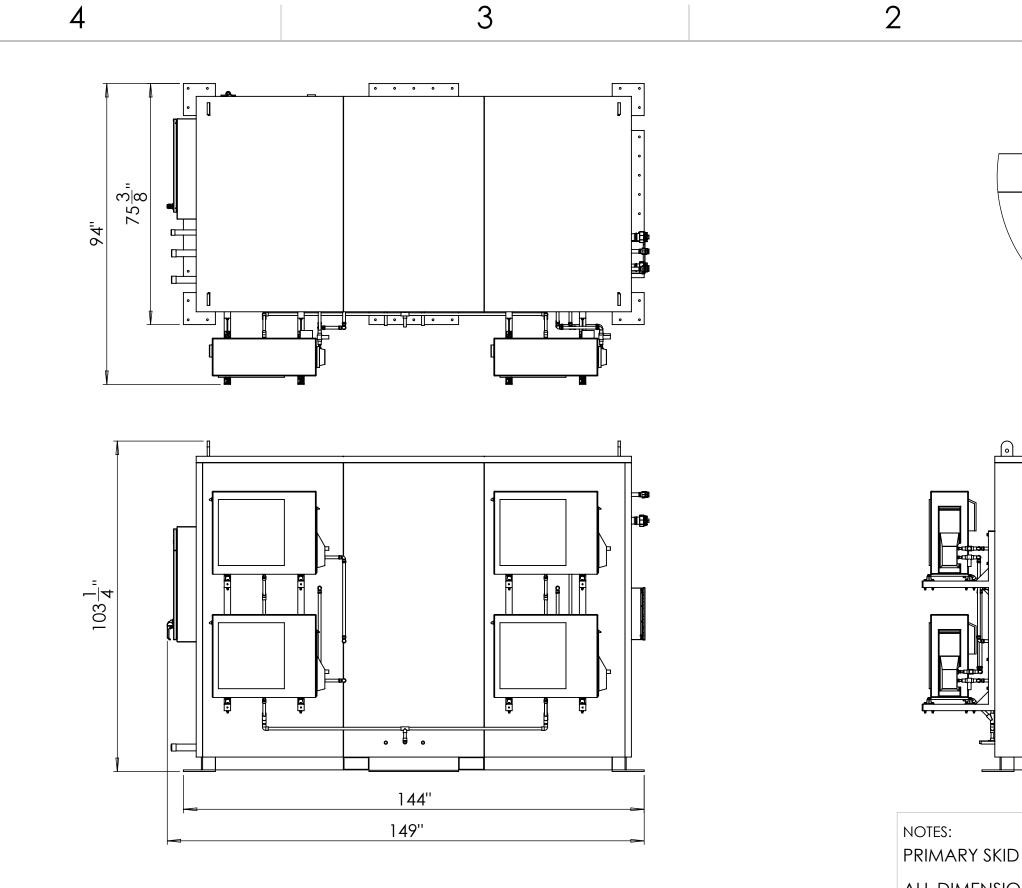


ND ELECTRICAL	SMALL PLA TUMWATER, V	ANET SUPPLY va		
ELD INSTALLED	WD2S-120-0650-119-12			
ARANCES:		SUBMITTA	۹L	
T & REAR	SIZE DWG.			REV ▲
G: 36 IN.	B 003-0000		4	A
IG: ≤ 10 FT.	SCALE: 1:40		SHEET	1 OF 9

