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① SEA LEVEL RATING	⑥ 4-SPEED, DIRECT DRIVE PSC MOTOR.
② FURNACE MARKS CORRESPOND WITH COMPRESSOR UNIT AND DX COIL MARKS.	⑦ SET FAN MOTOR SPEED TAP TO LOWEST POSSIBLE SETTING REQUIRED TO ACHIEVE DESIGN AIR FLOW.
③ TWO STAGE HEAT FURNACE. HIGH/LOW	⑧ SEE DETAIL G/M501
④ VARIABLE SPEED ECM MOTOR.	⑨ SEE SPECIFICATION FOR APPROVED MANUFACTURERS
⑤ ELECTRICAL CHARACTERISTICS – MOTOR: 115V/1PHASE/60HZ	

MARK ⑥	CFM	ELECTRICAL					REMARKS
		FLA	MCA	VOLTS	HERTZ	PHASE	
ERV 1a	840	17.2	19.4	115	60	1	② ③
ERV 1c	840	17.2	19.4	115	60	1	② ④
ERV 2a	1085	34.4	36.6	115	60	1	⑤
ERV 2c	1085	34.4	36.6	115	60	1	⑤
ERV 3	490	17.2	19.4	115	60	1	①
ERV 4	690	17.2	19.4	115	60	1	①
ERV 8	560	17.2	19.4	115	60	1	①
ERV 9	500	17.2	19.4	115	60	1	①
ERV 11	730	17.2	19.4	115	60	1	①
ERV 12	730	17.2	19.4	115	60	1	①

- ① RENEWARE MODEL HE1XINV. TWO 0.75 HP FANS. 25 MAX. FUSE SIZE.
- ② RENEWARE MODEL HE1XINV. TWO 0.75 HP FANS. 25 MAX. FUSE SIZE. COMPLETE WITH ACCESSORY HANGING BRACKETS.
- ③ THIS UNIT TO BE HUNG UPSIDE DOWN AS SHOWN IN DETAIL AT RIGHT.
- ④ THIS UNIT TO BE HUNG RIGHT SIDE UP CONNECT DUCTWORK AS LABELED AND AS SHOWN IN SECTION 3/4/301.
- ⑤ RENEWARE MODEL HE2XINV. TWO 15 HP FANS. 45 MAX. FUSE SIZE. COMPLETE WITH ACCESSORY HANGING BRACKETS.
- ⑥ ENERGY RECOVERY VENTILATOR MARKS CORRESPOND WITH FAN UNIT MARKS.

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- ① REFRIGERANT R-410a
- ② AT DESIGN CONDITIONS AND 100°F ENTERING AIR TEMPERATURE TO CONDENSER.
- ③ CONDENSING UNIT MARKS CORRESPOND WITH DX COIL AND FURNACE MARKS.
- ④ ELECTRICAL CHARACTERISTICS—COMPRESSOR: 230V/1 PHASE/60HZ
- ⑤ SEE SPECIFICATION FOR APPROVED MANUFACTURERS
- ⑥ COORDINATE ACTUAL ELECTRICAL RATINGS OF UNIT SUPPLIED WITH DIVISION 26.

