GENERAL ELECTRICAL NOTES

1. REMOVE ITEMS SHOWN ON DEMOLITION PLANS AND THOSE IN WALLS BEING REMOVED. REMOVE ASSOCIATED ACCESSIBLE CONDUIT AND WIRING NOT REUSED FOR NEW WORK. REMOVED ITEMS SHALL BE REMOVED FROM SITE AND DISPOSE AS REQUIRED BY SPECIFICATIONS AND LAWS.

2. WHERE EXISTING ELECTRICAL WORK TO REMAIN IS INTERRUPTED BY REMOVAL OF OTHER ELECTRICAL WORK, PROVIDE ALL WIRING, CONDUIT, ETC. REQUIRED TO MAINTAIN THESE ITEMS IN OPERATION.

3. POWER RELATED ITEMS SHOWN OR NOTED TO BE REMOVED SHALL HAVE ASSOCIATED WIRING REMOVED BACK TO JUNCTION BOX OR NEAREST ACTIVE OUTLET OR BREAKER UNLESS IT CAN BE REUSED FOR NEW WORK. REMOVE ASSOCIATED CONDUITS. FILL OPENINGS IN BOXES. PATCH FINISHES AS DIRECTED BY ARCHITECT. PROVIDE BLANK STAINLESS STEEL PLATES ON ABANDONED WALL OUTLET BOXES. LABEL BREAKERS NO LONGER SERVING EQUIPMENT AS SPARE AND TURN OFF UNLESS IT IS TO BE REUSED.

4. PROVIDE GREEN INSULATED GROUND CONDUCTOR IN ALL RUNS IN ADDITION TO THOSE SHOWN. WHEN NO CONDUCTORS ARE SHOWN, THEN PROVIDE A PHASE, NEUTRAL AND GROUND CONDUCTOR.

5. PRIOR TO ROUGH-IN OF A NEW OUTLET (RECEPTACLE, TEL/DATA, POKE-THRU FLOOR, TV, ETC.), VERIFY EXACT LOCATION WITH THE ARCHITECT AND/OR TENANT.

6. ALL NEW WORK SHALL BE WITH EMT OR RGS CONDUIT (OR FLEXIBLE METALLIC CONDUIT IN EXISTING WALLS BEING CHASED) OR MC CABLE. ALL NEW CONDUIT SHALL BE RUN IN WALLS OR ABOVE CEILINGS. NO CONDUITS SHALL BE VISIBLE TO THE PUBLIC UNLESS APPROVED BY THE ARCHITECT.

7. AFTER WORK HAS BEEN COMPLETED, CLEAN ALL LIGHT FIXTURES AND WIRING DEVICES IN THE RENOVATED SPACES. NO DIRT, DEBRIS, FINGER PRINTS, SOAP RESIDUE, ETC. SHALL BE VISIBLE.

8. UPDATE ELECTRICAL PANELBOARDS WITH TYPE WRITTEN DIRECTORIES THAT INDICATE ROOM AND AREAS SERVED BY BREAKERS. PROVIDE NEW ROOM NAMES AND NUMBERS IN DIRECTORY.

9. ALL WORK REQUIRED OUTSIDE OF THE LIMITS OF WORK AREA (I.E. HOMERUNS TO PANELS IN ELECTRICAL ROOMS OR DATA HOMERUNS TO I.T. ROOMS) SHALL BE ROUTED AS APPROVED BY THE ARCHITECT PRIOR TO ROUGH-IN. ANY DAMAGES OCCURRED TO THE CEILINGS, SURFACES OR FINISHES SHALL BE REPAIRED OR REPLACED TO ORIGINAL CONDITION.

10. THE LOW VOLTAGE LIGHTING CONTROL WIRING SHALL BE COLOR, TYPE AND SIZE RECOMMENDED BY THE LIGHTING/ DIMMING MANUFACTURER AND SHALL BE INSTALLED IN CONDUIT SEPARATE FROM THE POWER CONDUCTORS OR MAY RUN EXPOSED WHERE NO CEILINGS OR ABOVE THE ACCESSIBLE CEILINGS IN A NEAT AND ORDERLY MANNER ATTACHED TO THE LIGHTING CIRCUIT CONDUITS WITHIN 12" FROM LUMINAIRE AND BOX AND AT LEAST 24" MAXIMUM INTERVALS THROUGHOUT RUN. ALL CONTROL WIRING SHALL BE RUN IN CONDUIT IN WALLS AND ABOVE NON-ACCESSIBLE CEILINGS.

11. CONNECT NEW CEILING MOUNTED FIRE ALARM SIGNALS TO EXISTING FIRE ALARM SYSTEM. CONTACT JOHNSON CONTROLS (SIMPLEX) SERVICE TECHNICIAN TO PERFORM WORK SHOWN. NO T-TAPPING OF WIRING IS ALLOWED. BOXES, CONDUITS AND CONNECTORS SHALL BE RED (IF EXISTING ITEMS ARE RED). UPDATE THE CENTRAL STATION FLOOR PLANS, SYMBOLS, ETC. TO REFLECT CHANGES REQUIRED BY THIS PROJECT.

12. REFER TO ARCHITECTURAL SHEETS FOR PHASING.

13. WHERE DATA OUTLETS ARE REMOVED, REMOVE CABLES FIRST AND COIL ABOVE THE CEILING. NOTIFY THE TENANT I.T. DEPARTMENT OF JACK NUMBERS THAT HAD CABLES COILED.

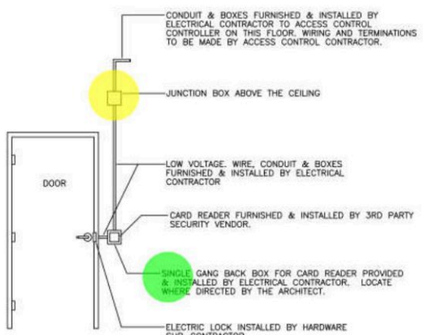
14. NO MULTI-WIRE BRANCH CIRCUITS SHALL BE RUN ON THIS PROJECT. PROVIDE A NEUTRAL CONDUCTOR FOR EACH PHASE CONDUCTOR. THE NEUTRAL CONDUCTOR SHALL HAVE A CONTINUOUS STRIPE OF SAME COLOR AS THE PHASE CONDUCTOR IN BRANCH CIRCUIT. GROUP BRANCH CIRCUIT CONDUCTORS WHEN SAME COLOR IS USED IN COMMON CONDUIT.

15. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS AND PROVIDE THERMOSTAT BACK BOXES WHERE SHOWN. FROM EACH THERMOSTAT BOX RUN A 1/2" CONDUIT UP WALL AND STUB OUT AT AN ACCESSIBLE SPACE ABOVE THE CEILING. COORDINATE WORK AND BOX SIZES WITH MECHANICAL CONTRACTOR.

