

MECHANICAL DESIGN, INSTALLATION & COORDINATION SHALL COMPLY WITH THE FOLLOWING CODES:

1. A. INTERNATIONAL MECHANICAL CODE (IMC) (2018)
2. B. WASHINGTON STATE ENERGY CODE (WSEC) (2018)
3. THE FOLLOWING NOTES APPLY TO ALL MECHANICAL DRAWINGS. ADDITIONAL MECHANICAL NOTES MAY BE INDICATED ON EACH DRAWING FOR EACH MECHANICAL SYSTEM. SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR GENERAL CONSTRUCTION INCLUDING, LOUVERS, CONCRETE EQUIPMENT PADS FLASHING DETAILS, ETC.
5. REFER TO ARCHITECTURAL DRAWING FOR ROOM ELEVATIONS. LOCATE MECHANICAL DEVICES SUCH AS TEMPERATURE SENSORS, HUMIDISTATS, PANELS, ETC. SO THAT THEY DO NOT CONFLICT WITH GENERAL CONSTRUCTION (WAINSCOT, DOOR HARDWARE, ETC.) NOR WITH ELECTRICAL SYSTEM (LIGHT SWITCHES, SPEAKERS, OUTLETS, ETC.)
6. MECHANICAL DRAWINGS SHOW APPROXIMATE LOCATIONS FOR GRILLS AND DIFFUSERS. FIELD COORDINATE ACTUAL LOCATIONS BY REFERRING TO ARCHITECTURAL DRAWINGS, REFLECTED CEILING PLANS, AND OTHER CEILING OR SURFACE MOUNTED DEVICES PLANS. INSTALL EQUIPMENT IN CONFORMANCE WITH ARCHITECTURAL FEATURES IN THE CENTER OF CEILING TILES. IN THE CENTER OF ROOMS OR WHERE THERE IS NO TILE, PROJECT MECHANICAL EQUIPMENT. IF EQUIPMENT IS NOT INDICATED ARCHITECTURAL DRAWINGS, OBTAIN DIRECTION FROM ARCHITECT PRIOR TO INSTALLATION.
7. GENERALLY DUCTWORK PLANNED TO BE TIGHT TO STRUCTURE WITH PIPING BELOW DUCTWORK AND BETWEEN LIGHT FIXTURES. ADJUST AS NECESSARY.
8. COORDINATE LOCATIONS OF MECHANICAL EQUIPMENT AND DUCTWORK TO PROVIDE CLEARANCES OVER LIGHTING FIXTURES FOR HANDING. DO NOT EXCEED MINIMUM CLEARANCES TO EQUIPMENT MAINTENANCE.
9. ARRANGE HVAC EQUIPMENT SO THAT ACCESS CLEARANCES INDICATED BY DRAWINGS, REQUIRED BY CODES, AND RECOMMENDED BY MANUFACTURER ARE PROVIDED.
10. WHERE NECESSARY, PROVIDE ACCESS PANELS/DOORS IN DUCTWORK AS INDICATED FOR INSPECTION AND MAINTENANCE FOR ALL SMOKE/FIRE DAMPERS.
11. GENERAL CONTRACTOR SHALL PROVIDE ACCESS TO WALLS AND/OR COMBINATION FIRE/SMOKE DAMPERS THROUGH ACCESS DOORS IN HANDICAPS AND WALLS. WHERE ACCESS DOORS PENETRATE FIRE RATED SYSTEMS THEY SHALL BE RATED IN ACCORDANCE WITH IBC REQUIREMENTS.
12. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL ELECTRICAL CHARACTERISTICS OF MECHANICAL EQUIPMENT (VOLTAGES, ETC.).
13. ELECTRICAL CHARACTERISTICS OF LISTED EQUIPMENT SHALL BE VERIFIED BY CONTRACTOR DURING SUBMITTAL PROCESS. ELECTRICAL CHARACTERISTICS THAT DEVIATE FROM THOSE LISTED SHALL BE IDENTIFIED BY THE CONTRACTOR, SUBMITTED TO THE ENGINEER FOR APPROVAL AND COORDINATED WITH DIVISION 16 (OR DIVISION 26) PRIOR TO INSTALLATION OF EQUIPMENT AS REQUIRED TO PROPERLY SERVE EQUIPMENT.
14. DRAWINGS ARE SCHEMATIC IN SOME AREAS AND MAY NOT SHOW OFFSETS WHICH MAY BE REQUIRED. PROVIDE OFFSETS TO FIT INTO AVAILABLE SPACE AND ADDITIONAL ACCESS DUCT.
15. REFER TO PIPING DIAGRAMS AND DETAILS FOR REQUIRED FITTINGS, VALVES, ETC. FLOOR PLANS AND SECTIONS INDICATE EQUIPMENT LOCATIONS AND GENERAL PIPE ROUTING ONLY.
16. DUCTS AND PIPES INDICATED WITHOUT DIMENSIONS SHALL BE SIZED PER PRECEDING UPSTREAM DUCT AND PIPE SECTIONS.
17. DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSION.
18. PROVIDE FABRICATED STEEL MEMBER SUPPORTS AS REQUIRED BY MANUFACTURER'S INSTALLATION INSTRUCTIONS, AS INDICATED ON DRAWINGS, OR IN SPECIFICATIONS FOR INSTALLATION OF EQUIPMENT. REQUIRED STRUCTURAL MEMBERS, BOLTS, AND WELDS SHALL BE IN ACCORDANCE WITH AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL.
