

Form No.  
 F-0916

**DOCUMENT TRANSMITTAL**

Page 1 of 1

From:

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*Project Manager*

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To:

**Peter Wasylyshyn**
*Vice President - Randall P&H Ltd.*

 Email: [peter@randallplumbing.com](mailto:peter@randallplumbing.com)

SCT Project No:	<b>33397</b>	Customer PO No:	<b>04632-001263</b>
Project Title:	<b>Merit Foods</b>	SCT Reference No:	<b>2021-282</b>
Transmittal No:	<b>03</b>	Transmittal Date:	<b>December 16, 2021</b>

Issue Purpose:

☐

Information Only

☒

Review and Approval

☐

Approved for Fabrication

☐

Preliminary

☐

Proceed with Fabrication

☐

Final As-Builts

Transmittal Via:

☒

E-Mail

☐

Fax

☐

Mail

No. of Sheets	Dwg. / Doc. No.	Revision	Description
3	5066	C	8'Ø x 10'-6" H Saline Tank



Sent By:

**Bon Bacani**

On Behalf of:

**Structural Composite Technologies Ltd.**

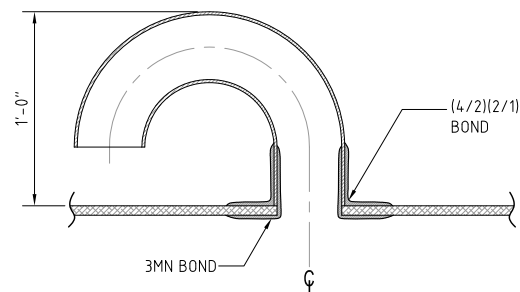
Received:

**Peter Wasylyshyn**

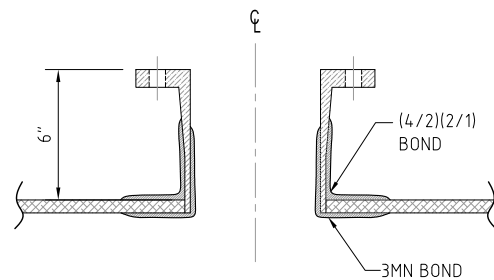
Date:

