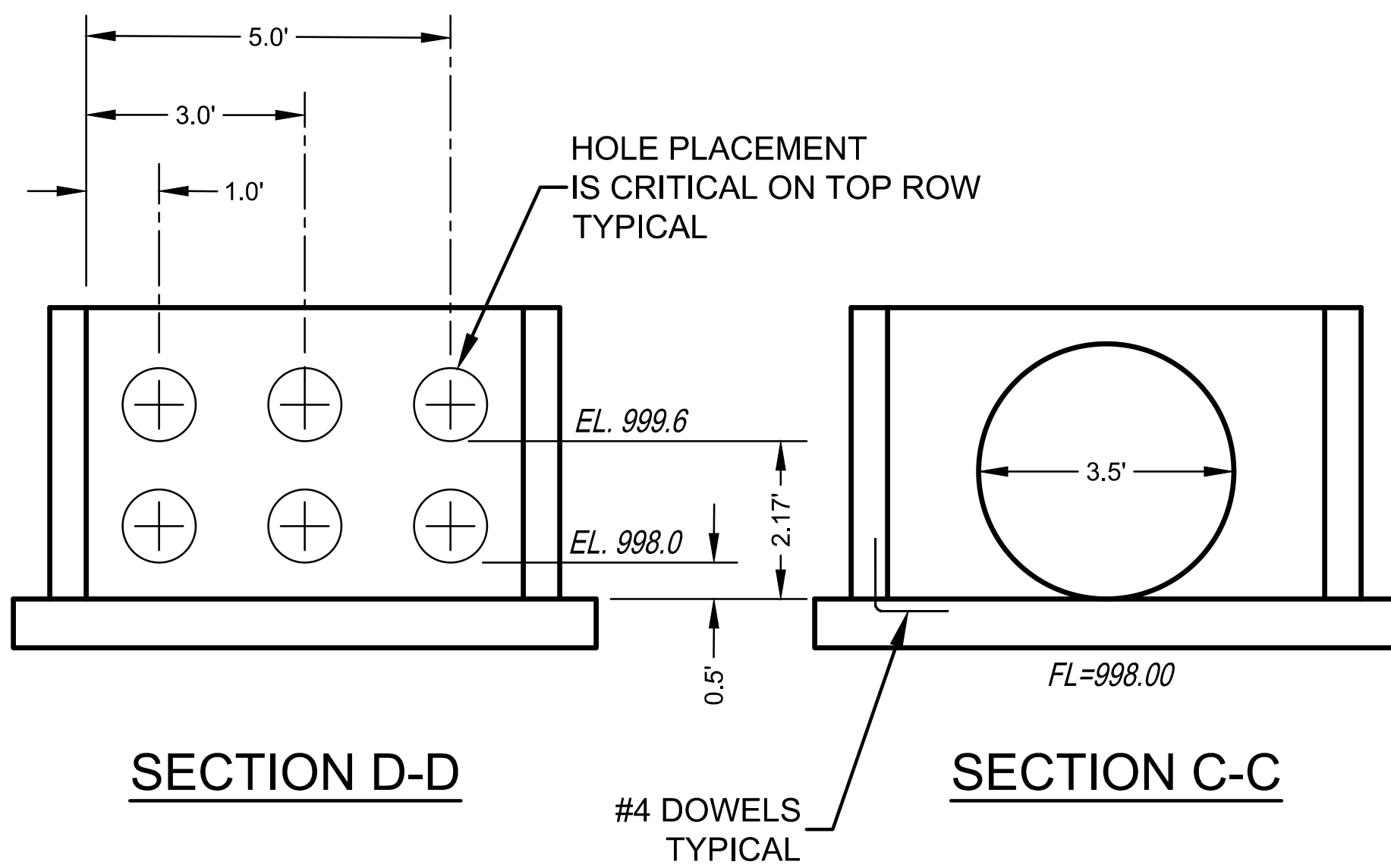


SECTION A-A

SECTION B-B