В

Α

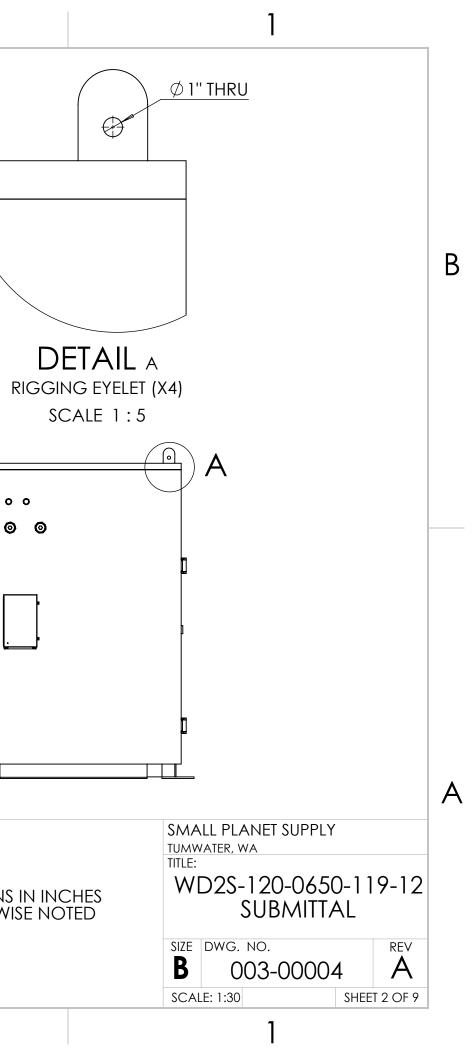


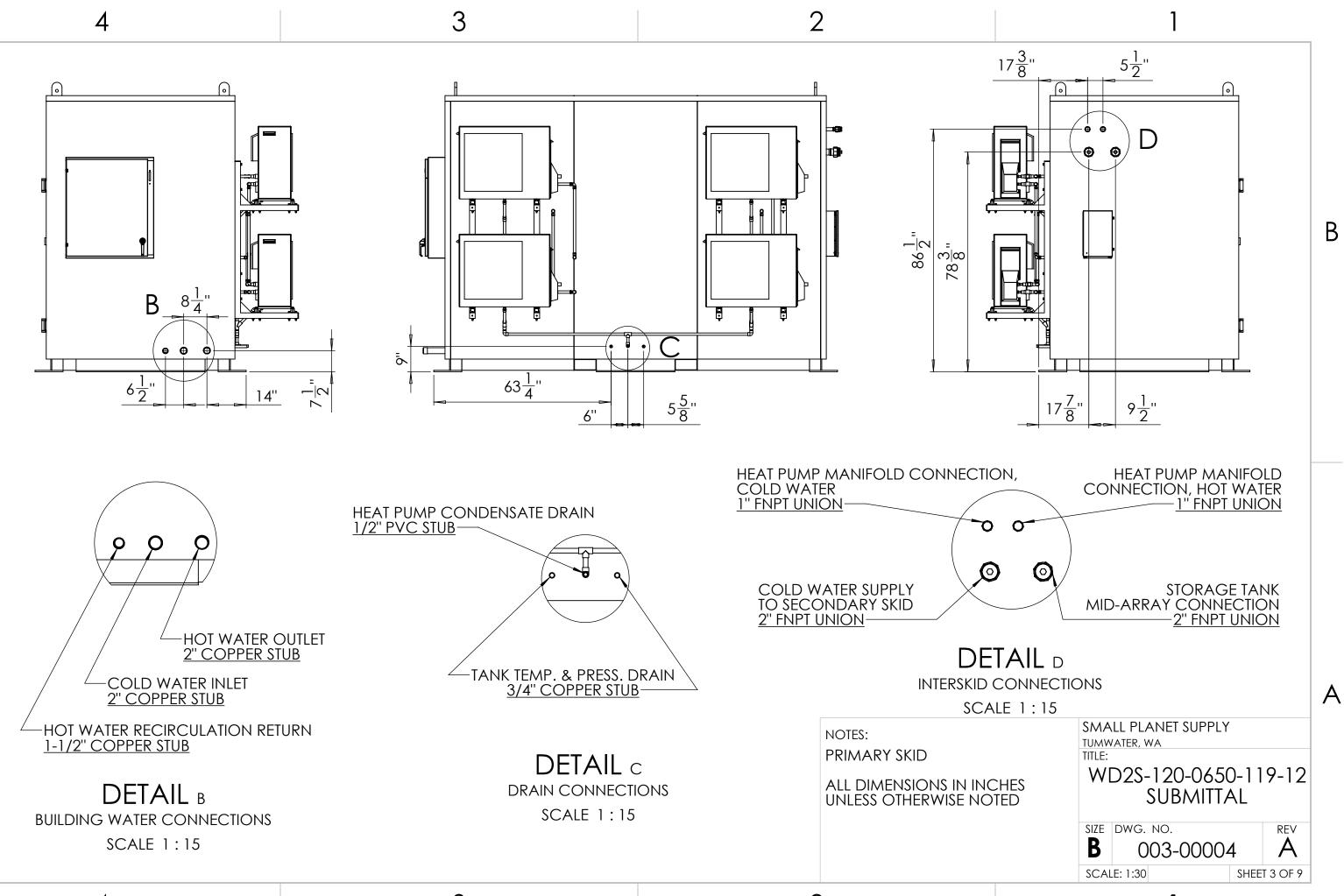
В

Α

4

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED



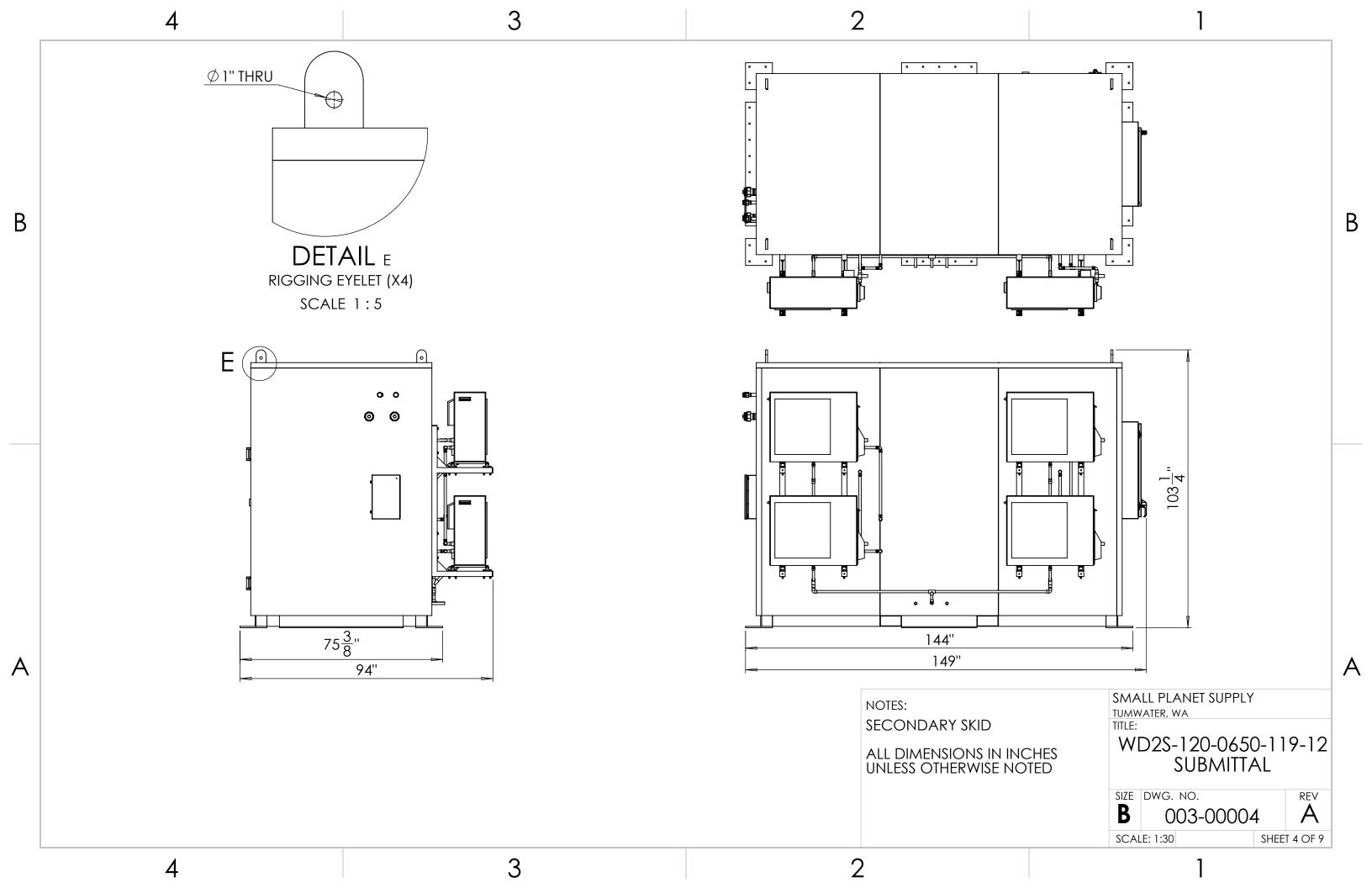


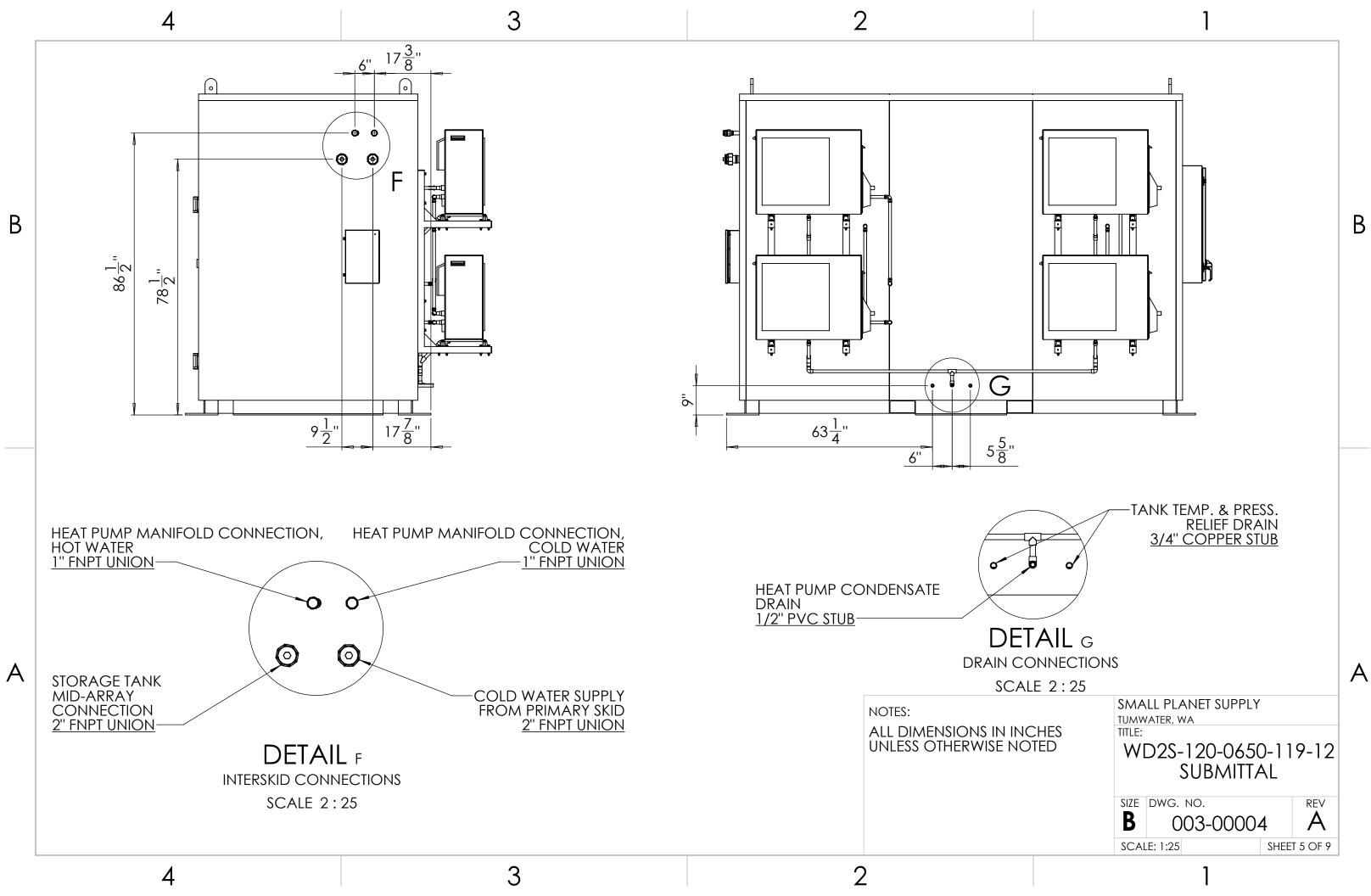
3

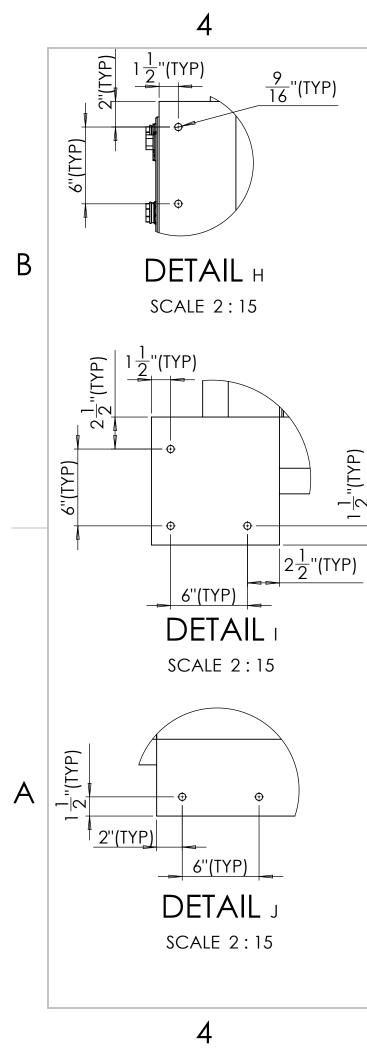
В

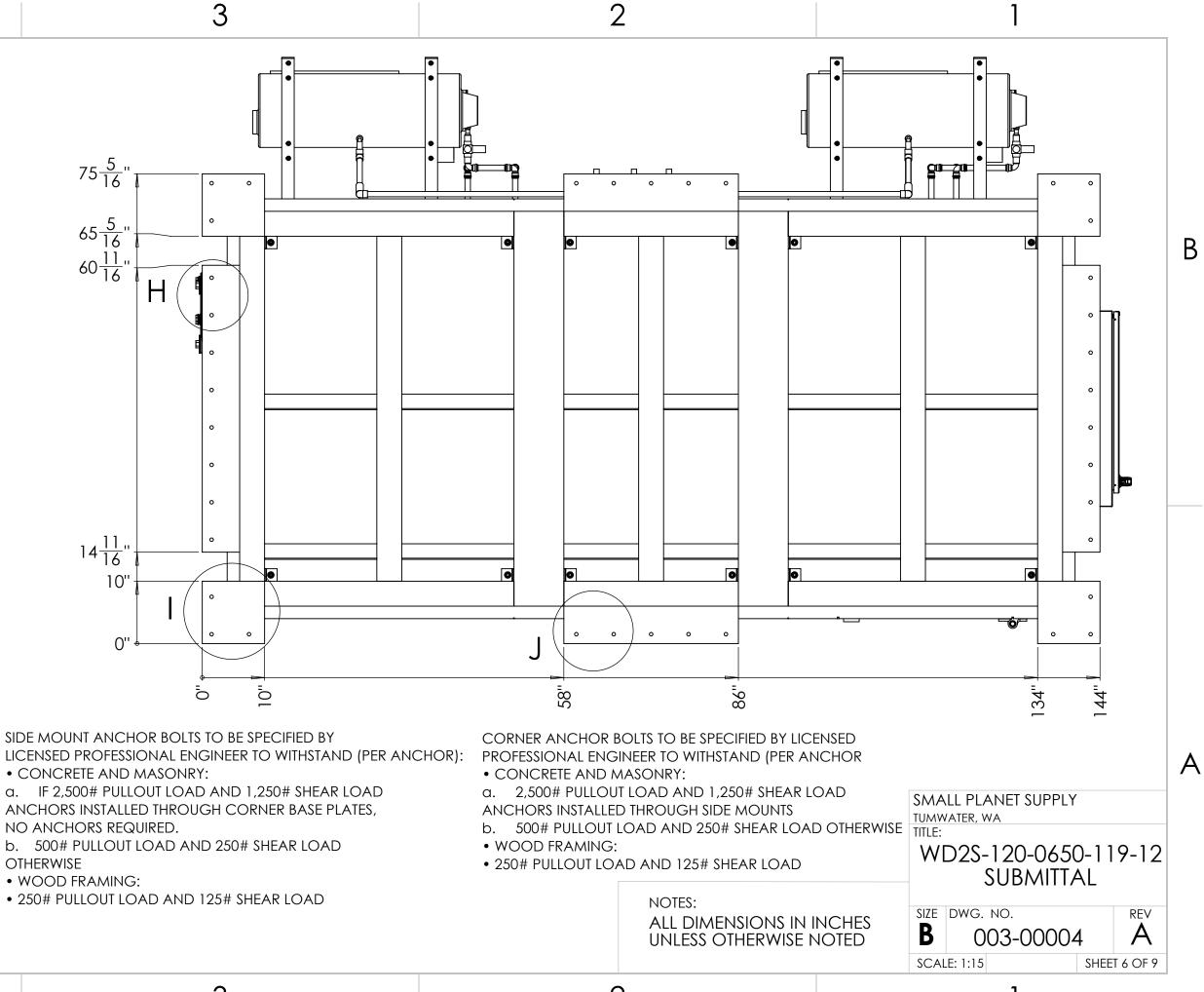
Α

4









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]	123
TOTAL PRIMARY STORAGE VOLUME (GAL.)	660
MAX. DAILY HW OUTPUT (GAL. / DAY)*	2,560
MAX. DAILY RUNTIME (hr. / DAY)	16
