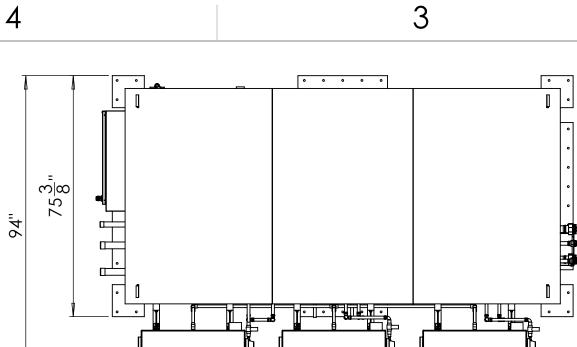
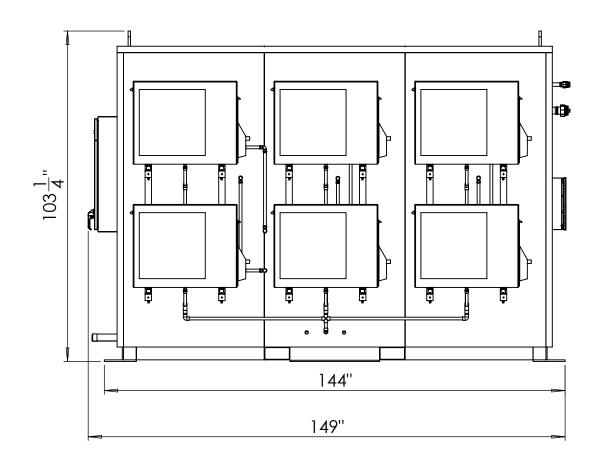