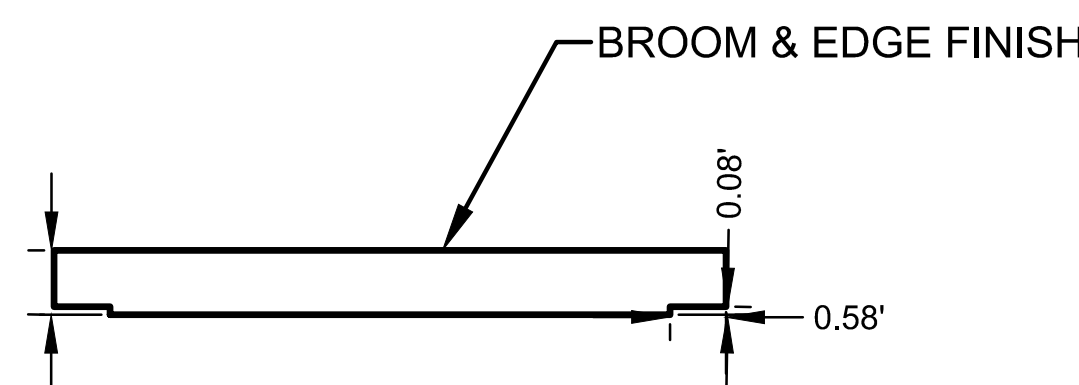
