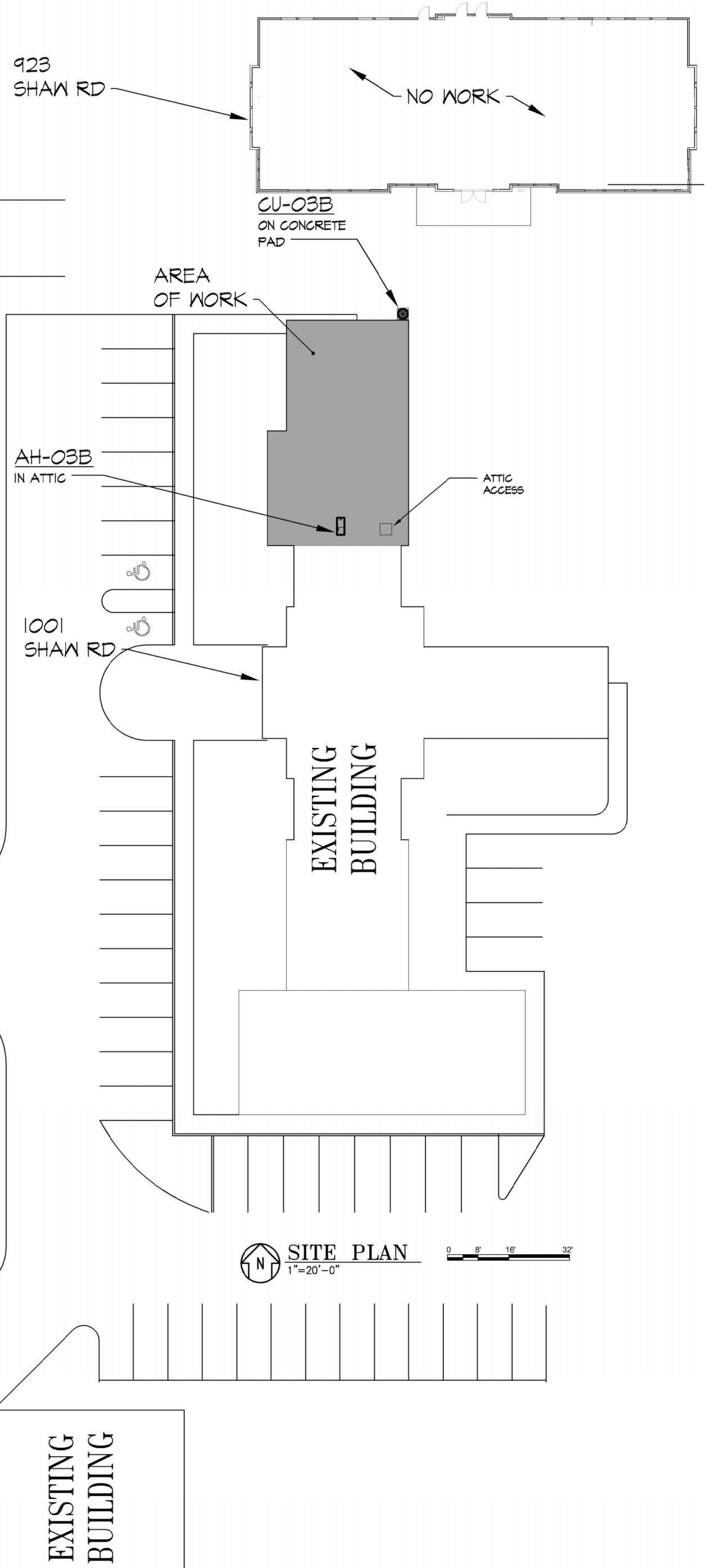


SHAW ROAD EAST



Split System Indoor Unit Schedule																
I.D. No.	Mfr.	Model	Indoor Fan				Unit Power				Heater Model (Power)	Op. Wt.	Filter Size	Outside Air CFM	TXV	Notes
			CFM	E.S.P.	RPM	H.P.	Voltage	Ph.	MCA	MOCP						
AH-03B	Trane	TEM6B0C6H51SA	1980	0.9	Variable	3/4	208	1	30	45	TRA BAYHTR3517LUGA (10.80kW)	174 lbs.	16"x18"x2"	250	Yes	

