	8] 7		1	6	5			4		;	3			2			1	
						MATER	RIAL SCHEDULE									GEN	ERAL NO	TES		
DIE	NNO C	VOTEM	PIPE	Т	AKEDOWN JOINTS		VALVES		FLEY CONN'S	FITTINGS	MAX WOR	KING CONDI	TIONS	REMARKS		EM DESIGN, MAT IP SHALL BE IN				
PIF	PING SY	SIZ	ZE MATERIAL	MATERIAL	GASKETS/ COUPLINGS	BOLTING	BODY	TRIM	FLEX CONN'S	TYPE & MATERIAL	SYSTEM	PRESSURE	ТЕМР	REMARKS	REQUIREMEN		NOOGNERINGE	Will 0.5. 00	7.31 007111	,
WATE SYSTE D	CAND R SANI EM CLAS	TARY	80, TYPE IV, SOCK GRADE 1 CPVC GRAY, ASTM NSF/ D1784, ASTM NSF/ANSI F1970	/PE IV, SOCKET UNION: FL 1 CPVC TYPE IV, GRADE 1, EF ASTM NSF/ANSI STANDARD 14 S' ASTM F441, F439, F437, XF NSI F1970, SCH 80, ANSI		MOLDED BOLTS: FLUORELASTOM ER, GARLOCK ANSI B18.2.1, GR B NUTS: STEEL, ASTM A307, ANSI B18.2.1, GR B NUTS: STEEL, ASTM A563, ANSI B18.2.2, GR A		SAE J1942, REUSABLE FITTINGS SAE 1475 EXP JOINTS: ASTM F1123		CPVC SCH 80, TYPE IV, GRADE 1 GRAY, ASTM D1784, NSF/ANSI STANDARD 14	SANITARY ATM 140° DRAINS		140°F		PIPING ARRA THE CONTRA CONTRACTOR MANUFACTUR	G IS A DIAGRAM NGEMENTS WITH CTOR. DIAGRAM BASED ON THE RER'S CERTIFIED	IN THE VESSEL DATA SHALL E ACTUAL PIPIN DATA FOR EQU	SHALL BE D BE CONFIRMED NG ARRANGEM UIPMENT SELE	EVELOPED BY THE MENTS AND ECTED.	BY
SYSTE	BLE WA EM CLAS		STANDARD 14 B16.5 CPVC SCD 80 CPVC ASTM D1784 ASTM F441 NSF 61	, ASTM F439 ET FLANGE, ASME	FULL FACE, NSF 61, ASTM D1330	ANSI B18.2.1	/C, NSF/ANSI 61 & 372	CPVC	NONE	CPVC, SOCKET UNION ASTM F439	COLD HOT	60 PSI	140°F	SEE GN 6	AND LADDER MAINTENANC AND, AS MU READY REMO TAKEDOWN		CCESS FOR OF SS TO ALL DOO TICABLE, BE FF ENT AND COMF	PERATION AND ORS, HATCHES REE OF INTERI PONENTS USIN) ROUTINE S AND OPE FERENCE T NG PIPING	ENINGS; O THE
	EQUIPMEN							NT LIST								ND DECK PIPING FUMETIGHT AND BODY REQUIRED TTED TO MAINTA) FIRE RATING MENTS. REINF	OF THE BOUI	NDARY PER TRATION SL	₹
- 11	ID QTY DESCRIPTION			CAF	ACITY/RATING	MFR AND PART NO.		REMARKS							BOUNDARY.					
533	533-01 1 POTABLE WATER PUMP AND TANK SKID			SKID 3/4 HP MC	OTOR, 65 PSI TANK	GOULDS JRS7 AND V45 (OR EQUAL)		240VA	240VAC/1PH, 5.6A, 30-50 PSI PRESSURE SWITCH, PRE-CONFIGURED WITH TANK MOUNTED PUMP							5. SYSTEM INSTALLATION SHALL COMPLY WITH THE FOLLOWING ASTM SHIPBUILDING AND MARINE TECHNOLOGY STANDARDS:				
533	533-02 1 POTABLE WATER STORAGE TANK			550 GAL		ENDURAPLAS THF00500 (OR EQUAL)		TRANS	TRANSLUCENT POLYETHYLENE, CUSTOM BULKHEAD FITTINGS INSTALLED BY MANUFACTURER											
533	533-03 1 SANITARY WATER HOLDING TANK			550 GAL		ENDURAPLAS THF00500 (OR EQUAL)		TRANS	TRANSLUCENT POLYETHYLENE, CUSTOM BULKHEAD FITTINGS INSTALLED BY MANUFACTURER							A. RIGID PIPE HANGERS SHALL BE IN ACCORDANCE WITH <u>ASTM F708.</u> EXCEPTION: PARAGRAPH 1.3 IS NOT APPLICABLE.				
