



April 20, 2021

Manitoba Conservation and Climate
1007 Century Street
Winnipeg, Manitoba
R3H 0W4

Attention: Edwin Yazon

**Re: Tervita Redonda Transfer Station - Wash Bay Commissioning Approval
License 337
File No. 6046.00**

As a leader in environmental and energy services, Tervita Corporation (Tervita) has a strong track record of safety and environmental compliance and is committed to supporting the requirements of the Manitoba Conservation and Climate Change (MCCC).

Tervita submitted drawings to the MCCC in November 2020, with subsequent conversations between Tervita and the MCCC regarding a change in the design of the wash bay, where Tervita requested MCCC not approve the drawings submitted in 2020 until the new design was established.

As such, and in accordance with License 337, Condition 36, Tervita is submitting the following for Director approval prior to installing and commissioning the wash bay:

a) Detailed building floor plan showing the location of wash bay, equipment, drainage and wastewater collection system.

The location of the wash bay and related equipment are in Attachment 1. The bins will be washed on a raised steel grating in the wash bay allowing the wash water to collect below the wash bay (Attachment 2). Once the washing operation is complete, water will be pumped via a submersible pump as shown in Attachment 3 into the bulk liquid storage container within the secondary containment, or as noted on drawing. Tervita will also utilize an industrial drum vacuum as needed to ensure all liquids are removed from the wash bay containment to maintain integrity of the concrete. The wash bay frame will be constructed of galvanized steel and have a polyvinyl chloride (PVC) curtain system to prevent overspray when washing. Tervita will have the ability to remove the raised steel grating for routine cleaning and inspections.

b) Characteristics, method and rate of discharge of wastewater and residue;

The wash bay is used to rinse bins that mostly store oilfield and/or industrial waste. Most of the oilfield and/or industrial waste is contaminated with various hydrocarbons, including benzene, toluene, ethylbenzene and xylene (BTEX).

Characteristics – wastewater contaminated with BTEX, oily wastewater

Method – produced from cleaning bins that contained waste

Rate of discharge – Tervita expects to produce 5m³ of wastewater per month, based on future business expansion. Solids build up in the containment will be monitored and cleaned/removed as required. Based on analytical, a proper offsite disposal location will be chosen. Wastewater will not be discharged to the environment.

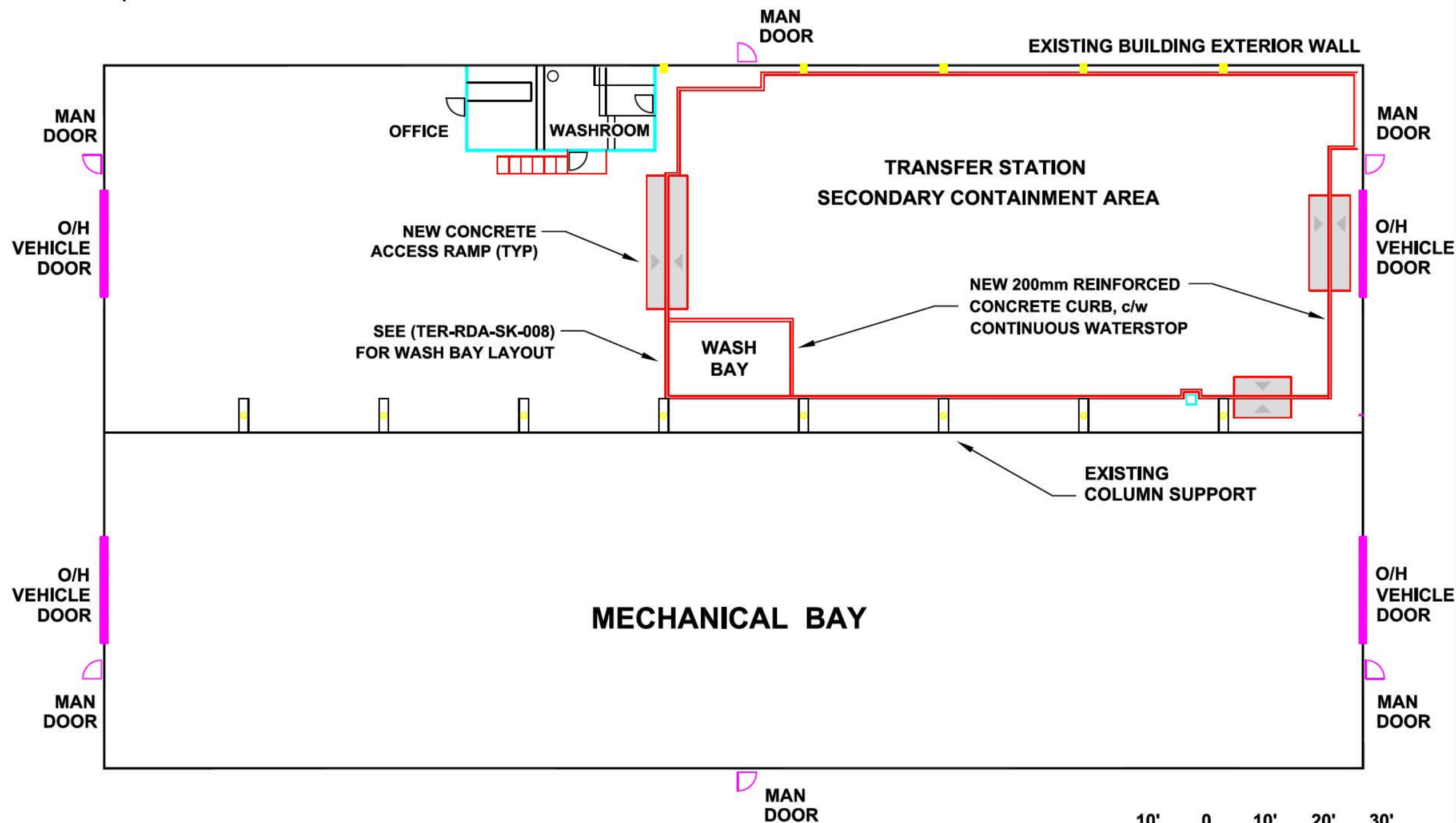
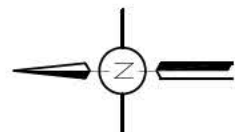


