SEDGWICK COUNTY, KANSAS
DIVISION OF FINANCE
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ADDENDUM 1
RFB #23-0062
HEALTH DEPARTMENT FACILITY IMPROVEMENTS

November 21, 2023

The following is to ensure that vendors have complete information prior to submitting a proposal. Here are some clarifications regarding the bid for RFB # 23-0062 Health Department Facility Improvements.

Questions and/or statements of clarification are in **bold** font, and answers to specific questions are *italicized.*

Bid Form Item 8 COMPLETION DATE: change to read:
"The Undersigned agrees to reach substantial completion of the Work no later than May 15, 2024 and final completion of the Work no later than May 31, 2024. Assume a notice to proceed date of approximately December 27th, 2023."

Section 08 80 00 Glazing 2.4 Film A. Add the following:
"or equal by 3M Scotchshield"

Q. On Sheet E-2.0 there is a reference for a detail 4. There is only two details on the page.

A. See updated plan.

Q. What code reference is utilized to preclude installation of notification in public and common spaces? I.e. end of corridors, public, common spaces

A. See updated plans for added devices.

Q. What code reference is utilized to preclude installation of notification in the courtyard?

A. See updated plans for added devices.

Q. In the Auditorium the ceiling is not flat and there is a divider in the center of the room, is this where they are expecting the notification device to be installed?

A. Updated plans to add devices.

Q. Panel I shown to be Demo But does not show being replaced on one-line is that correct?

A. This panel is being replaced. Added to riser diagram.

Q. Can F/A be open Cable above drop ceiling?

A. Yes, this will be allowed above accessible ceilings. J-hooks or other support shall be used.

Q. Note 7 on E-2.0 says re-install existing Lights. Is this correct?

A. No - new fixtures are to be provided. See updated plan notes.

Q. CP-01 shows VFD on Electrical prints but calls out for a soft starter on the Mechanical Schedule. Which is correct?

A. See updated on plans. EC to provide starter.

Firms interested in submitting a ***bid*** must respond with complete information and **deliver on or before 1:45 pm *CST, November 28, 2023*.** Late ***proposals or bids*** will not be accepted and will not receive consideration for final award.

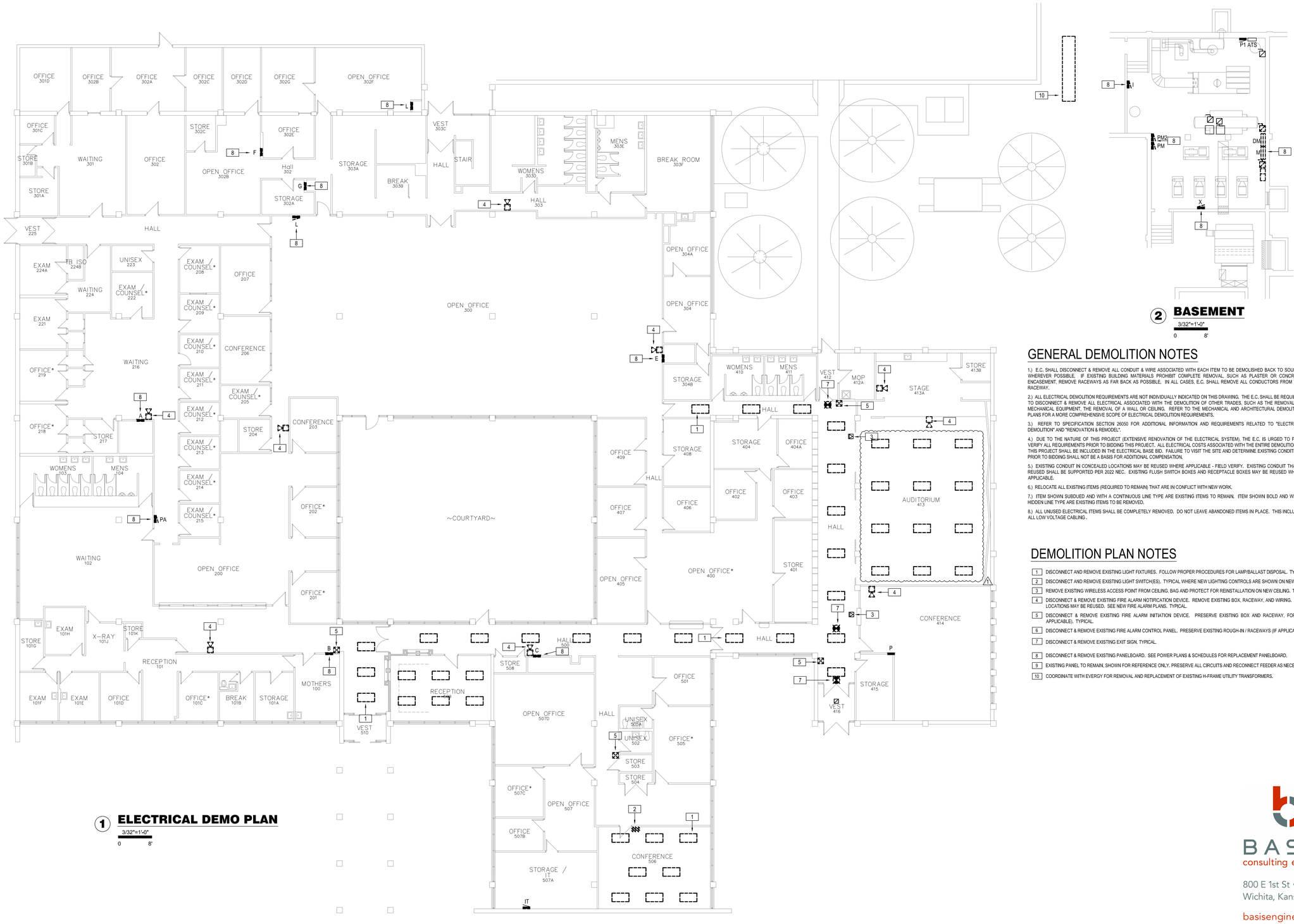
"PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE *PROPOSAL/BID* RESPONSE PAGE."

Lee Barrier

_____

Lee Barrier

Purchasing Agent



1 ELECTRICAL DEMO PLAN

3/32"=1'-0"

0 8'

2 BASEMENT

3/32"=1'-0"

0 8'

GENERAL DEMOLITION NOTES

1.) E.C. SHALL DISCONNECT & REMOVE ALL CONDUIT & WIRE ASSOCIATED WITH EACH ITEM TO BE DEMOLISHED BACK TO SOURCE WHEREVER POSSIBLE. IF EXISTING BUILDING MATERIALS PROHIBIT COMPLETE REMOVAL, SUCH AS PLASTER OR CONCRETE ENCASEMENT, REMOVE RACEWAYS AS FAR BACK AS POSSIBLE. IN ALL CASES, E.C. SHALL REMOVE ALL CONDUCTORS FROM THE RACEWAY.