**December 16, 2021**

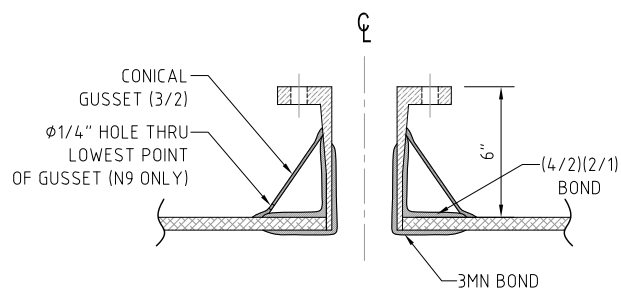




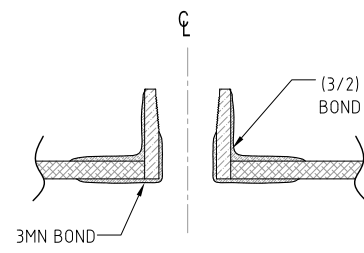
**FITTING DETAIL  
(N1)**



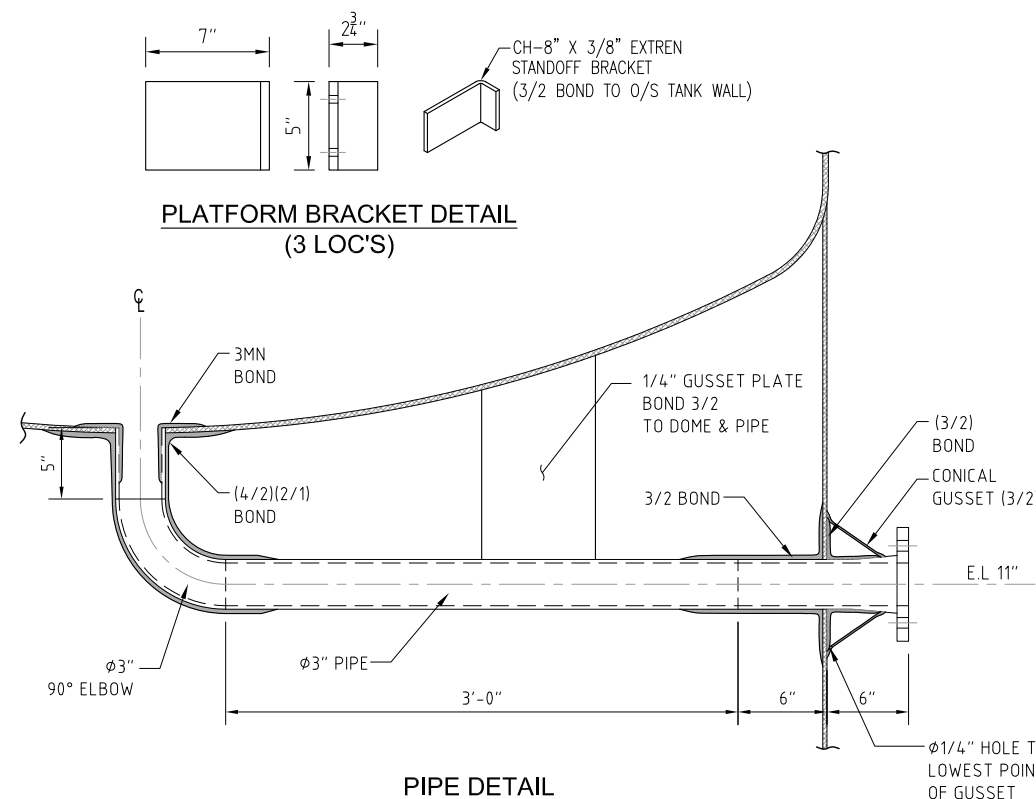
**FITTING DETAIL  
(N3)**



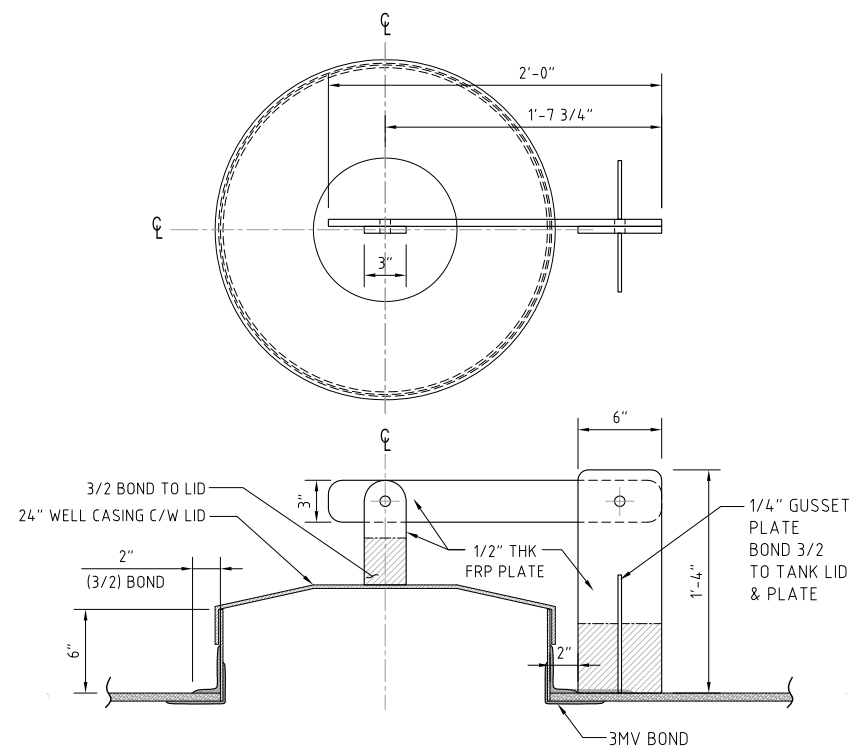
**FITTING DETAIL  
(N2, N9 & N10)**



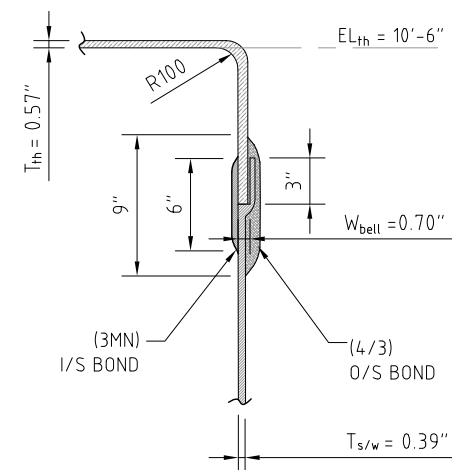
**FITTING DETAIL  
(N4, N6, N7 & N11)**



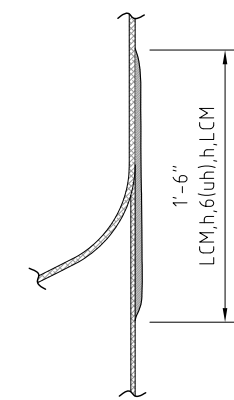
**PIPE DETAIL  
(N5)**



