

GENERAL ELECTRICAL NOTES	
1	DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. REVIEW ALL GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS.
2	SPECIAL ATTENTION SHALL BE GIVEN TO ALL RACEWAYS WITHIN FINISHED AREAS WITHOUT CEILINGS AND EXPOSED TO STRUCTURE. IN GENERAL, ALL RACEWAYS SHALL BE CONCEALED WITHIN WALLS, ABOVE STRUCTURE FINISH, OR BELOW FLOOR SLABS WHEN SPECIFIED. WHERE EXPOSED CONDITIONS ARE NECESSARY OR UNAVOIDABLE DUE TO OTHER CONDITIONS, THE BID SHALL INCLUDE ANY REASONABLE MEANS TO MINIMIZE THE AMOUNT OF SURFACE MOUNTED EQUIPMENT. PRIOR TO ROUGH-IN, COORDINATE ALL EXPOSED RACEWAY AND BOX CONDITIONS WITH ARCHITECT PRIOR TO CONSTRUCTION OF WALLS, ROOF DECK, OR FLOOR SLABS. ATTACHMENT TO ROOF DECK OR JOIST WEBBINGS IS NOT ALLOWED. MAINTAIN A MINIMUM SPACING OF 1-1/2" FROM CONDUIT TO ROOF DECK. IN AREAS WHERE EXPOSED RACEWAYS ARE REQUIRED, INSTALL SYSTEMS SQUARE AND TIGHT TO STRUCTURE AND PAINT TO MATCH THE STRUCTURE PER ARCHITECT AND/OR OWNER SPECIFICATIONS. FAILURE TO PROPERLY COORDINATE THE ROUTING OF EXPOSED RACEWAYS MAY RESULT IN RELOCATION OF SUCH RACEWAYS AT NO ADDITIONAL COST TO THE OWNER.
3	OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE-RESISTANT-RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRESTOPPED USING APPROVED METHODS TO MAINTAIN THE FIRE RESISTANCE RATING. PROVIDE PENETRATION FIRE STOPPING WITH RATINGS DETERMINED PER ASTM E 814 OR UL 1479. FIRE STOPPING SHALL NOT BE LESS THAN FIRE RESISTANCE RATING OF CONSTRUCTED PENETRATIONS.
4	FIELD VERIFY LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT, INCLUDING POWER POLES, TELEPHONE PEDESTALS, OVERHEAD AND UNDERGROUND FEEDERS, METERS, PANELS, DEVICES, ETC. PROVIDE FOR COORDINATION WITH EXISTING EQUIPMENT.
5	ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE, STATE LAWS, ALL AUTHORITIES HAVING JURISDICTION, AND ALL OTHER REGULATIONS GOVERNING WORK OF THIS NATURE.
6	THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIAL, AND LABOR TO SATISFY A COMPLETE AND WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
7	CONTRACTOR TO CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT.
8	THE CONTRACTOR SHALL FURNISH AND INSTALL ALL GROUNDING SYSTEMS (AS REQUIRED) IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
9	ALL ELECTRIC MATERIALS AND EQUIPMENT FOR THE PROJECT SHALL BE NEW AND U.L. OR EQUALLY LISTED.
10	SUBMIT TO THE OWNER CERTIFICATES OF INSPECTIONS IN DUPLICATE FROM AN APPROVED INSPECTION AGENCY UPON COMPLETION.
11	THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES AS REQUIRED.
12	THE CONTRACTOR SHALL FURNISH ALL INSTRUMENTS AND QUALIFIED PERSONNEL OR FIRM TO PERFORM ALL REQUIRED TESTS.
13	ALL ELECTRICAL WORK SHALL BE COORDINATED WITH THE MECHANICAL WORK AS CALLED FOR IN MECHANICAL SPECIFICATIONS AND PLANS.
14	THE TYPE OF CONDUIT SHALL BE AS FOLLOWS FOR ALL FEEDERS AND DISTRIBUTION CIRCUITS, UNLESS OTHERWISE SPECIFIED. APPLICATION - TYPE OF CONDUIT BURIED IN CONCRETE OR OUTDOORS - PVC WITH RIGID GALVANIZED STEEL ELBOWS SERVICE ENTRANCE - GALVANIZED RIGID STEEL OR SERVICE UTILITY SPECIFICATIONS
15	UNDERGROUND UTILITIES/FEEDERS/BRANCH CIRCUITS/ETC. SHALL NOT BE ROUTED THROUGH OR WITHIN 25 FEET OF ANY AREAS DEDICATED FOR FUTURE BUILDING ADDITION.
16	FURNISH AND INSTALL MATERIALS FOR A TEMPORARY CONSTRUCTION SERVICE AS REQUIRED.
17	FURNISH AND INSTALL A COMMUNICATION SERVICE CONDUIT(S) PER TELEPHONE SERVICE PROVIDER SPECIFICATION. STUB UP AT DESIGNATED EQUIPMENT BOARD.
18	FURNISH AND INSTALL A CABLE TV SERVICE CONDUIT(S) PER CABLE TV PROVIDER SPECIFICATIONS. STUB AT SERVICE POINT.
19	REFER TO SITE UTILITIES PLAN AND COORDINATE ENTIRE INSTALLATION WITH CABLE TV SERVICE PROVIDER.
20	REFER TO SITE UTILITIES PLAN AND COORDINATE ENTIRE INSTALLATION WITH COMMUNICATION SERVICE PROVIDER.

ABBREVIATIONS			
AC	ABOVE COUNTER	IG	ISOLATED GROUND
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRICAL CODE
E	EXISTING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
EC	ELECTRICAL CONTRACTOR	NOT IN CONTRACT	
EP	EXPLOSION PROOF	NIC	NIGHT LIGHT
GFI	GROUND FAULT CIRCUIT INTERRUPTER	NL	UNDERGROUND
GR	GROUND	UG	UNLESS OTHERWISE NOTED
HP	HORSE POWER	UON	WEATHERPROOF
		WP	WEATHER RESISTANT

RECEPTACLES	
	FLOOR BOX: LEGRAND WIREMOLD SERIES RFB4E-OG OR RFB6E-OG. PROVIDE BOX AND HOUSING.

PANELS AND MISC.	
	LIGHT OR POWER PANEL.
	4x4 JUNCTION BOX.
	EQUIPMENT DISCONNECT: SHOWN FOR REFERENCE ONLY.

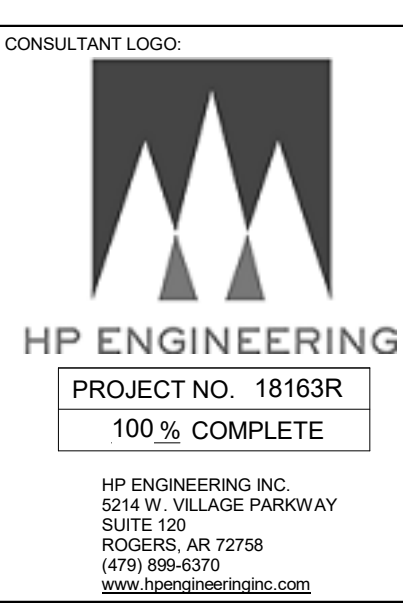
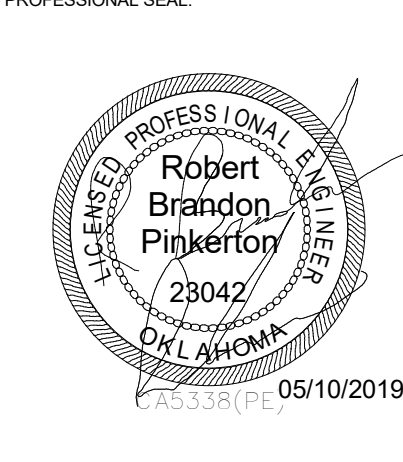
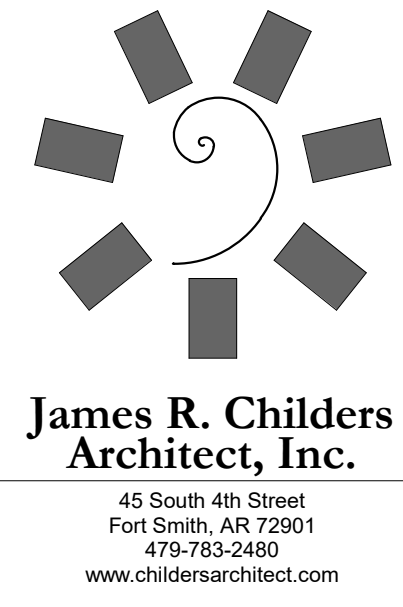
### 8.8 Utility Trenches

New utility trenches servicing the new structures are anticipated to be required. These trenches are often times sources of moisture migration into the structure. A relatively impervious material (clay with little rock, etc.) should be placed within the utility trench, surrounding the utility immediately outside the structure to reduce the potential for moisture migration into the structure via utility trenches. The "trench plug" should extend out from the structure a minimum of 5 ft. horizontally, and be placed in a controlled manner in accordance with Section 8.3 above.

### 8.3 Compaction Requirements

Item	Description
Subgrade Scarification Depth	At least 8 inches
Fill Lift Thickness	12-inches (loose) using the minimum compactor referenced below
Compaction Requirements <sup>1</sup>	Six (6) passes (3 each direction) minimum using a self-propelled vibratory compactor with a minimum drum diameter of 48-inches for granular soils, or 95% Standard Proctor Density (ASTM D698) for materials containing sufficient fines content.
Moisture Content	<ul style="list-style-type: none"> <li>± 2% optimum moisture for CL, SC, GC, GW &amp; SW Soil Types; and</li> <li>0 to 4% above optimum for CH Soil Types.</li> </ul>
Field Density Testing Frequency (if material type allows)	<ul style="list-style-type: none"> <li>Building Areas – One (1) test every 2500 sq. ft. per fill lift;</li> <li>Pavement Areas – One (1) test every 5000 sq. ft. per fill lift; and</li> <li>No less than three (3) tests per each fill lift.</li> </ul>

<sup>1</sup>. We recommend that engineered fill (including scarified compacted subgrade) be tested for moisture content and compaction during placement. Should the results of the in-place density tests indicate the specified moisture or compaction limits have not been met, the area represented by the test should be reworked and retested as required until the specified moisture and compaction requirements are achieved.