2.) ALL ELECTRICAL DEMOLITION REQUIREMENTS ARE NOT INDIVIDUALLY INDICATED ON THIS DRAWING. THE E.C. SHALL BE REQUIRED TO DISCONNECT & REMOVE ALL ELECTRICAL ASSOCIATED WITH THE DEMOLITION OF OTHER TRADES, SUCH AS THE REMOVAL OF MECHANICAL EQUIPMENT, THE REMOVAL OF A WALL OR CEILING. REFER TO THE MECHANICAL AND ARCHITECTURAL DEMOLITION PLANS FOR A MORE COMPREHENSIVE SCOPE OF ELECTRICAL DEMOLITION REQUIREMENTS.

3.) REFER TO SPECIFICATION SECTION 26050 FOR ADDITIONAL INFORMATION AND REQUIREMENTS RELATED TO "ELECTRICAL DEMOLITION" AND "RENOVATION & REMODEL".

4.) DUE TO THE NATURE OF THIS PROJECT (EXTENSIVE RENOVATION OF THE ELECTRICAL SYSTEM), THE E.C. IS URGED TO FIELD VERIFY ALL REQUIREMENTS PRIOR TO BIDDING THIS PROJECT. ALL ELECTRICAL COSTS ASSOCIATED WITH THE ENTIRE DEMOLITION OF THIS PROJECT SHALL BE INCLUDED IN THE ELECTRICAL BASE BID. FAILURE TO VISIT THE SITE AND DETERMINE EXISTING CONDITIONS PRIOR TO BIDDING SHALL NOT BE A BASIS FOR ADDITIONAL COMPENSATION.

5.) EXISTING CONDUIT IN CONCEALED LOCATIONS MAY BE REUSED WHERE APPLICABLE - FIELD VERIFY. EXISTING CONDUIT THAT IS REUSED SHALL BE SUPPORTED PER 2022 NEC. EXISTING FLUSH SWITCH BOXES AND RECEPTACLE BOXES MAY BE REUSED WHERE APPLICABLE.

6.) RELOCATE ALL EXISTING ITEMS (REQUIRED TO REMAIN) THAT ARE IN CONFLICT WITH NEW WORK.

7.) ITEM SHOWN SUBDUED AND WITH A CONTINUOUS LINE TYPE ARE EXISTING ITEMS TO REMAIN. ITEM SHOWN BOLD AND WITH A HIDDEN LINE TYPE ARE EXISTING ITEMS TO BE REMOVED.

8.) ALL UNUSED ELECTRICAL ITEMS SHALL BE COMPLETELY REMOVED. DO NOT LEAVE ABANDONED ITEMS IN PLACE. THIS INCLUDES ALL LOW VOLTAGE CABLING .

DEMOLITION PLAN NOTES

1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES. FOLLOW PROPER PROCEDURES FOR LAMP/BALLAST DISPOSAL. TYPICAL.
2. DISCONNECT AND REMOVE EXISTING LIGHT SWITCH(ES). TYPICAL WHERE NEW LIGHTING CONTROLS ARE SHOWN ON NEW LIGHTING PLAN.
3. REMOVE EXISTING WIRELESS ACCESS POINT FROM CEILING, BAG AND PROTECT FOR REINSTALLATION ON NEW CEILING. TYPICAL.
4. DISCONNECT & REMOVE EXISTING FIRE ALARM NOTIFICATION DEVICE. REMOVE EXISTING BOX, RACEWAY, AND WIRING. NOTE: SOME WALL LOCATIONS MAY BE REUSED. SEE NEW FIRE ALARM PLANS. TYPICAL.
5. DISCONNECT & REMOVE EXISTING FIRE ALARM INITIATION DEVICE. PRESERVE EXISTING BOX AND RACEWAY, FOR NEW DEVICE (IF APPLICABLE). TYPICAL.
6. DISCONNECT & REMOVE EXISTING FIRE ALARM CONTROL PANEL. PRESERVE EXISTING ROUGH-IN / RACEWAYS (IF APPLICABLE). TYPICAL.
7. DISCONNECT & REMOVE EXISTING EXIT SIGN. TYPICAL.
8. DISCONNECT & REMOVE EXISTING PANELBOARD. SEE POWER PLANS & SCHEDULES FOR REPLACEMENT PANELBOARD.
9. EXISTING PANEL TO REMAIN, SHOWN FOR REFERENCE ONLY. PRESERVE ALL CIRCUITS AND RECONNECT FEEDER AS NECESSARY.
10. COORDINATE WITH EVERGY FOR REMOVAL AND REPLACEMENT OF EXISTING HI-FRAME UTILITY TRANSFORMERS.

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ADDENDUM 1	11.21.2023
PERMIT SET	10.26.2023

ELECTRICAL DEMO PLANS

ED-1

ELECTRICAL SYMBOL LIST (NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON THESE DRAWINGS)

ABBREVIATIONS

SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPACITY
A	AMPS
C	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
CT	MOUNTED ABOVE COUNTER TOP (ELEVATION MAY VARY)
CUH	CABINET UNIT HEATER
EF	EXHAUST FAN
ELEC	ELECTRIC
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
EWC	ELECTRIC WATER COOLER
F	FUSE
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FLUOR	FLUORESCENT
FMC	FLEXIBLE METALLIC CONDUIT
FTU	FAN TERMINAL UNIT
G	GROUND
GAP	GENERATOR ANNUNCIATOR PANEL
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GRS	GALVANIZED RIGID STEEL
GTD	GENERATOR TRANSFER DEVICE
HP	HORSEPOWER
HT	HEAT TRACE
HV	HIGH VOLTAGE
IG	ISOLATED GROUND
INCAND	INCANDESCENT
JB	JUNCTION BOX
K	THOUSAND
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MH	MAN HOLE
MLO	MAIN LUGS ONLY
MTD	MOUNTED
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NF	NON FUSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
P	POLE
PB	PULL BOX
PNL	PANEL
PWR	POWER
ST	STUNT TRIP
SW	SWITCH
T	TRANSFORMER
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
UCT	MOUNTED UNDER COUNTER TOP (ELEVATION MAY VARY)
UG	UNDER GROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTAGE
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WG	WIRE GUARD
WP	WEATHER PROOF
XFMR	TRANSFORMER