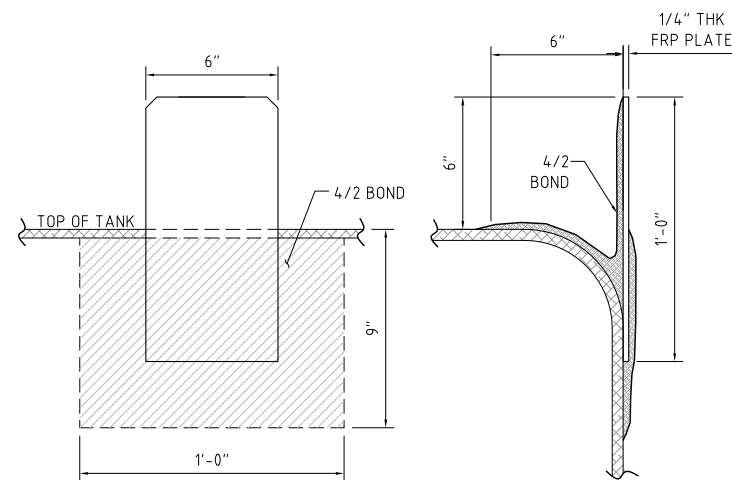
**ACCESS PORT DETAIL  
(N8)**



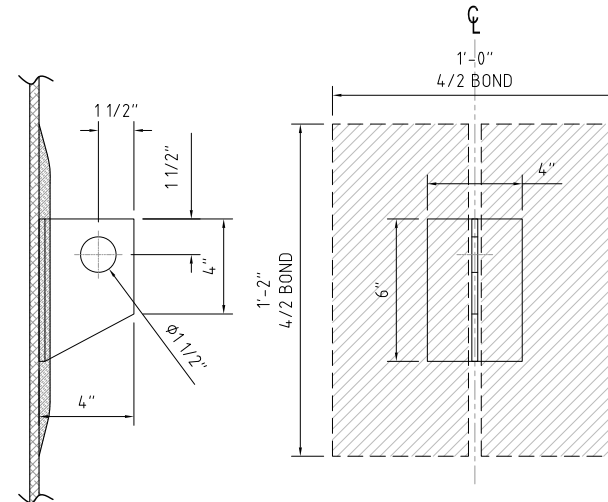
**TOP HEAD JOINT TO SW DETAIL**



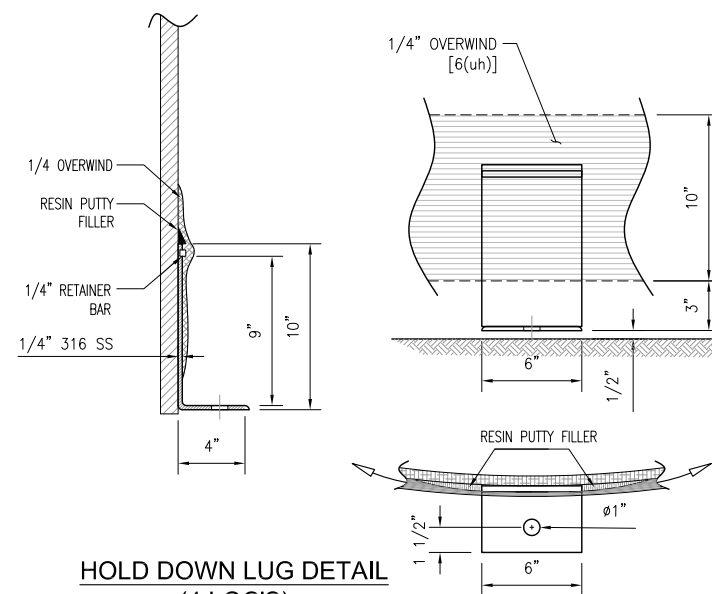
**SKIRT  
BONDING DETAIL**



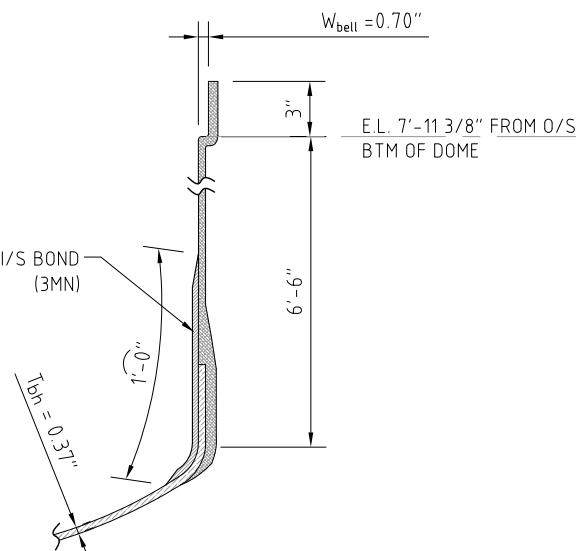
**HANDRAIL (HR) TAB DETAIL  
(5 LOC'S)**



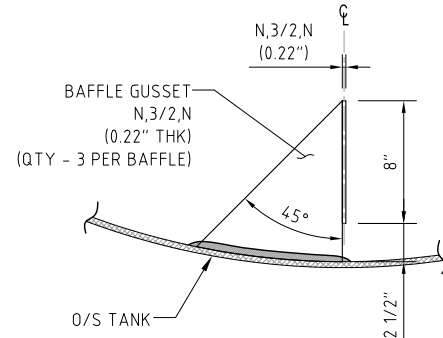
**LIFTING LUG DETAIL  
(2 LOC'S)**



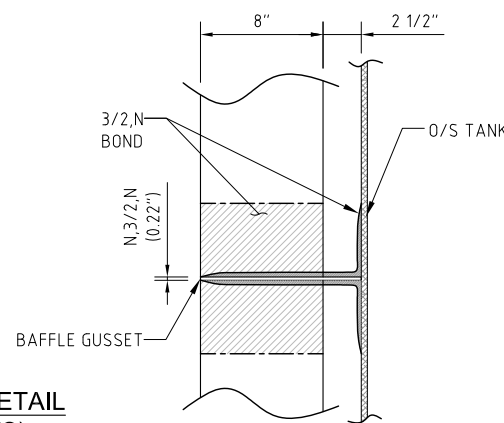
**HOLD DOWN LUG DETAIL  
(4 LOC'S)**



**BOTTOM HEAD DETAIL**



**BAFFLE DETAIL  
(4 LOC'S)**



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

PROFESSIONAL SEAL

STRUCTURAL COMPOSITE TECHNOLOGIES LTD. RESERVES PROPRIETARY RIGHTS ON THIS DRAWING OR ANY PART OF THE INFORMATION CONTAINED THEREON. THIS DRAWING SHALL BE CONSIDERED CONFIDENTIAL MATERIAL AND IS NOT TO BE USED FOR COMPETITIVE BIDDING NOR FOR USE WITH ANY PROCUREMENTS OTHER THAN FROM STRUCTURAL COMPOSITE TECHNOLOGIES LTD.

