Split System Indoor Heat Pump Unit Schedule

I.D. No.	Area Served	Mfr.	Model	Indoor Fan				Unit Power				Aux. Heat					Outside Air	Op. Wt.	Filter Rack	TXV	Notes
				CFM	E.S.P.	Speed	H.P.	Voltage	Ph.	MCA	MOCP	kW	MCA	MOCP	Voltage	Ph.	Min				
HP-6B	Office / Conf Room	Trane	TEM6A0C42H41SC	1,100	0.5	Medium	.5	208/230	1	5.7	15.0	7.2	34.6	49	208/230	1	200	144 lbs.	Yes	Yes	

Split System Outdoor Heat Pump Schedule

I.D. No.	Area Served	Mfr.	Model	Refrigerant	Cooling Capacity			Heating Capacity		Electrical Data				Op. Wt.	Line Set	Notes
					BTUH	EER2	SEER2	BTUH	HSPF2	Voltage	Ph.	MCA	MOCP			
HP-6A	Office / Conf Room	Trane	4TWR-4036N1000A	R410A	34,800	12.00	14.6	32,000	7.8	208/230	1	18.0	30.0	199 lbs.	3/8" Liquid, 7/8" Gas	1

1. Old unit was 10.25 SEER so we are claiming exception to economizer per WSEC C503.4.3 Exception #2 10% better efficeincy or greater on units less than 60,000 btu/h.

