



1ST FLOOR PLAN (EAST) -- HVAC
11-101E 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. BALANCE TO CFM INDICATED.
- 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 DEMO ON SHEET AND INSTALL AS SHOWN. CONTRACTOR TO ENSURE UNIT IS IN PROPER WORKING CONDITION AND BALANCE TO CFM INDICATED.
- 6 DEMO EXISTING TERMINAL UNIT IN THIS AREA. CAP ALL HOT WATER LINES ABOVE CEILING AND REMOVE ALL DUCTWORK, CONTROLS, ETC. SEAL ANY OPENINGS IN DUCTWORK WITH SHEETMETAL AND "HARDCAST". REUSE TERMINAL UNIT IF REQUIRED FOR THIS PROJECT. SEE THIS SHEET AND OTHERS FOR LOCATIONS.
- 7 REBALANCE EXISTING TERMINAL UNIT TO NEW CFM INDICATED. FOR DUAL-DUCT BOXES, FIRST VALVE 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 DEMO EXISTING ZONE DAMPER THERMOSTAT AND ASSOCIATED ZONE DAMPER OUT OF THE DUCTWORK. AHU SHALL BE CONVERTED BACK TO A CONSTANT VOLUME UNIT TO SERVE THE PERIMETER ZONE.
- 9 PROVIDE REGISTER OVER LARGE RETURN OPENING IN THIS AREA. COORDINATE EXACT SIZE WITH ACTUAL OPENING AND PAINT COLOR WITH ARCHITECT.
- 10 REPLACE EXISTING DIFFUSERS AND EXHAUST GRILLES IN RESTROOM WITH NEW PLAQUE STYLE AS SPECIFIED. CONTRACTOR TO PRICE THIS SCOPE AS ALTERNATE #1
- 11 REMOVE RADIANT PANELS IN THIS AREA AND RETURN TO OWNER.
- 12 EXISTING BASEBOARD HEAT TO REMAIN. OFFSET EXISTING HOT WATER PIPING IN EXISTING WALLS TIGHT TO COLUMNS AND RECONNECT AS REQUIRED.

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 THE 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 ARCHITECT'S 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 REFERENCE 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 1 EAST TERMINAL UNIT SCHEDULE											
TAG	Type	Cooling CFM	Inlet Size	Valve Min	Fan Min	Fan %	LAT	Heat	LAT	Basis of Design	
V-1-1	VAV	1,180	10"	165	n/a	n/a	n/a	n/a	n/a	Titus - New	
V-1-2	VAV	260	6"	40	n/a	n/a	n/a	N/A	n/a	Titus - New	
V-1-3	VAV	360	6"	60	n/a	n/a	n/a	N/A	n/a	Titus - New	
V-1-4	VAV	420	6"	60	n/a	n/a	n/a	N/A	n/a	Titus - New	
V-1-5	VAV	200	5"	40	n/a	n/a	n/a	N/A	n/a	Titus - New	
V-1-6	VAV	200	5"	40	n/a	n/a	n/a	N/A	n/a	Titus - New	
V-1-7	VAV	200	5"	40	n/a	n/a	n/a	N/A	n/a	Titus - New	
V-1-8	VAV	250	5"	40	n/a	n/a	n/a	N/A	n/a	Titus - New	
V-1-9	VAV	250	5"	40	n/a	n/a	n/a	N/A	n/a	Titus - New	
V-1-10	VAV	300	6"	60	n/a	n/a	n/a	N/A	n/a	Titus - New	

Date	Description
08.18.2017	ISSUE FOR PERMIT AND CONSTRUCTION
2 09.01.2017	ADDENDUM #2

Seal / Signature

 Project Name
 Unum Workplace
 Transformation- Phase 1 (H02)
 Project Number
 59.6481.000
 Description
 1ST FLOOR PLAN (EAST) - HVAC

Scale

M1.101E