POWER

SYMBOL	DESCRIPTION	MOUNTING
	20A-125V GFCI, TAMPER RESISTANT, GROUNDED RECEPTACLE	1'-4" AFF
	20A-125V DUPLEX, TAMPER RESISTANT, GROUNDED RECEPTACLE	1'-4" AFF
	20A-125V 4-PLEX, TAMPER RESISTANT, GROUNDED RECEPTACLE	1'-4" AFF
	SPECIAL OUTLET, SEE SCHEDULE OR AS NOTED	
F	BUSS #SSY BOX COVER UNIT & FUSTAT - MOUNT ON HOUSING OF EQUIPMENT SERVED, PROVIDE FUSE SIZED AT 125% OF MOTOR FLA OR PER MANUFACTURERS RECOMMENDATION	
$M	2-POLE MOTOR CONTROL SWITCH (HUBBELL #HBL7832D)	VERIFY
$T	20A-125V SPRING WOUND TIMER SWITCH	4'-0" AFF
	HEAVY DUTY SAFETY SWITCH (FUSE)	6'-0" TO TOP
	HEAVY DUTY SAFETY SWITCH (NON-FUSE)	6'-0" TO TOP
	COMBINATION SOLID STATE STARTER/SAFETY SWITCH (FUSE)	6'-0" TO TOP
VFD	VARIABLE FREQUENCY DRIVE	
	ELECTRICAL DISTRIBUTION PANELBOARD	6'-0" TO TOP
	SURFACE MOUNTED ELECTRICAL PANELBOARD	6'-0" TO TOP
	RECESSED MOUNTED ELECTRICAL PANELBOARD	6'-0" TO TOP
J	JUNCTION BOX	VERIFY
D	JUNCTION BOX	VERIFY
PP	POWER POLE	
	CIRCUIT BREAKER	VERIFY

SPECIAL SYSTEM DEVICES

SYMBOL	DESCRIPTION	MOUNTING
W (1)	TELEPHONE OUTLET (W=WALL, MOUNT AT 54" AFF)	1'-4" AFF
(1)	DATA NETWORK OUTLET (UP TO FOUR DATA CABLES)	1'-4" AFF
(1)	COMBINATION DATA / TELEPHONE OUTLET (SAME BOX)	1'-4" AFF
1 (1)	DATA DROP (ONE DATA CABLE ONLY)	1'-4" AFF
M	MICROPHONE OUTLET	1'-4" AFF
	WIRELESS ACCESS POINT DROP (ONE DATA CABLE)	CEILING
(1)	SMARTBOARD VIDEO DROP	1'-4" AFF
(1)	CABLE TV OUTLET	1'-4" AFF
C	INTERCOM CALL BUTTON	4'-6" AFF
V	VOLUME CONTROL	4'-6" AFF
N	NURSE CALL BUTTON	VARIES
B	CODE BLUE STATION	4'-6" AFF
	NURSE CALL DOME LIGHT	WALL
$	BOILER KILL SWITCH (MAINTAINED CONTACT)	4'-6" AFF
	OCCUPANCY SENSOR - DUAL TECHNOLOGY TYPE FOR SECURITY	6" BELOW CLG.
DC	DOOR CONTACT FOR SECURITY	DOOR FRAME
PS	PANIC SWITCH FOR SECURITY	DESK/CASEWORK
CR	DOOR CARD READER	VERIFY
PB	DOOR PUSH BUTTON / PLATE	VERIFY
	12" ROUND ANALOG CLOCK (15" MULTI-PURPOSE)	7'-6" AFF
	DIGITAL CLOCK	7'-6" AFF
	INTERCOM SPEAKER	CEILING
	INTERCOM SPEAKER	WALL
	AUDIO SPEAKER FOR PROJECTOR/SMARTBOARD	CEILING
	WIDE ANGLE PAGING HORN (WP=EXTERIOR)	VERIFY
	LOUDSPEAKER - MUSIC QUALITY	
	EXTERIOR SECURITY CAMERA	WALL / CEILING
C	INTERIOR SECURITY CAMERA	WALL / CEILING
9"x3"	CABLE TRAY (WIDTH x DEPTH)	
	SET OF (4) 4" CONDUIT SLEEVES FOR L.V. WIRING	

FIRE ALARM DEVICES

SYMBOL	DESCRIPTION	MOUNTING
	FIRE ALARM MANUAL STATION	4'-0" AFF
S	FIRE ALARM SMOKE DETECTOR	CEILING
H	FIRE ALARM HEAT DETECTOR	CEILING
Sb	FIRE ALARM DUCT SMOKE DETECTOR	IN DUCT
	FIRE ALARM HORN/STROBE SIGNAL UNIT (WG=WIRE GUARD)	6'-8" AFF
	FIRE ALARM HORN/STROBE SIGNAL UNIT	CEILING
	FIRE ALARM STROBE SIGNAL UNIT	6'-8" AFF
	FIRE ALARM STROBE SIGNAL UNIT	CEILING
WP	FIRE ALARM HORN SIGNAL UNIT (WP = EXTERIOR)	6'-8" AFF
	FIRE ALARM HORN SIGNAL UNIT	CEILING
	MAGNETIC DOOR HOLD OPEN	VERIFY
TF	TAMPER / FLOW SWITCH	VERIFY

GENERAL

	DESCRIPTION	MOUNTING
	CONDUIT RUN, 2#12 & 1#12G. - 1/2" C.	WALL/CEIL
	CONDUIT RUN, 2 CIRCUIT, 3#12 & 1#12G. - 1/2" C.	EARTH/FLOOR
	CONDUIT RUN, 2#12 & 1#12G. - 1/2" C.	
	CONDUIT RUN, 2#12, 1#12 I.G. & 1#12G. - 1/2" C.	
	PARTIAL HOMERUN (SAME CIRCUIT USED MULTI. LOC'S.)	
1	DEMOLITION NOTE	
3	PLAN NOTE	
1	REVISION MARK & NUMBER	
	ELEVATION REFERENCE MARK: 1 = DETAIL NUMBER, E-1.1 = SHEET NUMBER	
	SECTION CUT MARK: 1 = DETAIL NUMBER, E-1.1 = SHEET NUMBER	

(1) SEE GENERAL NOTE #6

LIGHTING (REFER TO LIGHT FIXTURE SCHEDULE)

