22. THE CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR WHOMEVER HOLDS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS', SUPPLIERS, INSTALLERS, ETC., POOR OR UNTIMELY WORK ON THE PART OF ANY SUBCONTRACTOR SHALL BE RESOLVED BY THE PARTY WHO ENGAGED THEM ON THIS PROJECT. 23. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE, IN CONFLICT WITH ANY OTHER BUILDING SYSTEMS,

- CONTACT THE ENGINEERS BEFORE AFFECTING INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL INTERIOR
- AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS, AND OTHER DETAILS OF THESE DOCUMENTS, AS APPLICABLE.

GENERAL NOTES (APPLICABLE TO ALL WORK AND DOCUMENTS) 1. EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS

ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.

TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.

PRIOR TO INSTALLATION FOR CLARIFICATION.

PERIODS FOR EQUIPMENT ARE SPECIFIED.

INDICATED OTHERWISE.

PURCHASER.

CONTRACTOR(S).

RECEPTACLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.

ANYWAY.

- 3.

PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO INSURE ADEQUACY OF FIT,

2. ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC., MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSERS DISCRETION.

4. ADVISE THE ENGINEERS OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC., AT LEAST TEN DAYS PRIOR TO BID DATE

MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE. (SEE ALSO NOTE 21).

DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS

5. DEVIATION FROM SPECIFICATIONS OF PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ENGINEERS AND

6. OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS

CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.)

INSTALL EQUIPMENT, MATERIALS, ETC., IN STRICT ACCORD WITH MANUFACTURERS' RECOMMENDATIONS AND

8. DO NOT RECESS PANELBOARD TUBS OR OTHER FLUSH-MOUNTED EQUIPMENT IN WALLS THAT HAVE A FIRE

9. THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A

10. ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT MEETING THIS CRITERION SHALL BE REMOVED AND REINSTALLED SATISFACTORILY. FINAL

DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF WORK RESIDES WITH THE ENGINEER.

ADJACENT SURFACE, UNLESS OTHERWISE NOTED, COORDINATE WORK WITH ARCHITECT.

11. ALL WORK, MATERIALS, EQUIPMENT, ETC., SHALL BE FULLY GUARANTEED FOR ONE FULL CALENDAR YEAR FROM

THE DATE OF SUBSTANTIAL COMPLETION AS DOCUMENTED BY THE ENGINEERS, UNLESS LONGER WARRANTY

12. UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL EQUIPMENT AND/OR MATERIALS WITHIN OCCUPIED SPACES OR

13. WHERE PENETRATING NEW/EXISTING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING

14. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES, OR OTHER COSTS THAT THE UTILITY

15. COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK DETAILS FOR LOCATION OF

16. UNLESS OTHERWISE SPECIFIED OR INDICATED, INSTALL LIGHT FIXTURES, SMOKE DETECTORS, SPEAKERS AND

OTHER CEILING MOUNTED APPURTENANCES IN THE CEILING IN A SYMMETRICAL PATTERN, UNLESS SPECIFICALLY

17. CEILING-MOUNTED ELECTRICAL DEVICES SHALL BE CENTERED IN 2' X 2' CEILING TILE AND INSTALLED CENTERED

ON 2' DIMENSION OF 2' X 4' TILE AND ON CENTERLINE OR A QUARTER POINT ON 4' DIMENSION, AS

18. ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM

ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.

20. PROVIDE DETAILED SHOP DRAWINGS TO ENGINEERS PRIOR TO PURCHASING AND INSTALLING ANY EQUIPMENT.

21. DEVIATIONS IN SIZES, CAPACITIES, FIT, FINISH, ETC., FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE

THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE

A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE

19. CHECK ALL THREE PHASE MOTORS WITH 0 ROTATION METER, PRIOR TO PLACING IN SERVICE.

SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL

BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL DECISION

COMPANY MAY REQUIRE TO COMPLETE THEIR WORK. (ELECTRIC, TELEPHONE, TELEVISION, ETC.)

EXPOSED TO VIEW ON THE BUILDING EXTERIOR SHALL BE PRIMED AND FINISHED SO AS TO COMPLEMENT

THE BUILDING, MAKE SUCH PENETRATION IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY

OR INTEGRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING INSTALLER/ARCHITECT.

COMPLETE, FUNCTIONAL, SAFE, LIKE NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.

RATING, AS REQUIRED BY CODES. NO INSTALLATION SHALL DIMINISH OR VOID FIRE RESISTIVE RATINGS IN

AND THE COLLECTION OF CONDENSATION THEREON. IF IN DOUBT, CONTACT THE ENGINEERS.

COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS TO AVOID CONFLICT WITH

- 24. WHERE FIRE RATED CEILING ASSEMBLIES ARE NOTED, PROVIDE RATED, APPROVED GYPSUM BOARD ENCLOSURES ABOVE LIGHT FIXTURES, CEILING DEVICES, ETC., IN OR ON CEILING, TO MAINTAIN CEILING RATINGS.
- 25. COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, GAS OUTLETS, ETC., WITH ALL CASEWORK, KITCHEN EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC., PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE

30. WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED. 31. REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE GIVEN) FOR HEIGHTS AND MOUNTING RELATIONSHIP OF PRIOR TO ROUGHING-IN ANY WORK. 33. AS APPLICABLE, REFER TO ARCHITECTURAL PHASING PLANS AND PHASING BOUNDARIES ON THESE DRAWINGS

POINT

- PHASE TO PHASE.

- 36.
- IF UTILITY COMPANY REQUIRES A LONGER NOTIFICATION PERIOD, SO PROVIDE.
- REQUIREMENT.
- UNSWITCHED LINE.

- OWNER NEW FIXTURES AT OCCUPANCY. FIXTURE LENGTHS BY FIELD MEASUREMENT OF SOFFIT, AS NECESSARY.
- OUTLETS SHALL NOT BE INSTALLED IN THE SAME STUD SPACE, BUT SHALL BE SEPARATED BY A MINIMUM OF ONE STUD.
- SHALL APPLY.

GENERAL NOTE: THIS CONTRACTOR MUST REFER TO DIVISION 1 SPECIFICATIONS FOR ALLOWANCES THAT MUST BE INCLUDED BY THIS CONTRACTOR.

26. ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVED AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT. UNLESS WAIVED BY THE ENGINEER IN WRITING. 27. ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR SHALL BE INSTALLED CONTINUOUS INSOFAR AS POSSIBLE FROM TERMINAL POINT TO TERMINAL

INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC., IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING 28. ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO INSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE OR SUB-SERVICE FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC., OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORD WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORD WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.

29. ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING. SUPPORTING FROM CROSS BRACING OR ROOF DECK WILL NOT BE ALLOWED.

OUTLETS AND EQUIPMENT. IF IN DOUBT, CONTACT THE ENGINEER FOR DIRECTION PRIOR TO INSTALLING WORK. 32. FLUSH OR PEDESTAL - TYPE FLOOR OUTLETS, AS INDICATED ON PLAN SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE SHOWN ON PLANS. IF IN DOUBT, CONTACT THE ENGINEER

FOR SEQUENCING OF WORK, FULL EXTENT OF AREA INVOLVED, EXTENT OF CEILING WORK, ETC. PROVIDE TEMPORARY CONNECTIONS FOR CIRCUITS AND WORK AS REQUIRED TO MAINTAIN SEQUENCE OF THE WORK FROM

34. WHERE EXIT LIGHTS ARE CONNECTED TO EMERGENCY CIRCUITS WITH KEYSWITCH OR CONTACTOR CONTROL, AN UNSWITCHED LINE SHALL BE PULLED IN TO MAINTAIN THEIR OPERATION REGARDLESS OF SWITCH POSITION. 35. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORD WITH THE ARCHITECTS STANDARDS FOR SUCH WORK. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEERS FOR CLARIFICATIONS PRIOR TO INSTALLING ANY SUCH WORK. INTERRUPTION OF ANY EXISTING SERVICES SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR, UTILITY COMPANY AS NECESSARY, AND THE ARCHITECT, AT LEAST TWO WEEKS IN ADVANCE OF THE ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED, TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED TWO WEEKS IN ADVANCE, IN WRITING.

Switched —

37. LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT AND SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC., TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS 38. WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED THEY SHALL BE CONNECTED TO AN

39. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE 40. REFER TO ARCHITECTURAL DETAILS AS APPLICABLE FOR RECESSED SOFFIT FLUORESCENT FIXTURES. ADJUST 41. WHERE OUTLETS ARE LOCATED APPROXIMATELY BACK-TO-BACK ON OPPOSITE SIDES OF A PARTY WALL, THE

42. ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT

43. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED, IF IN DOUBT, CONTACT THE ENGINEERS FOR CLARIFICATION PRIOR TO INSTALLING ANY SUCH WORK. 44. DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.

		DEVCE MODEL 4 REFER TO SPECS. IF NONE LISTED	BACKBOX, COVER F APPLICABLE	MOUNTING HEIGHT (TO BOTTOM OF BOX)	DRAWING SYMBOL
SYSTEM SWITCHES	ITEM LIGHT SWITCH: GENERAL PURPOSE	집糕匠	政庁	₹Ĕ 44*	μ γ
	PILOT LIGHT SWITCH: (ILLUMINATED WHEN LOAD IS ON)			44"	Υ S _{PL}
	Dimmer Switch			44"	S D
	THREE-WAY SWITCH			44*	Ş ₃
	FOUR-WAY SWITCH			44 "	Ş₄
	Keyed Switch			44 "	Şĸ
	TIMMER SWITCH 0-15 MIN			44*	Ş _т
	MOMENTARY CONTACT SWITCH			44 *	Ş _{мс}
	LIGHT SWITCH W/ INTEGRAL INFRARED MOTION SENSOR AND AUTO/MANUAL ON/OFF OPERATION	NOVITAS #01-290		44 "	Ş _{md}
	OCCUPANCY SENSOR SWITCH	UNENCO P1R-1000P UNENCO		44"	Ş _{os}
	2 CIRCUIT OCCUPANCY SENSOR SWITCH	P1R-1000P AS		44"	ç
	FAN SPEED CONTROL SWITCH PHOTO-CELL AS NOTED	NOTED		44* AS	S _F (PC)
	CEILING MOUNTED DOME OCCUPANCY SENSOR			NOTED	[OS]
	CORNER MOUNTED DOME OCCUPANCY SENSOR				$\sqrt{\pi}$
IGHTING	FLUORSCENT WALL MOUNT	SEE SCHEDULE		7'0" or AS NOTED	
	2' X 2' FLUORSCENT TROFFER	SEE		CEILING	
	2' X 4' FLUORSCENT TROFFER	SEE		CEILING	
SHED INDICATES	DOWNLIGHT	SEE		CEILING	0
RECESSED DING INDICATES	INDUSTRIAL STRIP FIXTURE	SEE SCHEDULE		CEILING	⊢−○−− 1
MERGENCY PERATION	EXIT LIGHT – CEILING MOUNT, WALL MOUNT (SHADED AREA REPRESENTS FACE OF EXIT SIGN)	SEE SCHEDULE	MINIMUM 8'-0" A.F.F.	AS NOTED	€ , €
URE TO BE	UNDERCABINET	SEE SCHEDULE		AS NOTED	├── ┥
INTCHED FOR TILIGHTING	LINEAR DIRECT/INDIRECT	SEE SCHEDULE			
	LIGHTING RELAY	SEE SCHEDULE		AS NOTED	
ure to be Tched/Unswitched Ht lighting	EMERGENCY LIGHT BATTERY			+	Ľ
	<u>Note:</u> For corridor Night Light Fixtures (same as Bi—level switch w/ 50% Night Light				
OWER DUTLETS	SIMPLEX			1'-4"	\ominus
	DUPLEX - SAFETY TYPE			1'-4"	⊖−s
	DUPLEX			1'-4"	⊕
	DUPLEX (ABOVE COUNTERTOP) *WHEN NOT ASSOCIATED WITH CASEWORK			8" A.C.T. (or 44")*	Ø
	DUPLEX WITH INTEGRAL GROUND FAULT PROTECTION			1'-4"	GFI
	GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER IF LIGHTING CIRCUIT IS 277V)			44"	⊖ c/s
				1'-4" AS	⊕
	JUNCTION BOX 	HUBBELL		NOTED	\bigcirc
	208/1 DRYER RECEPTACLE, NEMA 14-30R 208/3 RECEPTACLE, AS NOTED	#9430A		1'-4"	€
	DUPLEX - IN KITCHEN (ABOVE FLOOR)			FLOOR	€
	DUPLEX - SURGE SUPPRESOR TYPE			1'-4"	⊖ss
	DUPLEX - WITH LOCKABLE, DIE CAST WEATHERPROOF COVER (INTERMATIC #WP1010MC OR APPROVED EQUAL)			24 *	
	2-GANG RECESSED, MULTI-SERVICE FLOOR BOX FOR INSTALLATION IN WOOD FLOORING. PROVIDE FLOOR OUTLET WITH LIFT LID FOR OUTLET ACCESS. UNIT SHALL HOUSE ONE DUPLEX OUTLETS, AND ONE MICRO-PHONE OUTLET. FLOOR BOX SHALL BE WALKER # 880W2-827B- 828R/828GFI(MIC) OR APPROVED EQUAL PROVIDE COMPLETE WITH BRASS FLANGE AND NECESSARY ACCESSORIES.			FLOOR	
	DUPLEX RECEPTACLE IN FLOOR				۰P
	QUADRUPLEX RECEPTACLE IN FLOOR				• QP
NSC	Conduit concealed in walls or in above Ceiling: Arrow(s) indicate(s) home run & # of circuits: hashmarks indicate # of conductors				PHAS NEUT
	DASHED LINES INDICATED CONDUIT SHALL BE ROUTED UNDERSLAB OR AS OTHERWISE NOTED. (SEE SPECIFICATIONS. FOR DETAILS)				\frown
	DISCONNECT SWITCH			5'-0*	
	MAGNETIC STARTER			5'-0"	\boxtimes
	MAGNETIC COMBINATION STARTER			5'-0"	∑ī —
	ENCLOSED FLUSH MTD. CIRCUIT BREAKER			5'-0"	
	PUSHBUTTON STATION FLEXIBLE CONDUIT (SEE SPECIFICATIONS FOR TYPES			44 "	•
	PERMITTED)			76 °	
	NORMAL PANELBOARD, SURFACE OR FLUSH MOUNTED			TO TOP AS	
	MANUAL MOTOR STARTER - STARTER SWITCH	SQUARE D		NOTED AS	r Sm
	EMERGENCY POWER CIRCUIT	CLASS 2510		NOTED	Υм — е —
	Equipment # Indicator			+	0
	TAGGED NOTE				\bigcirc
	3/4" EMT CONDUIT (U.O.N.) STUB UP ABOVE SUSPENDED CEILING (SEE DETAILS) MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)				5 - ⊖
	TERMINAL CABINET SURFACE OR FLUSH MOUNTED AS NOTED				
	CABLE TRAY AS NOTED	SEE DETAILS			
	BRIDLE RING / HOOK CABLE PATH	SEE DETAILS		\parallel	
	DOORBELL PUSHBUTTON (NU-TONE)	AS NOTED		44"	DB
	DOOR BELL AUDIO/VISUAL (NU-TONE)	AS NOTED		8'-0"	БВр
	EQUIPMENT HARDWARE CONNECTION (SEE DETAIL)			$\left \right $	
	EQUIPMENT OUTLET COUPLING CONNECTION (SEE				A
	DETAIL)			+	«) ∿ к ∧
		AS		44"	

SYSTEM	ПЕМ	DEVICE MODEL 4 REFER TO SPECS. IF NONE LISTED	BACKBOX, COVER IF APPLCABLE	MOUNTING HEIGHT (TO BOTTOM OF BOX)	DRAWING SYMBOL
DATA/VOICE/VIDEO	DATA OUTLET: NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA JACKS THAT TELECOMMUNICATIONS VENDOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED, THERE SHALL BE ONLY ONE DATA JACK.		1G	1'-4"	$\bigtriangledown, \bigtriangledown, \bigtriangledown, \bigtriangledown, \bigtriangledown$
	VOICE OUTLET: NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS THAT TELECOMMUNICATIONS VENDOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED, THERE SHALL BE ONLY ONE VOICE JACK.		16	1'-4"	$\checkmark, \checkmark, \checkmark, \checkmark, \checkmark, \checkmark, \checkmark, \checkmark, D = DATA V = VOICE T = TELEVISION$
	COMBINATION OUTLET: NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA/VOICE JACKS THAT TELECOMMUNICATIONS VENDOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED, THERE SHALL BE ONLY ONE DATA AND ONE VOICE JACK.		16	1'-4"	▼ , V
	WIRELESS ACCESS POINT OUTLET - INSTALL ABOVE ACCESIBLE CEILING (MAXIMUM 12" ABOVE CEILING TILE)			FLOOR	$\overset{WAP}{\bigtriangledown}$ \odot^{V} , \odot^{D}
	DATA/VOICE OUTLET IN FLOOR AS NOTED. TELEVISION/VIDEO SYSTEM OUTLET AND DUPLEX POWER RECEPTACLE (84" IF WALL BRACKET SHOWN)		2G	1'-4"	$\stackrel{T}{\Phi}, \stackrel{2T}{\Phi}, \stackrel{3T}{\Phi}$
	COMMUNICATION ROUGH-IN ONLY PROVIDE BLANK COVER PLATE				₩ →
	SPECIAL VIDEO SYSTEM SIGNAL INPUT			ABOVE	$\mathbf{\nabla}$
				CENTER 4'-0"	c w
	OUTLET: WALL MOUNTED OUTLET (VOICE ONLY): PAYPHONE TYPE		AS REQUIRED	AS REQUIRED	PAY
	MAIN DISTRIBUTION FRAME RACK - REFERENCE DATA SYSTEM SCHEMATICS AND DETAILS. FOR			INE QUINED	
	ADDITIONAL INFORMATION PER REQUIREMENTS.				MDF
	DETAILS. FOR ADDITIONAL INFORMATION PER REQUIREMENTS. TELECOMMUNICATIONS SYSTEM BACKBOARD.				IDF
	PROVIDE 4'-0"H X 3/4"D FIRE-RETARDENT PLYWOOD BACKBOARD WITH A #6 GROUND TO C.W. LINE AND A 6'-0" PIGTAIL AT BOARD. (LENGTH OF BOARD AS INDICATED).				TEL
PAGING/CLOCK	PAGING SPEAKER (CEILING) ASSEMBLY			CEIL.	\$
	PAGING SPEAKER (CEILING) ASSEMBLY WITH INTEGRAL VOLUME CONTROL			CEIL.	
	WALL MOUNTED RECESSED PAGING SPEAKER			CEIL. 9'-0"	
	WALL MOUNTED PAGING HORN WALL VOLUME CONTROL			9 -0 44"	K§X K⊗
	PAGING MICROPHONE INPUT			1'-4"	Kŵ>
	CALL INITIATION STATION			44"	ю
	DOUBLE FACE ANALOG CLOCK				Ð
	SINGLE FACE ANALOG CLOCK				•
	SINGLE FACE DIGITAL CLOCK - ON WALL DOUBLE FACE DIGITAL CLOCK - END MOUNTED ON				+ 2DC
	WALL P.A./TELE-CENTER/CLOCK SYSTEM RACK				PA-C
LOCAL SOUND AMPLIFICATION	WALL MICRO-PHONE OUTLET: SINGLE			1'-4"	(M)
	wall micro-phone outlets (# as noted)			1'-4"	M 2 , M 3 , M 4
	FLOOR MICRO-PHONE OUTLET: SINGLE			FLOOR	⊙м
	Floor Micro-Phone Outlets (# As Noted)			FLOOR CEIL.	⊙ _{M2} ,⊙ _{M3} ,⊙ _{M4} (ss)
	CAFETERIA SOUND SYSTEM AMPLIFIER			78" TO TOP	
	gymnasium sound system amplifier			78" To Top	AMP-G
FIRE ALARM	MAIN CONTROL PANEL CENTRAL PROCESSING UNIT (CPU)			6-6" TO TOP 42"	FACP
	PULL STATION: SINGLE ACTION			42 TO LEVER 44"	
	PULL STATION: DOUBLE ACTION ELECTRONIC CHIME / ADA STROBE			to lever	F ² F (
	HORN UNIT ONLY				
	STROBE UNIT ONLY				S
				CEIL.	
	PHOTO-ELECTRIC SMOKE DETECTOR/HEAT DETECTOR FOR ELEVATOR CONTROL			CEIL.	SD EL , HD EL
	HEAT DETECTOR HEAT DETECTOR: 200' - RATE OF RISE			CEIL. CEIL.	НD НD 200°
	CEILING SPEAKER WITH FIRE LABEL			CEIL.	VC
	DOOR HOLDER: WALL TYPE			7'-0"	DH
	DOOR HOLDER: CLOSURE TYPE			ABV. DOOR	DHC
	DUCT SMOKE DETECTOR	 		BY Mech. As	
	ADDRESSABLE MODULE CONNECTION TO SPRINKLER TAMPER SWITCH WITH			REQUIRED AS REQUIRED	TS
	ADDRESSABLE MODULE PRESSURE SWITCH			INE QUIKED	PS
	POST INDICATOR VALVE				PIV
	REMOTE L.C.D. ANNUNCIATOR			48″ TO CENTER	FAA
	ADA STROBE LIGHT WITH "FIRE" LABEL	BOARD		م_ 8"	MOUNT 80" ABOVE
	REMOTE "CRT" COMMAND STATION PRINTER REMOTE REPORTING TELEPHONE DIALER			ACT. AS	CRT CELLING (WHICHEVE CELLING (WHICHEVE IS LOWER)
	INDICATES NEW DEVICE IN EXISTING LOCATION			REQUIRED	
	FLUSH-MOUNTED REMOTE ALARM INDICATING STATION				×

		DEVICE MODEL # RETER TO SPECS. F NONE LISTED	BACKBOX, COVER F APPLCABLE	Mounting Height (To Bottom of Box)	DRAWING SYMBOL
<u>SYSTEM</u> SURFACE WIREWAY	TTEM THICK "STRAIGHT" LINES INDICATE SURFACE PAINTED STEEL WIREWAY (PAINT TO MATCH ADJACENT SURFACES). UTILIZE THE FOLLOWING WIREMOLD (OR			20	<u> </u>
	EQUAL) SÉRIES # RACEWAYS FOR THE FOLLOWING APPLICATIONS (U.O.N.) — FOR A 40% MAXIMUM FILL:				
	Power (3 circuits maximum): #700 (9 circuits maximum): #2100				2D
	DATA/VOICE (4 CABLES MAXIMUM): #700 DATA/VOICE (8 CABLES MAXIMUM): #2000 DATA/VOICE (10 CABLES MAXIMUM): #2100				<u> </u>
	THE ABOVE CABLES ARE BASED ON .21" O.D. ON DATA/VOICE CABLE NUMBERS - EACH OUTLET SHALL BE COUNTED AS FOUR CABLES.				
	SURFACE WIREWAY OUTLET BOX FOR OUTLET INDICATED OR JUNCTION BOX. OUTLET BOX SHALL BE 2-1/2" DEEP AT A MINIMUM.				
	SURFACE VERTICAL RACEWAY RISER UP WALL (OR DOWN IF INDICATED) TO ACCESSIBLE CEILING/ATTIC				\boxtimes
	SPACE (UP TO HORIZONTAL WIREWAY WHERE INDICATED). WHERE SHOWN WITH OUTLET, PROVIDE WITH OUTLET BOX AT BASE OF VERTICAL RISER.				OR
	SURFACE PLUG-MODE AS NOTED				
	DUAL SERVICE NONMETALLIC SURFACE MOUNTED RACEWAY (WIREMOLD #5400 SERIES OR APPROVED EQUAL). PROVIDE RACEWAY COMPLETE WITH "IN-LINE" WIRING DEVICES AS INDICATED ON FLOOR PLANS. PROVIDE OFFSETS, COVERS (TWIN SNAP), ENTRANCE				
	AND END FITTINGS, TRANSITIONS, ELBOWS, "TEE'S", ETC., AS REQUIRED FOR COMPLETE INSTALLATION. ALL 90 DEGREE BENDS SHALL BE ACCOMPLISHED WITH "FULL CAPACITY RADIUS ELBOWS" (WIREMOLD #6417F0/#5418 OR APPROVED EQUAL). COLOR SHALL BE SELECTED BY ARCHITECT AT TIME OF SUBMITTAL FROM MANUFACTURER STANDARDS.			26" TO TOP OF RACEWAY	_ <u></u>
	"IN-LINE" DUPLEX RECEPTACLE - PROVIDE AND INSTALL DEVICE IN RACEWAY COMPLETE WITH "TWIN SNAP COVER DEVICE BRACKET" (WIREMOLD #5450T OR APPROVED EQUAL).			26" TO TOP OF RACEWAY	
	"IN-LINE" DUAL DATA OUTLET - PROVIDE AND INSTALL DEVICE IN RACEWAY COMPLETE WITH "TWIN SNAP COVER DEVICE BRACKET" (WIREMOLD #5450T OR APPROVED EQUAL), DUAL RJ-45 FACEPLATE WIREMOLD #5507FRJ OR APPROVED EQUAL, AND RJ-45 DATA JACKS AS DESCRIBED IN DIVISION 16 SPECIFICATIONS).			26" TO TOP OF RACEWAY	2D
	SURFACE MOUNTED SERVICE ENTRY FOR BOTH DATA (D) AND 120V POWER (P) - PROVIDE "TEE" (WIREMOLD #5415 OR APPROVED EQUAL) OR "ELBOW" (WIREMOLD #5411 OR APPROVED EQUAL) TO TRANSITION TO VERTICAL RUN OF SURFACE RACEWAY AND EXTEND SURFACE RACEWAY TO 6" ABOVE ACCESSIBLE CEILING SPACE AND TRANSITION TO CONDUIT WITH "END CAP" (WIREMOLD #5411 OR APPROVED EQUAL). COORDINATE CUTTING OF LAY-IN CEILING TILES WITH GENERAL CONTRACTOR AS REQUIRED.				DP
	RECESSED SERVICE ENTRY FOR BOTH DATA (D) AND 120V POWER (P) - DIVIDED SERVICE ENTRY END PIECE (WIREMOLD #5410DFO OR APPROVED EQUAL) AT END OF RACEWAY. PROVIDE TWO (2) 1-1/4" DATA CONDUIT "STUB-OUTS" AND ONE (1) 1" CONDUIT FEED FOR 120V ELECTRICAL POWER.				ØP
SECURITY	NOTE: FEED ALL INTRUSION SYSTEM DEVICES VIA A FLUSH MOUNTED OUTLET BOX WITH 3/4" STUB-OUT TO BRIDLE RING SYSTEM. PROVIDE INSULATED THROAT BUSHING ON STUB-OUT. PULL DEVICE CABLE THROUGH RINGS BACK TO CONTROL PANELS. ALL SECURITY SYSTEM CABLING AND DEVICE LOCATIONS SHALL BE VERIFIED WITH THE OWNER PRIOR TO ROUGH-IN WORK.				 ⟨S) ⟨S)
	NEW CEILING MOUNTED INTRUSION DETECTOR. LOCATED AT LEAST 24" AWAY FROM ANY AIR DIFFUSER. (DETECTION SYSTEMS #DS9360)				
	KEYPAD STATION. FLUSH-MOUNTED WITH CENTERLINE AT 54" A.F.F (ARITECH Z1100R KEYPAD - SEE SPECIFICATIONS)				K
	CARD READER				CR
	DOOR ALARM CONTACT SWITCH				DA
	NEW CEILING MOUNTED "DOME" TYPE CCTV. CAMERA SHALL BE STANDARD RESOLUTION B & W CAMERA WITH "SMOKED DOME" (PELCO #CS150 OR APPROVED EQUAL) NEW CAMERAS TO BE CONNECTED TO "SPARE" INPUTS ON EXISTING MULTIPLEXER. PROVIDE NEW CABLING, POWER SUPPLIES, ETC., TO ADD TO EXISTING CCTV				\odot
ABBREVIATIONS	SYSTEM.	├ ──		╉╌┨	
	UNLESS OTHERWISE NOTED 			+	UON OFCI
	Owner Furnished, owner installed			╉╌┨	OFOI
	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED			+	CFCI
	CONTRACTOR FURNISHED, OWNER INSTALLED			+	CFOI
	INDICATES EMERGENCY POWER				E, EM