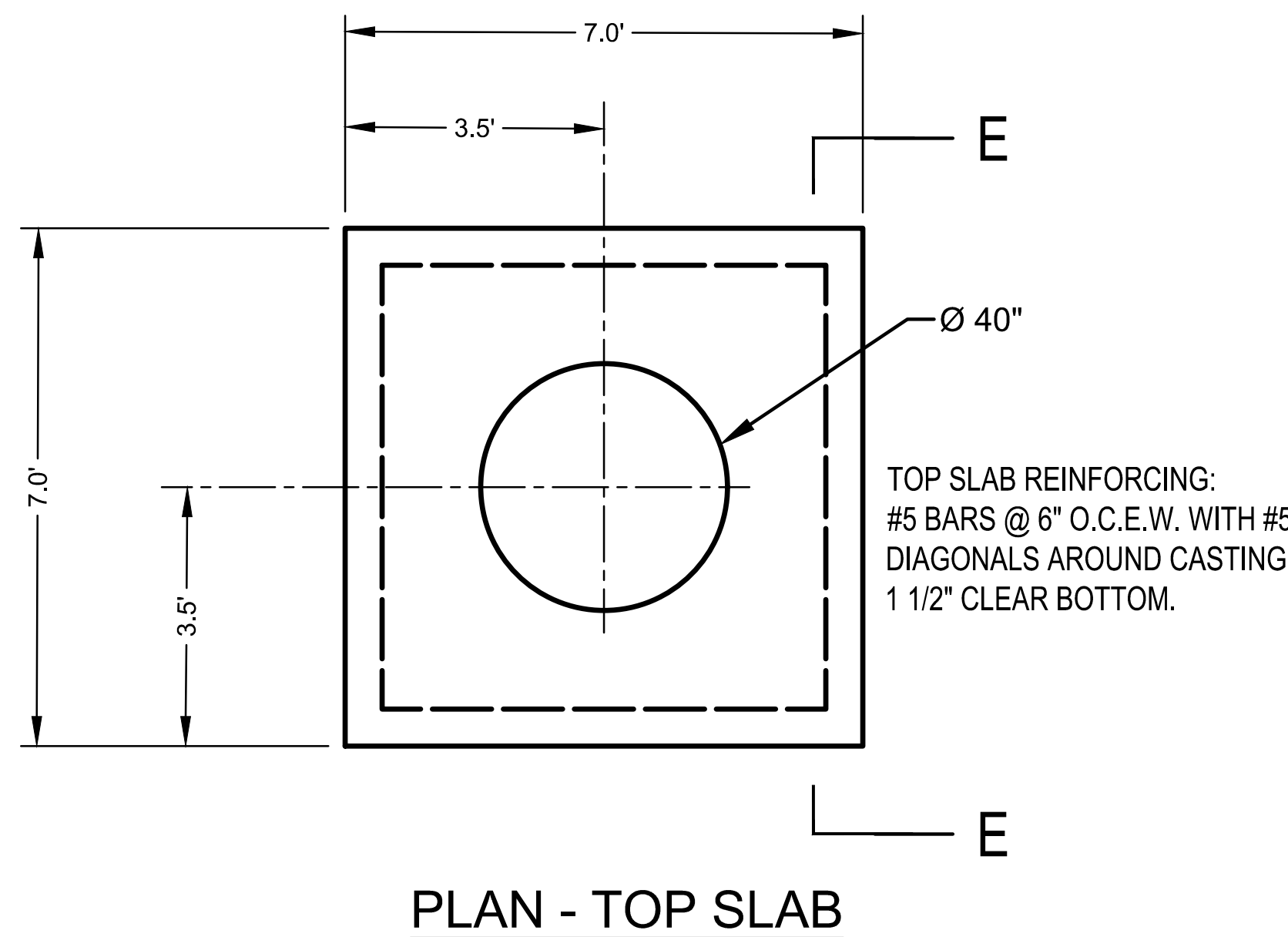
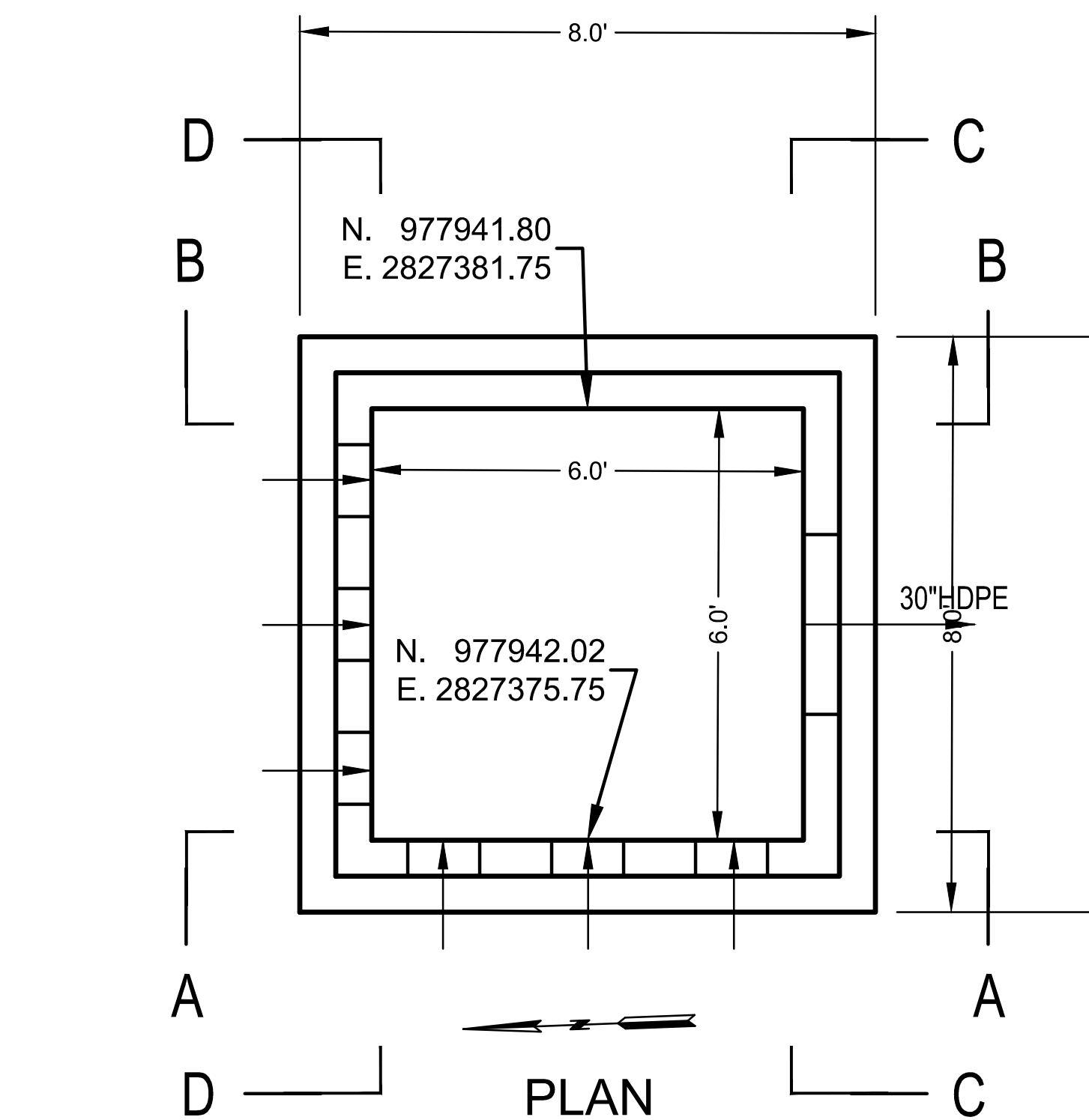


