

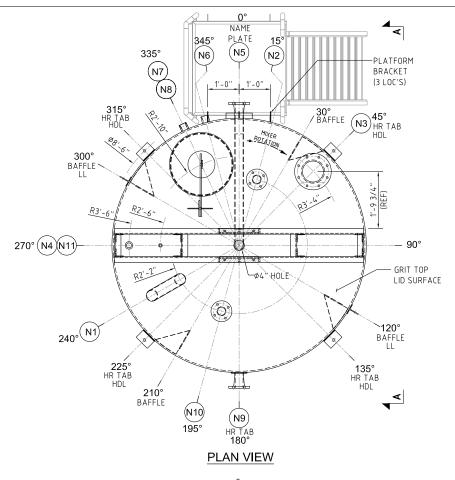
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	n No. 916	DO	OCUMENT	TRANSMITTAL	Page 1 of 1		
From:				To:			
	ani, C.Tec	h.		Peter Wasylyshyr	1		
	Manager			Vice President - Ro			
•) 668-932	0 x 208		Email: peter@ran	idallplumbing.com		
	bacani@s						
SCT Project	: No:	33397		Customer PO No:	04632-001263		
Project Title:		Merit Foods		SCT Reference No:	2021-282		
Transmittal No:		03		Transmittal Date:	December 16, 2021		
Issue Pur _l	oose:						
	Informa	ation Only	X Review	and Approval	Approved for Fabrication		
	Prelimi	nary	Procee	d with Fabrication	Final As-Builts		
Transmitt	al Via:						
х			Fax		Mail		
	L IVIGII		Tux		Widii		
No	o. of Sheets	Dwg. / Doc. No.	Revision	Des	cription		
	3	5066	С		i" H Saline Tank		
	4	Bam.					
Sent By:		Bon Bacani	On Behalf of:	Structural Compo	site Technologies Ltd.		
Received:	Peter W	asylyshyn	Date:	December 16, 2021			

^{*}Please return acknowledged transmittal to the sender via e-mail



APPROVED

Glandall

Reviewed by Peter Wasylyshyn

2021-12-16

ITEM		PRESSURE RATING	FLANGE STYLE	JOINT TYPE	PAD LAYUP	FLANGE			B/F THK	F	FLANGE DRILLING	BOLT TORQUE
		(PSI)				I.D.	O.D.	тнк		ASME CLASS	PATTERN	(ft-lb)
N1	GOOSENECK VENT	N/A	N/A	F	N/A	4"	N/A	N/A	N/A	N/A	N/A	N/A
N2	SPRAYBALL PORT	150	FF	F&G	N/A	3"	8"	13/16"	N/A	150	4 - Ø3/4" HOLES ON 6" B.C.D.	25
N3	NOZZLE FOR BFM CONNECTION	150	FF	F	N/A	8"	14"	1 1/4"	N/A	150	8 - Ø7/8" HOLES ON 11 3/4" B.C.D.	25
N4	WATER INLET (2" FNPT HALF COUPLER)	150	N/A	F	N/A	2"	N/A	N/A	N/A	N/A	N/A	N/A
N5	OUTLET	150	FF	P&G	N/A	3"	8"	13/16"	N/A	150	4 - Ø3/4" HOLES ON 6" B.C.D.	25
N6	LEVEL TRANSMITTER (2" FNPT HALF COUPLER)	150	N/A	F	N/A	2"	N/A	N/A	N/A	N/A	N/A	N/A
N7	SANITARY CONNECTION (2" FNPT HALF COUPLER)	150	N/A	F	N/A	2"	N/A	N/A	N/A	N/A	N/A	N/A
N8	ACCESS PORT C/W HINGE & LATCH	N/A	N/A	F	N/A	24"	N/A	N/A	N/A	N/A	N/A	N/A
N9	ADDED - NOVEMBER 30, 2021	150	FF	F&G	N/A	3"	8"	13/16"	N/A	150	4 - Ø3/4" HOLES ON 6" B.C.D.	25
N10	ADDED - DECEMBER 14, 2021	150	FF	F&G	N/A	3"	8"	13/16"	N/A	150	4 - Ø3/4" HOLES ON 6" B.C.D.	25
N11	ADDED - DECEMBER 14, 2021 (1/2" FNPT HALF COUPLER)	150	N/A	F	N/A	1/2"	N/A	N/A	N/A	N/A	N/A	N/A