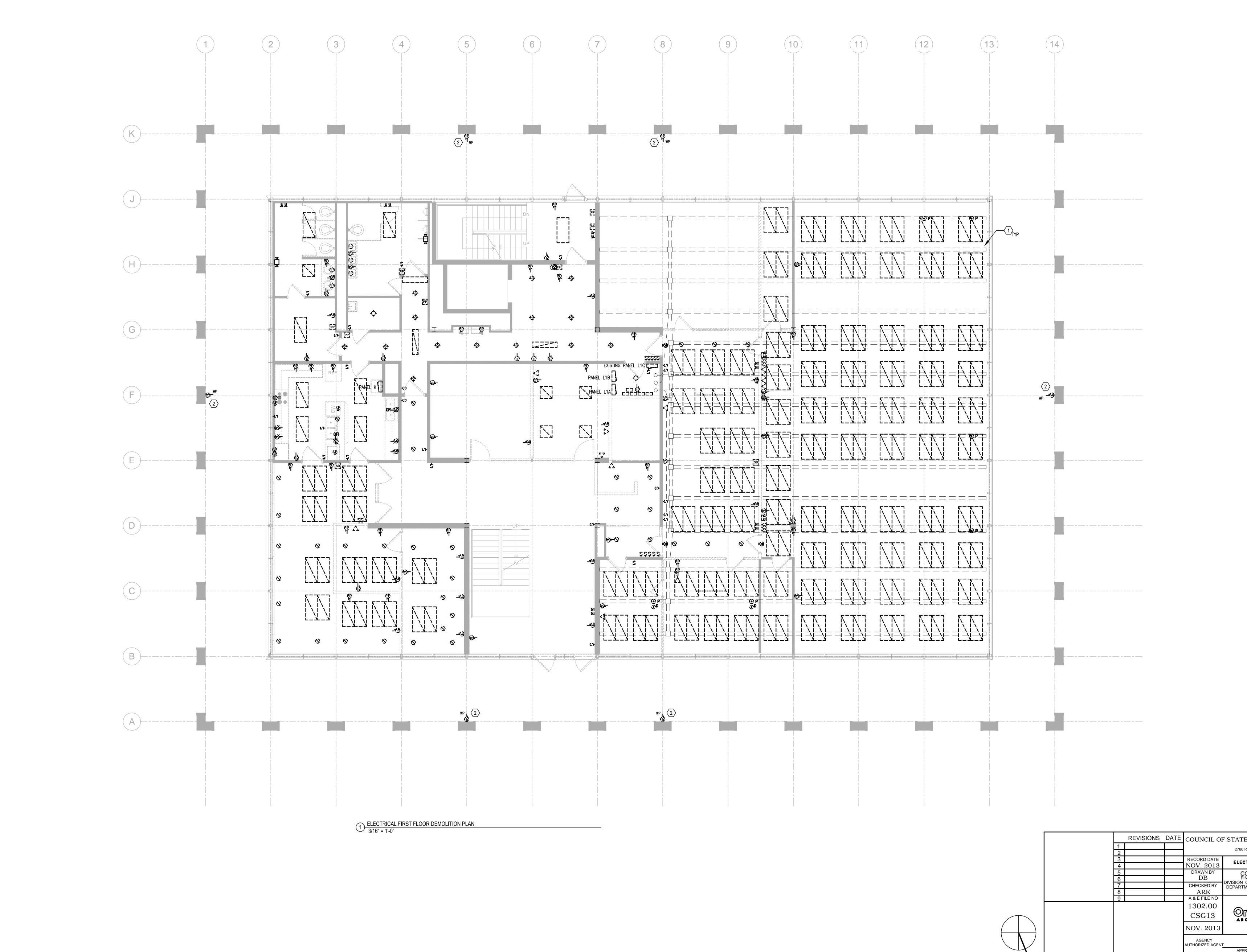
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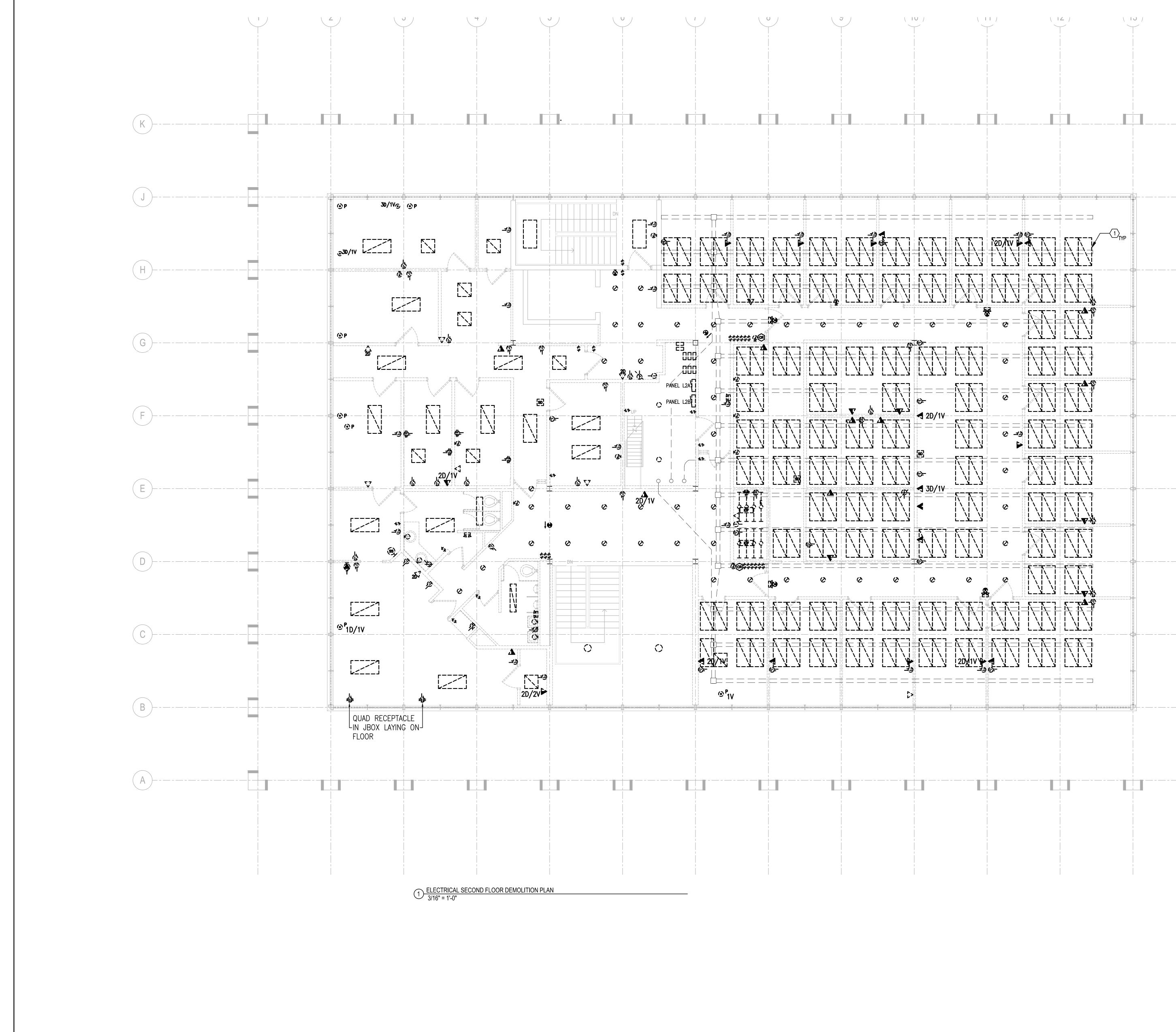
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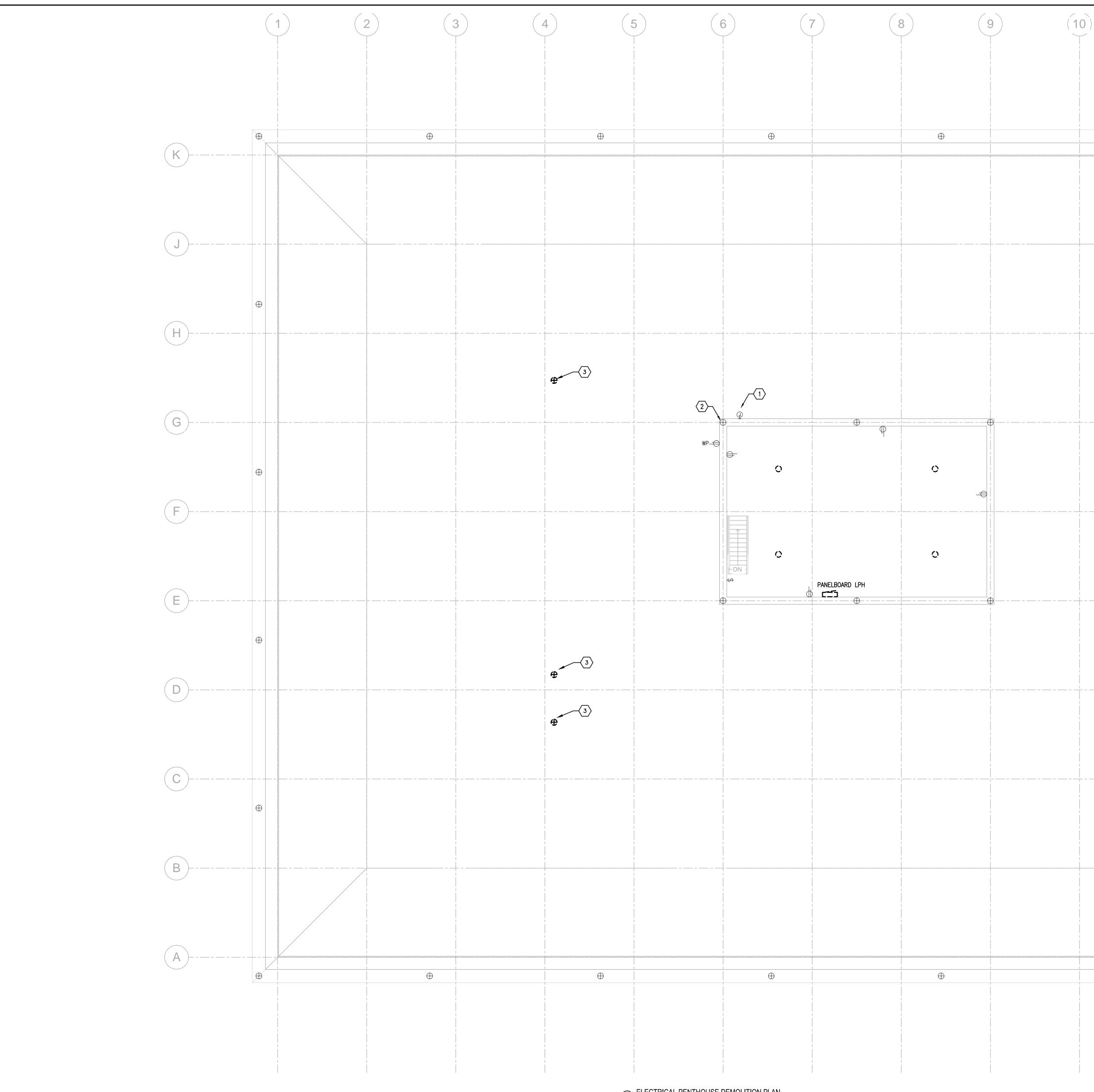


	GENERAL NOTES:
	A. UNLESS OTHERWISE NOTED, ALL ELECTRICAL, LIGHTING AND LOW VOLTAGE EQUIPMENT, WIRING, DEVICES, ETC. SHALL BE REMOVED IN THEIR ENTIRETY. REMOVE ALL UNUSED ACCESSIBLE PATHWAYS AND SUPPORTS.
	UNUSED AUGESSIDEL FAITIMATS AND SUFFURIS.
	TAGGED NOTES:X1.REMOVE ALL WIRING AND DEVICES FROM IN FLOOR RACEWAY.
	2. REMOVE EXISTING DEVICE AND CONDUCTORS. EXISTING BOX AND CONDUIT IS TO BE REUSED. REFER TO NEW WORK PLANS.
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REVISIONS DATE C	COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING 2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511
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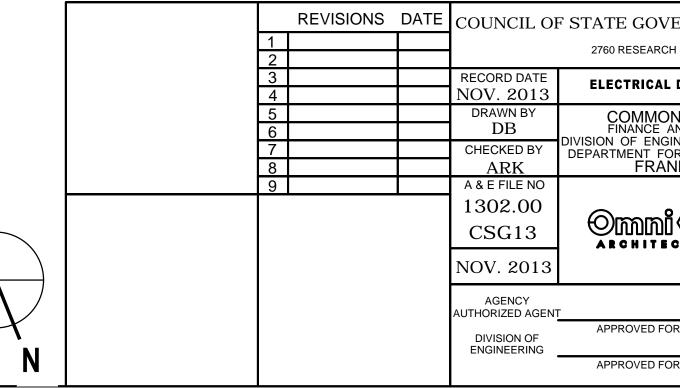
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GENERAL NOTES: A. UNLESS OTHERWISE N LOW VOLTAGE EQUIPN REMOVED IN THEIR E ACCESSIBLE PATHWAY	Noted, all electrical, lightin Ment, Wiring, Devices, etc. Sh Intirety. Remove all Unused 'S and Supports.	g and All be
TAGGED NOTES: 1. REMOVE ALL WIRING	and devices from in floor i	X RACEWAY.
STATE GOVERNMEN 2760 research park drivi Electrical demolitio		2S BUILDING DRAWING NO
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ENAME: F:\ACAD\CSG13\ELEC\CSG13-E2.3.DWG DT TIME: Oct 29 2013 12:18:41 PM DT RY: JAY PATEI 1 ELECTRICAL PENTHOUSE DEMOLITION PLAN 3/16" = 1'-0"

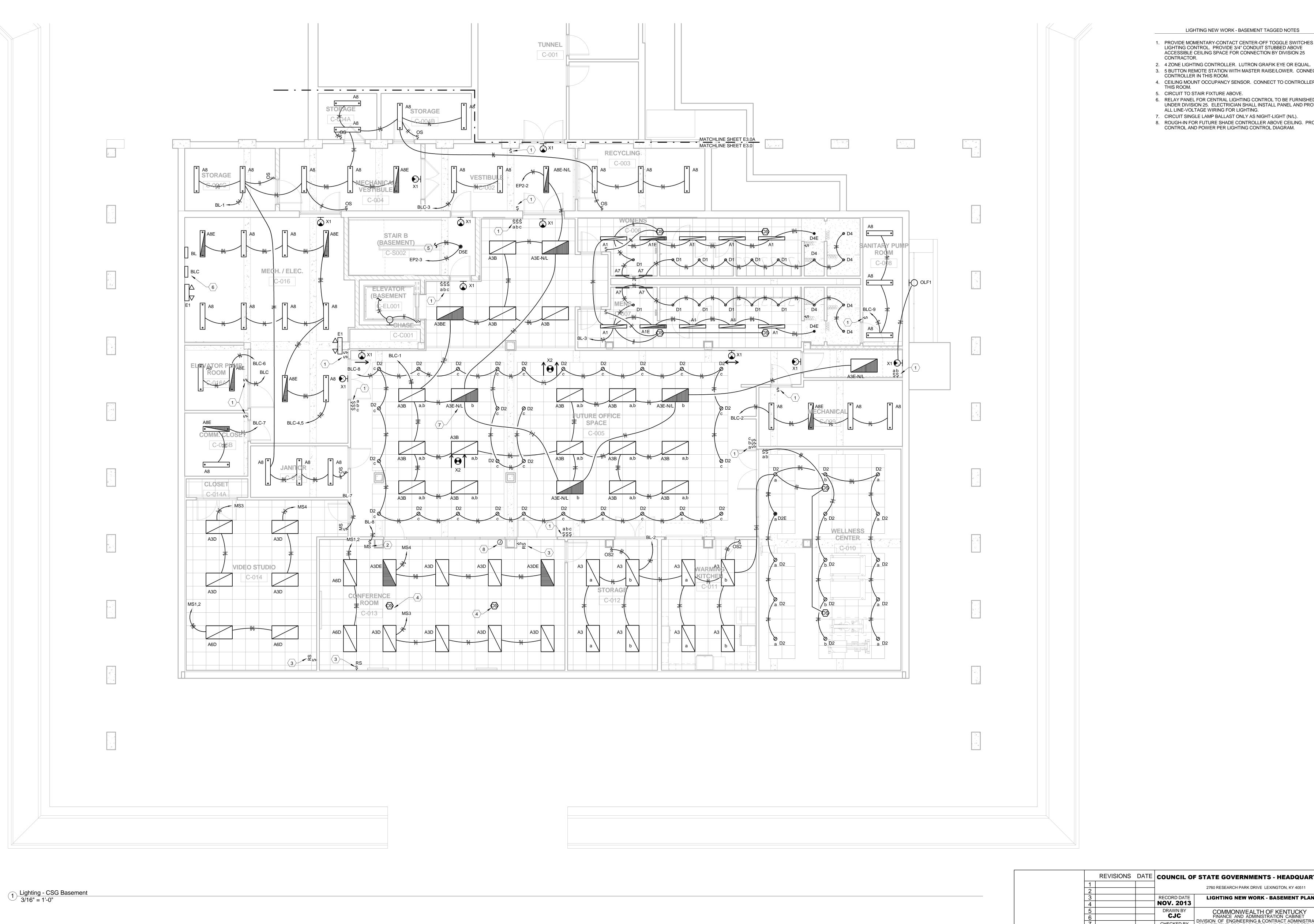
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Đ				<u>General Notes:</u> A. Unless otherv Low Voltage e Removed in th Accessible pa	NISE 2QUIF 1EIR THW/
				TAGGED NOTES: 1. EXISTING SATELI 2. EXISTING LIGHTN 3. REMOVE AIR TEL THIS PROJECT.	NING
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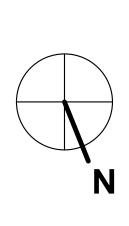


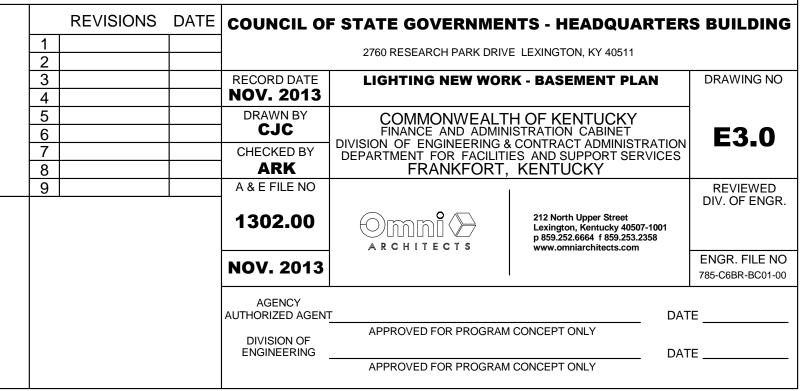
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UIPMENT, WIRING, DEVICES, ETC. SHALL BE	
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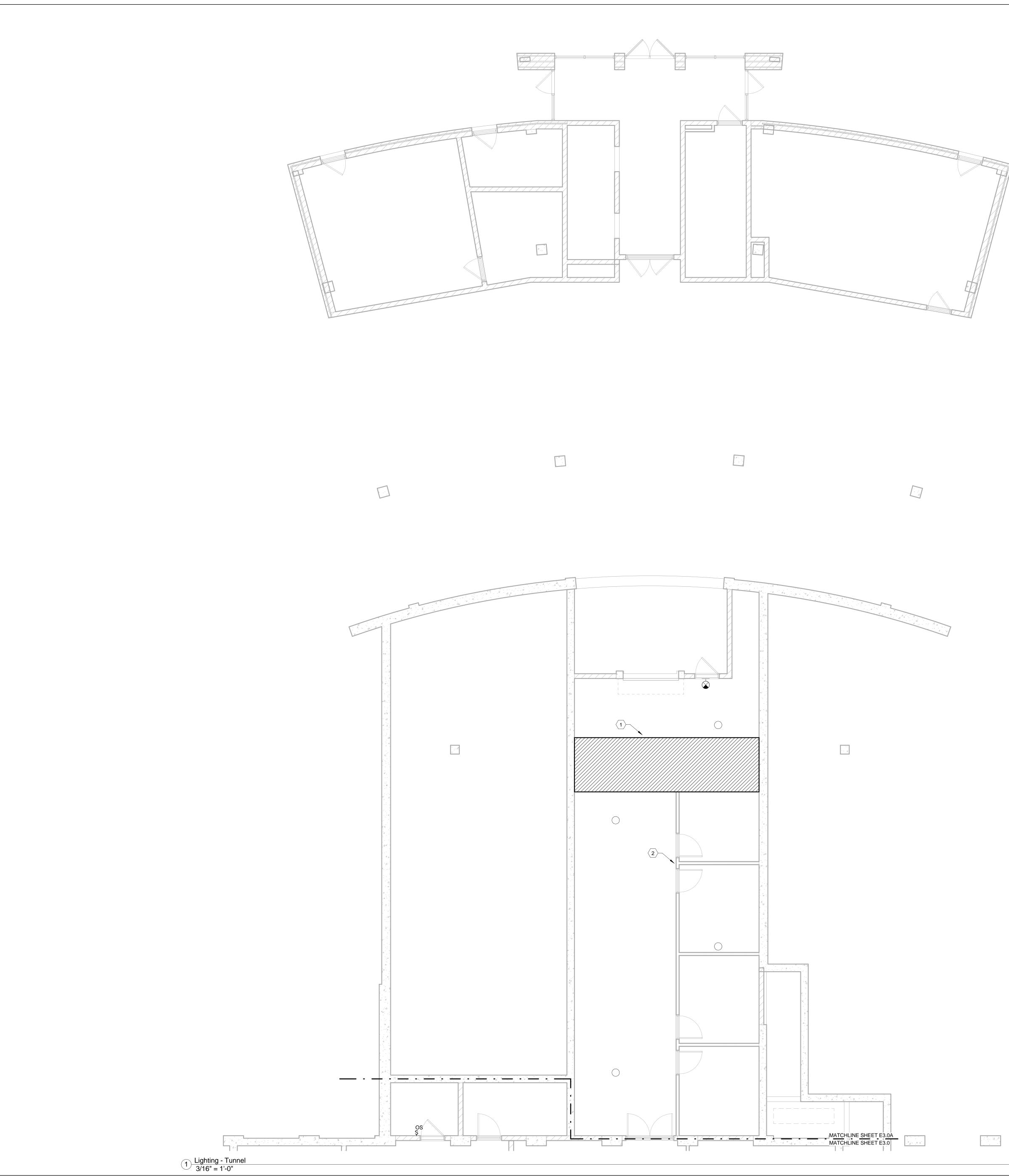
LIGHTING NEW WORK - BASEMENT TAGGED NOTES

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

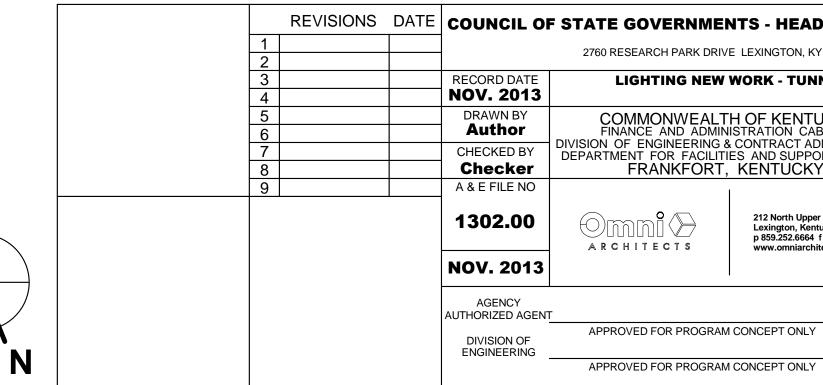
 5 BUTTON REMOTE STATION WITH MASTER RAISE/LOWER. CONNECT TO CONTROLLER IN THIS ROOM. CEILING MOUNT OCCUPANCY SENSOR. CONNECT TO CONTROLLER IN THIS ROOM.

 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. 8. ROUGH-IN FOR FUTURE SHADE CONTROLLER ABOVE CEILING. PROVIDE CONTROL AND POWER PER LIGHTING CONTROL DIAGRAM.

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- 2. LOCATION OF FUTURE CONSTRUCTION. ROUTE ALL NEW WORK TO CLEAR PLANNED WALLS AS SHOWN.