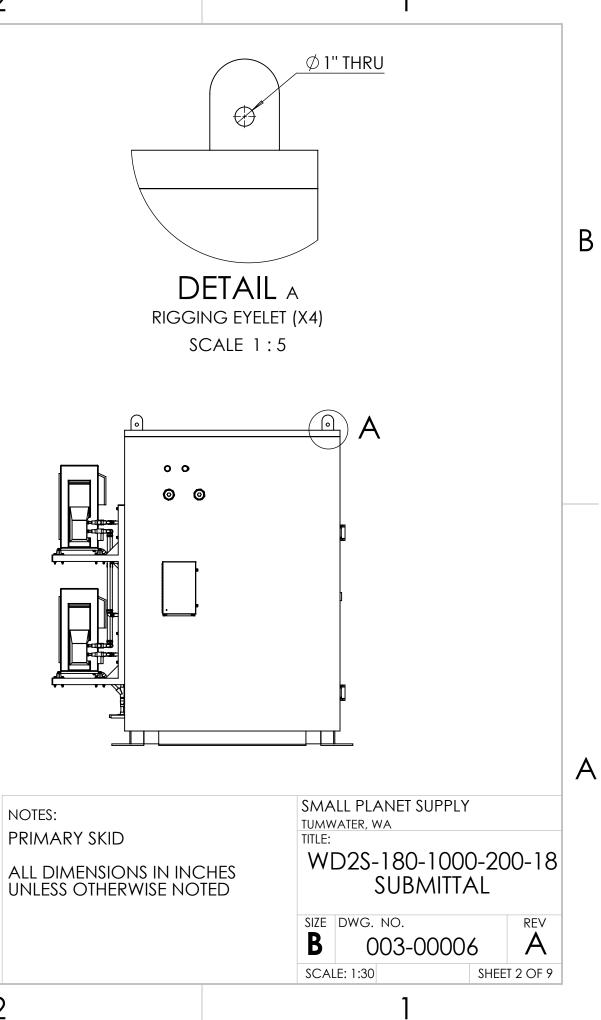


В

Α



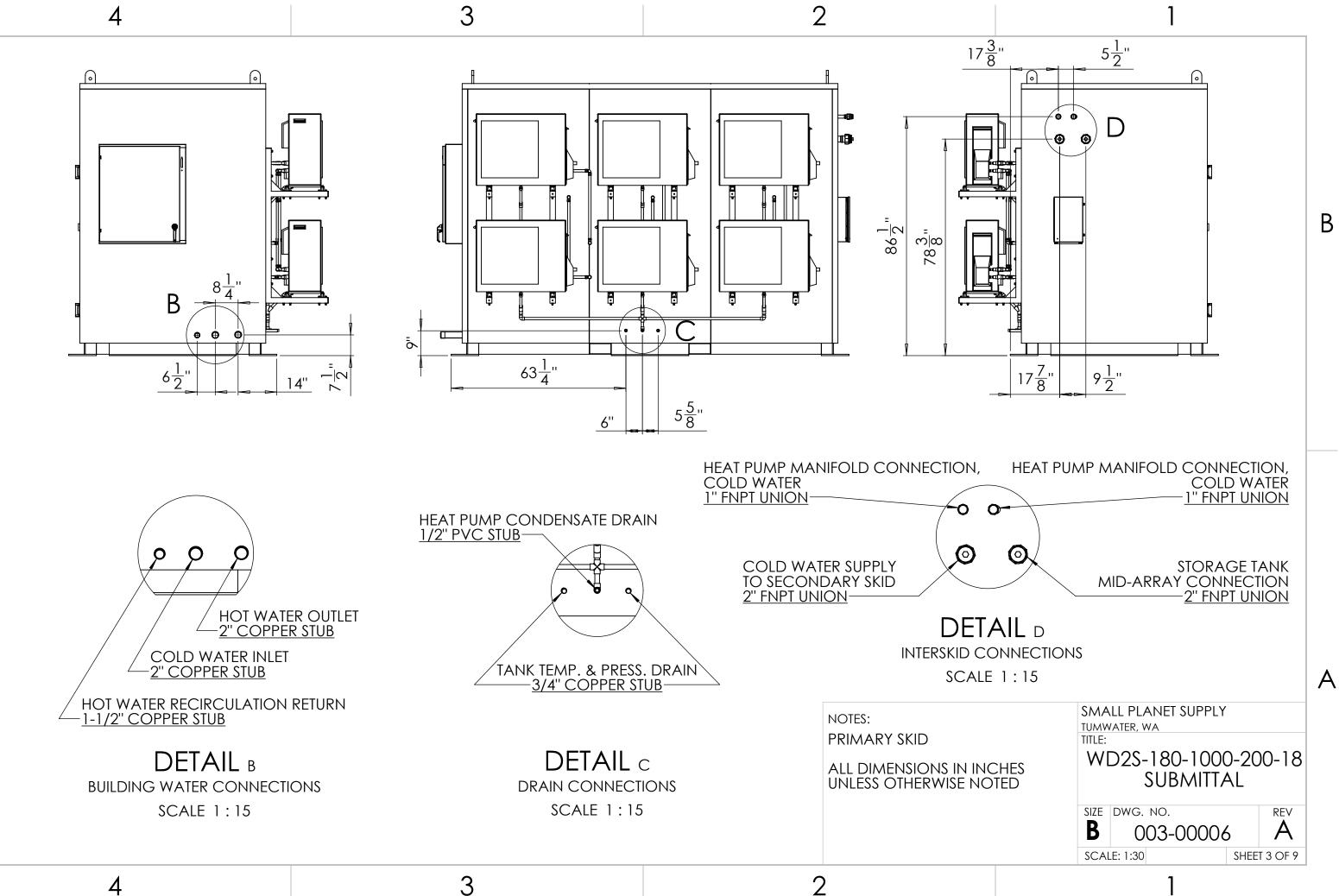