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KEY PLAN:

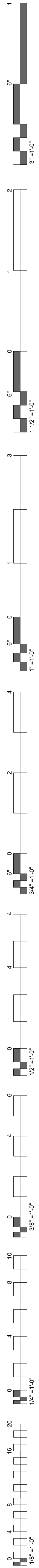
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BID PACKAGE 04

#	DATE	REVISIONS DESCRIPTION

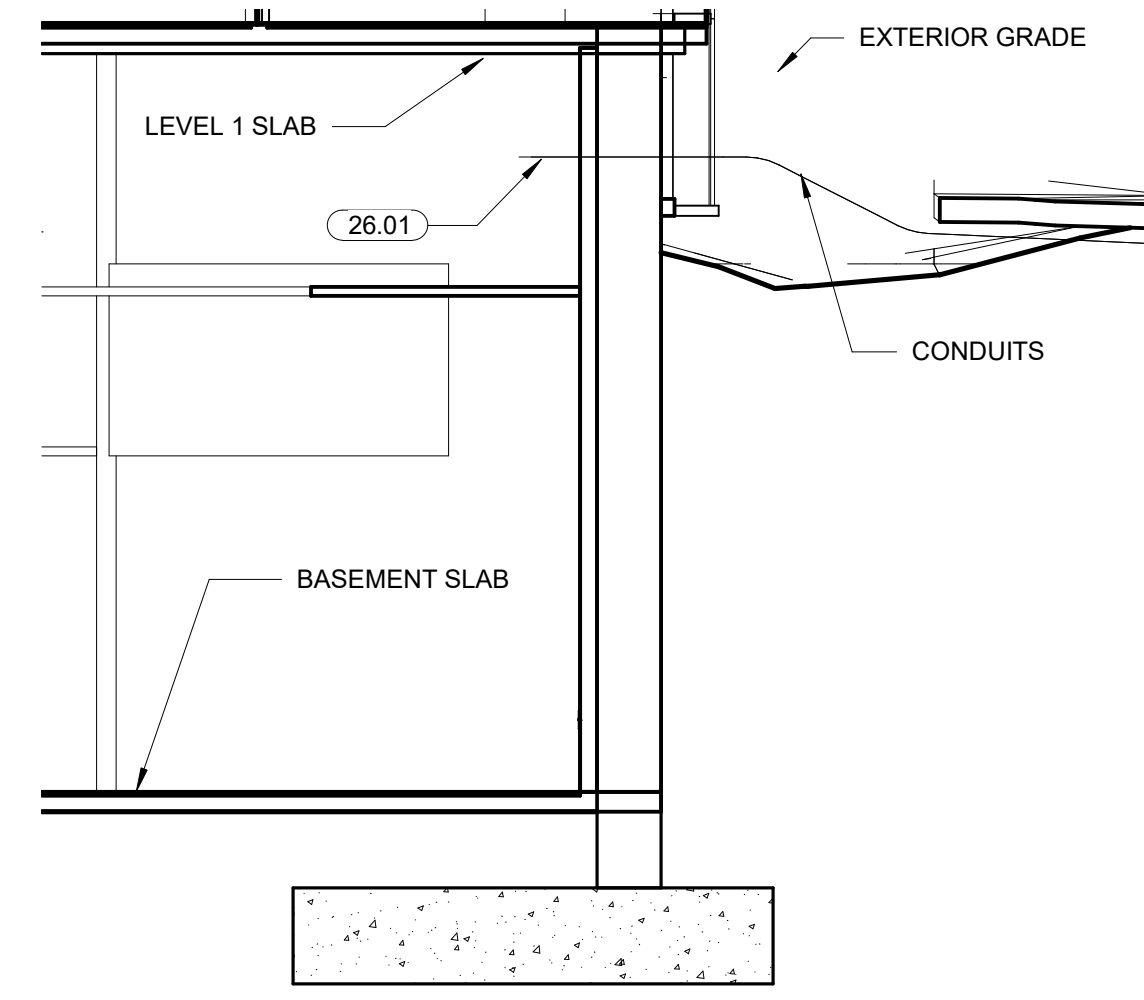
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SHEET NUMBER:  
E0.00