SYMBOL	DESCRIPTION	MOUNTING
A	2'x4' LED LIGHT & FIXTURE LETTER (ACRYLIC)	LAY-IN
A	2'x4' LED LIGHT & FIXTURE LETTER (INDIRECT / PERF)	LAY-IN
A	2'x2' LED LIGHT & FIXTURE LETTER (INDIRECT / PERF)	LAY-IN
A	2'x4' LED LIGHT & FIXTURE LETTER (INDIRECT / LOUVER)	LAY-IN
A	2'x4' LED LIGHT & FIXTURE LETTER (DIRECT / LENS)	LAY-IN
A	2'x2' LED LIGHT & FIXTURE LETTER (DIRECT / LENS)	LAY-IN
A	2'x4' EMERGENCY LED LIGHT & FIXTURE LETTER	LAY-IN
A	20"x4' LED HIGH-BAY LIGHT & FIXTURE LETTER	SURFACE
A	1'x4' LED LIGHT & FIXTURE LETTER (ACRYLIC)	LAY-IN
A	1'x4' LED WRAPAROUND LIGHT & FIXTURE LETTER	SURFACE
A	LARGE SCALE PENDANT LIGHT & FIXTURE LETTER	CABLE/PENDANT
A	STAGGERED LED STRIP LIGHT & FIXTURE LETTER	SURFACE
A	LED STRIP LIGHT & FIXTURE LETTER	SURFACE
A	ROUND LED DOWN LIGHT & FIXTURE LETTER	RECESSED
A	UNDER CABINET LED LIGHT & FIXTURE LETTER	UNDER CABINET
A	FLUORESCENT OR LED LIGHT & FIXTURE LETTER	SURFACE/PENDANT
A A A	TRACK LIGHT & FIXTURE LETTER	TRACK
A A	LED WALL LIGHT & FIXTURE LETTER	WALL
A	LED AREA LIGHT & FIXTURE LETTER	POLE / FOUNDATION
A	LED LANDSCAPE LIGHT & FIXTURE LETTER	GROUND
A	LED BOLLARD LIGHT & FIXTURE LETTER	BOLLARD / FOUNDATION
A	BATTERY POWERED EMERGENCY LIGHT	WALL
	BATTERY POWERED EMERGENCY LIGHT	CEILING/LAY-IN
	BATTERY POWERED LED EXIT LIGHT - SHADING DENOTES FACE(S)	CEIL/WALL
	BATTERY POWERED LED EMERGENCY & EXIT LIGHT	CEIL/WALL
$ $3 $4	SWITCHES (1-POLE, 3-WAY, 4-WAY, PILOT)	4'-0" AFF
a, b, c	INDICATES SWITCHING SCHEME	
	OCCUPANCY SENSOR - DUAL TECHNOLOGY TYPE FOR LIGHTING	CEILING
	OCCUPANCY SENSOR - 90° CORNER DUAL TECHNOLOGY TYPE FOR LTG	CEILING
A	OCCUPANCY SENSOR - P.I.R. TYPE FOR LIGHTING	4'-0" AFF
D	DIMMER SWITCH (VERIFY COMPATIBILITY WITH LOAD SERVED)	4'-0" AFF
Sx	LOW VOLTAGE LIGHTING SWITCH	4'-0" AFF
RC	ROOM LIGHTING CONTROLLER	
DS	DAYLIGHT SENSOR	CEILING
	CEILING FAN	CEILING/PENDANT

GENERAL NOTES

1.) ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION OF ALL APPLICABLE CODES INCLUDING, BUT NOT LIMITED TO THE NATIONAL ELECTRICAL CODE, THE INTERNATIONAL BUILDING CODE, THE INTERNATIONAL FIRE CODE, AND THE INTERNATIONAL MECHANICAL CODE. IN ADDITION, ALL ELECTRICAL WORK SHALL CONFORM WITH THE A.D.A. (AMERICANS WITH DISABILITIES ACT). THE E.C. SHALL FOLLOW AND ADHERE TO ALL LOCAL CODES (COUNTY, CITY, STATE) AND AUTHORITIES HAVING JURISDICTION, INCLUDING ALL LOCAL UTILITY COMPANIES.

2.) VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN. COORDINATE WITH STRUCTURAL MEMBERS, COLUMNS, ETC. COORDINATE WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK. COORDINATE OUTLET MOUNTING HEIGHTS WITH CASEWORK AND ARCHITECTURAL FURNITURE LAYOUTS. THE OPERABLE PART OF ANY DEVICE SHALL BE LOCATED TO COMPLY WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

3.) REFER TO THE ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS & SPECIFICATIONS FOR RELATED INFORMATION.

4.) REFER TO THE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR CONTROL WIRING REQUIREMENTS, T-STAT ROUGH-IN REQUIREMENTS, EXHAUST FAN PILOT SWITCH LOCATIONS, BOILER KILL SWITCH LOCATIONS, AND MECHANICAL EQUIPMENT LOCATIONS. SEE MECHANICAL PLANS.

5.) ALL RACEWAY BODIES (CONDUIT, NIPPLES, WIREWAYS, TROUGHS, GUTTERS, ETC.) HOUSING PHASE CONDUCTOR(S) SHALL BE PROVIDED WITH A FULL-LENGTH, "GREEN", INSULATED GROUNDING/BONDING CONDUCTOR SIZED ACCORDING TO THE RESPECTIVE PHASE CONDUCTORS - PER THE LATEST EDITION OF THE NEC.

6.) ROUTE 3/4" EMT (W/PULL ROPE) FROM EACH TELEPHONE OUTLET, COMPUTER NETWORK CABLE OUTLET, COMBINATION TELE/COMP. OUTLET AND CABLE T.V. OUTLET TO NEAREST ACCESSIBLE CEILING CAVITY. PROVIDE 4-SQUARE BOX WITH PLASTER/EXTENSION RING (AS REQUIRED). TERMINATE EACH EMPTY CONDUIT PARALLEL WITH CEILING AND PROVIDE WITH INSULATED BUSHING. ALL COVERPLATES, CABLES, WIRING, TERMINATIONS, JACKS, LABELING, TESTING SHALL BE PROVIDED BY OTHERS.

7.) ALL HOMERUNS SHALL UTILIZE A DEDICATED NEUTRAL CONDUCTOR (NO SHARED NEUTRALS).

8.) E.C. SHALL PROVIDE & INSTALL 20A-1P-120V CIRCUIT(S) FOR ALL FIRE/SMOKE DAMPERS. ROUTE 2#12 & 1#12G. IN 1/2" EMT. CONNECT EA. F/S DAMPER VIA FUSTAT DEVICE. CONNECT A MAXIMUM OF (10) DAMPERS PER 20A CIRCUIT. CONNECT FOR PROPER OPERATION OF DAMPER(S) PER I.B.C. - VERIFY W/M.C. REFER TO THE MECHANICAL DRAWINGS FOR THE EXACT QUANTITY AND LOCATION OF ALL F/S DAMPERS. REFER TO THE I.B.C. AND THE LIFE SAFETY CODE FOR ALL REQUIREMENTS FOR ACCEPTABLE DAMPER CONTROL.