NOTES: PRIMARY SKID

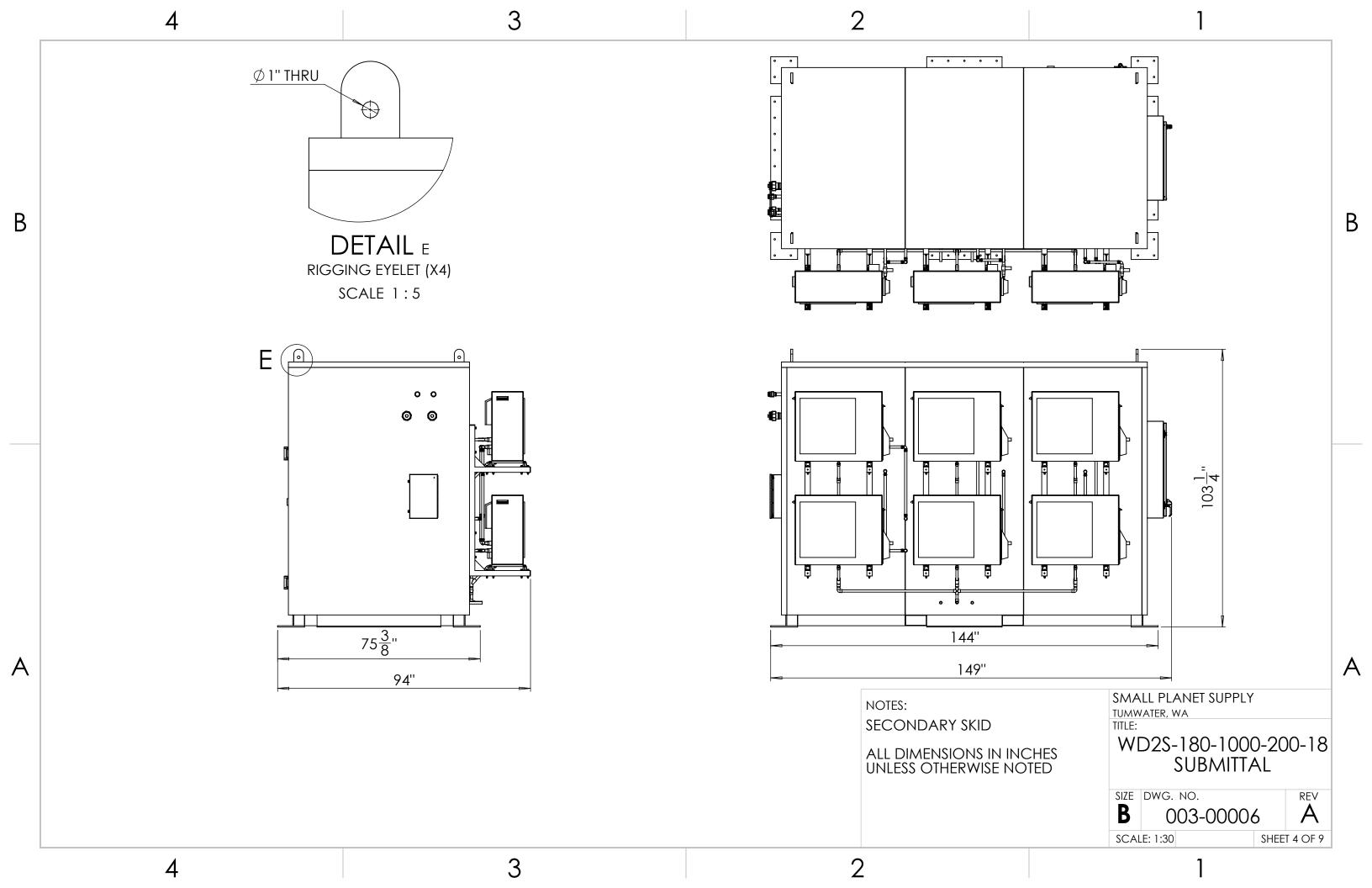
