



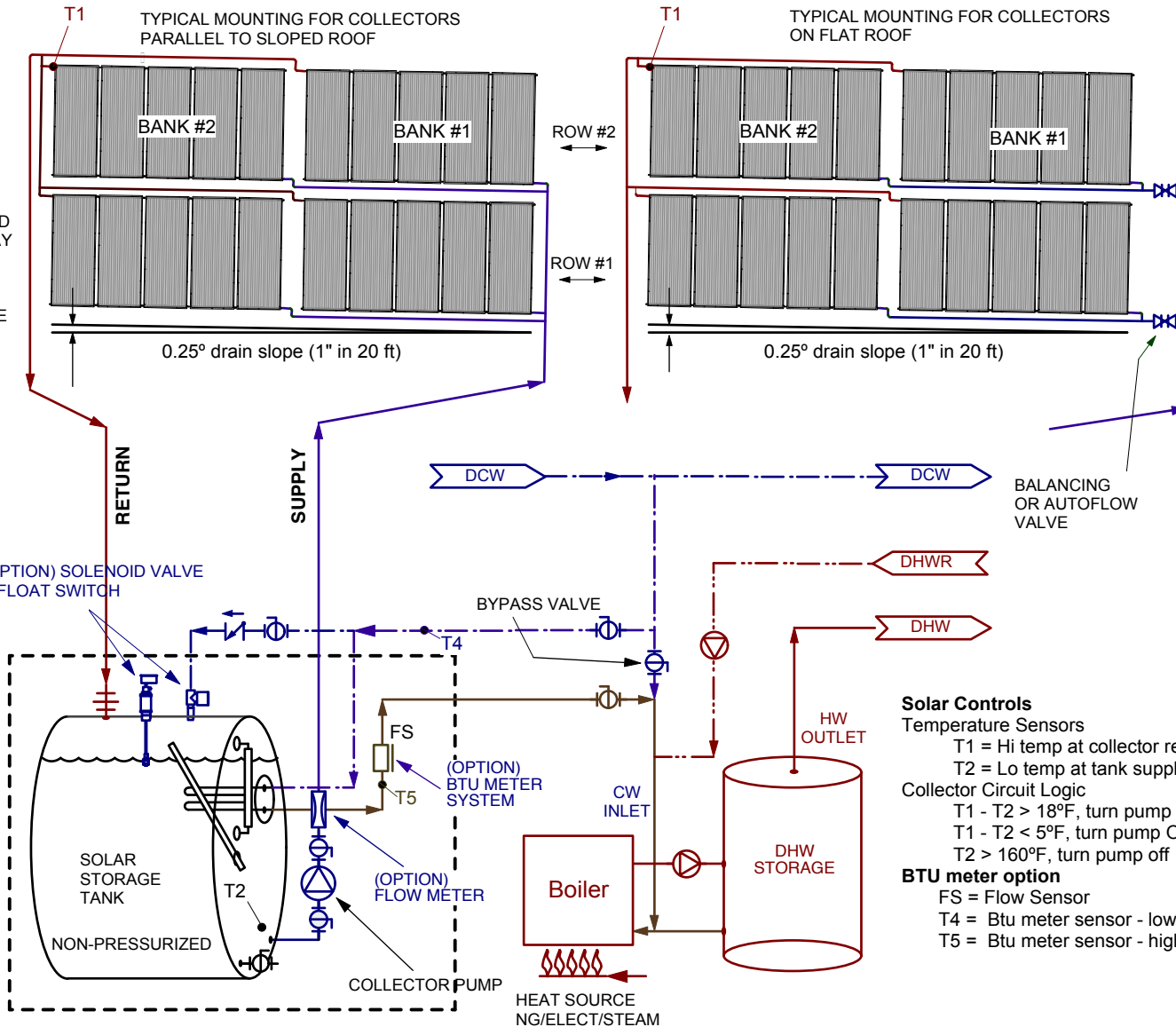
# Single Pass DHW Drainback System Design

with Autofill & Btu meter options

(C) HOLOCENE TECHNOLOGIES OFFICIAL USE ONLY

COLLECTOR SUPPLY AND RETURN LINES ON ARRAY MUST SLOPE 1" IN 20 FT TOWARD THE SUPPLY.

BEYOND THE ARRAY USE MAX SLOPE TO TANK.



### Solar Controls

- Temperature Sensors  
 T1 = Hi temp at collector return  
 T2 = Lo temp at tank supply  
 Collector Circuit Logic  
 T1 - T2 > 18°F, turn pump ON  
 T1 - T2 < 5°F, turn pump OFF  
 T2 > 160°F, turn pump off

### BTU meter option

- FS = Flow Sensor  
 T4 = Btu meter sensor - low  
 T5 = Btu meter sensor - high