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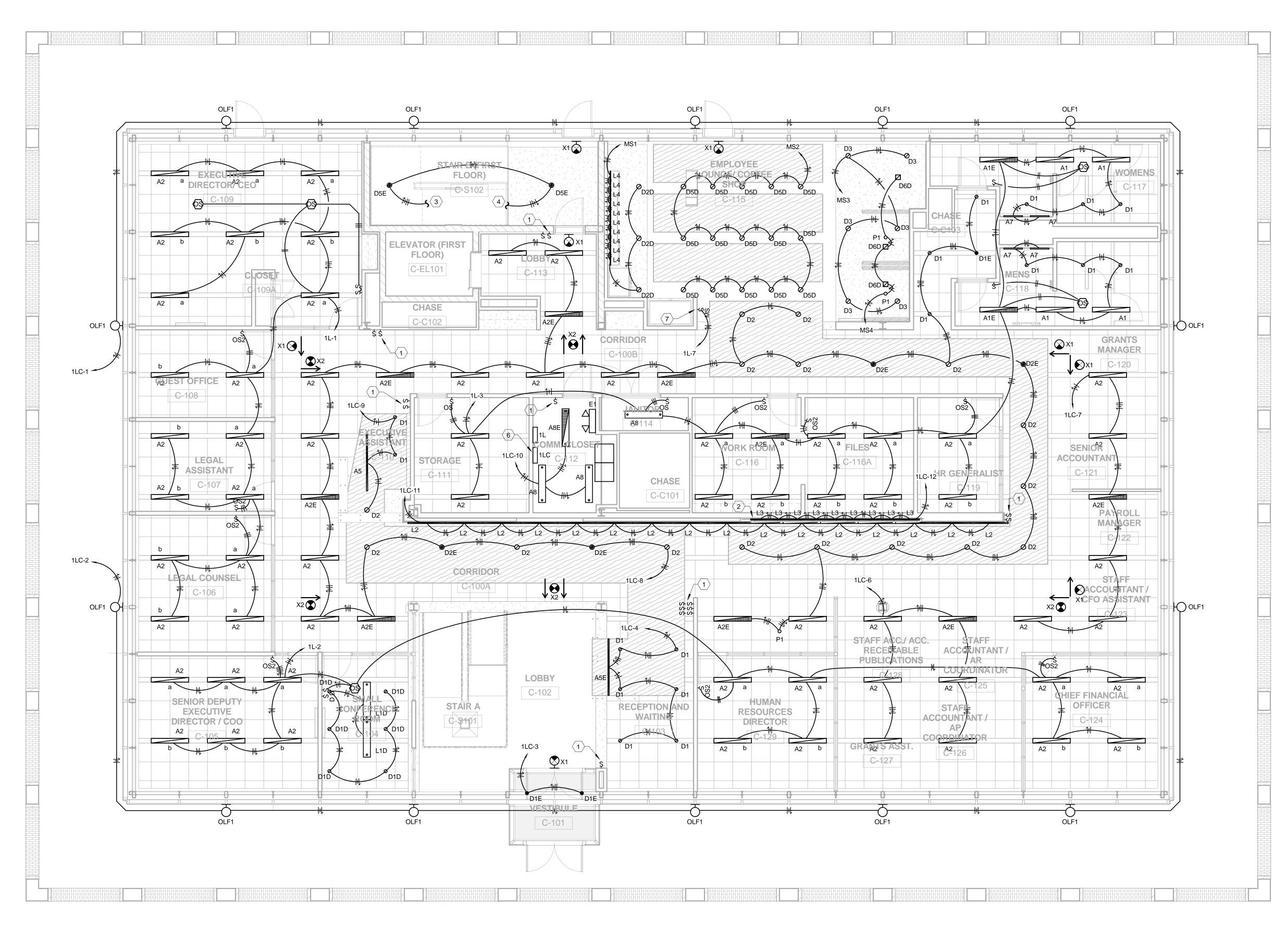
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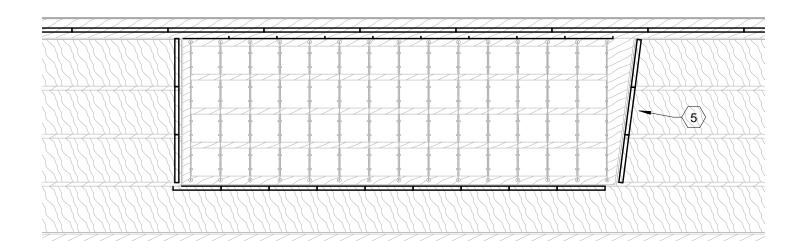
2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511 LIGHTING NEW WORK - TUNNEL

REVISIONS DATE COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING

LIGHTING NEW WORK - TUNNEL TAGGED NOTES CONTRACTOR SHALL REMOVE AND REINSTALL EXISTING LIGHTING, CONDUIT, BOXES, ETC REQUIRED FOR ROOF STRUCTURE DEMOLITION. REFER TO STRUCTURAL PLANS FOR EXTENT OF WORK.



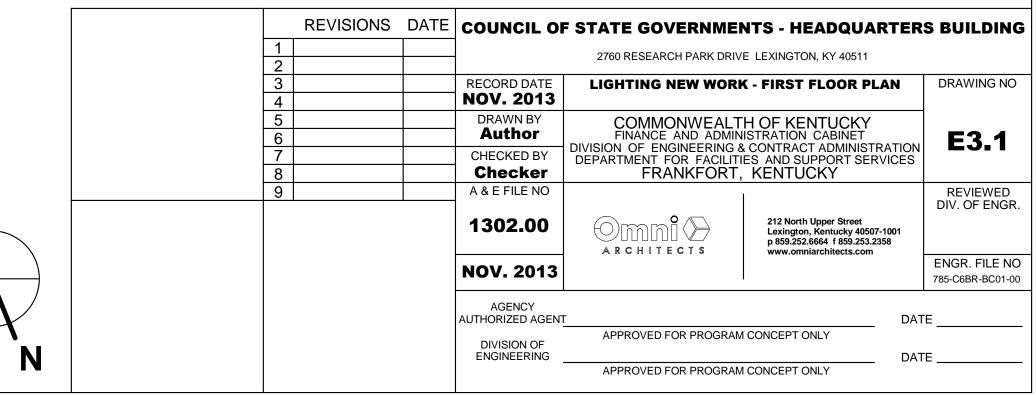
 $^{1 \}frac{\text{Lighting - CSG First Floor}}{3/16" = 1'-0"}$



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

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.
- DETAILS.
- ALL LINE-VOLTAGE WIRING FOR LIGHTING.
- 7. 6 ZONE LIGHTING CONTROLLER. LUTRON GRAFIK EYE OR EQUAL.

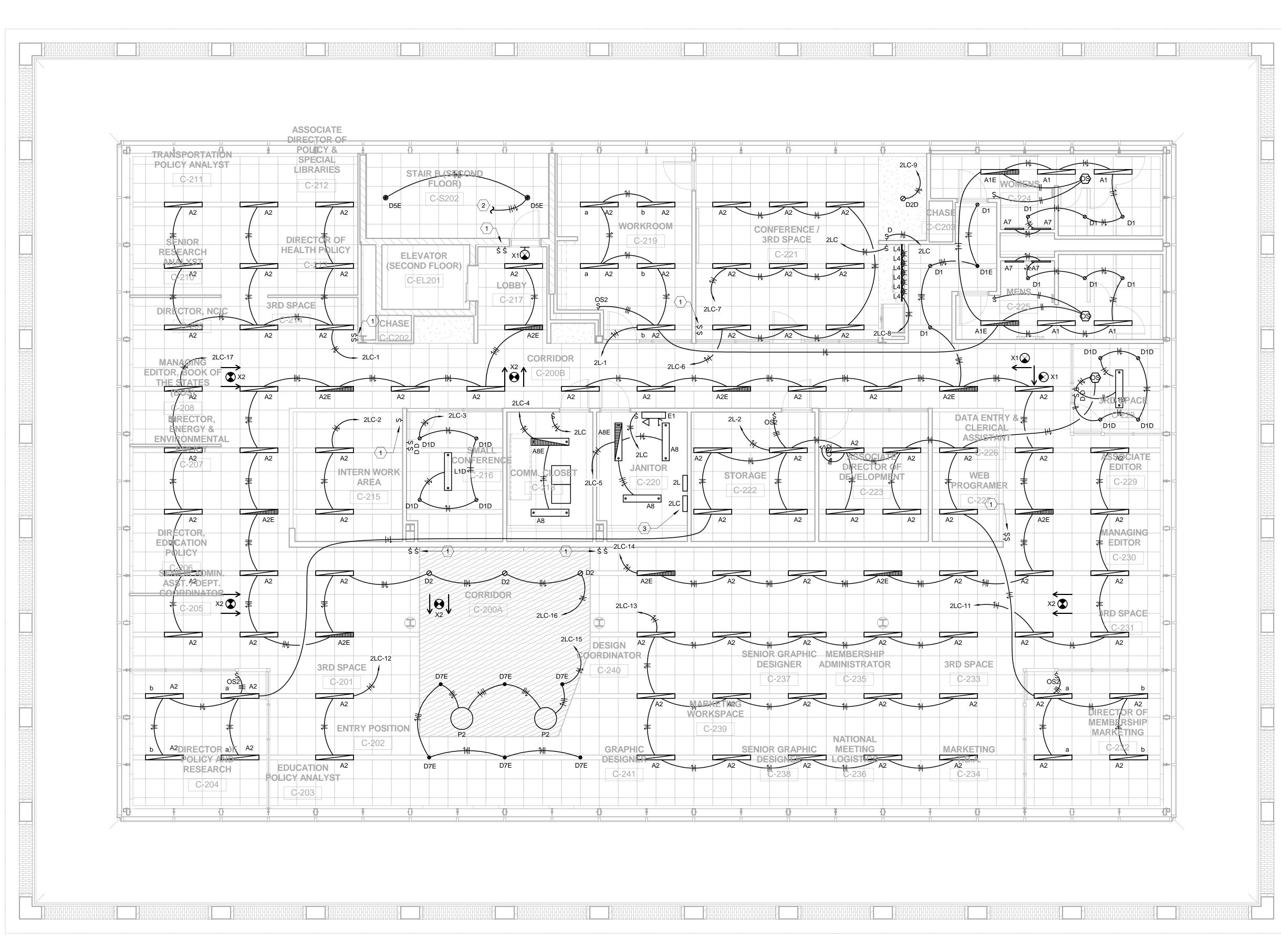


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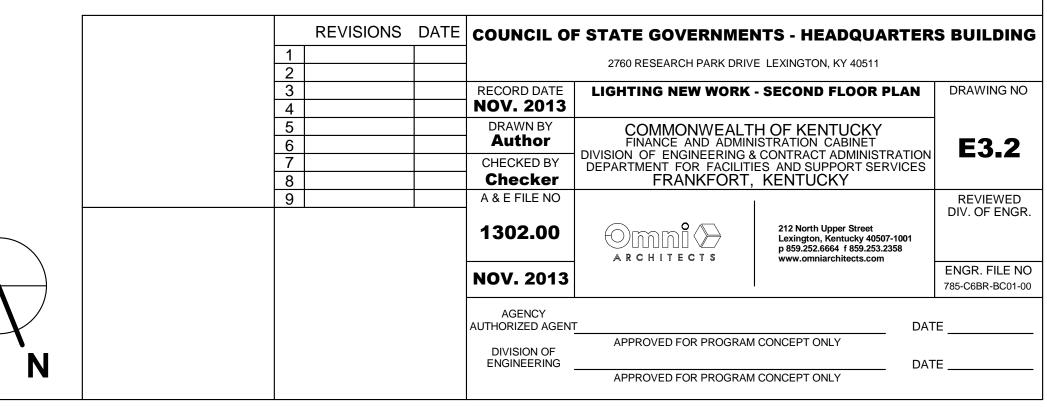
5. REFER TO ARCHITECTURAL PLANS AND SHEET E6.0 FOR MOUNTING 6. RELAY PANEL FOR CENTRAL LIGHTING CONTROL TO BE FURNISHED UNDER DIVISION 25. ELECTRICIAN SHALL INSTALL PANEL AND PROVIDE

$1 \frac{\text{Lighting - CSG Second Floor}}{3/16" = 1'-0"}$



LIGHTING NEW WORK - SECOND FLOOR TAGGED NOTES

- CONTRACTOR. 2. CIRCUIT TO STAIR FIXTURE BELOW.

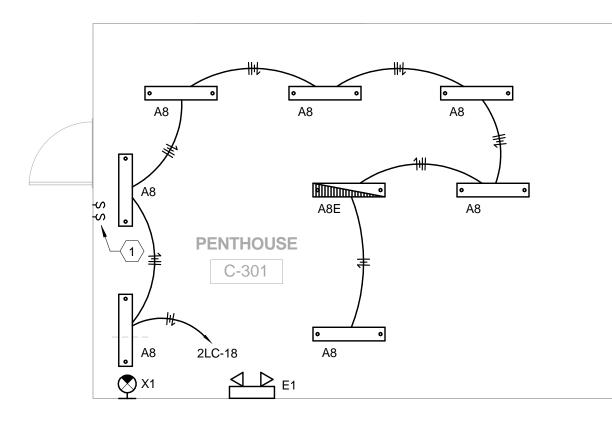


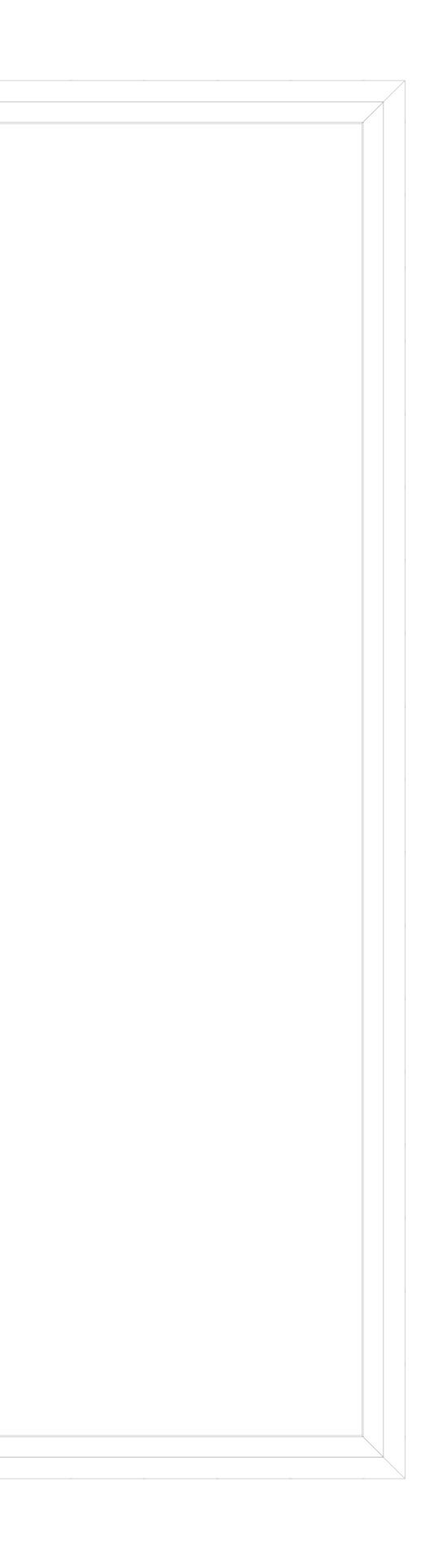
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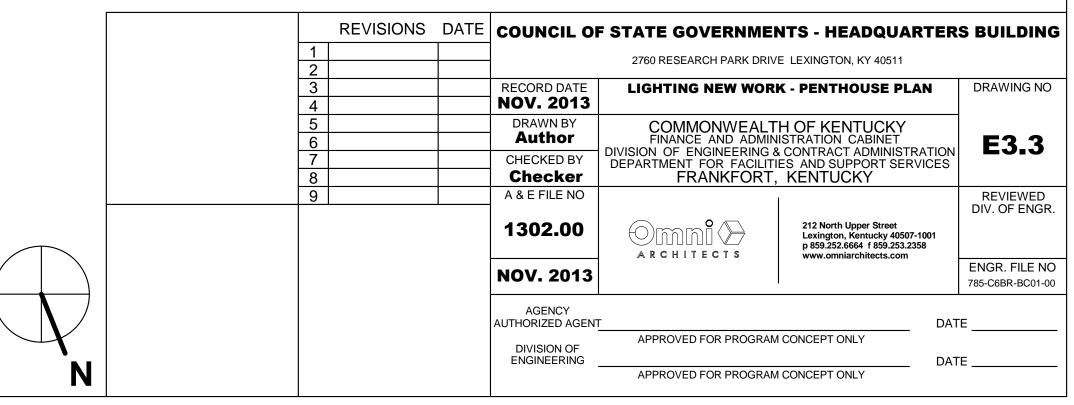
1. PROVIDE MOMENTARY-CONTACT CENTER-OFF TOGGLE SWITCHES FOR LIGHTING CONTROL. PROVIDE 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE FOR CONNECTION BY DIVISION 25 RELAY PANEL FOR CENTRAL LIGHTING CONTROL TO BE FURNISHED UNDER DIVISION 25. ELECTRICIAN SHALL INSTALL PANEL AND PROVIDE ALL LINE-VOLTAGE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



 $1 \frac{\text{Lighting - CSG Penthouse}}{3/16" = 1'-0"}$



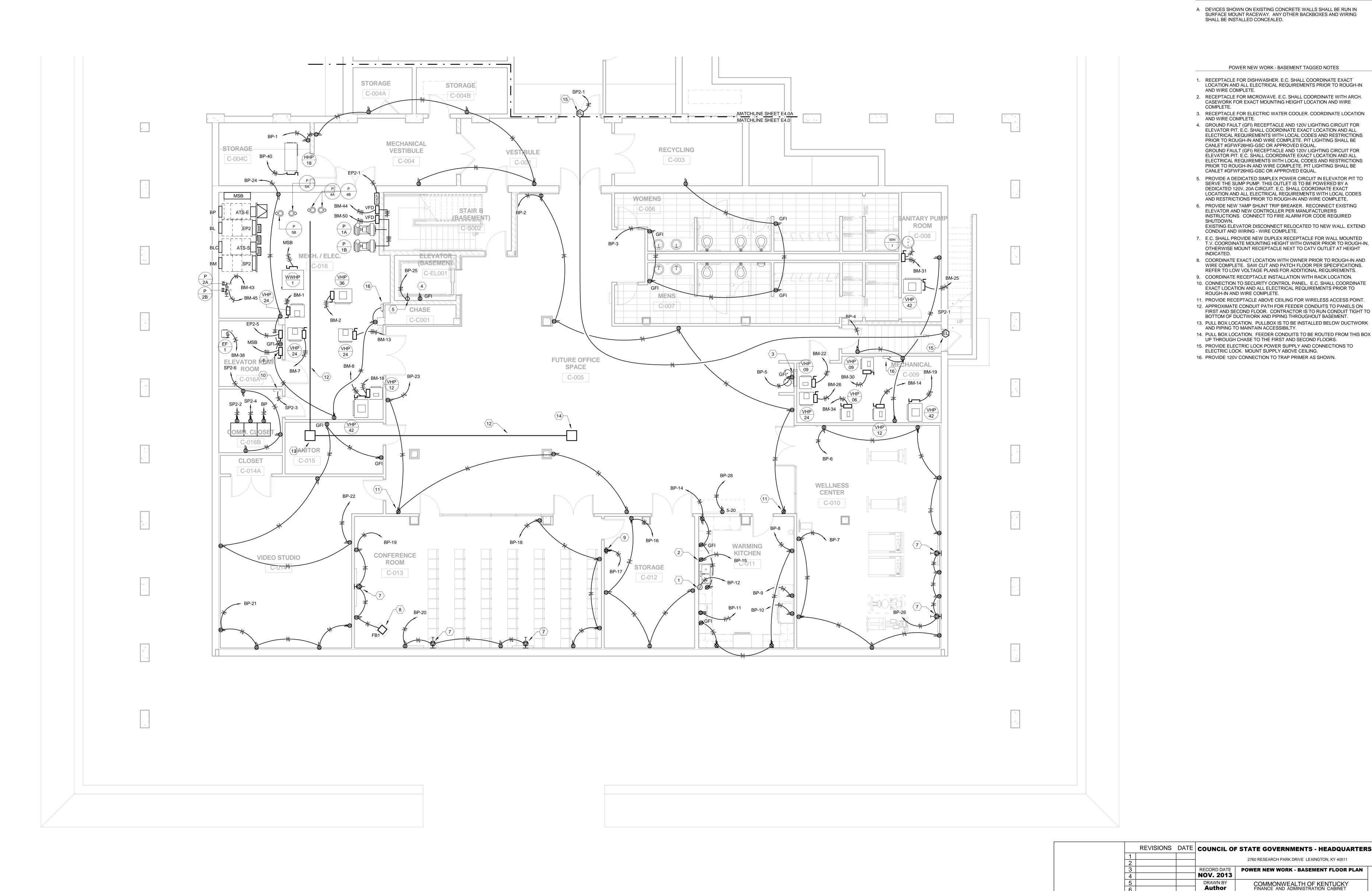




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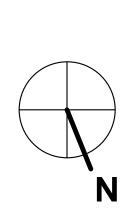
LIGHTING NEW WORK - PENTHOUSE TAGGED NOTES

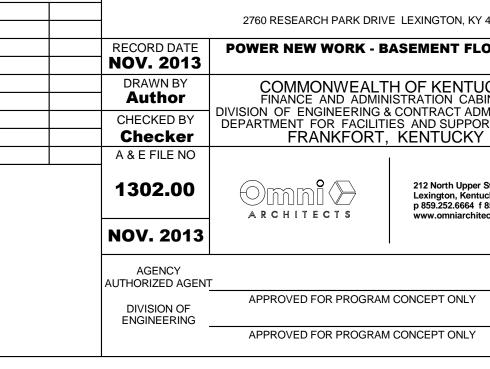
PROVIDE MOMENTARY-CONTACT CENTER-OFF TOGGLE SWITCHES FOR LIGHTING CONTROL. PROVIDE 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE FOR CONNECTION BY DIVISION 25 CONTRACTOR.



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

POWER GENERAL NOTES A DEVICES SHOWN ON EXISTING CONCRETE WALLS SHALL BE RUN IN SURFACE MOUNT RACEWAY. ANY OTHER BACKBOXES AND WIRING





POWER NEW WORK - BASEMENT TAGGED NOTES

1. RECEPTACLE FOR DISHWASHER. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN 2. RECEPTACLE FOR MICROWAVE. E.C. SHALL COORDINATE WITH ARCH. CASEWORK FOR EXACT MOUNTING HEIGHT LOCATION AND WIRE

3. RECEPTACLE FOR ELECTRIC WATER COOLER. COORDINATE LOCATION 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 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

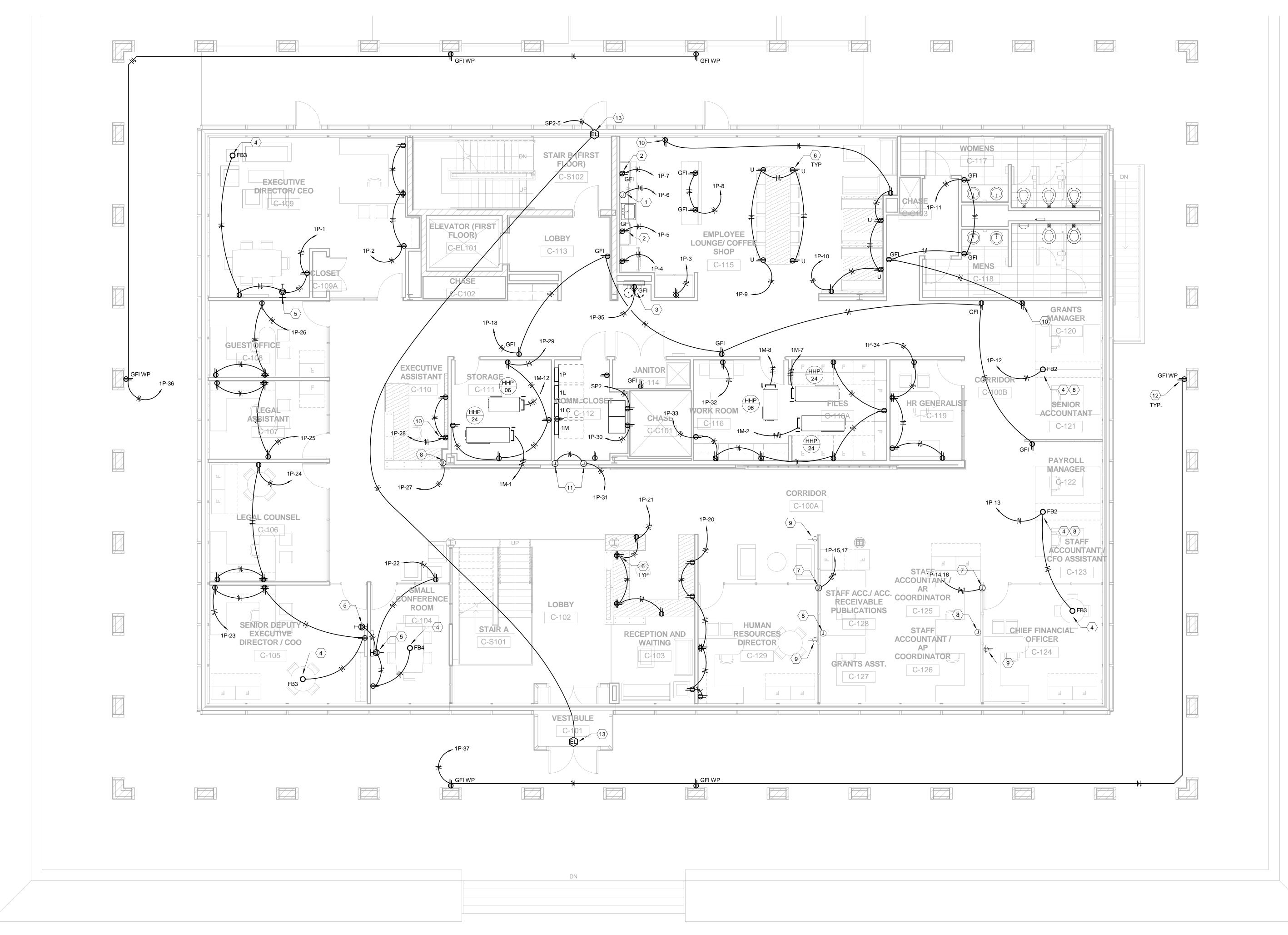
5. PROVIDE A DEDICATED SIMPLEX POWER CIRCUIT IN ELEVATOR PIT TO SERVE THE SUMP PUMP. THIS OUTLET IS TO BE POWERED BY A DEDICATED 120V, 20A CIRCUIT. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS WITH LOCAL CODES AND RESTRICTIONS PRIOR TO ROUGH-IN AND WIRE COMPLETE. 6. PROVIDE NEW ? AMP SHUNT TRIP BREAKER. RECONNECT EXISTING

EXISTING ELEVATOR DISCONNECT RELOCATED TO NEW WALL. EXTEND

8. 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. 9. COORDINATE RECEPTACLE INSTALLATION WITH RACK LOCATION. 10. CONNECTION TO SECURITY CONTROL PANEL. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS PRIOR TO

11. PROVIDE RECEPTACLE ABOVE CEILING FOR WIRELESS ACCESS POINT. 12. 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. 13. PULL BOX LOCATION. PULLBOX IS TO BE INSTALLED BELOW DUCTWORK AND PIPING TO MAINTAIN ACCESSIBILTY. 14. PULL BOX LOCATION. FEEDER CONDUITS TO BE ROUTED FROM THIS BOX UP THROUGH CHASE TO THE FIRST AND SECOND FLOORS. 15. PROVIDE ELECTRIC LOCK POWER SUPPLY AND CONNECTIONS TO

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POWER NEW WORK

- AND WIRE COMPLETE. COMPLETE.
- 3. RECEPTACLE FOR ELECTRIC WATER COOLER. COORDINATE LOCATION AND WIRE COMPLETE.
- HEIGHT INDICATED.
- DETAILS FOR EXACT LOCATIONS.
- 8. MAKE CONNECTION TO PREWIRED FURNITURE. SHOWN FOR REFERENCE ONLY.
- ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION. BOX.