LIGHTING FIXTURE SCHEDULE

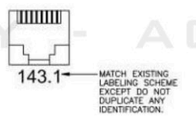
SYMBOL	DESCRIPTION	MANUFACTURER & CATALOG NUMBER	LAMPS	MOUNTING	REMARKS
L1	2'x2' LED VOLUMETRIC STYLE TROFFER WITH TWO LIGHT CHANNELS, WHITE FINISH, RIBBED PATTERN ON LENS AND REFLECTOR GRID CEILING TRIM, 3000 LUMEN OUTPUT, 3500'K COLOR TEMPERATURE, CENTER AIR RETURN SLOTS, 0-10 V DIMMING TO 1% AND MULTI-VOLT DRIVER.	LITHONIA 2RTL2 33L CAS EZ1 LP835	37W LED	RECESSED IN CEILING	FIXTURE SHALL MATCH THE EXISTING
L2	2'x2' LED VOLUMETRIC STYLE TROFFER WITH TWO LIGHT CHANNELS, WHITE FINISH, RIBBED PATTERN ON LENS AND REFLECTOR GRID CEILING TRIM, 4000 LUMEN OUTPUT, 3500'K COLOR TEMPERATURE, CENTER AIR RETURN SLOTS, 0-10 V DIMMING TO 1% AND MULTI-VOLT DRIVER.	LITHONIA 2RTL2 40L CAS EZ1 LP835	41W LED	RECESSED IN CEILING	FIXTURE SHALL MATCH THE EXISTING
L3	2'x4' LED VOLUMETRIC STYLE TROFFER WITH TWO LIGHT CHANNELS, WHITE FINISH, RIBBED PATTERN ON LENS AND REFLECTOR GRID CEILING TRIM, 3000 LUMEN OUTPUT, 3500'K COLOR TEMPERATURE, CENTER AIR RETURN SLOTS, 0-10 V DIMMING TO 1% AND MULTI-VOLT DRIVER.	LITHONIA RTL2 30L CAS EZ1 LP835	29W LED	RECESSED IN CEILING	FIXTURE SHALL MATCH THE EXISTING
L4	2'x4' LED VOLUMETRIC STYLE TROFFER WITH TWO LIGHT CHANNELS, WHITE FINISH, RIBBED PATTERN ON LENS AND REFLECTOR GRID CEILING TRIM, 4000 LUMEN OUTPUT, 3500'K COLOR TEMPERATURE, CENTER AIR RETURN SLOTS, 0-10 V DIMMING TO 1% AND MULTI-VOLT DRIVER.	LITHONIA RTL2 40L CAS EZ1 LP835	39W LED	RECESSED IN CEILING	FIXTURE SHALL MATCH THE EXISTING
L5	2'x4' LED VOLUMETRIC STYLE TROFFER WITH TWO LIGHT CHANNELS, WHITE FINISH, RIBBED PATTERN ON LENS AND REFLECTOR GRID CEILING TRIM, 4800O LUMEN OUTPUT, 3500'K COLOR TEMPERATURE, CENTER AIR RETURN SLOTS, 0-10 V DIMMING TO 1% AND MULTI-VOLT DRIVER.	LITHONIA RTL2 48L CAS EZ1 LP835	47W LED	RECESSED IN CEILING	FIXTURE SHALL MATCH THE EXISTING
L6	2'x4' LED VOLUMETRIC STYLE TROFFER WITH TWO LIGHT CHANNELS, WHITE FINISH, RIBBED PATTERN ON LENS AND REFLECTOR GRID CEILING TRIM, 6000O LUMEN OUTPUT, 3500'K COLOR TEMPERATURE, CENTER AIR RETURN SLOTS, 0-10 V DIMMING TO 1% AND MULTI-VOLT DRIVER.	LITHONIA RTL2 60L CAS EZ1 LP835	55W LED	RECESSED IN CEILING	FIXTURE SHALL MATCH THE EXISTING
P1	1.5" WIDE x 4" HIGH x 8' LONG LED PENDANT WITH 750 LUMENS PER FOOT DOWN LIGHT ONLY, BLACK FINISH, FLUSH LENS, 3500'K COLOR TEMPERATURE, 0-10 V DIMMING TO 1% AND MULTI-VOLT DRIVER.	3G LIGHTING 3G-1PLI-D-D750-S80-35K-UNV-DIM-FL-BK-120"-BNC-BC-S8'	56W LED	SUSPENDED	SUSPEND BOTTOM OF FIXTURE FLUSH WITH BOTTOM OF WOOD SLATTED CEILING. COORDINATE WITH CEILING INSTALLER
UC	22" UNDER-CABINET LINE VOLTAGE LED LIGHTING SYSTEM, FROSTED ACRYLIC DIFFUSER AND LINKING CORDS.	KELVIX UC22-35K-120/277-WH WITH HARDWIRE BOX AND LINKING CORDS AS REQUIRED	12W LED	UNDER CABINET AND SPACED AS DIRECTED BY ARCHITECT.	ALL WIRING AND COMPONENTS SHALL BE HIDDEN FROM SIGHT.
A	6" OPEN LED DOWNLIGHT WITH ALUMINUM ALZAK REFLECTOR, 3000 LUMEN OUTPUT, WHITE TRIM RING AND INTERNAL 120/277 VOLT, 1% 0-10V DIMMABLE DRIVER.	GOTHAM IVD6 D 30LM 35K 80CRI 45D MIN1 MVOLT ZT NCH P AR LSS FWR	25W LED	RECESSED IN CEILING	
B	6" OPEN LED WALL WASHER WITH ALUMINUM ALZAK REFLECTOR, 3000 LUMEN OUTPUT, WHITE TRIM RING AND INTERNAL 120/277 VOLT, 1% 0-10V DIMMABLE DRIVER.	GOTHAM IVD6 ADJ 30LM 35K 80CRI 40D MIN1 MVOLT ZT NCH AC AR LSS FWR	25W LED	RECESSED IN CEILING	
C	4" OPEN LED DOWNLIGHT WITH ALUMINUM ALZAK REFLECTOR, 1500 LUMEN OUTPUT, WHITE TRIM RING AND INTERNAL 120/277 VOLT, 10% 0-10V DIMMABLE DRIVER.	GOTHAM IVD4 D 15LM 35K 80CRI 45D MIN10 MVOLT ZT NCH P AR LSS FWR	15W LED	RECESSED IN CEILING	
E	SINGLE FACE LED EXIT LIGHT WITH GREEN LETTERS ON MIRROR, EDGE-LIT STYLE, BRUSHED ALUMINUM TRIM, 120/277 VOLT OPERATION AND ARROWS AS SHOWN.	LITHONIA LRP 1 GMR (ARROWS AS REQ'D.) 120/277	2W LED	MOUNT TO FLUSH BOX ON CEILING	VERIFY LETTER COLOR MATCHES THE EXISTING IN BUILDING PRIOR TO ORDERING.
E	DOUBLE FACE LED EXIT LIGHT WITH GREEN LETTERS ON MIRROR, EDGE-LIT STYLE, BRUSHED ALUMINUM TRIM, 120/277 VOLT OPERATION AND ARROWS AS SHOWN.	LITHONIA LRP 2 GMR (ARROWS AS REQ'D.) 120/277	2W LED	MOUNT TO FLUSH BOX ON CEILING	VERIFY LETTER COLOR MATCHES THE EXISTING IN BUILDING PRIOR TO ORDERING.
E	SINGLE FACE LED AREA OF RESCUE ASSISTANCE LIGHT WITH GREEN LETTERS ON BRUSHED ALUMINUM STENCIL FACE AND 120/277 VOLT OPERATION	LITHONIA LE P 1 G SW04	2W LED	MOUNT TO FLUSH BOX ON CEILING	VERIFY LETTER COLOR MATCHES THE EXISTING IN BUILDING PRIOR TO ORDERING.

SUBSTITUTION LIGHT FIXTURES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD AT LEAST 10 DAYS PRIOR TO BID FOR REVIEW. THE ISSR HAS REVIEWED MANY AND HAS ESTABLISHED A STANDARD STYLE, APPEARANCE AND QUALITY FOR THEIR BUILDINGS.

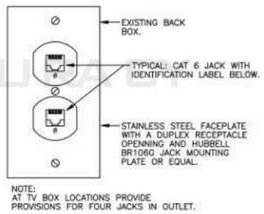


NOTE: ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BACK BOXES AND CONDUITS IN WALLS AND JUNCTION BOXES ABOVE THE CEILING FOR ACCESS CONTROL SYSTEM EQUIPMENT AND DEVICES AT DOORS INDICATED AND/OR STATED IN HARDWARE SPECIFICATIONS. CONDUITS AT EACH DOOR LOCATION SHALL TERMINATE ABOVE THE CEILING. THE WIRING AND/OR CABLES REQUIRED FOR THE ACCESS CONTROL SYSTEM SHALL BE FURNISHED, INSTALLED AND TERMINATED BY THE ACCESS CONTROL VENDOR.

DOOR ACCESS CONTROL DETAIL
NO SCALE

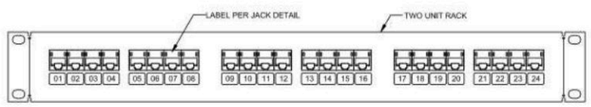


JACK DETAIL
NO SCALE



NOTE:
AT TV BOX LOCATIONS PROVIDE PROVISIONS FOR FOUR JACKS IN OUTLET.

DATA OUTLET DETAIL
NO SCALE



24 PORT PATCH PANEL DETAIL
NO SCALE

DATA SYSTEM NOTES:

1. IN BASE BID, EACH BIDDER SHALL INCLUDE ON THEIR PROPOSAL THE COST INCLUDING MATERIAL, LABOR, TAXES, OVERHEAD, PROFIT, ETC. TO PROVIDE THE DATA CABLING AND ASSOCIATED JACKS, PLATES, PATCH PANELS, TERMINATIONS, TESTING, ETC. FROM EACH NEW OUTLET. ALL NEW CABLES ON SECOND FLOOR SHALL BE RUN TO THE PATCH PANEL IN DATA RACK IN FIBER 206 AND ALL NEW CABLES ON EIGHTH, NINTH AND TENTH FLOORS SHALL BE RUN TO THE EXISTING PATCH PANEL IN DATA RACK IN SERVER 901 (ROUTE ALONG SAME PATHS AS EXISTING CABLES).

2. ALL DATA CABLES SHALL BE SUPPORTED BY PRODUCTS DESIGNED AND APPROVED FOR DATA CABLES AT INTERVALS NOT EXCEEDING 4'-0" ON CENTER. CAT 6 DATA CABLES SHALL BE PLENUM RATED AND TERMINATED AT BOTH ENDS AND TESTED. TERMINATIONS SHALL BE ON FEMALE JACKS AT OUTLETS AND THE OTHER END ON THE PATCH PANEL.

3. ALL NEW DATA JACKS, CABLES, PATCH PANELS, ETC. SHALL BE CAT 6.

4. FROM EACH NEW DATA OUTLET AND WIRELESS ACCESS POINT OUTLET RUN TWO CAT 6 PLENUM RATED DATA CABLES TO PATCH PANEL STATED ABOVE. AT TV BOX LOCATIONS PROVIDE THREE JACKS IN OUTLET WITH THREE CAT 6 PLENUM RATED DATA CABLES RUN TO PATCH PANEL STATED ABOVE. ANCHOR AND TERMINATE CABLES PER SPECIFICATIONS. ROUTE CABLES AS APPROVED BY THE ARCHITECT.