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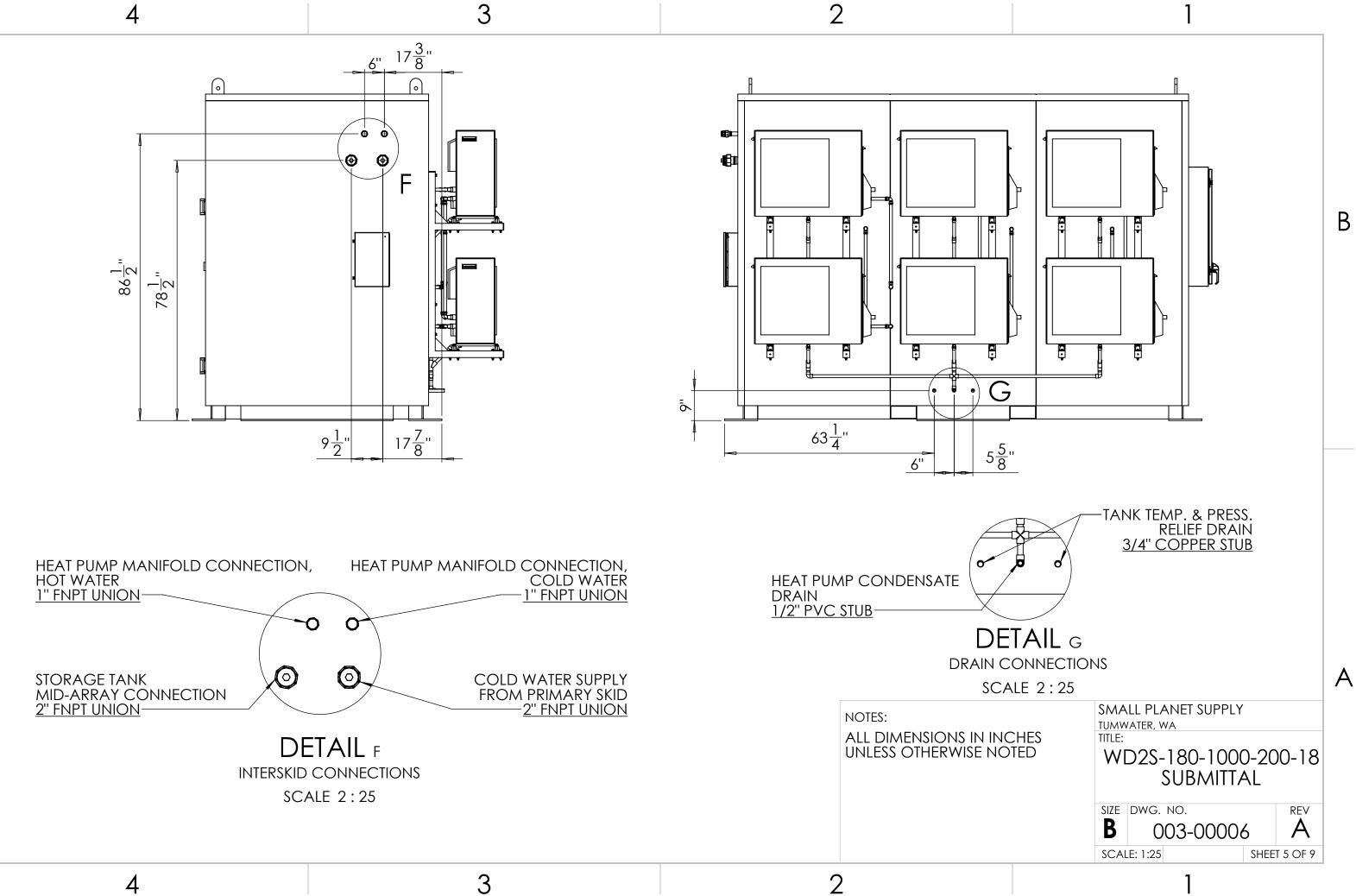
2