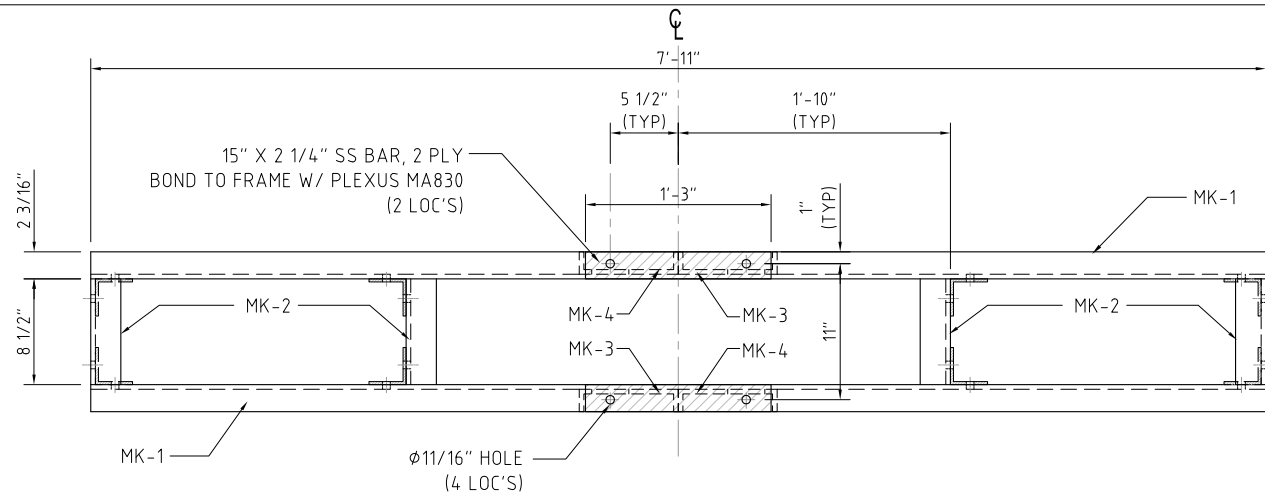
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C	CUSTOMER REVISION
B	ISSUED FOR CUSTOMER REVIEW
A	GA-ISSUED FOR CUSTOMER REVIEW
REVISION	DATE

CUSTOMER	MERIT FUNCTIONAL FOODS CORPORATION
ROSSER, MB	
DRAWN	CSD
DATE	NOVEMBER 15, 2021
CLIENT PO NO.	04632-001263
SCALE	N.T.S.

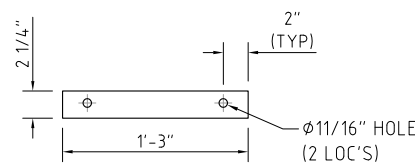
**STRUCTURAL**  
Composite Technologies Ltd  
Fibreglass Fabricator  
Winnipeg, Canada

MERIT FUNCTIONAL FOODS  
SALINE TANK  
Ø8'-0" X 10'-6" HIGH  
FITTING DETAILS

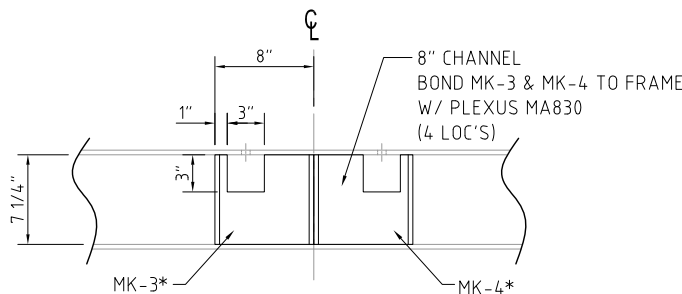
PROJECT NO.	33397
SCT DRAWING NO.	5066 2 of 3
REV.	C