LEGEND

- LIGHTING TROFFER, REFER TO LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION.
- LIGHTING TROFFER CONNECTED TO CONSTANT ON EMERGENCY POWER CIRCUIT
- DOWNLIGHT
- EXIT LIGHT, REFER TO LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION.
- $ WALL SWITCH, SINGLE POE
- $SW OCCUPANCY SENSOR/WALL SWITCH, DUAL TECHNOLOGY, SINGLE POLE
- $SD OCCUPANCY SENSOR/WALL DIMMER, DUAL TECHNOLOGY
- DIGITAL LIGHTING CONTROLS, ONE ZONE NON-DIMMING WALL STATION CONTROLLER
- RCI DIGITAL LIGHTING CONTROLS, ONE ZONE ROOM CONTROL UNIT ABOVE THE CEILING
- DIGITAL LIGHTING CONTROLS, ONE ZONE DIMMING WALL STATION CONTROLLER
- DIGITAL LIGHTING CONTROLS, PROVIDE 2 ONE ZONE DIMMING WALL STATION CONTROLLERS
- DRC DIGITAL LIGHTING CONTROLS, ONE ZONE DIMMING ROOM CONTROL UNIT ABOVE THE CEILING
- 2DRC DIGITAL LIGHTING CONTROLS, TWO ZONE DIMMING ROOM CONTROL UNIT ABOVE THE CEILING
- DIGITAL LIGHTING CONTROLS, DUAL TECHNOLOGY OCCUPANCY SENSOR MOUNTED ON CEILING
- DIGITAL LIGHTING CONTROLS, WIRING AS RECOMMENDED BY CONTROLS MANUFACTURER IN CONDUIT UNLESS ANCHORED PER GENERAL NOTE 10.
- DUPLEX RECEPTACLE, 18" AFF
- DOUBLE DUPLEX RECEPTACLE, 18" AFF
- DUPLEX RECEPTACLE, 9" ABOVE COUNTER OR EQUIVALENT HEIGHT
- DUPLEX RECEPTACLE FOR TV, SEE DETAIL 1/A8.1.
- P PUMP BELOW SINK RECEPTACLE OR CONNECTION
- FLOOR OUTLET
- JUNCTION BOX ABOVE ACCESSIBLE CEILING
- DATA WALL OUTLET, 18" AFF UNLESS NOTED OTHERWISE
- DATA WIRELESS ACCESS OUTLET ON CEILING
- FIRE ALARM SYSTEM, PULL STATION
- FIRE ALARM SYSTEM, SPEAKER ON CEILING
- FIRE ALARM SYSTEM, FLASHING LIGHT ON CEILING.
- C FIRE ALARM SYSTEM, CONTROL MODULE
- NEW BRANCH CIRCUIT WIRING, RUN CONCEALED ABOVE THE CEILING AND AND/IN WALL.
- NEW BRANCH CIRCUIT WIRING OR AUXILIARY SYSTEM CONDUIT, RUN CONCEALED ABOVE CEILING OF FLOOR BELOW.
- NEW BRANCH CIRCUIT WIRING AND 0-10 VOLT CONTROL WIRING, RUN CONCEALED ABOVE THE CEILING AND AND/IN WALL.
- INDICATES NEUTRAL CONDUCTOR IN BRANCH CIRCUIT WIRING.
- INDICATES PHASE CONDUCTOR IN BRANCH CIRCUIT WIRING.
- GFI ADJACENT TO SYMBOL INDICATES ITEM TO BE GFCI TYPE

Sheet Number

E1

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Single Gang Bac... 1.0 EA
Junction Box 1.0 EA

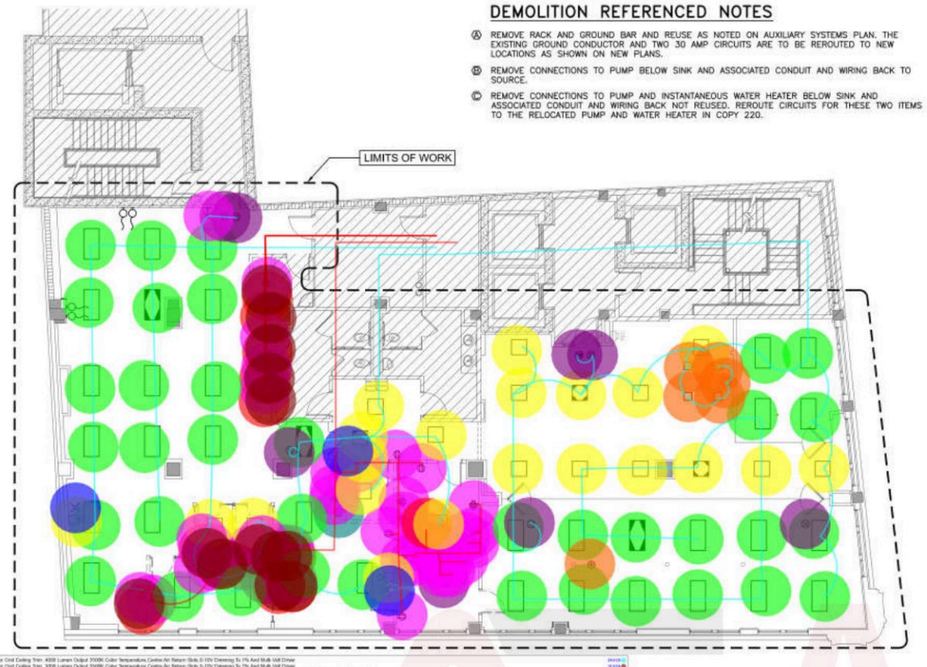
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DEMOLITION REFERENCED NOTES

Ⓐ REMOVE RACK AND GROUND BAR AND REUSE AS NOTED ON AUXILIARY SYSTEMS PLAN. THE EXISTING GROUND CONDUCTOR AND TWO 30 AMP CIRCUITS ARE TO BE REROUTED TO NEW LOCATIONS AS SHOWN ON NEW PLANS.

Ⓑ REMOVE CONNECTIONS TO PUMP BELOW SINK AND ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE.

Ⓒ REMOVE CONNECTIONS TO PUMP AND INSTANTANEOUS WATER HEATER BELOW SINK AND ASSOCIATED CONDUIT AND WIRING BACK NOT REUSED. REROUTE CIRCUITS FOR THESE TWO ITEMS TO THE RELOCATED PUMP AND WATER HEATER IN COPY 220.

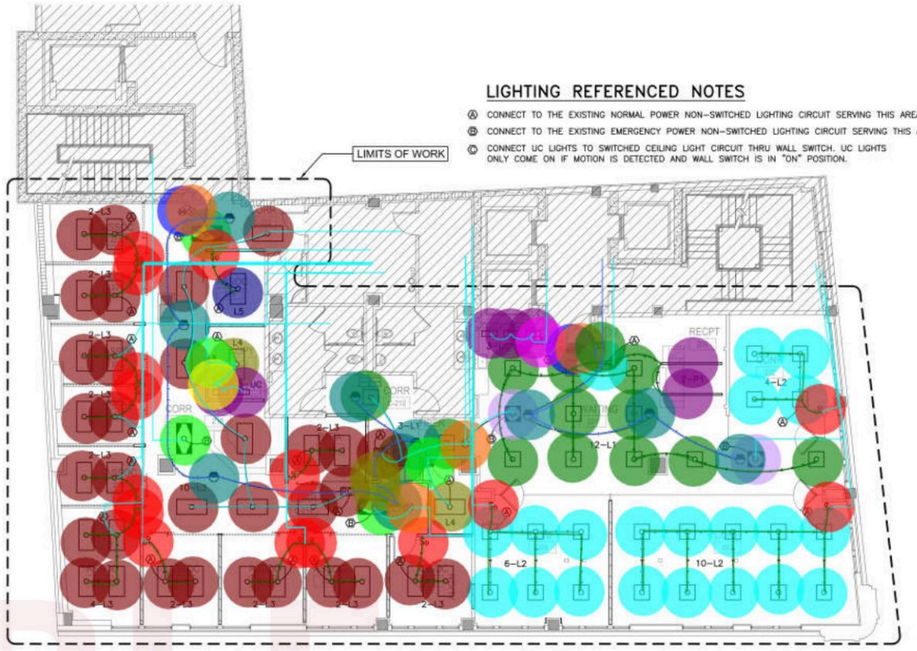


LIGHTING REFERENCED NOTES

Ⓐ CONNECT TO THE EXISTING NORMAL POWER NON-SWITCHED LIGHTING CIRCUIT SERVING THIS AREA.

Ⓑ CONNECT TO THE EXISTING EMERGENCY POWER NON-SWITCHED LIGHTING CIRCUIT SERVING THIS AREA.

Ⓒ CONNECT UC LIGHTS TO SWITCHED CEILING LIGHT CIRCUIT THRU WALL SWITCH. UC LIGHTS ONLY COME ON IF MOTION IS DETECTED AND WALL SWITCH IS IN "ON" POSITION.



LIGHTING

SECOND FLOOR PLANS

SCALE: 1/8"=1'-0"

GRAPHIC SCALE

0 2 4 8 12 16 20 24

N

AUXILIARY SYSTEMS REFERENCED NOTES

Ⓐ MOUNT DATA OUTLET IN TV BOX (SEE POWER REFERENCED NOTES FOR INSTALLATION REQUIRED) PROVIDE THREE (3) CAT 6 JACKS IN OUTLET WITH THREE (3) CAT 6 PLENUM RATED DATA CABLES HOMERUN TO RACK. PROVIDE A 1" CONDUIT FROM TV BOX TO DATA OUTLET DIRECTLY BELOW (AT 18" AFF).