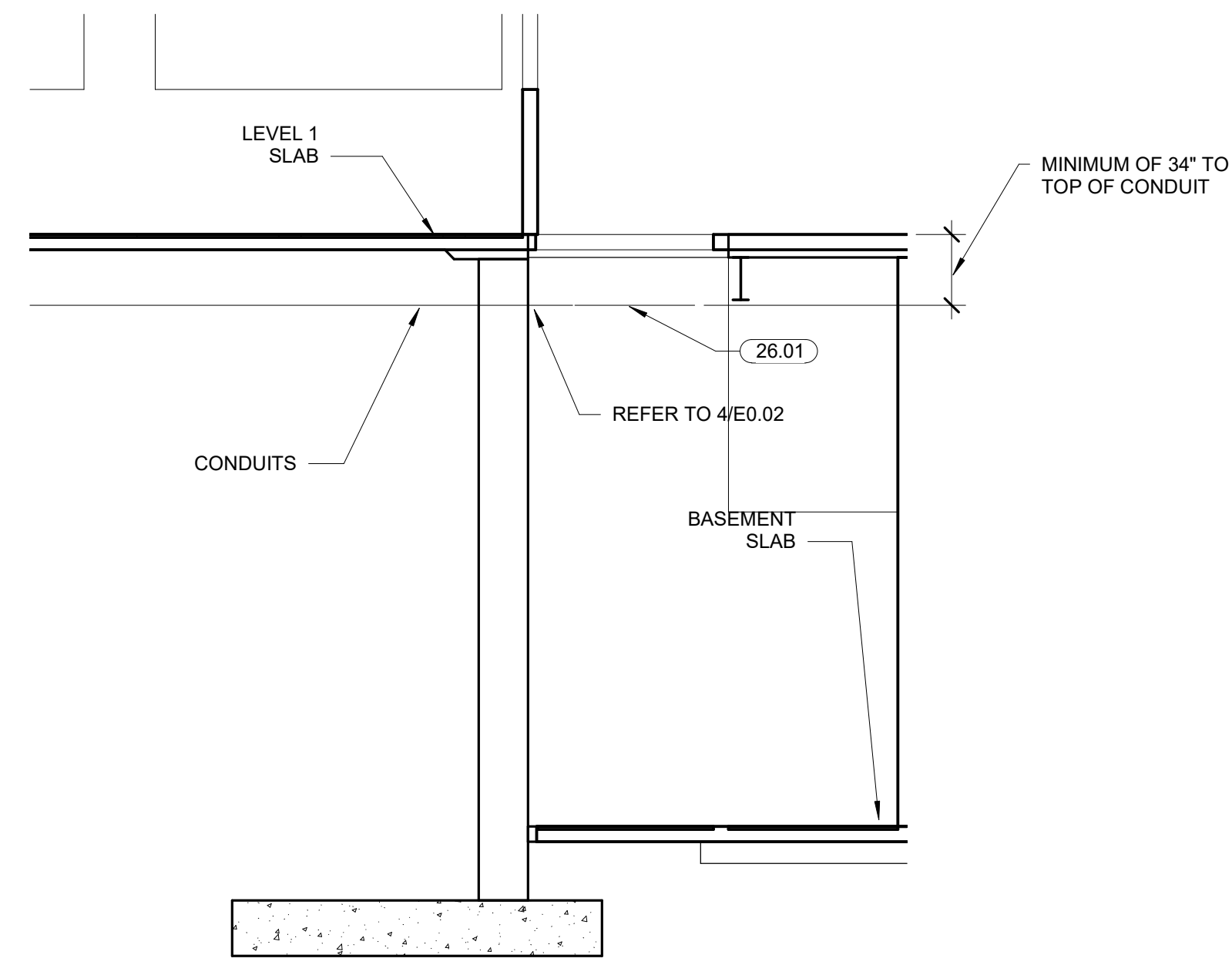
ELECTRICAL NOTES AND LEGEND



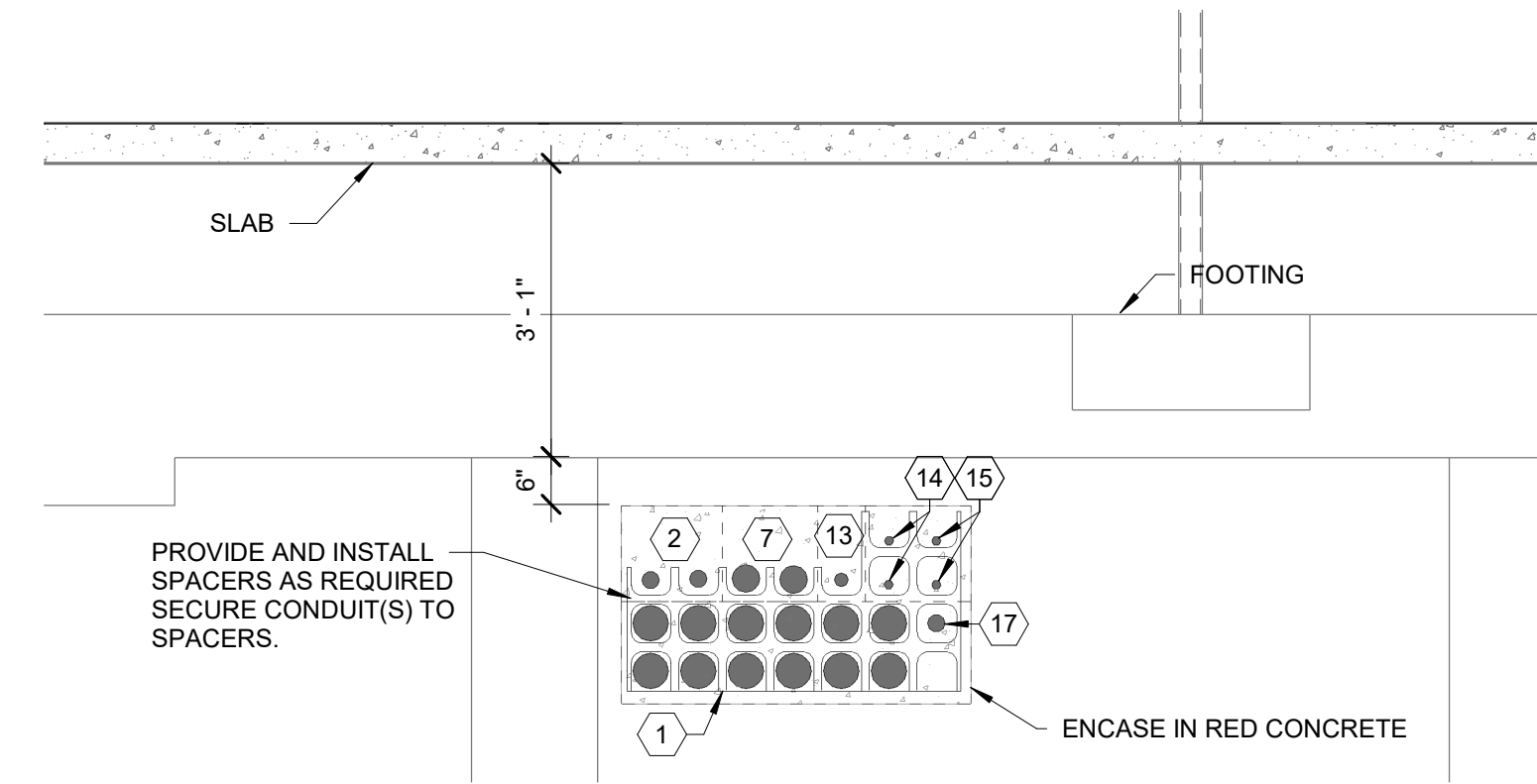
**4 EAST BOUND CONDUITS**  
N.T.S.



**3 NORTH BOUND CONDUITS**  
N.T.S.



**2 DUCT BANK DETAIL**  
N.T.S.



**SITE UNDERGROUND NOTES**

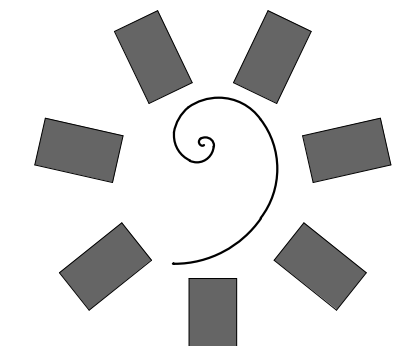
PRIOR TO CONSTRUCTION, COORDINATE UNDERGROUND SERVICE CONDUITS AND FEEDERS WITH ALL OTHER TRADES, INCLUDING BUT NOT LIMITED TO: EASEMENTS, UNDERGROUND UTILITY LINES (COMMUNICATION, ELECTRIC, GAS, WATER), AND STRUCTURAL FOOTINGS AND FOUNDATIONS.  
PRIOR TO FOOTING CONSTRUCTION, E.C. SHALL BURY ALL CONDUITS BETWEEN THE INTERIOR AND EXTERIOR OF THE BUILDING, COORDINATE WITH STRUCTURAL DRAWINGS TO DETERMINE REQUIRED BURIAL DEPTH.  
ELECTRICAL EQUIPMENT IS SHOWN FOR LOCATION ONLY AND ARE NOT IN THIS CONTRACT.  
CONDUIT RUNS ARE DIAGRAMMATICALLY SHOWN. FINAL ROUTING SHALL BE DETERMINED BY THE ELECTRICAL CONTRACTOR.

**CONDUIT SCHEDULE**

MARK	ORIGINATION	TERMINATION	NUMBER OF CONDUITS	Size
1	UTILITY TRANSFORMER	MDP	12	4"
2	GENERATOR	ATS-1	2	2"
3	LOW VOLTAGE SERVICE POINT	MDF ROOM	2	4"
4	MDP	HOB	1	2"
5	MDP	ATS-1	2	2"
6	ATS-1	EDP	2	2"
7	GENERATOR	ATS-2	2	3"
8	MDP	H0A	1	2"
9	MDP	ATS-2	2	3"
10	MDP	HIC	1	2"
11	MDP	H1B	1	2"
12	MDP	ELECTRICAL CHASE	4	2"
13	UTILITY TRANSFORMER	FIRE PUMP CONTROLLER	1	1 1/2"
14	GENERATOR	EMERGENCY ELECTRICAL ROOM	2	1"
15	GENERATOR	MAIN ELECTRICAL ROOM	2	1"
16	LOW VOLTAGE SERVICE POINT	MDF ROOM	2	4"
17	LIFT STATION	MAIN ELECTRICAL ROOM	1	2"

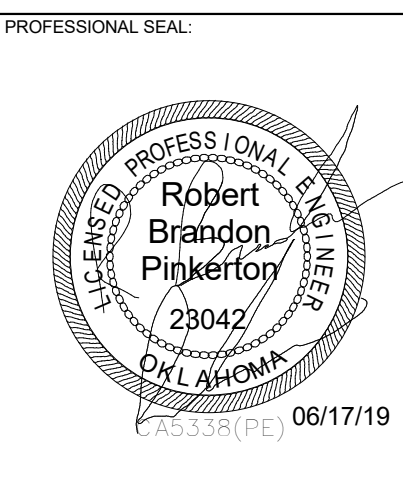
**KEYNOTES**

26.01 CONDUITS TO BE STUBBED THROUGH WALL, PROVIDE AMPLE SPACING FOR TRANSITION FROM UNDERGROUND TO OVERHEAD OR SPACING TO SET PULL BOX AT LEAST 12" FIRE CAULK AROUND PENETRATIONS. INSTALL SLEEVING PER SPECIFICATION 260544. COORDINATE LOCATION OF PENETRATIONS WITH ALL TRADES.  
26.02 CONDUITS FOR CONNECTION TO UTILITIES. COORDINATE WITH OWNER AND CIVIL DRAWINGS FOR TERMINATION OF CONDUITS.

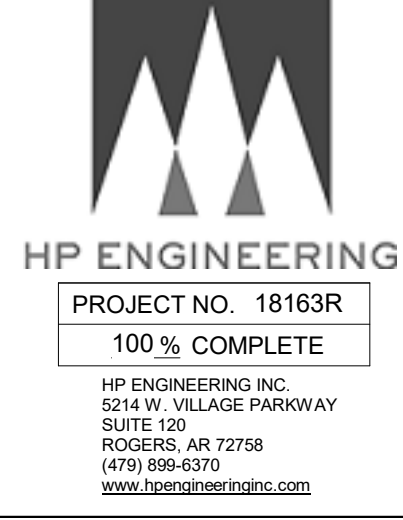


**James R. Childers Architect, Inc.**

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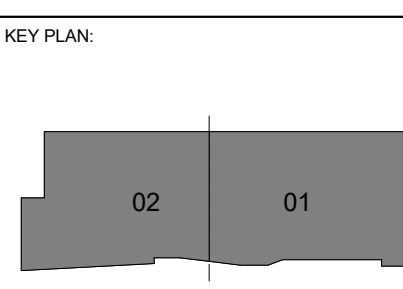
CONSULTANT LOGO



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**Osteopathic Medicine**  
AT THE CHEROKEE NATION  
TAHLEQUAH, OKLAHOMA



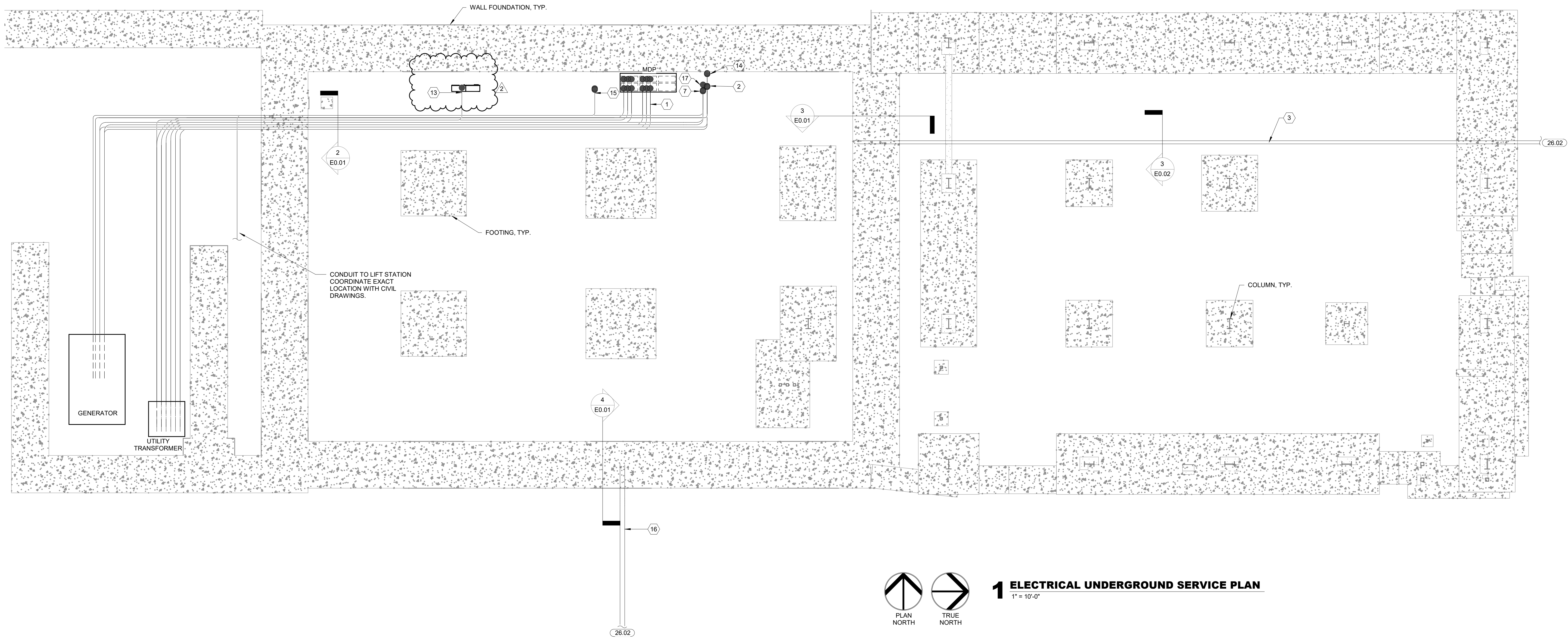
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#	DATE	REVISIONS / DESCRIPTION
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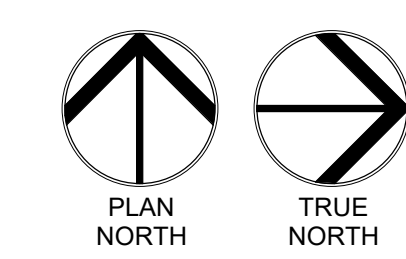
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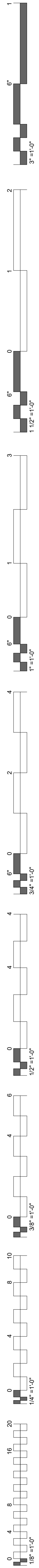
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UNDERGROUND ELECTRICAL PLAN