SIDE VIEW FACING WEST SIDE

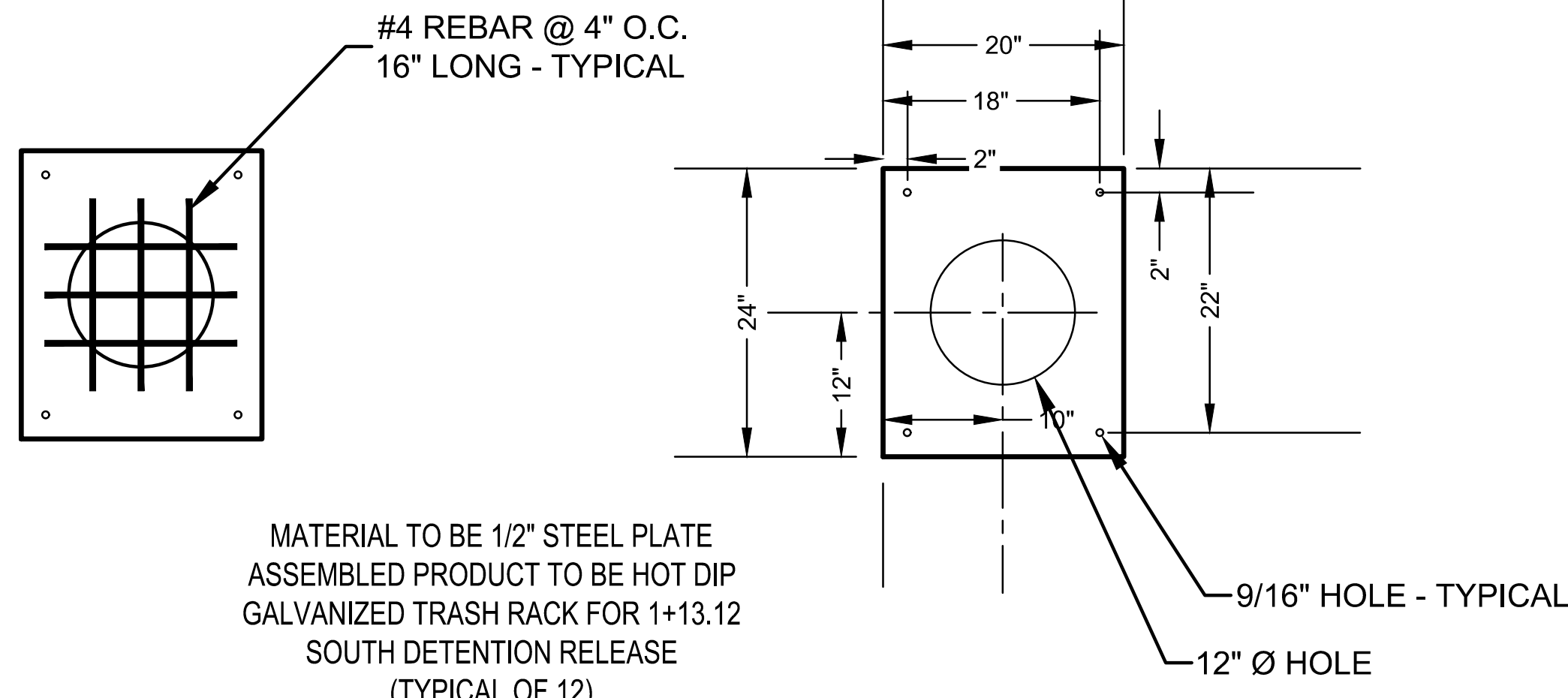


SECTION D-D

SECTION C-C



SECTION E-E



TRASH RACK

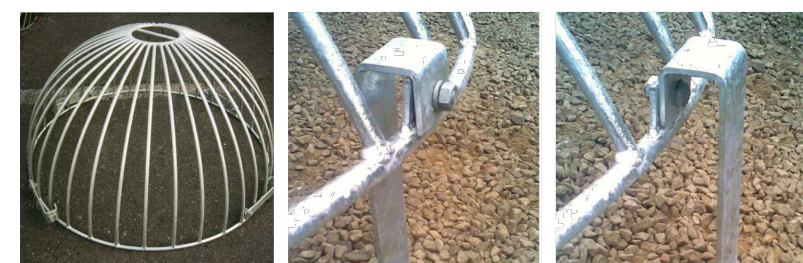
DETENTION OUTLET STRUCTURE

NOT TO SCALE

The scruffy dome is made of galvanised steel and is used in stormwater applications to provide a debris and security screen for manholes.

