



1ST FLOOR PLAN (WEST) - ELECTRICAL
E1.101W 1/8"=1'-0"

- GENERAL NOTES:**
(APPLY THIS SHEET ONLY)
- COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH THE ARCHITECT & FURNITURE VENDOR PRIOR TO INSTALLATION.
 - HATCHED AREA NOT IN THIS SCOPE OF WORK.
 - 'E' DENOTES EXISTING DEVICE TO REMAIN. 'R' DENOTES EXISTING DEVICE TO BE RELOCATED.
 - VERIFY PROPER FUNCTIONALITY OF ALL EXISTING AND RELOCATED ELECTRICAL DEVICES, INCLUDING THEIR COVERPLATES. PROVIDE REPLACEMENTS AS REQUIRED IF ANY ARE NOT OPERATING AS INTENDED OR HAVE ABOVE NORMAL WEAR OR DEFECTS.
 - ALL ABANDONED AND UNUSED JUNCTION BOXES, BOXES WITH BLANK COVERPLATES, AND DATA OUTLET LOCATIONS NOT SHOWN ON THIS PLAN ARE TO BE DEMO'D. PATCH ANY EXISTING TO REMAIN WALLS TO A LIKE NEW CONDITION. ANY RECEPTACLE, WITHIN THE SCOPE OF WORK AREA, NOT SHOWN TO REMAIN SHALL BE REMOVED. ALL ASSOCIATED CONDUIT AND WIRING SHALL BE REMOVED BACK TO ITS SOURCE.
 - DEDICATED OUTLETS SHALL BE 20A RATED, U.N.O.
 - A 5-1 WIRING CONFIGURATION HAS BEEN ASSUMED FOR THE MODULAR FURNITURE. NO ISOLATED GROUND (IG) RECEPTACLE PROVISIONS HAVE BEEN PROVIDED. IF A DIFFERENT CONNECTION IS REQUIRED PLEASE NOTIFY ENGINEER AND ARCHITECT AS SOON AS POSSIBLE. THE BRANCH CIRCUIT BREAKER CONFIGURATIONS WOULD NEED TO BE REVISED TO MATCH.
 - COORDINATE ALL CORE DRILL LOCATIONS THROUGH SLAB WITH THE ARCHITECT AND LANDLORD PRIOR TO DRILLING. FOR ANY SLAB WITH POST-TENSION CABLING A SCAN SHALL BE PROVIDED TO LOCATED ANY OBSTRUCTIONS.
 - RECEPTACLES SHALL BE INSTALLED PER ANSI A117.1.
 - LABEL ALL OUTLETS, DEVICES, POWER POLES, JUNCTION BOXES, ETC., WITH THE CORRESPONDING CIRCUIT DESIGNATION. LABEL TO BE TYPEWRITTEN; BLACK LETTERS ON WHITE BACKGROUND.
 - CIRCUIT HOMERUN DESIGNATIONS ARE NOTED FOR DESIGN INTENT ONLY BASED ON FIELD OBSERVATIONS OF EXISTING PANEL SCHEDULES, WHERE AVAILABLE. CONTRACTOR TO CONFORM ALL SPARE CIRCUIT BREAKERS AND THOSE MADE AVAILABLE DUE TO DEMOLITION.
 - PROVIDE PULL STRINGS FOR ALL EMPTY CONDUIT. EACH NON-TERMINATED CONDUIT END SHALL BE PROVIDED WITH A BUSHING.
 - DIVISION 26 CONTRACTOR SHALL COORDINATE WITH DIVISION 23 TO MAKE SURE RETURN AIR OPENINGS ARE KEPT CLEAR OF ANY CONDUITS.
 - ALL RECEPTACLES WITHIN 6'-0" OF ANY WATER SOURCE SHALL BE 'GFCI' TYPE.