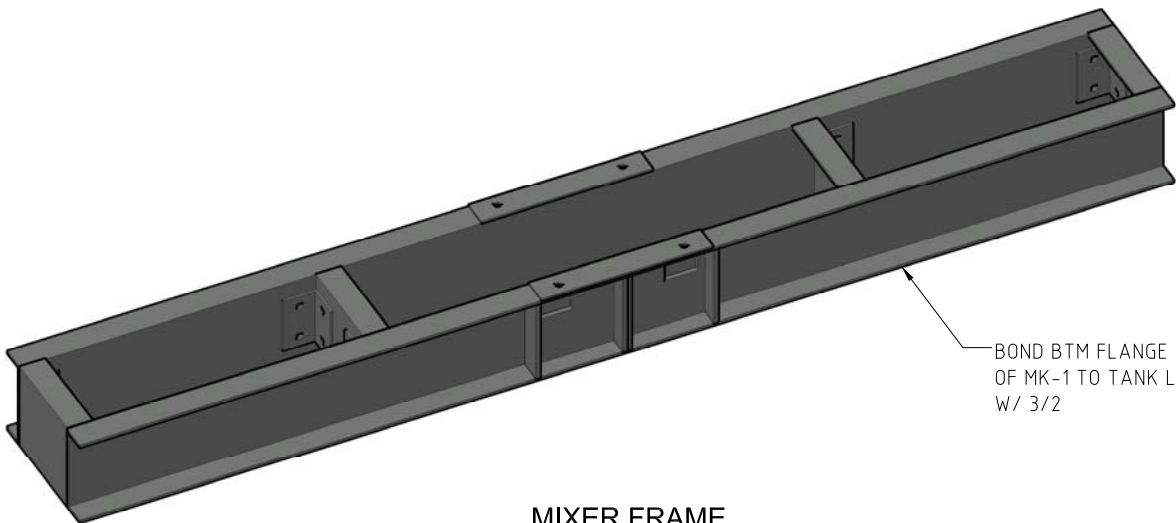
MIXER FRAME  
PLAN VIEW



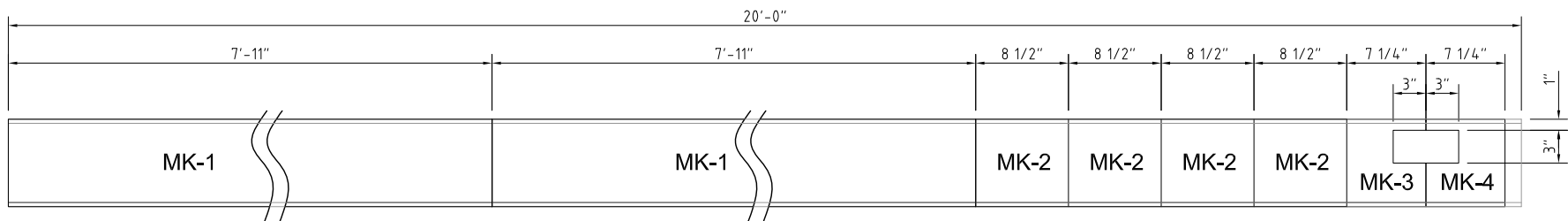
3/16", 304 SS BAR  
(QTY - 2)



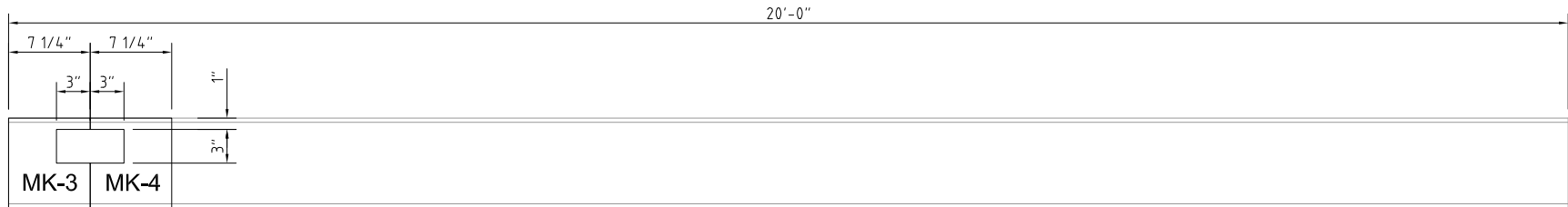
MK-3 & MK-4 INSTALLATION DETAIL  
\* TRIM 3/8" FROM MK-3 & MK-4 FLANGES