9.) USE #10AWG CONDUCTOR SIZE ON ALL 20A-120V BRANCH CIRCUIT HOMERUNS GREATER THAN 100FT. TO PREVENT EXCESSIVE VOLTAGE DROP.

10.) PROVIDE AND INSTALL CONDUIT "SLEEVES" WHERE LOW VOLTAGE WIRING IS REQUIRED TO PASS THROUGH WALLS. COORDINATE EXACT LOCATIONS, QUANTITIES, AND SIZES WITH VOICE/DATA SYSTEM SUPPLIER. SEAL AROUND ALL CABLING AFTER INSTALLATION TO MAINTAIN RATING AS SPECIFIED ON CODE PLAN.

11.) COORDINATE SMOKE DETECTOR LOCATIONS WITH M.C.'S AIR DIFFUSERS AND SPRINKLER HEADS. MAINTAIN A MINIMUM OF 3'-0" BETWEEN ALL SMOKE DETECTORS AND AIR DIFFUSERS. MAINTAIN A MINIMUM OF 1'-6" BETWEEN ALL SMOKE DETECTORS AND SPRINKLER HEADS.

12.) ALL EXISTING FIXTURES, DEVICES, AND WIRING ARE SHOWN WITH A SUBDUED LINETYPE. ALL NEW FIXTURES, DEVICES, AND WIRING ARE SHOWN WITH A BOLD LINETYPE.

13.) USE CONCEALED WIRING METHODS WHEREVER POSSIBLE. OTHERWISE, USE SURFACE MOUNTED WIREMOLD RACEWAYS AND BOXES. WIREMOLD SHALL BE INSTALLED IN A NEAT-AND-WORKMANLIKE MANNER USING APPROPRIATE FITTINGS. HOLD TIGHT AGAINST WALLS, CEILINGS, AND CORNERS. PROVIDE WIREMOLD BOXES WHERE REQUIRED FOR LONG PULLING RUNS AND/OR MULTIPLE 90 DEGREE TURNS. WIREMOLD WILL NOT BE PERMITTED IN THE NEW ADDITIONS OR ON NEW WALLS. EXPOSED CONDUIT IN FINISHED AREAS WILL NOT BE PERMITTED.

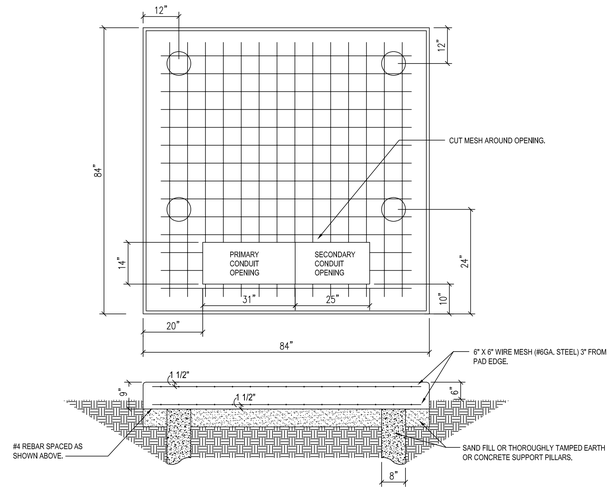
14.) PROVIDE IN-LINE COMPRESSION SPLICES WHERE EXISTING FEEDERS OR BRANCH CIRCUITS LARGER THAN #8AWG MUST BE SPLICED. INSULATE SPLICE WITH HEAVY WALL SHRINK TUBING W/SEALANT. KEEP ALL SPLICING TO A MINIMUM - UNNECESSARY SPLICES WILL NOT BE ACCEPTED.

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL NO.	LAMPS	VOLT.	MOUNTING	NOTES
A	2X4 LED TROFFER	LITHONIA	EPANL 2X4 4800LM 80CRI 35K MIN1 EZT MVOLT	4800LM, 3500K	120	LAY-IN	
A2	2X2 LED TROFFER	LITHONIA	EPANL 2X2 4800LM 80CRI 35K MIN1 EZT MVOLT	4800LM, 3500K	120	LAY-IN	
AE	2X4 LED TROFFER W/EMERGENCY	LITHONIA	EPANL 2X4 4800LM 80CRI 35K MIN1 EZT MVOLT E10WCP	4800LM, 3500K	120	LAY-IN	(1)
C4	4" CAN LIGHT	GOTHAM	EV04 35/15 AR LSS MWD MVOLT GZ10 EL	1500LM, 3500K	120	RECESSED	
H	4' STRIP LIGHT	LITHONIA	ZL1D L48 5000LM FST MVOLT 35K 80CRI WH	5000LM, 3500K	120	SURFACE/SUSPENDED	
K	4' LINEAR CONTINUOUS ROW	MARK ARCHITECTURAL	S4SD LLP 24FT MSL8 90CRI 35K 800LMF SCT MIN10 CLL MVOLT WHTT	800LM/FT, 3500K	120	SURFACE	
T	TRACK LIGHT	LITHONIA	T385L G2 35K 90CRI PDIM NFL BL	3250LM, 3500K	120	TRACK	(2)
X	EXIT SIGN	LITHONIA	LE S 1(2) R ELN SD	LED	120	WALL/CEILING	(1)

GENERAL NOTES:
- REFER TO ALL PLAN SHEETS AND SPECIFICATIONS FOR LIGHT FIXTURE REQUIREMENTS. DO NOT RELY SOLELY ON THE LIGHT FIXTURE SCHEDULE.
- VERIFY ALL MOUNTING HEIGHTS OF WALL MOUNTED & PENDANT MOUNTED FIXTURES WITH ARCHITECT.

LIGHT FIXTURE SCHEDULE NOTES:
(1) CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING FOR EMERGENCY ILLUMINATION (BATTERY) UPON LOSS OF NORMAL POWER.
(2) PROVIDE AND INSTALL ALL NECESSARY COMPONENTS FOR TRACK AS DRAWN ON PLANS. COORDINATE TRACK AND LIGHT FIXTURE COMPATIBILITY.