**1 ELECTRICAL UNDERGROUND SERVICE PLAN**  
1" = 10'-0"





**UNDERGROUND PLAN NOTES**

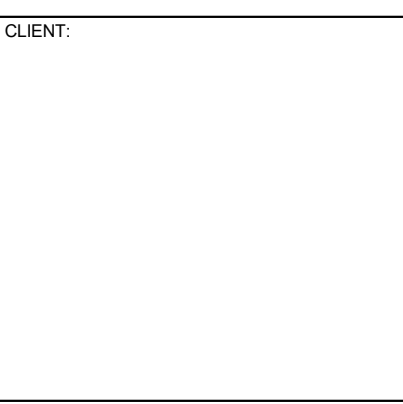
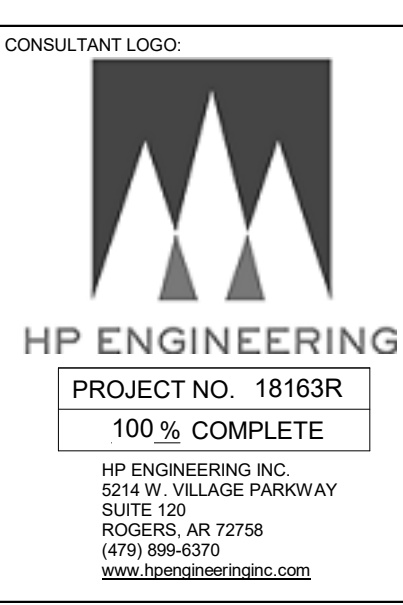
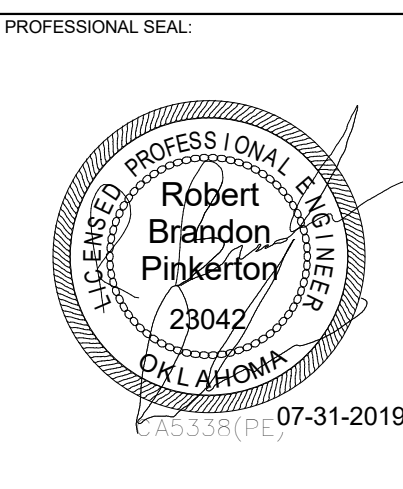
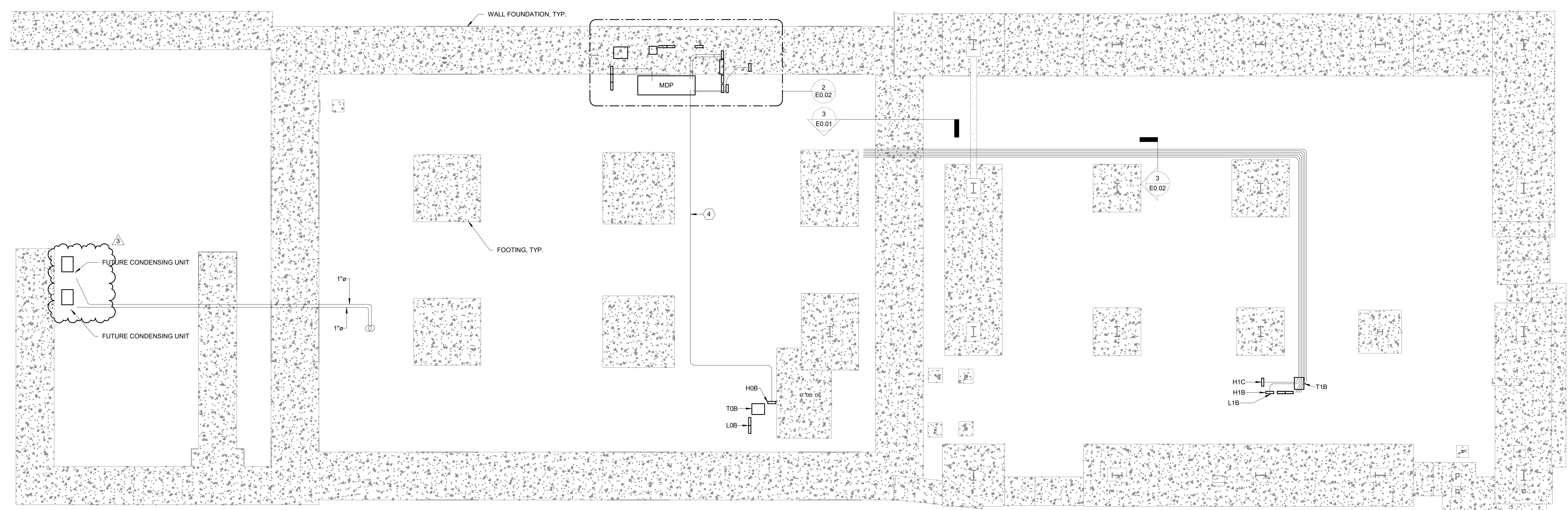
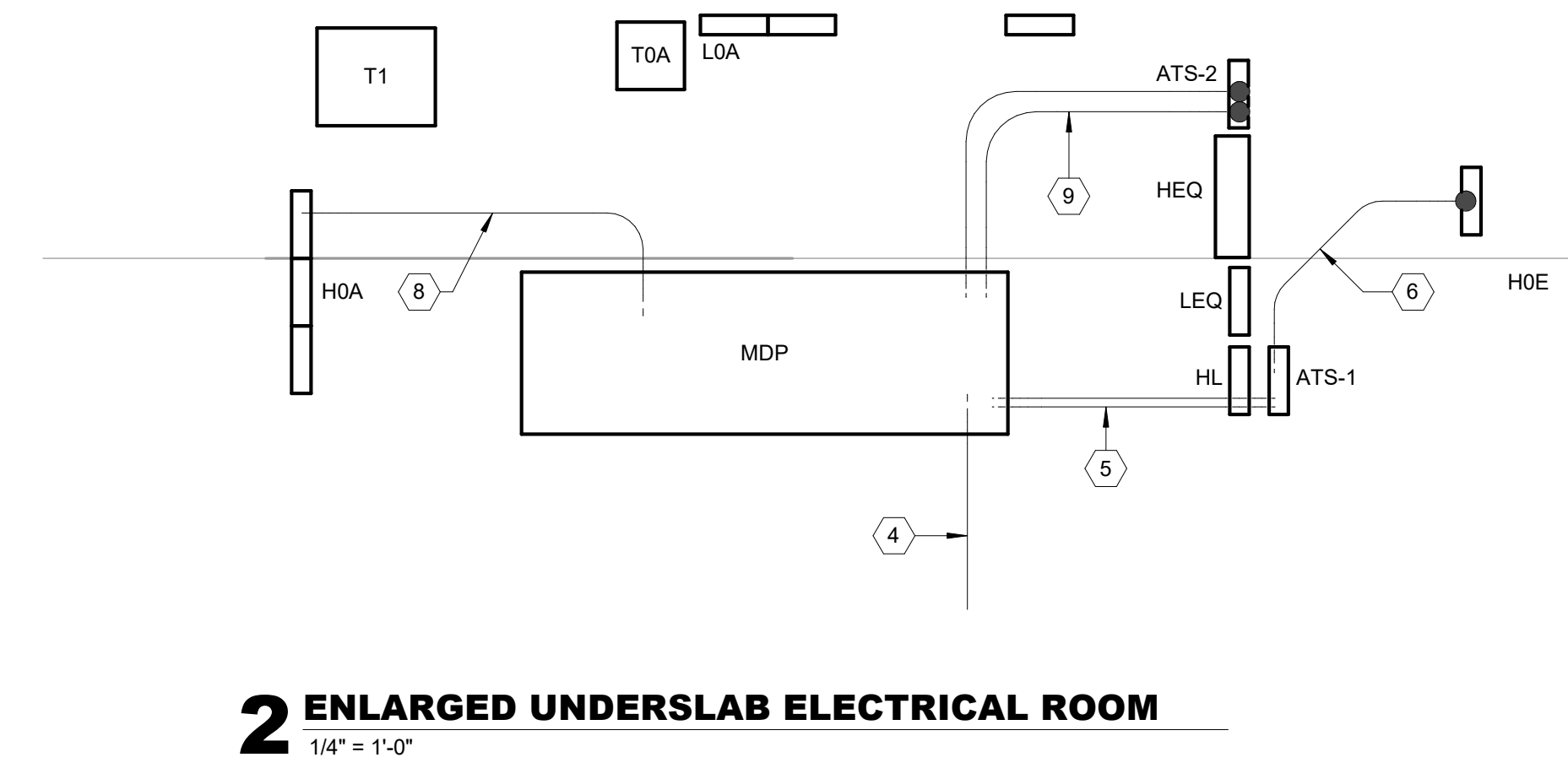
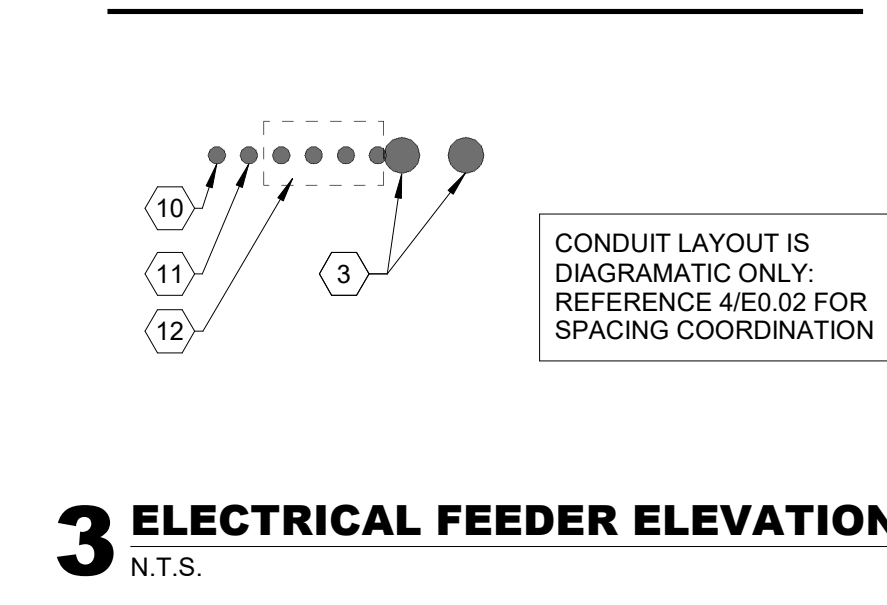
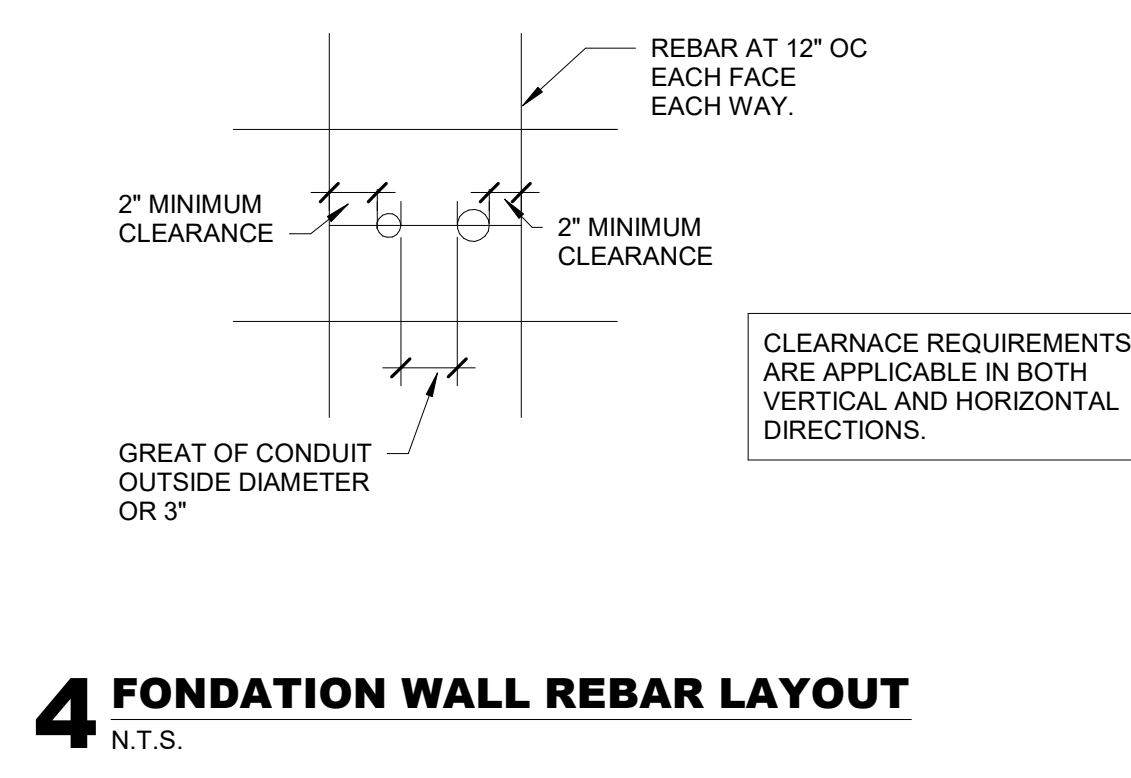
CONDUITS TO BE STUBBED UP ABOVE SLAB. PROVIDE AMPLE SPACING FOR TRANSITION FROM RIGID TO EMT. ELECTRICAL PANELS SHOWN ARE STRICTLY PRELIMINARY AND ARE SUBJECT TO CHANGE.

