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JAGGED NOTES:

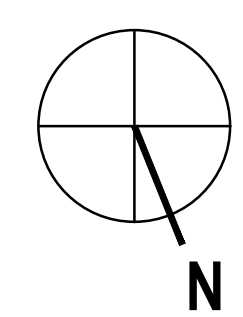
1. 3-4" TO KU TRANSFORMER TO REMAIN.
2. 2" TO TELEPHONE PEDestal TO REMAIN.
3. 2-4" TO SPRAGUE COMMUNICATION ROOM CUT CONDUIT IN THIS LOCATION FOR REROUTING AS SHOWN ON NEW WORK PLAN.
4. REMOVE ELEVATOR DISCONNECTS AND FEEDERS. ELEVATOR PUMP TO REMAIN.
5. PROVIDE TEMPORARY SUPPORT AND POWER FOR COMMUNICATIONS EQUIPMENT THAT MUST REMAIN IN SERVICE DURING CONSTRUCTION. MAINTAIN CONNECTIVITY TO THE SPINDLETOP ADMINISTRATION BUILDING AND THE SPRAGUE BUILDING AS NEEDED.
6. REMOVE ABANDONED CABLE TO SPRAGUE BUILDING. REMOVE 2-4" CONDUITS FROM SPRAGUE BUILDING IN MECHANICAL AND ELEVATOR ROOM. REFER TO SYSTEMS PLAN FOR NEW WORK.
7. EXISTING SECURITY CONTROL PANEL TO REMAIN. REMOVE AND STORE FOR REINSTALLATION.
8. ALL OPERABLE HID LIGHTS IN DOCK AREA ARE TO BE SALVAGED AND TURNED OVER TO OWNER.
9. CONTRACTOR IS TO REMOVE DEVICES, CONDUITS, AND CIRCUITS AS NECESSARY FOR TUNNEL CEILING WORK. THERE ARE APPROXIMATELY 3 JUNCTION BOXES IN THE AFFECTED AREA. DEVICES ARE TO BE REINSTALLED UPON COMPLETION OF CEILING WORK AND CIRCUITS EXTENDED AS NECESSARY TO MAINTAIN FUNCTIONALITY OF DEVICES.
10. CONTRACTOR IS TO REMOVE DEVICES, CONDUITS, AND CIRCUITS AS NECESSARY FOR REMOVAL OF TUNNEL CEILING. ITEMS ARE TO BE REINSTALLED UPON COMPLETION AND CIRCUITS EXTENDED AS REQUIRED.
11. REMOVE PORTION OF USED CONDUIT NECESSARY TO REROUTE TO FIRST FLOOR COMMUNICATIONS ROOM REFER TO NEW WORK SHEET FOR LOCATION.
12. REMOVE EMERGENCY POWER CIRCUIT WIRING FED FROM PANEL EP7A1 IN THE BASEMENT OF SPRAGUE. CONDUIT MAY REMAIN.

GENERAL NOTES:

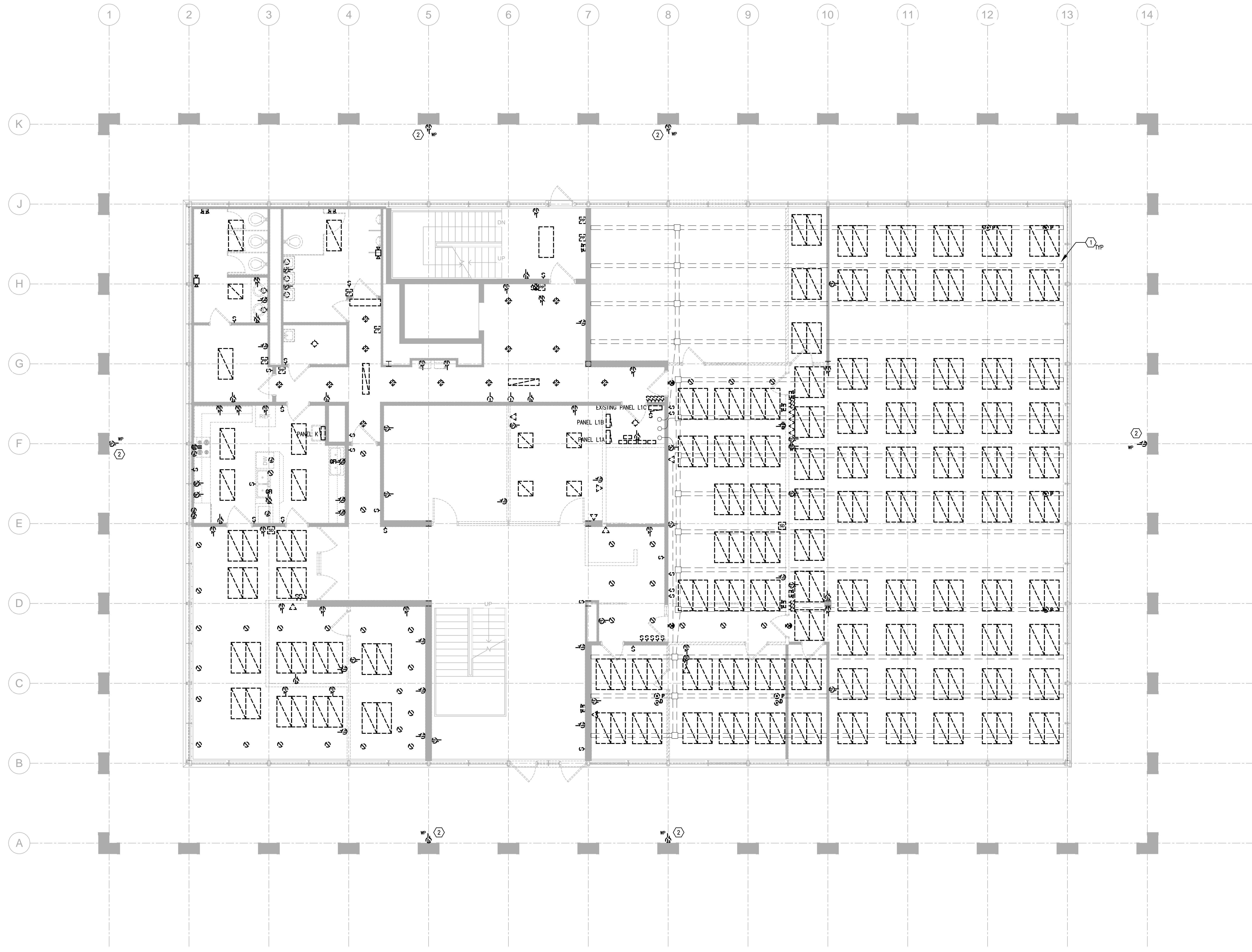
- A. UNLESS OTHERWISE NOTED, ALL ELECTRICAL, LIGHTING AND LOW VOLTAGE EQUIPMENT, WIRING, DEVICES, ETC. SHALL BE REMOVED IN THEIR ENTIRETY. REMOVE ALL UNUSED ACCESSIBLE PATHWAYS AND SUPPORTS.

1 ELECTRICAL BASEMENT DEMOLITION PLAN
3/16" = 1'-0"

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REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2780 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	DRAWING NO.
3		NOV. 2013	E-2.0
4		DRAWN BY	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES FRANKFORT, KENTUCKY
5		DB	
6		CHECKED BY	REVIEWED
7		ARK	DIV. OF ENGR.
8		A & E FILE NO	ENGR. FILE NO
9		1302.00	785-068R-BC01-00
		CSG13	
		NOV. 2013	
AGENCY AUTHORIZED AGENT		APPROVED FOR PROGRAM CONCEPT ONLY	DATE
DIVISION OF ENGINEERING		APPROVED FOR PROGRAM CONCEPT ONLY	DATE

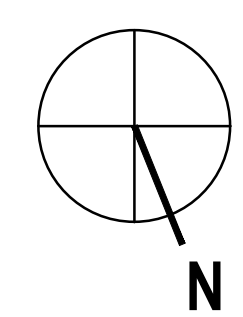


GENERAL NOTES:
 A. UNLESS OTHERWISE NOTED, ALL ELECTRICAL, LIGHTING AND LOW VOLTAGE EQUIPMENT, WIRING, DEVICES, ETC. SHALL BE REMOVED IN THEIR ENTIRETY. REMOVE ALL UNUSED ACCESSIBLE PATHWAYS AND SUPPORTS.

TAGGED NOTES:
 1. REMOVE ALL WIRING AND DEVICES FROM IN FLOOR RACEWAY.
 2. REMOVE EXISTING DEVICE AND CONDUCTORS. EXISTING BOX AND CONDUIT IS TO BE REUSED. REFER TO NEW WORK PLANS.

1 ELECTRICAL FIRST FLOOR DEMOLITION PLAN
 3/16" = 1'-0"

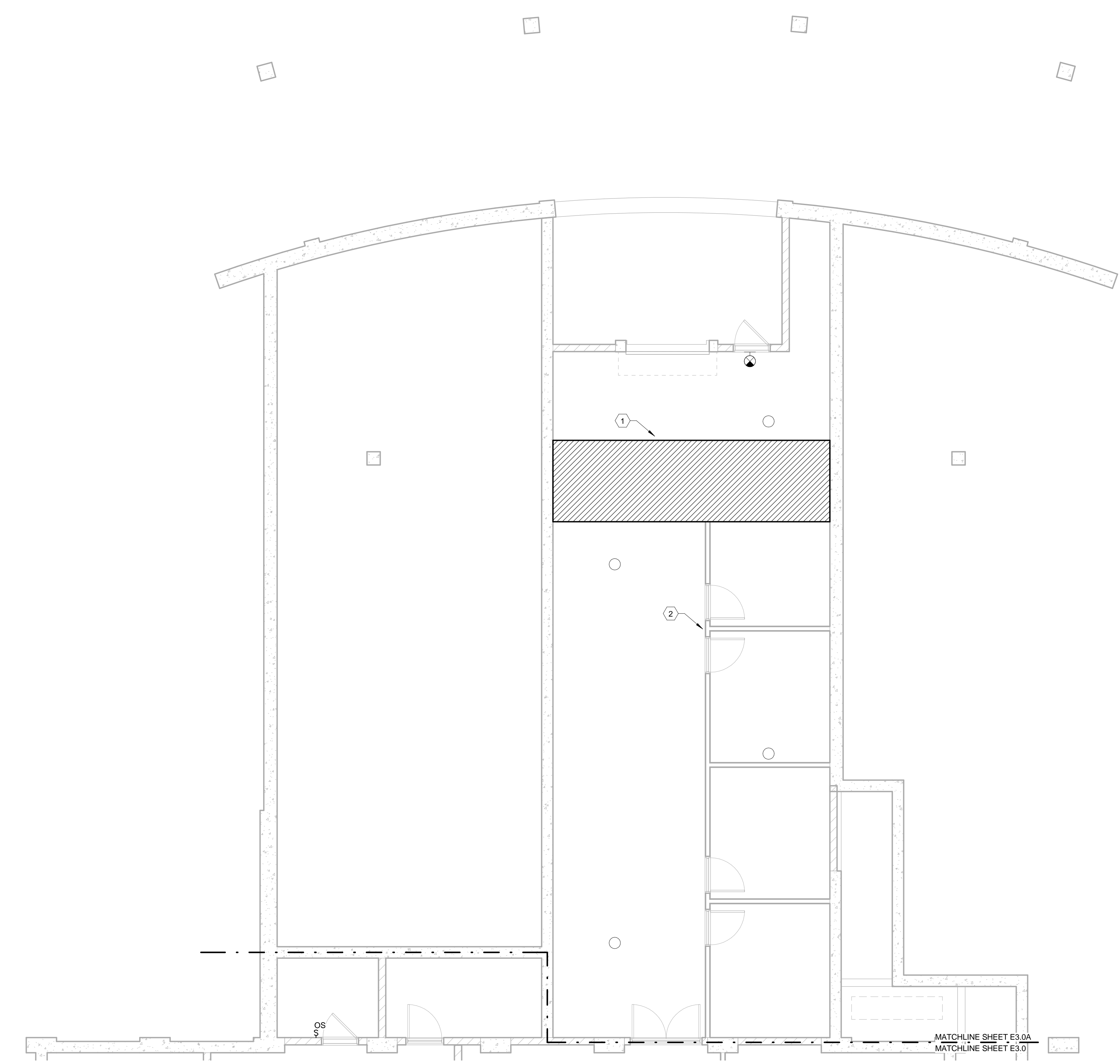
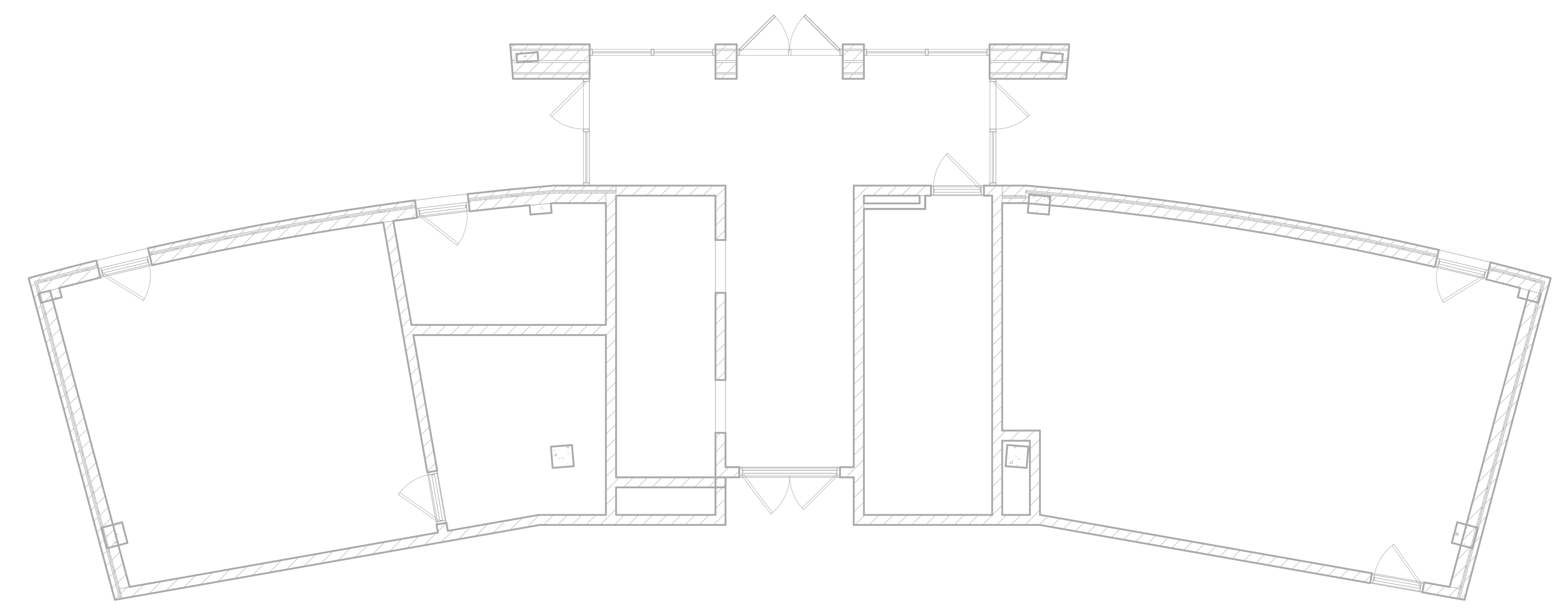
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1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	DRAWING NO.
3		NOV. 2013	E-2.1
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		CSG13	ENGR. FILE NO
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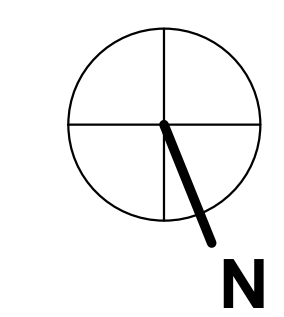
LIGHTING NEW WORK - TUNNEL TAGGED NOTES

1. CONTRACTOR SHALL REMOVE AND REINSTALL EXISTING LIGHTING, CONDUIT, BOXES, ETC REQUIRED FOR ROOF STRUCTURE DEMOLITION. REFER TO STRUCTURAL PLANS FOR EXTENT OF WORK.
2. LOCATION OF FUTURE CONSTRUCTION. ROUTE ALL NEW WORK TO CLEAR PLANNED WALLS AS SHOWN.