- LEGEND NOTES:**
(APPLY THIS SHEET ONLY)
- BASEFEED LOCATION. PROVIDE (1)-1" EMPTY CONDUIT TO ABOVE ACCESSIBLE CEILING FOR LOW-VOLTAGE CABLING. PROVIDE HARDWIRED CONNECTION SHOWN TO WHIP AND UTILIZE STEEL 90° STRAIN RELIEF CORD CONNECTOR WITH FACE PLATE TO DIRECT CABLE TO FLOOR ALLOWING FOR CLOSE PLACEMENT OF FURNITURE SYSTEM.
 - POWER POLE LOCATION AT MODULAR FURNITURE. PROVIDE HARDWIRED CONNECTION TO WHIP. COORDINATE EXACT LOCATION WITH FURNITURE VENDOR.
 - RAISED FLOORBOX LOCATION. PROVIDE A WIREMOLD CRFB SERIES DEVICE WITH EVOLUTION SERIES ROUND COVER, QUAD RECEPTACLE, AND CENTER DEVICE PLATE FOR TELE/DATA AS REQUIRED BY LOW-VOLTAGE VENDOR.
 - RAISED FLOORBOX LOCATION. PROVIDE A WIREMOLD CRFB SERIES DEVICE WITH EVOLUTION SERIES ROUND COVER, QUAD RECEPTACLE, AND CENTER DEVICE PLATE FOR TELE/DATA & A/V AS REQUIRED BY LOW-VOLTAGE VENDOR. ROUTE (1)-1" E.C. TO THE A/V JUNCTION BOX BEHIND THE ROOM'S LCD SCREEN.
 - LCD SCREEN LOCATION. PROVIDE A CHIEF PAC526 WALLBOX FOR A/V CABLING WITH A DUPLEX RECEPTACLE AND JUNCTION BOX FOR TELE/DATA MOUNTED TO THE BOX. ROUTE (1)-3/4" E.C. FROM THE TELE/DATA J-BOX AND (1)-1" E.C. FROM THE PAC BOX TO THE ACCESSIBLE CEILING SPACE ABOVE. COORDINATE EXACT MOUNTING LOCATION WITH THE AUDIOVISUAL INSTALLER.
 - A/V WALL INPUT. PROVIDE 2-GANG JUNCTION BOX, MOUNTED AT 18" A.F.F., FOR A/V CABLING. ROUTE (1)-1" E.C. TO THE LCD SCREEN BOX ABOVE.
 - FURNITURE FEED VIA RAISED FLOOR. PROVIDE HARDWIRED CONNECTION TO WHIP. PROVIDE (2)-2" GROMMETTED HOLES IN THE RAISED FLOOR, ONE FOR POWER INFEED CIRCUITS INDICATED AND ONE FOR TELE/DATA CABLING.
 - EXISTING ELECTRIC WATER COOLER/ DRINKING FOUNTAIN BEING REPLACED WITH NEW. UTILIZE EXISTING CIRCUIT/RECEPTACLE FOR RE-CONNECTION. IF OUTLET IS NOT GFCI TYPE, PROVIDE ONE. IF HARDWIRED CONNECTION IS EXISTING MAKE SURE EXISTING BREAKER IS GFCI TYPE. IF NOT, PROVIDE NEW.
 - POKE-THRU LOCATION. PROVIDE A WIREMOLD 6AT SERIES DEVICE WITH QUAD RECEPTACLE AND CENTER DEVICE PLATE FOR TELE/DATA AS REQUIRED BY LOW-VOLTAGE VENDOR.
 - OUTLETS AT THIS ISLAND ARE TO BE FED FROM BELOW.
 - REPLACE EXISTING OUTLET(S) IN THE RESTROOM WITH A NEW DEVICE AND COVERPLATE. MAINTAIN CONNECTION TO EXISTING 120V CIRCUIT. FIELD VERIFY EXACT LOCATION AND QUANTITY FOR EACH ROOM.
 - CARD READER LOCATION. PROVIDE JUNCTION BOX AND 1" CONDUIT STUBBED UP TO ACCESSIBLE CEILING ON SECURE SIDE OF WALL. PROVIDE ALL REQUIRED CONNECTIONS/PROVISIONS FOR ELECTRIC DOOR STRIKE, MOTION SENSOR RELEASE, ETC., AS REQUIRED BY SECURITY VENDOR.
 - PANEL LOCATION IS IN GROUND LEVEL MAIN GENERATOR ROOM BELOW.
 - POKE-THRU LOCATION AT MODULAR FURNITURE. PROVIDE WIREMOLD 6AT POKE-THRU DEVICE WITH (1) 1-1/4" E.C. W/ PULLSTRING & BUSHING UP NEAREST WALL, TO ACCESSIBLE CEILING ABOVE.
 - LCD SCREEN LOCATION. PROVIDE A CHIEF PAC526 WALLBOX FOR A/V CABLING WITH A QUAD RECEPTACLE, JUNCTION BOX FOR TELE/DATA & CATV MOUNTED TO THE BOX. ROUTE (1)-3/4" E.C. EACH FROM THE TELE/DATA & CATV J-BOXES AND (1)-1" E.C. FROM THE PAC BOX TO THE ACCESSIBLE CEILING SPACE ABOVE. COORDINATE EXACT MOUNTING LOCATION WITH THE AUDIOVISUAL INSTALLER.
 - 120V POWER PROVIDE FOR (5) TIMEZONE CLOCKS BEING INSTALLED ABOVE THE LCD SCREENS. COORDINATE EXACT POWER AND INSTALLATION REQUIREMENTS WITH EXISTING INSTALLATION IN H01 BUILDING.
 - DEVICES AT THIS LOCATION TO BE INSTALLED ABOVE BOOKCASE HEIGHT. COORDINATE EXACT HEIGHT REQUIRED WITH ARCHITECT/FURNITURE VENDOR PRIOR TO INSTALLATION.

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Seal / Signature

Project Name: 09/01/17

Unum Workplace
Transformation- Phase 1 (H02)
Project Number
59.6481.000
Description
1ST FLOOR PLAN (WEST) - ELECTRICAL

Scale
1/8" = 1'-0"

E1.101W