19. IF REQUIRED FOR INSTALLATION OF PIPES, DUCTS, AND EQUIPMENT, PROVIDE ADDITIONAL STRUCTURAL SUPPORTS BETWEEN JOISTS, BEAMS, COLUMNS, AND STRUCTURAL FRAME TO MEET SUPPORT REACTIONS (FORCES, MOMENTS, AND DEFLECTIONS). STRUCTURAL MEMBERS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER.
20. DO NOT CORE DRILL OR DRILL THROUGH BEAMS, COLUMNS, AND SHEAR WALLS, UNLESS INDICATED ON STRUCTURAL DRAWINGS OR AS APPROVED BY THE STRUCTURAL ENGINEER.
21. ALL AIR EXTENDED PLENUMS CONNECTED TO THE MECHANICAL SYSTEM SHALL HAVE AN OUTLET ON A SUPPLY AIR DUCT SUCH AS A WATER SOURCE OR EXHAUST FAN, COIL UNIT, FAN POWERED VAV TERMINAL. PROVIDE 1" THICK INTERIOR ACOUSTICAL LINER IN THE FIRST 4' OF LENGTH. NO TAP-INS SHALL OCCUR IN THIS SECTION.
22. PROVIDE DUCT LINING FOR THE FOLLOWING DUCTWORK:
 - A. ALL AIR TRANSFER DUCTS AND CEILING RELIEF GRILLS
 - B. ALL MIXED AIR AND EXHAUST AIR PLENUMS
 - C. ALL OUTDOOR AIR DUCTS OR PLENUMS
23. PROVIDE A VOLUME DAMPER FOR EACH SUPPLY BRANCH, RETURN BRANCH (DUCTED ONLY), & EXHAUST BRANCH WHERE THREE OR MORE OPENINGS ARE ASSOCIATED WITH THE BRANCH, AND ELSEWHERE AS NOTED ON THE DRAWINGS OR IN SPECIFICATIONS.
24. DUCTWORK STATIC PRESSURE AND SEAL CLASS, BASED ON SMACNA STANDARDS.
25. REFER TO WASHINGTON STATE ENERGY CODE FOR COMPLIANCE REQUIREMENTS ON DRAWING SCHEDULE SHEETS FOR ADDITIONAL MECHANICAL PROVISIONS.
26. PROVIDE ECONOMIZERS IN ACCORDANCE WITH WSEC (2018).
27. SEAL DUCT AND PLENUM IN ACCORDANCE WITH WSEC (2018).
28. BALANCE HVAC SYSTEM IN ACCORDANCE WITH WSEC (2018).
29. COMMISSION AND COMPLETE MECHANICAL SYSTEM IN ACCORDANCE WITH WSEC (2018).
30. PROVIDE COMPLETE MECHANICAL DRAWINGS IN ACCORDANCE WITH WSEC (2018).
31. INSULATE DUCT AND PLENUM IN ACCORDANCE WITH WSEC (2018).
32. INSULATE PIPING IN ACCORDANCE WITH WSEC (2018).
33. PROVIDE THERMOSTATIC CONTROLS IN ACCORDANCE WITH WSEC (2018).
34. ENSURE SETPOINT OVERLAP RESTRICTION IN ACCORDANCE WITH WSEC (2018).
35. PROVIDE THERMOSTATIC SETBACK CAPABILITIES IN ACCORDANCE WITH WSEC (2018).
36. EQUIP SHUTOFF DAMPER CONTROLS IN ACCORDANCE WITH WSEC (2018).
37. ENSURE VENTILATION IN ACCORDANCE WITH WSEC (2018).
38. PROVIDE DEMAND CONTROL VENTILATION IN ACCORDANCE WITH WSEC (2018).
39. PROVIDE OCCUPANCY SENSORS IN ACCORDANCE WITH WSEC (2018).
40. ENSURE ELECTRICITY EFFICIENCY IN ACCORDANCE WITH WSEC (2018).
41. PROVIDE SINGLE DUCT VARIABLE AIR VOLUME (VAV) SYSTEMS WITH TERMINAL DEVICES IN ACCORDANCE WITH WSEC (2018).
42. PROVIDE DUAL DUCT AND MIXING VAV SYSTEMS WITH TERMINAL DEVICES IN ACCORDANCE WITH WSEC (2018).
43. ENSURE WORK ACCESS CLEARANCE FOR ALL MECHANICAL ELECTRICAL PANELS IS IN ACCORDANCE TO THE (2018).
44. ALL EQUIPMENT, DUCT, AND OTHER ITEMS INSTALLED WITHIN THE RETURN PLENUM MUST BE NONCOMBUSTIBLE, OR SHALL BE LISTED AND LABELED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE TO ASTM E 84 OR UL 723.
45. PROVIDE MULTIPLE HANDLING SYSTEMS SHARE COMMON SUPPLY OR RETURN AIR DUCTS OR PLENUMS WITH A COMBINED DESIGN CAPACITY GREATER THAN 2,000 CFM (0.9 M3/S). THE RETURN AIR SYSTEM SHALL BE PROVIDED WITH SMOKE DETECTORS IN ACCORDANCE WITH 2018 IMC 606.2.1.