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1. RECEPTACLE FOR DISHWASHER. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN

2. RECEPTACLE FOR MICROWAVE. E.C. SHALL COORDINATE WITH ARCH. CASEWORK FOR EXACT MOUNTING HEIGHT LOCATION AND WIRE

4. PROVIDE POKE-THRU FITTING. 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

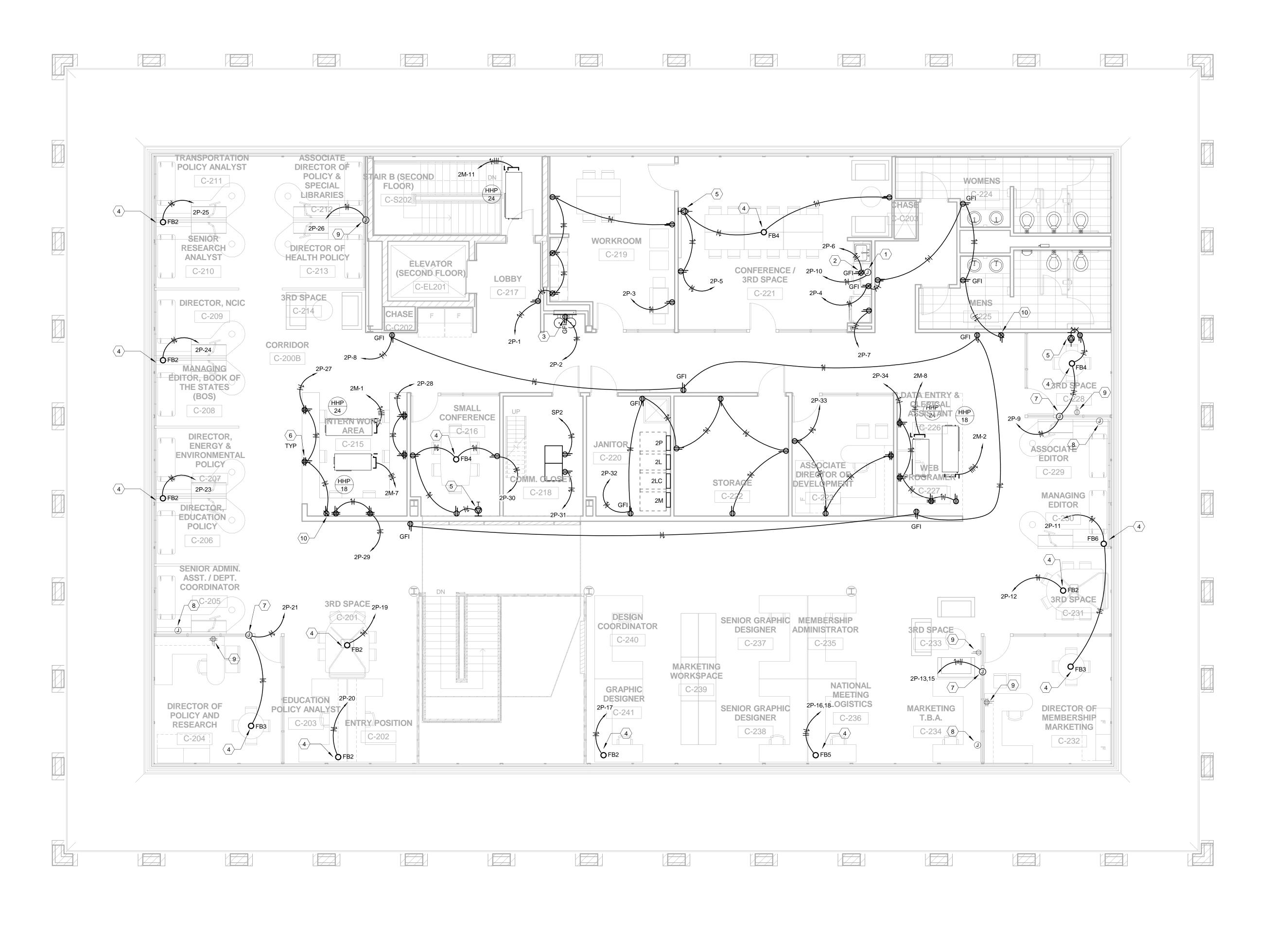
6. MOUNT RECEPTACLES IN CASEWORK. REFER TO ARCHITECTURAL 7. MAKE CONNECTION TO PREWIRED WALL PANEL ABOVE CEILING.

9. WIRING DEVICES PROVIDED AS PART OF PREWIRED WALL PANEL.

10. PROVIDE RECEPTACLE ABOVE CEILING FOR WIRELESS ACCESS POINT. 11. RECESSED 2-GANG BACKBOX WITH VOLTAGE SEPARATOR, ARLINGTON INDUSTRIES TVBS505 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

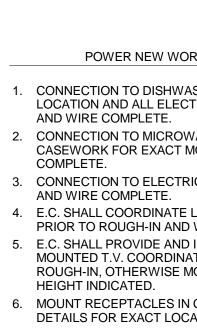
12. PROVIDE NEW RECEPTACLE, DEVICE COVER, AND WIRING IN EXISTING 13. PROVIDE ELECTRIC LOCK POWER SUPPLY AND CONNECTIONS TO ELECTRIC LOCK. MOUNT SUPPLY ABOVE CEILING.

OVERNMENTS - HEADQUARTERS BUILDING					
EARCH PARK DRIV	E LEXINGTON, KY 40511				
R NEW WORK	- FIRST FLOOR PLAN	DRAWING NO			
NCE AND ADMIN ENGINEERING 8	H OF KENTUCKY ISTRATION CABINET CONTRACT ADMINISTRATION ES AND SUPPORT SERVICES KENTUCKY	E4.1			
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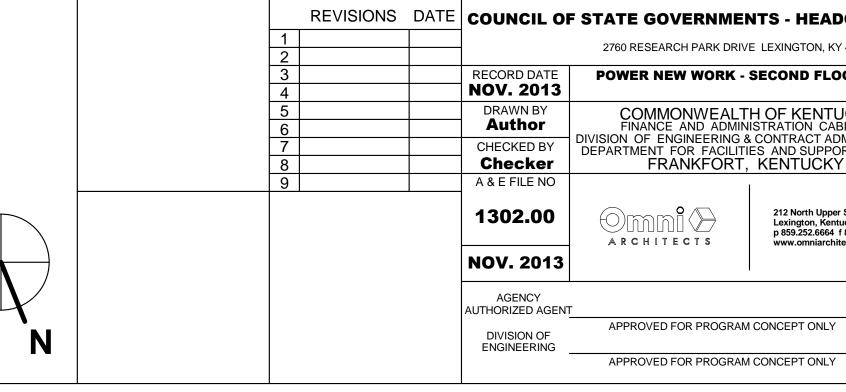


 $1 \frac{\text{Power} - \text{CSG Second Floor}}{3/16" = 1'-0"}$

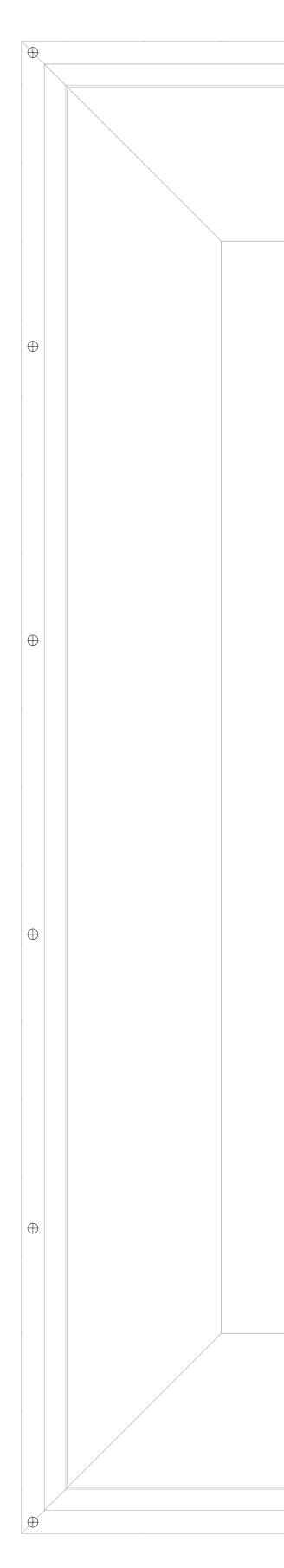
POWER GENERAL NOTES A DEVICES SHOWN ON EXISTING CONCRETE WALLS SHALL BE RUN IN SURFACE MOUNT RACEWAY. ANY OTHER BACKBOXES AND WIRING SHALL BE INSTALLED CONCEALED.



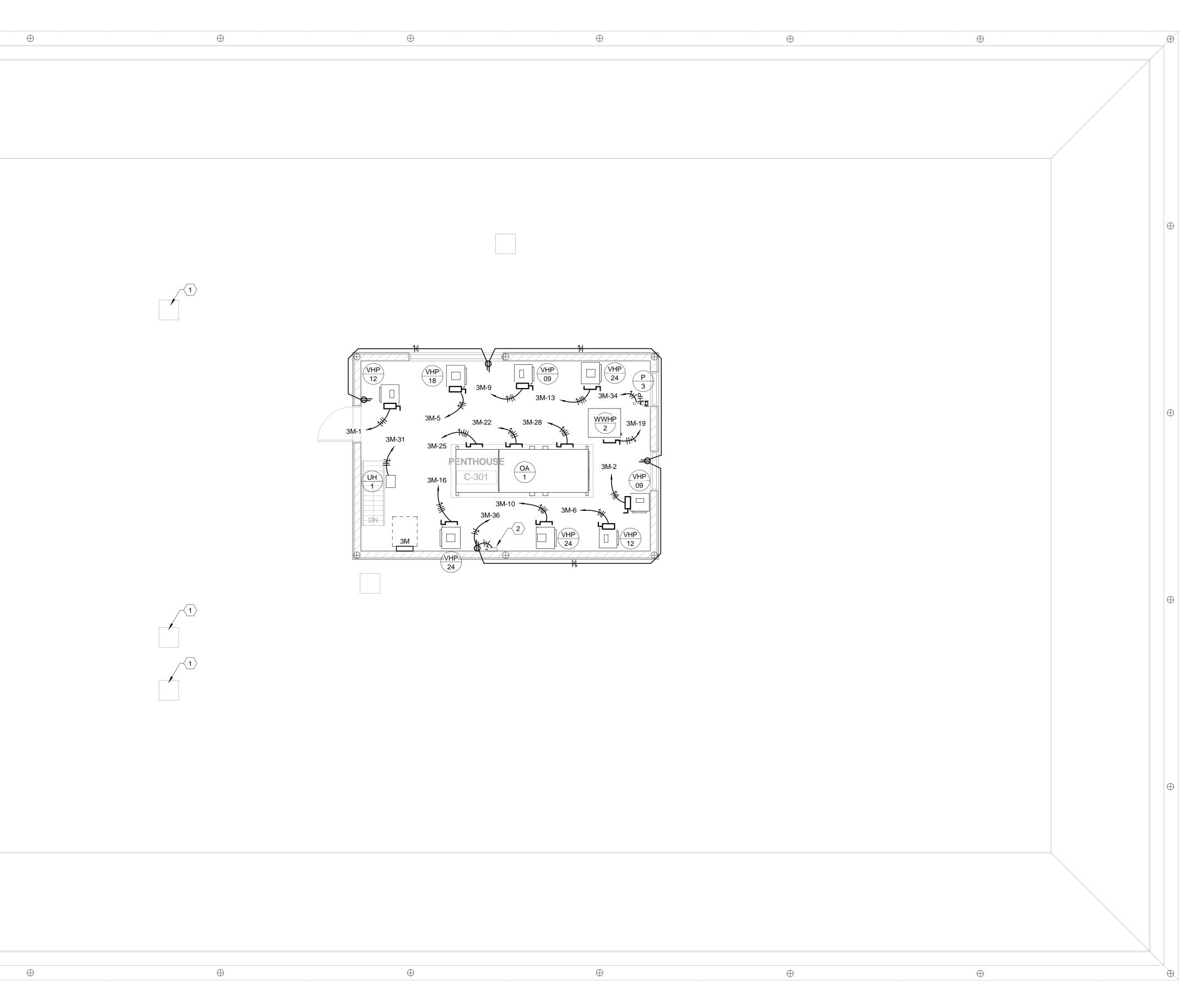
POWER NEW WORK - SECOND FLOOR TAGGED NOTES 1. CONNECTION TO DISHWASHER. E.C. SHALL COORDINATE EXACT LOCATION AND ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN 2. CONNECTION TO MICROWAVE. E.C. SHALL COORDINATE WITH ARCH. CASEWORK FOR EXACT MOUNTING HEIGHT LOCATION AND WIRE 3. CONNECTION TO ELECTRIC WATER COOLER. COORDINATE LOCATION 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 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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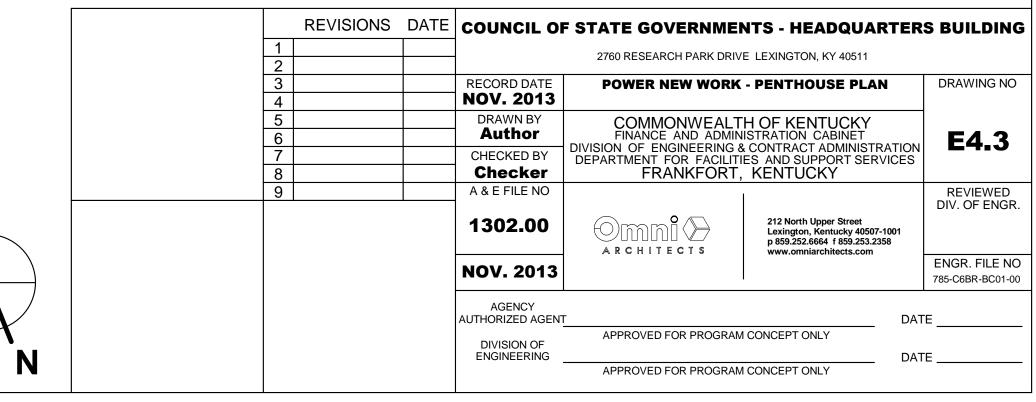


 $1 \frac{\text{Power - CSG Penthouse}}{3/16" = 1'-0"}$



POWER GENERAL NOTES

POWER NEW WORK - PENTHOUSE TAGGED NOTES BOND EXISTING LIGHTNING PROTECTION CONDUCTORS AS REQUIRED AFTER REMOVAL OF AIR TERMINALS.
 PROVIDE 120V CONNECTION TO TRAP PRIMER AS SHOWN.

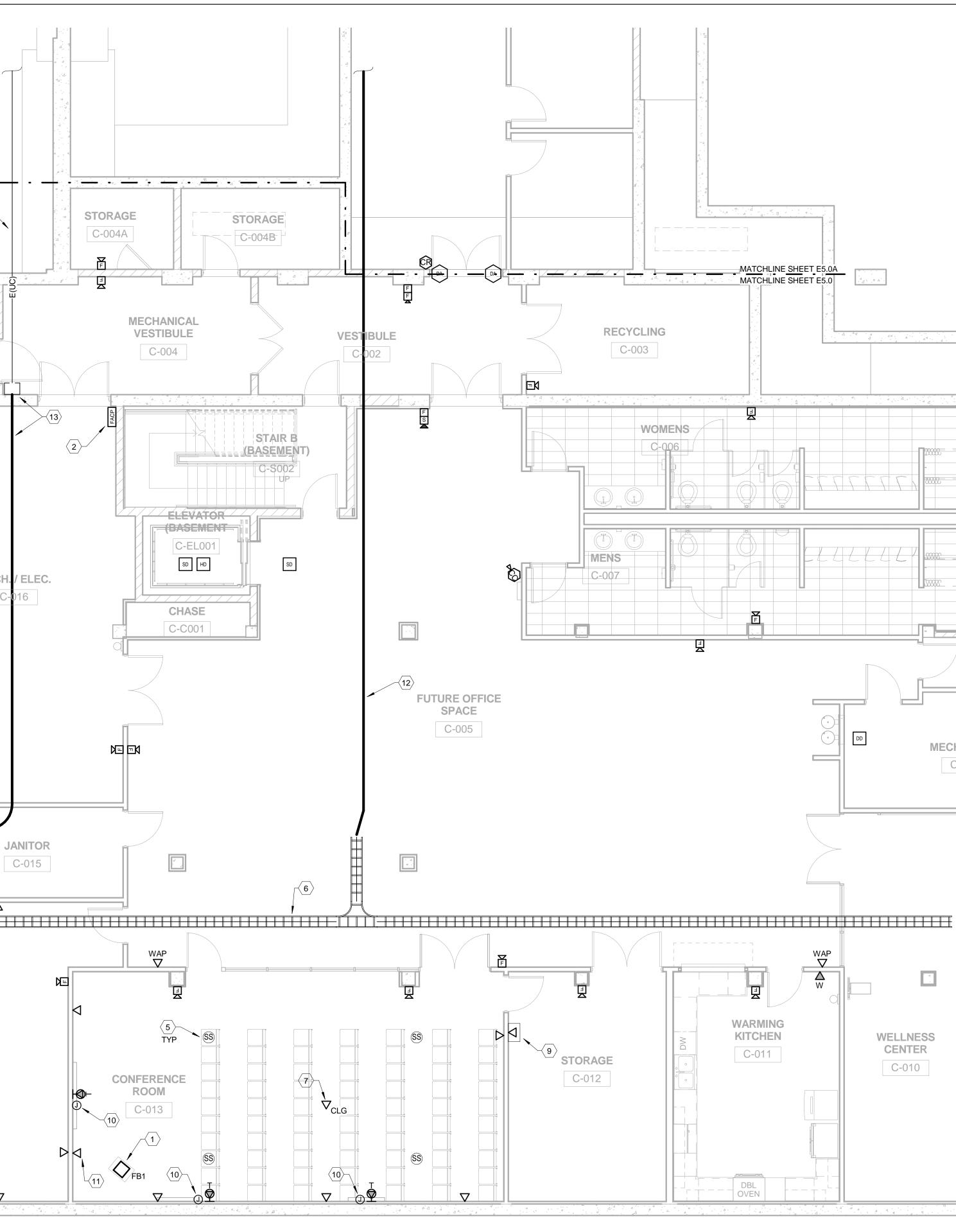


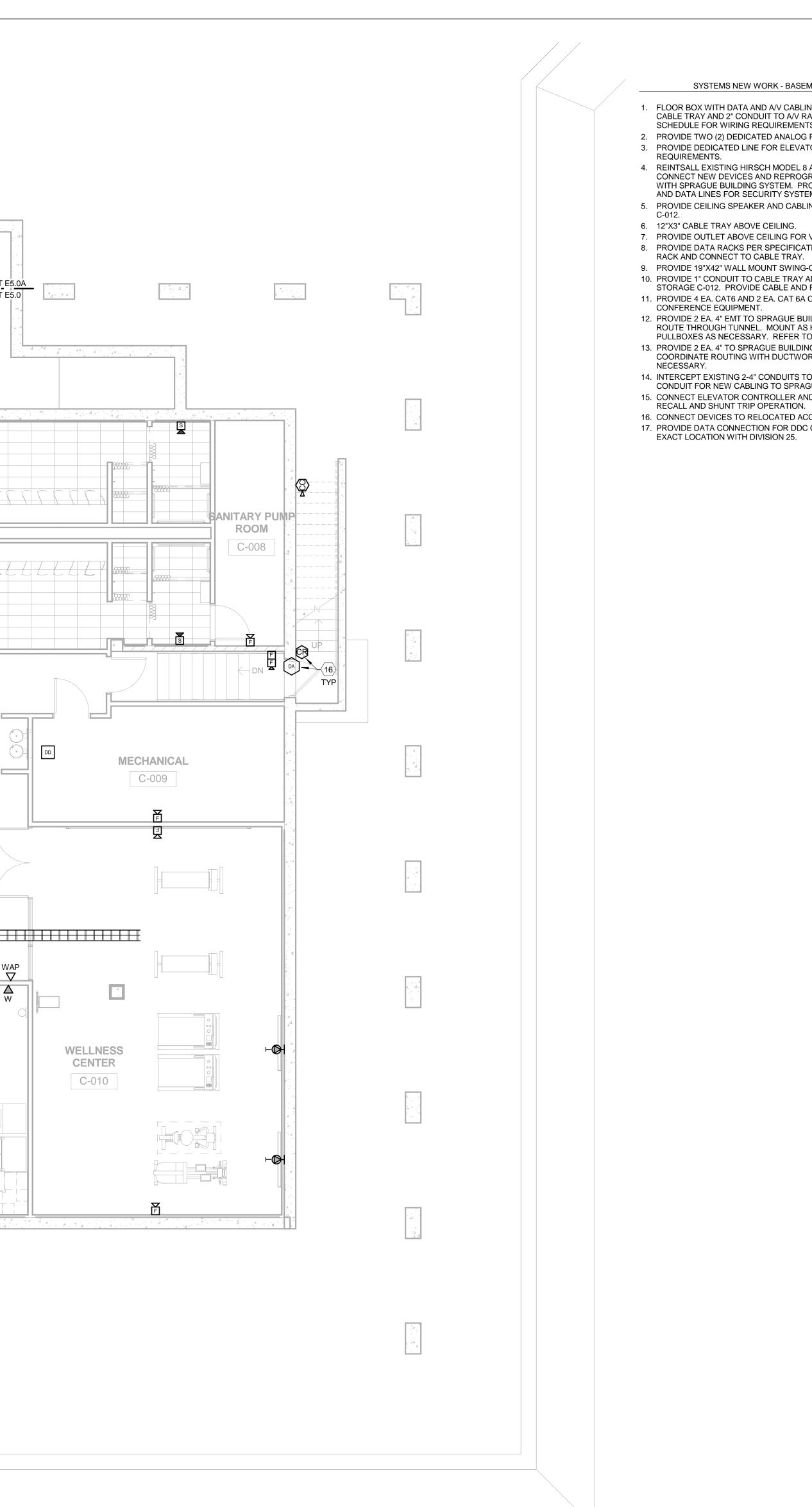
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R NEW WORK	- PENTHOUSE PLAN	DRAWING NO			
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A DEVICES SHOWN ON EXISTING CONCRETE WALLS SHALL BE RUN IN SURFACE MOUNT RACEWAY. ANY OTHER BACKBOXES AND WIRING SHALL BE INSTALLED CONCEALED.

(14)		
STORAGE		
	à	
MECH C		
SD HD ELEVATOR PUMP ROOM 3 C-016A COMM. CLOSET C-016B 8	4	
CLOSET C-014A		
VIDEO STUDIO C-014		

 $1 \frac{\text{Systems - CSG Basement}}{3/16" = 1'-0"}$





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		REVISIONS	DATE	COUNCIL OF	STATE GOVERNME	NTS - HEADQUARTER	S BUILDING
·	1			-	2760 RESEARCH PARK DRIV	E LEXINGTON, KY 40511	
	3 4			RECORD DATE NOV. 2013	SYSTEMS NEW WOR	RK - BASEMENT PLAN	DRAWING NO
	5 6			DRAWN BY Author		HOF KENTUCKY	E5.0
	7 8			CHECKED BY Checker	DEPARTMENT FOR FACILIT	& CONTRACT ADMINISTRATION IES AND SUPPORT SERVICES , KENTUCKY	
	9			A & E FILE NO			REVIEWED DIV. OF ENGR.
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SYSTEMS NEW WORK - BASEMENT TAGGED NOTES

1. FLOOR BOX WITH DATA AND A/V CABLING. PROVIDE 1" CONDUIT TO CABLE TRAY AND 2" CONDUIT TO A/V 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 4. REINTSALL 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 A/V RACK IN STORAGE

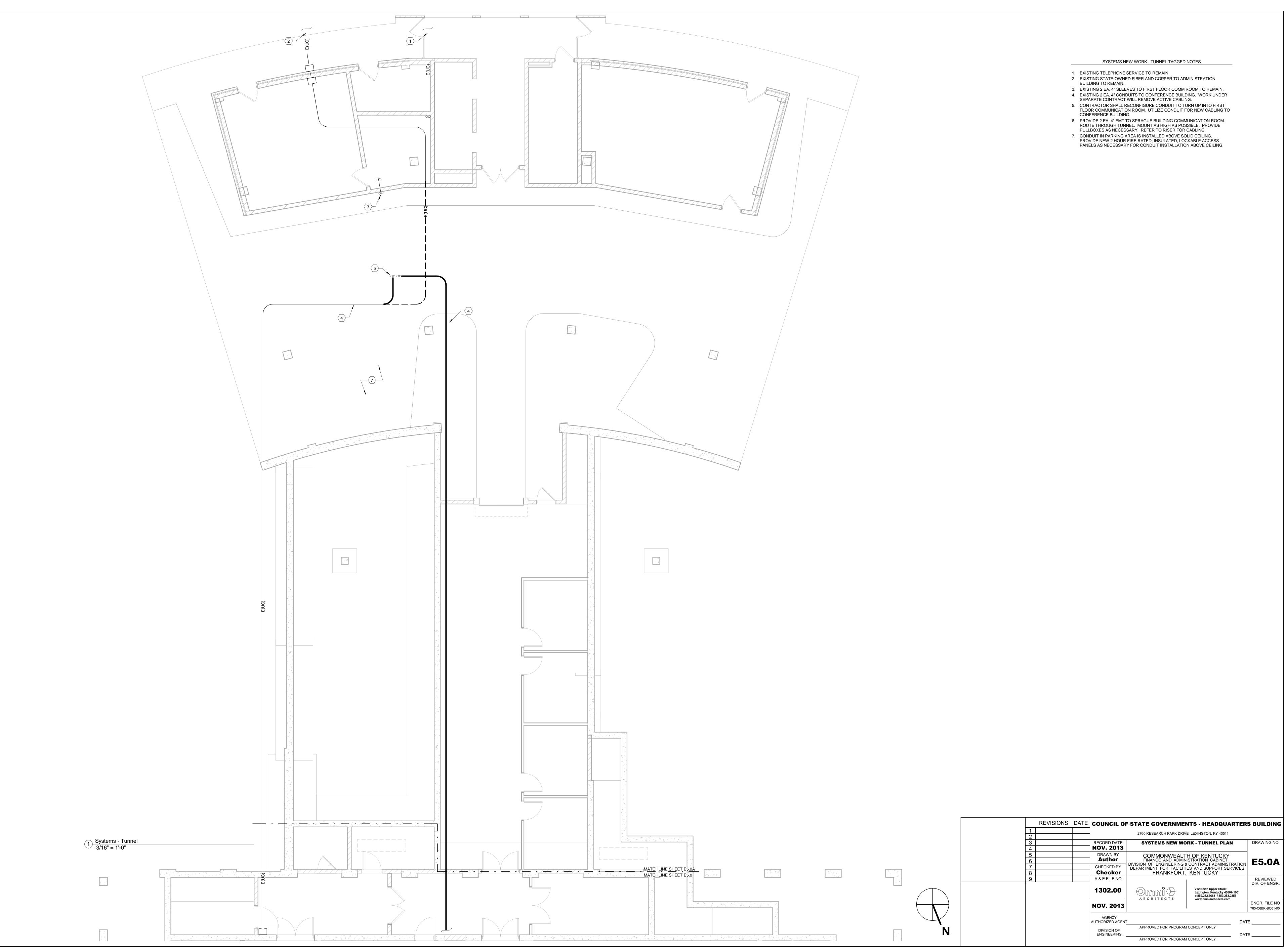
7. PROVIDE OUTLET ABOVE CEILING FOR VIDEO CONFERENCE CAMERA. 8. PROVIDE DATA RACKS PER SPECIFICATION. MOUNT LADDER TO TOP OF 9. PROVIDE 19"X42" WALL MOUNT SWING-OUT RACK FOR A/V EQUIPMENT.