CONCRETE PAD FOR UTILITY CO. TRANSFORMER

NO SCALE (VERIFY LOCATION W/WESTAR)

PAD SIZE SHOWN IS BASED ON WESTERN RESOURCES COMMERCIAL, UNDERGROUND SERVICE FOR 500KVA-30-12KV TRANSFORMER. VERIFY EXACT TRANSFORMER SIZE WITH UTILITY COMPANY PRIOR TO ROUGH-IN AND CONFORM TO ALL UTILITY COMPANY REQUIREMENTS.

PRIOR TO SUBMITTALS: ELECTRICAL CONTRACTOR SHALL REMOVE COVERS OF ALL EXISTING PANELS TO BE REPLACED AND VERIFY EXISTING CIRCUIT BREAKER SIZES AND ASSOCIATED BRANCH CIRCUIT WIRING CONNECTED TO EACH BREAKER. MEASURE EXISTING FLUSH ENCLOSURES AND INCLUDE DIMENSIONS FOR CUSTOM, FACTORY-BUILT INTERIOR TO BE PLACED INSIDE EXISTING FLUSH ENCLOSURES. PROVIDE CUSTOM, FACTORY-BUILT TRIM TO FIT EXISTING FLUSH ENCLOSURE. ALL NEW SURFACE MOUNT PANELS SHALL RECEIVE NEW SURFACE MOUNT ENCLOSURES.

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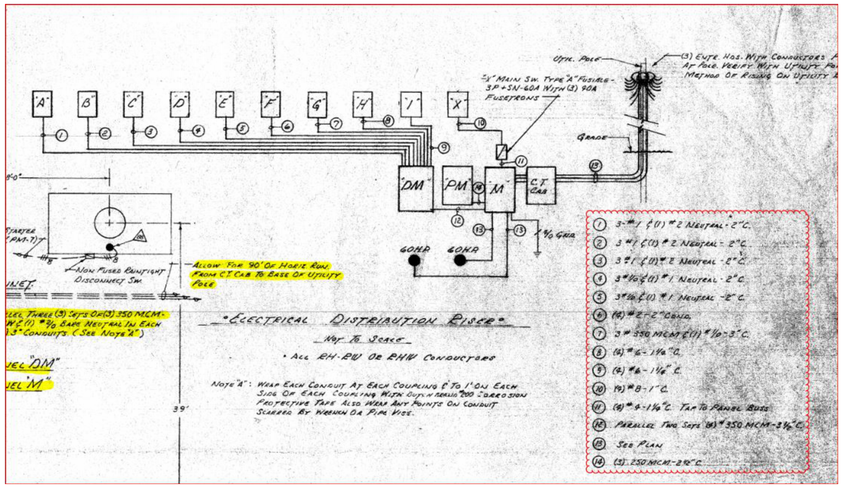
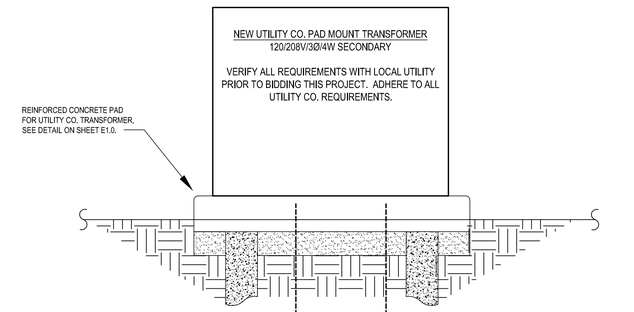
ADDENDUM 1	11.21.2023
PERMIT SET	10.26.2023

