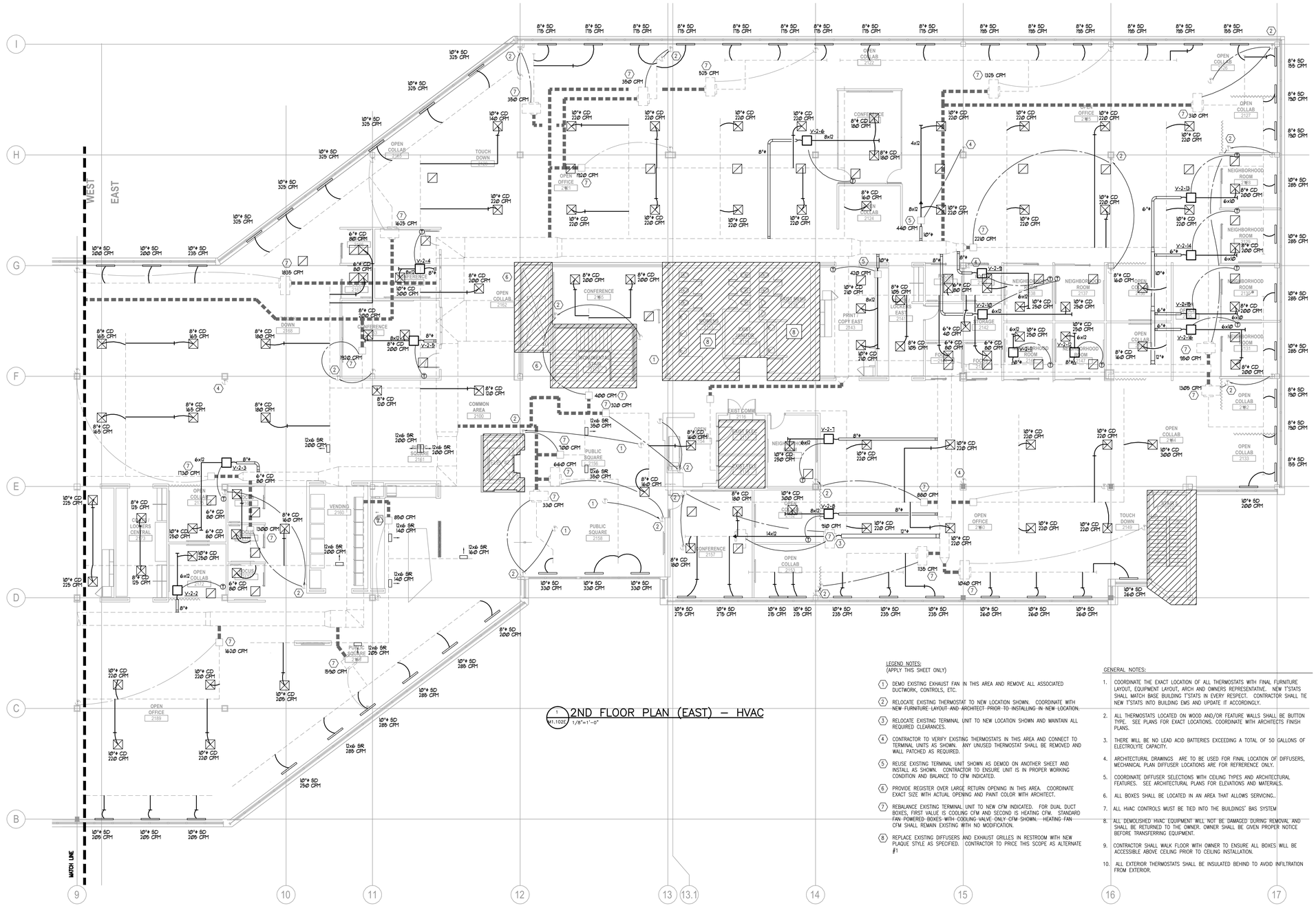

1 M1.102E 2ND FLOOR PLAN (EAST) – HVAC
1/8"=1'-0"

LEGEND NOTES:
(APPLY THIS SHEET ONLY)

1. DEMO EXISTING EXHAUST FAN IN THIS AREA AND REMOVE ALL ASSOCIATED DUCTWORK, CONTROLS, ETC.
2. RELOCATE EXISTING THERMOSTAT TO NEW LOCATION SHOWN. COORDINATE WITH NEW FURNITURE LAYOUT AND ARCHITECT PRIOR TO INSTALLING IN NEW LOCATION.
3. RELOCATE EXISTING TERMINAL UNIT TO NEW LOCATION SHOWN AND MAINTAIN ALL REQUIRED CLEARANCES.
4. CONTRACTOR TO VERIFY EXISTING THERMOSTATS IN THIS AREA AND CONNECT TO TERMINAL UNITS AS SHOWN. ANY UNUSED THERMOSTAT SHALL BE REMOVED AND WALL PATCHED AS REQUIRED.
5. REUSE EXISTING TERMINAL UNIT SHOWN AS DEMOD ON ANOTHER SHEET AND INSTALL AS SHOWN. CONTRACTOR TO ENSURE UNIT IS IN PROPER WORKING CONDITION AND BALANCE TO CFM INDICATED.
6. PROVIDE REGISTER OVER LARGE RETURN OPENING IN THIS AREA. COORDINATE EXACT SIZE WITH ACTUAL OPENING AND PAINT COLOR WITH ARCHITECT.
7. REBALANCE EXISTING TERMINAL UNIT TO NEW CFM INDICATED. FOR DUAL DUCT BOXES, FIRST VALUE IS COOLING CFM AND SECOND IS HEATING CFM. STANDARD FAN POWERED BOXES WITH COOLING VALVE ONLY CFM SHOWN. HEATING FAN CFM SHALL REMAIN EXISTING WITH NO MODIFICATION.
8. REPLACE EXISTING DIFFUSERS AND EXHAUST GRILLES IN RESTROOM WITH NEW PLAQUE STYLE AS SPECIFIED. CONTRACTOR TO PRICE THIS SCOPE AS ALTERNATE #1