10. PROVIDE 1" CONDUIT TO CABLE TRAY AND 2" CONDUIT TO A/V 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 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

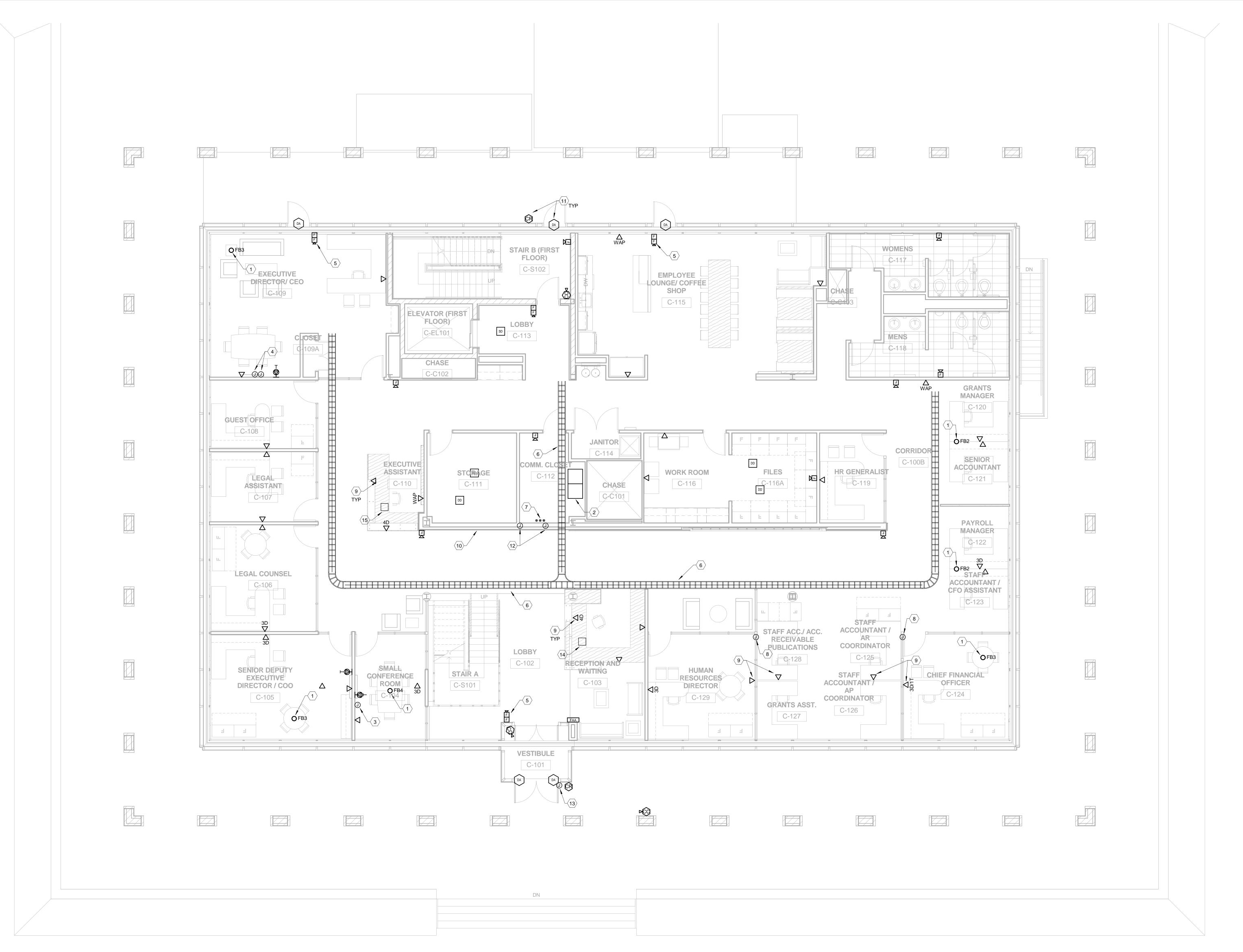
14. INTERCEPT EXISTING 2-4" CONDUITS TO SPRAGUE BUILDING. UTILIZE CONDUIT FOR NEW CABLING TO SPRAGUE BUILDING. 15. CONNECT ELEVATOR CONTROLLER AND BREAKER TO FIRE ALARM FOR

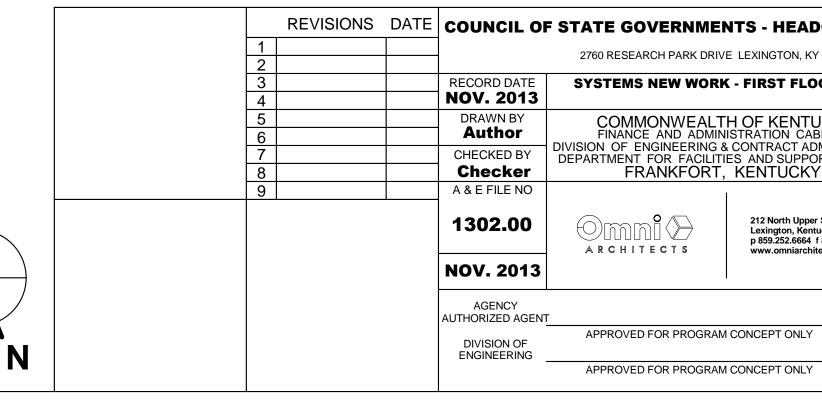
16. CONNECT DEVICES TO RELOCATED ACCESS CONTROL PANEL. 17. PROVIDE DATA CONNECTION FOR DDC CONTROL PANEL. COORDINATE



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





SYSTEMS NEW WORK - FIRST FLOOR TAGGED NOTES

1. POKE-THRU FITTING WITH DATA AND A/V 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 A/V 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

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

GLAZING SYSTEM.

INSTALLATION.

PANEL.

8. COMMUNICATION PATHWAY IN PREWIRED WALL PANEL. 9. PRE-FABRICATED FURNITURE/WALL ASSEMBLY. PROVIDE OUTLETS AND UNBROKEN CABLING FROM OUTLETS TO COMMUNICATION ROOM PATCH

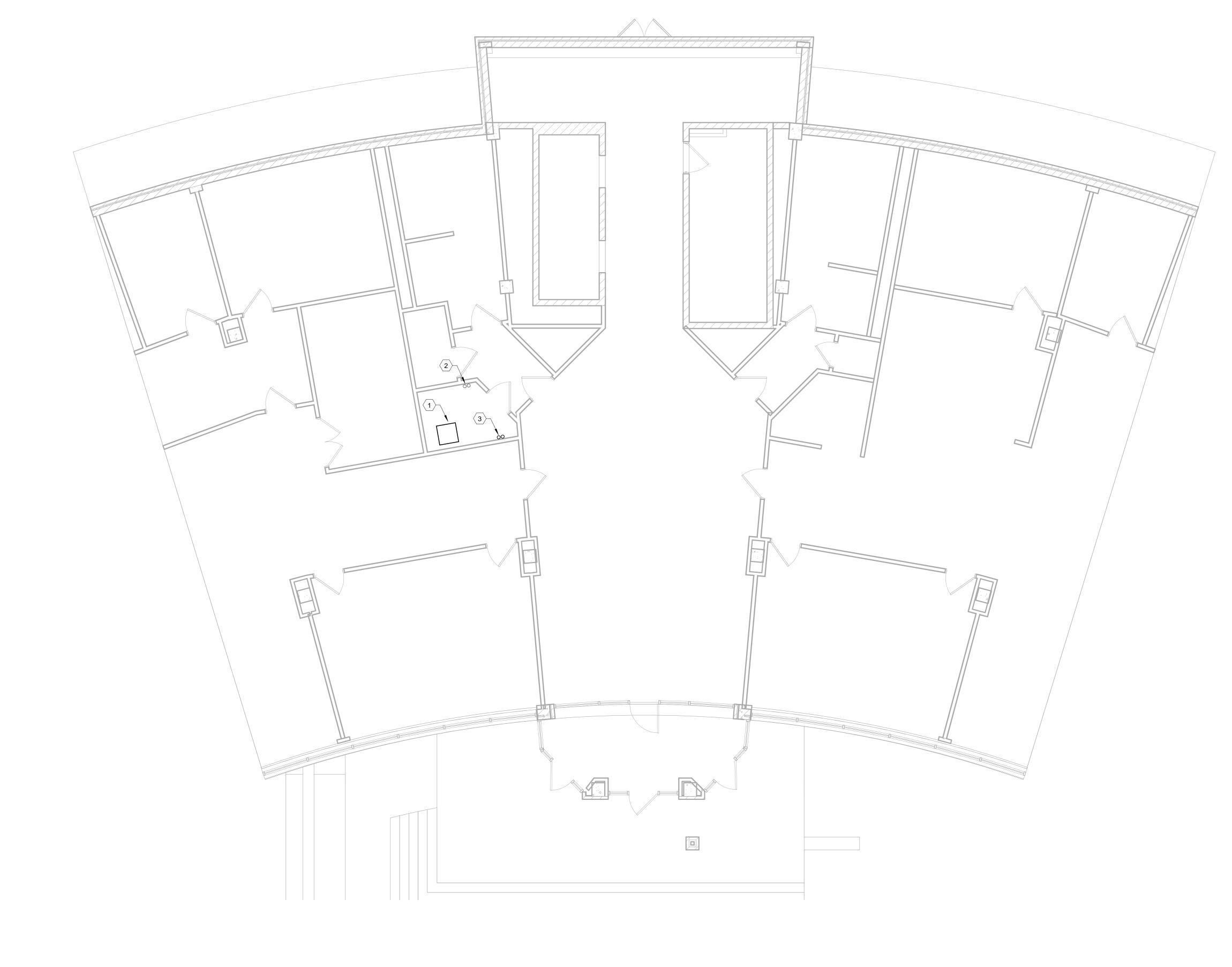
10. PROVIDE 4 EACH COMMERCIAL DISPLAY WALL MONITORS. NARROW BEZEL HD 47" WIDESCREEN DISPLAY. 1366X768 RESOLUTION. 500 CD/M^2. RG45 AND RS232 REMOTE CONTROL. HDMI, RGB AND COMPONENT. USB INPUTS. 20W AUDIO. INTEGRAL SELF VIDEO WALL TILING. LG47WV30BR-B OR EQUAL. PROVIDE WITH ONE LICENSE FOR MANUACTURER 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.

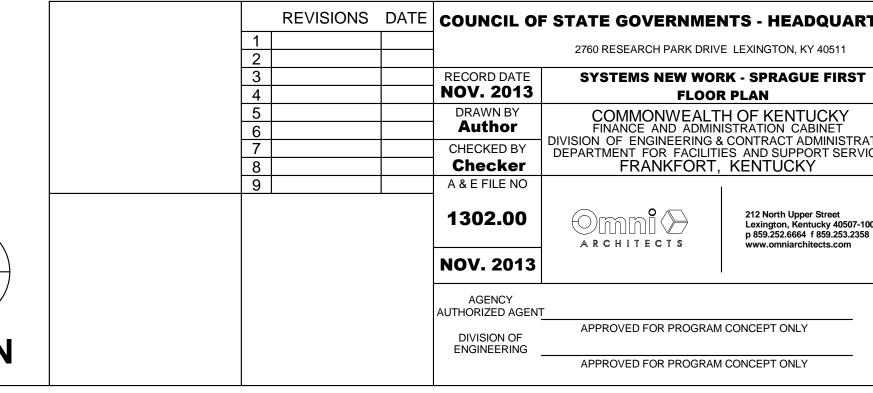
14. PROVIDE VIDEO INTERCOM MASTER STATION AND INTEGRATE INTO ACCESS CONTROL SYSTEM TO PROVIDE ABILITY TO UNLUCK FRONT DOOR. AIPHONE JM-4MED OR EQUAL.

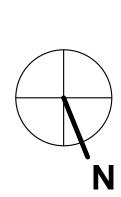
15. PROVIDE VIDEO INTERCOM SUB-MASTER STATION AND INTEGRATE INTO ACCESS CONTROL SYSTEM TO PROVIDE ABILITY TO UNLUCK FRONT DOOR. AIPHONE JM-4HD OR EQUAL.

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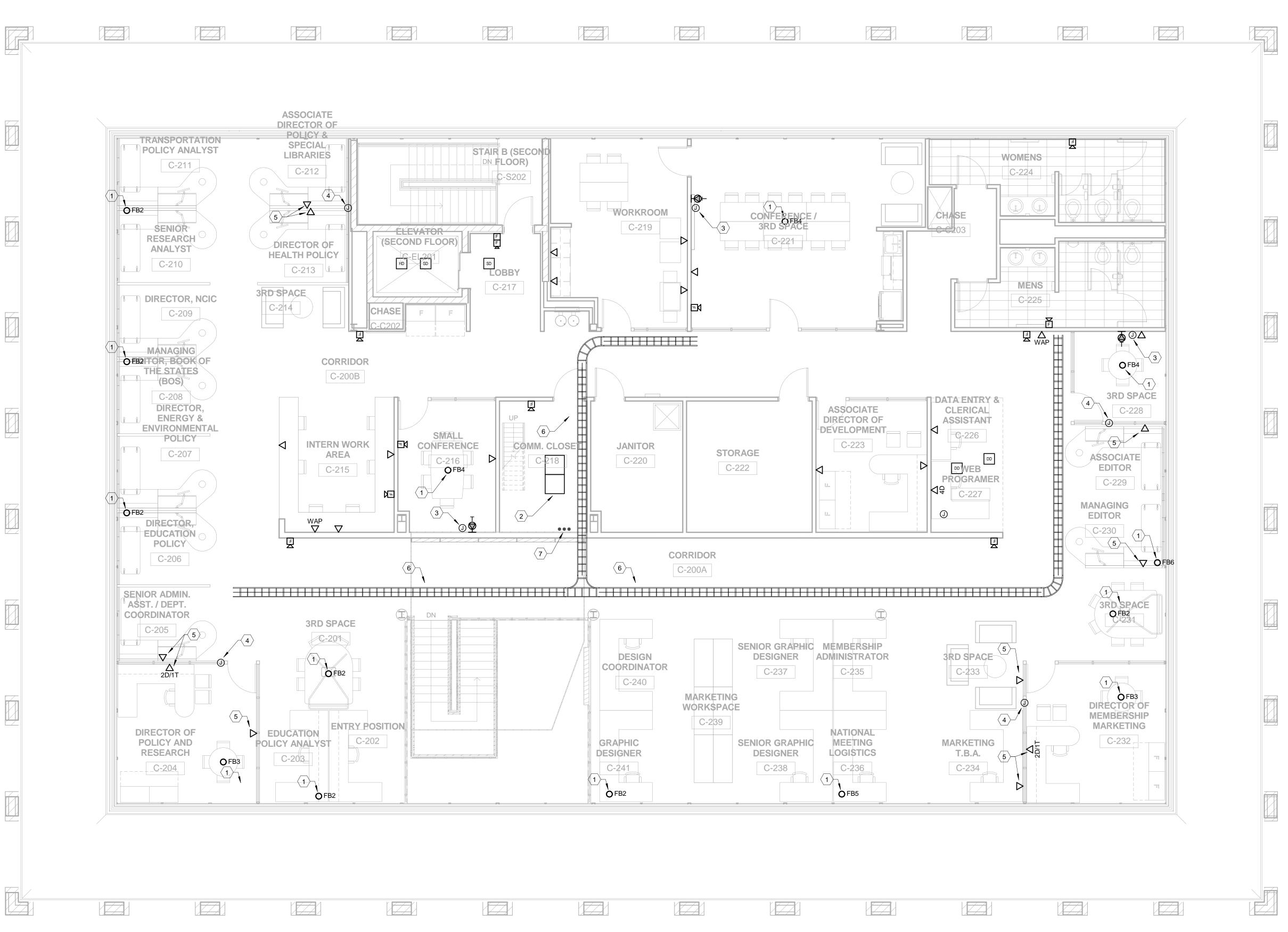
 $1 \frac{\text{Systems - SPR First Floor}}{3/16" = 1'-0"}$





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

OVERNMENTS - HEADQUARTERS BUILDING						
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 $\underbrace{1 \quad Systems - CSG Second Floor}_{3/16" = 1'-0"}$

SYSTEMS NEW WORK - SECOND FLOOR TAGGED NOTES

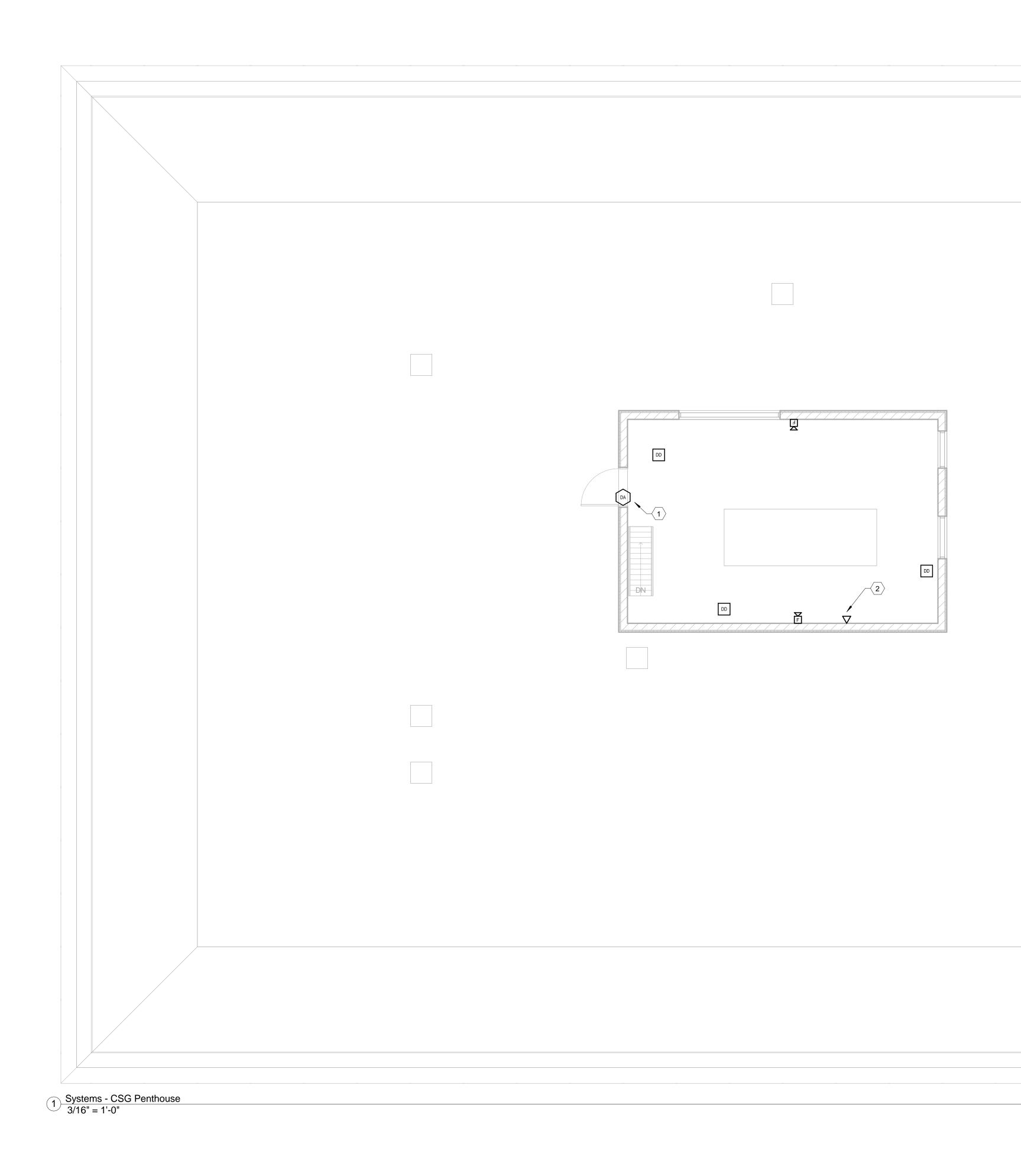
- FOR WIRING REQUIREMENTS.
- RACK AND CONNECT TO CABLE TRAY.
- COMMUNICATION ROOM PATCH PANEL. 6. 12"X3" CABLE TRAY ABOVE CEILING.
- 7. PROVIDE 3 EA. 4" SLEEVES THROUGH FLOOR TO CABLE TRAY BELOW. PROVIDE REMOVEABLE FIRESTOP IN SLEEVES AFTER CABLE

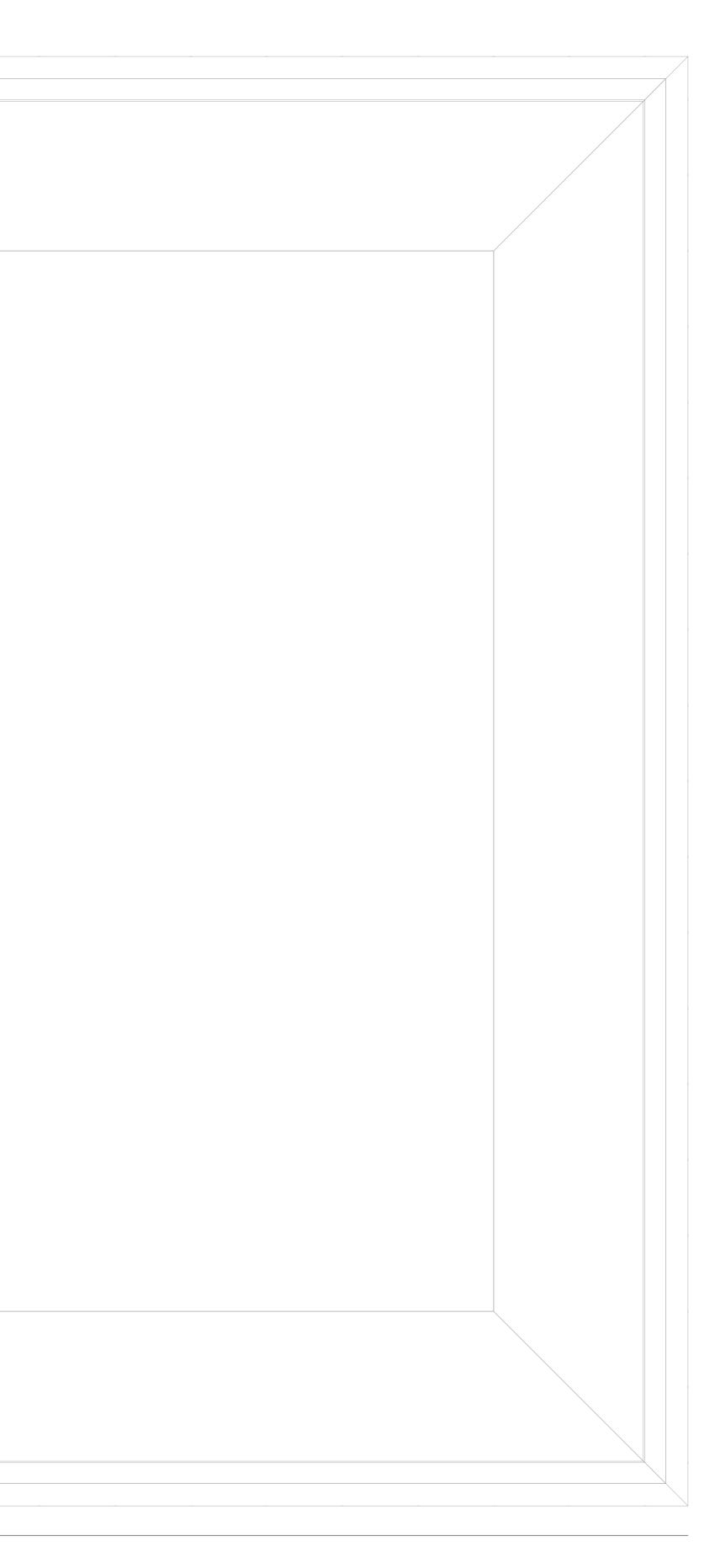
INSTALLATION.