ELECTRICAL EQUIPMENT IS SHOWN FOR LOCATION ONLY AND ARE NOT IN THIS CONTRACT.

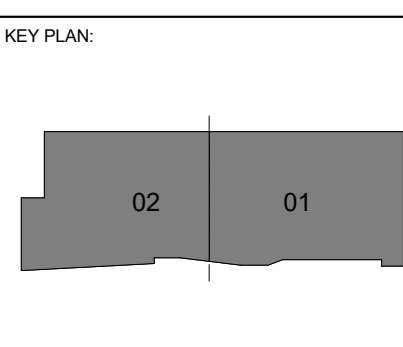
CONDUITS PENETRATING FOOTING WALL ARE TO BE LOCATED AT LEAST 8" ABOVE FOOTING. INSTALL SLEEVING PER SPECIFICATION 280544.

**CONDUIT SCHEDULE**

MARK	ORIGINATION	TERMINATION	NUMBER OF CONDUITS	Size
1	UTILITY TRANSFORMER	MDP	12	4"
2	GENERATOR	ATS-1	2	2"
3	LOW VOLTAGE SERVICE POINT	MDF ROOM	2	4"
4	MDP	HOB	1	2"
5	MDP	ATS-1	2	2"
6	ATS-1	EDP	2	2"
7	GENERATOR	ATS-2	2	3"
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9	MDP	ATS-2	2	3"
10	MDP	H1C	1	2"
11	MDP	H1B	1	2"
12	MDP	ELECTRICAL CHASE	4	2"
13	UTILITY TRANSFORMER	FIRE PUMP CONTROLLER	1	1 1/2"
14	GENERATOR	EMERGENCY ELECTRICAL ROOM	2	1"
15	GENERATOR	MAIN ELECTRICAL ROOM	2	1"
16	LOW VOLTAGE SERVICE POINT	MDF ROOM	2	4"
17	LIFT STATION	MAIN ELECTRICAL ROOM	1	2"



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AT THE CHEROKEE NATION  
TAHLEQUAH, OKLAHOMA



PROJECT PHASE:  
**100% CONSTRUCTION DOCUMENTS**

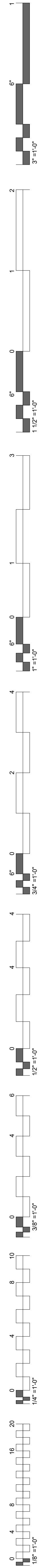
REVISIONS

#	DATE	DESCRIPTION
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DATE: 07-31-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E0.02**  
UNDERGROUND ELECTRICAL FEEDER PLAN





