



2ND FLOOR PLAN (WEST) - 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 ROUTE 6" EXHAUST DUCT TO EXISTING BATHROOM EXHAUST IN THE EXISTING RESTROOM GROUP. REBALANCE TOILET EXHAUST FAN FOR AN ADDITIONAL 75 CFM.
 - 4 CONTRACTOR TO BREAK EXISTING BASEBOARD HEATING SECTIONS IN THIS AREA OR COORDINATE WALL CONSTRUCTION AS REQUIRED TO WORK AROUND EXISTING BASE BOARD HEAT.
 - 5 RELOCATE EXISTING UNDERFLOOR AIR GRILLES TO NEW LAYOUT SHOWN. REUSE EXISTING CUT TILES IF POSSIBLE AND LAYOUT SHALL BE IN A UNIFORM PATTERN.
 - 6 PROVIDE THERMOSTAT IN THIS ROOM TIED TO THE BMS AND INTERLOCKED INTO NEW TITUS ROUND FLOOR DIFFUSERS. FLOOR DIFFUSERS IN THIS ROOM SHALL ALL BE PROVIDED WITH THE ORIGINAL IRVY BASKET CONTROLLED BY AN ACTUATOR TO GIVE VARIABLE AIR VOLUME CONTROL. PROVIDE WITH PRESS FIT RING AND FACE ADJUSTMENTS AND COORDINATE COLOR WITH ARCHITECT. MAXIMUM NC SHALL BE 35 AT 0.05" ESP AND MINIMUM AIRFLOW SHALL BE SET TO 0 CFM (OR 0% VALVE POSITION).
 - 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 RAISE EXISTING THERMOSTAT AS REQUIRED TO COORDINATE WITH EXISTING CUBE WALL HEIGHT IN THIS AREA.
 - 9 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.
 - 10 DEMO EXISTING DUCTWORK OFF TERMINAL UNIT AND REPLACE WITH NEW DUCTWORK AS SHOWN.
 - 11 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.
 - 12 PROVIDE REGISTER OVER LARGE RETURN OPENING IN THIS AREA. COORDINATE EXACT SIZE WITH ACTUAL OPENING AND PAINT COLOR WITH ARCHITECT.
 - 13 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 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 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 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 2 WEST TERMINAL UNIT SCHEDULE					
TAG	Type	Cooling CFM	Inlet Size	Valve Min	Heat Basis of Design
V-2-17	VAV	250	5"	40	N/A Titus - New
V-2-18	VAV	250	5"	40	N/A Titus - New

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

Seal / Signature

03/01/17

Project Name
Unum Workplace Transformation- Phase 1 (HO2)

Project Number
59.6481.000

Description
2ND FLOOR PLAN (WEST) - HVAC

Scale

M1.102W