Economizer exception taken per C503.4.2 - option B: efficiency +10%

Split System Outdoor Unit Schedule														
I.D. No.	Mfr.	Model	Refrigerant	Cooling Capacity		Heating Capacity		Electrical Data				Op. Wt.	Line Set	Notes
				BTUH	SEER	BTUH	HSPF	Voltage	Ph.	MCA	MOCP			
CU-03B	Trane	4TWA7060A3000A	R-410A	54,000	17.0	36,900	9.0	208	3	22.0	35.0	293 lbs.	1-1/8" G, 3/8" L	1

1. Secure to existing pad. (Ground mounted w/ concrete anchors)

- SCOPE OF WORK:**
- Remove existing 5-ton indoor heat pump and outdoor condenser units.
 - Reclaim remaining R22 refrigerant per EPA requirements and dispose units to metal recycling facility.
 - Furnish and install (1) new Trane 5-ton split heat pump system.
 - Disconnect and reconnect 208V-1phase electrical circuit for the HVAC unit. Includes installing new disconnect box, fuses, and electrical whip.
 - All work to be performed by our in-house licensed electricians.
 - CTS. Check, test, and start new unit to ensure it is operating properly.
 - Provide owner's manual and instructions.
 - One-year warranty on all materials installed and workmanship.
 - Connect to existing supply and return duct as found

- GENERAL NOTES**
- Condensate drain piping shall be copper, PVC, or PEX.
 - Auxiliary condensate drain overflow protection shall be provided per 2018 International Mechanical Code 307.2.3.

- COORDINATION NOTES**
- Electrical**
- ASEI to provide all electrical connections, disconnects, and motor starters for mechanical equipment.
 - ASEI to verify equipment sizes, loads and locations with mechanical plan and with field conditions.
 - ASEI to provide 120v service outlet within 25 feet of each piece of mechanical equipment.
 - ASEI to install all line voltage wiring and conduit.

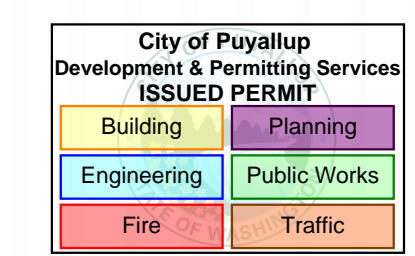
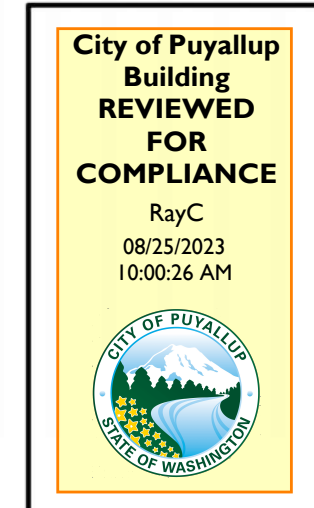
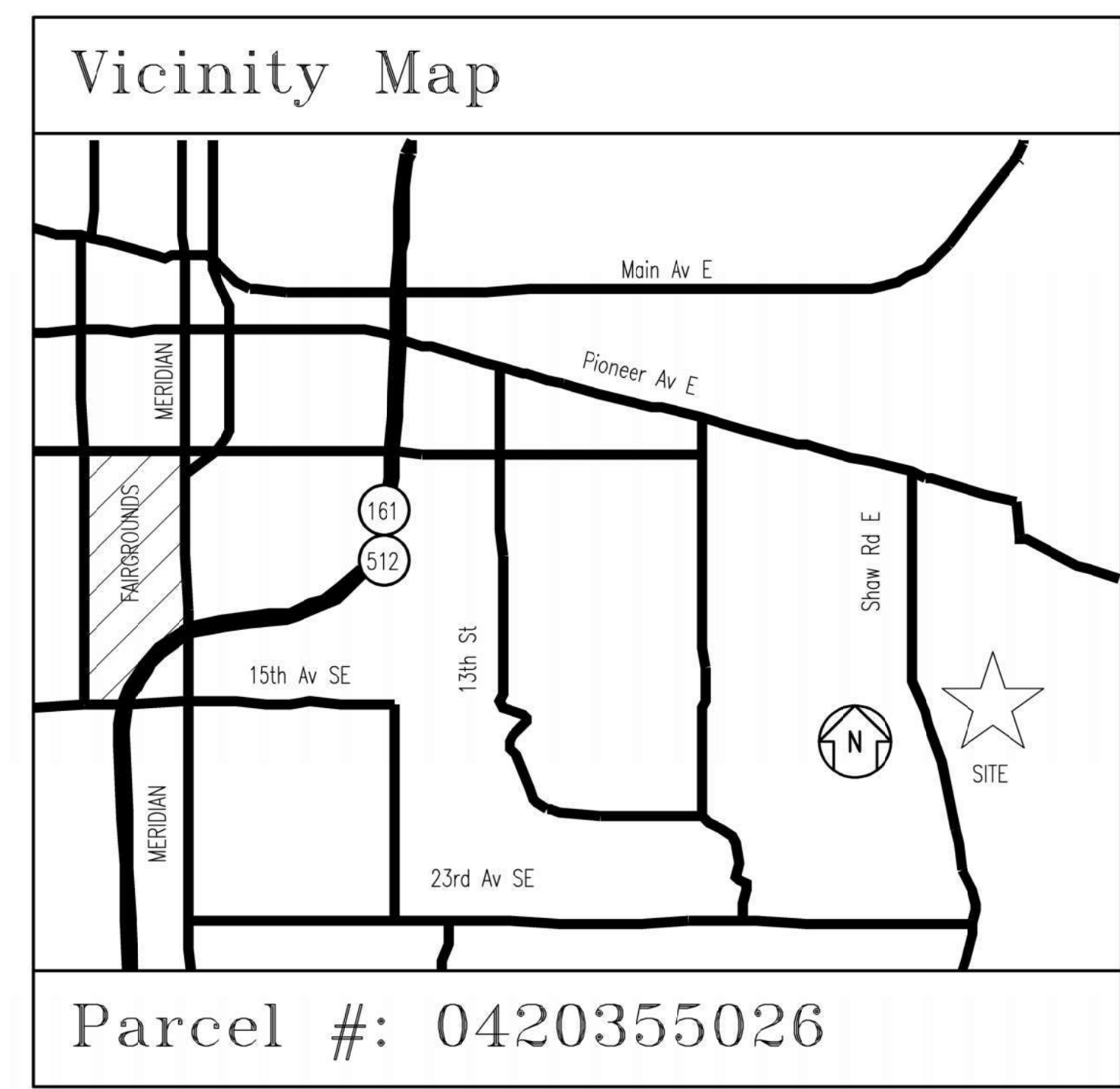
COMPLETION
Provide Equipment Startup Test Reports, Operation and Maintenance Manuals, and As-built Record Drawings, as applicable, to Owner upon Project Completion.

