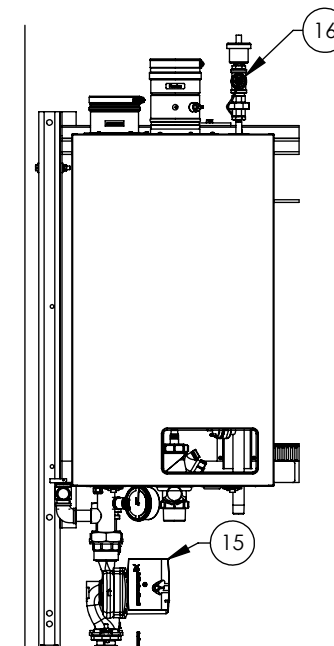
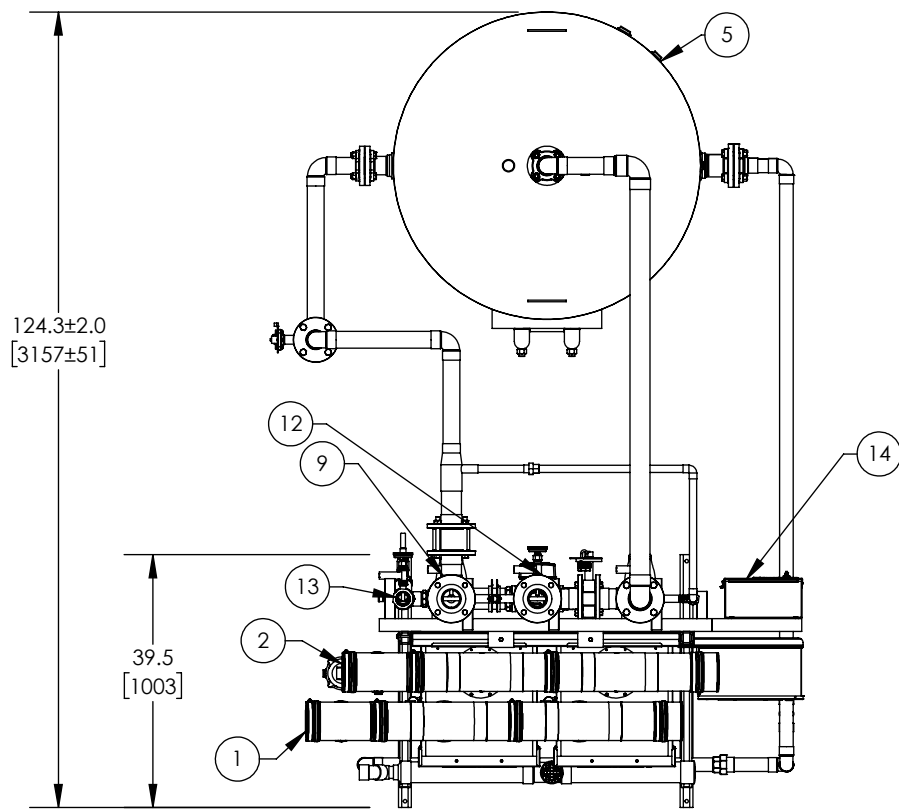
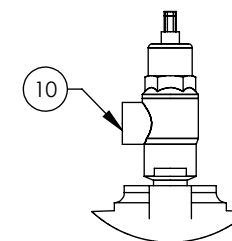
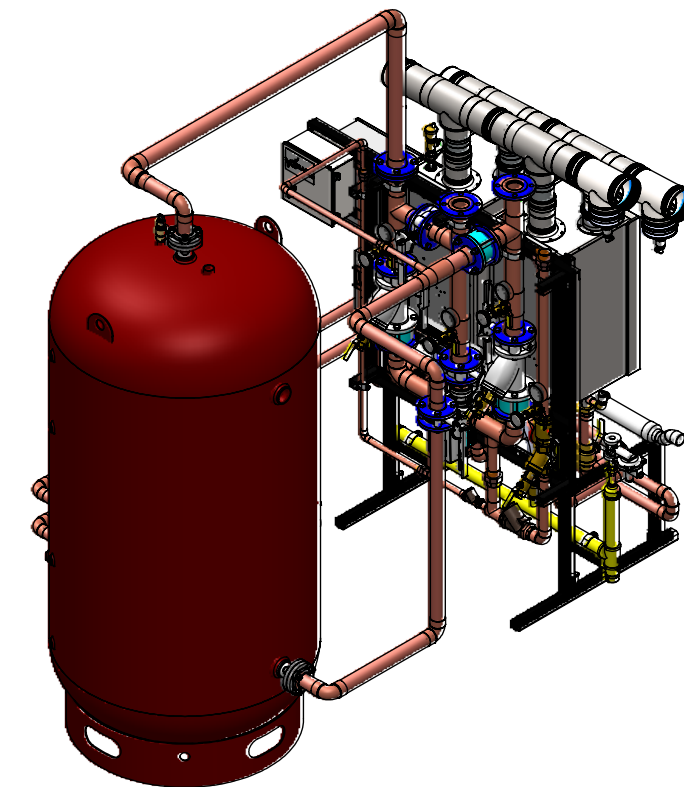




