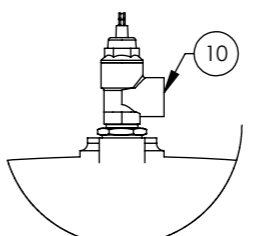


LOW WATER CUTOFF AND PUMP
[NOT FULLY DETAILED]



TOP OF TANK CONNECTION
PIPING HIDDEN FOR CLARITY

BACKSIDE VIEW OF THE WATER HEATERS

ITEM	DESCRIPTION	QTY	CONNECTION
1	VENT INTAKE	1	10" CONN
2	VENT EXHAUST	1	10" CONN
3	GAS REGULATOR 2 PSI NG/LPG	1	2" NPT
4	CONDENSATE OUTLET	1	1-1/2" SOC
5	STORAGE TANK 42 DIA 500 GALLON	1	
6	LOAD CENTER	1	(208/240)/1/60
7	CASCADE PANEL	1	
8	ABH-599	4	
9	COLD WATER INLET	1	3" FLG ANSI 150
10	TANK RELIEF VALVE 125#	1	1" NPT
11	HEATER RELIEF VALVE 125#	4	3/4" NPT
12	MIXED WATER OUTLET	1	3" FLG ANSI 150
13	RECIRC RETURN INLET	1	2" SWT
14	DMC80 ASSEMBLY	1	SEE DMC APPROVAL SHEET
15	CIRCULATOR PUMP 39.6 GPM	1	
16	LOW WATER CUT-OFF	4	
ITEM	CONNECTION		
WATER PIPING	COPPER TYPE "L"		
VENTING CONNECTIONS	SS		
TANK INSULATION TYPE	BARE METAL		
TANK LINING	GLASS		

APPROVAL

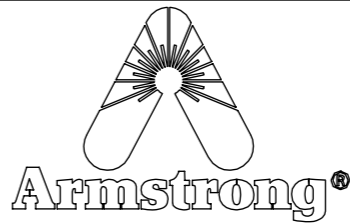
BY: _____ DATE: _____

APPROVED, PROCEED WITH FABRICATION

APPROVED AS NOTED, PROCEED WITH FABRICATION IN ACCORDANCE WITH COMMENTS

DISAPPROVED, DO NOT FABRICATE

DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE SPECIFIED		
DIMENSIONING ENGLISH [mm]		
FRACTIONAL ± 1/64		
ANGULAR: ± 2		
DECIMAL	.XXXX ± .0005	MM
	.XXX ± .005	.10
	.XX ± .015	.10
	.X	.3



	NAME	DATE
DRAWN	CFG	5/18/2015
RELEASED		

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ABH599MD 4 500AR CWIS NAT GAS DMC80

MATERIAL	SHEET 1 OF 1
CN69799	REV A SALES

- NOTES:
- CLERANCE NOTE: LEAVE 24[610] SERVICE CLEARANCE INFRONT OF THE ABH BOXES. LEAVE 18[457] SERVICE CLEARANCE INFRONT OF THE TANK MANWAY
 - (10) AND GAUGES ARE SHIPPED LOOSE. TO BE INSTALLED IN FIELD
 - N/A
 - ALL PIPING FROM DMC TO TANK AND WATER MANIFOLD TO TANK WILL NEED SUPPORTS ADDED IN THE FIELD AS REQUIRED
 - LEAVE 12[305] OF SERVICE CLEARANCE FOR THE FRONT OF THE DMC