Sincerely,

Tervita Corporation

Advisor, Environment & Regulatory
asnodgrass@tervita.com

Attachment 1
Shop Layout



10' 0 10' 20' 30'
SCALE

X:\Facility Drawings\Redonda\TER-RDA-SK-003 Shop Layout.dwg, Apr 19, 2021 2:54:11pm, tlaw

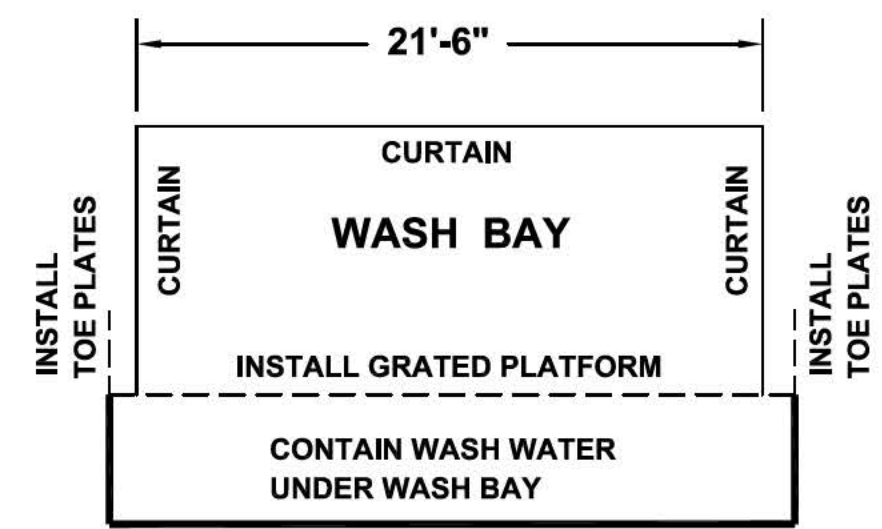
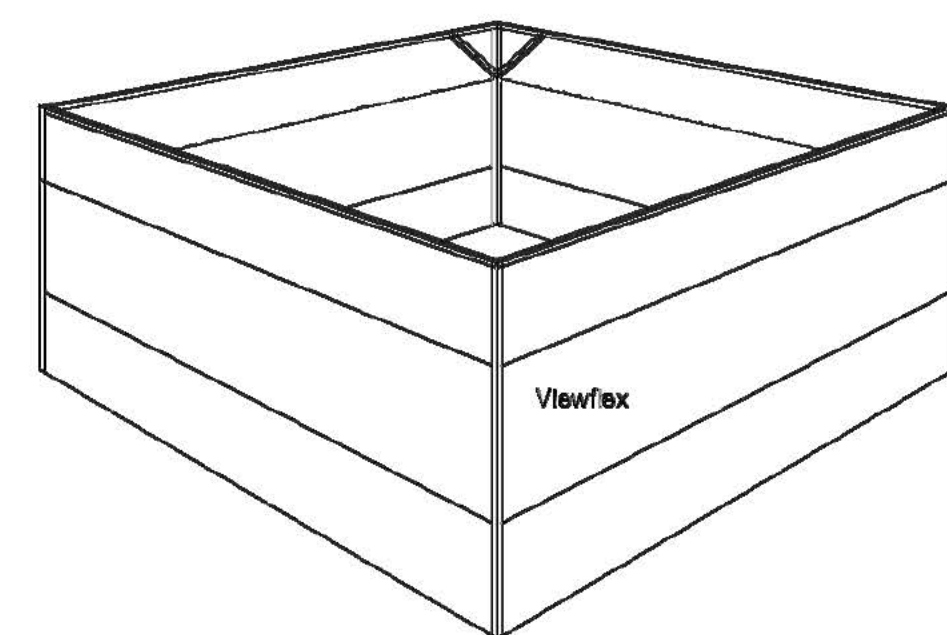
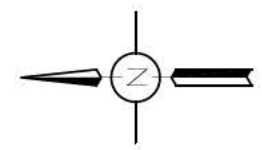
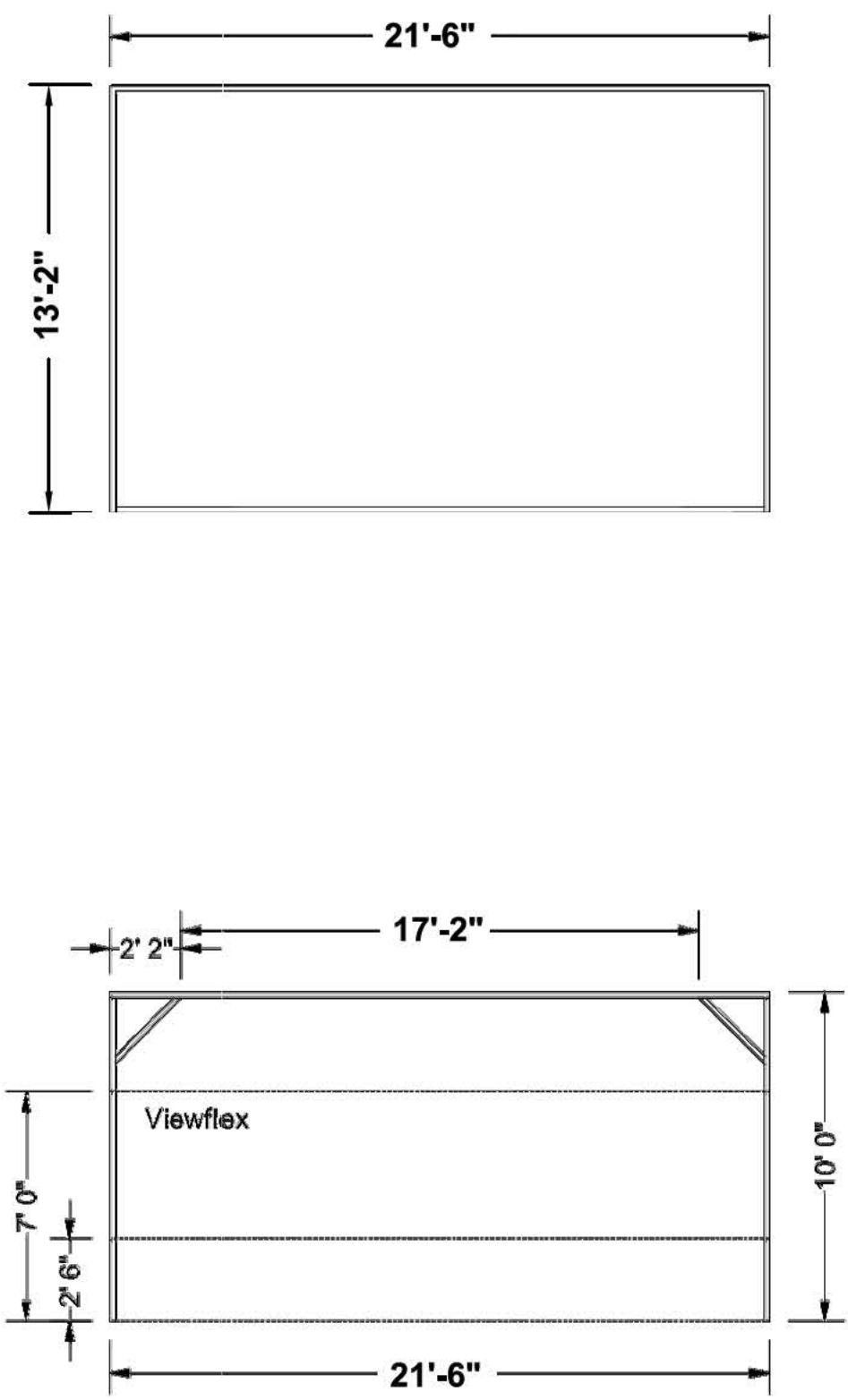
REV	DATE	REVISION DESCRIPTION	PROJ/AFE#	BY	CHK'D	APP'D
A	2021/04/12	ISSUED FOR APPLICATION	-	TL	NM	



