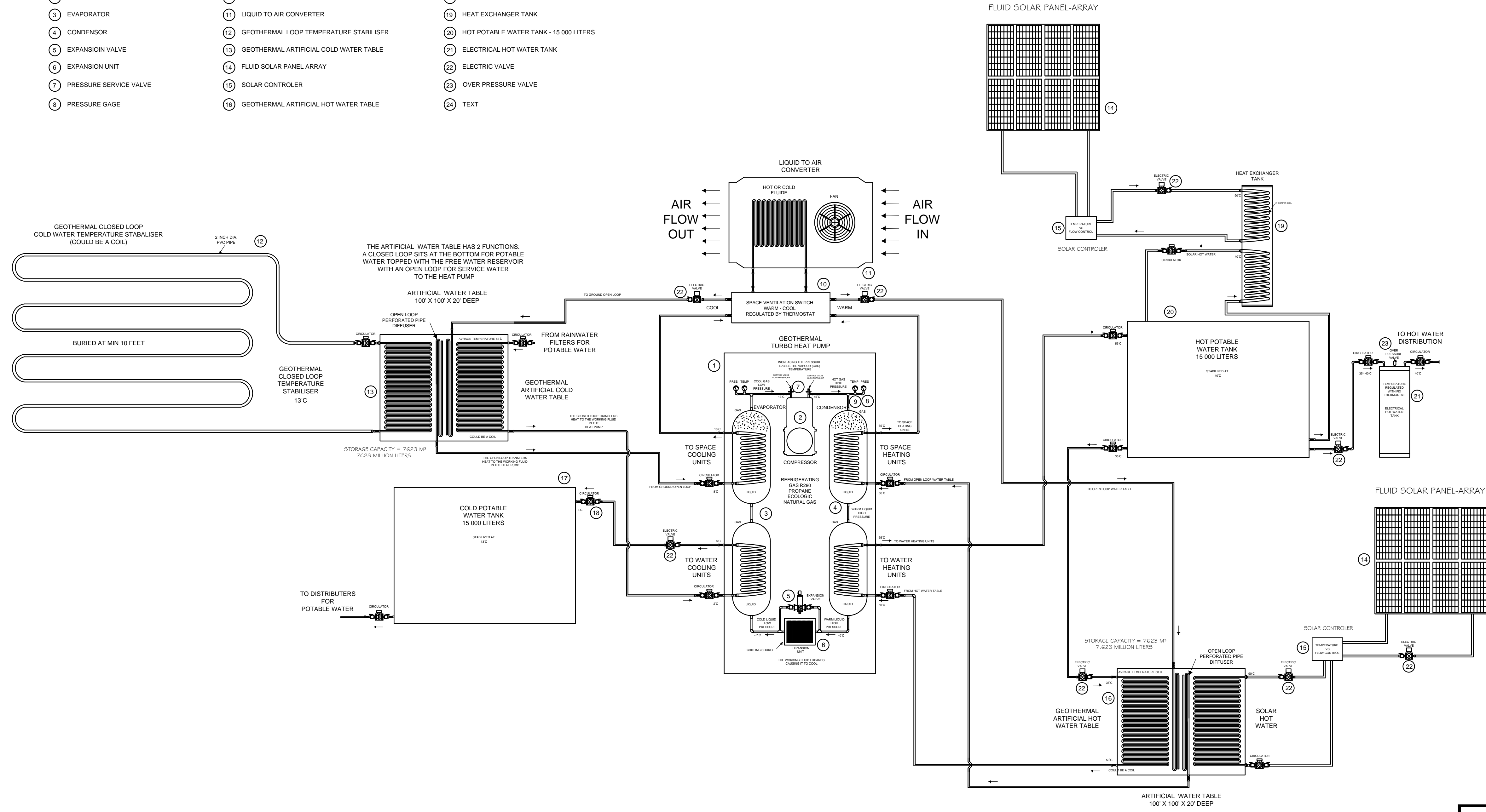


- | | | |
|------------------------------|--|--|
| 1 GEOTHERMAL TURBO HEAT PUMP | 9 TEMPERATURE GAGE | 17 COLD POTABLE WATER TANK - 15 000 LITERS |
| 2 COMPRESSOR | 10 WARM - COOL - SWITCH CONTROLLED BY THERMOSTAT | 18 CIRCULATOR WITH MANUAL VALVES |
| 3 EVAPORATOR | 11 LIQUID TO AIR CONVERTER | 19 HEAT EXCHANGER TANK |
| 4 CONDENSOR | 12 GEOTHERMAL LOOP TEMPERATURE STABILISER | 20 HOT POTABLE WATER TANK - 15 000 LITERS |
| 5 EXPANSION VALVE | 13 GEOTHERMAL ARTIFICIAL COLD WATER TABLE | 21 ELECTRICAL HOT WATER TANK |
| 6 EXPANSION UNIT | 14 FLUID SOLAR PANEL ARRAY | 22 ELECTRIC VALVE |
| 7 PRESSURE SERVICE VALVE | 15 SOLAR CONTROLLER | 23 OVER PRESSURE VALVE |
| 8 PRESSURE GAGE | 16 GEOTHERMAL ARTIFICIAL HOT WATER TABLE | 24 TEXT |



GEOTHERMAL - FUNCTIONAL DIAGRAM FOR TURBO HEAT PUMP

REVISED - JAN 5, 2024

CITY COLLEGE MOTHER MEERA					
FILE NUMBER: 001-100					
<table border="1"> <tr> <td style="text-align: center;">A</td> <td rowspan="3">NO RETAIL NO OF SHEET (DRAWING REQUIRES) NO OF SHEET (DETAILED DRAWING)</td> </tr> <tr> <td style="text-align: center;">B</td> </tr> <tr> <td style="text-align: center;">C</td> </tr> </table>	A	NO RETAIL NO OF SHEET (DRAWING REQUIRES) NO OF SHEET (DETAILED DRAWING)	B	C	
A	NO RETAIL NO OF SHEET (DRAWING REQUIRES) NO OF SHEET (DETAILED DRAWING)				
B					
C					
DATE: 01/03/2023					
UPDATED: 05/01/2024					
SCALE: 1/4" = 1'-0"					
PAGE:	FD-1				

DRAWING TITLE:
GEOTHERMAL_FUNCTIONAL DIAGRAM FOR TURBO HEAT PUMP_JAN 5, 2024

DRAW BY:
 MARILYN DELADURANTAYE
 DESIGNED BY:
 ANDRÉ DELADURANTAYE