533	533-04 1 POTABLE HOT WATER HEATER			1.8 GPM @	55°F RISE	BOSCH TRONIC 3000 US12 (OR EQUAL)		240VA	240VAC/1PH, 50A, TANKLESS, POINT-OF-USE							B. INSTRUMENTATION PIPING ASSEMBLIES SHALL BE IN ACCORDANCE				
	533-05 1 CREW MESS SINK					MOEN GS2245622 (OR EQUAL)			STAINLESS, DROP-IN, 4" 2 HOLE MOUNT							WITH <u>ASTM F721</u> . EXCEPTION: INSTALL 1/2—INCH ROOT VALVE WITH ≤ 4 INCH STAND—OFF.				
С ——	533-06 1 CREW MESS FAUCET			1.2 GPM		MOEN 8948 (OR EQUAL)			2 HANDLE, 4" 2 HOLE MOUNT							C. VALVE LABEL PLATES SHALL BE IN ACCORDANCE WITH ASTM F922.				
	533-07 1 LAVATORY SINK			_		AMERICAN STANDARD 0124.024.020 (OR EQUAL)										INSTALL TYPE 1, GRADE E, CLASS 2, LETTER SIZE 2, PLATE SIZE TO SUIT.				
	533-08 1 LAVATORY FAUCET			0.5 GPM		AMERICAN STANDARD 7385.050.002 (OR EQUAL)									D. ALL DECK PENETRATIONS SHALL BE REINFORCED WITH METALLIC					
	533-09 1 LAVATORY TOILET			1.1 GPF	LIMITO	AMERICAN STANDARD 2854111.020 (OR EQUAL)		TOILET AND SPUD WITH FLUSH VALVE						SLEEVES. 6. POTABLE WATER COMPONENTS SHALL BE LEAD FREE, AND COMPLY WITH						
	533-10 1 WATER HAMMER ARRESTOR			8 FIXTURE		WATTS LF15M2-A (OR EQUAL)			1/2" NPT, 60 PSI PRELOAD						NSF 61. PUN	IPS, VALVES, AN				
533	-11	2 LIQUID L	2 LIQUID LEVEL SENSOR		HLA, AND LLA	HEADHUNTER TANK SENTRY (OR EQUAL)		24VDC	24VDC/0.4A (PILOTHOUSE MONITOR), 120VAC/0.13A (TANK PROBE), NYLON TUBE PRESSURE PROBE					CERTIFIED. 7. CLEANOUTS SHALL BE PROVIDED AT THE ENDS OF HORIZONTAL PIPE						
	PIPING SYMBOL LIST														AINAGE PIPING S UDINALLY AND	1/4 PER F00	PED AT LEAST IT TRANSVERS	ELY.		
SYM	SYMBOL DESCRIPTION		SYMBOL		DESCRIPTION									KEQUIKEMEN	13.					
В —		— PIPE, POTABLE (COLD)			PIPE, POTABLE (H	ЭТ)														
_	_	PIPE, SEWAGE X" DIRECTION OF			DIRECTION OF FLO	F FLOW ARROW WITH PIPE SIZE			· · · · · · · · · · · · · · · · · · ·											
	REDUCER, CONCENTRIC		\bowtie	VALVE, GLOBE																
	VALVE, BALL		Z ₁	VALVE, SWING CHECK											F	REVISIONS	<u> </u>			
	DECK DRAIN			PIPING SLEEVE, DECK PENETRATION										ZONE REV	D	ESCRIPTION		DATE	APPD	
	 ;	Т			TER SEAL AND DRAIN TRAP															
		HOSE SPIGOT		1	PUMP, CENTRIFUG	AL														
	SINK FAUCET, HOT AND COLD MIXING			TOILET																
Į.			HLA	HIGH LEVEL ALAR																
	<u> </u>	GAGE, PRESSURE, LOCAL READING		PS	PRESSURE SWITCH								بيود	REY M. R.	AT CO.	Si	KAGIT COUN	TY PUBLIC ON, WASHINGTON	WORKS	
		WATER HAMMER ARRESTOR		ſ	VENT, TANK			REFERENCES						GUEMES ISLAND FERRY REPLACEMENT SANITARY AND POTABLE WATER						
$ \preceq $	<u></u> L		REVENTER, RPZ	F	LIQUID LEVEL SEN	SOR				17097.02-070-01: GENERA 17097.02-832-01: TECHNIC	AL SPECIFICATION		52278 52278 52278 52378 52378 52378 52378		Sowing With Pride		losten	More than DESIGN. T+1	WESTERN AVENUE TTLE, WASHINGTO 206.624.7850 GL	E, SUITE 200 IN 98101 OSTEN.COM
₽	BIMETALLIC TRANSITION, FLANGED								17097.02-506-01: VENTS 17097.02-521-01: FIREMA			Ť			Danis Oh	ecked Approve	· 10:	Issue Date 2020/0		
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