				MARS SPACE CONSTRUCTION. LLC Montgomery, TX 77356 All we have to do is SCIENCE the HELL out if this
				Texas Registered Engineering Firm FXXX Work by Mars Space Construction, LLC
			Α	Doc. I.D. DES-Starship-017 Page 1 of 1 REV. A
		Reque	REV	Description Eng Date Appr Date Job No. XXXXXXXXX By: Date REVISION HISTORY
Z		est fo		
REV.	×	Request for Quotation		Title: Starship Module - MSC Water Processing Plant
				Design Variables need to be defined:
DATE	×			What is the amount of water needed per person? On the ISS astronauts limit water use to only about three gallons (11 liters) per day. (NASA)
				Need to extract 1 ton of ice per day to produce drinkable water and air for the base.
ВҮ	×			Water sources can include carry from Earth, by product from using fuel cells usage, recycle waste from Human Urine, extraction ice from Mars ore.
APPR.	×			Carrying on Water from Earth requires expensive storage.
NO.	×			Recycle Waste Human Urine for water is an existing process used on Space Station by NASA
п				Water/Oxygen Extraction Equipment can extract water and oxygen from ice with H2O (ice) water from soil
FIRM	×			We can also extract water from fuel cells used.
				(Sustenance In Space by NASA)
				(link to Oxygen Module)
			NOTE	s: 1) XX
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