GENERAL NOTES:

1. COORDINATE THE EXACT LOCATION OF ALL THERMOSTATS WITH FINAL FURNITURE LAYOUT, EQUIPMENT LAYOUT, ARCH AND OWNERS REPRESENTATIVE. NEW T'STATS SHALL MATCH BASE BUILDING T'STATS IN EVERY RESPECT. CONTRACTOR SHALL TIE NEW T'STATS INTO BUILDING EMS AND UPDATE IT ACCORDINGLY.
2. ALL THERMOSTATS LOCATED ON WOOD AND/OR FEATURE WALLS SHALL BE BUTTON TYPE. SEE PLANS FOR EXACT LOCATIONS. COORDINATE WITH ARCHITECTS FINISH PLANS.
3. THERE WILL BE NO LEAD ACID BATTERIES EXCEEDING A TOTAL OF 50 GALLONS OF ELECTROLYTE CAPACITY.
4. ARCHITECTURAL DRAWINGS ARE TO BE USED FOR FINAL LOCATION OF DIFFUSERS, MECHANICAL PLAN DIFFUSER LOCATIONS ARE FOR REFRERENCE ONLY.
5. COORDINATE DIFFUSER SELECTIONS WITH CEILING TYPES AND ARCHITECTURAL FEATURES. SEE ARCHITECTURAL PLANS FOR ELEVATIONS AND MATERIALS.
6. ALL BOXES SHALL BE LOCATED IN AN AREA THAT ALLOWS SERVICING..
7. ALL HVAC CONTROLS MUST BE TIED INTO THE BUILDINGS' BAS SYSTEM
8. ALL DEMOLISHED HVAC EQUIPMENT WILL NOT BE DAMAGED DURING REMOVAL AND SHALL BE RETURNED TO THE OWNER. OWNER SHALL BE GIVEN PROPER NOTICE BEFORE TRANSFERRING EQUIPMENT.
9. CONTRACTOR SHALL WALK FLOOR WITH OWNER TO ENSURE ALL BOXES WILL BE ACCESSIBLE ABOVE CEILING PRIOR TO CEILING INSTALLATION.
10. ALL EXTERIOR THERMOSTATS SHALL BE INSULATED BEHIND TO AVOID INFILTRATION FROM EXTERIOR.

FLOOR 2 EAST TERMINAL UNIT SCHEDULE

TAG	Type	Cooling CFM	Inlet Size	Valve Min	LAT	Heat	LAT	Basis of Design
V-2-2	VAV	250	5"	40	n/a	N/A	n/a	Titus - New
V-2-3	VAV	250	5"	40	n/a	N/A	n/a	Titus - New
V-2-4	VAV	300	6"	60	n/a	N/A	n/a	Titus - New
V-2-5	VAV	400	6"	60	n/a	N/A	n/a	Titus - New
V-2-6	VAV	360	6"	60	n/a	N/A	n/a	Titus - New
V-2-7	VAV	250	5"	40	n/a	N/A	n/a	Titus - New
V-2-8	VAV	300	6"	60	n/a	N/A	n/a	Titus - New
V-2-9	VAV	250	5"	40	n/a	N/A	n/a	Titus - New
V-2-10	VAV	250	5"	40	n/a	N/A	n/a	Titus - New
V-2-11	VAV	250	5"	40	n/a	N/A	n/a	Titus - New
V-2-12	VAV	250	5"	40	n/a	N/A	n/a	Titus - New
V-2-13	VAV	200	5"	40	n/a	N/A	n/a	Titus - New
V-2-14	VAV	200	5"	40	n/a	N/A	n/a	Titus - New
V-2-15	VAV	200	5"	40	n/a	N/A	n/a	Titus - New
V-2-16	VAV	200	5"	40	n/a	N/A	n/a	Titus - New

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Date	Description
08.18.2017	ISSUE FOR PERMIT AND CONSTRUCTION

Seal / Signature

STATE OF MAINE
BRAD J. RABINOWITZ
No. 15176
LICENSED PROFESSIONAL ENGINEER
08/18/17

Project Name
Unum Workplace Transformation- Phase 1 (HO2)

Project Number
59.6481.000

Description
2ND FLOOR PLAN (EAST) - HVAC

Scale

M1.102E

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