1 Lighting - Tunnel
3/16" = 1'-0"

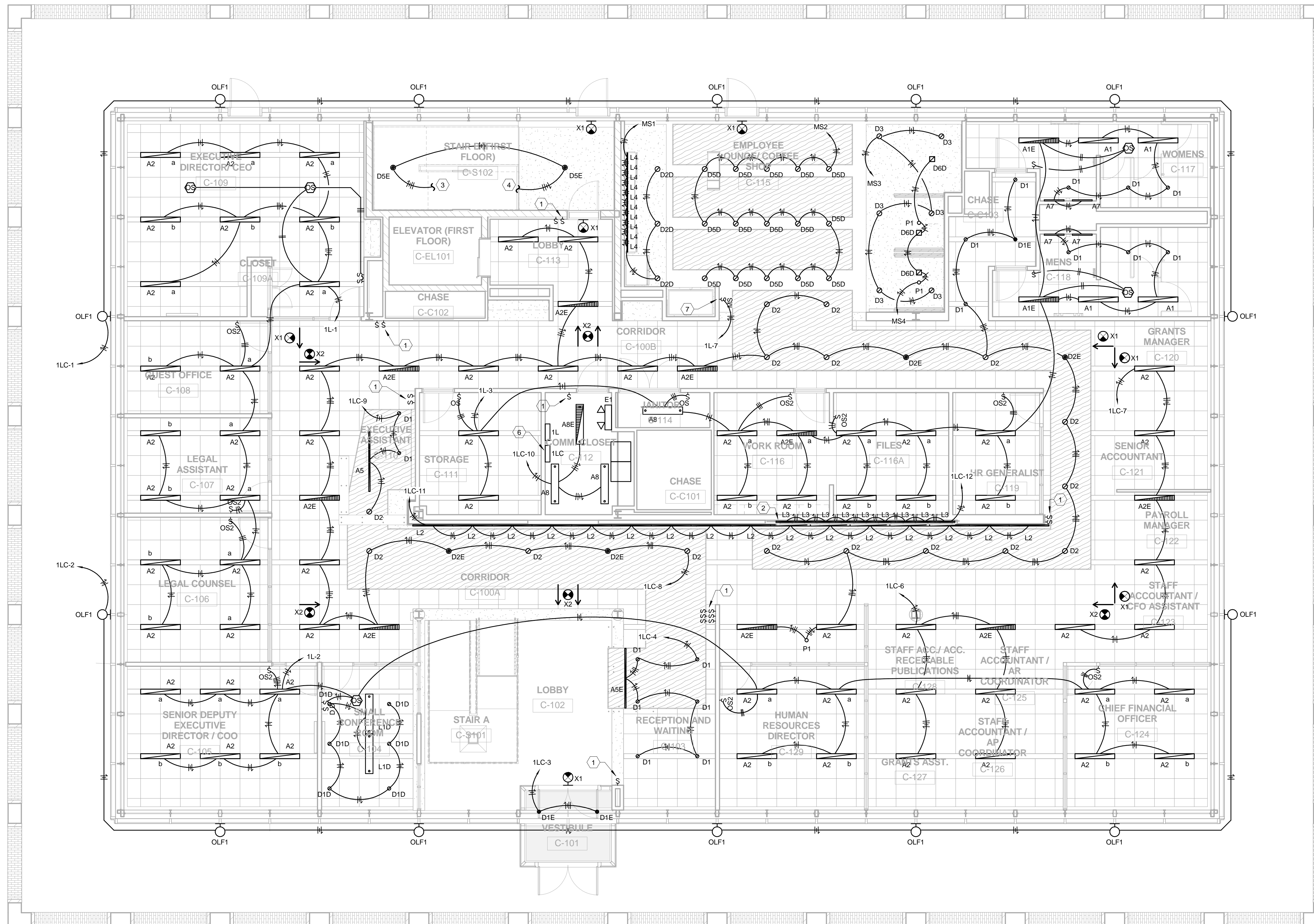
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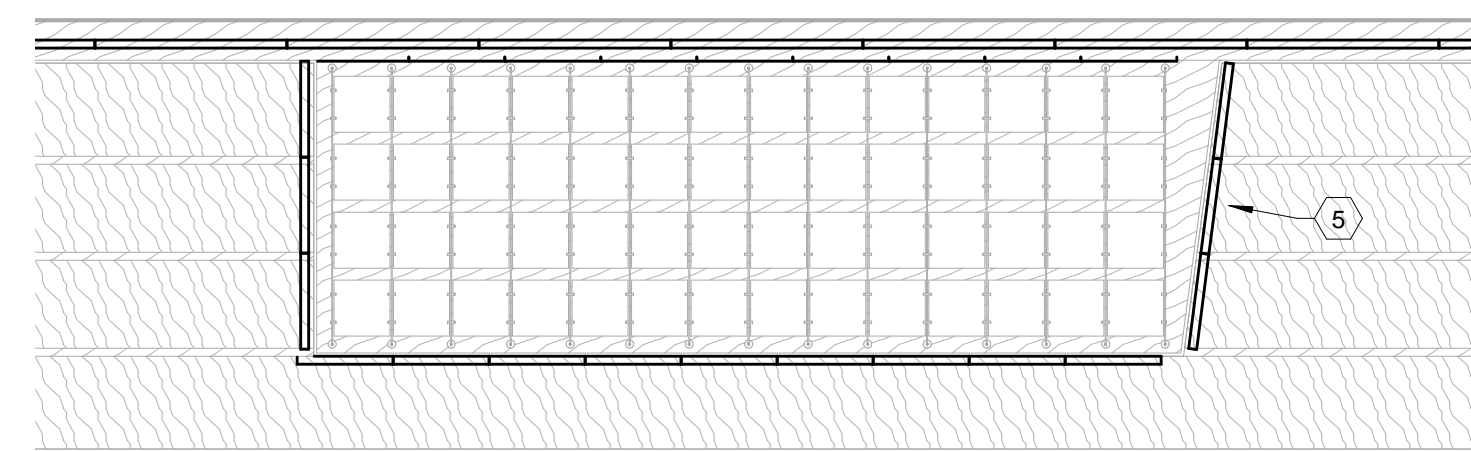
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			APPROVED FOR PROGRAM CONCEPT ONLY

LIGHTING NEW WORK - FIRST FLOOR TAGGED NOTES

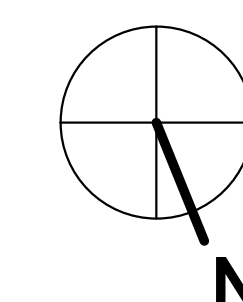
1. PROVIDE MOMENTARY-CONTACT CENTER-OFF TOGGLE SWITCHES FOR LIGHTING CONTROL. PROVIDE 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE FOR CONNECTION BY DIVISION 25 CONTRACTOR.
2. REFER TO ARCHITECTURAL PLANS AND DETAIL BELOW FOR MOUNTING DETAILS.
3. CIRCUIT TO STAIR FIXTURE ABOVE.
4. CIRCUIT TO STAIR FIXTURE BELOW.
5. REFER TO ARCHITECTURAL PLANS AND SHEET E6.0 FOR MOUNTING DETAILS.
6. RELAY PANEL FOR CENTRAL LIGHTING CONTROL TO BE FURNISHED UNDER DIVISION 25. ELECTRICIAN SHALL INSTALL PANEL AND PROVIDE ALL LINE-VOLTAGE WIRING FOR LIGHTING.
7. 6 ZONE LIGHTING CONTROLLER. LUTRON GRAFIK EYE OR EQUAL.



1 Lighting - CSG First Floor
3/16" = 1'-0"

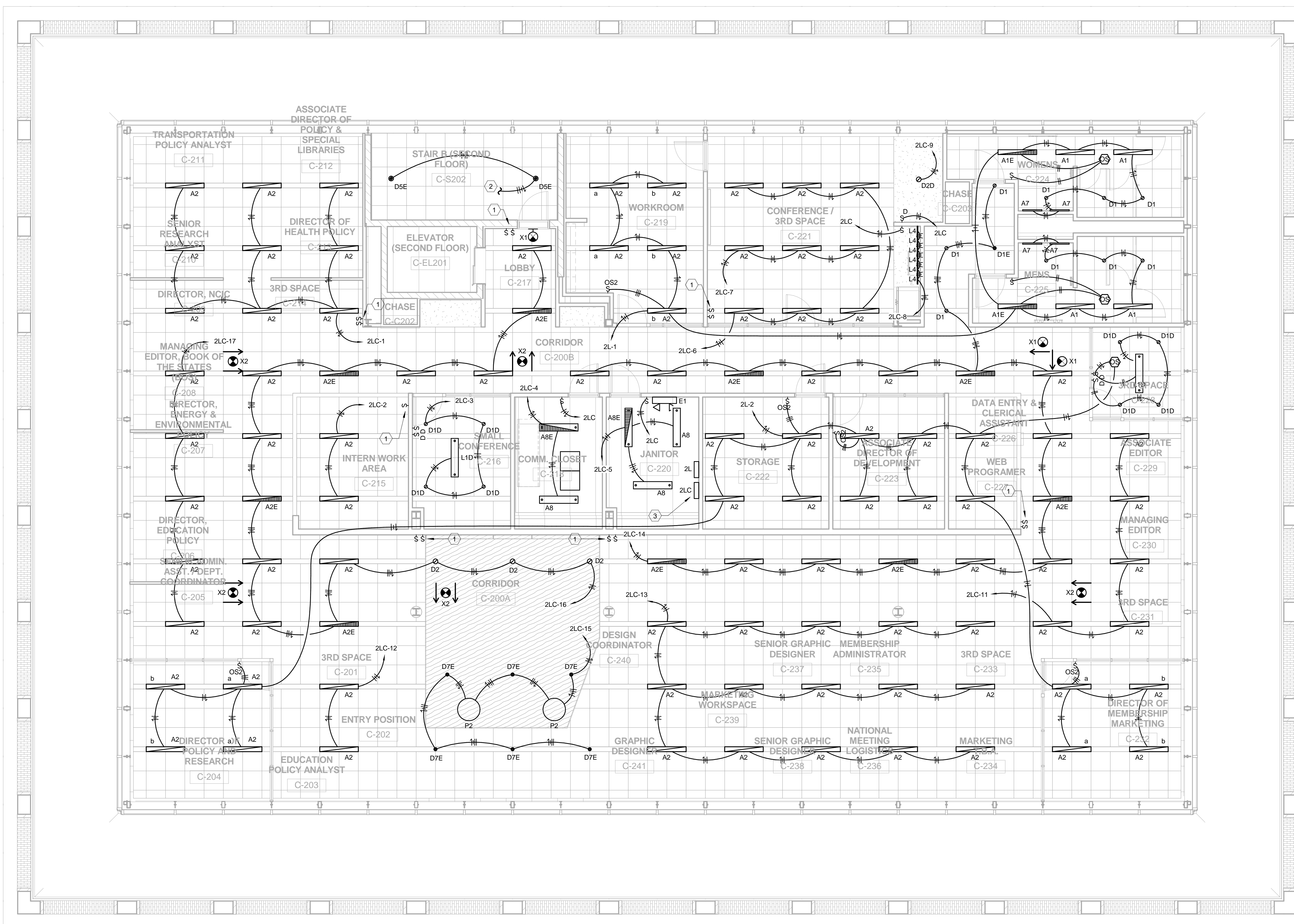


2 Plaque Display Lighting Layout
1/4" = 1'-0"

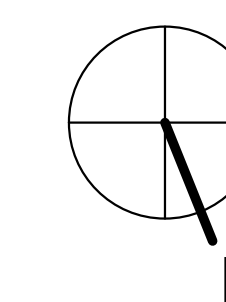


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1. PROVIDE MOMENTARY-CONTACT CENTER-OFF TOGGLE SWITCHES FOR LIGHTING CONTROL. PROVIDE 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE FOR CONNECTION BY DIVISION 25 CONTRACTOR.
2. CIRCUIT TO STAIR FIXTURE BELOW.
3. RELAY PANEL FOR CENTRAL LIGHTING CONTROL TO BE FURNISHED UNDER DIVISION 25. ELECTRICIAN SHALL INSTALL PANEL AND PROVIDE ALL LINE-VOLTAGE WIRING FOR LIGHTING.



