

SUPPLY MANIFOLD (002-UHMS-A11a-21-397-S80):

PIPING CLASS DESCRIPTION (GS-5210-A11a):

- 2" AND 3/4" PIPING, BUTT, SOCKET, AND FILLET WELD, ASTM A106-B SMLS, S-80, ASME B26.10M
- FLANGE, CL300, ASTM A105N, S-80, ASME B16.5
- 2" TEE AND ELBOW, BUTT WELD, S-80, ASTM A234-WPB-S, ASME B16.9
- 2" SOCKOLET, CL 3000, IRE x SW, ASTM A105N, MSS SP-97

VALVE CLASS DESCRIPTION (GS-5300-BA):

- 2" Y-STRAINER, CL 300, ASTM A216 GR. WCB, 1/8" PERF
- 2" GATE VALVE, CL 300, RF, A216-WCB, TRIM 8, FP
- 3/4" GATE VALVE, CL 800, SW x TE, A105N, TRIM 8, BB

GLYCOL SUPPLY AND RETURN MANIFOLD

EG/WATER: 50%/50% WT%

2" SUPPLY AND RETURN MANIFOLD
KILLED CARBON STEEL, ASME B31.3-10, ASME 150, C.A. 1.5MM, SWEET SERVICE
DESIGN TEMP: 120 C, OPERATING TEMP: 100 C - 80 C
DESIGN PRESS: 1693 kPag, OPERATING PRESS: 650 kPag - 480 kPag

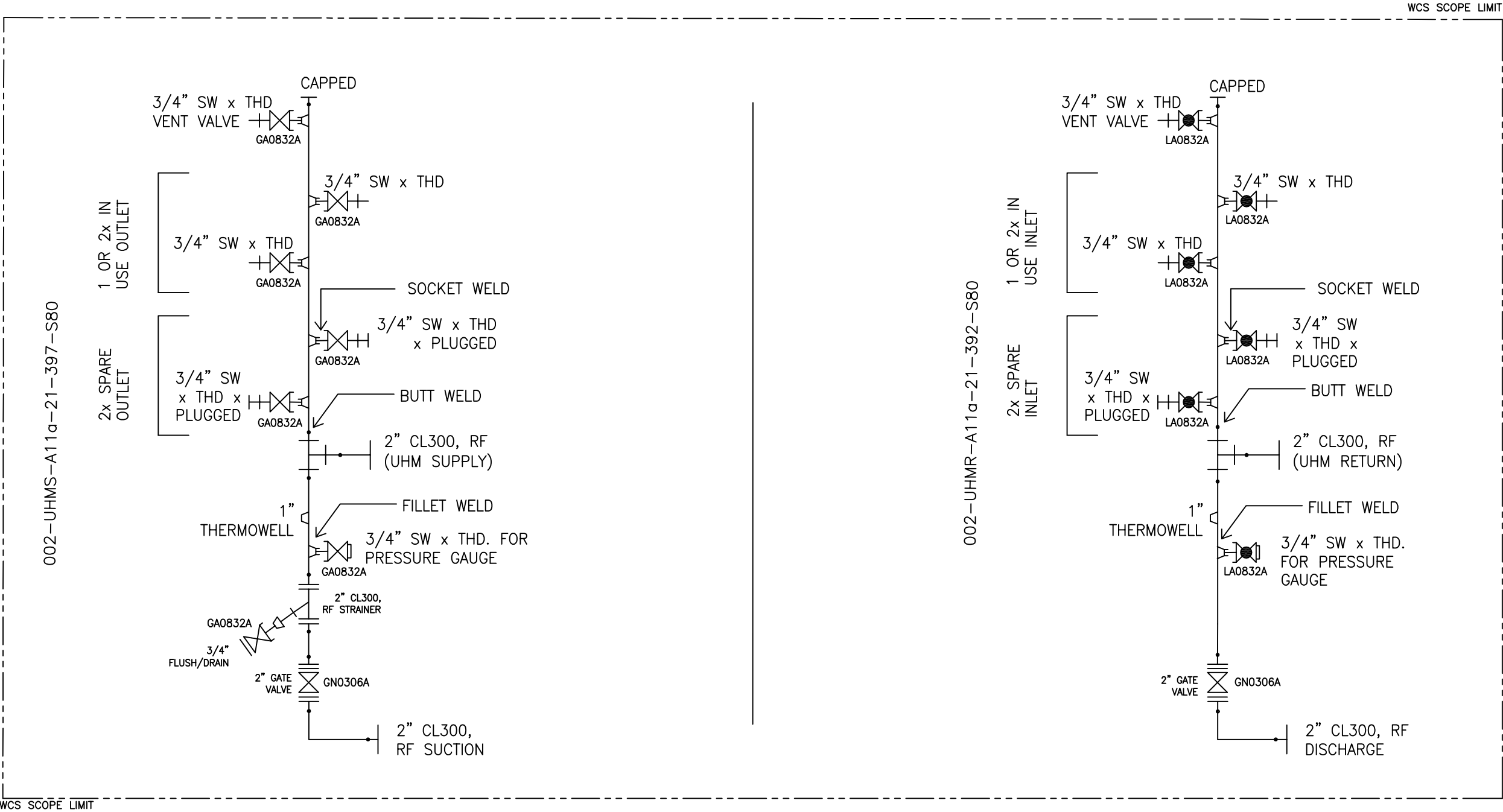
RETURN MANIFOLD (002-UHMR-A11a-21-392-S80):

PIPING CLASS DESCRIPTION (GS-5210-A11a):


- 2" AND 3/4" PIPING, BUTT, SOCKET, AND FILLET WELD, ASTM A106-B SMLS, S-80, ASME B26.10M
- FLANGE, CL300, ASTM A105N, S-80, ASME B16.5
- 2" TEE AND ELBOW, BUTT WELD, S-80, ASTM A234-WPB-S, ASME B16.9
- 2" SOCKOLET, CL 3000, IRE x SW, ASTM A105N, MSS SP-97

VALVE CLASS DESCRIPTION (GS-5300-BA):

- 2" GATE VALVE, CL 300, RF, A216-WCB, TRIM 8, FP
- 3/4" GLOBE VALVE, CL 800, SW x TE, A105N, TRIM 8, BB



GENERAL NOTES				No.	DATE	REVISION	DWN.	CHK.	APP.	DESIGN DATA:			
1.) THIS DRAWING MAY NOT BE DISCLOSED TO A THIRD PARTY OR REPRODUCED WITHOUT WRITTEN CONSENT.				0	17-JULY-13	FIRST ISSUE	HM	SA		ELASTOMERS:			
2.) FEED ENTERS ON THE BOTTOM, OTHERWISE DRAIN VALVE NEEDED										GASKETS:			
										ELECTRICAL AREA CLASSIFICATION:			

 WAVE CONTROL <i>systems Ltd.</i> DESIGN & MANUFACTURING OF FLUID CONTROL SYSTEMS	EDMONTON, ALBERTA. Tel:(780) 468-4320, Fax (780) 468-4933
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CLIENT: DEVON CANADA CORPORATION	
PROJECT: DEVON FERRIER LIQUID EXTRACTION PLANT-SHALLOW CUT P&ID LUBE OIL STORAGE TANK AND PUMP	
SCALE: NTS	JOB No.: 1304102
DWG. No.: WCS-P-1304102A-02	REV. 0