Ⓑ THE UPPER PORTION OF THIS WALL IS GLASS. ROUTE CONDUIT FROM DATA OUTLET TO PORTION OF FULL HEIGHT WALL NEAR DOOR AND RISE.

Ⓒ THE UPPER PORTION OF THIS WALL IS GLASS. ROUTE CONDUIT FROM DATA OUTLET TO PORTION OF FULL HEIGHT WALL NEAR DOOR AND RISE.

Ⓓ REINSTALL EXISTING RACK AND GROUND BAR (MOUNT BAR ON WALL AT 48" AFF ADJACENT TO RACK). RECONNECT THE GROUND BAR TO EXISTING GROUND CONDUCTOR (EXTEND WITH SAME SIZE AND TYPE CONDUCTOR IF REQUIRED). PROVIDE THREE (3) 24 PORT PATCH PANELS IN RACK FOR TERMINATION OF NEW CABLES ON THIS FLOOR.

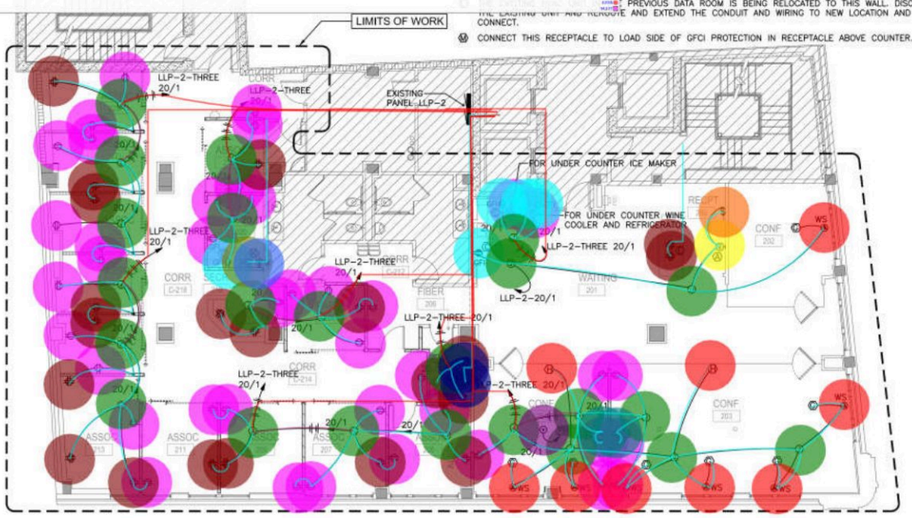
Ⓔ REUSE EXISTING DATA CABLES IF LONG ENOUGH AND CONNECT TO NEW OUTLETS. IF NOT LONG ENOUGH, THEN PROVIDE NEW TO EXISTING DATA RACK IN FIBER 206.

Ⓕ REFER TO DOOR ACCESS CONTROL DETAL FOR WORK REQUIRED AT THIS LOCATION.

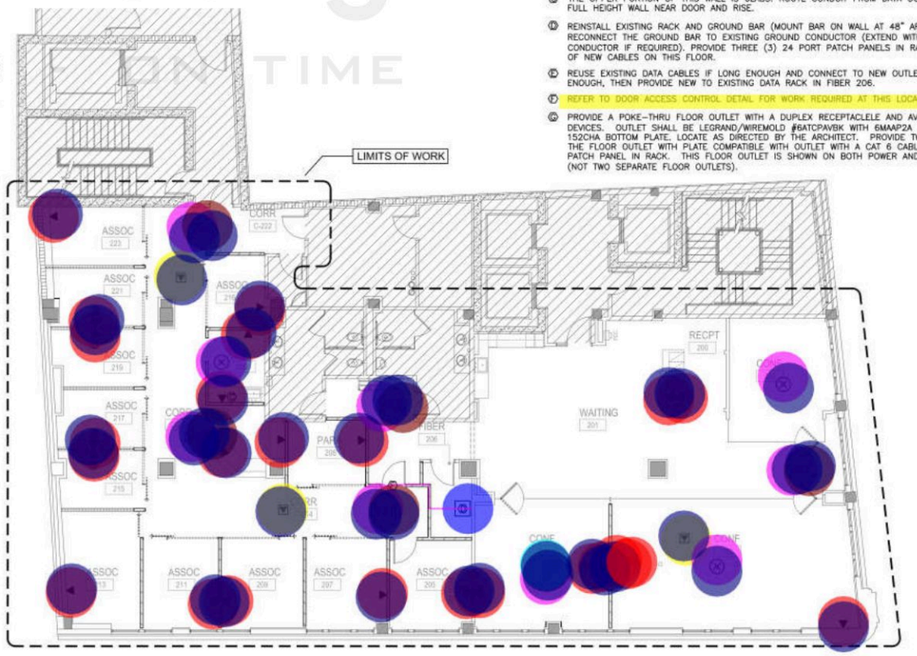
Ⓖ PROVIDE A POKE-THRU FLOOR OUTLET WITH A DUPLEX RECEPTACLELE AND AVAILABILITY FOR DATA DEVICES. OUTLET SHALL BE LEGRAND/WIREMOLD #6ATCPAVBK WITH 6MAAP2A CENTER TOP PLATE AND 152CHA BOTTOM PLATE. LOCATE AS DIRECTED BY THE ARCHITECT. PROVIDE TWO CAT 6 RJ45 JACKS IN THE FLOOR OUTLET WITH PLATE COMPATIBLE WITH OUTLET WITH A CAT 6 CABLE FROM EACH JACK TO PATCH PANEL IN RACK. THIS FLOOR OUTLET IS SHOWN ON BOTH POWER AND AUXILIARY SYSTEMS PLANS (NOT TWO SEPARATE FLOOR OUTLETS).

POWER REFERENCED NOTES

- POWER CONNECTIONS TO SIGN. ROUTE CIRCUIT THRU WALL MOUNTING LOCATION WITH SIGN INSTALLER. PROVIDE CONNECTIONS
- SSED TV BOX IN WALL AT HEIGHT DIRECTED BY THE ARCHITECT. BOX PER INSTALLATION INSTRUCTIONS.
- EE COUNTER ELEVATION ON SHEET A7.1 FOR LOCATION.
- ES AT 48" AFF AND CONNECT TO THE EXISTING CIRCUITS THAT ECEPTACLES IN THIS AREA.
- EPTACLE ABOVE AND BELOW THE COUNTER OF RECEPTION DESK. CONNECT RECEPTACLES TO THE EXISTING CIRCUIT THAT FED THE TION DESK.
- D THE EXISTING CIRCUIT THAT FED THE REMOVED FLOOR OUTLET IN
- T TO WINDOW SHADES CONTROLLER. PROVIDE FLUSH BOX AS REQUIRED ARCHITECT AND INSTALL/CONNECT THE TO THE SHADES CONTROLLER(S). WITH SHADES BY OTHERS.
- N ELECTRONIC TINTING SYSTEM UNDER ALTERNATE #5. COORDINATE POWER H THE SUPPLIER/INSTALLER AND PROVIDE ALL ELECTRICAL WORK REQUIRED LTERNATE #5 IS ACCEPTED.
- T CONNECTIONS AS REQUIRED FOR RELOCATED PUMP AND INSTANTANEOUS EXTEND THE CIRCUITS (MATCH CONDUCTORS AND CONDUIT) FROM EFER TO REFERENCE NOTE "C" ON DEMOLITION PLAN.
- PREVIOUS DATA ROOM IS BEING RELOCATED TO THIS WALL. DISCONNECT E AND EXTEND THE CONDUIT AND WIRING TO NEW LOCATION AND CONNECT.
- Ⓜ CONNECT THIS RECEPTACLE TO LOAD SIDE OF GFCI PROTECTION IN RECEPTACLE ABOVE COUNTER.