LOW WATER CUTOFF AND PUMP  
[NOT FULLY DETAILED]



TOP OF TANK CONNECTION  
PIPING HIDDEN FOR CLARITY



BACKSIDE VIEW OF THE WATER HEATERS

| ITEM | DESCRIPTION                    | QTY | CONNECTION             |
|------|--------------------------------|-----|------------------------|
| 1    | VENT INTAKE                    | 1   | 6" CONN                |
| 2    | VENT EXHAUST                   | 1   | 6" CONN                |
| 3    | GAS REGULATOR 5 PSI NG/LPG     | 1   | 3/4" NPT               |
| 4    | CONDENSATE OUTLET              | 1   | 1-1/2" SOC             |
| 5    | STORAGE TANK 48 DIA 750 GALLON | 1   |                        |
| 6    | LOAD CENTER                    | 1   | (208/240)/1/60         |
| 7    | CASCADE PANEL                  | 1   |                        |
| 8    | ABH-399                        | 2   |                        |
| 9    | COLD WATER INLET               | 1   | 3" FLG ANSI 150        |
| 10   | TANK RELIEF VALVE 125#         | 1   | 3/4" NPT               |
| 11   | HEATER RELIEF VALVE 125#       | 2   | 3/4" NPT               |
| 12   | MIXED WATER OUTLET             | 1   | 3" FLG ANSI 150        |
| 13   | RECIRC RETURN INLET            | 1   | 1" SWT                 |
| 14   | DMC25 ASSEMBLY                 | 1   | SEE DMC APPROVAL SHEET |
| 15   | CIRCULATOR PUMP 26.4 GPM       | 2   |                        |
| 16   | LOW WATER CUT-OFF              | 2   |                        |

| 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

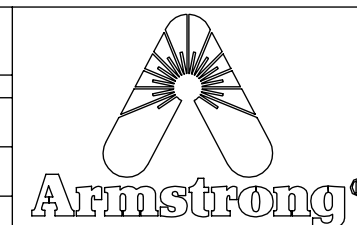
☐ APPROVED AS NOTED, PROCEED WITH FABRICATION IN ACCORDANCE WITH COMMENTS

☐ DISAPPROVED, DO NOT FABRICATE

DO NOT SCALE DRAWING  
TOLERANCES UNLESS  
OTHERWISE SPECIFIED

DIMENSIONING  
ENGLISH [mm]  
FRACTIONAL  $\pm 1/64$   
ANGULAR:  $\pm 2$

|         |                   |     |       |    |       |
|---------|-------------------|-----|-------|----|-------|
| DECIMAL | .XXXX $\pm$ .0005 | IN. | ----- | MM | ----- |
|         | .XXX $\pm$ .005   |     | .010  |    |       |
|         | .XX $\pm$ .015    |     | .10   |    |       |
|         | .X -----          |     | .3    |    |       |



|          |      |           |
|----------|------|-----------|
|          | NAME | DATE      |
| DRAWN    | CFG  | 5/18/2015 |
| RELEASED |      |           |

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ABH399MD 2 750A CWIS NAT GAS DMC80

|          |     |   |       |
|----------|-----|---|-------|
| MATERIAL | REV | A | SALES |
| CN69799  |     |   |       |

### NOTES:

- CLEARANCE 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
- THE DISTANCE BETWEEN THE OUTERMOST COMPONENT OF THE DMC TO THE OUTERMOST COMPONENT OF THE TANK SHOULD BE 24 +/- 1.0 [610 +/- 25]
- ALL PIPING FROM DMC TO TANK AND WATER MANIFOLD TO TANK WILL NEED SUPPORTS ADDED IN THE FIELD AS REQUIRED