

EXHAUST FAN SCHEDULE

TAG	SERVES	TYPE	CFM	ESP. IN WG	DISCHARGE	CONTROL	VIPI	SOURCE
EF-1	TOILET RM 101	CEILING CABINET	70	0.50	4" TO WALL CAP	LIGHT SWITCH + 15 MIN RUN-ON	120/1	IMC 403.3.1.1
EF-2	TOILET RM 102	CEILING CABINET	70	0.50	4" TO WALL CAP	LIGHT SWITCH + 15 MIN RUN-ON	120/1	IMC 403.3.1.1
EF-3	TOILET RM 103	CEILING CABINET	70	0.50	4" TO WALL CAP	LIGHT SWITCH + 15 MIN RUN-ON	120/1	IMC 403.3.1.1
EF-4	MECHJAN 104	CEILING CABINET	50	0.50	4" TO ROOF CAP	CONTINUOUS	120/1	DESIGN.XLSX
EF-5	STAGING 105	WALL PROPELLER	400	0.10	WALL SLEEVE + SHUTTER	T-STAT 85 F + MANUAL	120/1	MANUAL ROW (NOTE 3)

GAS-FIRED INFRARED TUBE HEATER SCHEDULE

TAG	LOCATION	FUEL	INPUT MBH	OUTPUT REQ'D MBH (EACH)	TUBE LENGTH	MOUNT HEIGHT	GAS CONN	VENT	CONTROL
IR-1	SOUTH EAVE	LP	75	57.9 MBH	50 FT	11 FT	1/2"	4" FLUE THRU ROOF	WALL T-STAT, 60 F EVENT MODE
IR-2	NORTH EAVE	LP	75	57.9 MBH	50 FT	11 FT	1/2"	4" FLUE THRU ROOF	SAME T-STAT, LANTERN INTERLOCK

ELECTRIC HEATER SCHEDULE

TAG	SERVES	TYPE	LOAD (DESIGN.XLSX)	SELECTED	VIPI	CONTROL	NOTES
EW1-1	TOILET RM 101	WALL, RECESSED	1.9 MBH	750 W (2.6 MBH)	120/1	INTEGRAL T-STAT, 40 F MIN	
EW1-2	TOILET RM 102	WALL, RECESSED	1.9 MBH	750 W (2.6 MBH)	120/1	INTEGRAL T-STAT, 40 F MIN	
EW1-3	TOILET RM 103	WALL, RECESSED	1.9 MBH	750 W (2.6 MBH)	120/1	INTEGRAL T-STAT, 40 F MIN	
EW1-4	MECHJAN 104	WALL, SURFACE	1.9 MBH	750 W (2.6 MBH)	120/1	INTEGRAL T-STAT, 40 F MIN	PIPES HERE
EUH-1	STAGING 105	UNIT HEATER, CEILING	11.7 MBH	5 KW (17.1 MBH)	208/1	T-STAT 60 F EVENT / 40 F OFF	HEAT OVEN OFF

FAN AND COOLER SCHEDULE

TAG	TYPE	SIZE	MOUNT	VIPI	CONTROL	NOTES
CF-1..4	CEILING FAN, REVERSIBLE	84 IN DIA	13 FT AFF	120/1	WALL SPEED CONTROL	REVERSE IN WINTER (DESTRAT)
EC-1	EVAP COOLER, HORIZ DISCHARGE	12,000 CFM, 2 HP	STAND, WING ROOF	230/1	UNIT, DAMPER INTERLOCK	8 IN MEDIA, BY ACH
SR-1..12	SIDE REGISTER, DBL DEFL	24 x 10 IN	ON SPIRAL DUCT	-	OPPOSED BLADE DAMPER	1,000 CFM, BALANCE
MS-1, MS-2	FUTURE MINI-SPLIT	ABOUT 4 TON EACH	GRADE PAD	208/1	-	ROUGH-IN ONLY

SCHEDULE NOTES

1. CAPACITIES MARKED DESIGN.XLSX ARE READ FROM THE PROJECT CALCULATION WORKBOOK AT BUILD TIME. SELECTED SIZES ROUND UP TO A STANDARD PRODUCT.
2. IR HEATERS: 2-STAGE OR MODULATING PREFERRED. LISTED FOR INDOOR ASSEMBLY OCCUPANCY. PROVIDE MANUFACTURER'S CLEARANCE SIGNS AT EACH HEATER.
3. EF-5 IS NOT IN THE LOAD TOOL OUTPUT (THE TOOL SIZES CODE EXHAUST ONLY). SIZED BY JUDGMENT FOR HOLDING-CABINET HEAT, ABOUT 20 AIR CHANGES IN STAGING.
4. EF-1 TO EF-3 ARE 70 CFM. GUESTS USE THESE ROOMS, SO THE IMC TABLE 403.3.1.1 PUBLIC RATE APPLIES (70 CFM SWITCHED, 50 CFM ONLY IF RUN CONTINUOUSLY). THE PIPELINE PRINTED 50 CFM, THE PRIVATE RATE; LOGGED AS A TOOL GAP. THE R1 3D MODEL LABEL (70 CFM) AGREES.

PIPELINE EQUIPMENT ROWS (DESIGN.XLSX, AS PRINTED)

TAG	TYPE	CAPACITY	CFM
EF-1	EF	70 CFM @ 0.5 in wg	70
EF-2	EF	70 CFM @ 0.5 in wg	70
EF-3	EF	70 CFM @ 0.5 in wg	70
EF-4	EF	50 CFM @ 0.5 in wg	50
EF-5	EF	400 CFM @ 0.1 in wg	400
IR-1/2	Gas IR Tube Heater	2 x 57.9 MBH	
EW1	Electric Wall Heater	4 x 1.9 MBH	
EUH-1	Electric Unit Heater	11.7 MBH	
EC-1	Evaporative Cooler	12,000 CFM, 2 HP	12000

SUTTON MECHANICAL & ENVIRONMENTAL

PROJECT NO: 2026-12
PROJECT: FARMWILD ORANGERY
CLIENT: FARMWILD



MECHANICAL SCHEDULES

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