POWER



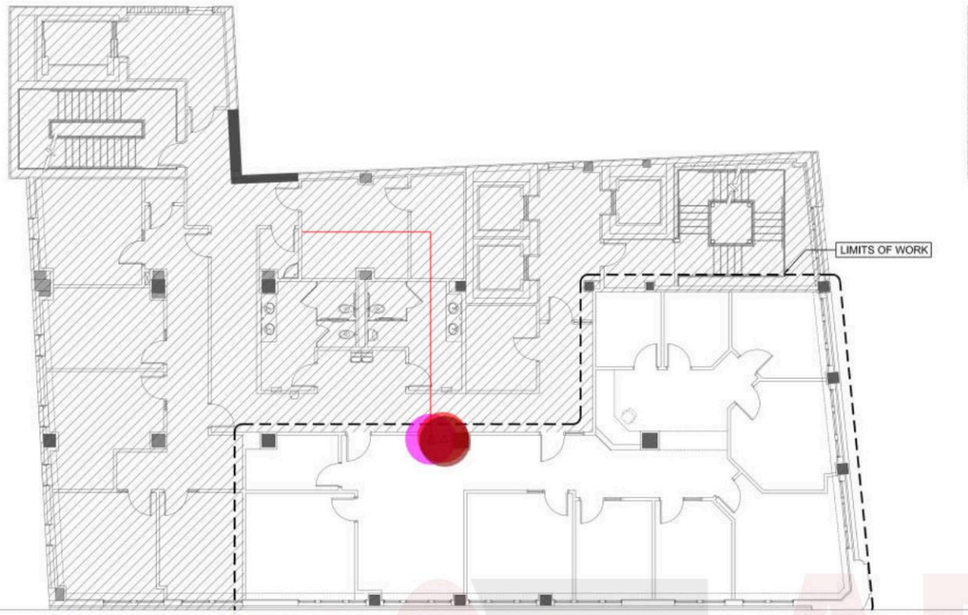
AUXILIARY SYSTEMS

Sheet Number

E2

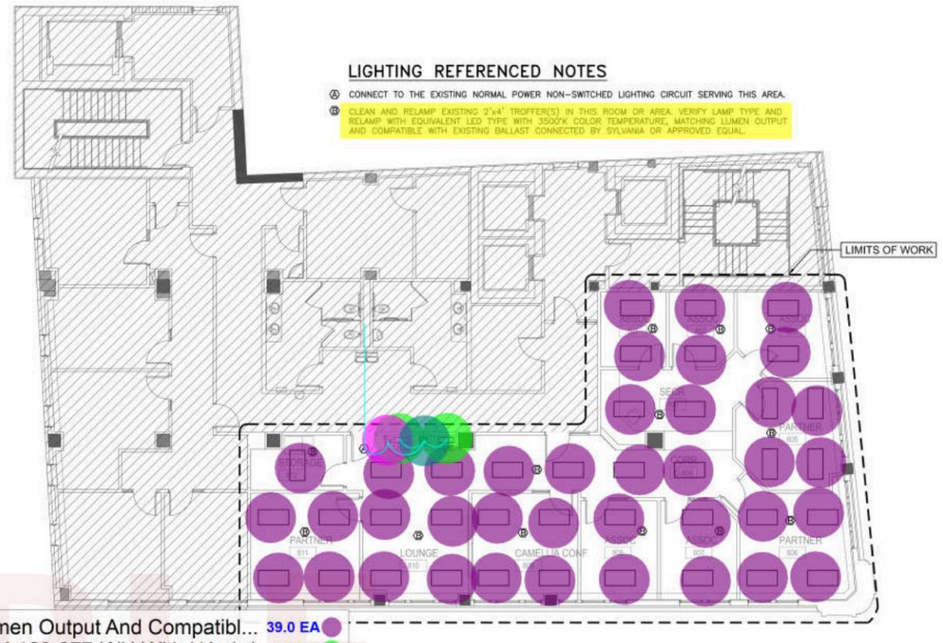
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EXISTING/DEMOLITION

- Clean And Relamp 2' x 4' Troffer (Verify Lamp Type And Relamp With Equivalent LED Type With 3500K Color Temperature,Matching Lumen Output And Compatibl... 39.0 EA
- UC : 22" Under-Cabinet Line Voltage LED Lighting System,Frosted Acrylic Diffuser And Linking Cords Mnf: KELVIXCatalog No: UC22-35K-120-277-WH With HArdwi... 2.0 EA
- SV 1.0 EA
- C 1.0 EA
- GFI Duplex Recepatcle 3.0 EA
- Pump Below Sink Recepatcle Or Connection 1.0 EA
- Duplex Recepatcle For TV 2.0 EA
- PAC525 Recessed TV Box In Wall 2.0 EA
- Junction Box Ceiling Mounted 1.0 EA
- Data Outlet in TV Box 4.0 EA
- 3/4" EMT Conduit,2#12 CU Conductor THHN,1#12 GND 35.5 FT
- 3/4" EMT Conduit,2#12 CU Conductor THHN,1#12 GND 64.7 FT
- 3/4" EMT Conduit,6#12 CU Conductor THHN,1#12 GND 46.8 FT
- 1" EMT Conduit (Height) 4.0 EA
- Removen Duplex Recepatcle 1.0 EA
- Remove Data Outlet (only Box) 1.0 EA
- Power Wiring To Remove 44.3 FT
- Remove 3/4" EMT Conduit 1.0 EA



LIGHTING

LIGHTING REFERENCED NOTES

(A) CONNECT TO THE EXISTING NORMAL POWER NON-SWITCHED LIGHTING CIRCUIT SERVING THIS AREA.

(B) CLEAN AND RELAMP EXISTING 2'x4' TROFFER(S) IN THIS ROOM OR AREA. VERIFY LAMP TYPE AND RELAMP WITH EQUIVALENT LED TYPE WITH 3500°K COLOR TEMPERATURE, MATCHING LUMEN OUTPUT AND COMPATIBLE WITH EXISTING BALLAST CONNECTED BY SYLVANIA OR APPROVED EQUAL.

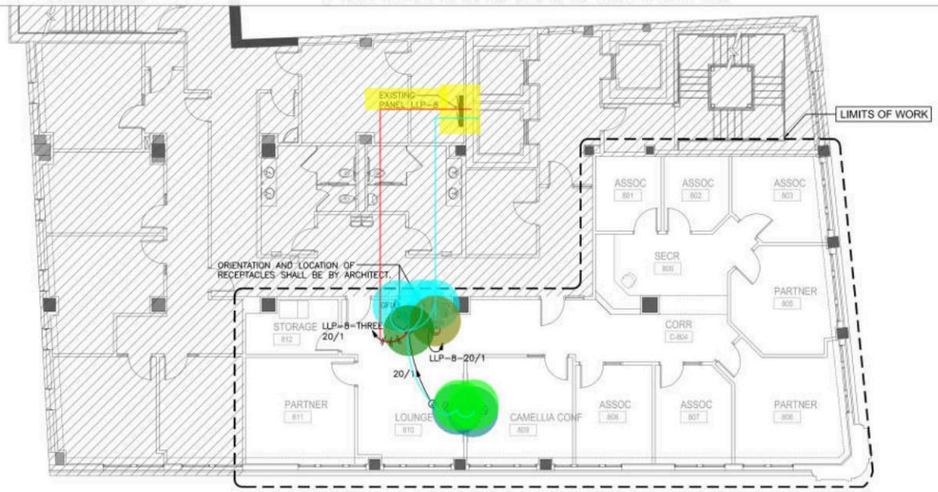
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EIGHTH FLOOR PLANS

SCALE: 1/8"=1'-0"

GRAPHIC SCALE 0 2 4 8 12 16 20 24

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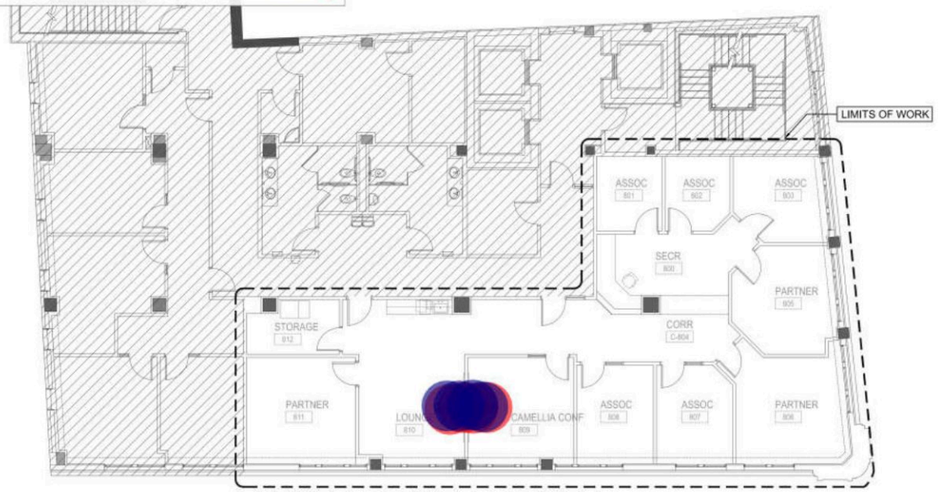


POWER

POWER REFERENCED NOTES

AUXILIARY SYSTEMS REFERENCED NOTES

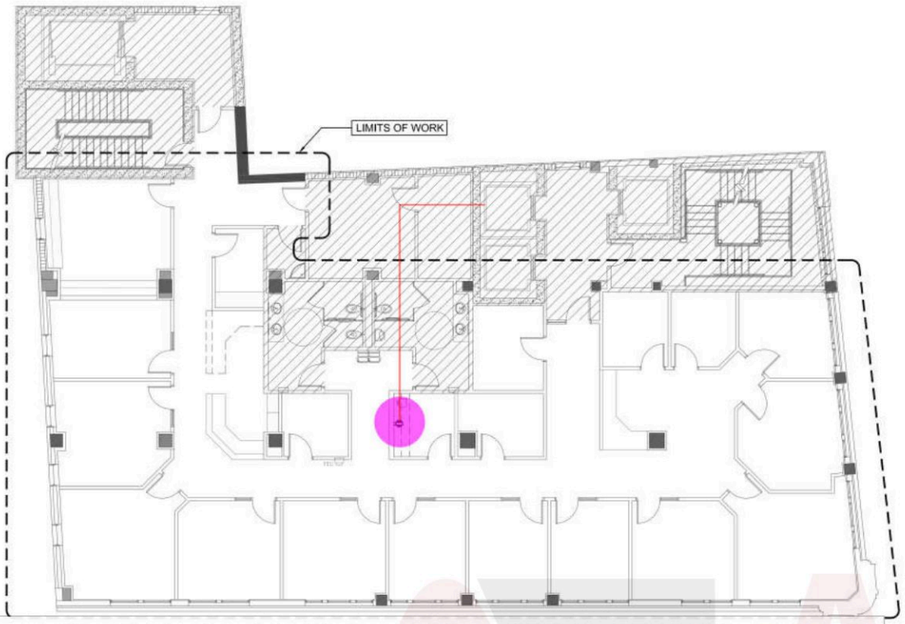
MOUNT DATA OUTLET IN TV BOX (SEE POWER REFERENCED NOTE B) PER INSTALLATION INSTRUCTIONS. PROVIDE A 1" CONDUIT FROM TV BOX TO DATA OUTLET DIRECTLY BELOW (AT 18" AFF).