1 Lighting - CSG Second Floor
3/16" = 1'-0"

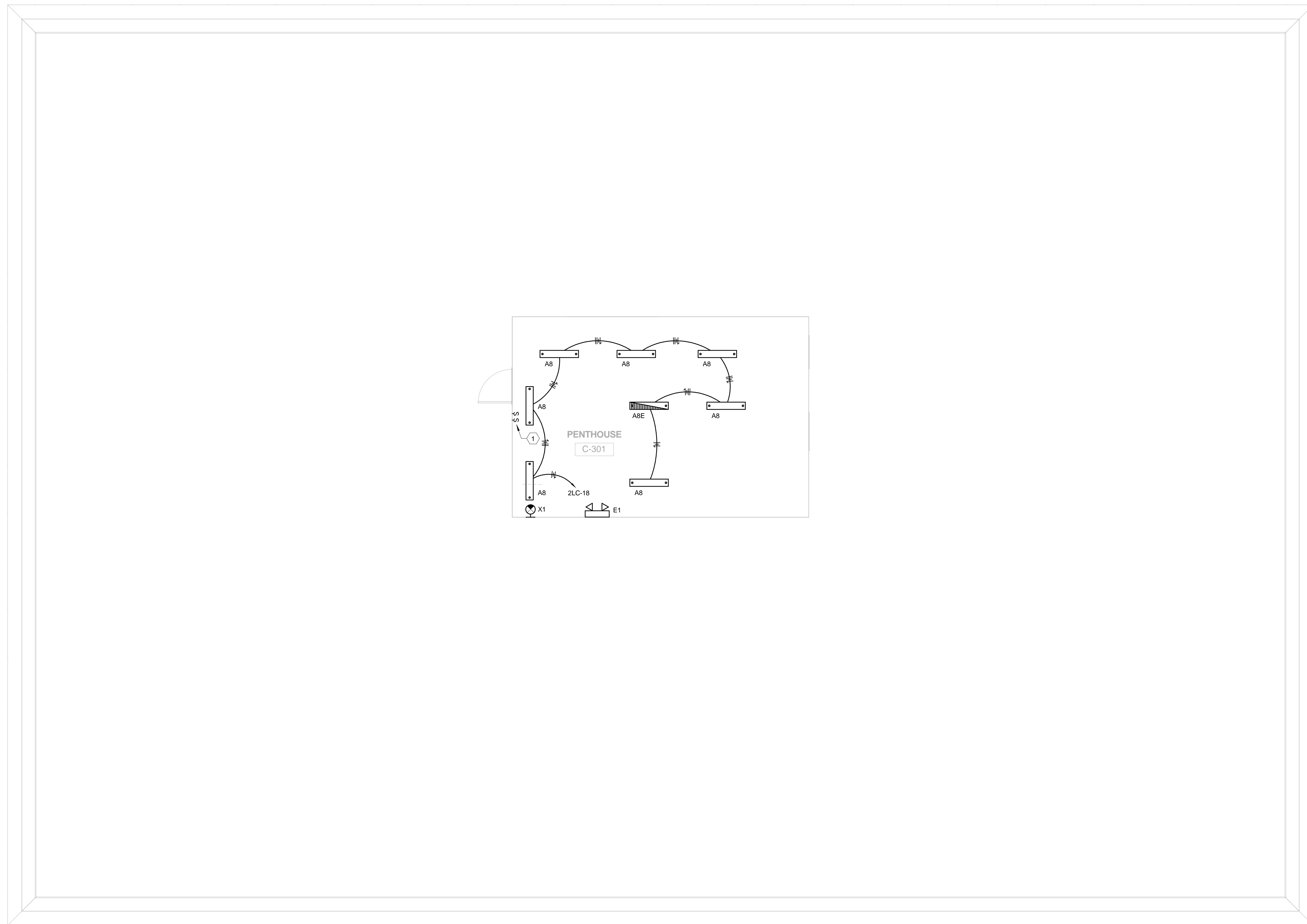


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3		NOV. 2013	E3.2
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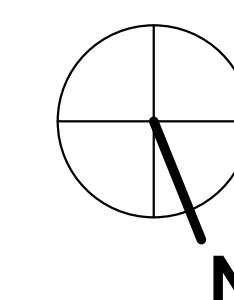


212 North Upper Street
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1. PROVIDE MOMENTARY-CONTACT CENTER-OFF TOGGLE SWITCHES FOR LIGHTING CONTROL. PROVIDE 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE FOR CONNECTION BY DIVISION 25 CONTRACTOR.



1 Lighting - CSG Penthouse
3/16" = 1'-0"



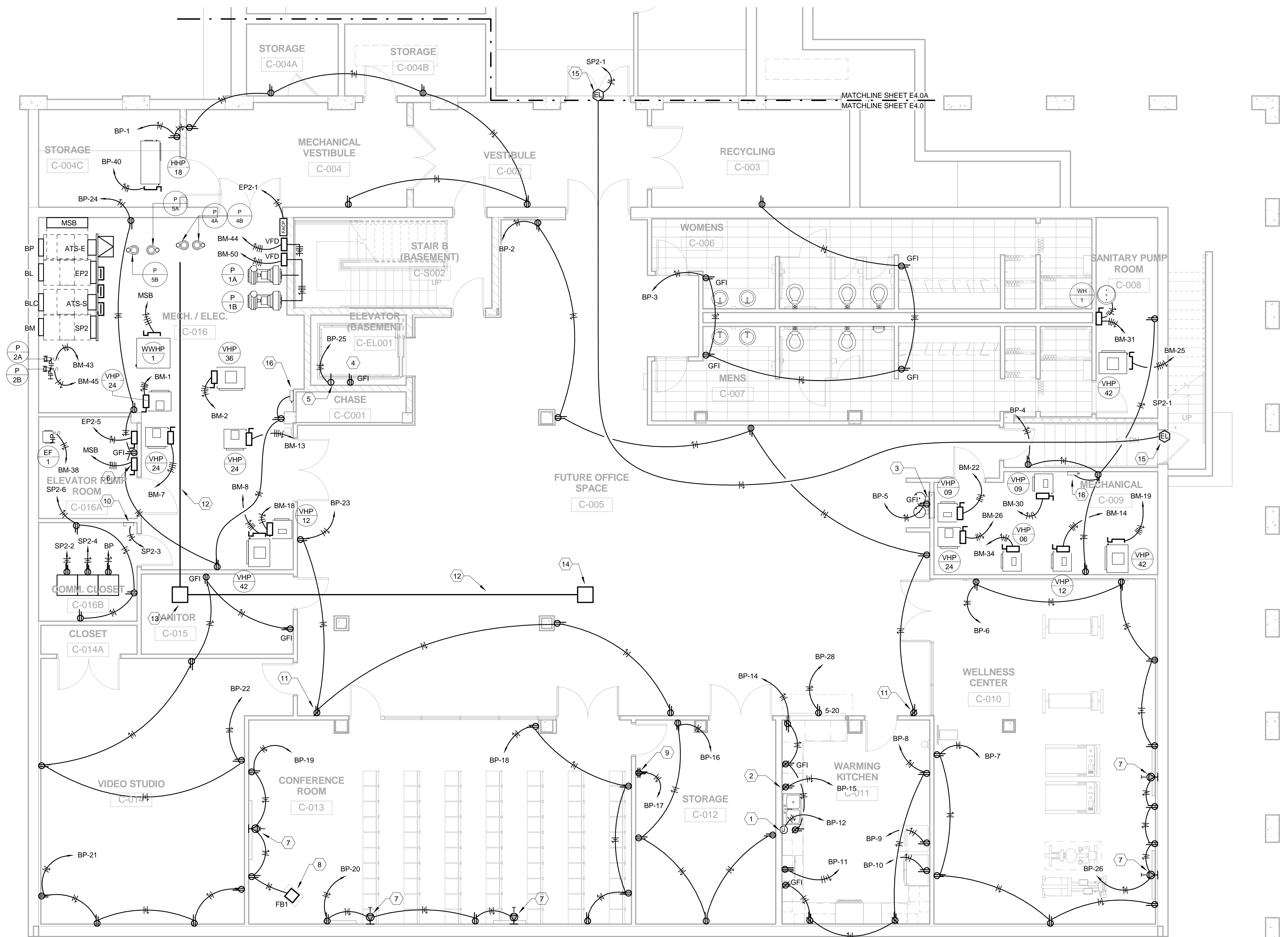
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1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
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5		NOV. 2013	E3.3
6		DRAWN BY	COMMONWEALTH OF KENTUCKY
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		APPROVED FOR PROGRAM CONCEPT ONLY	785-068R-BC01-00
		DATE	
		DATE	

POWER GENERAL NOTES

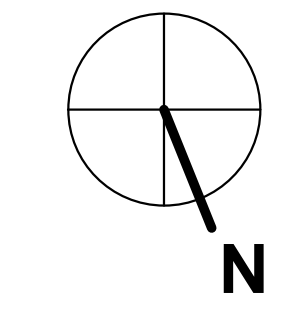
- A DEVICES SHOWN ON EXISTING CONCRETE WALLS SHALL BE RUN IN SURFACE MOUNT RACEWAY. ANY OTHER BACKBOXES AND WIRING SHALL BE INSTALLED CONCEALED.

POWER NEW WORK - BASEMENT TAGGED NOTES

1. RECEPTACLE FOR DISHWASHER. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN AND WIRE COMPLETE.
2. RECEPTACLE FOR MICROWAVE. E.C. SHALL COORDINATE WITH ARCH. CASEWORK FOR EXACT MOUNTING HEIGHT LOCATION AND WIRE COMPLETE.
3. RECEPTACLE FOR ELECTRIC WATER COOLER. COORDINATE LOCATION AND WIRE COMPLETE.
4. GROUND FAULT (GFI) RECEPTACLE AND 120V LIGHTING CIRCUIT FOR ELEVATOR PIT. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS WITH LOCAL CODES AND RESTRICTIONS PRIOR TO ROUGH-IN AND WIRE COMPLETE. PIT LIGHTING SHALL BE CANLET #GFWF26HG-GSC OR APPROVED EQUAL.
5. GROUND FAULT (GFI) RECEPTACLE AND 120V LIGHTING CIRCUIT FOR ELEVATOR PIT. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS WITH LOCAL CODES AND RESTRICTIONS PRIOR TO ROUGH-IN AND WIRE COMPLETE. PIT LIGHTING SHALL BE CANLET #GFWF26HG-GSC OR APPROVED EQUAL.
6. PROVIDE A DEDICATED SIMPLEX POWER CIRCUIT IN ELEVATOR PIT TO SERVE THE SLIMP PUMP. THIS OUTLET IS TO BE POWERED BY A DEDICATED 120V, 20A CIRCUIT. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS WITH LOCAL CODES AND RESTRICTIONS PRIOR TO ROUGH-IN AND WIRE COMPLETE.
7. PROVIDE NEW 7AMP SHUNT TRIP BREAKER. RECONNECT EXISTING ELEVATOR AND NEW CONTROLLER PER MANUFACTURERS INSTRUCTIONS. CONNECT TO FIRE ALARM FOR CODE REQUIRED SHUTDOWN. EXISTING ELEVATOR DISCONNECT RELOCATED TO NEW WALL. EXTEND CONDUIT AND WIRING - WIRE COMPLETE.
8. E.C. SHALL PROVIDE NEW DUPLEX RECEPTACLE FOR WALL MOUNTED T.V. COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN. OTHERWISE MOUNT RECEPTACLE NEXT TO CATV OUTLET AT HEIGHT INDICATED.
9. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN AND WIRE COMPLETE. SAW CUT AND PATCH FLOOR PER SPECIFICATIONS. REFER TO LOW VOLTAGE PLANS FOR ADDITIONAL REQUIREMENTS.
10. COORDINATE RECEPTACLE INSTALLATION WITH RACK LOCATION.
11. CONNECTION TO SECURITY CONTROL PANEL. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN AND WIRE COMPLETE.
12. PROVIDE RECEPTACLE ABOVE CEILING FOR WIRELESS ACCESS POINT.
13. APPROXIMATE CONDUIT PATH FOR FEEDER CONDUITS TO PANELS ON FIRST AND SECOND FLOOR. CONTRACTOR IS TO RUN CONDUIT TIGHT TO BOTTOM OF DUCTWORK AND PIPING THROUGHOUT BASEMENT.
14. PULL BOX LOCATION. PULLBOX IS TO BE INSTALLED BELOW DUCTWORK AND PIPING TO MAINTAIN ACCESSIBILITY.
15. PULL BOX LOCATION. FEEDER CONDUITS TO BE ROUTED FROM THIS BOX UP THROUGH CHASE TO THE FIRST AND SECOND FLOORS.
16. PROVIDE ELECTRIC LOCK POWER SUPPLY AND CONNECTIONS TO ELECTRIC LOCK. MOUNT SUPPLY ABOVE CEILING.
17. PROVIDE 120V CONNECTION TO TRAP PRIMER AS SHOWN.



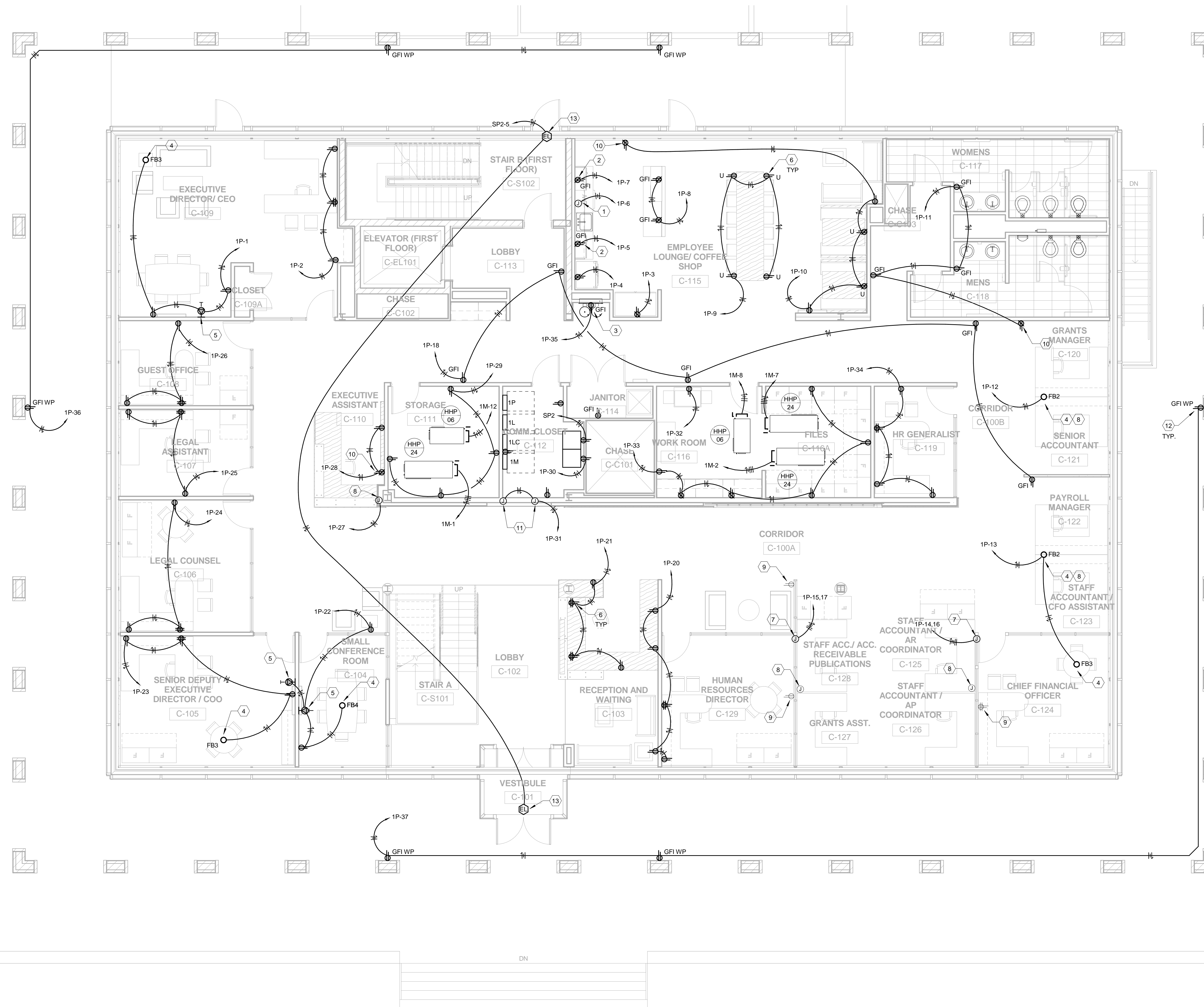
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3/16" = 1'-0"