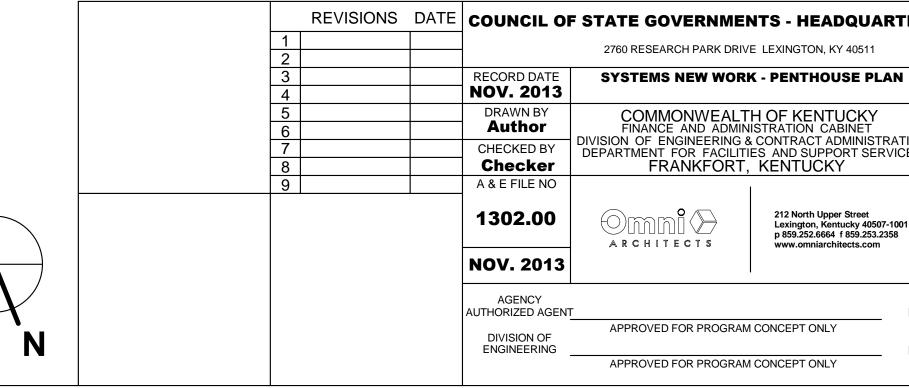
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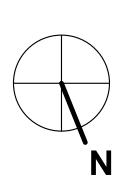
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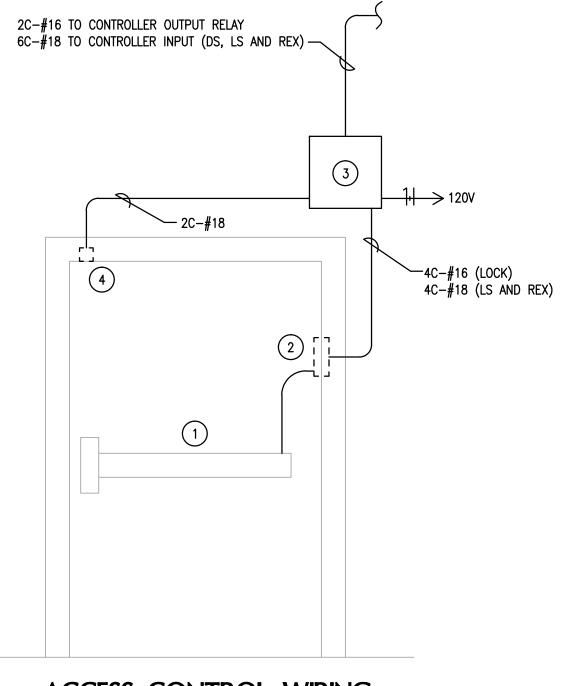
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REVISIONS DATE COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING 2760 RESEARCH PARK DRIVE LEXINGTON, KY 40511 SYSTEMS NEW WORK - PENTHOUSE PLAN DRAWING NO

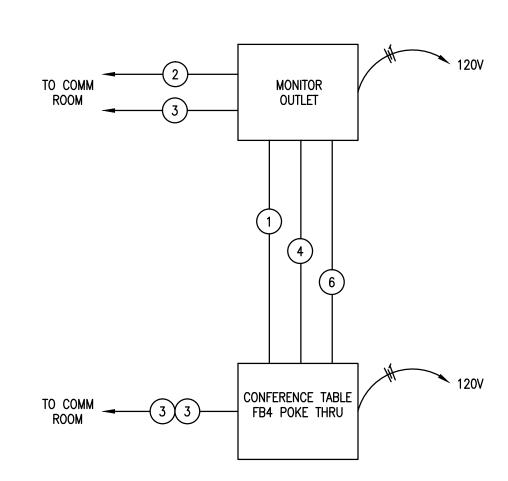
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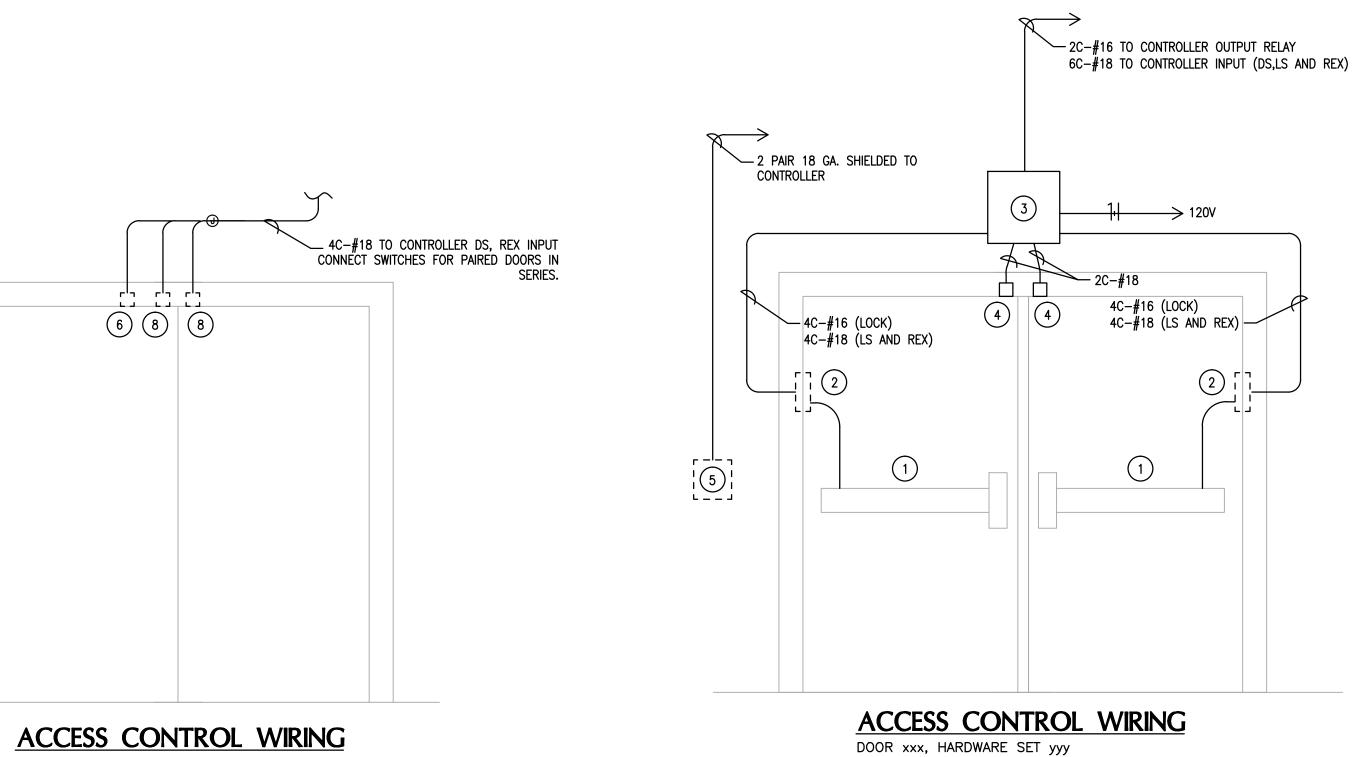


ACCESS CONTROL WIRING DOOR XXX, HARDWARE SET YYY



	A/V CABLE SCHEDULE
\bigcirc	STEREO COMPONENT AU
2	CATV COAX
3	CAT6 ETHERNET BUILDI
(4)	VGA CABLE
5	DVI-I CABLE
(6)	HDMI CABLE
$(\widetilde{7})$	RS-232 SERIAL CONTR
\sim	





AUDIO CABLE

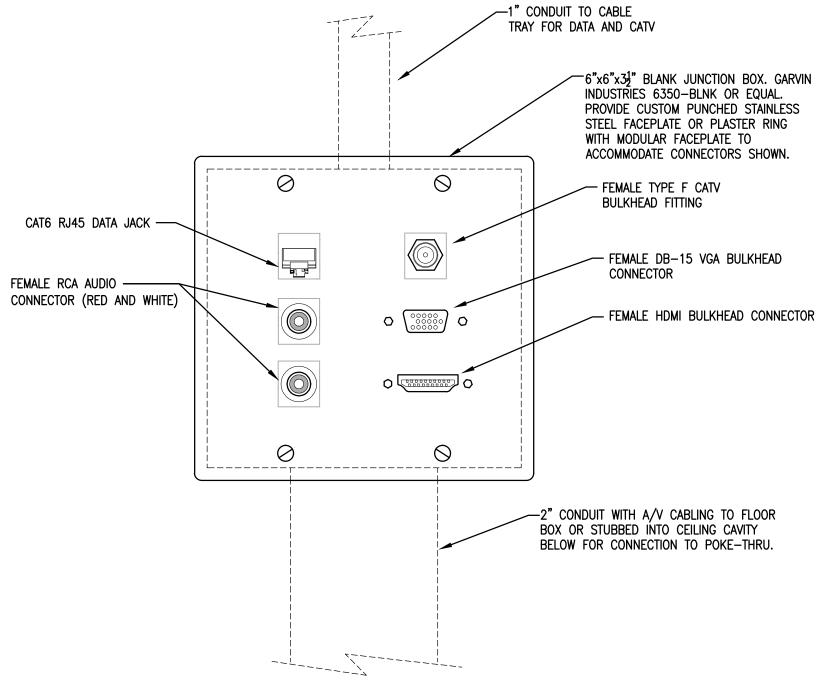
DING NETWORK CABLE

TROL CABLE

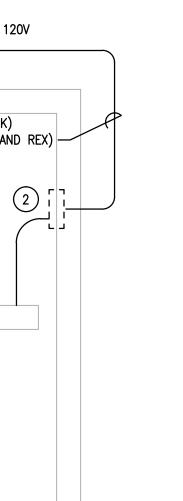
SMALL CONFERENCE ROOM A/V DIAGRAM

CABLING NOTES

- 1. THE VGA AND HDMI CONNECTIONS SHALL CONSIST OF PRE-TERMINATED CABLES. PROVIDE BULKHEAD CONNECTORS IN OUTLET PLATES AT EACH END. 2. THE COMPONENT AUDIO CONNECTIONS SHALL
- CONSIST OF TWO FEMALE RCA CONNECTOR AT THE MONITOR OUTLET AND A FEMALE 3.5mm JACK AT THE FLOOR BOX/POKE-THRU. CABLE SHALL BE BELDEN 8451 OR EQUAL.
- 3. CATV CABLES SHALL BE RG6 95% SHIELD. TERMINATE WITH MALE TYPE F CONNECTORS. PROVIDE BULKHEAD CONNECTORS IN OUTLET PLATES AT EACH END.
- 4. REFER TO SPECIFICATIONS FOR JACK AND CABLE REQUIREMENTS OF VOICE AND DATA OUTLETS.



SMALL CONFERENCE ROOM MONITOR OUTLET



(\mathbf{X}) DOOR HARDWARE:

- 1. ELECTRIFIED EXIT DEVICE WITH INTEGRAL LATCH POSITION AND REQUEST TO EXIT. BY HARDWARE CONTRACTOR.
- ELECTRIC POWER TRANSFER (FRAME TO DOOR)
 BY HARDWARE CONTRACTOR.
- POWER SUPPLY (LOCATE WITHIN 50' OF OPENING) BY ELECTRICAL CONTRACTOR.
- CONCEALED DOOR POSITION SWITCH (1" HOLE)

 BY HARDWARE CONTRACTOR.
- PROX READER (NARROW JAMB-MOUNT) BY ELECTRICAL CONTRACTOR.
- DOOR JAMB REQUEST TO EXIT SENSOR BY ELECTRICAL CONTRACTOR.

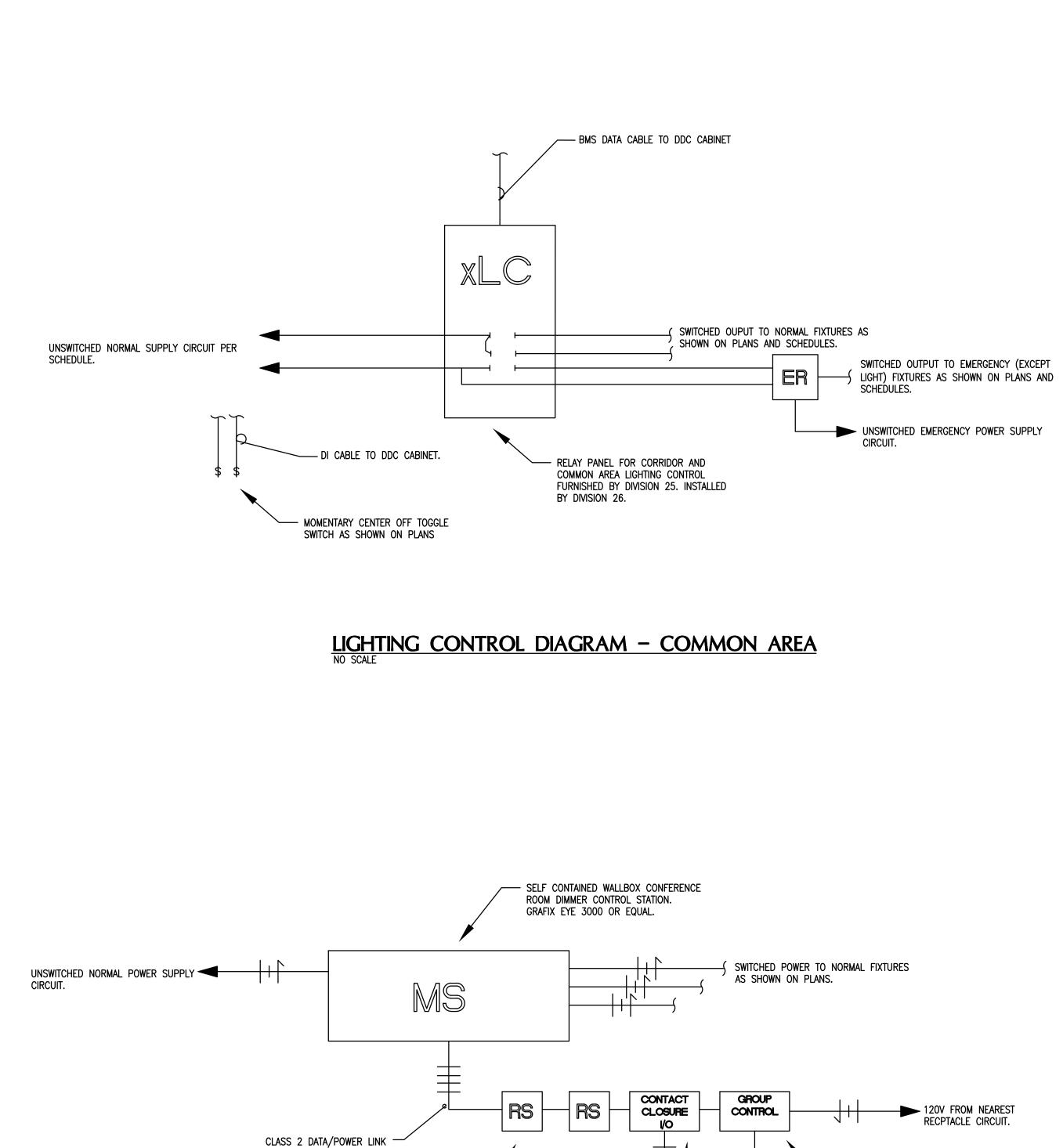
DOOR CONNECTION NOTES:

- A. PROVIDE POWER CONNECTION TO HARDWARE POWER SUPPLY FROM STANDBY POWER CIRCUIT INDICATED ON PLANS.
- B. CONNECTION BOXES SHALL BE SIZED IN ACCORDANCE WITH DOOR HARDWARE REQUIREMENTS.
- C. DETAILS ARE REPRESENTATIVE OF DOOR FUNCTIONS. SEE ARCHITECTURAL DOOR AND HARDWARE SCHEDULES FOR THE REQUIREMENTS FOR EACH DOOR.
- . DEVICES AND BOXES SHOWN AS DASHED LINES ARE LOCATED ON THE FAR SIDE OF THE WALL AND/OR DOOR.

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ABBREVIATIONS: DS: DOOR POSITION SWITCH. LS: LATCH STATUS SWITCH. REX: REQUEST TO EXIT SWITCH.



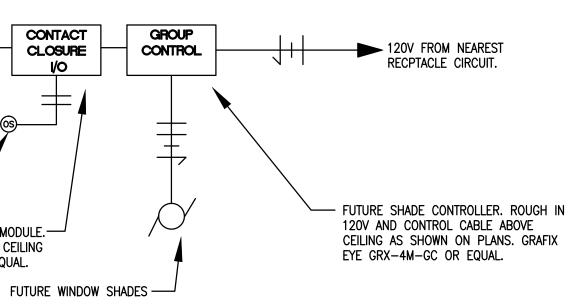


4 CHANNEL CLOSURE I/O MODULE.——] MOUNT ABOVE ACCESSIBLE CEILING GRAFIX EYE GRX—10 OR EQUAL.

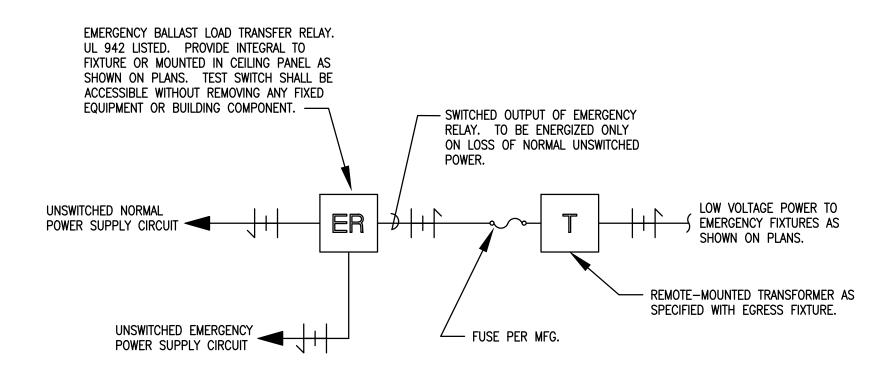
LOW VOLTAGE OCCUPANCY SENSOR AS SHOWN -----

MULTI SCENE WALL STATION AS SHOWN ON _ PLANS

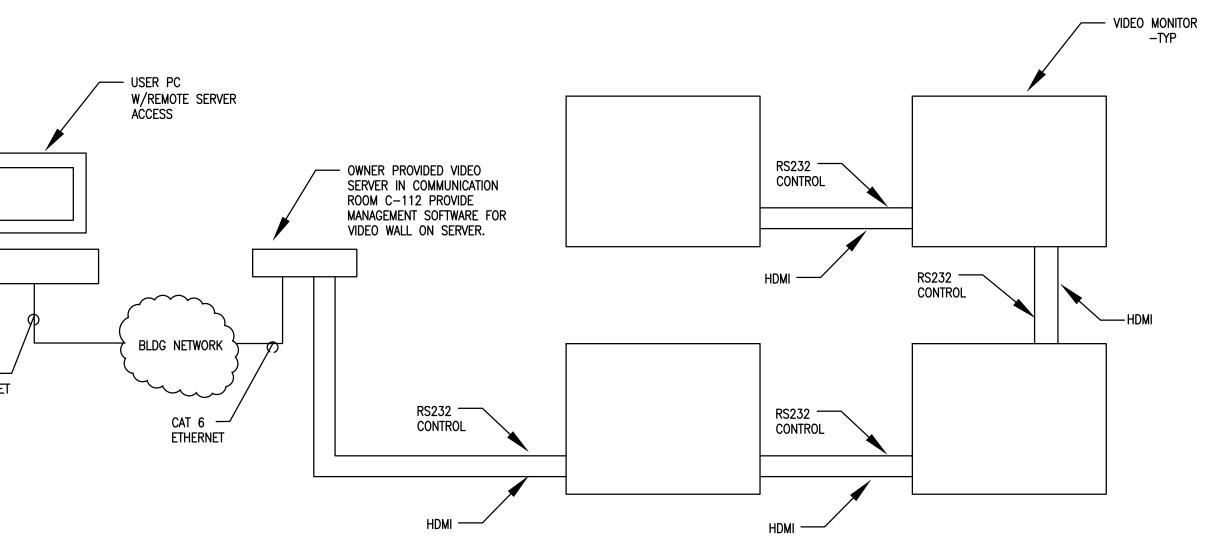
ON PLANS



CAT 6 —/ ETHERNET



EGRESS ONLY LIGHTING CONTROL DIAGRAM



VIDEO WALL CONNECTION DIAGRAM

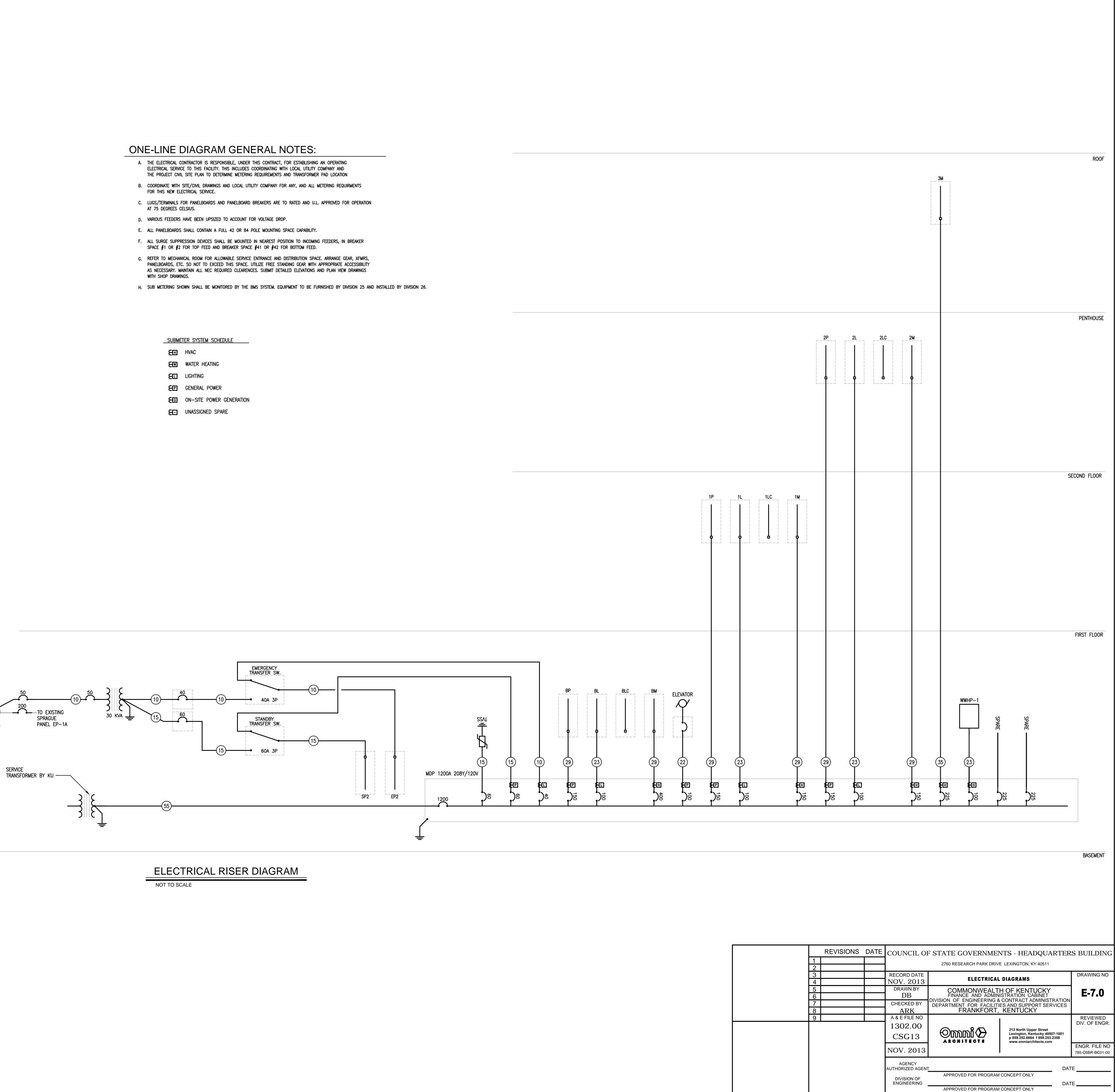
	REVISIONS	DATE	COUNCIL OF	F STATE GOVERNME	NTS - HEADQUARTER	S BUILDING
1				2760 RESEARCH PARK DRIV	E LEXINGTON, KY 40511	
3 4			RECORD DATE NOV. 2013	ELECTRICA	L DETAILS	DRAWING NO
5			DRAWN BY DB	COMMONWEALT FINANCE AND ADMIN	H OF KENTUCKY	E-6.0
7			CHECKED BY ARK	DIVISION OF ENGINEERING 8 DEPARTMENT FOR FACILITI FRANKFORT,	CONTRACT ADMINISTRATION ES AND SUPPORT SERVICES KENTUCKY	
 9			A & E FILE NO 1302.00			REVIEWED DIV. OF ENGR.
			CSG13		212 North Upper Street Lexington, Kentucky 40507-1001 p 859.252.6664 f 859.253.2358 www.omniarchitects.com	
			NOV. 2013			ENGR. FILE NO 785-C6BR-BC01-00
			AGENCY AUTHORIZED AGENT	г	DAT	Έ
			DIVISION OF ENGINEERING	APPROVED FOR PROGRAM	I CONCEPT ONLY	Е
				APPROVED FOR PROGRAM		