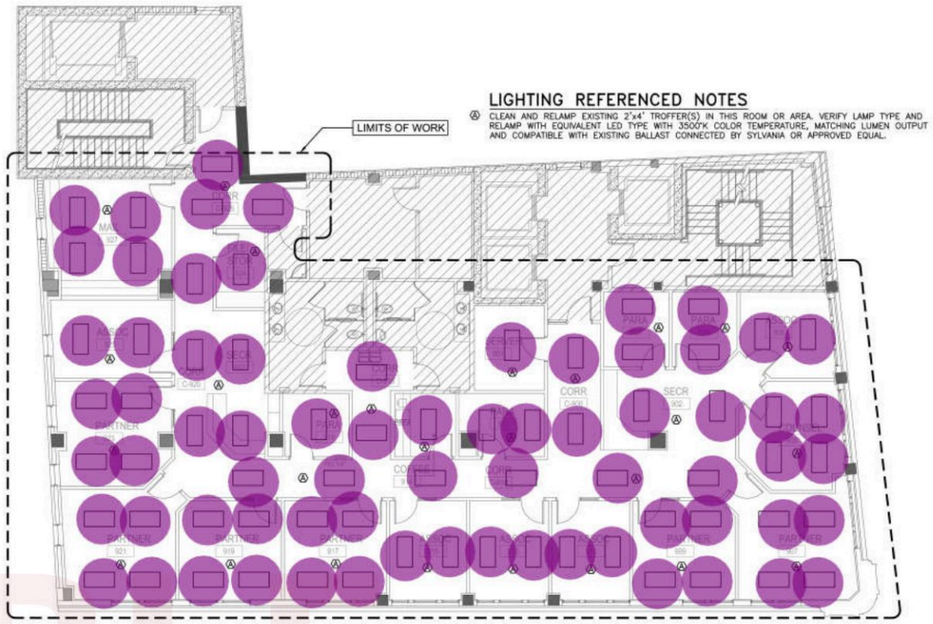


AUXILIARY SYSTEMS

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LIGHTING REFERENCED NOTES

Ⓐ CLEAN AND RELAMP EXISTING 2'x4' TROFFER(S) IN THIS ROOM OR AREA. VERIFY LAMP TYPE AND RELAMP WITH EQUIVALENT LED TYPE WITH 3500°K COLOR TEMPERATURE, MATCHING LUMEN OUTPUT AND COMPATIBLE WITH EXISTING BALLAST CONNECTED BY SYLVANIA OR APPROVED EQUAL.

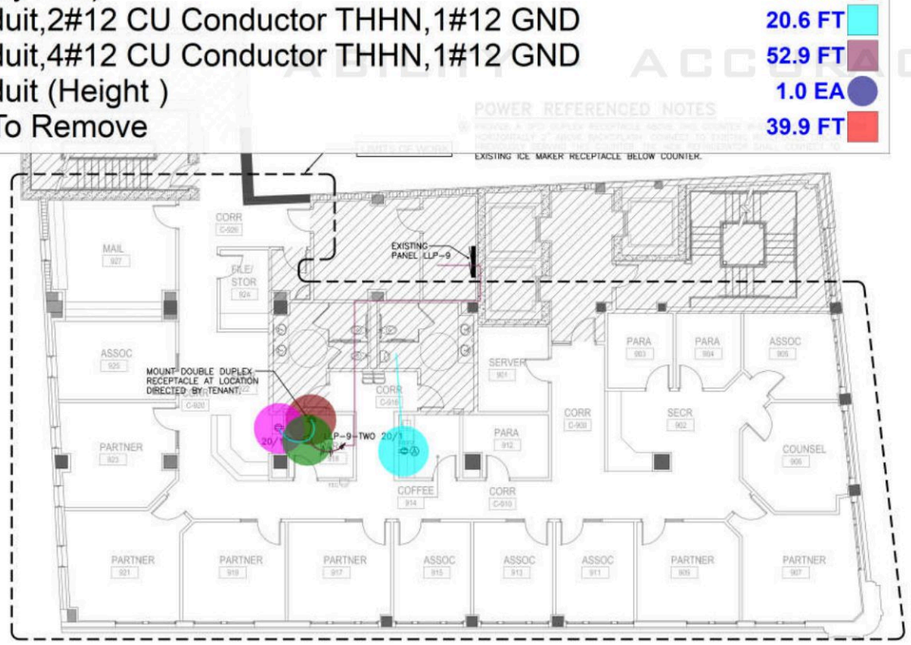
LIGHTING

Clean And Relamp 2' x 4' Troffer (Verify Lamp Type And Relamp W...	72.0 EA
Double Duplex Recepatcle	1.0 EA
Duplex Recepatcle	1.0 EA
Remove Duplex Recepatcle	1.0 EA
Junction Box Ceiling Mounted	1.0 EA
GFI Duplex Recepatcle	1.0 EA
Data Outlet (only Box)	1.0 EA
3/4" EMT Conduit,2#12 CU Conductor THHN,1#12 GND	20.6 FT
3/4" EMT Conduit,4#12 CU Conductor THHN,1#12 GND	52.9 FT
3/4" EMT Conduit (Height)	1.0 EA
Power Wiring To Remove	39.9 FT

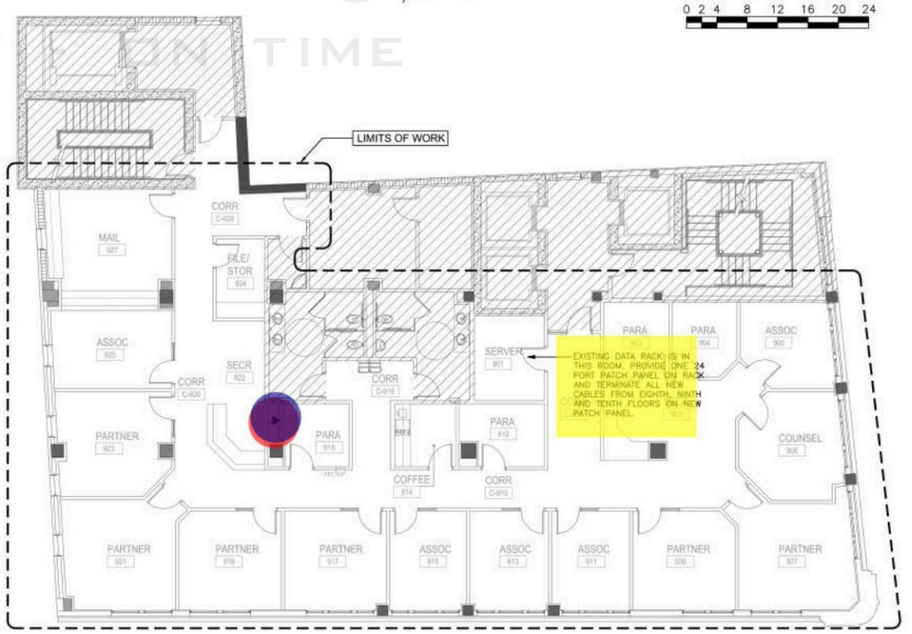
NINETH FLOOR PLANS

SCALE: 1/8"=1'-0"