- Design Specifications**
- The type 1 debris screen is a full height design, suitable for manholes with a 600mm diameter or larger. (Refer to figure 1.)
 - The type 2 debris screen has a lower height profile making it less noticeable in areas such as parks and gardens. Suitable for manholes with a diameter of 600 mm or larger. (Refer to figure 2.)
- Installation**
- Dome brackets are bolted to the manhole riser with stainless steel bolts.
 - The bolts are purchased separately.
- Note:** The North Island and South Island have different versions of Scruffy Domes with slight changes in the support design (See photos below). Please contact your local Hynds branch for more information.

North Island Scruffy Dome



South Island Scruffy Dome



Product Code	Manhole Size (mm)	Type	Riser ID (mm)	A x OD of Girth (mm)	B x Diameter of Inner Ring (mm)	C x Height of Dome (mm)	D x Leg Length (mm)
Type 1 High Profile							
MH-D1050S	600	1	810	840	145	200	190
MH-D1050S	675	1	885	915	145	200	190
MH-D1050S	800	1	914	950	230	500	190
MH-D1050S	1050	1	1095	1125	230	690	190
MH-D1050S-H*	1050	1	1095	1125	230	690	190
MH-D1050S	1200	1	1257	1270	230	690	190
MH-D1050S	1400	1	1372	1430	230	715	190
MH-D1050S	1600	1	1524	1580	230	790	190
MH-D1050S	1800	1	1676	1740	230	870	190
MH-D1050S	1900	1	1828	1900	230	950	190
Type 2 Low Profile							
MH-D1050S	600	2	810	840	145	190	190
MH-D1050S	675	2	885	915	145	190	190
MH-D1050S	800	2	914	950	230	170	190
MH-D1050S	1050	2	1095	1125	230	190	190
MH-D1050S-HL*	1050	2	1095	1125	230	200	190
MH-D1050S	1200	2	1257	1270	230	240	190
MH-D1050S-HL*	1200	2	1257	1270	230	240	190
MH-D1050S	1400	2	1372	1430	230	260	190
MH-D1050S	1600	2	1524	1580	230	420	190
MH-D1050S	1800	2	1676	1740	230	480	190
MH-D1050S	1900	2	1828	1900	230	520	190

Note: Larger sizes 2000, 2300, 2600, 3000mm are available on request.
*H - hinged lid - hinged and lockable

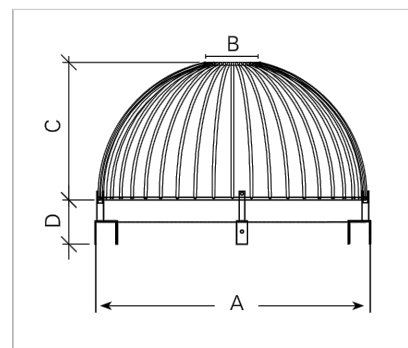


FIG. 1 Dimensions of Type 1 Hynds Scruffy Dome (see table).

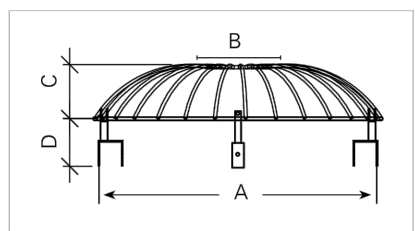


FIG. 2 Dimensions of Type 2 Hynds Scruffy Dome (see table).

NO.	BY	CHKD	DATE	REVISION
6	SPW	SPW	07/20/19	PER CITY COMMENTS
5	SPW	SPW	07/20/19	PER CITY COMMENTS
4	SPW	SPW	04/22/19	PER CITY COMMENTS
3	SPW	SPW	04/16/19	PER CITY COMMENTS
2	SPW	SPW	03/27/19	PER CITY COMMENTS
1	SPW	SPW	03/06/19	PER CITY COMMENTS
			11/21/18	SUBMITTAL TO CITY OF LEES SUMMIT



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JULY 15, 2020

STREET AND STORM SEWER PLANS
SOUTH DETENTION BASIN
OUTLET STRUCTURE
COBEY CREEK FIRST PLAT
PHASE I
CITY OF LEES SUMMIT, JACKSON COUNTY, MISSOURI