NOMINAL HOURLY HOT WATER OUTPUT (GAL. / hr.)	160
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
	ł

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

ELECTRICAL

	PRIMARY SKID PANEL	SECONDARY SKID PANEL
SUPPLY	208V/3Ph/60Hz	208V/3Ph/60Hz
TOTAL CONNECTED LOAD [kVA]	24.7	8.0
FULL LOAD AMPS [A]	68.4	22.0
MINIMUM CIRCUIT AMPACITY [A]	89.4	32.1
MAXIMUM OVERCURRENT PROTECTION [A]	90	35

WEIGHT (APPROX.)

4

PRIMARY / SECONDARY DRY (LBS.)	5,500 / 4,900
PRIMARY / SECONDARY WETTED (LBS.)	8,400 / 8,700

Α

В

<u>COMPONENTS</u>

	REFRIGERANT TYPE: R-744 (CO2)
(8) HEAT PUMP WATER HEATERS	TOTAL CHARGE: 203 OZ.
	AIRFLOW (CFM): 4,800
	EXTERNAL STATIC PRESSURE (INH2O): 0
(3) 220 GAL. STORAGE TANKS	
(1) SWING TANK, 119 GAL. / 12 kW	
(2) EXPANSION TANKS, 45 GAL. / 30	GAL. ACCEPTANCE
(1) ELECTRONIC MIXING VALVE	1 IN. BODY: 3-94 GPM RECOMMENDED FLOW RANGE
(1) RECIRCULATION PUMP, ECM	
(1) HEAT PUMP STAGING CONTROL	LER
(1) INCOMING COLD WATER WYE-S	TRAINER, 20-MESH

2

CONSTRUCTION