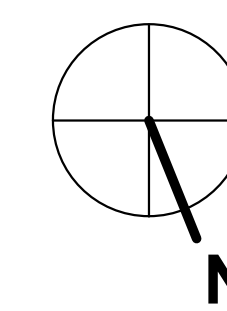
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1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	POWER NEW WORK - BASEMENT FLOOR PLAN
3		DRAWN BY	COMMONWEALTH OF KENTUCKY
4		AUTHOR	FINANCE AND ADMINISTRATION CABINET
5		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
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8		1302.00	212 North Upper Street
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			DATE

POWER NEW WORK - FIRST FLOOR TAGGED NOTES

- RECEPTACLE FOR DISHWASHER, E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN AND WIRE COMPLETE.
- RECEPTACLE FOR MICROWAVE, E.C. SHALL COORDINATE WITH ARCH. CASEWORK FOR EXACT MOUNTING HEIGHT LOCATION AND WIRE COMPLETE.
- RECEPTACLE FOR ELECTRIC WATER COOLER, COORDINATE LOCATION AND WIRE COMPLETE.
- PROVIDE POKE-THRU FITTING, E.C. SHALL COORDINATE LOCATION WITH FINAL FURNITURE LOCATION PRIOR TO ROUGH-IN AND WIRE COMPLETE.
- E.C. SHALL PROVIDE AND INSTALL NEW DUPLEX RECEPTACLE FOR WALL MOUNTED T.V. COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN, OTHERWISE MOUNT RECEPTACLE NEXT TO CATV OUTLET AT HEIGHT INDICATED.
- MOUNT RECEPTACLES IN CASEWORK, REFER TO ARCHITECTURAL DETAILS FOR EXACT LOCATIONS.
- MAKE CONNECTION TO PREWIRED WALL PANEL ABOVE CEILING.
- MAKE CONNECTION TO PREWIRED FURNITURE.
- WIRING DEVICES PROVIDED AS PART OF PREWIRED WALL PANEL, SHOWN FOR REFERENCE ONLY.
- PROVIDE RECEPTACLE ABOVE CEILING FOR WIRELESS ACCESS POINT.
- RECESSED 2-GANG BACKBOX WITH VOLTAGE SEPARATOR, ARLINGTON INDUSTRIES TVB500S OR EQUIVALENT, PROVIDE DUPLEX RECEPTACLE IN BACKBOX AND WIRE WITH 2#12, #12G IN 3/4" CONDUIT, COORDINATE FINAL INSTALLATION WITH LOCATION OF MONITORS, REFER TO ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION.
- PROVIDE NEW RECEPTACLE, DEVICE COVER, AND WIRING IN EXISTING BOX.
- PROVIDE ELECTRIC LOCK POWER SUPPLY AND CONNECTIONS TO ELECTRIC LOCK, MOUNT SUPPLY ABOVE CEILING.



1 Power - CSG First Floor
3/16" = 1'-0"



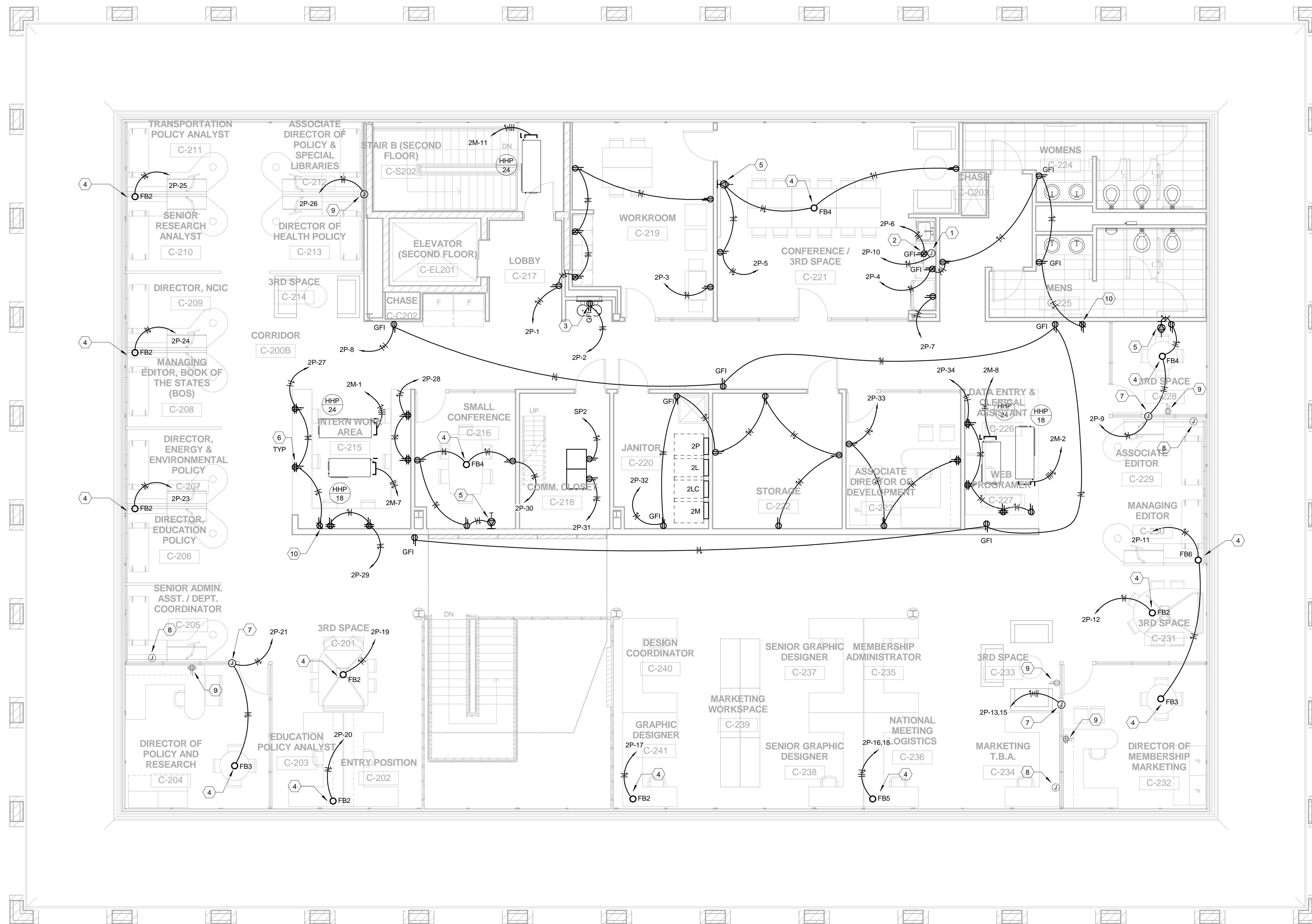
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1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		POWER NEW WORK - FIRST FLOOR PLAN	
3		RECORD DATE	DRAWING NO.
4	NOV. 2013	COMMONWEALTH OF KENTUCKY	E4.1
5		FINANCE AND ADMINISTRATION CABINET	
6		DRAWN BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
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POWER GENERAL NOTES

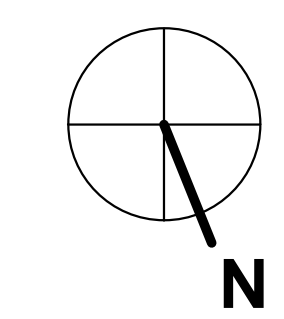
- A. DEVICES SHOWN ON EXISTING CONCRETE WALLS SHALL BE RUN IN SURFACE MOUNT RACEWAY. ANY OTHER BACKBOXES AND WIRING SHALL BE INSTALLED CONCEALED.

POWER NEW WORK - SECOND FLOOR TAGGED NOTES

1. CONNECTION TO DISHWASHER. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN AND WIRE COMPLETE.
2. CONNECTION TO MICROWAVE. E.C. SHALL COORDINATE WITH ARCH. CASEWORK FOR EXACT MOUNTING HEIGHT LOCATION AND WIRE COMPLETE.
3. CONNECTION TO ELECTRIC WATER COOLER. COORDINATE LOCATION AND WIRE COMPLETE.
4. E.C. SHALL COORDINATE LOCATION WITH FINAL FURNITURE LOCATION PRIOR TO ROUGH-IN AND WIRE COMPLETE.
5. E.C. SHALL PROVIDE AND INSTALL NEW DUPLEX RECEPTACLE FOR WALL MOUNTED T.V. COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN. OTHERWISE MOUNT RECEPTACLE NEXT TO CATV OUTLET AT HEIGHT INDICATED.
6. MOUNT RECEPTACLES IN CASEWORK. REFER TO ARCHITECTURAL DETAILS FOR EXACT LOCATIONS.
7. MAKE CONNECTION TO PREWIRED WALL PANEL ABOVE CEILING.
8. MAKE CONNECTION TO PREWIRED FURNITURE.
9. WIRING DEVICES PROVIDED AS PART OF PREWIRED WALL PANEL SHOWN FOR REFERENCE ONLY.
10. PROVIDE RECEPTACLE ABOVE CEILING FOR WIRELESS ACCESS POINT.



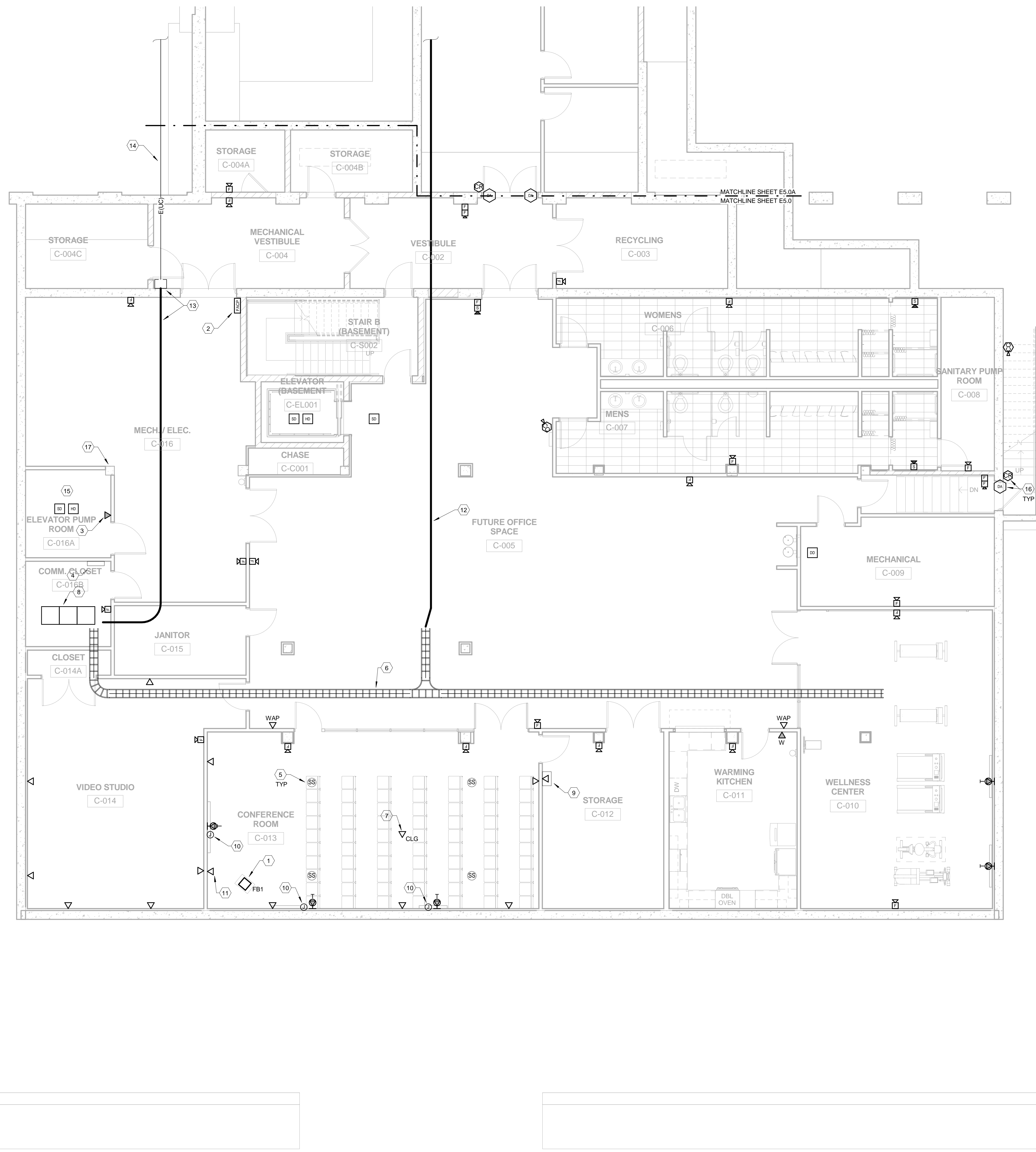
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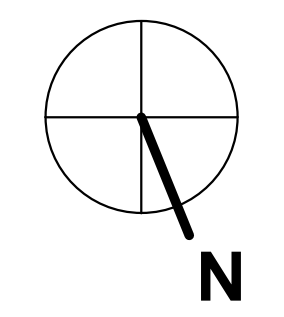
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		DIVISION OF	DATE
		ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY

SYSTEMS NEW WORK - BASEMENT TAGGED NOTES

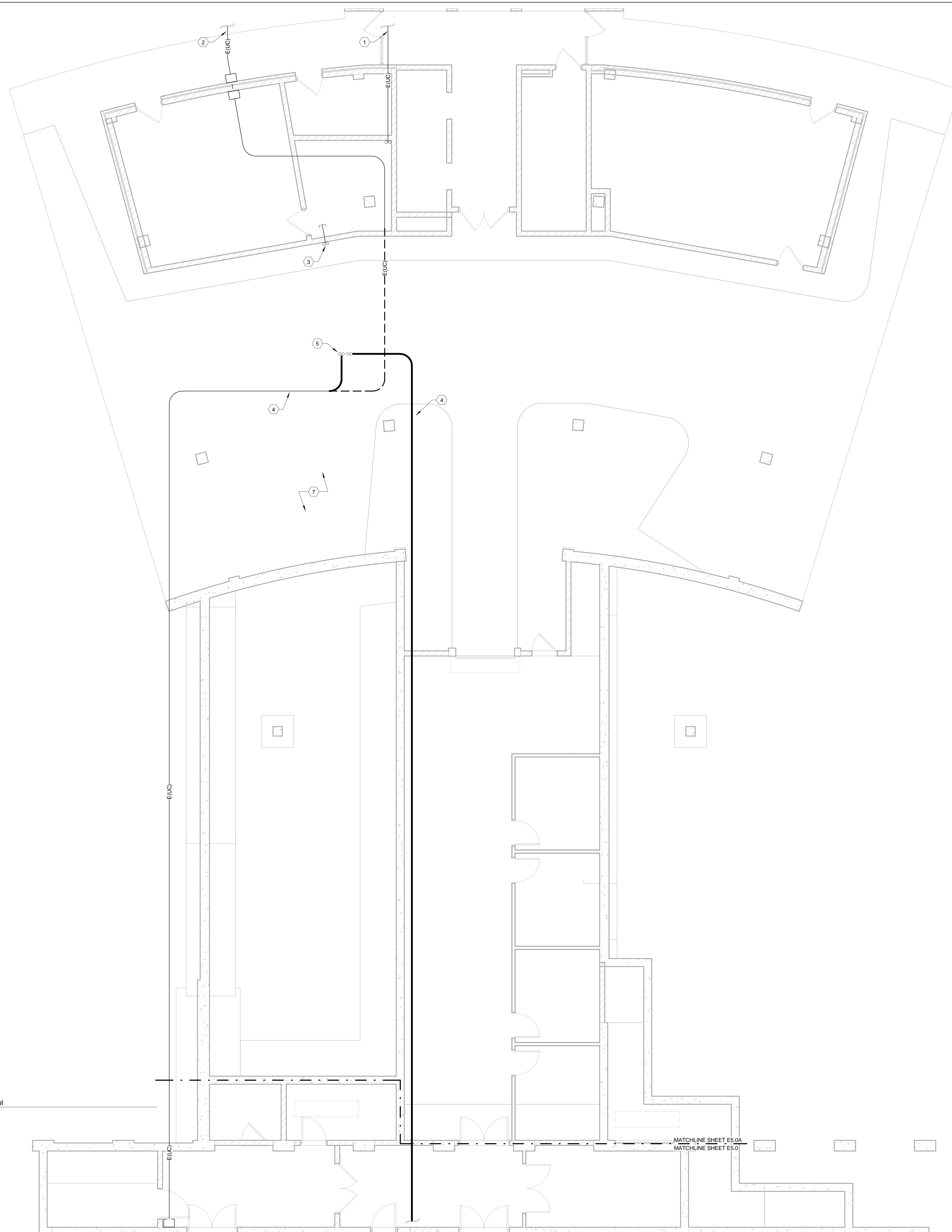
1. FLOOR BOX WITH DATA AND AV CABLING. PROVIDE 1" CONDUIT TO CABLE TRAY AND 2" CONDUIT TO AV RACK IN STORAGE C-012. REFER TO SCHEDULE FOR WIRING REQUIREMENTS.
2. PROVIDE TWO (2) DEDICATED ANALOG PHONE LINES FOR FIRE ALARM.
3. PROVIDE DEDICATED LINE FOR ELEVATOR PHONE PER MANUFACTURERS REQUIREMENTS.
4. REINSTALL EXISTING HIRSCH MODEL 8 ACCESS CONTROL PANEL. CONNECT NEW DEVICES AND REPROGRAM TO PROVIDE INTEGRATION WITH SPRAGUE BUILDING SYSTEM. PROVIDE DEDICATED TELEPHONE AND DATA LINES FOR SECURITY SYSTEM PER VENDORS REQUIREMENTS.
5. PROVIDE CEILING SPEAKER AND CABLING TO AV RACK IN STORAGE C-012.
6. 12"X3" CABLE TRAY ABOVE CEILING.
7. PROVIDE OUTLET ABOVE CEILING FOR VIDEO CONFERENCE CAMERA.
8. PROVIDE DATA RACKS PER SPECIFICATION. MOUNT LADDER TO TOP OF RACK AND CONNECT TO CABLE TRAY.
9. PROVIDE 19"X42" WALL MOUNT SWING-OUT RACK FOR AV EQUIPMENT.
10. PROVIDE 1" CONDUIT TO CABLE TRAY AND 2" CONDUIT TO AV RACK IN STORAGE C-012. PROVIDE CABLE AND FACEPLATE PER SCHEDULE.
11. PROVIDE 4 EA. CAT6 AND 2 EA. CAT 6A CABLES TO DATA RACK FOR VIDEO CONFERENCE EQUIPMENT.
12. PROVIDE 2 EA. 4" EMT TO SPRAGUE BUILDING COMMUNICATION ROOM. ROUTE THROUGH TUNNEL. MOUNT AS HIGH AS POSSIBLE. PROVIDE PULLBOXES AS NECESSARY. REFER TO RISER FOR CABLING.
13. PROVIDE 2 EA. 4" TO SPRAGUE BUILDING COMMUNICATION ROOM. COORDINATE ROUTING WITH DUCTWORK. PROVIDE PULLBOXES AS NECESSARY.
14. INTERCEPT EXISTING 2-4" CONDUITS TO SPRAGUE BUILDING. UTILIZE CONDUIT FOR NEW CABLING TO SPRAGUE BUILDING.
15. CONNECT ELEVATOR CONTROLLER AND BREAKER TO FIRE ALARM FOR RECALL AND SHUNT TRIP OPERATION.
16. CONNECT DEVICES TO RELOCATED ACCESS CONTROL PANEL.
17. PROVIDE DATA CONNECTION FOR DDC CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 25.



1 Systems - CSG Basement
3/16" = 1'-0"



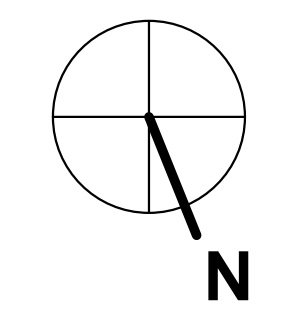
REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	DRAWING NO.
3		NOV. 2013	E5.0
4		DRAWN BY	COMMONWEALTH OF KENTUCKY
5		Author	FINANCE AND ADMINISTRATION CABINET
6		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
7		Checker	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
8		A & E FILE NO.	FRANKFORT, KENTUCKY
9		1302.00	212 North Upper Street Lexington, Kentucky 40507-1801 p 606.253.6664 f 606.253.2358 www.omniarchitects.com
		NOV. 2013	REVIEWED DNV. OF ENGR.
		AGENCY AUTHORIZED AGENT	DATE
		DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY
			DATE




- SYSTEMS NEW WORK - TUNNEL TAGGED NOTES
1. EXISTING TELEPHONE SERVICE TO REMAIN.
 2. EXISTING STATE-OWNED FIBER AND COPPER TO ADMINISTRATION BUILDING TO REMAIN.
 3. EXISTING 2 EA. 4" SLEEVES TO FIRST FLOOR COMM ROOM TO REMAIN.
 4. EXISTING 2 EA. 4" CONDUITS TO CONFERENCE BUILDING. WORK UNDER SEPARATE CONTRACT WILL REMOVE ACTIVE CABLING.
 5. CONTRACTOR SHALL RECONFIGURE CONDUIT TO TURN UP INTO FIRST FLOOR COMMUNICATION ROOM. UTILIZE CONDUIT FOR NEW CABLING TO CONFERENCE BUILDING.
 6. PROVIDE 2 EA. 4" EMT TO SPRAGUE BUILDING COMMUNICATION ROOM. ROUTE THROUGH TUNNEL. MOUNT AS HIGH AS POSSIBLE. PROVIDE PULLBOXES AS NECESSARY. REFER TO RISER FOR CABLING.
 7. CONDUIT IN PARKING AREA IS INSTALLED ABOVE SOLID CEILING. PROVIDE NEW 2 HOUR FIRE RATED, INSULATED, LOCKABLE ACCESS PANELS AS NECESSARY FOR CONDUIT INSTALLATION ABOVE CEILING.

1 Systems - Tunnel
3/16" = 1'-0"

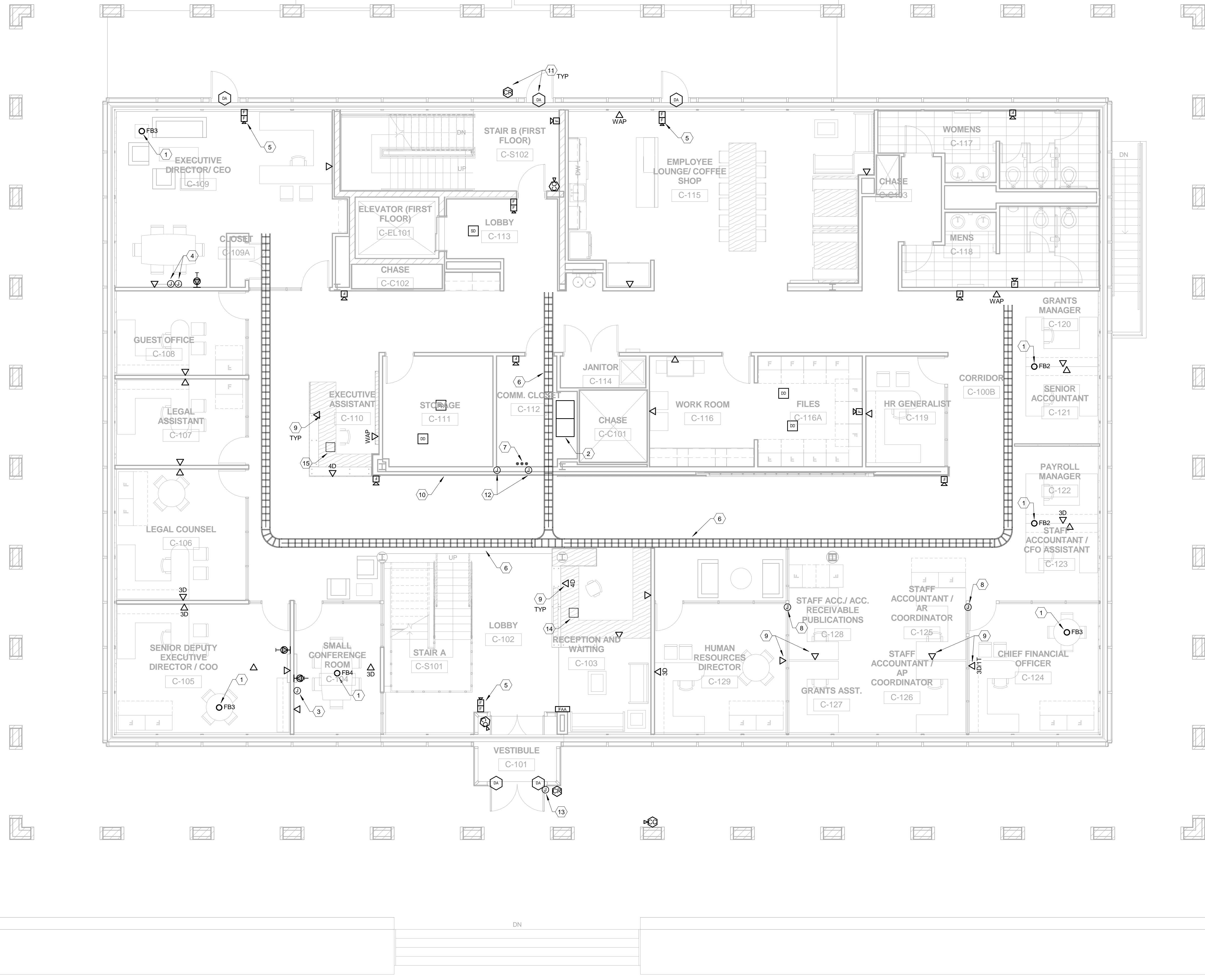
MATCHLINE SHEET E5.0A
MATCHLINE SHEET E5.0I



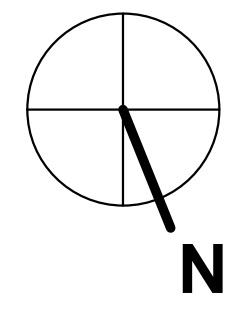
REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE NOV. 2013	
3		SYSTEMS NEW WORK - TUNNEL PLAN	
4		DRAWN BY Author	
5		COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET	
6		DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION	
7		DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES	
8		CHECKED BY Checker	
9		FRANKFORT, KENTUCKY	
		A & E FILE NO	REVIEWED D.V. OF ENGR.
		1302.00	
		NOV. 2013	212 North Upper Street Lexington, Kentucky 40507-1801 p 606.253.6664 f 606.253.2358 www.omniarchitects.com
		ENGR. FILE NO 785-068R-BC01-00	
		AGENCY AUTHORIZED AGENT	DATE
		DIVISION OF ENGINEERING	DATE
		APPROVED FOR PROGRAM CONCEPT ONLY	APPROVED FOR PROGRAM CONCEPT ONLY

SYSTEMS NEW WORK - FIRST FLOOR TAGGED NOTES

1. POKE-THRU FITTING WITH DATA AND AV CABLING. REFER TO SCHEDULE FOR WIRING REQUIREMENTS.
2. PROVIDE DATA RACKS PER SPECIFICATION. MOUNT LADDER TO TOP OF RACK AND CONNECT TO CABLE TRAY.
3. PROVIDE 2" CONDUIT FROM TV LOCATION TO CEILING SPACE OF FLOOR BELOW. PROVIDE AV CABLING PER SCHEDULE.
4. PROVIDE FACEPLATE AT 12" AFF WITH HDMI, VGA, AND 3.5 MM JACKS. EXTEND CABLING TO TV ABOVE.
5. MOUNT DEVICE TO STOREFRONT SYSTEM MULLION. CONCEAL WIRING IN GLAZING SYSTEM.
6. 12"X3" CABLE TRAY ABOVE CEILING.
7. PROVIDE 3 EA. 4" SLEEVES THROUGH FLOOR TO CABLE TRAY BELOW. PROVIDE REMOVABLE FIRES TOP IN SLEEVES AFTER CABLE INSTALLATION.
8. COMMUNICATION PATHWAY IN PREWIRED WALL PANEL.
9. PRE-FABRICATED FURNITURE/WALL ASSEMBLY. PROVIDE OUTLETS AND UNBROKEN CABLING FROM OUTLETS TO COMMUNICATION ROOM PATCH PANEL.
10. PROVIDE 4 EACH COMMERCIAL DISPLAY WALL MONITORS. NARROW BEZEL HD 47" WIDESCREEN DISPLAY. 1366X768 RESOLUTION. 500 CD/M². RG45 AND RS232 REMOTE CONTROL. HDMI, RGB AND COMPONENT. USB INPUTS. 30W AUDIO. INTEGRAL SELF VIDEO WALL TILING. LG47W9309R-B OR EQUAL. PROVIDE WITH ONE LICENSE FOR MANUFACTURER SUPPLIED VIDEO PRESENTATION AND CONTROL SOFTWARE. LOAD SOFTWARE ON OWNER-FURNISHED PC. PROVIDE TESTING OF ALL FUNCTIONS AND OWNER TRAINING.
11. CONNECT DEVICES TO RELOCATED ACCESS CONTROL PANEL.
12. PROVIDE IN RECESSED 2-GANG BACKBOX ONE EACH HDMI AND RS-232 CABLE FROM FIRST MONITOR TO RACK IN COMM CLOSET C-112. PROVIDE ONE EACH HDMI AND RS232 BETWEEN EACH MONITOR IN A DAISY-CHAIN CONFIGURATION. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MORE INFORMATION. REFER TO ARCHITECTURAL ELEVATIONS FOR LOCATION AND CONFIGURATION.
13. PROVIDE DOOR VIDEO INTERCOM STATION AND INSTALL IN MULLION. AIPHONE JK-DV OR EQUAL.
14. PROVIDE VIDEO INTERCOM MASTER STATION AND INTEGRATE INTO ACCESS CONTROL SYSTEM TO PROVIDE ABILITY TO UNLOCK FRONT DOOR. AIPHONE JM-4HD OR EQUAL.
15. PROVIDE VIDEO INTERCOM SUB-MASTER STATION AND INTEGRATE INTO ACCESS CONTROL SYSTEM TO PROVIDE ABILITY TO UNLOCK FRONT DOOR. AIPHONE JM-4HD OR EQUAL.



