S.D. IRELAND CONCRETE CONST CORP

Job: **15790** Customer: **CHAMPLAIN CONST INC**

Job Name **Rutland City BRF 3000 (16) River**

Up to Bottom

Structure Code: **smh-3**

Station:

Type: **Sanitary**

Description: **48" I.D. Sanitary Manhole**

Structure Product Detail

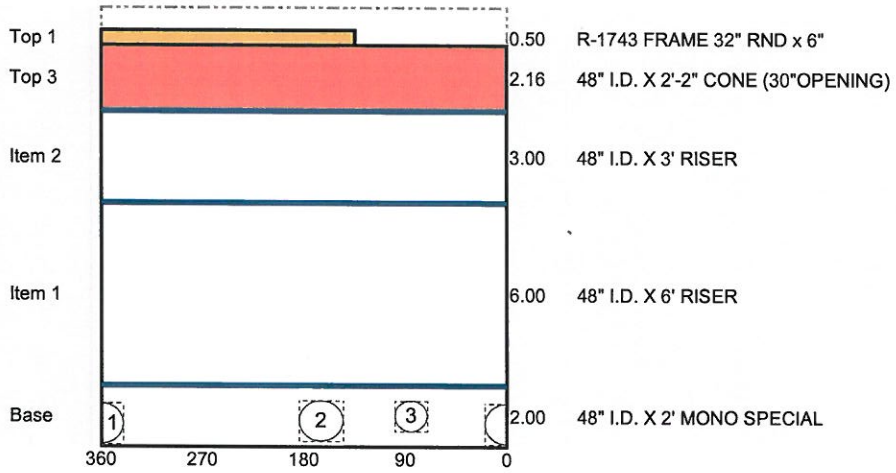
Item	Product	Qty	Product Description	Yards	Weight
Rim	N174350	1	R-1743 LID 32" "SEWER"	0.00	198
	1900000	1	need heat dates	0.00	0
	2000000	0.7	TRUCKING, FLAT BED	0.00	0
Top 3	0548472	1	48" I.D. X 2'-2" CONE (30"OPENING)	0.45	1.800
Top 1	N174320	1	R-1743 FRAME 32" RND x 6"	0.00	137
Item 2	0548483	1	48" I.D. X 3' RISER	0.65	2.601
Item 1	0548486	1	48" I.D. X 6' RISER	1.30	5.202
Base	0548020	1	48" I.D. X 2' MONO SPECIAL	0.84	3.353
Misc 2	1600013	13	LADDER RUNG,PS2-PFSL 13 3/4"(1 1/4" DIA) (500/P)	0.00	13
Misc 1	1403100	6	MASTIC,CON-SEAL, 1" X 14 1/2' (8 ROLLS/BOX) CS-102	0.00	7
Acces	10616W	2	BOOT,KOR-N-SEAL 16W (1-I242 BAND)C16-2-14	0.00	20
Acces	40612C	1	BOOT,KOR-N-SEAL 12C-(1-128 BAND)C12-2-6 IPS	0.00	7
	1614801	13	Coating for 48"ID	0.00	0

Elevations

	Elev	Angle	Pipe	Hole Type	Hole" Height	Hole" Width	Up"	Item
Rim	536							
(1)	521.95	0	10 DUCTILE	10616WP	16	16	1	Base
(2)	522.05	165	10 DUCTILE	10616WP	16	16	2	Base
(3)	522.38	85	6 PVC	40612CWP	12	12	6	Base
(4)		0			0	0	0	
(5)		0			0	0	0	
(6)		0			0	0	0	
(7)		0			0	0	0	
(8)		0			0	0	0	

Inside Area View

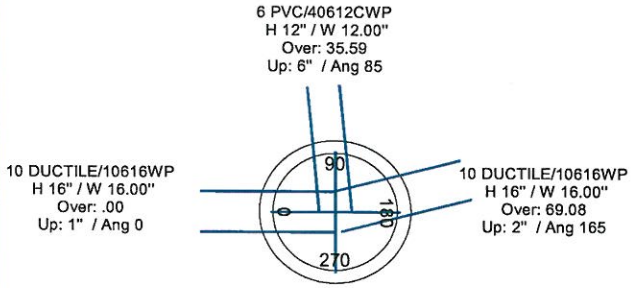
Rim to Invert	14.05 '	Precast Height	13.66 '	Wall	5.00 "
Less Casting	14.05 '	Floor	8.00 "	Sump	0.33 '
Invert to Floor	0.33 '	Plus Floor	14.33 '		
Adjustment (Brick/Mort.)	0.72				



Description: **48" I.D. X 2' MONO SPECIAL**

Product ID: **0548020S**

Item: **Base** Step Location: **270**



Vermont Agency of Transportation
RECEIVED
CK'D BY MEM OK'D BY CWC
Apr. 29, 2015
RESUBMIT APPROVED ✓
BY C. Carlson DATE 05-26-2015