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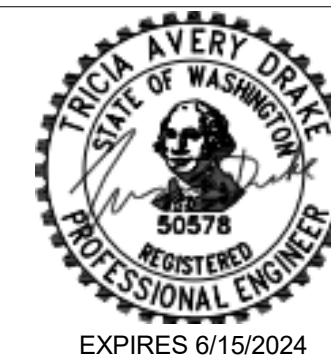
CITC South Puyallup Leasing Tenant Improvements

402 Valley Ave NW,
Puyallup, WA 98371
Suites 101 - 104

PRMH20231131

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PERMIT SET



EXPIRES 6/15/2024

MECHANICAL
SCHEDULES AND GENERAL
NOTES

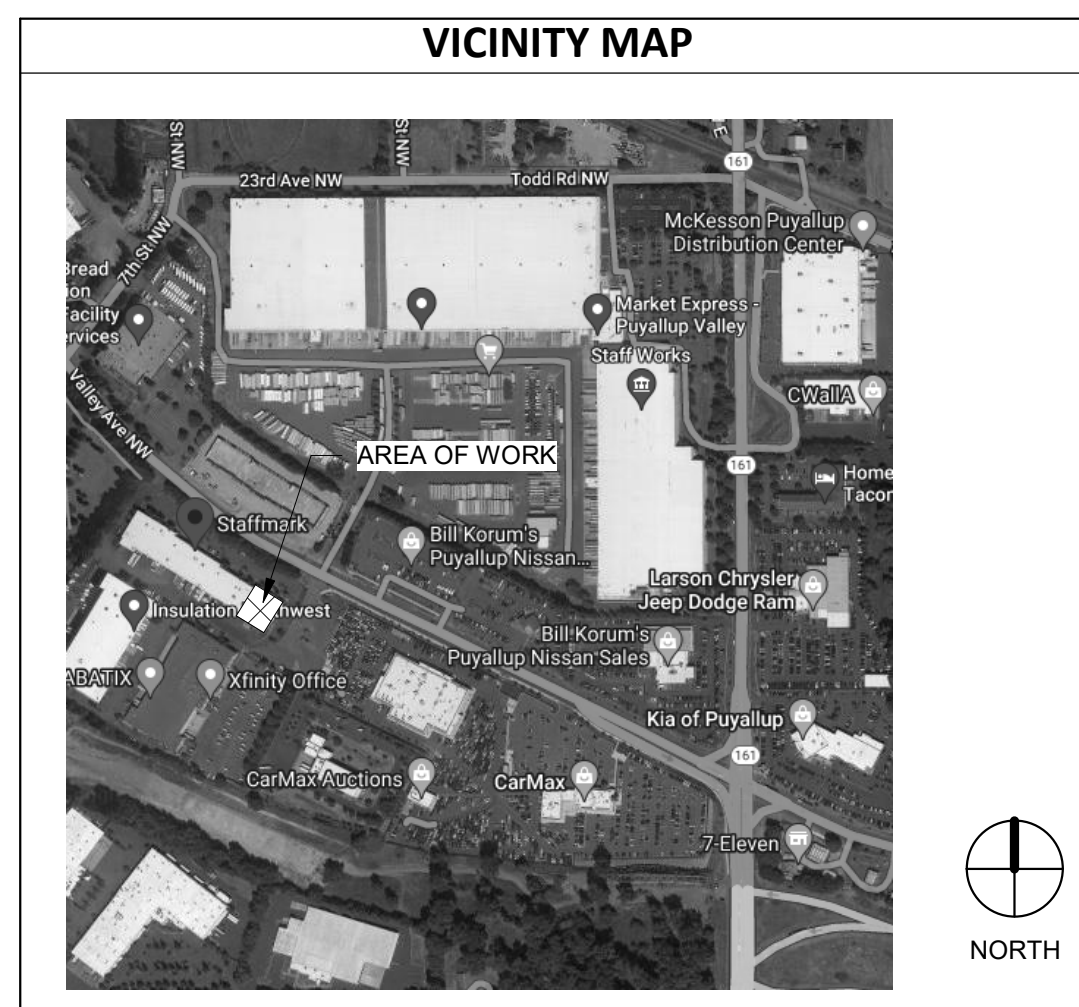
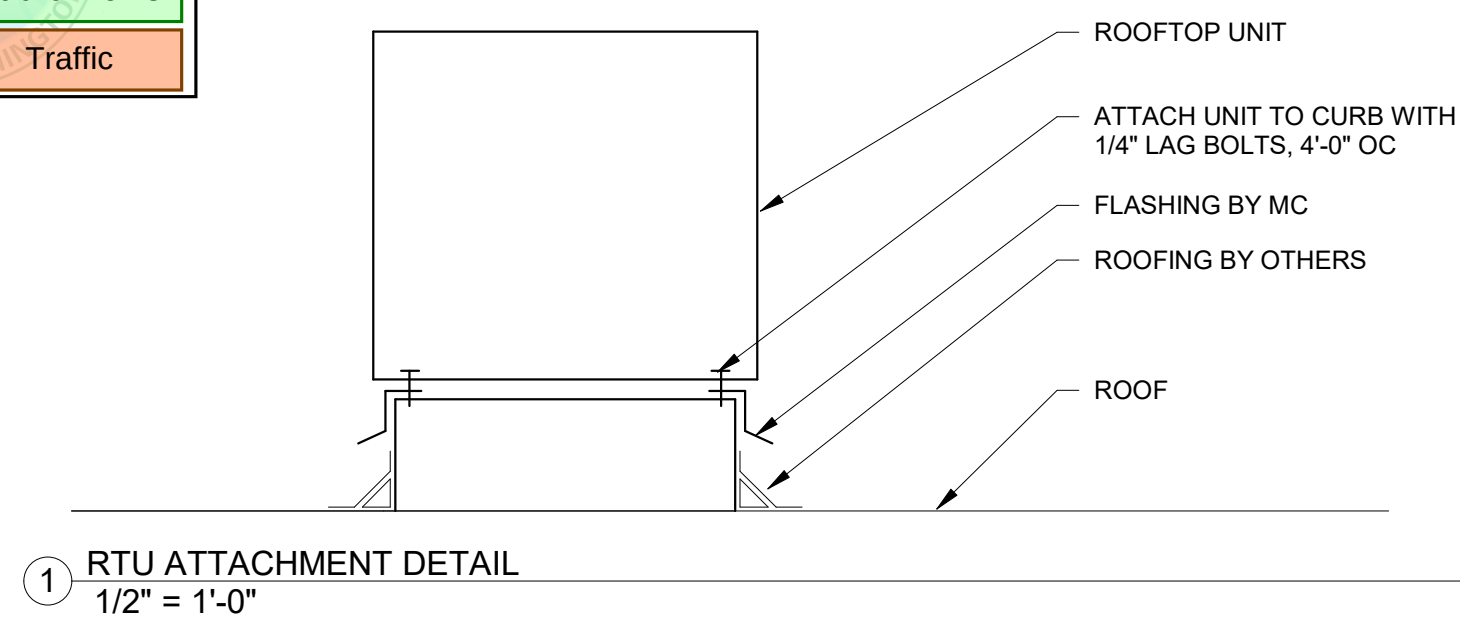
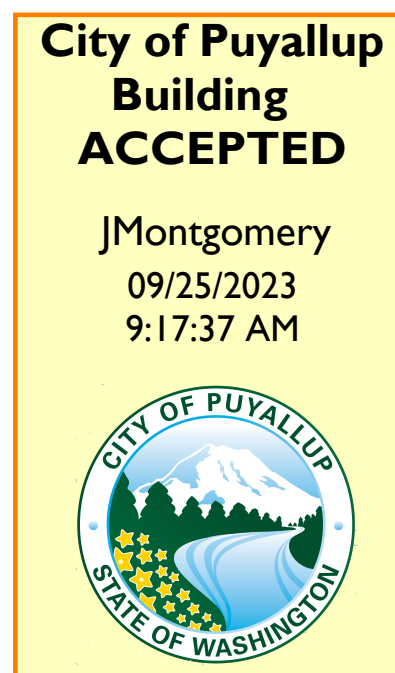
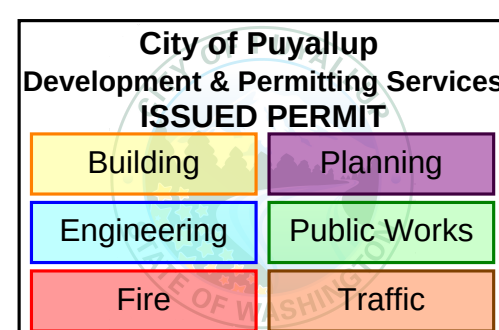
Project number	2023022
Date	9/13/2023
Drawn by	T DRAKE
Checked by	T DRAKE