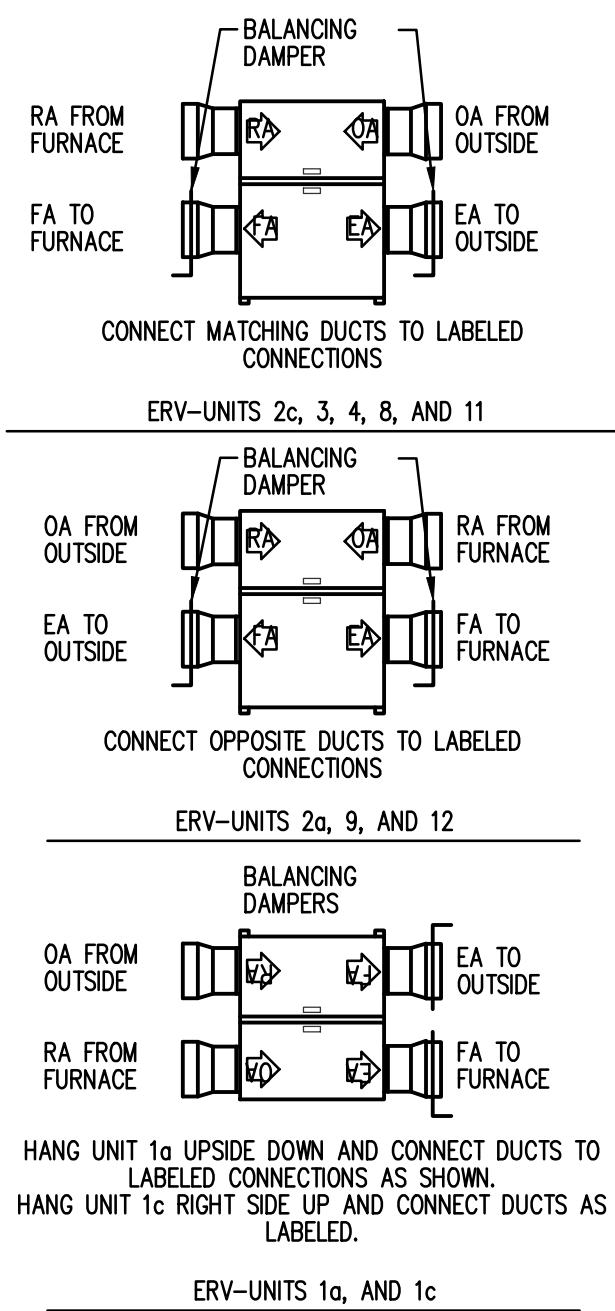
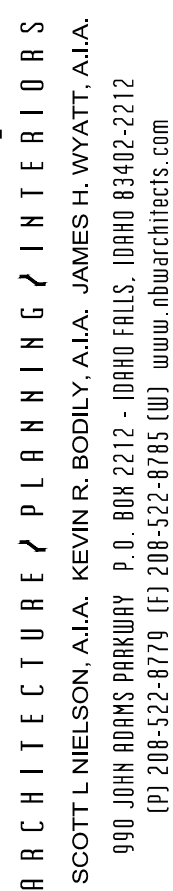
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- ① COMPLETE WITH FACTORY COIL BOX AND COIL
- ② WET COIL
- ③ 4500 FEET ELEVATION. (0.848 CFM TRANSMISSION FACTOR)
- ④ SEE SPECIFICATION FOR APPROVED MANUFACTURERS

MARK	SERVES	KW OUTPUT	ELECTRICAL				REMARKS
			Ø	HERTZ	VOLTS	AMPS	
EH 1	FIRE RISER ROOM 137	2.2	1	60	208	10.0	QMARK QFG22281F W/O BUILT IN TSTAT

GENERAL NOTES:

1. THE MECHANICAL CONTRACTOR SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWINGS BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS. MOTOR NAME PLATE VOLTAGE SHALL BE NEMA STANDARD 200 VOLT FOR 208 VOLT THREE PHASE SYSTEM AND SHALL BE NEMA STANDARD 230 VOLT FOR 240 VOLT THREE PHASE OR SINGLE PHASE SYSTEM. STARTER HEATERS INSTALLED SHALL COORDINATED WITH THE NAME PLATE DATA.
2. S.C.F.M. LISTED IS STANDARD AIR. A.C.F.M. LISTED IS ACTUAL AIR AT ELEVATION NOTED.

Architect / Engineer:

Stamp:

4440 E. High Grove Road
Idaho Falls, ID 83401

Project for:

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

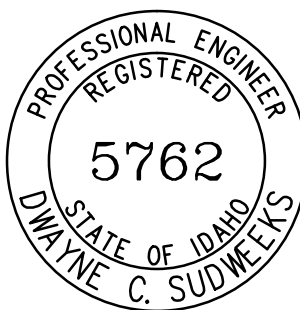
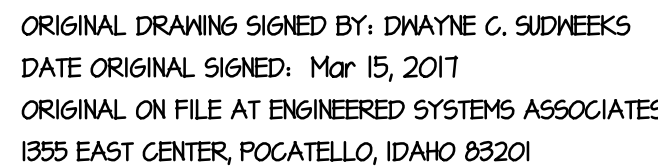
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Project Number:	16065
Plan Series:	HET-SDS-09
Property Number:	500-5990

Sheet Title:
**MECHANICAL
SCHEDULES**

Sheet:

M601



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