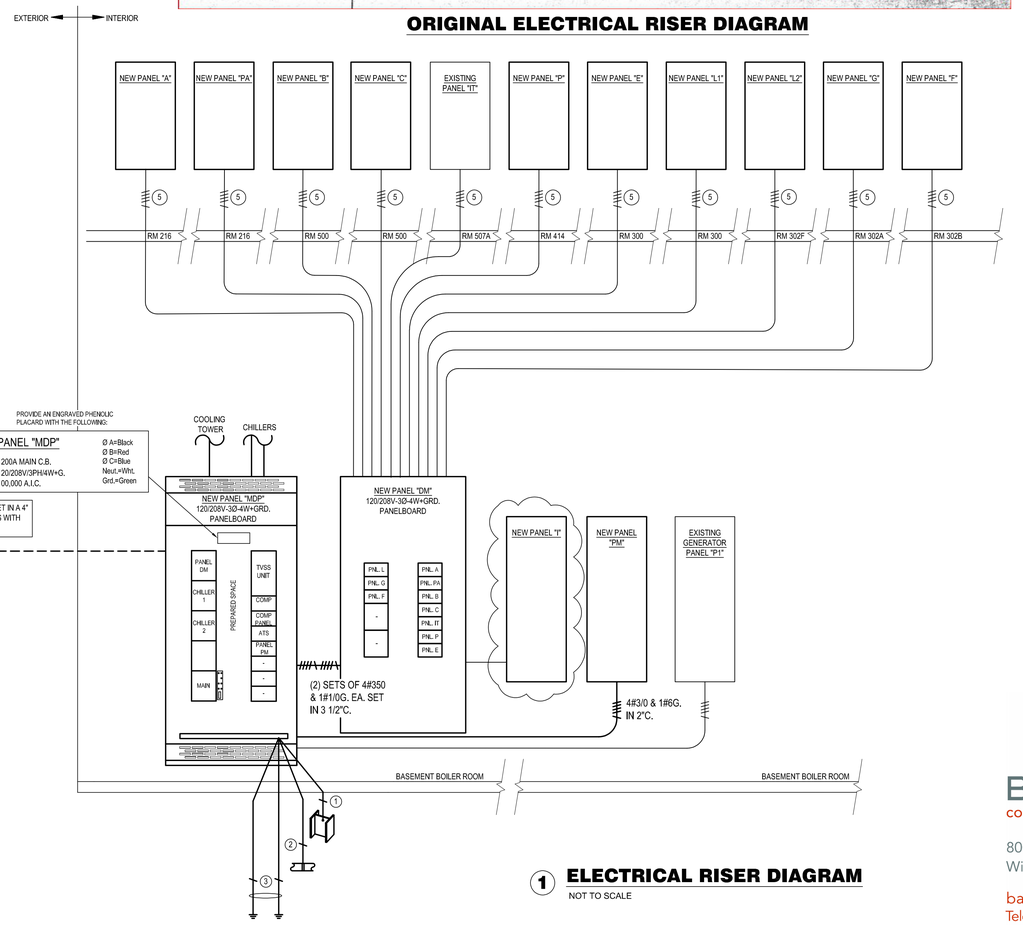
ELECTRICAL COVER SHEET

E-1.0



ORIGINAL ELECTRICAL RISER DIAGRAM





RISER DIAGRAM NOTES

1. #3/0 INSULATED COPPER GROUNDING ELECTRODE CONDUCTOR CONNECTED TO BUILDING STEEL.
2. #3/0 GROUND CONNECTED TO WATER SERVICE AT POINT WATER LINE ENTERS BUILDING NOT EXCEEDING 5ft BEYOND POINT OF ENTRANCE. VERIFY LOCATION AND ROUTING AT THE SITE.
3. #6 BARE GROUND IN 1/2" PVC CONNECTED TO 3/4"DIA. X 20' LONG COPPER GROUND ROD (CADWELD) AND DRIVEN TO A MINIMUM DEPTH OF 10'. TYPICAL OF (2) RODS SPACED 10' APART. FIELD VERIFY EXACT INSTALLATION LOCATION.
4. 20FT. OF #3/0 BARE COPPER GROUNDING ELECTRODE CONDUCTOR EMBEDDED IN CONCRETE FOUNDATION.
5. EC TO VISUALLY INSPECT AND PERFORM AN INSULATION RESISTANCE TEST PRIOR TO REUSING FEEDERS. COMMUNICATE ANY FINDINGS TO OWNER AND DESIGN TEAM.

1 ELECTRICAL RISER DIAGRAM

NOT TO SCALE

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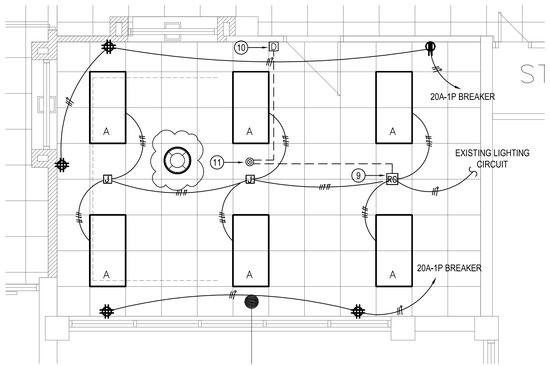
ELECTRICAL RISER DIAGRAM

E-1.2

ELECTRICAL PLAN NOTES

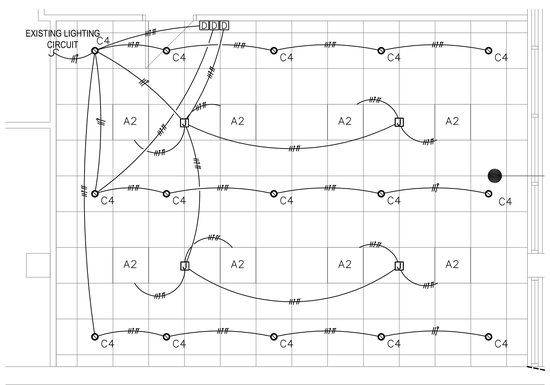
1. EXISTING PANELBOARDS TO REMAIN. SHOWN FOR REFERENCE ONLY. TYPICAL.
2. CONNECT NEW BATTERY POWERED EXIT & EMERGENCY LIGHTS TO THE LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING. CONNECT VIA 2#12 & 1#12G. IN 1/2" RACEWAY. TYPICAL.
3. SINGLE ZONE, LOW VOLTAGE, DIMMER PER SPECIFICATION. CONNECT VIA FACTORY TERMINATED CAT5 CABLING PER MANUFACTURERS INSTRUCTIONS. WALL DIMMER SHALL BE THE LAST DEVICE IN THE DAISY CHAIN LAYOUT IN ORDER TO KEEP ONE OPEN PORT FOR PROGRAMMING.
4. LOW VOLTAGE OCCUPANCY SENSOR PER SPECIFICATION. CONNECT VIA FACTORY TERMINATED CAT5 CABLING PER MANUFACTURERS INSTRUCTIONS. ADJUST POSITION IN CEILING TO AVOID HVAC DIFFUSERS.
5. PROVIDE AND INSTALL SURFACE MOUNT KIT FOR ALL FIXTURES IN AUDITORIUM. RECONNECT TO EXISTING CIRCUIT AND CONTROL.
6. REUSE AND EXTEND EXISTING ROUGH-IN FOR STAGE SPOT LIGHTS. MOUNT TRACK TO BOTTOM OF STRUCTURE WITH A CLEAR LINE OF SIGHT TO THE STAGE. PROVIDE LINE VOLTAGE WALLBOX PHASE DIMMER.
7. RECONNECT NEW FIXTURE TO EXISTING CIRCUIT AND CONTROL. REUSE EXISTING ROUGH-IN WHEREVER POSSIBLE. TYPICAL ALL FIXTURES SHOWN WITHOUT CIRCUITING INFORMATION.
8. EC TO PROVIDE AND INSTALL NEMA SIZE 3 SOFT STARTER PER SPEC. COORDINATE WITH FINAL PUMP SUBMITTALS.



2 ENLARGED RECEPTION 509

1/4"=1'-0"