В

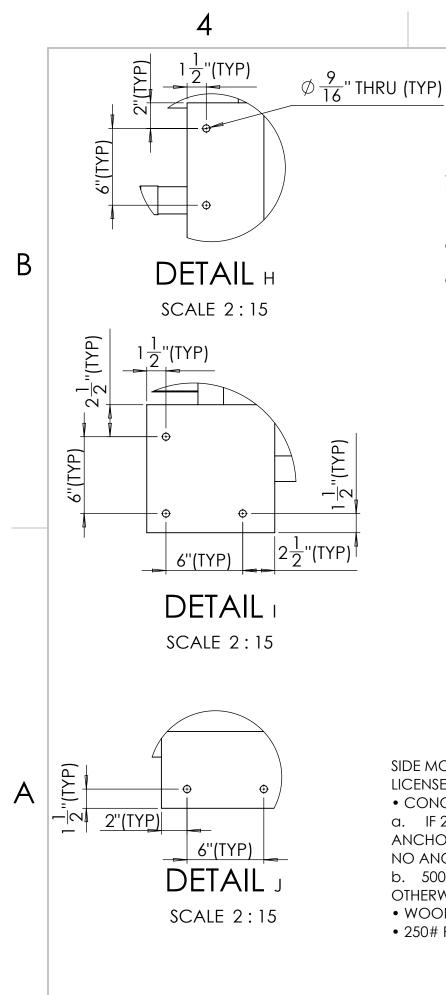
Α

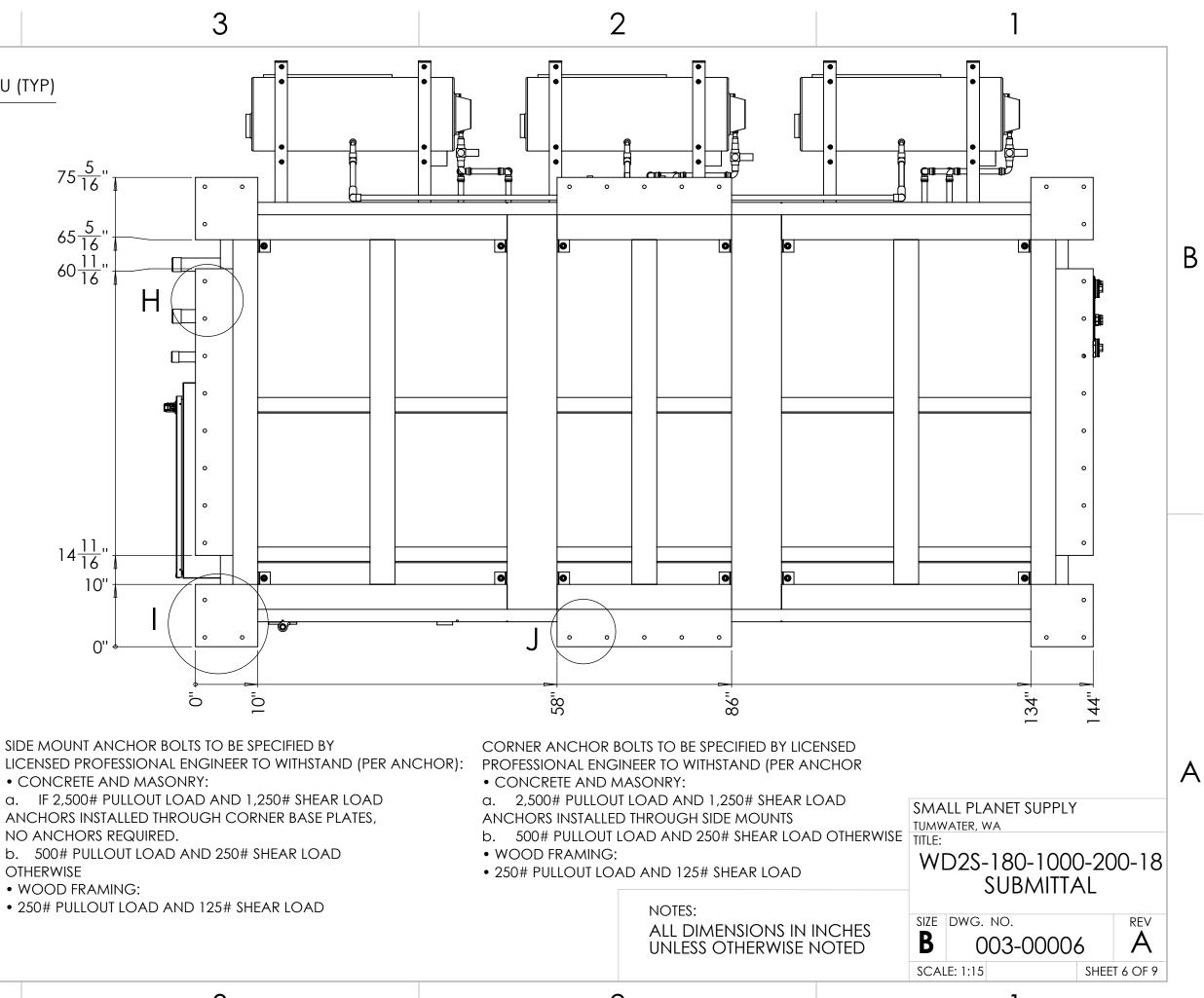




В

Α





LICENSED PROFESSIONAL ENGINEER TO WITHSTAND (PER ANCHOR):

• CONCRETE AND MASONRY:

a. IF 2,500# PULLOUT LOAD AND 1,250# SHEAR LOAD ANCHORS INSTALLED THROUGH CORNER BASE PLATES, NO ANCHORS REQUIRED.