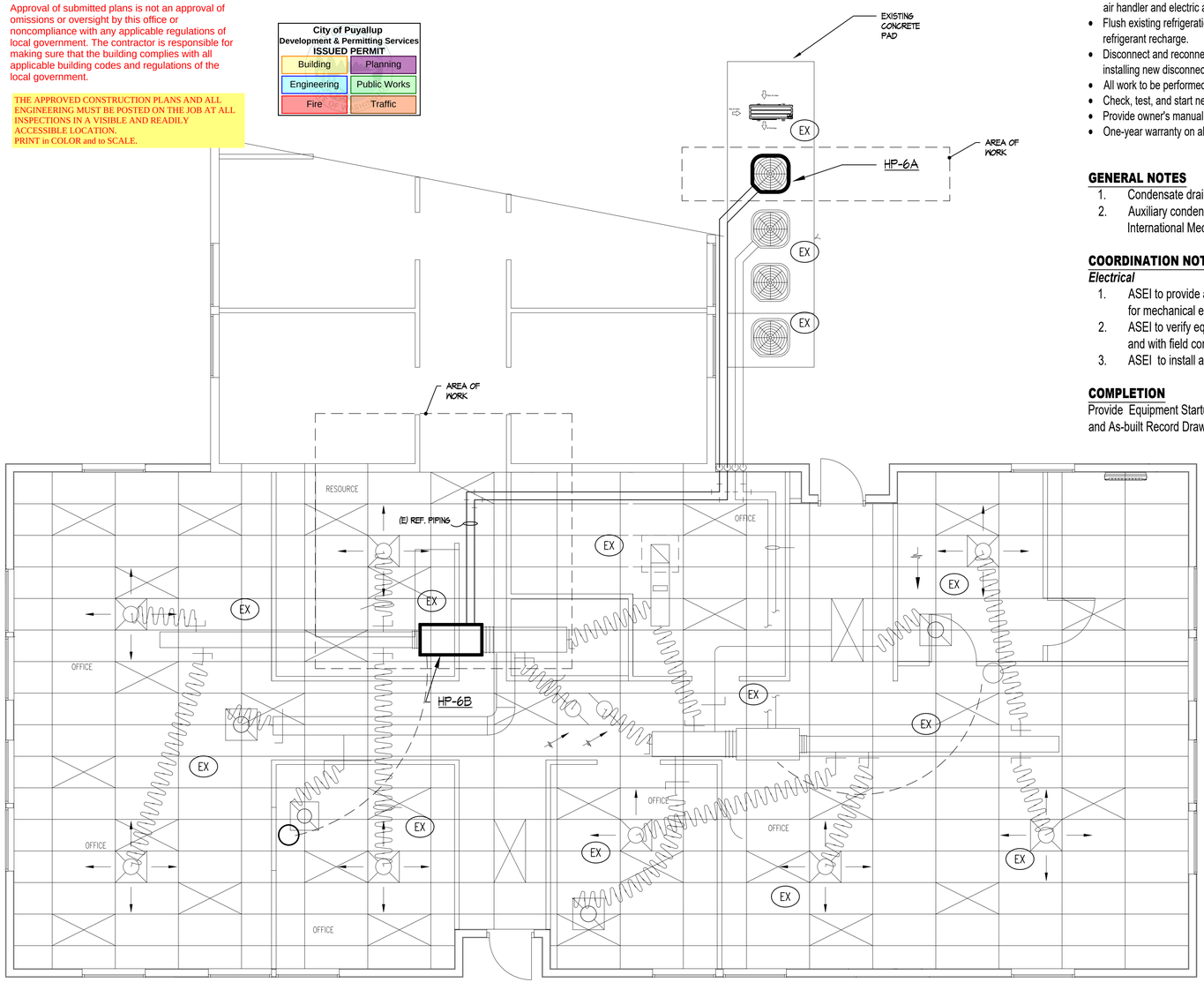
PRMH20241150

City of Puyallup Building REVIEWED FOR COMPLIANCE
RayC
07/26/2024
9:32:54 AM

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.
PRINT in COLOR and to SCALE.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic



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MAIN FLOOR PLAN – SOUTH WING
scale 1/4" = 1'-0"

KEY NOTES
EX EXISTING EQUIPMENT, DUCT, AND DIFFUSERS TO REMAIN AS FOUND

Ventilation Calculation Per IMC 403.3.1.1

Occupancy	Floor Area (ft²)	Occupiable Floor Area (ft²)	People (Occupants 1000)	Occupants	Outdoor Air (CFM/Person)	Outdoor Air for People (A)	OSA CFM (ft²)	Outdoor Air for Area (B)	Total Outdoor Air CFM = (A) + (B)
Office	252	252	5	2	5	10	0.06	15.12	25.12
Conference	253	253	50	12.65	5	63.25	0.06	15.18	78.43
Office	145	145	5	1	5	5	0.06	8.7	13.7
Office	145	145	5	1	5	5	0.06	8.7	13.7
Corridor	150	150	0	0	5	0	0.06	9	9

	Outdoor Air
Subtotal	140.0
Effectiveness	0.8
Total Required	174.9
Mechanically Provided	200

SCOPE OF WORK:

- Remove existing Trane split system heat pump. Reclaim remaining R22 refrigerant per EPA requirements and dispose unit to metal recycling facility.
- Furnish and install (1) new Trane 14 SEER split system heat pump with AHRI matched air handler and electric auxiliary heat strips.
- Flush existing refrigeration lines before pressure test, non-condensable evacuation, and refrigerant recharge.
- Disconnect and reconnect 208/1 phase electrical circuit for the HVAC unit. Includes installing new disconnect box, fuses, and electrical whip as needed.
- All work to be performed by our in-house licensed electricians.
- Check, test, and start new unit to ensure proper operation.
- Provide owner's manual and instructions.
- One-year warranty on all materials installed and workmanship

GENERAL NOTES

1. Condensate drain piping shall be copper, PVC, or PEX.
2. Auxiliary condensate drain overflow protection shall be provided per 2021 International Mechanical Code 307.2.3.

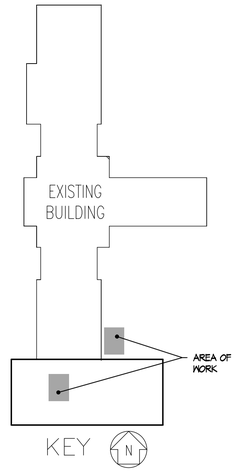
COORDINATION NOTES

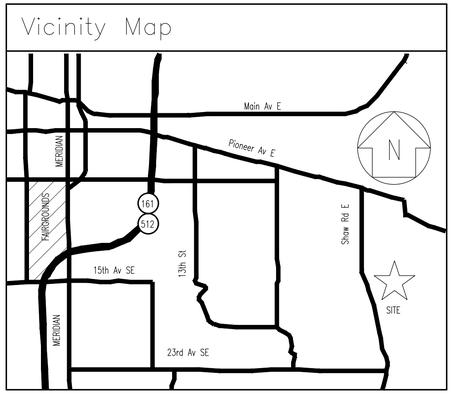
Electrical

1. ASEI to provide all electrical connections, disconnects, and motor starters for mechanical equipment.
2. ASEI to verify equipment sizes, loads and locations with mechanical plan and with field conditions.
3. ASEI to install all line voltage wiring and conduit.

COMPLETION

Provide Equipment Startup Test Reports, Operation and Maintenance Manuals, and As-built Record Drawings, as applicable, to Owner upon Project Completion.





Parcel #: 0420355026

REVISIONS

DATE	CHANGE

DRAWN BSR | DESIGN JW | DATE 7-19-24 | APPROVED

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Absher Construction

HVAC: SPLIT SYSTEM REPLACEMENT

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SHEET NO. M-1 OF 1

JOB NO. 20001008