GRAPHIC SCALE 0 2 4 8 12 16 20 24



POWER



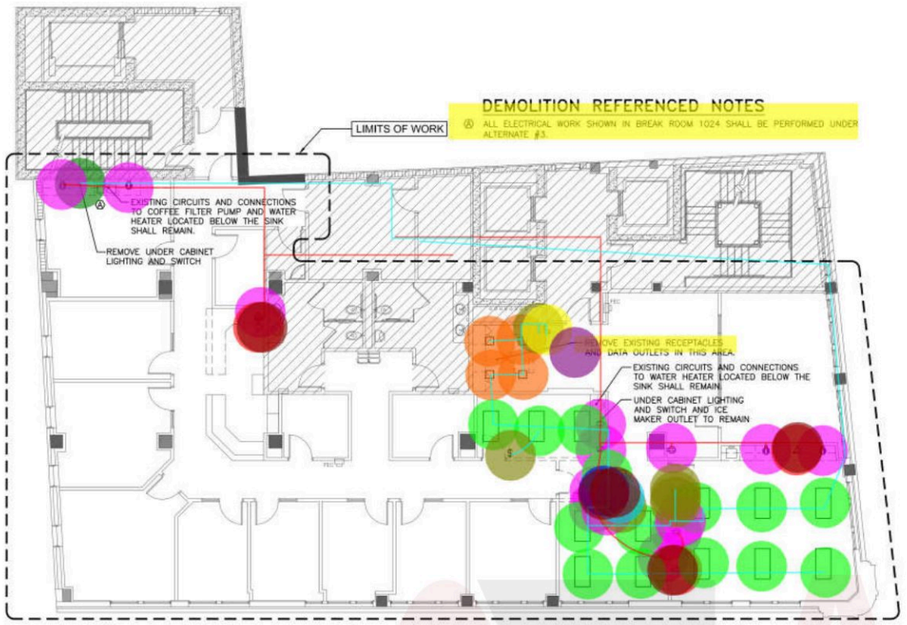
AUXILIARY SYSTEMS

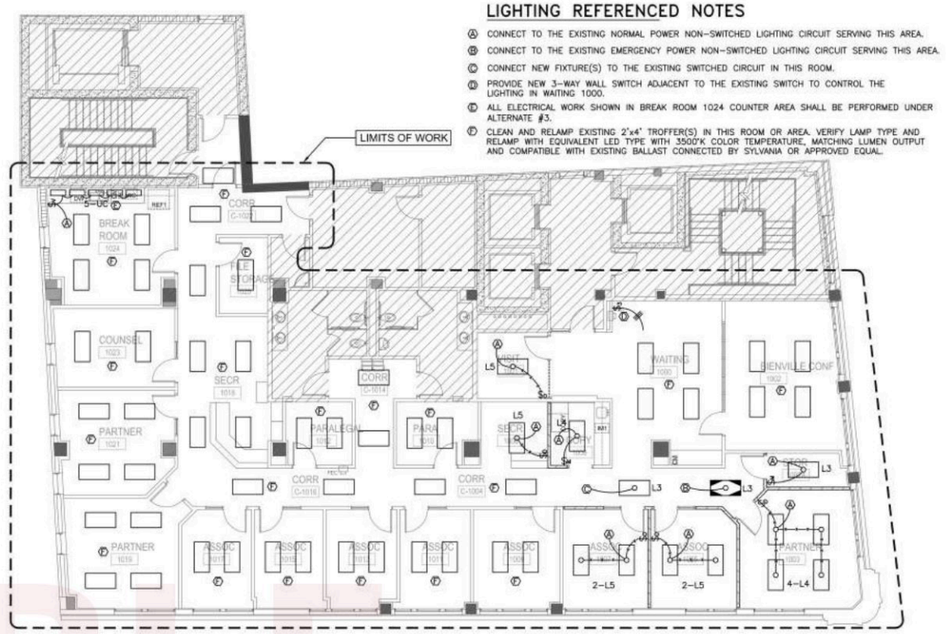
Sheet Number

E4

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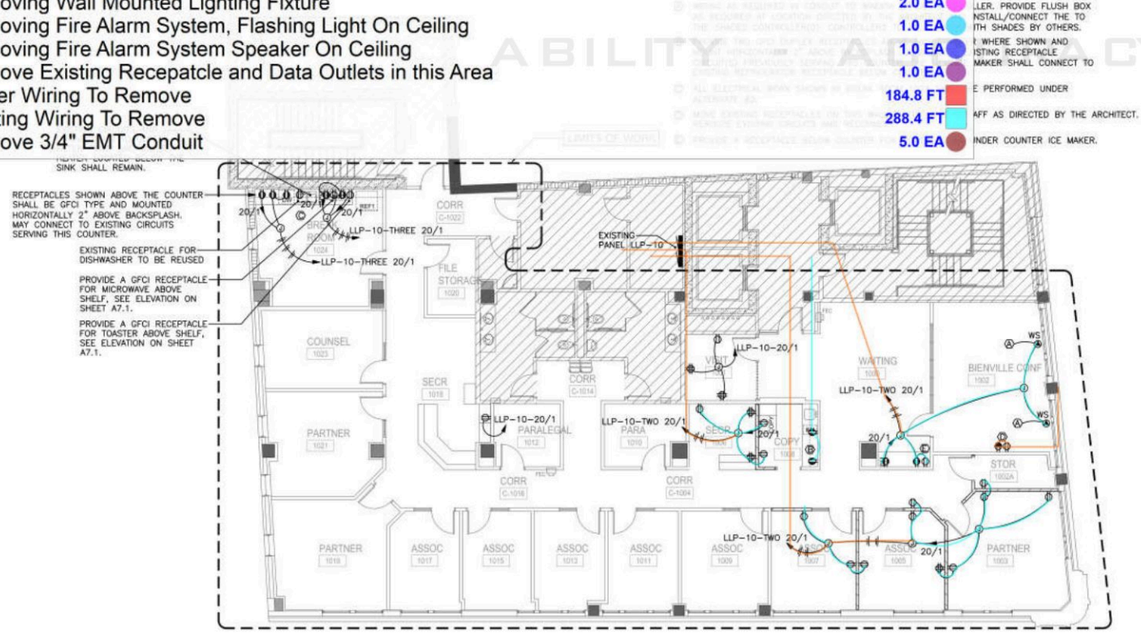




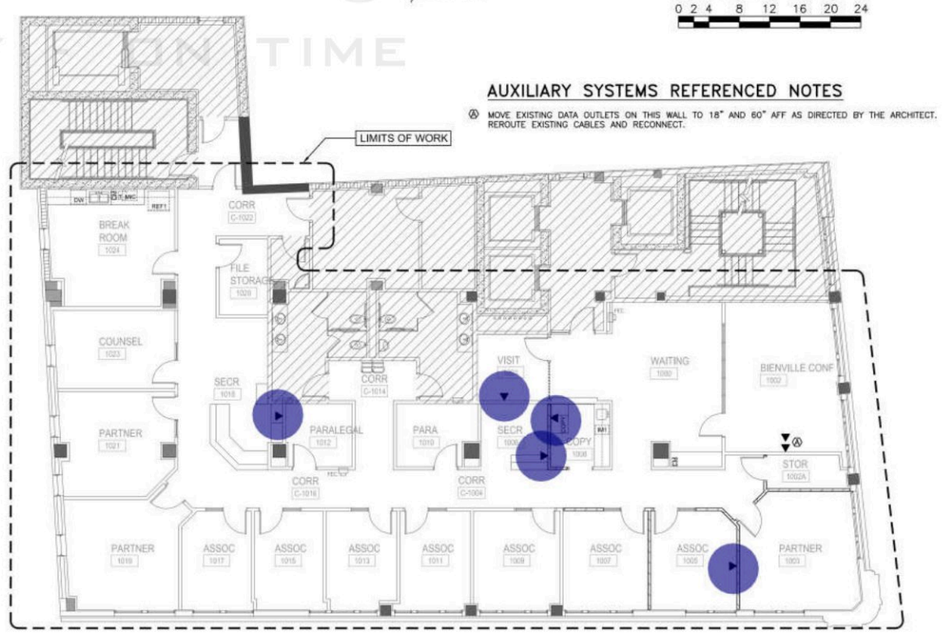
LIGHTING

3/4" EMT Conduit,2#12 CU Conductor THHN,1#12 GND	148.1 FT
3/4" EMT Conduit,4#12 CU Conductor THHN,1#12 GND	183.4 FT
3/4" EMT Conduit (Height)	5.0 EA
Remove Under Cabinet Lighting And Switch	1.0 EA
Remove Duplex Recepatcle	12.0 EA
Remove Data Outlet (only Box)	3.0 EA
Removing 2 x 4 Light Fixture	14.0 EA
Removing Down Light	4.0 EA
Removing Single Pole Switch	6.0 EA
Removing 3 Pole Switch	1.0 EA
Removing Wall Mounted Lighting Fixture	2.0 EA
Removing Fire Alarm System, Flashing Light On Ceiling	1.0 EA
Removing Fire Alarm System Speaker On Ceiling	1.0 EA
Remove Existing Recepatcle and Data Outlets in this Area	1.0 EA
Power Wiring To Remove	184.8 FT
Lighting Wiring To Remove	288.4 FT
Remove 3/4" EMT Conduit	5.0 EA

EXISTING/DEMOLITION



POWER



AUXILIARY SYSTEMS

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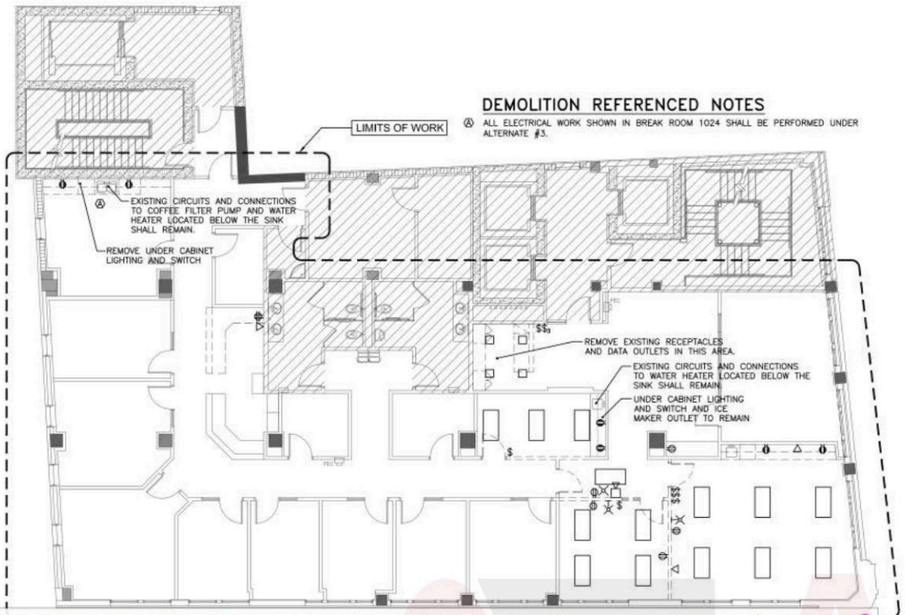
TENTH FLOOR PLANS