ENCLOSURE PANELS	R8 INSULATI
ENCLOSURE FAINELS	POWDER C
	ТҮРЕ К СОР
PIPING	DIELECTRIC
	REQUIRED
	1-1/2" INSUI
UL508A - LISTED ELECTRICAL	POWER DIS
PANELS	EQUIPMENT
PAINTED CARBON STEEL FRAME	
ELECTRICAL DISTRIBUTION PANEL WI	th main dis
INDIVIDUAL COMPONENT DISCONN	iects on he
HEAT PUMPS MOUNTED WITH VIBRAT	fion isolat
INSULATED BASE NOT PROVIDED BEL	OW STORA
REVERSE-RETURN HEAT PUMP MANIF	OLD PIPING
INDIVIDUAL HEAT PUMP ISOLATION,	DRAIN AND

NOTES: ALL DIMENSIONS IN II UNLESS OTHERWISE N

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ENT / STAGINO	G CONTRO	OLLER			
DISCONNECT	•				
N HEAT PUMPS	AND SWI	NG TANK			
LATORS					
RAGE AND SV	VING TAN	<s< td=""><td></td><td></td><td></td></s<>			
ING CONFIGU	RATION				
ND CHECK V	ALVE				
					А
NCHES NOTED		ANET SUPPLY	,		
	TUMWATER, V TITLE:	VA			
		120-0650 SUBMITT/	-	9-12	
	size dwg.	NO. 03-00004	4	REV A	
	SCALE: 1:30		SHEE	T 7 OF 9	
		1			

DISTRIBUTION

NSULATION, MIN. R-VALUE: 8.6

COPPER TRIC CONNECTIONS WHERE

LATION

R COAT FINISH

В