### IN-SLAB PLAN NOTES

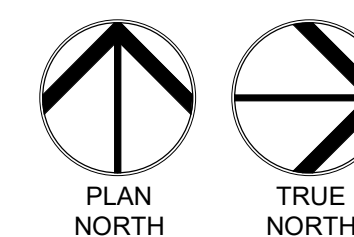
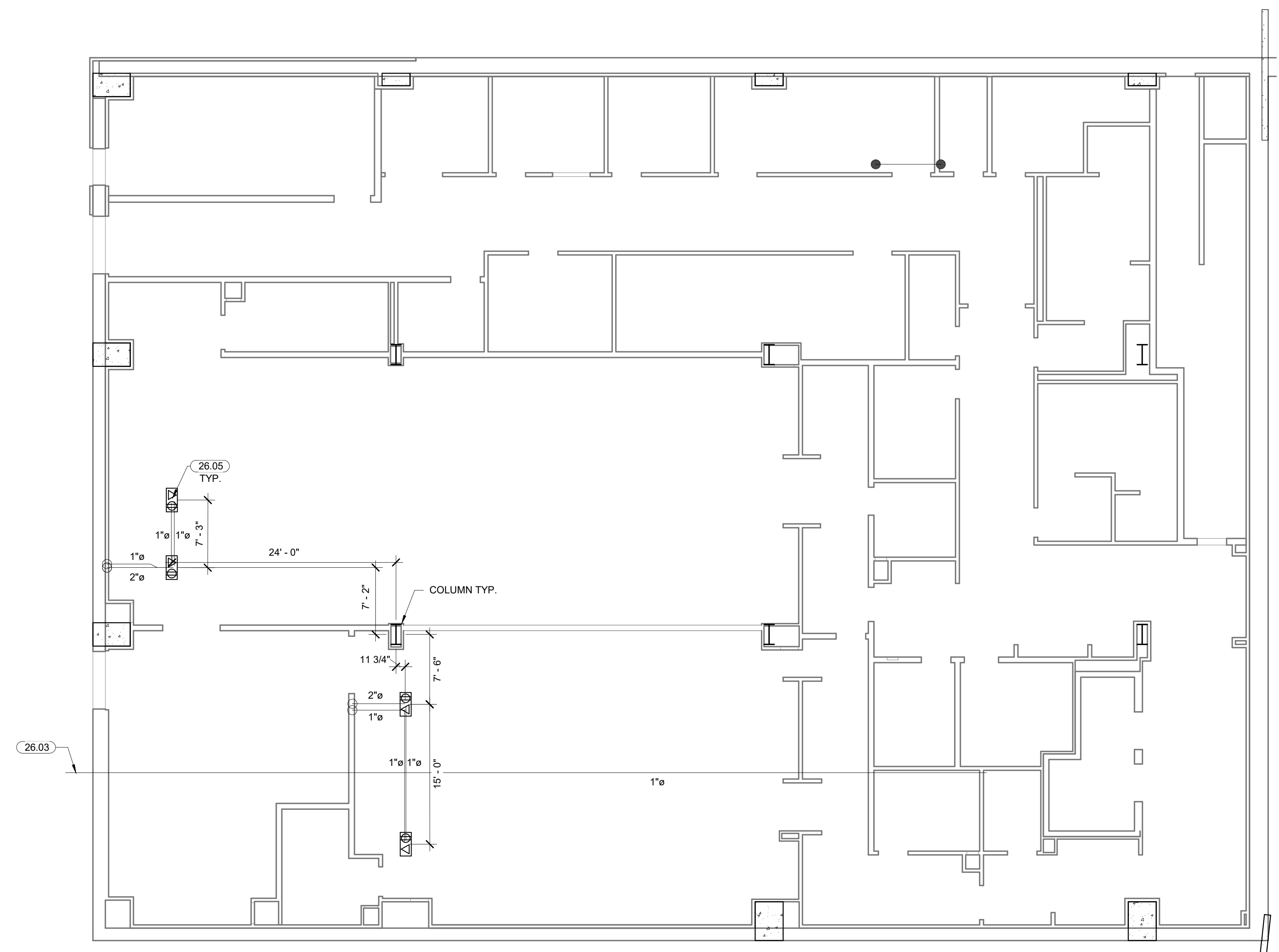
CONDUITS TO BE STUBBED UP ABOVE SLAB, PROVIDE AMPLE SPACING FOR TRANSITION FROM RIGID TO EMT. ELECTRICAL PANELS SHOWN ARE STRICTLY PRELIMINARY AND ARE SUBJECT TO CHANGE.

CONDUITS PENETRATING FOOTING WALL ARE TO BE LOCATED AT LEAST 8" ABOVE FOOTING. INSTALL SLEEVING PER SPECIFICATION 26054.

### KEYNOTES

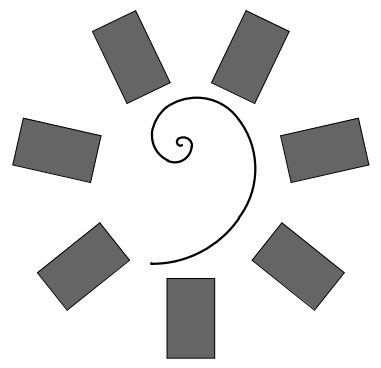
26.03 CONDUITS TO BE STUBBED AND CAPPED 3 FEET FROM BUILDING FOR FUTURE SITE LIGHTING.

26.05 ELECTRICAL CONTRACTOR TO PROVIDE INSLAB HOUSING, INTERIOR DEVICES TO BE INSTALLED AT A LATER DATE.



## UNDERGROUND BRANCH CIRCUIT PLAN BASEMENT LEVEL SECTOR 02

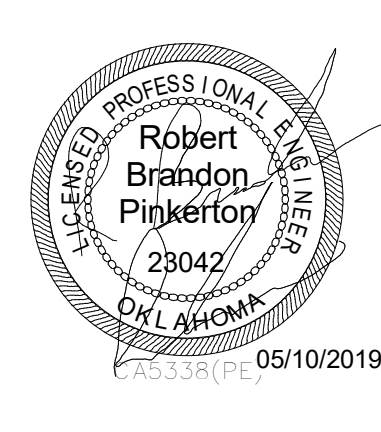
1/8" = 1'-0"



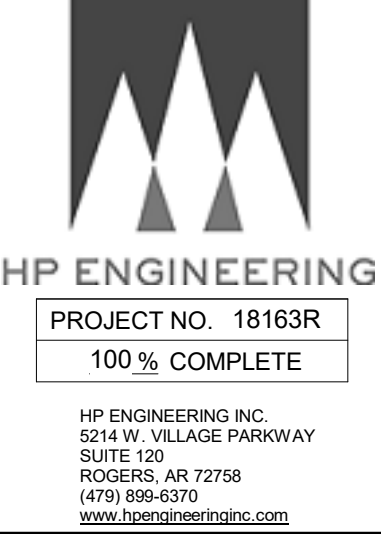
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PROFESSIONAL SEAL:

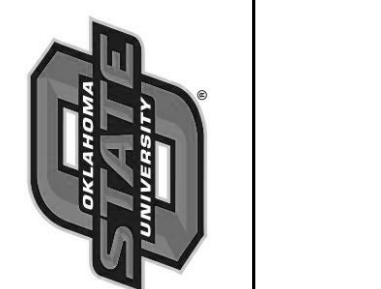
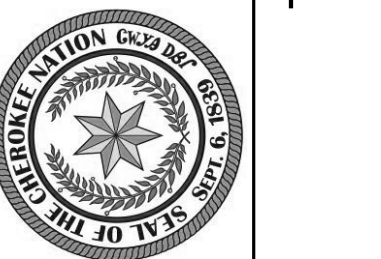


CONSULTANT LOGO

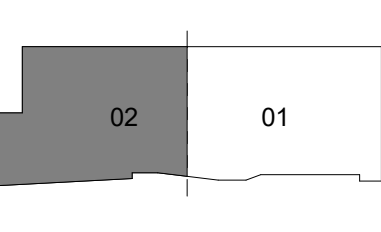


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KEY PLAN:



PROJECT PHASE:

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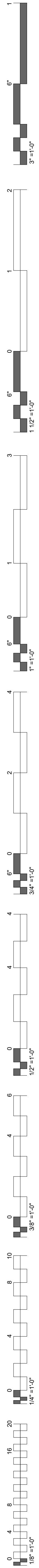
#	DATE	REVISIONS DESCRIPTION

DATE: 05-10-19 JOB NUMBER: 17-13

SHEET NUMBER:

E0.03

UNDERGROUND BRANCH CIRCUIT PLAN BASEMENT LEVEL SECTOR 02



**IN-SLAB PLAN NOTES**

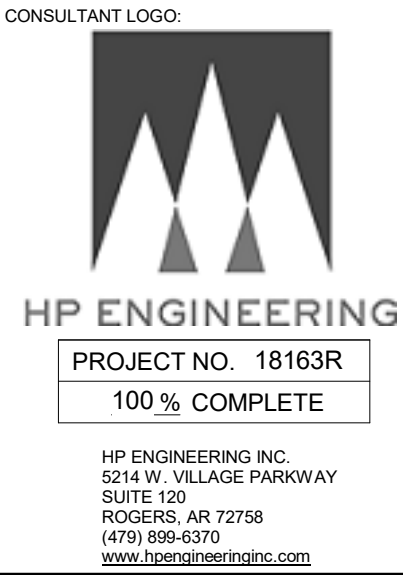
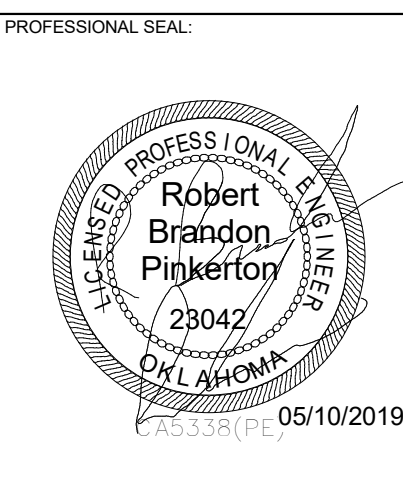
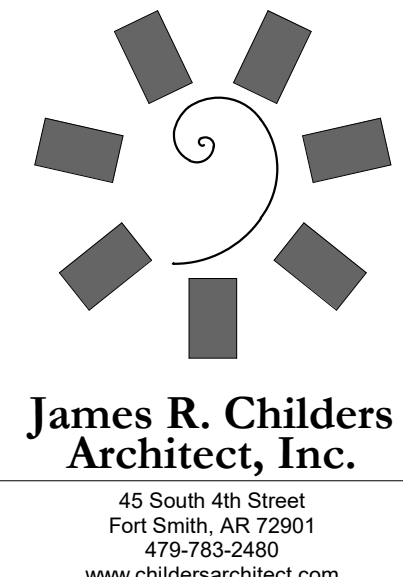
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CONDUITS PENETRATING FOOTING WALL ARE TO BE LOCATED AT LEAST 8" ABOVE FOOTING. INSTALL SLEEVING PER SPECIFICATION 26054.