ELECTRICA	L DETAILS	DRAWING NO
ICE AND ADMIN ENGINEERING &	H OF KENTUCKY ISTRATION CABINET CONTRACT ADMINISTRATION ES AND SUPPORT SERVICES KENTUCKY	E-6.0
mi	212 North Upper Street Lexington, Kentucky 40507-1001 p 859.252.6664 f 859.253.2358 www.omniarchitects.com	REVIEWED DIV. OF ENGR.
	www.onniarcinteets.com	ENGR. FILE NO 785-C6BR-BC01-00
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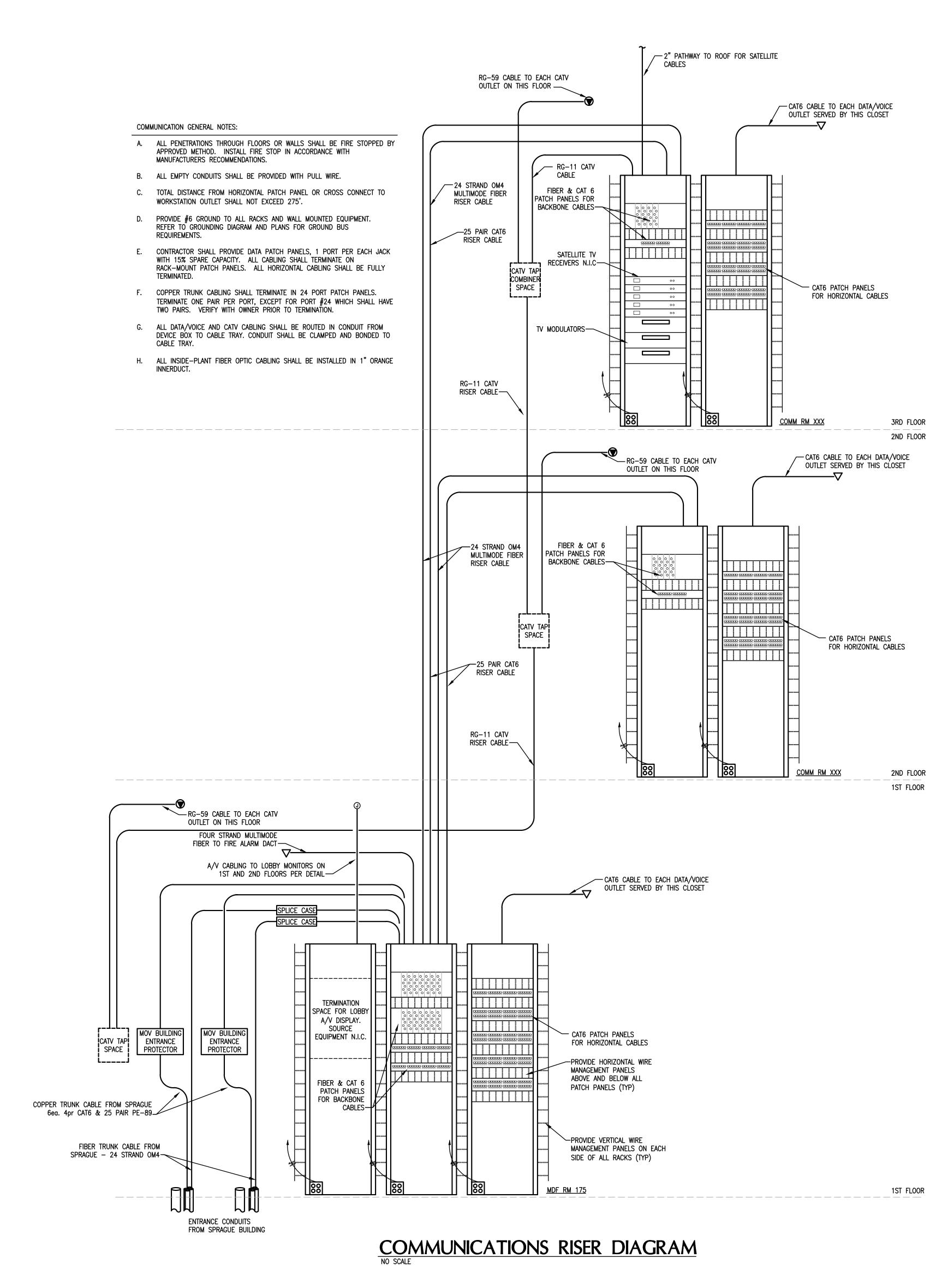
TAG	OCPD SETTING	FEEDER DESCRIPTION (THWN/THHN COPPER)	EQUIPMENT GROUND	Conduit Size
1	30/1	(2) #10	(1) #10	1/2"
2	30/2 (2W = NO NEUTRAL)	(2) #10	(1) #10	1/2"
3	30/2 (3W = NEUTRAL)	(3) # 10	(1) #10	1/2"
4	30/3 (3W)	(3) #10	(1) #10	, 1/2"
5	30/3 (4W)	(4) #10	(1) #10	3/4"
6	40/1 OR 50/1	(2) #8	(1) #10	3/4"
7	40/2 OR 50/2 (2W)	(2) #8	(1) #10	3/4"
, 8	40/2 OR 50/2 (3W)	(3) #8	(1) #10	3/4"
9	40/3 OR 50/3 (3W)	(3) #8	(1) #10	3/4"
3 10	40/3 OR 50/3 (4W)	(4) #8	(1) #10	
11	60/1	(2) # 6	(1) #10	
		(2) #6		3/4"
12	60/2 (2W)		(1) #10	3/4"
13	60/2 (3W)	(3) #6	(1) #10	1"
14	60/3 (3W)	(3) #6	(1) #10	1"
15	60/3 (4W)	(4) #6	(1) #10	1"
16	70/2 OR 80/2 (2W)	(2) #4	(1) #8	1"
17	70/2 OR 80/2 (3W)	(3) #4	(1) #8	1-1/4
18	70/3 OR 80/3 (3W)	(3) #4	(1) #8	1-1/4
19	70/3 OR 80/3 (4W)	(4) #4	(1) #8	1-1/4
20	90/2 OR 100/2 (2W)	(2) #3	(1) #8	1"
21	90/2 OR 100/2 (3W)	(3) #3	(1) #8	1-1/4
22	90/3 OR 100/3 (3W)	(3) #3	(1) #8	1-1/4
23	90/3 OR 100/3 (4W)	(4) #3	(1) #8	1-1/4
24	110/3 (3W)	(3) #2	(1) #6	1-1/4
25	110/3 (4W)	(4) #2	(1) #6	1-1/2
26	125/3 (3W)	(3) #1	(1) #6	1-1/2
27	125/3 (4W)	(4) #1	(1) #6	1-1/2
28	150/3 (3W)	(3) #1/0	(1) #6	1-1/2
29	150/3 (4W)	(4) #1/0	(1) #6	2"
30	175/3 (3W)	(3) #2/0	(1) #6	2"
31	175/3 (4W)	(4) #2/0	(1) #6	2"
32	200/3 (3W)	(3) #3/0	(1) #6	2"
33	200/3 (4W)	(4) #3/0	(1) #6	2"
34	225/3 (3W)	(3) #4/0	(1) #4	2-1/2
35		(4) #4/0		2-1/2
	225/3 (4W)	(3) #250 KCMIL	(1) #4	2-1/2
36	250/3 (3W)	(4) #250 KCMIL	(1) #4 (1) #4	3"
37	250/3 (4W)	(3) #350 KCMIL		3"
38	300/3 (3W)		(1) #4	
39	300/3 (4W)	(4) #350 KCMIL	(1) #4	3"
40	350/3 (3W)	(3) #500 KCMIL	(1) #3	3-1/2
41	350/3 (4W)	(4) #500 KCMIL	(1) #3	3-1/2
42	400/3 (3W)	(3) #500 KCMIL	(1) #3	3–1/2
43	400/3 (4W)	(4) #500 KCMIL	(1) #3	3–1/2
44	500/3 (3W)	2 RUNS OF (3) - #250 KCMIL/PHASE	(1) #2	3"
45	500/3 (4W)	2 RUNS OF (4) - #250 KCMIL/PHASE	(1) #2	3"
46	600/3 (3W)	2 RUNS OF (3) - #350 KCMIL/PHASE	(1) #1	3"
47	600/3 (4W)	2 RUNS OF (4) - #350 KCMIL/PHASE	(1) #1	3 "
48	700/3 (3W)	2 RUNS OF (3) - #500 KCMIL/PHASE	(1) #1/0	3-1/2
49	700/3 (4W)	2 RUNS OF (4) - #500 KCMIL/PHASE	(1) #1/0	3-1/2
50	800/3 (3W)	2 RUNS OF (3) - #500 KCMIL/PHASE	(1) #1/0	3-1/2
51	800/3 (4W)	2 RUNS OF (4) - #500 KCMIL/PHASE	(1) #1/0	3-1/2
52	1000/3 (3W)	3 RUNS OF (3) - #500 KCMIL/PHASE	(1) #2/0	3–1/2
53	1000/3 (4W)	3 RUNS OF (4) - #500 KCMIL/PHASE	(1) #2/0	3-1/2
54	1200/3 (3W)	4 RUNS OF (3) - #350 KCMIL/PHASE	(1) #3/0	3-1/2
55	1200/3 (4W)	3 RUNS OF (4) - #600 KCMIL/PHASE	(1) #3/0	4" EXIS
56	1600/3 (3W)	5 RUNS OF (3) - #500 KCMIL/PHASE	(1) #4/0	3–1/2
57	1600/3 (4W)	5 RUNS OF (4) - #500 KCMIL/PHASE	(1) #4/0	3-1/2
58	2000/3 (3W)	6 RUNS OF (3) - #500 KCMIL/PHASE	(1) #250 KCMIL	3-1/2
59	2000/3 (4W)	6 RUNS OF (4) - #500 KCMIL/PHASE	(1) #250 KCMIL	3-1/2
60	3000/3 (3W)	8 RUNS OF (3) - #500 KCMIL/PHASE	(1) #200 KCMIL (1) #400 KCMIL	3-1/2
61		8 RUNS OF (4) - #500 KCMIL/PHASE	(1) #400 KCMIL	
	3000/3 (4W)	11 RUNS OF (3) - #500 KCMIL/PHASE	(1) #400 KCMIL (1) #500 KCMIL	3-1/2 3-1/2
62	4000/3 (3W)		TI TOU NOMIL	J-1/2

1. FEEDER SIZES ABOVE DO NOT ACCOUNT FOR VOLTAGE DROP. 2. WHERE PARALLEL RUNS ARE INDICATED, INSTALL THE EQUIPMENT GROUND LISTED IN EACH RUN.

- SPACE #1 OR #2 FOR TOP FEED AND BREAKER SPACE #41 OR #42 FOR BOTTOM FEED.

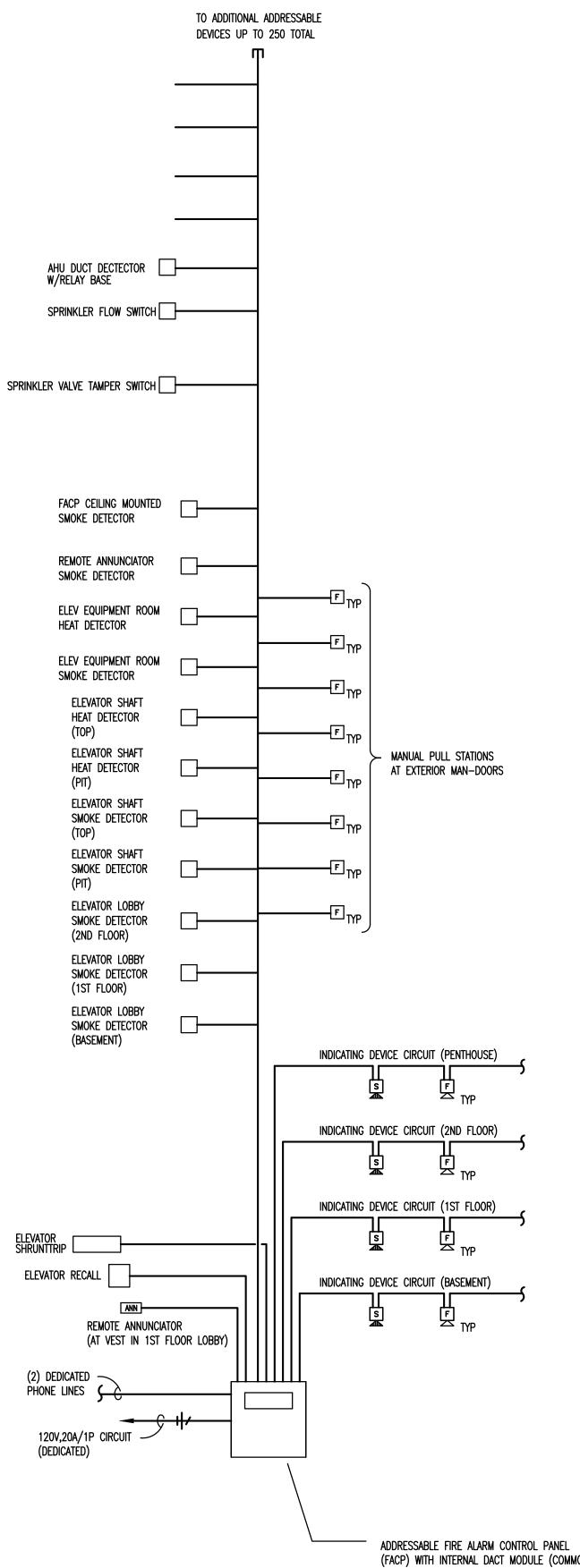


	REVISIONS	DATE	COUNCIL O	F STATE GOVER
1				2760 RESEARCH PA
3 4			RECORD DATE NOV. 2013	ELECI
5			DRAWN BY DB	
7 8			CHECKED BY ARK	DIVISION OF ENGINEE DEPARTMENT FOR F FRANKF
9			A & E FILE NO 1302.00 CSG13	
			NOV. 2013	
			AGENCY AUTHORIZED AGEN ⁻	Т
			DIVISION OF ENGINEERING	APPROVED FOR PR
				APPROVED FOR PR



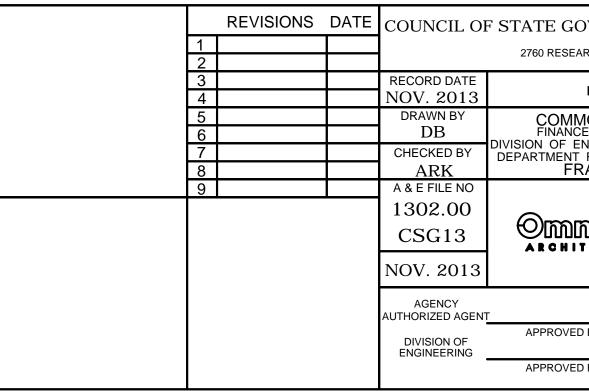
(TOP) (PIT) (TOP) (PIT)

ELEVATOR SHRUNTTRIP



(FACP) WITH INTERNAL DACT MODULE (COMMON EVENT REPORTING)

FIRE ALARM RISER DIAGRAM



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 MINMINUM OF 87dB. 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 MAINAIN 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 KEYED 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 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.
- 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
- 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.

F11. WIRE SIZE SELECTIONS FOR AUDIO/VISUAL UNITS SHALL BE CALCULATED AND SHALL BE IN ACCORDANCE

JURISDICTION, AS APPLICABLE. IT IS THE RESPONIBILITY OF THE CONTRACTOR TO CONFIRM ALL QUANITIES

	NTS - HEADQUARTER E LEXINGTON, KY 40511	S BUILDING
ELECTRICAL	DRAWING NO	
CE AND ADMIN ENGINEERING &	H OF KENTUCKY ISTRATION CABINET CONTRACT ADMINISTRATION ES AND SUPPORT SERVICES KENTUCKY	E-7.1
mi	212 North Upper Street Lexington, Kentucky 40507-1001 p 859.252.6664 f 859.253.2358 www.ompiarchitects.com	REVIEWED DIV. OF ENGR.
	www.oniniarchitects.com	ENGR. FILE NO 785-C6BR-BC01-00
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TYPE	DESCRIPTION	LIGHT FIXTURE SCHEDULE MODEL	LAMPS	BALLAST	VOLTAGE	HEIGHT	NOTES
							NOTES
A1	6" X 4' RECESSED LENSED FLUORESCENT TROFFER		(1) 28W T5	PROGRAMMED START	120V	CEIL.	1
A2	6" X 4' RECESSED LENSED FLUORESCENT TROFFER	LIGHTOLIER LYTCECEL 6 OR EQUAL	(2) 28W T5	PROGRAMMED START	120V	CEIL.	1
A3	2' X 4' RECESSED VOLUMETRIC FLUORESCENT TROFFER	LITHONIA 2RT5 OR EQUAL	(2) 28W T5	PROGRAMMED START (.95 BF)	MVOLT	CEIL.	1
A3D	SAME AS 'A3' EXCEPT WITH DUAL BALLASTS FOR SEPARATE SWITCHING.						1
A3D	SAME AS 'A3' EXCEPT WITH DIMMING BALLAST						1
A4	2' X 4' RECESSED VOLUMETRIC FLUORESCENT TROFFER	LITHONIA 2RT5 OR EQUAL	(2) 54W T5HO	PROGRAMMED START (.95 BF)	MVOLT	CEIL.	1
A5	6' RECESSED LINEAR SLOT GRID LED WITH CLEAR MICROPRISM LENS	SELUX M36 LED OR EQUAL	2200 LUMEN LED	DIMMING (0-10V)	120V	CEIL.	
A6D	2' X 4' RECESSED FLUORESCENT TROFFER	MARK MULTITASK SERIES OR EQUAL	(5) 28W T5	DIMMING BALLAST	120V	CEIL.	1
A7	24" X 36" BACKLIT MIRROR	SEURA LUMIN OR EQUAL	(2) 28W T5		120V		1
A8	4' NARROW FLUORESCENT STRIP FIXTURE	LIGHTOLIER SV SERIES OR EQUAL	(2) 28W T5	PROGRAMMED START	120V		1
D1	RECESSED LED DOWNLIGHT WITH 50 DEGREE DISTRIBUTION, MATTE ALZAK, 3000K, WHITE FINISH	NANOLED NXT LN10RD SERIES OR EQUAL	1000 LUMEN LED		120V	CEIL.	
D2	RECESSED LED DOWNLIGHT WITH 80 DEGREE DISTRIBUTION, CLEAR MATTE ALZAK, TECH ZONE COMPATIBLE TRIM, 3000K, WHITE FINISH	BEVELED2.0 3021 SERIES OR EQUAL	1700 LUMEN LED		120V	CEIL.	
D3	RECESSED LED DOWNLIGHT WITH 80 DEGREE DISTRIBUTION, CLEAR MATTE ALZAK, TECH ZONE COMPATIBLE TRIM, 3000K, WHITE FINISH	BEVELED2.0 3021 SERIES OR EQUAL	1200 LUMEN LED		120V	CEIL.	
D4	RECESSED WHITE DOWNLIGHT WITH 80 DEGREE DISTRIBUTION, CLEAR MATTE ALZAK, WET LOCATION LISTED, 3000K, WHITE FINISH	BEVELED2.0 3021 SERIES OR EQUAL	1200 LUMEN LED		120V	CEIL.	
D5	LED PENDANT WITH 80 DEGREE DISTRIBUTION, SATIN NICKLE FINISH, SOLITE FROSTED LENSE, 3000K	BEVELED2.0 LBRP6 SERIES OR EQUAL	1200 LUMEN LED		120V		
D6	SQUARE RECESSEDLED DOWNLIGHT, 3000K, WHITE FINISH	BEVELED2.0 3150 SERIES OR EQUAL	500 LUMEN LED		120V	CEIL.	
L1	PENDANT MOUNTED LINEAR FLUORESCENT WITH ALUMINUM FINISH	LIGHTOLIER F7000 SERIES OR EQUAL	(2) 28W T5		120V		1
L2	LED STRIP LIGHT, LENGTHS 2', 4', 8' AS REQUIRED.	LITHONIA ZL1 OR EQUAL	2800 LUMEN LED		MVOLT	CEIL.	
L3	LED TAPE LIGHT, WARM WHITE COLOR, LENGTH AS REQUIRED. 3000K	ELITE LB100 INDOOR OR EQUAL	LED		12V DC		
L4	12" LED UNDERCABINET LENSED FIXTURE	EDGE LIGHTING CIRRUS CHANNEL OR EQUAL	LED		24V DC	UC.	
OLF1	WALL MOUNTED LED FIXTURE WITH UP/DOWN NARROW DISTRIBUTION AND ALUMINUM HOUSING	BEGA LIGHTING 6516 LED SERIES OR EQUAL	900 LUMEN LED 3000K		120V		3
OLF2	CAST ALUMINUM BOLLARD WITH GLASS LENS AND SEALED LAMP ENCLOSURE. GLARE REDUCING GLASS REFRACTOR. 8" ROUND X 12" HIGH WITH FLAT TOP. POLYESTER POWDER COAT FINISH COLOR BY ARCHITECT.	SE'LUX MTRC SERIES BRMF OR EQUAL	LED 3000K		120V		3
OLF3	CAST ALUMINUM BOLLARD WITH GLASS LENS AND SEALED LAMP ENCLOSURE. GLARE REDUCING GLASS REFRACTOR. 8" ROUND X 42" HIGH WITH FLAT TOP. POLYESTER POWDER COAT FINISH COLOR BY ARCHITECT.	SE'LUX MTRC SERIES BRMF OR EQUAL	LED 3000K		120V		3
P1	DECORATIVE COMPACT FLUORESCENT PENDANT MOUNTED FIXTURE WITH INNER DIFFUSER	PHILIPS PS13SA SERIES OR EQUAL	13W 4-PIN TWIN TUBE		120V		
X1	SINGLE FACE VIRGIN ACRYLIC LED EXIT LIGHT	LITHONIA LRP SERIES OR EQUAL	LED		120V		2
X2	DOUBLE FACE VIRGIN ACRYLIC LED EXIT LIGHT	LITHONIA LRP SERIES OR EQUAL	LED		120V		2
	BALLAST COMBINATION TO HAVE FIVE YEAR WARRANTY FROM THE FIXTURE MANUFA D BE CIRCUITED TO NEAREST UNSWITCHED EMERGENCY POWER CIRCUIT.	CTURER.	1	1			

PANEL	BOARD:		2L		VOLTAGE:	208Y/120	AM	PERES:	10	00			nergei Branci	-					AIC:			
			LOAD													22.0			LOAD			
GND	CON	A	В	С	DESIGNATIO	N		WIRE	BKR	CKT		CKT	BKR	WIRE	DESIGNATIO	ON		A	В	С	CON	GNE
12	3/4"	1.02			LTG - RMS C	219, C224-C225		12	20	1		2	20	12	C204, C222	-C223, C226-	C227, C232	1.08			3/4"	12
12	3/4"		1.1		LTG CTRL P	NL		12	20	3	-	4	20	12	LTG CTRL F	NL			1.06		3/4"	12
12	3/4"			1.02	LTG CTRL P	NL		12	20	5		6	20	12	LTG CTRL F	NL				1.48	3/4"	12
12	3/4"	1.125			LTG CTRL P	NL		12	20	7		8	20	12	PENTHOUSE	ELIGHTING		0.612			3/4"	12
					SPACE ONLY	1				9		10			SPACE ONL	Y						
					SPACE ONLY	ſ				11		12			SPACE ONL	Y						
					SPACE ONLY	ſ				13		14			SPACE ONL	Y						
					SPACE ONLY	ſ				15		16			SPACE ONL	Y						
					SPACE ONLY	ſ				17		18			SPACE ONL	Y						
					SPACE ONLY	ſ				19		20			SPACE ONL	Y						
			1		SPARE				20/1	21		22	20/1		SPARE				1		_	
				1	SPARE				20/1	23		24	20/1		SPARE					1		
		1			SPARE				20/1	25		26	20/1		SPARE			1				
			1		SPARE				20/1	27		28	20/1		SPARE				1			
				1	SPARE				20/1	29		30	20/1		SPARE					1		
		3.1	3.1	3.0	SUB-TOTAL		KVA								KVA	SUB-TOT	AL	2.7	3.1	3.5		
															KVA	GROSS-1	OTAL	5.8	6.2	6.5		18

PANEL	BOARD:		1L		VOL TAGE:	208 Y/120	AM	PERES:	10	00			nerge Branc	-			AIC:					
			LOAD															LOAD				
GND	CON	Α	В	С	DESIGNATIO	N		WIRE	BKR	CKT		CKT	BKR	WIRE	DESIGNATION		А	В	C	CON	GNE	
12	3/4"	1.08			LTG - RMS C	C106-C109		12	20	1		2	20	12	LTG - RMS C105, C	C124, C129	0.84			3/4"	12	
12	<mark>3/4</mark> "		1.32		LTG - RMS C	C111, C114, C11	6-C119	12	20	3	-	4	20	12	LTG CTRL PNL			<mark>0.42</mark>		3/4"	12	
12	3/4"			1.16	LTG CTRL P	NL		12	20	5	-	6	20	12	LTG CTRL PNL				1.705	3/4"	12	
12	<mark>3/4</mark> "	1.24			LTG - RM C1	15		12	20	7		8	20	12	LTG CTRL PNL		0.632			3/4"	12	
					SPACEONLY	Y				9		10			SPACEONLY							
					SPACE ONL'	Y				11		12			SPACEONLY							
					SPACEONLY	Y				13		14			SPACEONLY							
					SPACE ONL'	Y				15	-	16			SPACE ONLY							
					SPACE ONL'	Y				17		18			SPACE ONLY							
					SPACE ONL'	Y				19	-	20			SPACEONLY							
			1		SPARE				20/1	21		22	20/1		SPARE			1				
				1	SPARE				20/1	23		24	20/1		SPARE				1			
		1			SPARE				20/1	25		26	20/1		SPARE		1					
			1		SPARE				20/1	27		28	20/1		SPARE			1				
				1	SPARE				20/1	29		30	20/1		SPARE				1			
		3.3	3.3	3.2	SUB-TOTAL		KVA								KVA SUE	3-TOTAL	2.5	2.4	3. <mark>7</mark>			
															KVA GR	OSS-TOTAL	5.8	<mark>5.7</mark>	<mark>6.9</mark>		18	

PANEL	Board:		BL		VOLTAGE: 208Y	/120 AMI	PERES:	#NA	ME?		nerge Brancl	-					AIC:			
			LOAD														LOAD			
GND	CON	A	В	С	DESIGNATION		WIRE	BKR	CKT	CKT	BKR	WIRE	DESIGNATI	ON		A	В	С	CON	GI
12	3/4"	0.96			LTG - RMS 0003-00	04C, C015	12	20	1	2	20	12	LTG - RMS	0010-0012		1.005			3/4"	1
12	3/4"		0.94		LTG - RMS C006-C00)7	12	20	3	4	20	12	LTG CTRL	PNL			1.2		3/4"	1
12	3/4"			0.96	LTG CTRL PNL		12	20	5	6	20	12	LTG CTRL	PNL				1.16	3/4"	1
12	3/4"	0.6			LTG - RM 0014		12	20	7	8	20	12	LTG - RM C	:013		0.84			3/4"	1
12	3/4"		1		LTG CTRL PNL		12	20	9	10			SPACEON	Y						
					SPACE ONLY				11	12			SPACEON	_Y						
					SPACE ONLY				13	14			SPACEON	Y						
					SPACE ONLY				15	16			SPACEON	_Y						
					SPACE ONLY				17	18			SPACEON	_Y						
					SPACE ONLY				19	20			SPACEON	_Y						
			1		SPARE			20/1	21	22	20/1		SPARE				1			
				1	SPARE			20/1	23	24	20/1		SPARE					1		
		1			SPARE			20/1	25	26	20/1		SPARE			1				
			1		SPARE			20/1	27	28	20/1		SPARE				1			
				1	SPARE			20/1	29	30	20/1		SPARE					1		
		2.6	<mark>3.9</mark>	3.0	SUB-TOTAL	KVA							KVA	SUB-T	OTAL	2.8	3.2	3.2		
													KVA	GROSS	S-TOTAL	5.4	7.1	6.1		
													FED FROM:		MDP					

