

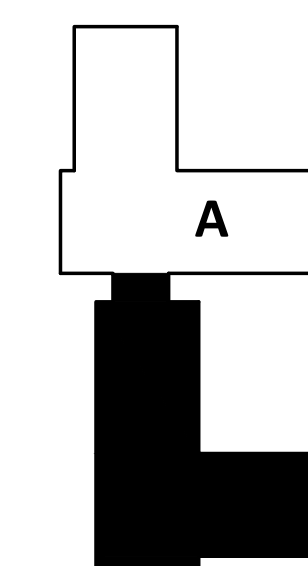


M E I A Consulting Engineers
 2007 S.E. Ash St.
 Portland, OR 97214
 PHN: (503) 234-0548
 FAX: (503) 234-0577
 INC. WWW.MEIA-ENG.COM
 CONTACT: MARK DENYER

STAMP 3-15-22



REVISION NO. DATE



KEY PLAN - (INTS)



HOME FORWARD
 5000 NE 42ND
 PORTLAND, OR 97218

ISSUANCE
 PERMIT SET

PROJECT NUMBER
 2003

DATE
 MARCH 18, 2022

SCALE
 As indicated

DRAWING TITLE

ROOF BUILDING B

MECHANICAL FLOOR

PLAN

SHEET NUMBER

M1.05B

KEY NOTES:

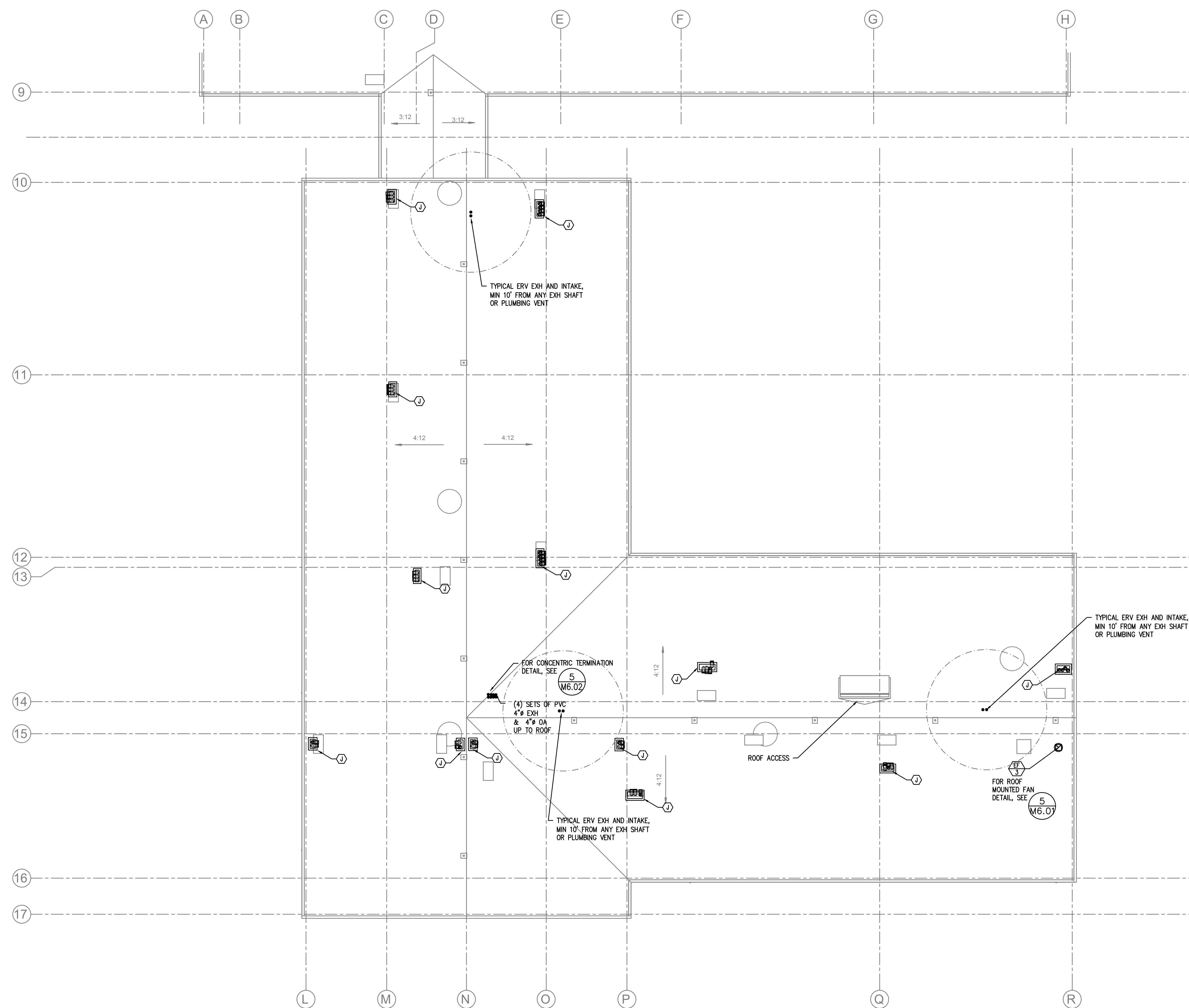
- (A) — 6" ERV EXHAUST UP TO ROOF IN RATED SHAFT.
- (B) — FOR DUCTED FAN COIL DETAIL, SEE (1) M6.01
- (C) — FIRE PENETRATION DETAIL FOR DUCTS ENTERING RATED SHAFT, SEE (4) M6.02
- (D) — REFRIGERANT LINESETS FROM CONDENSERS TO FAN COILS ON 1ST FLOOR.
- (E) — COVE STYLE WALL HEATERS FOR LIVING UNITS, 1400 W (118" LONG) FOR STUDIO UNITS, 1125 W (94" LONG) FOR 1&2 BEDROOM LIVING UNITS. INSTALL AT 90° AFF.
- (F) — XX" OUTSIDE AIR TO FAN COIL, PROVIDE WITH 2-POSITION DAMPER TO OPEN WHENEVER FAN COIL OPERATES.
- (G) — X KW WALL(SEE PLANS) HEATER QMARK AWH4404F OR EQUAL. EQUIPMENT BY ELECTRICAL CONTRACTOR. SHOWN FOR REFERENCE ONLY.
- (H) — 6X6 SA XX CFM CEILING SUPPLY GRILLE, SEE (4) M6.01
- (I) — FOR SPLIT SYSTEM CONDENSING UNIT DETAIL, SEE (3) M6.01
- (J) — ROOFTOP DOGHOUSE FOR ERV EXH., SEE (2) M6.01
- (K) — DUCT UP INTO JOIST BAY, THEN DROP OUT TO SOFFIT AND ROUTE TO EXTERIOR. JOIST BAY TO BE LINED BY GC WITH SHEET ROCK TO MAINTAIN RATED ASSEMBLY.
- (L) — EXH DUCT UP THROUGH FIRE RATING AND INTO ATTIC, PROVIDE WITH FIRE DAMPER AT EACH PENETRATION OF THE RATED CEILING — DUCT BETWEEN FIRE DAMPERS IN THE ATTIC TO BE INSULATED WITH R-8 INSULATION.
- (M) — x by x INTAKE AND EXHAUST GRILLES FOR FUTURE TI SPACES, LOUVERS TO BE CAPPED AT INTERIOR FOR FUTURE CONNECTIONS — COORDINATE WITH SOFFIT/STORE FRONT SYSTEM. (SEE PLANS FOR SIZES, SEE ARCHITECTURAL FOR EXACT SIZES).
- (N) — REFRIGERANT LINESETS FOR TI SPLIT SYSTEM HEATPUMPS.

VENTILATION CALCULATIONS:

ALL DWELLING UNITS ARE VENTILATED BY MECHANICAL VENTILATION, ENERGY RECOVERY VENTILATORS RUN CONTINUOUSLY (SIZED PER ASHRAE 62.2).

HALLWAYS ARE VENTILATED BY ENERGY RECOVERY VENTILATORS SIZED TO EXCEED THE MINIMUM 0.06 CFM/SQ FT REQUIREMENT

SEE VENTILATION SCHEDULES FOR OTHER COMMON SPACES



1 ROOF BLDG B — MECHANICAL PLAN
 M1.05B SCALE: 1/8" = 1'-0"