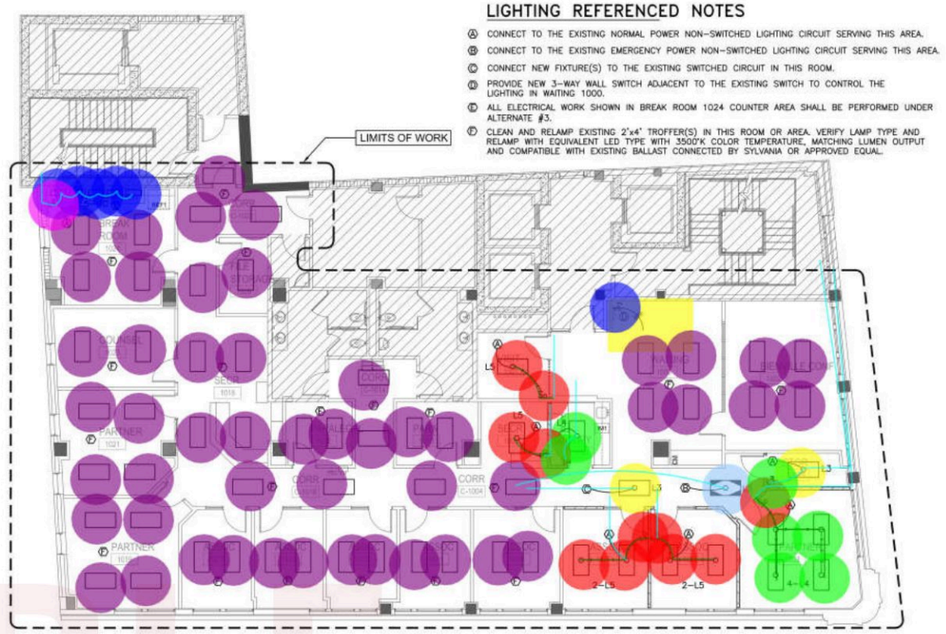
SCALE: 1/8"=1'-0"

GRAPHIC SCALE
0 2 4 8 12 16 20 24

Sheet Number
E5

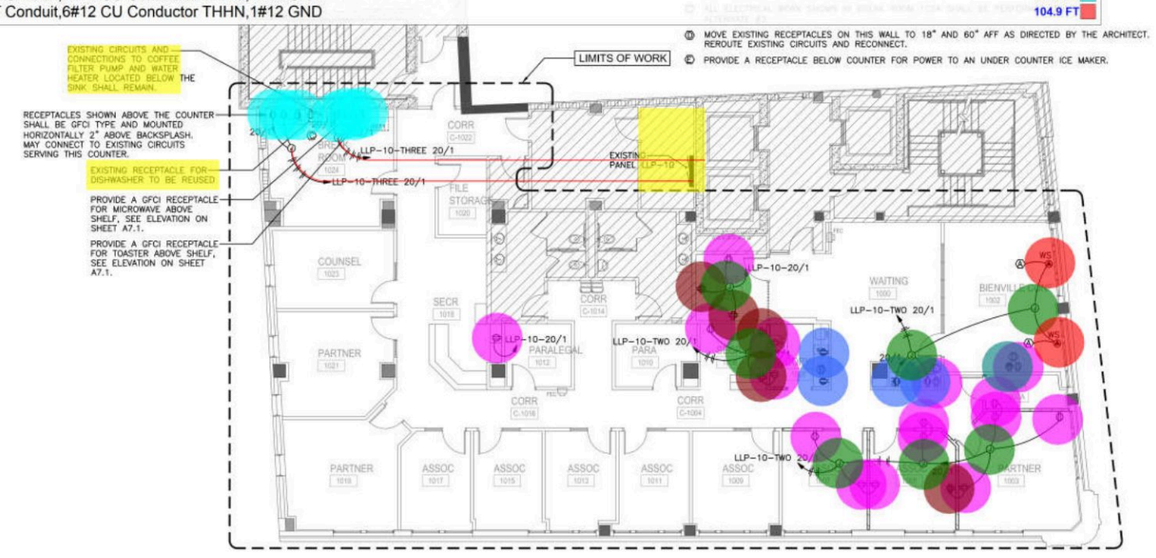
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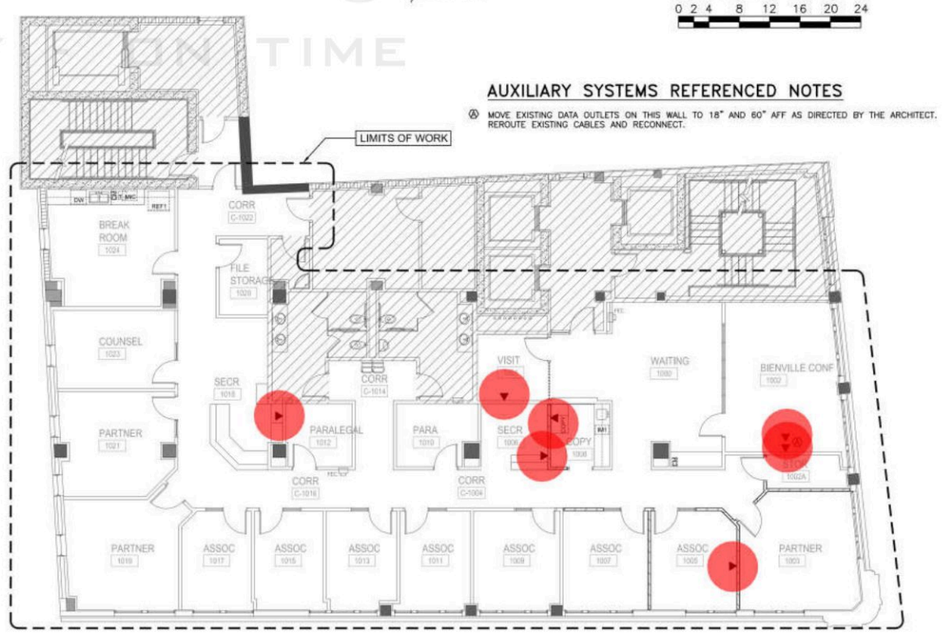


LIGHTING

- Clean And Relamp 2' x 4' Troffer (Verify Lamp Type And Relamp With Equivalent LED Type With 3500K Color Temperature,Matching Lumen Output And Comp... 51.0 EA
- L5: 2' x 4' LED Volumetric Style Troffer With Two Light Channels,White Finish, Ribbed Pattern On Lens And Reflector Grid Ceiling Trim ,48000 Lumen Output 3500 6.0 EA
- L4: 2' x 4' LED Volumetric Style Troffer With Two Light Channels,White Finish, Ribbed Pattern On Lens And Reflector Grid Ceiling Trim ,3000 Lumen Output 4000K 5.0 EA
- L3: 2' x 4' LED Volumetric Style Troffer With Two Light Channels,White Finish, Ribbed Pattern On Lens And Reflector Grid Ceiling Trim ,3000 Lumen Output 3500K 2.0 EA
- L3 EM :2' x 4' LED Volumetric Style Troffer With Two Light Channels,White Finish, Ribbed Pattern On Lens And Reflector Grid Ceiling Trim ,3000 Lumen Output 35 1.0 EA
- Occupancy Sensor Wall Dimmer Dual Technology 5.0 EA
- Occupancy Sensor/ Wall Switch, Dual Technology, Single Pole 2.0 EA
- UC : 22" Under-Cabinet Line Voltage LED Lighting System,Frosted Acrylic Diffuser And Linking Cords 5.0 EA
- SV 1.0 EA
- 3 Pole Switch Wall Mounted 1.0 EA
- Duplex Recepatcle 16.0 EA
- Duplex Recepatcle Above Counter 4.0 EA
- GFI Duplex Recepatcle 7.0 EA
- Double Duplex Recepatcle 5.0 EA
- Junction Box Ceiling Mounted 7.0 EA
- Duplex Recepatcle For TV 1.0 EA
- Flusdh Box Window Shade controller 2.0 EA
- Data Outlet (only Box) 7.0 EA
- 3/4" EMT Conduit,2#12 CU Conductor THHN,1#12 GND 58.9 FT
- 3/4" EMT Conduit,2#12 CU Conductor THHN,1#12 GND 186.5 FT
- 3/4" EMT Conduit,6#12 CU Conductor THHN,1#12 GND 104.9 FT



POWER



AUXILIARY SYSTEMS

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TENTH FLOOR PLANS

SCALE: 1/8"=1'-0"

GRAPHIC SCALE 0 2 4 8 12 16 20 24

Sheet Number
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