Thermostat Schedule					
I.D. No.	Mfr. & Model	Type	Notes	Notes	Notes
T	Existing Multizone VVT control system	Seven day programmable with night setback	Mount @ 48" A.F.F. (existing)	1,2	

NOTES: 1) Programmable stats are configured to 5 degree deadband and have 2 occupied/2 unoccupied schedules for seven days per week. Programmable stats are capable of automatically adjusting the daily start time of the HVAC system in order to bring each space to the desired occupied temperature immediately prior to schedule occupancy.

2) Existing Control System to be used as found

Ventilation Calculation Per IMC 403.3.1.1						
Occupancy	Occupiable Floor Area (ft ²)	People (Occupants 1000)	Outdoor Air (CFM/Person)	Occupants	OSA CFM (ft ³)	Total Outdoor Air CFM
Office 1	100	5	5	1	0.06	11.00
Office 2	100	5	5	1	0.06	11.00
Office 3	100	5	5	1	0.06	11.00
Office 4	120	5	5	1	0.06	12.20
Office 5	120	5	5	1	0.06	12.20
Office 6	150	5	5	1	0.06	14.00
Office 7	160	5	5	1	0.06	14.60
Office 8	126	5	5	1	0.06	12.60
Office 9	126	5	5	1	0.06	12.60
Hallway	560	-	-	-	0.06	33.60
Subtotal						144.8
Effectiveness						0.8
Total Required						181.0
Mechanically Provided						250



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.

REVISIONS	CHANGE
DATE	
DRAWN BSR	DESIGN DC
DATE	DATE
AUGUST 11, 2023	APPROVED

ABSHER CONSTRUCTION
5 TON SPLIT SYSTEM REPLACEMENT
HVAC
1001 SHAW RD EAST
PUYALLUP WA 98372

CITY OF PUYALLUP APPROVAL

Air Systems Engineering Inc.
COMFORT USA
AIR CONDITIONING/SHEET METAL/REFRIGERATION/PROFESSIONAL ENGINEERS/SERVICE & MAINTENANCE

SHEET NO. M-1 OF 1
JOB NO. S13165