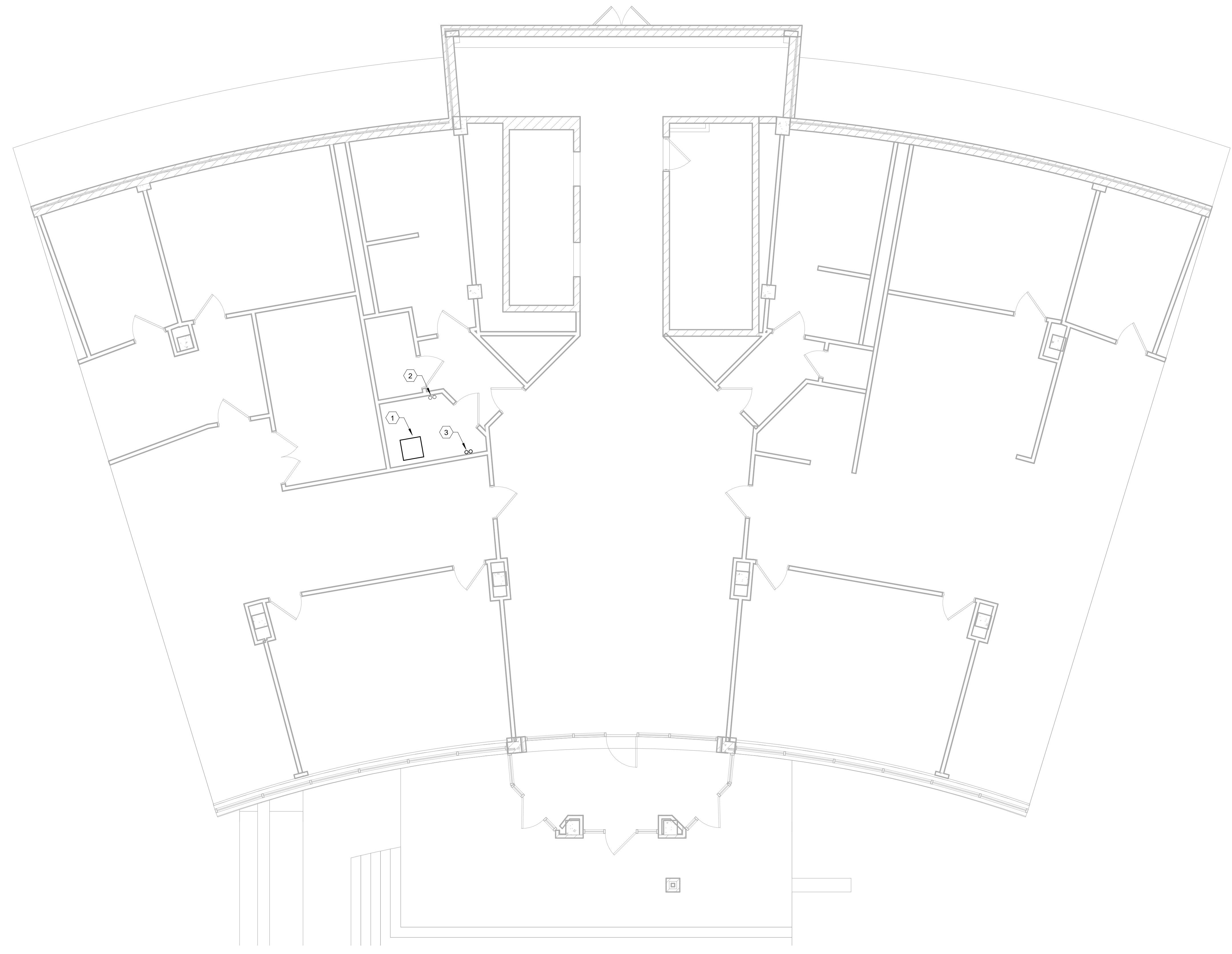
1 Systems - CSG First Floor
3/16" = 1'-0"



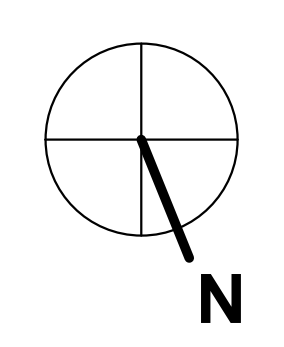
REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		SYSTEMS NEW WORK - FIRST FLOOR PLAN	
3		RECORD DATE	DRAWING NO.
4		NOV. 2013	E5.1
5		DRAWN BY	COMMONWEALTH OF KENTUCKY
6		Author	FINANCE AND ADMINISTRATION CABINET
7		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
8		Checker	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
9		A & E FILE NO	FRANKFORT, KENTUCKY
		1302.00	REVIEWED
		NOV. 2013	DIV. OF ENGR.
		AGENCY	DATE
		AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY
		DIVISION OF	DATE
		ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY

SYSTEMS NEW WORK - SPRAGUE FIRST FLOOR TAGGED NOTES

1. TERMINATE ALL INTER-BUILDING COMMUNICATIONS CABLING ON NEW PATCH PANELS IN EXISTING RACK.
2. EXISTING 2 EA. 4" SLEEVES TO BASEMENT COMM ROOM TO REMAIN.
3. RECONFIGURED CONDUIT FROM CONFERENCE BUILDING. REFER TO BASEMENT PLAN FOR CONFIRMATION.



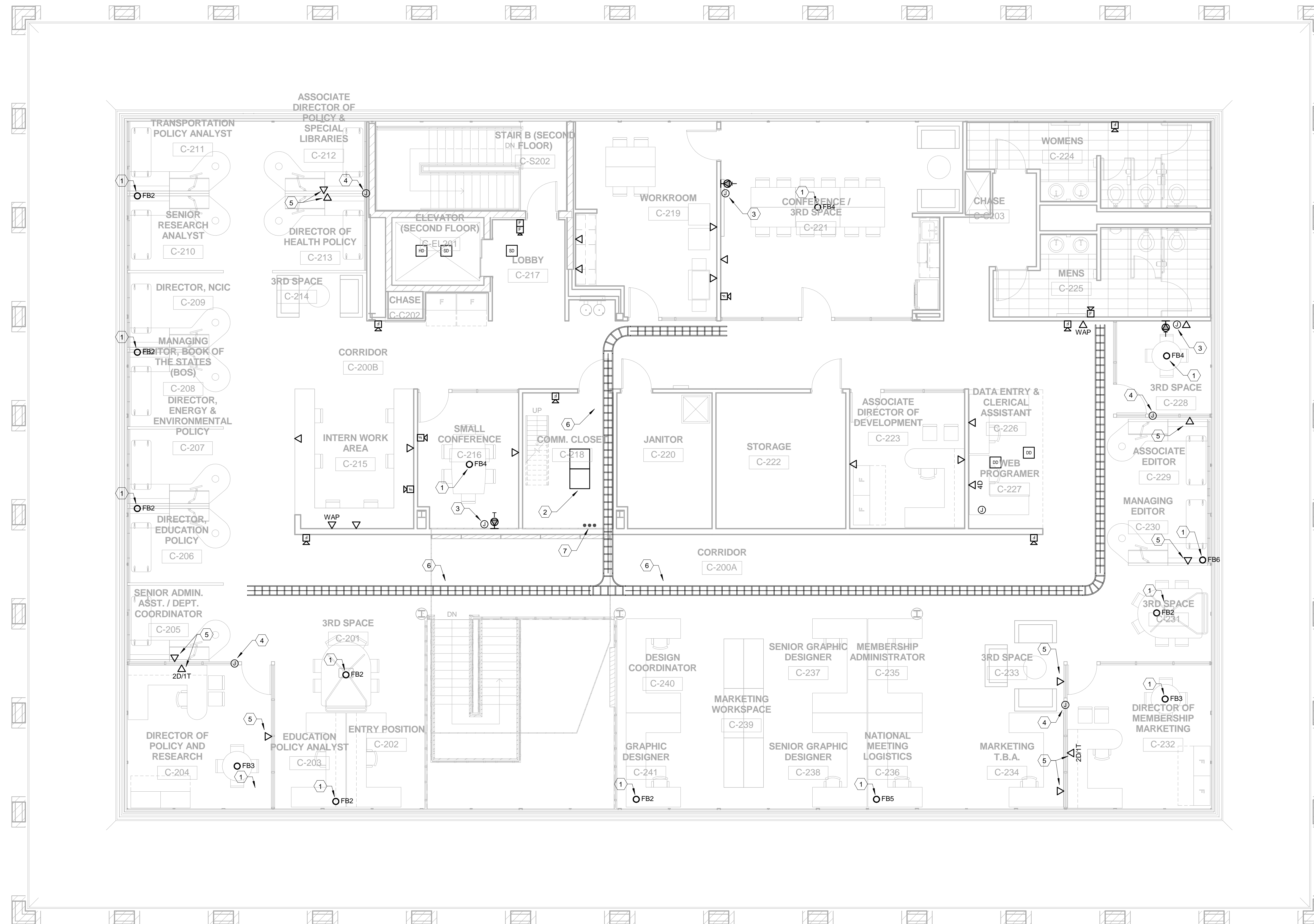
1 Systems - SPR First Floor
3/16" = 1'-0"



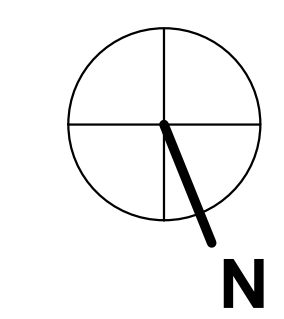
REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2			
3			
4		RECORD DATE	DRAWING NO.
5		NOV. 2013	E5.1A
6		DRAWN BY	COMMONWEALTH OF KENTUCKY
7		Author	FINANCE AND ADMINISTRATION CABINET
8		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
9		Checker	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
		A & E FILE NO	FRANKFORT, KENTUCKY
		1302.00	REVIEWED
		NOV. 2013	DIV. OF ENGR.
		AGENCY	ENGR. FILE NO
		AUTHORIZED AGENT	785-068R-BC01-00
		DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY
			DATE

SYSTEMS NEW WORK - SECOND FLOOR TAGGED NOTES

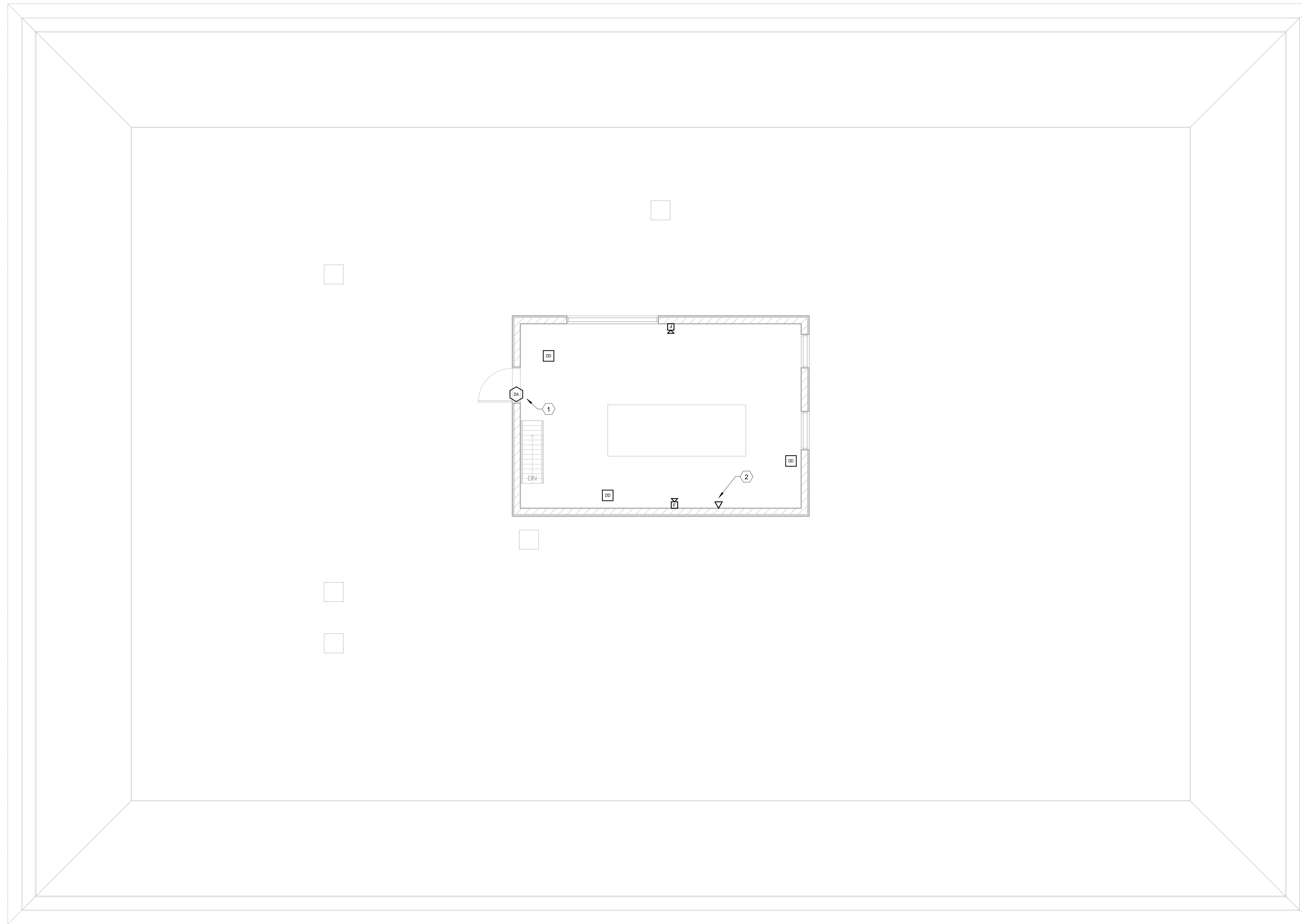
1. POKE-THRU FITTING WITH DATA AND AV CABLING. REFER TO SCHEDULE FOR WIRING REQUIREMENTS.
2. PROVIDE DATA RACKS PER SPECIFICATION. MOUNT LADDER TO TOP OF RACK AND CONNECT TO CABLE TRAY.
3. PROVIDE 2" CONDUIT FROM TV LOCATION TO CEILING SPACE OF FLOOR BELOW. PROVIDE AV CABLING PER SCHEDULE.
4. COMMUNICATION PATHWAY IN PREWIRED WALL PANEL.
5. PROVIDE OUTLETS AND UNBROKEN CABLING FROM OUTLETS TO COMMUNICATION ROOM PATCH PANEL.
6. 12"x3" CABLE TRAY ABOVE CEILING.
7. PROVIDE 3 EA. 4" SLEEVES THROUGH FLOOR TO CABLE TRAY BELOW. PROVIDE REMOVEABLE FIRESTOP IN SLEEVES AFTER CABLE INSTALLATION.