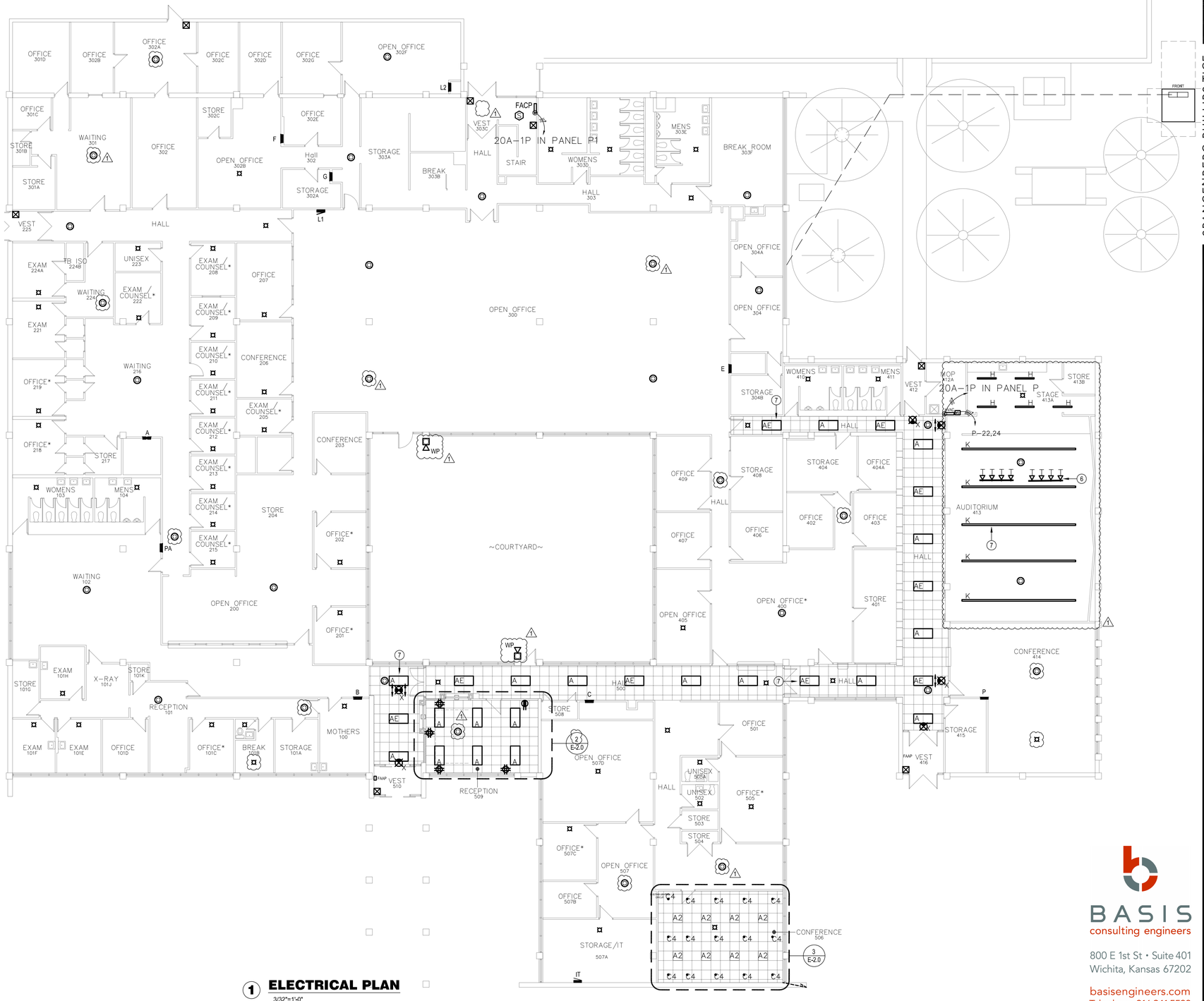
0 4'



3 ENLARGED CONFERENCE 506

1/4"=1'-0"

0 4'



1 ELECTRICAL PLAN

3/32"=1'-0"

0 8'

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ELECTRICAL PLANS

E-2.0

ELECTRICAL PLAN NOTES

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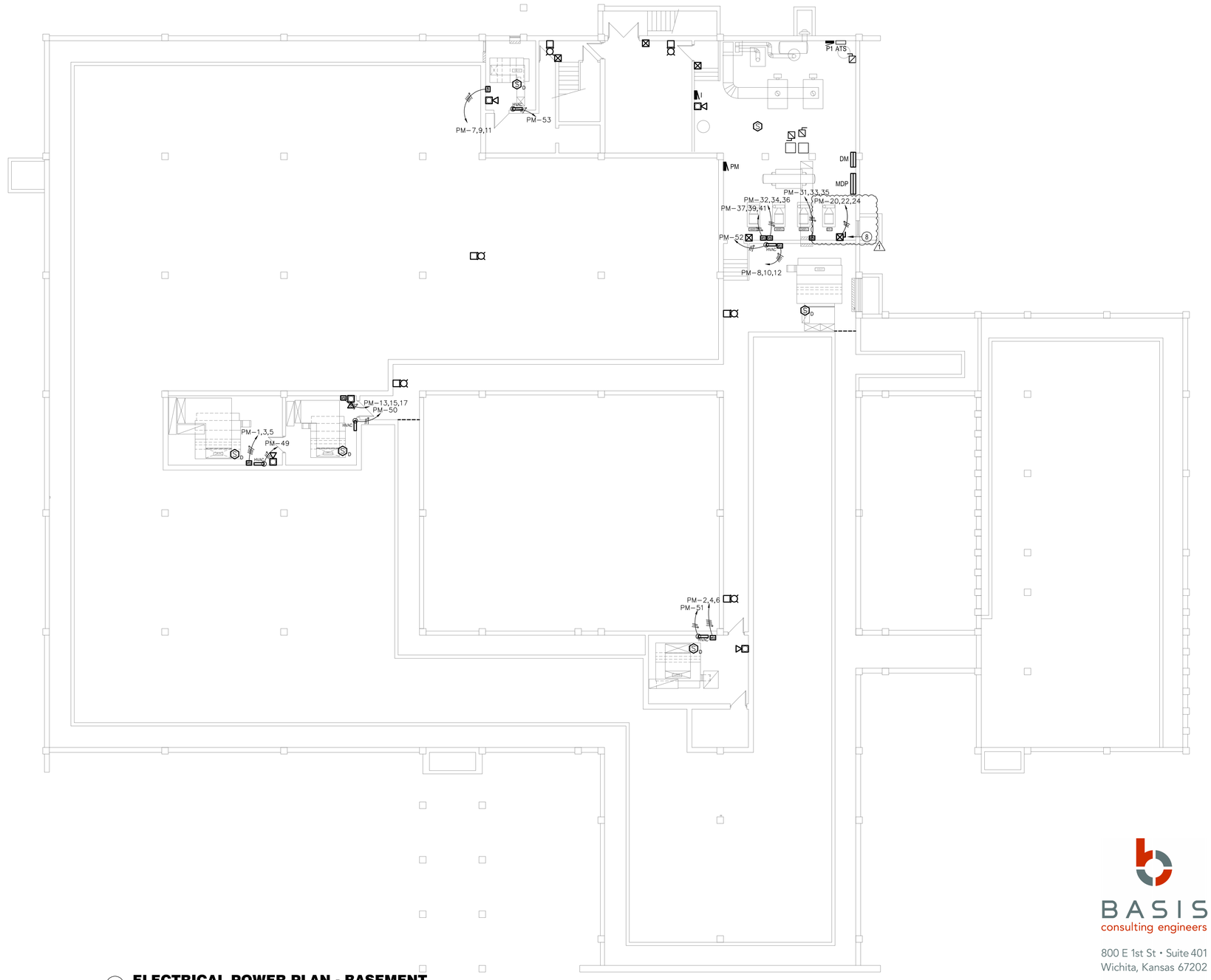

1 **ELECTRICAL POWER PLAN - BASEMENT**

3/32"=1'-0"

0 8'

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ELECTRICAL PLANS

E-2.1