REDONDA		
E. 1/2 16-11-04 E.P.M.		
LEGAL PROPERTY ADDRESS		
SPRINGFIELD MANITOBA		
REDONDA FACILITY		
SHOP BUILDING		
FLOOR LAYOUT		
SCALE:	1:500	DWG. No.
		TER-RDA-SK-003
		REV. A

Attachment 2
Wash Bay Details

X:\Facility Drawings\Redonda\TER-RDA-SK-008 wash bay.dwg, Apr 19, 2021 2:50:10pm, tlaw



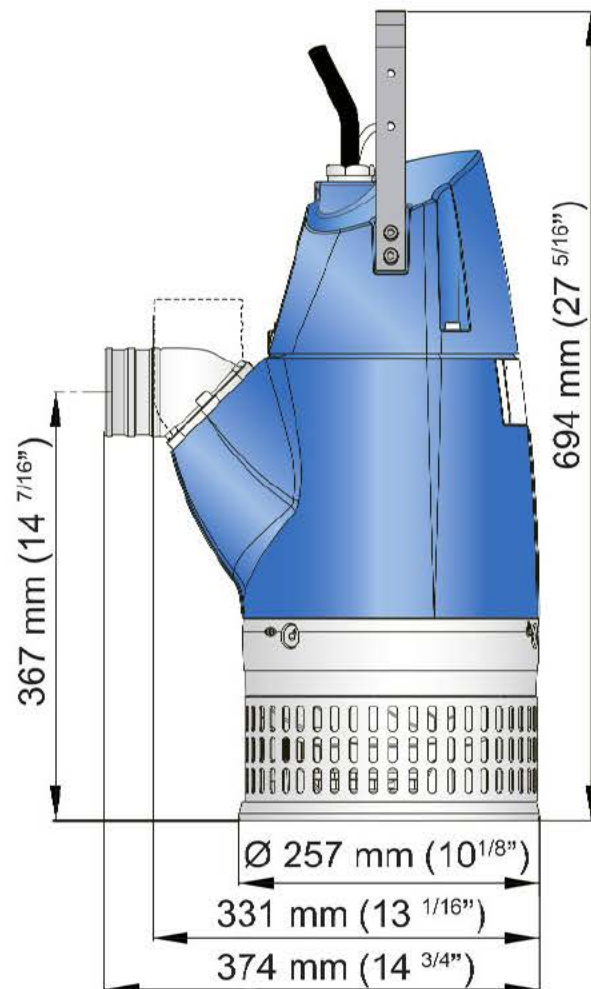
SEE (TER-RDA-SK-003) FOR SHOP BUILDING FLOOR LAYOUT

REV	DATE	REVISION	DESCRIPTION	PROJ/AFE#	BY	CHK'D	APP'D
A	2021/04/12	ISSUED FOR APPROVAL		-	TL	NM	



REDONDA		
LEGAL PROPERTY ADDRESS	E. 1/2 16-11-04 E.P.M.	
SPRINGFIELD MANITOBA REDONDA FACILITY WASH BAY LAYOUT		
SCALE: NONE	DWG. No. TER-RDA-SK-008	REV. A

Attachment 3
Pump Details



REV	DATE	REVISION DESCRIPTION	PROJ/APE#	BY	CHK'D	APP'D
A	2020/10/09	ISSUED FOR APPROVAL	-	TL	NM	



REDONDA			
LEGAL PROPERTY ADDRESS	E. 1/2 16-11-04 E.P.M.		
SPRINGFIELD MANITOBA REDONDA FACILITY XJ 25 SUBMERSIBLE DRAINAGE PUMP DETAILS			
SCALE:	NONE	DWG. No.	REV.
TER-RDA-SK-009		A	