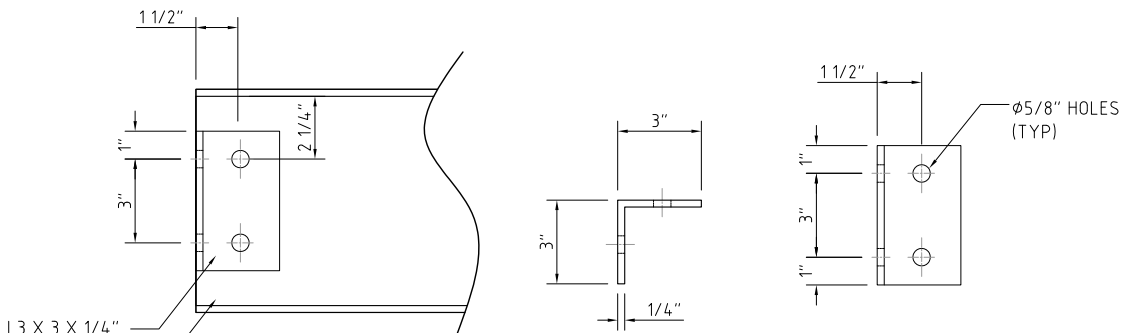
MIXER FRAME  
ISOMETRIC VIEW



CH 8" X 3/8"  
(QTY - 1)



CH 8" X 3/8"  
(QTY - 1)



L3" X 3 X 1/4"  
(QTY - 8)

PO # 04632-001263

Liner: 1 PLY Nexus Veil, 2 PLY CSM (0.1" THK)

Liner Resin: AOC VIPEL F010

Structure Resin: AOC VIPEL F010

Max Operating Temperature: 30°C/70°C CIP

Tank Empty Weight: 1,700 LB

Tank Loaded Weight: 32,500 LB

Ø8'-0" X 10'-6" O/H

Hydrostatic Design Pressure: 8'-6" w/ SG=1.2

Internal Design Pressure: Atmospheric

External Design Pressure: Atmospheric

Tank Nominal Volume: 3,080 US GAL

Tank Maximum Volume: 3,080 US GAL

Construction Standard: ASME RTP-1 2019

STRUCTURAL

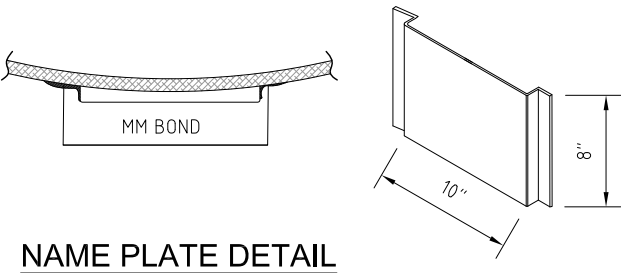
Composite Technologies Ltd

"Engineered for Excellence"

Winnipeg, Manitoba, Canada

Ph. (204) 668-9320

FEBRUARY 2022



NAME PLATE DETAIL

PROFESSIONAL SEAL

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

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2		
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C	CUSTOMER REVISION	DEC 15/21
B	ISSUED FOR CUSTOMER REVIEW	DEC 3/21
A	GA-ISSUED FOR CUSTOMER REVIEW	NOV 18/21
	REVISION	DATE
	CUSTOMER	
	MERIT FUNCTIONAL FOODS CORPORATION	
	ROSSER, MB	
DRAWN	CSD	CLIENT PO NO. 04632-001263
DATE	NOVEMBER 15, 2021	SCALE N.T.S.



MERIT FUNCTIONAL FOODS	
SALINE TANK	
Ø8'-0" X 10'-6" HIGH	
MIXER MOUNT DETAILS	
PROJECT NO. 33397	SCT DRAWING NO. 5066 3 of 3
REV. C	