- b. 500# PULLOUT LOAD AND 250# SHEAR LOAD OTHERWISE
- WOOD FRAMING:
- 250# PULLOUT LOAD AND 125# SHEAR LOAD

3

# PERFORMANCE

4

TOTAL HEAT PUMP CAPACITY [MBH]	185
TOTAL PRIMARY STORAGE VOLUME (GAL.)	954
MAX. DAILY HW OUTPUT (GAL. / DAY)*	3,840
MAX. DAILY RUNTIME (hr. / DAY)	16
NOMINAL HOURLY HOT WATER OUTPUT (GAL. / hr.)	240
RECIRCULATION PUMP OUTPUT (HP)	1/2
RECIRC. PUMP MAX. HEAD (FT H2O)	55
NOMINAL OPERATING SOUND PRESSURE LEVEL (dBA)	40
MAX. SYSTEM WATER PRESSURE (PSI)	94
	*

\*100°F LIFT AND 16 hr./DAY MAX. COMPRESSOR RUNTIME

## **ELECTRICAL**

	PRIMARY SKID SECONDARY S PANEL PANEL	
SUPPLY	208V/3Ph/60Hz	208V/3Ph/60Hz
TOTAL CONNECTED LOAD [kVA]	33.2	10.9
full load amps [A]	92.1	30.2
MINIMUM CIRCUIT AMPACITY [A]	124.6	47.5
MAXIMUM OVERCURRENT PROTECTION [A]	125	50

### WEIGHT (APPROX.)

4

PRIMARY / SECONDARY DRY (LBS.)	5,800 / 5,500
PRIMARY / SECONDARY WETTED (LBS.)	10,150 / 10,900

### <u>COMPONENTS</u>

	REFRIGERANT TYPE
(12) HEAT PUMP WATER HEATERS	TOTAL CHARGE: 3
	AIRFLOW (CFM): 7
	EXTERNAL STATIC F
(3) 318 GAL. STORAGE TANKS	
(1) SWING TANK, 200 GAL. / 18 kW	
(2) EXPANSION TANKS, 45 GAL. / 30	GAL. ACCEPTANC
(1) ELECTRONIC MIXING VALVE	1 IN. BODY: 3-94 G
	FLOW RANGE
(1) RECIRCULATION PUMP, ECM	
(1) HEAT PUMP STAGING CONTROL	LER
(1) INCOMING COLD WATER WYE-S	STRAINER, 20-MESH

2

### **CONSTRUCTION**

ENCLOSURE PANELS	<b>R8 INSUL</b>
	POWDER
	ТҮРЕ К С
PIPING	DIELECT
	REQUIRE
	1-1/2" IN
UL508A - LISTED ELECTRICAL	POWER I
PANELS	EQUIPM
PAINTED CARBON STEEL FRAME	•
ELECTRICAL DISTRIBUTION PANEL WI	TH MAIN
INDIVIDUAL COMPONENT DISCONN	iects on
HEAT PUMPS MOUNTED WITH VIBRAT	fion isol
INSULATED BASE NOT PROVIDED BEL	OW STO
REVERSE-RETURN HEAT PUMP MANIF	OLD PIPII
INDIVIDUAL HEAT PUMP ISOLATION,	DRAIN A

NOTES: ALL DIMENSIONS IN II UNLESS OTHERWISE N

3

3

2

Α

ING CONFIGU	RATI	ON				
ND CHECK VA	<b>ALVE</b>					
						A
NCHES NOTED	TUMW TITLE:	vater, v D2S-	anet suppi va 180-100 SUBMIT	)0-20	)0-18	
	size <b>B</b>	dwg.	NO. 0 <b>3-000</b>	)6	REV A	
	SCA	E: 1:30		SHEE	t 7 OF 9	
			1			

DLATORS PRAGE AND SWING TANKS

N HEAT PUMPS AND SWING TANK

DISCONNECT

ENT / STAGING CONTROLLER

NSULATION, MIN. R-VALUE: 8.6 DISTRIBUTION

ED

TRIC CONNECTIONS WHERE

ER COAT FINISH COPPER

LATION

CCEPTANCE DDY: 3-94 GPM RECOMMENDED RANGE

ERANT TYPE: R-744 (CO2) CHARG<u>E: 305 OZ.</u> W (CFM): 7,200 IAL STATIC PRESSURE (IN.-H2O): 0

В