**KEYNOTES**

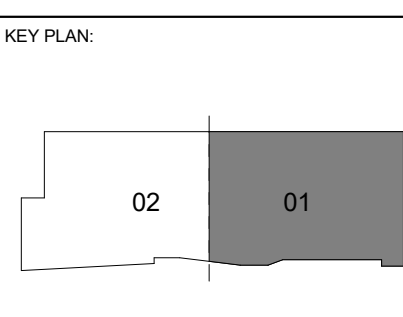
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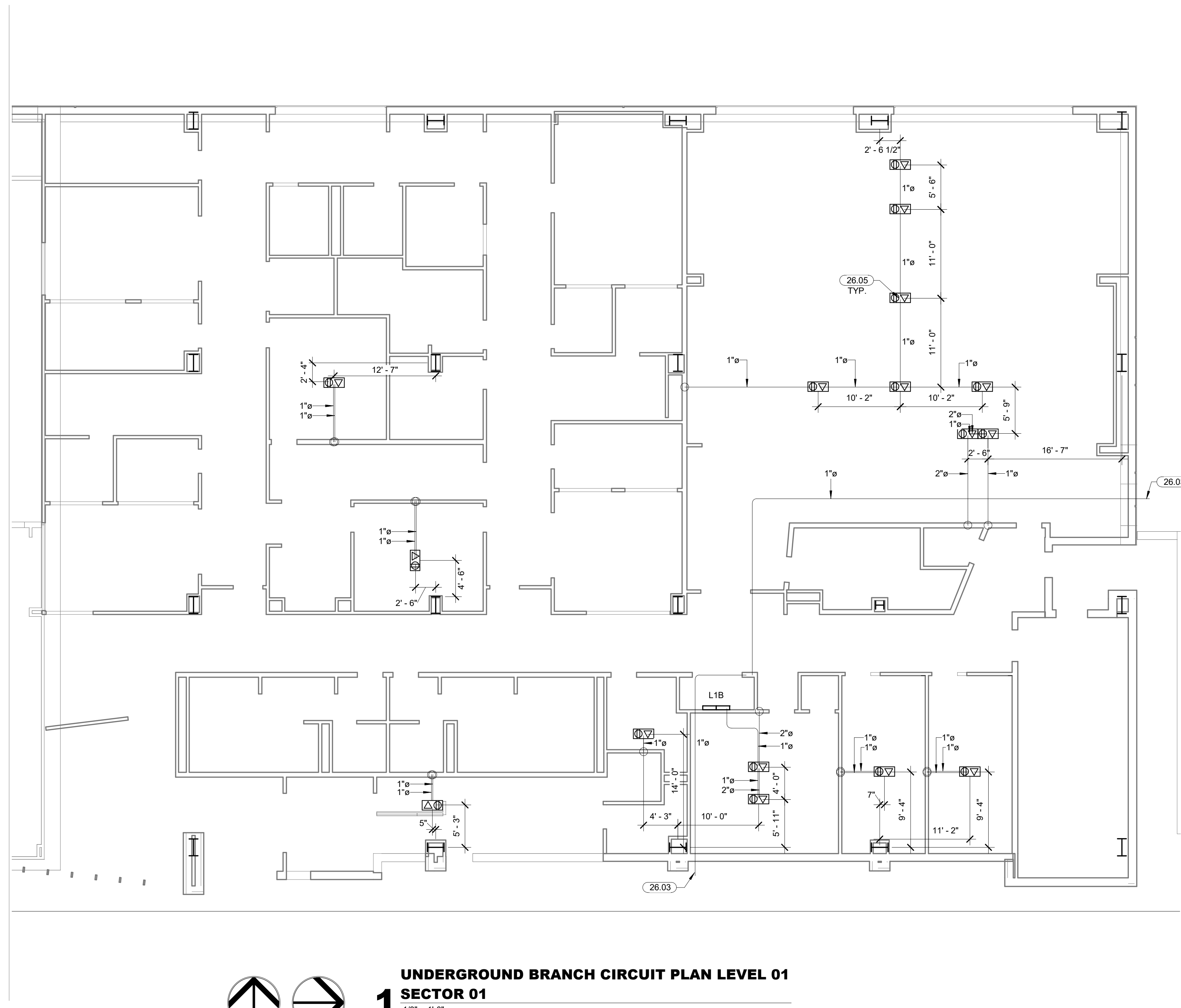
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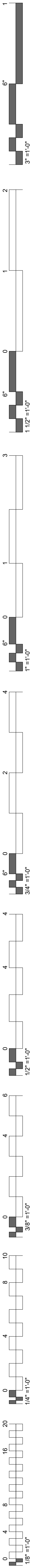
DATE: 05-10-19 JOB NUMBER: 17-13

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ELECTRICAL UNDERGROUND BRANCH CIRCUIT LEVEL 01 SECTOR 01



**1 UNDERGROUND BRANCH CIRCUIT PLAN LEVEL 01**  
**SECTOR 01**  
 1/8" = 1'-0"



### GENERAL POWER NOTES

- 1 ALL RECEPTACLES SHALL BE GROUNDING TYPE.
- 2 ALL RECEPTACLES INSTALLED IN BATHROOMS, OUTDOORS AND KITCHENS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION AS REQUIRED BY THE NATIONAL ELECTRIC CODE.
- 3 COORDINATE MECHANICAL EQUIPMENT CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. LOCATE FEEDERS, DISCONNECTS AND MAINTENANCE RECEPTACLES SO THAT THEY WILL NOT INTERFERE WITH OPERATION OR MAINTENANCE OF MECHANICAL EQUIPMENT.
- 4 PROVIDE POWER TO MECHANICAL, PLUMBING, AND ALL OTHER EQUIPMENT AS REQUIRED FOR PROPER OPERATION. COORDINATE AND VERIFY EACH PIECE OF EQUIPMENT'S POWER/CONTROL REQUIREMENTS PRIOR TO ORDERING RELATED ELECTRICAL EQUIPMENT. REFER TO RELATED MECHANICAL, PLUMBING, AND OTHER RELATED DOCUMENTS FOR LOCATIONS OF EQUIPMENT AND REQUIRED CLEARANCES AROUND EQUIPMENT.
- 5 COORDINATE EXACT MOUNTING HEIGHT OF EACH ABOVE COUNTER RECEPTACLE WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- 6 ALL OUTLETS LOCATED IN AREAS REQUIRING GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION PER NEC-210 SHALL CONSIST OF A GFCI PROTECTED DEVICE, EVEN IF NOT SPECIFICALLY INDICATED IN THE DRAWINGS. THE GROUND-FAULT CIRCUIT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AS DEFINED IN THE NEC. ALL RECEPTACLES SUPPLIED THROUGH A GROUND-FAULT CIRCUIT INTERRUPTER SHALL BE MARKED "GFCI PROTECTED."

### GENERAL LIGHTING NOTES

- 1 WHERE RECESSED LIGHTING FIXTURES ARE INDICATED IN A FIRE RATED CEILING, PROVIDE A ONE HOUR RATED "TENT" FOR FIXTURE
- 2 PROVIDE ALL MOUNTING AND SUPPORT HARDWARE FOR LIGHT FIXTURES TO MEET SPECIFIED MOUNTING HEIGHTS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF FIXTURES.
- 3 CONNECT "UN-SWITCHED" HOT CONDUCTOR FROM CIRCUIT SERVING SPACE LIGHTING TO EACH EXIT SIGN, EMERGENCY LIGHT, AND ANY FIXTURE DESIGNATED AS NIGHT LIGHT SERVING THE SPACE.
- 4 COORDINATE ALL DEVICES AND WALL-MOUNTED LIGHT FIXTURE LOCATIONS WITH THE ARCHITECTURAL WALL FINISHES AND ELEVATIONS. SPECIAL ATTENTION AND COORDINATION OF WALL TYPES AND FINISHES IS REQUIRED PRIOR TO ROUGH-IN. EXACT LOCATION OF DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGH-IN TO AVOID INSTALLATION ON SPECIAL ARCHITECTURAL WALL FINISHES. DEVICES NOT PROPERLY COORDINATED WITH THE SPECIAL WALL FINISHES INDICATED IN THE CONSTRUCTION DOCUMENTS PRIOR TO ROUGH-IN SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE OWNER.
- 5 ELECTRICAL CONTRACTOR SHALL VERIFY CHEVRON DIRECTIONS OF ALL EXIT SIGNS PRIOR TO ORDERING.
- 6 FOR BATTERY FED EMERGENCY LIGHTS: PROVIDE EMERGENCY BALLAST. PROVIDE "HOT" WIRE TO EMERGENCY BALLAST. SWITCH FIXTURE AS INDICATED ON PLANS.
- 7 COORDINATE AND PROVIDE DIMMER SWITCHES RATED FOR AND COMPATIBLE WITH INTENDED LIGHT FIXTURE(S) TO BE CONTROLLED. CIRCUITS CONTROLLED WITH LINE-VOLTAGE DIMMER SWITCHES SHALL NOT SHARE NEUTRAL CONDUCTORS.