FITTING SCHEDULE

ULITSIDE	PLIRCHASE BILL	I OF MATERIALS	

R - 24 OZ/YD2 WOVEN ROVING

h - 2000 TEX GLASS ROVING

u - 90Z UNIDIRECTIONAL ROVING

LCM - 0.750Z/FT2 SPRAY CHOP MAT

OUTSIDE PURCHASE BILL OF MATERIALS									LAMINATE SCHEDULE			
ITEM	QTY	DESCRIPTION	NOM SIZE	O.D.	WIDTH	LENGTH	тнк	MAT'L	SHIP	COMPONENT	LAYUP (AOC F010)	тнк
_	_	N8 LATCH						ss	N	TOP HEAD	NMM,(4/3)(3/2)	0.57"
-	2	NoLAICH	-		-	-	-		N N	BTM HEAD	NMM.(4/3)	0.37"
2	32	MIXER FRAME HARDWARE	1/2"	-	•	2"	-	SS	N	SKIRT	LCM,h,3(huuh),h,LCM	0.29"
MATERIALS					LAYUP SEQUENCE		JENCE	BAFFLE PLATE	N,3/2,N	0.22"		
			N - NEXUS VEIL					(2/1) - MRM				
			M - 1.50Z/FT2 ECR-GLASS CSM			(2, (6) 11511511		0 - 7'-2"	NMM,LCM,h,3(huuh),h,LCM	0.39"		



ISOMETRIC VIEW

GENERAL NOTES:

CORROSION LAYUP: 1 PLY OF NEXUS VEIL & 2 PLIES OF 1.5 OZ MAT W/ AOC VIPEL F010 VINYL ESTER RESIN CYLINDER STRUCTURE LAYUP: HOOP FILAMENT WOUND AS PER SPECIFIED LAYUP W/ AOC VIPEL F010 VINYL ESTER RESIN, MEKP CURED.

FF - FLAT FACE

P - PENETRATING

SS - STAINLESS STEEL

G - GUSSETED

F - FLUSH

MERP CURED.

TOP/BIM HEAD STRUCTURE LAYUP: ALTERNATE PLIES OF 1.5 OZ. CSM & 24 OZ. WOVEN ROVING TO SPECIFIED LAYUP W/ AOC VIPEL FOIO VINYL ESTER RESIN

FINISH: GELCOAT GRAY
GRIT TOP: MEDIUM GRIT TOP, LID SURFACE ONLY
FITTINGS: ALL FITTINGS TO BE FLAT—FACED FLANGE

BOLT PATTERN DRILLED TO ASME B16.5 CLASS 150 HOLES TO STRADDLE CENTERLINES

ALL NOZZLES \$04" TO BE SUPPORTED W/ CONICAL GUSSETS

(3/2) - MRMRM

(4/2) - MRMMRM

(4/3) - MRMRMRM

ALL FITTINGS TO HAVE WOOD BLIND FLANGE FOR TRANSPORT

HARDWARE: 316 STAINLESS STEEL (N8 CLAMPS & MIXER FRAME)
DESIGN REFERENCE: SSTPV DWG 5273-19-TANK ASSM. 1 REV 7
DESIGN STANDARD: ASME RTP-1 2019

HYDROSTATIC DESIGN PRESSURE: 8'-6" W/ SG = 1.2

INT./EXT. DESIGN PRESSURE: ATMOSPHERIC - TANK TO BE VENTED AT ALL TIMES DURING OPERATION TOP HEAD DESIGN LOAD: 50 PSF UDL

DESIGN TEMPERATURE: 30°C MAX OPERATION/ 70°C CIP

HOLD-DOWN LUGS: 4 LUGS EVENLY SPACED ON 8'-6" B.C.D. SECURE W/ GROUND ANCHOR (SUPPLIED BY OTHERS)

SUPPORT: TANK SKIRT TO BE FULLY SUPPORTED DURING OPERATION
CONSTRUCTION STANDARD: ASME RTP-1 2019

QUALITY CONTROL STANDARD: SCT QC LEVEL 2

NOMINAL CAPACITY: 3,080 US GAL MAXIMUM CAPACITY: 3,080 US GAL EMPTY TANK WEIGHT: 1,700 LB LOADED TANK WEIGHT: 32,500 LB

* ALL CONNECTIONS TO THIS PRODUCT REQUIRE A FIELD OR EXPANSION JOINT TO BE LOCATED WITHIN 1 METER OF THE CONNECTION TO ACCOMMODATE TYPICAL FABRICATION TOLERANCES. INSTALLATION WITHOUT FIELD OR EXPANSION JOINTS WILL VOID RELATED CLAIMS OF NON-CONFORMITY.

UNLESS OTHERWISE NOTED, DIMENSIONS SHOWN IN FEET-INCHES TO OUTSIDE OF THE TANK

PROFESSIONAL SEAL

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С	CUSTOMER REVISION		DEC 15/21				
В	ISSUED FOR CUSTOM	ER REVIEW	DEC 3/21		Composit	e Technologies Ltd	
Α	GA-ISSUED FOR CUS	TOMER REVIEW	NOV 19/21	Fibreglass	s Fabricator	Winnipeg, Canada	
	REVISION		DATE				
CI	ustomer RANDALL PLUMBII WINNIF	NG & HEATING Peg, mb		SAL	TIONAL FOODS INE TANK 10'-6" HIGH		
DRA	AWN CSD	CLIENT PO NO. 04632-00	1263	GENERAL ARRANGEMENT			
DAT	NOVEMBER 15, 2021	SCALE N.T.S.		PROJECT NO.	33397	SCT DRAWING NO. REV. 5066 1 of 3 C	