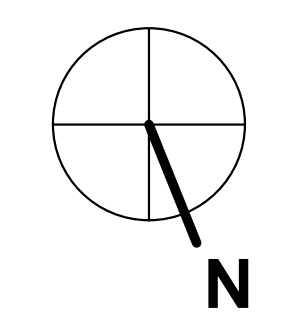
1 Systems - CSG Second Floor
3/16" = 1'-0"



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4		Author	FINANCE AND ADMINISTRATION CABINET
5		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
6		Checker	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
7		A & E FILE NO	FRANKFORT, KENTUCKY
8		1302.00	OMNI ARCHITECTS
9		NOV. 2013	212 North Upper Street Lexington, Kentucky 40507-1801 p 606.253.6664 f 606.253.2358 www.omniarchitects.com
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		AUTHORIZED AGENT	DIV. OF ENGR.
		DIVISION OF ENGINEERING	ENGR. FILE NO
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		DATE	
		APPROVED FOR PROGRAM CONCEPT ONLY	DATE



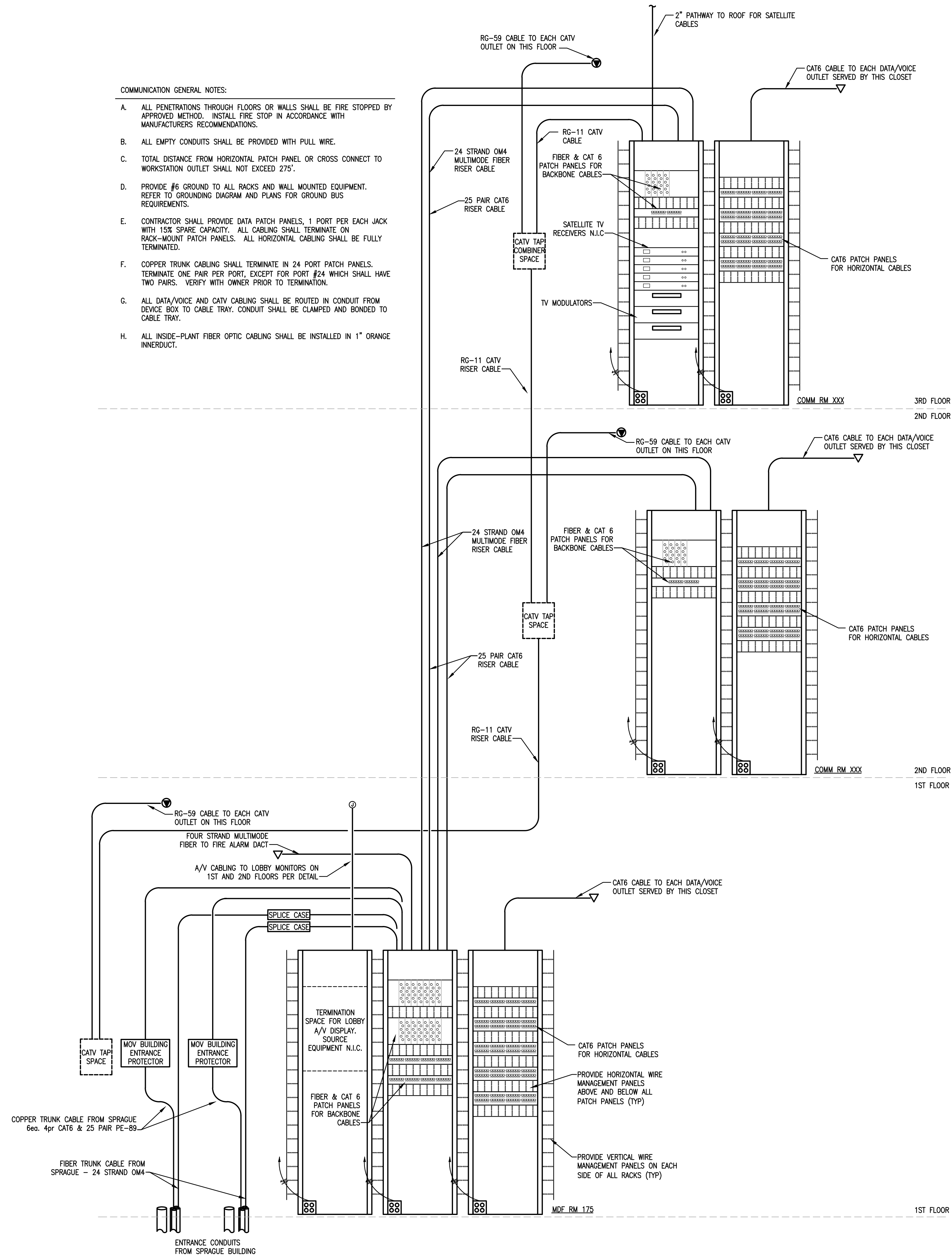
1 Systems - CSG Penthouse
3/16" = 1'-0"



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1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2			
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4		RECORD DATE	DRAWING NO.
5		NOV. 2013	E5.3
6		DRAWN BY	COMMONWEALTH OF KENTUCKY
7		Author	FINANCE AND ADMINISTRATION CABINET
8		CHECKED BY	DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
9		Checker	DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
		A & E FILE NO	FRANKFORT, KENTUCKY
		1302.00	REVIEWED
		NOV. 2013	DIV. OF ENGR.
		AGENCY	DATE
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		ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY

COMMUNICATION GENERAL NOTES:

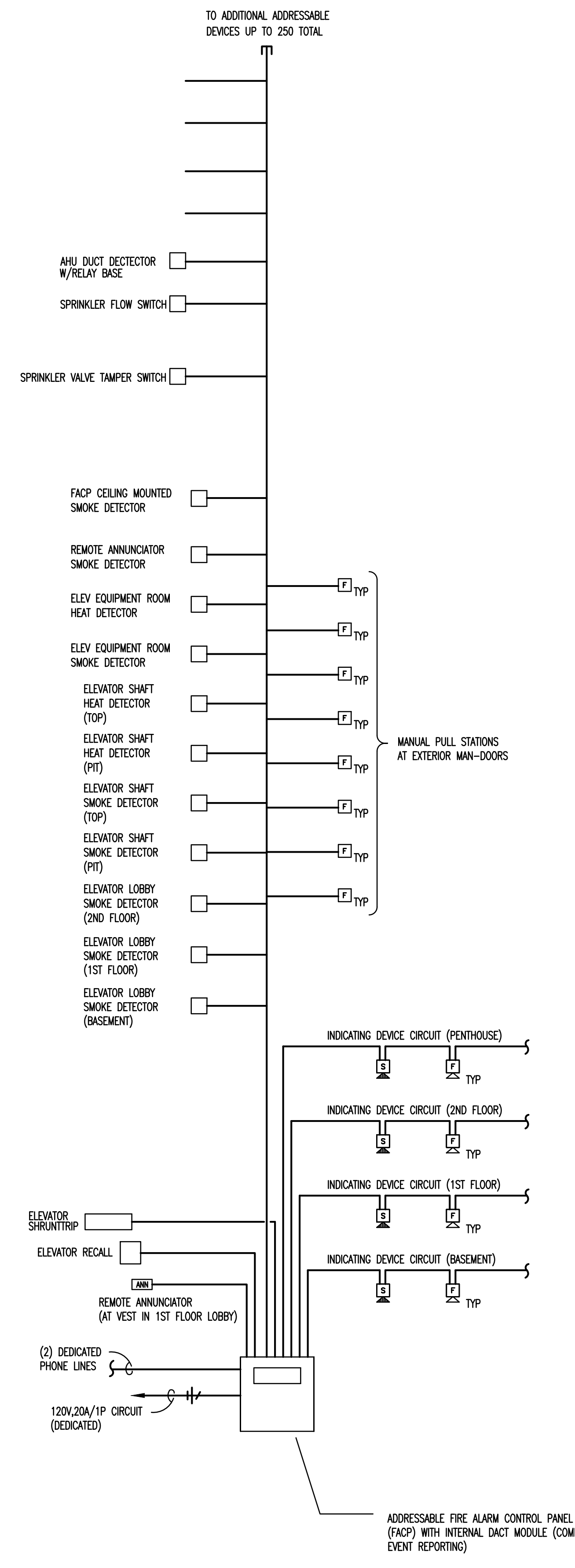
- A. ALL PENETRATIONS THROUGH FLOORS OR WALLS SHALL BE FIRE STOPPED BY APPROVED METHOD. INSTALL FIRE STOP IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- B. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL WIRE.
- C. TOTAL DISTANCE FROM HORIZONTAL PATCH PANEL OR CROSS CONNECT TO WORKSTATION OUTLET SHALL NOT EXCEED 275'.
- D. PROVIDE #6 GROUND TO ALL RACKS AND WALL MOUNTED EQUIPMENT. REFER TO GROUNDING DIAGRAM AND PLANS FOR GROUND BUS REQUIREMENTS.
- E. CONTRACTOR SHALL PROVIDE DATA PATCH PANELS, 1 PORT PER EACH JACK WITH 15% SPARE CAPACITY. ALL CABLING SHALL TERMINATE ON RACK-MOUNT PATCH PANELS. ALL HORIZONTAL CABLING SHALL BE FULLY TERMINATED.
- F. COPPER TRUNK CABLING SHALL TERMINATE IN 24 PORT PATCH PANELS. TERMINATE ONE PAIR PER PORT, EXCEPT FOR PORT #24 WHICH SHALL HAVE TWO PAIRS. VERIFY WITH OWNER PRIOR TO TERMINATION.
- G. ALL DATA/VOICE AND CATV CABLING SHALL BE ROUTED IN CONDUIT FROM DEVICE BOX TO CABLE TRAY. CONDUIT SHALL BE CLAMPED AND BONDED TO CABLE TRAY.
- H. ALL INSIDE-PLANT FIBER OPTIC CABLING SHALL BE INSTALLED IN 1" ORANGE INNERDUCT.



COMMUNICATIONS RISER DIAGRAM
NO SCALE

FIRE ALARM SYSTEM GENERAL NOTES:

- F1. PROVIDE AN INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM FOR THE NEW FACILITY. THIS FIRE ALARM SYSTEM SHALL BE CAPABLE OF MONITORING THE INCOMING FIRE SUPPRESSION RISER, MANUAL PULL-STATIONS, ALL CEILING MOUNTED AUTOMATIC SMOKE AND HEAT DETECTORS AND ALL DUCT-MOUNTED AUTOMATIC SMOKE DETECTORS. IN ADDITION, PROVIDE THIS SYSTEM WITH A DIGITAL DIALER CONNECTED TO A MONITORING SERVICE SO THAT THE PROPER AUTHORITIES ARE NOTIFIED IN THE EVENT OF AN ALARM CONDITION.
- F2. PROVIDE A DUCT-MOUNTED SMOKE DETECTOR IN THE RETURN DUCT FOR ANY PIECE OF AIR HANDLING EQUIPMENT THAT IS PUSHING OVER 2000 CFM. PROVIDE A DETECTOR IN BOTH THE RETURN AND THE SUPPLY DUCT IF THE UNIT IS PUSHING OVER 15000 CFM. WHEN ACTIVATED, EACH DETECTOR IS TO REPORT TO THE FIRE ALARM PANEL AND AUTOMATICALLY SHUT-DOWN THE HVAC UNIT THAT IS BEING MONITORED. THESE DETECTORS ARE TO BE SUPPLIED AND CONNECTED TO THE FIRE ALARM SYSTEM BY THE ELECTRICAL CONTRACTOR AND ARE TO BE INSTALLED IN THE DUCTWORK BY THE MECHANICAL CONTRACTOR.
- F3. PROVIDE A DUCT-MOUNTED SMOKE DETECTOR IN THE DUCTWORK SERVING EACH AUTOMATIC FIRE/SMOKE DAMPER. THESE DETECTORS ARE TO MONITOR THE DUCT OPENING IN A SMOKE OR FIRE RATED PARTITION. THESE DETECTORS ARE TO BE PROVIDED WITH AN AUXILIARY, 24V, NORMALLY-CLOSED, RELAY WHICH HOLDS THE DAMPER OPEN. THIS RELAY IS TO KEEP THE DAMPER OPEN UNDER NORMAL CONDITIONS. THIS RELAY IS TO BE WIRED SO THAT IT OPENS, THUS ALLOWING THE DAMPER TO CLOSE, IN THE EVENT OF AN ALARM OR LOSS OF POWER CONDITION. THESE DETECTORS ARE TO BE SUPPLIED AND CONNECTED TO THE FIRE ALARM SYSTEM BY THE ELECTRICAL CONTRACTOR AND ARE TO BE INSTALLED IN THE DUCTWORK BY THE MECHANICAL CONTRACTOR.
- F4. PROVIDE ADDRESSABLE NOTIFICATION APPLIANCES WITH THIS SYSTEM. THESE APPLIANCES ARE TO BE WHITE WITH RED LETTERING. AUDIBLE NOTIFICATION APPLIANCES ARE TO UTILIZE A AUDIBLE HORN SETTING AT A MINIMUM OF 57dB. VISUAL NOTIFICATION APPLIANCES SHALL BE CAPABLE OF MULTIPLE CANDELA SETTINGS UP TO 110 CANDELAS. ALL CONDUIT IN THE FIRE ALARM SYSTEM SHALL BE 3/4" SIZE EXCEPT AS OTHERWISE NOTED. PROVIDE LARGER CONDUIT IF REQUIRED TO MAINTAIN CONDUCTORS AT 40% MAX. FILL.
- F5. FIRE ALARM MANUAL STATIONS SHALL BE DOUBLE-ACTION TYPE, POSITIVE VISUAL INDICATION OF OPERATION, KEY RESET, AND ALL SHOULD BE KEYPED ALIKE.
- F6. AVOID PLACEMENT OF HEAT DETECTORS CLOSE TO HEAT-PRODUCING EQUIPMENT WHERE RATE-OF-RISE WILL DEGRADE DETECTOR PERFORMANCE OR PRODUCE NUISANCE ALARMS. USE DEVICES CAPABLE FIXED TEMPERATURE (165 F TO 190 F) DETECTION IN SUCH AREAS.
- F7. THE ENTIRE FIRE ALARM SYSTEM INSTALLATION SHALL BE IN FULL ACCORDANCE WITH THE CURRENT EDITION OF THE NFPA, THE KBC, THE AMERICANS WITH DISABILITIES ACT AND ALL OTHER APPLICABLE CODES.
- F8. COORDINATE WITH THE DOOR HARDWARE SET SPECIFICATIONS AND THE OWNER'S SECURITY REPRESENTATIVE TO VERIFY THE DOORS THAT WILL REQUIRE CONNECTION TO THE FIRE ALARM SYSTEM.
- F9. ALL ANNUNCIATOR LEGEND WORDING AND/OR ALPHANUMERIC DISPLAY LEGENDS SHALL BE APPROVED BY THE ENGINEER, OWNER, AND LOCAL FIRE DEPARTMENT AUTHORITY, AS APPLICABLE. SUBMIT THIS INFO. WITH SHOP DRAWING SUBMITTAL.
- F10. THE SENSITIVITY OF SMOKE DETECTORS SHALL BE ADJUSTED FOR THE SERVICE DUTY IN THE AREA INDICATED, TO SUIT BUILDING OPERATIONAL CONDITIONS.
- F11. WIRE SIZE SELECTIONS FOR AUDIO/VISUAL UNITS SHALL BE CALCULATED AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- F12. RISER DIAGRAM FOR FIRE ALARM SYSTEM IS FOR BID PURPOSES ONLY. SYSTEM SHALL BE INSTALLED AND CONNECTED IN ACCORDANCE WITH WIRING DIAGRAMS OBTAINED FROM MANUFACTURER AND THAT HAVE BEEN APPROVED BY THE STATE FIRE MARSHALL'S OFFICE OR THE LOCAL AUTHORITY HAVING JURISDICTION, AS APPLICABLE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM ALL QUANTITIES AND LOCATION OF FIRE ALARM DEVICES PRIOR TO SYSTEM ACTIVATION.
- F13. AUTOMATIC FIRE ALARM DETECTORS SHALL BE LOCATED SO AS TO PREVENT SHIELDING BY DUCTWORK, EQUIPMENT AND PIPING ON CEILING. SPACING BETWEEN DETECTORS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS IN ANY CASE. ADDITIONAL DETECTORS SHALL BE PROVIDED IF NEEDED TO INSURE COMPLETE COVERAGE OF THE INDICATED SPACE.
- F14. FIRE ALARM SIGNALING DEVICES SHALL BE SEMI-FLUSH TYPE AUDIBLES WITH FLASHING LAMP MOUNTED ON SAME PLATE. SURFACE-MOUNTED UNITS MAY BE USED IN UNFINISHED AREAS.
- F15. NO SMOKE DETECTORS SHALL BE LOCATED CLOSER THAN 36" TO SUPPLY, RETURN OR EXHAUST AIR OPENINGS NOR CLOSER THAN 12" TO WALL/CEILING INTERSECTIONS.