M001

Scale	As indicated
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Approval of submitted plans is not an approval of omissions or oversights 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 codes and regulations of the local government.

**FULL SIZED LEDGIBLE COLOR
PLANS ARE REQUIRED TO BE
PROVIDED BY THE PERMITTEE ON
SITE FOR ALL INSPECTIONS
(MIN. PLAN SIZE 24" X 36")**



LEGAL DESCRIPTION

PARCEL NUMBER: 0420215017

LEGAL DESCRIPTION: Section 21 Township 20 Range 04 Quarter 13 PARCEL "C" OF DBLR 2002-09-18-5002 DESC AS FOLL L 1 OF S P 97-09-20-0267 TOG/W FOLL BEG AT SE COR OF SD L 1 TH N 27 DEG 09 MIN 43 SEC E 484.53 FT TH S 62 DEG 50 MIN 17 SEC E 45.56 FT TH S 32 DEG 10 MIN 00 SEC W 486.29 FT TO INTER OF NON-TANG C TO R RAD 3870 FT TH NWLY 3.15 FT THRU A CENT ANGLE OF 02 DEG 02 MIN 48 SEC TO POB ALSO TOG/W FOLL DESC PROB BEG AT SE COR OF ABOVE DESC PROP TH N 32 DEG 10 MIN 00 SEC E 486.29 FT TH S 62 DEG 50 MIN 17 SEC E 127.10 FT TH S 27 DEG 09 MIN 43 SEC W 47.43 FT TO INTER OF NON- TANG C TO R RAD 3870 FT TH NWLY 169.77 FT THRU CENT ANGLE OF 02 DEG 30 MIN 49 SEC TO POB EASE OF REC OUT OF 5-008 & 5-009 SEC 2005-0690 11/02/04CL

SHEET INDEX	
SHEET NUMBER	DESCRIPTION
M 0 0 1	SCHEDULES AND GENERAL NOTES
M202	LEVEL 1 FLOOR PLAN - NEW