LIGHTING	CONTROL PA	ANEL SCHED	ULE "2LC"
RELAY #	FED FROM	RATING	SERVES
1	2L-3	20A	C209-C214
2	2L-3	20A	C215
3	2L-3	20A	C216
4	2L-3	20A	C218
5	2L-3	20A	C220
6	2L-4	20A	C221
7	2L-4	20A	C221
8	2L-4	20A	C221
9	2L-4	20A	C221
10	-	20A	SPARE
11	2L-4	20A	C229-C231
12	2L-5	20A	C201-C203
13	2L-5	20A	C233-C241
14	2L-6	20A	C200B
15	2L-6	20A	MAIN STAIR
16	2L-7	20A	C200A
17	2L-7	20A	C205-C208
18	2L-8	20A	C301
19	-	20A	SPARE
20	-	20A	SPARE
	NEL TO BE FUF ND INSTALLED		

LIGHTING	CONTROL P	ANEL SCHEDU	JLE "1LC"
RELAY #	FED FROM	RATING	SERVES
1	1L-4	20A	EXT LTG
2	1L-4	20A	EXT LTG
3	1L-5	20A	C101
4	1L-5	20A	C103
5	-	20A	SPARE
6	1L-5	20A	C125-C128
7	1L-5	20A	C120-C123
8	1L-6	20A	C100A-C100B
9	1L-7	20A	C110
10	1L-7	20A	C112
11	1L-8	20A	COVE LTG
12	1L-8	20A	PLAQUE LTG
13	I	20A	SPARE
14	I	20A	SPARE
<mark>1</mark> 5	-	20A	SPARE
<mark>16</mark>	-	20A	SPARE
	NEL TO BE FUF ND INSTALLED		

LIGHTING	CONTROL PA	ANEL SCHEDU	JLE "BLC"
RELAY #	FED FROM	RATING	SERVES
1	BL-4	20A	C005
2	BL-4	20A	C009
3	BL-5	20A	C002
4	BL-5	20A	C016
5	BL-5	20A	C016
6	BL-5	20A	C016A
7	BL-5	20A	C016B
8	BL-6	20A	C005
9	BL-6	20A	C008
10	BL-9	20A	COURTYARD
11	-	20A	SPARE
12	-	20A	SPARE
RELAY PA	NEL TO BE FUF	NISHED BY DI	VISION 25
A	ND INSTALLED	BY DIVISION	26

	REVISIONS	DATE	COUNCIL OF	F STATE GOVERNME	NTS - HEADQUARTER	S BUILDING
1				2760 RESEARCH PARK DRIV	E LEXINGTON, KY 40511	
3 4			RECORD DATE NOV. 2013	FIXTURE AND PA	NEL SCHEDULES	DRAWING NO
5 6			DRAWN BY	COMMONWEALT FINANCE AND ADMIN	H OF KENTUCKY	E-8.0
7 8			CHECKED BY ARK	DIVISION OF ENGINEERING & DEPARTMENT FOR FACILITI FRANKFORT,	CONTRACT ADMINISTRATION ES AND SUPPORT SERVICES KENTUCKY	
9			A & E FILE NO 1302.00 CSG13	Ommi 🔈	212 North Upper Street Lexington, Kentucky 49507-1001	REVIEWED DIV. OF ENGR.
			NOV. 2013	ARCHITECTS	p 859.252.6664 f 859.253.2358 www.omniarchitects.com	ENGR. FILE NO 785-C6BR-BC01-00
			AGENCY AUTHORIZED AGEN DIVISION OF ENGINEERING	APPROVED FOR PROGRAM	DAT	
				APPROVED FOR PROGRAM	I CONCEPT ONLY	

PANEL	BOARD:		BP		VOLTAGE:	208Y/120	AM	PERES:	1	50		nerge Branc	-			
GND	CON	A	LOAD B	С	DESIGNATIO	N		WIRE	BKR	СКТ	скт	BKR	WIRE	DESIGNATI	ON	
12	3/4"	1.20			RCPT - RMS	C002, C004-C00)4C	12	20	1	2	20	12	RCPT - RM	C005	
12	3/4"		1.00		RCPT - RMS	C003, C006-C00)7	12	20	3	4	20	12	RCPT - RMS	5 0008-0009	9
12	3/4"			1.00	WATER FOU	NTAIN		12	20	5	6	20	12	RCPT - RM	C010	
12	3/4"	1.00			RCPT - RM C	010		12	20	7	8	20	12	RCPT - RM	C011	
12	3/4"		1.00		0011 - ICE M	ACHINE		12	20	9	10	20	12	C011 - REF	RIGERATIO	R
				2.50	0011 - OVEN	I				11	12	20	12	C011 - DISH	WASHER	
		2.50								13	14	20	12	RCPT - RM	C011	
12	3/4"		1.00		C011 - MICRO	OWAVE		12	20	15	16	20	12	RCPT - RM	C012	
12	3/4"				0012 - RACK	(12	20	17	18	20	12	RCPT - RM	C013	
12	3/4"	1.00			RCPT - RM C	013		12	20	19	20	20	12	RCPT - RM	C013	
12	3/4"		0.80		RCPT - RM C	014		12	20	21	22	20	12	RCPT - RMS	6 0014-001	5
12	3/4"			0.80	RCPT - RM C	005		12	20	23	24	20	12	RCPT - RM	C016	
					SUMP PUMP					25	26	20	12	RCPT - RM	C010	
			1.00		GEOTHERMA	L VLT SUMP PL	JMP	12	20	27	28	20	12	RCPT - KITO	CHEN EXT W	ALL
				1.00	SPARE				20/1	29	30	20/1		SPARE		
		1.00			SPARE				20/1	31	32	20/1		SPARE		
			1.00		SPARE				20/1	33	34	20/1		SPARE		
				1.00	SPARE				20/1	35	36	20/1		SPARE		
		1.00			SPARE				20/1	37	38	20/1		SPARE		
			<mark>1.00</mark>		SPARE				20/1	39	40	20/1		SPARE		
				1.00	SPARE				20/1	41	42	20/1		SPARE		
		7.7	6.8	7.3	SUB-TOTAL		KVA							KVA	SUB-TO	TAL
														KVA	GROSS	-TOT
														FED FROM:		M

FA	NEL	BO/	٩RD	AN		NG SCH	EDU	ILE														
PANEL	Board:		BM		VOLTAGE:	208Y/120	AM	PERES:	4(00			nerge Branc						AIC:			
			LOAD																LOAD			
GND	CON	A	В	С	DESIGNATIO	Ν		WIRE	BKR	CKT		CKT	BKR	WIRE	DESIGNATIO	NC		A	В	С	CON	GND
<mark>1</mark> 2	3/4"	1.33			VHP-24			12	15/3	1		2	<mark>30/3</mark>	10	VHP-36			2.34			3/4"	10
~	-		1.33					12	-	3		4	-	10					2.34			-
12	1			1.33				12	C	5		6	2	10						2.34	12	-
12	3/4"	1.33			VHP-24			12	15/3	7		8	35/3	8	VHP-42			3.01			1"	10
-	-		<mark>1.3</mark> 3					12	-	9		10	-	8					3.01		-	-
	-			1.33				12	-	11		12	-	8						3.01		-
12	3/4"	1.33			VHP-24			12	15/3	13		14	15/2	12	VHP-12			0.71			3/4"	12
			1.33					12	-	15	-	16		12					0.71		17	-
-	-			1.33				12	-	17	-	18	15/2	12	VHP-12					0.71	3/4"	12
1"	10	3.01			VHP-42			8	35/3	19	-	20	2	12	-			0.71			12	-
-	-		3.01					8	-	21		22	15/2	12	VHP-09				0.58		3/4"	12
-	-			3.01				8	-	23	-	24	-	12						0.58	-	-
1"	10	3.01			VHP-42			8	35/3	25	-	26	15/2	12	VHP-24			1.07		1	3/4"	12
	-		3.01					8	-	27		28	-	12					0.94			-
-	-			3.01				8	-	29		30	15/2	12	VHP-18					1.18	3/4"	12
3/4"	12	1.50			WH-1			12	20/3	31	-	32	-	12				1.18			-	-
2	2		1.50					12		33		34	15/2	12	VHP-06				0.49		3/4"	12
-	-			1.50				12	-	35	-	36	-	12						0.49	-	-
2"	8	14.86			WWHP-2			1	100/3	37	-	38	20	12	EF-1			0.25			3/4"	12
-	-		14.86					1	-	39		40	15/2	12	HHP-18				1.18		3/4"	12
	-			14.86				1	-	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		(<u>-</u>)	-
										47	-	48	u i	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					12	2	51		52	-	8					0.00	1	-	-
-	-			1.00				12	-	53		54	-	8						0.00	1-1	-
		28.5	28.5	27.4	SUB-TOTAL		KVA		1		1000000000	1	1		KVA	SUB-TO	TAL	11.4	11.4	11.6		1
															KVA	GROSS	TOTAL	39.9	39.9	39.0		118.8
															FED FROM:		MDP				1	

PANEL	BOARD:		SP2	2	VOLTAGE:	208Y/120	АМ	PERES:	6	0		nerge Branc		YES				AIC:			
	001		LOAD					MIDE	DI (D	ar	art	DI/D		DECIONAT	<u>.</u>			LOAD		001	ONT
GND	CON	А	В	С	DESIGNATIO	N		WIRE	BKK	CKT	CKT	BKK	WIRE	DESIGNAT	ON		Α	В	С	CON	GNE
12	3/4"	1			ELECTRIC LC	OCKS - BASEME	TI	12	20	1	2	20	12	COMM ROO	OM RACK ROP	ग	1			3/4"	12
12	3/4"		1		SECURITY C	TRL PANEL		12	20	3	4	20	12	COMM ROO	OM RACK RCF	ग		1		3/4"	12
12	3/4"			1	ELECTRIC LC	ocks - First Fl	OOR	12	20	5	6	20	12	COMM ROO	OM RCPT			0.54		3/4"	12
										7	8										
										9	10										
										11	12										
										13	14										
				:						15	16										
										17	18										
										19	20										
										21	22								1		
										23	24										
										25 27	26 28										
										27	28 30										
		1.0	1.0	1.0	SUB-TOTAL		KVA			23	50			KVA	SUB-TOT	AL	1.0	1.0	0.0		
		and a status of	Con David	to the second]						KVA	GROSS-1		2.0	2.0	1.0		5

						Floor Fitting	Schedule
	Device			Co	nnectio	ns	
Callout	Basis of Design	15A Recept	Voice	Data	CATV	A/V	Туре
FB1	Wiremold EFB6S-OG	Duplex - 2ea.	-	2	-	VGA	Powered extender pair
						HDMI	Powered extender pair
						1/8" Stereo Mini	Belden 82760
						Spare **	
FB2	Wiremold 4FFATC	Furn Connect	-	4	»=	-	
FB3	Wiremold RC7	Duplex - 2ea.	-	2	-	-	
FB4	Wiremold 6AT	Duplex - 1ea.	-	2		VGA	Preterminated
						HDMI	Preterminated
						1/8" Stereo Mini	Belden 82760
FB5	Wiremold 4FFATC	Furn Connect	-	8	, _ ·	-	
FB6	Wiremold 4FFATC	Furn Connect	-	2		-	
NOTES: '	* Electronic equipment	t is Owner-Furn	ished, O	wner-Ir	nstalled	l	1
**	* Provide one spare 11 accessible ceiling spa				floor bo	x. Provide one spare 2	" conduit from each 6" deep a

	AIC:			
	AIC.			
	LOAD		CON	GND
Α	В	С	WN	GND
1.00			3/4"	12
	0.80		3/4"	12
		1.00	3/4"	12
0.80			3/4"	12
	1.00		3/4"	12
		1.00	3/4"	12
0.60			3/4"	12
	0.80		3/4"	12
		0.80	3/4"	12
0.80			3/4"	12
	1.00		3/4"	12
		1.00	3/4"	12
1.00			3/4"	12
	1.00		3/4"	12
		1.00		
1.00				
	1.00			
		1.00		
1.00				
	1.00			
		1.00		
6.2	6.6	6.8		
13.9	13.4	<mark>14.1</mark>		41.4

ANEL	BOARD	AND WIE	RING SCH	EDULE												P	ANE	LBC	DAR	D ANI	D WIRING SCH	EDU	LE									
NELBOARD:	1P	VOL TA	GE: 208 Y/120	AMPERES	: 15	0		nergen Branch	-				AIC:			PAN	IEL BOA	RD:	2F		VOLTAGE: 2089/120	AMP	ERES:	150		merge Bran	-			AIC:		
ID CON	LOAD A B	C DESIGN/	TION	WRE	BKR	акт	СКТ	BKR	WRE	DESIGNATION		A	LOAD B	C CON	GND	GN		N A	LOA B	D C	DESIGNATION	,	WIRE	BKR CKT	СКТ	BKR	WIRE	DESIGNATION		LOAD A B	С	CON G
2 3/4"	1	RCPT - F	M C109	12	20	1	2	20	12	RCPT - RM C109		0.8		3/4"	12	12	3/4	" 1			RCPT - RM C217,C219		12	20 1	2	20	12	RCPT - CORR C2	200B	1		3/4" (
2 3/4"	1	RM C11	- REFRIGERATOR	12	20	3	4	20	12	RM C115 - REFRI	GERATOR		1	3/4"	12	12	3/4		1		RCPT - RM C219		12	20 3	4	20	12	RCPT - RM C224	-C225, C221	1		3/4"
2 3/4"		1 RM C115	- MICROWAVE	12	20	5	6	20	12	RM C115 - DISHW	/ASHER		;	1 3/4"	12	12	3/4	"		0.8	RCPT - RM C221		12	20 5	6	20	12	RM C221 - MICRO	OWAVE		1	3/4"
2 3/4"	1	RM C11	- MICROWAVE	12	20	7	8	20	12	RCPT - RM C115		0.4		3/4"	12	12	3/4	" 1			RM C221 - REFRIGERATOR		12	20 7	8	20	12	RCPT - CORR C	200A-C200B	0.8		3/4"
2 3/4"	0.8	RCPT - F	M C115	12	20	9	10	20	12	RCPT - RM C115			1	3/4"	12	12	3/4	"	1.4		RCPT - RM C229		12	20 9	10	20	12	RM C221 - DISH	WASHER	1		3/4"
2 3/4"		0.8 RCPT - F	MS C100B, C117-C	118 12	20	11	12	20	12	RCPT - RMS C120)-C121		ľ	1 3/4"	12	12	3/4	"		1.2	RCPT- RM C230-C232		12	20 11	12	20	12	RCPT - RM C231			1	3/4"
2 3/4"	1.2	RCPT - F	MS C122-C124	12	20	13	14	20	12	RCPT - RMS C125	5-C126	1		3/4"	12	12	3/4	" 1			RCPT - RM C233		12	20 13	14	20/1		SPARE		1		
2 3/4"		RCPT - F	MS C127-C128	12	20	15	16	20	12	RCPT - RMS C125	5-C126		1	3/4"	12	12	3/4	"	1		RCPT - RM C233		12	20 15	16	20	12	RCPT - RM C235		1		<mark>3/4</mark> "
3/4"		RCPT - F	MS C127-C128	12	20	17	18	20	12	RCPT - C100B, C	113		l i	1 3/4"	12	12	3/4	"		1	RCPT - RM C240-C241		12	20 17	18	20	12	RCPT - RM C236			1	3/4"
	1	SPARE			20/1	19	20	20	12	RCPT - RMS C103	3, C129	1.2		3/4"	12	12	3/4	" 1			RCPT - RM C201		12	20 19	20	20	12	RCPT - RM C202	-C203	1		3/4"
3/4"	1.2	RCPT - F	M C103	12	20	21	22	20	12	RCPT - RM C104-	C105		1	3/4"	12	12	3/4	"	1		RCPT - RM C204, CORR. 200	B	12	20 21	22	20/1		SPARE		1		
3/4"		1.2 RCPT - F	M C105	12	20	23	24	20	12	RCPT - RM C106			÷0.	8 3/4"	12	12	3/4	"		1	RCPT - RM C206-C207		12	20 23	24	20	12	RCPT - RM C208	-C209		1	3/4"
3/4"	0.8	RCPT - F	M C107	12	20	25	26	20	12	RCPT - RM C108		0.8		3/4"	12	12	3/4	" 1			RCPT - RM C210-C211		12	20 25	26	20	12	RCPT - RM C212	-C213	1		3/4"
3/4"	1	RCPT - F	M C110	12	20	27	28	20	12	RCPT - RMS C110)		0.4	3/4"	12	12	3/4	"	1		RCPT - RM C215		12	20 27	28	20	12	RCPT - RM C215	1	0.8		3/4"
3/4"		0.8 RCPT - F	M C111	12	20	29	30	20	12	RCPT - C112 RAC	ж		1	1 3/4"	12	12	3/4	"		1	RCPT - RM C215		12	20 29	30	20	12	RCPT - RM C216			1.2	<mark>3/4</mark> "
3/4"	0.88	RCPT - C	ORR C100A TV'S	12	20	31	32	20	12	RM C116 - COPIE	R	1.0		3/4"	12	12	3/4	" 1			RCPT - RM C218		12	20 31	32	20	12	RCPT - RM C220	, C222	1.0		3/4"
3/4"	1.2	RCPT - F	M C116-C116A	12	20	33	34	20	12	RCPT - RM C119			1.0	3/4"	12	12	3/4		1		RCPT - RM C223		12	20 33	34	20	12	RCPT - RM C226	-C227	1.4		3/4"
2 3/4"		1 WATER	OUNTAIN	12	20	35	36	20	12	ROPT - EXTERIOR	COLUMN		0.	6 3/4"	12	12	3/4	"		1	RM C221 - DISHWASHER		12	20 35	36			SPACE ONLY				
2 3/4"	0.6	RCPT - E	XTERIOR COLUMN	12	20	37	38			SPACE ONLY											SPACE ONLY			37	38			SPACE ONLY				
		SPACE	NLY			39	40			SPACE ONLY											SPACE ONLY			39	40			SPACE ONLY				
		SPACE	NLY			41	42			SPACE ONLY											SPACE ONLY			41	42			SPACE ONLY				
		SPACE	NLY			43	44			SPACE ONLY											SPACE ONLY			43	44			SPACE ONLY			3	
	1	SPARE			20/1	45	46	20/1		SPARE			1.0						1		SPARE		2	20/1 45	46	20/1	0	SPARE		1.0		
		1 SPARE			20/1	47	48	20/1		SPARE			1.	0		1				1	SPARE		2	20/1 47	48	20/1		SPARE			1.0	
	1.0	SPARE			20/1	49	50	20/1		SPARE		1.0				1		1			SPARE		2	20/1 49	50	20/1		SPARE		1.0		
	1	SPARE			20/1	51	52	20/1		SPARE			1.0			1			1		SPARE		2	20/1 51	52	20/1		SPARE		1.0		
		1 SPARE			20/1	53	54	20/1		SPARE			1.	0		1				1	SPARE		2	20/1 53	54	20/1		SPARE			1.0	
	7.5 7.2	6.8 SUB-TO	TAL	KVA		00000		. I		KVA SU	JB-TOTAL	6.2	7.4 7.	4	1	1 -	1	7.0	8.4	8.0	SUB-TOTAL	KVA	I	1 83			1	KVA S	UB-TOTAL	6.8 8.2	7.2	I
	I									KVA GI	ROSS-TOTAL	13.7	14.6 14	.2	42.5	5												KVA G	ROSS-TOTAL	13.8 16.6	15.2	
										FED FROM:	MDP				16.1													FED FROM:	MDP			

PANELBOARD AND WIRING SCHED	JLE			PANELI	BOARD AND	D WIRING SCHEDU	LE				
PANELBOARD: 1M VOLTAGE: 208 Y/120 AT	PERES: 150	Emergency Branch:	AIC:	PANEL BOARD:	2M	VOLTAGE: 208Y/120 AMP	ERES: 150	Emergency Branch:		AIC:	
PANEL BOARD: 1 M VOL TAGE: 208 Y/120 AI GND CON A B C DESIGNATION DESIGNATION	PERES: 150 WIRE BKR CKT 12 15/3 1 12 - 3 12 - 5 12 15/3 7 12 - 9 12 - 11 12 - 11 12 - 11 12 - 11 12 - 11 12 - 11 12 - 11 12 - 11 12 - 11 12 - 11 12 - 13 15 15 15 16 17 19 17 20/3 19 16 - 23 17 20/3 25 17 27 27	Branch: BKR WIRE DESIG CKT BKR WIRE DESIG 2 15/3 12 HHP-2 4 - 12 6 - 12 8 15/2 12 HHP-0 10 - 12 12 15/2 12 HHP-0 14 - 12 16 I SPAC	A B C CON GND 24 1.33 3/4" 12 24 1.33 - - 1.33 - 24 1.33 - 1.33 - 26 0.49 06 0.49 06 0.49 06 0.49 06 06 06 06 0.49 0.49 0.20NLY 2E ONLY 1.0 2 1.0	GND CON 12 3/4" 12 3/4" 12 3/4" - 12 3/4"	LOAD A B C 1.33		ERES: 150 WIRE BKR CKT 12 15/3 1 12 - 3 12 - 5 12 15/2 7 12 15/2 7 12 15/2 7 12 15/3 11 12 - 13 12 - 13 12 - 15/3 12 - 13 12 - 15/3 12 - 15/3 12 - 15/3 12 - 15/3 12 - 21 - 23 - 15/3 25 - - 27 -	Branch:	HHP-24 - -	LOAD CC A B C C 1.33	ON GND /4" 12 -/4" 12 /4" 12 - - - - - - - - - - - - -
4.7 4.7 4.7 SUB-TOTAL KV/	- 29	30	GROSS-TOTAL 9.0 8.5 8.5 25.9		1 1 5.8 5.8 4.7	 SUB-TOTAL KVA	- 27	30 -	 KVA SUB-TOTAL KVA GROSS-TOTAL FED FROM: MDP	1.0 1.0 4.4 4.3 3.3 10.2 10.1 8.0	28.3

ANEL	BOARD:		EP2		VOL TAGE:	208Y/120	AMI	PERES:	4	0			nerge Branc		YES				AIC:			
GND	CON	A	LOAD B	С	DESIGNATIO	N		WRE	BKR	СКТ		CKT	BKR	WRE	DESIGNAT	ION		A	LOAD B	С	CON	GN
12	3/4"	1			FIREALARM	CTRL PANEL		12	20	1	-	2	20	12	BASEMEN	T NIGHT LTG		0.5			3/4"	12
12	3/4"		0.5		STAIRWELL	LTG		12	20	3		4	20	12	BASEMEN	T EMERGENCY	' LTG		0.5		3/4"	12
										5		6										
										7	_	8										
										9	-	10						_				
										11	-	12							<u> </u>			
										13	-	14							3			
										15 17	-	16										
										17	-	18 20										
										21		20							2			
										23		24										
										25		26										
										27		28										
										29		30										
		1.0	0.5	0.0	SUB-TOTAL		KVA		1			•		1	KVA	SUB-TOT	TAL	0.5	0.5	0.0		
															KVA	GROSS-	TOTAL	<mark>1.</mark> 5	1.0	0.0		2
															FED FROM	1:						

A/\	/ Cable
	Connect To
air via <mark>C</mark> at6 cable	Matrix Switch in A/V Cabinet *
air via Cat6 cable	Matrix Switch A/V Cabinet *
	Amplifier A/V Cabinet *
	-
	Wall Monitor
	Wall Monitor
	Wall Monitor (RCA)

PANEL	BOARD:	3M			VOLTAGE: 208Y/120	AMPERES:	: #NAME?		Emergency Branch:					AIC:				
		LOAD													LOAD			1
GND	CON	Α	В	С	DESIGNATION	WIRE	BKR	CKT	CKT	BKR	WIRE	DESIGNATI	ON	Α	В	С	CON	GN
12	3/4"	0.71			VHP-12	12	15/2	1	2	15/2	12	VHP-09		0.58			3/4"	1
-	-		0.71			12	-	3	4	-	12	-			0.58		-	
12	3/4"			1.18	VHP-18	12	15/2	5	6	15/2	12	VHP-12				0.71	3/4"	1
-	-	1.18				12	-	7	8	-	12	-		0.71			-	
12	3/4"		0.58		VHP-09	12	15/2	9	10	15/3	12	VHP-24			1.33		3/4"	
-	-			0.58		12	-	11	12	-	12	-				1.33	-	1
12	3/4"	1.33			VHP-24	12	15/3	13	14	Ľ.	12	-		1.33			Π.	
-	-		1.33			12	-	15	16	15/3	12	VHP-24			1.33		3/4"	
-	-			1.33		12	L.	17	18	-	12	-				1.33	-	
10	1"	5.28			WWHP-2	6	60/3	19	20	6	12	~		1.33				
1 - 0	E.		5.28			6	L.	21	22	20/3	12	OA-1 SUP	PLY FAN		1.12		3/4"	1
27	2			5.28		6	2	23	24	а	12					1.12	17	
12	3/4"	0.30			ENERGY RECOVERY WHEEL	12	15/3	25	26	-	12			1.12			-	
120	-		0.30			12		27	28	15/3	12	OA-1 EXH	AUST FAN		0.73		<mark>3/4</mark> "	
120	-			0.30		12	-	29	30	F.	12					0.73	-	
8	1-1/2"	<mark>7</mark> .50			UH-1	2	90/2	31	32	-	12			0.73			-	
8	1-1/2"		7.50			2	-	33	34	20	12	P-3			0.30		<mark>3/4</mark> "	1
								35	36	20	12	ROPT - PEN	ITHOUSE			0.80	3/4"	Ŋ
		1.00			SPARE		15/3	37	38	15/3		SPARE		1.00				
			1.00				-	39	40	÷					1.00			
				1.00			=	<mark>41</mark>	42	п						1.00		
		17.3	16.7	9.7	SUB-TOTAL K	VA						KVA	SUB-TOTAL	6.8	<u>6.4</u>	7.0		
												KVA	GROSS-TOTAL	24.1	23.1	16.7		

1	REVISIONS	DATE	COUNCIL OI	F STATE GOVERNME	NTS - HEADQUARTER E lexington, ky 40511	S BUILDING
2 3 4 5			RECORD DATE NOV. 2013 DRAWN BY	FIXTURE AND PA COMMONWEALT FINANCE AND ADMIN		
6 7 8			DB CHECKED BY ARK	FINANCE AND ADMIN DIVISION OF ENGINEERING 8 DEPARTMENT FOR FACILITI FRANKFORT,		
9		I	A & E FILE NO 1302.00 CSG13		212 North Upper Street Lexington, Kentucky 40507-1001 p 859.252.6664 f 859.253.2358 www.omniarchitects.com	REVIEWED DIV. OF ENGR.
			NOV. 2013			ENGR. FILE NO 785-C6BR-BC01-00
			AGENCY AUTHORIZED AGEN ⁻ DIVISION OF ENGINEERING	APPROVED FOR PROGRAM	'E	