FIRE ALARM RISER DIAGRAM
NO SCALE

FILENAME: P:\ARCH\2013\1302\1302-17-17.dwg
 PLOT BY: DB
 PLOT DATE: 11/13/13 10:10 AM

REVISIONS	DATE	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING	
1		2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511	
2		RECORD DATE	NOV. 2013
3		DRAWN BY	DB
4		CHECKED BY	ARK
5		A & E FILE NO	1302.00
6		CSG13	NOV. 2013
7		AGENCY AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY
8		DIVISION OF ENGINEERING	DATE
9		APPROVED FOR PROGRAM CONCEPT ONLY	DATE

ELECTRICAL DIAGRAMS

COMMONWEALTH OF KENTUCKY
FINANCE AND ADMINISTRATION CABINET
DIVISION OF ENGINEERING & CONTRACT ADMINISTRATION
DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
FRANKFORT, KENTUCKY

E-7.1

REVIEWED
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ENGR. FILE NO
785-02BR-BC01-00

212 North Upper Street
Lexington, Kentucky 40507-1001
p 606.252.8664 f 606.253.2388
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PANELBOARD AND WIRING SCHEDULE																			
PANELBOARD:		BP		VOLTAGE:		208Y120		AMPERES:		150		Emergency Branch:		AIC:					
GND	CON	LOAD			DESIGNATION	WIRE	BKR	OKT	OKT	BKR	WIRE	DESIGNATION	LOAD			CON	GND		
		A	B	C								A	B	C					
12	3/4"	1.20			RCPT - RMS C002, C004, C004C	12	20	1	2	20	12	RCPT - RM C005	1.00		3/4"	12			
12	3/4"	1.00			RCPT - RMS C003, C005-C007	12	20	3	4	20	12	RCPT - RMS C008-C009		0.80	3/4"	12			
12	3/4"		1.00		WATER FOUNTAIN	12	20	6	6	20	12	RCPT - RM C010		1.00	3/4"	12			
12	3/4"	1.00			RCPT - RM C011	12	20	7	8	20	12	RCPT - RM C011	0.80		3/4"	12			
12	3/4"		1.00		QD11 - ICE MACHINE	12	20	9	10	20	12	QD11 - REFRIGERATOR		1.00	3/4"	12			
		2.50			QD11 - OVEN			11	12	20	12	QD11 - DESHWASHER		1.00	3/4"	12			
					--			13	14	20	12	RCPT - RM C011	0.00		3/4"	12			
12	3/4"	1.00			QD11 - MICROWAVE	12	20	16	16	20	12	RCPT - RM C012		0.80	3/4"	12			
12	3/4"				QD12 - RACK	12	20	17	18	20	12	RCPT - RM C013		0.80	3/4"	12			
12	3/4"	1.00			RCPT - RM C013	12	20	19	20	20	12	RCPT - RM C013	0.80		3/4"	12			
12	3/4"	0.80			RCPT - RM C014	12	20	21	22	20	12	RCPT - RMS C014-C015		1.00	3/4"	12			
12	3/4"		0.80		RCPT - RM C005	12	20	23	24	20	12	RCPT - RM C016		1.00	3/4"	12			
					SUMP PUMP			25	26	20	12	RCPT - RM C010	1.00		3/4"	12			
					GEO THERMAL VLT SUMP PUMP			27	28	20	12	RCPT - RM C010	1.00		3/4"	12			
		1.00			SPARE			29	30	20	12	SPARE		1.00					
			1.00		SPARE			31	32	20	12	SPARE		1.00					
				1.00	SPARE			33	34	20	12	SPARE		1.00					
				1.00	SPARE			35	36	20	12	SPARE		1.00					
				1.00	SPARE			37	38	20	12	SPARE		1.00					
				1.00	SPARE			39	40	20	12	SPARE		1.00					
				1.00	SPARE			41	42	20	12	SPARE		1.00					
		7.7	6.8	7.3	SUB-TOTAL							KVA							
												KVA	SUB-TOTAL	6.2	6.6	6.8			
												KVA	GROSS-TOTAL	13.9	13.4	14.1			
												FED FROM	MDP			41.4			

PANELBOARD AND WIRING SCHEDULE																			
PANELBOARD:		BM		VOLTAGE:		208Y120		AMPERES:		400		Emergency Branch:		AIC:					
GND	CON	LOAD			DESIGNATION	WIRE	BKR	OKT	OKT	BKR	WIRE	DESIGNATION	LOAD			CON	GND		
		A	B	C								A	B	C					
12	3/4"	1.33			VHRP-24	12	15/3	1	2	30/3	10	VHRP-30	2.34		3/4"	10			
			1.33		--			5	6	-	10	--		2.34	--				
				1.33	--			6	7	-	10	--		2.34	--				
12	3/4"	1.33			VHRP-24	12	15/3	7	8	35/3	8	VHRP-42	3.01		1"	10			
			1.33		--			9	10	-	10	--		3.01	--				
				1.33	--			11	12	-	10	--		3.01	--				
12	3/4"	1.33			VHRP-24	12	15/3	13	14	15/2	12	VHRP-12	0.71		3/4"	12			
			1.33		--			15	16	-	12	--		0.71	--				
				1.33	--			17	18	15/2	12	VHRP-12	0.71		3/4"	12			
1"	10	3.01			VHRP-42	8	35/3	19	20	-	12	--		0.71	--				
			3.01		--			21	22	15/2	12	VHRP-09	0.58		3/4"	12			
				3.01	--			23	24	-	12	--		0.58	--				
1"	10	3.01			VHRP-42	8	35/3	25	26	15/2	12	VHRP-24	1.07		3/4"	12			
			3.01		--			27	28	-	12	--		0.94	--				
				3.01	--			29	30	15/2	12	VHRP-18	1.18		3/4"	12			
3/4"	12	1.50			WH-1	12	20/3	31	32	-	12	--		1.18	--				
			1.50		--			33	34	15/2	12	VHRP-06	0.49		3/4"	12			
				1.50	--			35	36	-	12	--		0.49	--				
2"	8	14.80			WWHP-2	1	100/3	37	38	20	12	EF-1	0.25		3/4"	12			
			14.80		--			39	40	15/2	12	HHRP-18	1.18		3/4"	12			
				14.80	--			41	42	-	12	--		1.18	--				
3/4"	12	1.18			P-2A	12	20	43	44	35/3	8	P-1A	2.10		1"	10			
3/4"	12	1.18			P-2B	12	20	45	46	-	8	--		2.10	--				
					--			47	48	-	8	--		2.10	--				
3/4"	12	1.00			SPARE	12	15/3	49	50	35/3	8	P-1B	0.00		1"	10			
			1.00		--			51	52	-	8	--		0.00	--				
				1.00	--			53	54	-	8	--		0.00	--				
		28.5	28.5	27.4	SUB-TOTAL							KVA	SUB-TOTAL	11.4	11.4	11.6			
												KVA	GROSS-TOTAL	39.9	39.9	39.0			
												FED FROM	MDP			118.8			

PANELBOARD AND WIRING SCHEDULE																			
PANELBOARD:		SP2		VOLTAGE:		208Y120		AMPERES:		60		Emergency Branch:		AIC:					
GND	CON	LOAD			DESIGNATION	WIRE	BKR	OKT	OKT	BKR	WIRE	DESIGNATION	LOAD			CON	GND		
		A	B	C								A	B	C					
12	3/4"	1			ELECTRIC LOCKS - BASEMENT	12	20	1	2	20	12	COMM ROOM RACK RCPT	1		3/4"	12			
12	3/4"		1		SECURITY CTRL PANEL	12	20	3	4	20	12	COMM ROOM RACK RCPT		1	3/4"	12			
12	3/4"			1	ELECTRIC LOCKS - FIRST FLOOR	12	20	5	6	20	12	COMM ROOM RCPT	0.54		3/4"	12			
					--			7	8			--							
					--			9	10			--							
					--			11	12			--							
					--			13	14			--							
					--			15	16			--							
					--			17	18			--							
					--			19	20			--							
					--			21	22			--							
					--			23	24			--							
					--			25	26			--							
					--			27	28			--							
					--			29	30			--							
		1.0	1.0	1.0	SUB-TOTAL							KVA	SUB-TOTAL	1.0	1.0	0.0			
												KVA	GROSS-TOTAL	2.0	2.0	1.0			
												FED FROM	MDP			5.0			

Floor Fitting Schedule									
Callout	Device	15A Recept	Voice	Data	CATV	A/V	Connections	Type	A/V Cable
FB1	Wiremold EFBS-DG	Duplex - 2ea.	-	2	-	-	VGA HDMI 1 1/8" Stereo Mini Spare **	Powered extender pair via Cat6 cable Powered extender pair via Cat6 cable Beliden 82760	Connect To Matrix Switch in A/V Cabinet * Matrix Switch in A/V Cabinet * Amplifier in A/V Cabinet *
FB2	Wiremold 4FFATC	Furn Connect	-	4	-	-			
FB3	Wiremold RC7	Duplex - 2ea.	-	2	-	-			
FB4	Wiremold 6AT	Duplex - 1ea.	-	2	-	-	VGA HDMI 1 1/8" Stereo Mini	Preterminated Preterminated Beliden 82760	Wall Monitor Wall Monitor Wall Monitor (RCA)
FB5	Wiremold 4FFATC	Furn Connect	-	8	-	-			
FB6	Wiremold 4FFATC	Furn Connect	-	2	-	-			

NOTES: * Electronic equipment is Owner Furnished, Owner Installed
 ** Provide one spare 1 1/4" conduit from each 4" deep floor box. Provide one spare 2" conduit from each 6" deep and greater floor box. Conduits to be routed to the nearest accessible ceiling space and left with pull string.

PANELBOARD AND WIRING SCHEDULE																			
PANELBOARD:		1P		VOLTAGE:		208Y120		AMPERES:		150		Emergency Branch:		AIC:					
GND	CON	LOAD			DESIGNATION	WIRE	BKR	OKT	OKT	BKR	WIRE	DESIGNATION	LOAD			CON	GND		
		A	B	C								A	B	C					
12	3/4"	1			RCPT - RM C109	12	20	1	2	20	12	RCPT - RM C109	0.8		3/4"	12			
12	3/4"		1		RM C115 - REFRIGERATOR	12	20	3	4	20	12	RM C115 - REFRIGERATOR		1	3/4"	12			
12	3/4"			1	RM C115 - MICROWAVE	12	20	5	6	20	12	RM C115 - DESHWASHER		1	3/4"	12			
12	3/4"				RM C115 - MICROWAVE	12	20	7	8	20	12	RCPT - RM C115	0.4		3/4"	12			
12	3/4"	0.8			RCPT - RM C115	12	20	9	10	20	12	RCPT - RM C115		1	3/4"	12			
12	3/4"		0.8		RCPT - RMS C109B, C117-C118	12	20	11	12	20	12	RCPT - RMS C125-C126		1	3/4"	12			
12	3/4"	1.2			RCPT - RMS C127-C128	12	20	13	14	20	12	RCPT - RMS C127-C128		1	3/4"	12			
12	3/4"				RCPT - RMS C127-C128	12	20	15	16	20	12	RCPT - RMS C103, C129	1.2		3/4"	12			
12	3/4"				RCPT - RMS C127-C128	12	20	17	18	20	12	RCPT - RM C104-C105		1	3/4"	12			
					SPARE			20	21	20	12	RCPT - RM C106		0.8	3/4"	12			
12	3/4"	1.2			RCPT - RM C103	12	20	21	22	20	12	RCPT - RM C104-C105		1	3/4"	12			
12	3/4"		1.2		RCPT - RM C105	12	20	23	24	20	12	RCPT - RM C106		0.8	3/4"	12			
12	3/4"	0.8			RCPT - RM C107	12	20	25	26	20	12	RCPT - RM C108	0.8		3/4"	12			
12	3/4"		1		RCPT - RM C110	12	20	27	28	20	12	RCPT - RMS C110		0.4	3/4"	12			
12	3/4"			0.8	RCPT - RM C111	12	20	29	30	20	12	RCPT - C112 RACK		1	3/4"	12			
12	3/4"	0.88			RCPT - CORR C109A, TV'S	12	20	31	32	20	12	RM C116 - CORNER	1.0		3/4"	12			
12	3/4"		1.2		RCPT - RM C116-C115A	12	20	33	34	20	12	RCPT - RM C119		1.0	3/4"	12			
12																			