### GENERAL LOW VOLTAGE NOTES

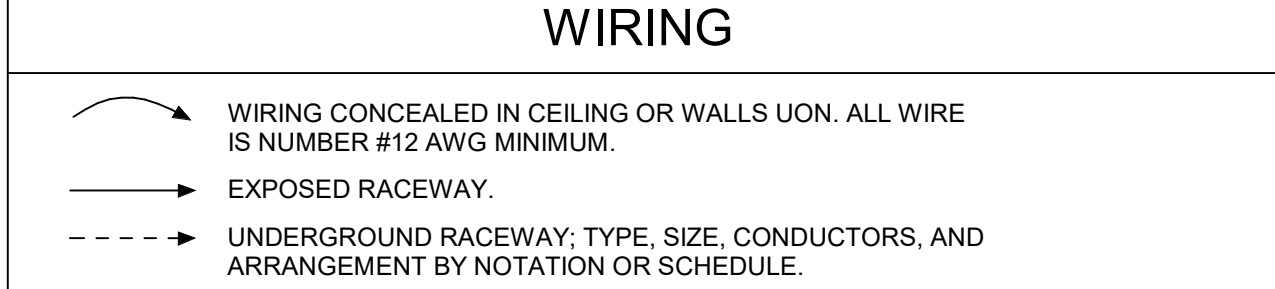
- 1 PROVIDE 4" WIDE X 8" TALL X 3/4" FIRE RATED, PAINTED CDX PLYWOOD BACKBOARD WHERE SHOWN ON DRAWINGS OR AS REQUIRED FOR TELEPHONE, CATV, ALARM SYSTEM EQUIPMENT, ETC. COORDINATE EXACT LOCATION(S) WITH RESPONSIBLE CONTRACTOR(S).
- 2 PROVIDE (1) 1/2" CONDUIT, AND 4" SQUARE BOX WITH SINGLE GANG DEVICE RING FOR ALL THERMOSTAT LOCATIONS INDICATED ON THE MECHANICAL DRAWINGS. ROUTE CONDUIT FROM BOX TO ACCESSIBLE CEILING CAVITY. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. PROVIDE PULL STRING IN ALL EMPTY CONDUIT SYSTEMS. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 3 PROVIDE CABLE HOOKS ABOVE CEILING ON 6" CENTERS IN ALL CORRIDORS. MOUNT 6 INCHES ABOVE CEILING.
- 4 PROVIDE ROUGH-IN OF ALL BACK BOXES, CONDUITS WITH BUSHINGS AND PULL STRINGS) AND OTHER WIRE WAYS AS REQUIRED FOR LOW VOLTAGE SYSTEMS. COORDINATE ALL REQUIRED LOCATIONS WITH OWNER AND RESPONSIBLE CONTRACTOR(S).
- 5 FURNISH AND INSTALL A TELEPHONE SERVICE CONDUIT(S) PER TELEPHONE SERVICE PROVIDER SPECIFICATIONS. STUB UP AT DESIGNATED EQUIPMENT BOARD.
- 7 ONE #8 COPPER INSULATED GROUND WIRE FROM THE ELECTRICAL SERVICE GROUND TO THE TELEPHONE EQUIPMENT BOARD. LEAVE 36" EXTRA WIRE AT FREE END.
- 8 FURNISH AND INSTALL A CABLE TV SERVICE CONDUIT(S) PER CABLE TV PROVIDER SPECIFICATIONS. STUB UP AT SERVICE POINT.
- 9 REFER TO SITE UTILITIES PLAN AND COORDINATE ENTIRE INSTALLATION WITH CABLE TV SERVICE PROVIDER.
- 9 REFER TO SITE UTILITIES PLAN AND COORDINATE ENTIRE INSTALLATION WITH PHONE SERVICE PROVIDER.
- 10 PROVIDE BACK BOX AND CONDUIT TO ABOVE THE ACCESSIBLE CEILING AS REQUIRED FOR THE HVAC BUILDING AUTOMATION SYSTEM DEVICES. COORDINATE EXACT LOCATIONS AND OTHER REQUIREMENTS WITH RELATIVE MEP DRAWINGS AND THE CONTROLS CONTRACTOR PRIOR TO ROUGH-IN. THERMOSTATS, TEMPERATURE SENSORS, STATIC PRESSURE SENSORS, HUMIDISTATS, ETC. SHALL BE INSTALLED AT THE SAME ELEVATION AS THE LIGHT SWITCHES UNLESS REQUIRED OTHERWISE.

### GENERAL ELECTRICAL NOTES

- 1 DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. REVIEW ALL GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS.
- 2 SPECIAL ATTENTION SHALL BE GIVEN TO ALL RACEWAYS WITHIN FINISHED AREAS WITHOUT CEILINGS AND EXPOSED TO STRUCTURE. IN GENERAL, ALL RACEWAYS SHALL BE CONCEALED WITHIN WALLS, ABOVE STRUCTURE FINISH OR BELOW FLOOR SLABS WHEN SPECIFIED. WHERE EXPOSED CONDITIONS ARE NECESSARY OR UNAVOIDABLE DUE TO OTHER CONDITIONS, THE BID SHALL INCLUDE ANY REASONABLE MEANS TO MINIMIZE THE AMOUNT OF SURFACE MOUNTED EQUIPMENT. PRIOR TO ROUGH-IN, COORDINATE ALL EXPOSED RACEWAY AND BOX CONDITIONS WITH ARCHITECT PRIOR TO CONSTRUCTION OF WALLS, ROOF DECK, OR FLOOR SLABS. ATTACHMENT TO ROOF DECK OR JOIST WEBBINGS IS NOT ALLOWED. MAINTAIN A MINIMUM SPACING OF 1-1/2" FROM CONDUIT TO ROOF DECK. IN AREAS WHERE EXPOSED RACEWAYS ARE REQUIRED, INSTALL SYSTEMS SQUARE AND TIGHT TO STRUCTURE AND PAINT TO MATCH THE STRUCTURE PER ARCHITECT AND/OR OWNER SPECIFICATIONS. FAILURE TO PROPERLY COORDINATE THE ROUTING OF EXPOSED RACEWAYS MAY RESULT IN RELOCATION OF SUCH RACEWAYS AT NO ADDITIONAL COST TO THE OWNER.
- 3 OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE-RESISTANT-RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS TO MAINTAIN THE FIRE RESISTANCE RATING. PROVIDE PENETRATION FIRE STOPPING WITH RATINGS DETERMINED PER ASTM E 814 OR UL 1479. FIRE STOPPING SHALL NOT BE LESS THAN FIRE RESISTANCE RATING OF CONSTRUCTED PENETRATIONS.
- 4 FIELD VERIFY LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT, INCLUDING POWER POLES, TELEPHONE PEDESTALS, OVERHEAD AND UNDERGROUND FEEDERS, METERS, PANELS, DEVICES, ETC. PROVIDE FOR COORDINATION WITH EXISTING EQUIPMENT.
- 5 ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE, STATE LAWS, ALL AUTHORITIES HAVING JURISDICTION, AND ALL OTHER REGULATIONS GOVERNING WORK OF THIS NATURE.
- 6 THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIAL, AND LABOR TO SATISFY A COMPLETE AND WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
- 7 CONTRACTOR TO CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT.
- 8 THE CONTRACTOR SHALL FURNISH AND INSTALL ALL GROUNDING SYSTEMS (AS REQUIRED) IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- 9 ALL ELECTRICAL MATERIALS AND EQUIPMENT FOR THE PROJECT SHALL BE NEW AND U.L. OR EQUALLY LISTED.
- 10 SUBMIT TO THE OWNER CERTIFICATES OF INSPECTIONS IN DUPLICATE FROM AN APPROVED INSPECTION AGENCY UPON COMPLETION.
- 11 THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES AS REQUIRED.
- 12 THE CONTRACTOR SHALL FURNISH ALL INSTRUMENTS AND QUALIFIED PERSONNEL OR FIRM TO PERFORM ALL REQUIRED TESTS.
- 13 ALL ELECTRICAL WORK SHALL BE COORDINATED WITH THE MECHANICAL WORK AS CALLED FOR IN MECHANICAL SPECIFICATIONS AND PLANS.
- 14 THE TYPE OF CONDUIT SHALL BE AS FOLLOWS FOR ALL FEEDERS AND DISTRIBUTION CIRCUITS, UNLESS OTHERWISE SPECIFIED.  
APPLICATION - TYPE OF CONDUIT  
BURIED IN CONCRETE OR OUTDOORS - PVC WITH RIGID GALVANIZED STEEL ELBOWS  
SERVICE ENTRANCE - GALVANIZED RIGID STEEL OR SERVICE UTILITY SPECIFICATIONS
- 15 UNDERGROUND UTILITIES/FEEDERS/BRANCH CIRCUITS/ETC. SHALL NOT BE ROUTED THROUGH OR WITHIN 25 FEET OF ANY AREAS DEDICATED FOR FUTURE BUILDING ADDITION.
- 16 FURNISH AND INSTALL MATERIALS FOR A TEMPORARY CONSTRUCTION SERVICE AS REQUIRED.
- 17 FURNISH AND INSTALL A COMMUNICATION SERVICE CONDUIT(S) PER TELEPHONE SERVICE PROVIDER SPECIFICATION. STUB UP AT DESIGNATED EQUIPMENT BOARD.
- 18 FURNISH AND INSTALL A CABLE TV SERVICE CONDUIT(S) PER CABLE TV PROVIDER SPECIFICATIONS. STUB AT SERVICE POINT.
- 19 REFER TO SITE UTILITIES PLAN AND COORDINATE ENTIRE INSTALLATION WITH TV SERVICE PROVIDER.
- 20 REFER TO SITE UTILITIES PLAN AND COORDINATE ENTIRE INSTALLATION WITH COMMUNICATION SERVICE PROVIDER.

### ABBREVIATIONS

AC	ABOVE COUNTER	IG	ISOLATED GROUND
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRICAL CODE
E	EXISTING	NEMA	NATIONAL ELECTRICAL
EC	ELECTRICAL CONTRACTOR	NAF	MANUFACTURERS ASSOC.
EP	EXPLOSION PROOF	NIC	NOT IN CONTRACT
GFI	GROUND FAULT CIRCUIT INTERRUPTER	NL	NIGHT LIGHT
GR	GROUND	UG	UNDERGROUND
HP	HORSE POWER	UON	UNLESS OTHERWISE NOTED
		WP	WEATHERPROOF
		WR	WEATHER RESISTANT



### SWITCHES

- \* SWITCH MOUNTED AT +48"; SINGLE POLE UON. LOWER CASE LETTER, WHEN PRESENT, INDICATES FIXTURES CONTROLLED.
- \* ABBREVIATIONS FOR SWITCH
    - Z DOUBLE POLE SWITCH
    - 3 3-WAY SWITCH
    - 4 4-WAY SWITCH
    - D DIMMER SWITCH (SHALL BE COMPATIBLE WITH FIXTURE BEING DIMMED)
    - F FAN SWITCH- DUAL OPERATION WITH DIMMER
    - K KEYSWITCH
    - M MOTOR RATED SWITCH
    - OS DUAL TECHNOLOGY OCCUPANCY SENSOR
    - V VOLUME CONTROL SWITCH
  - ◇ OS CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH SPARE DRY CONTACTS. HUBBELL OMNIDIARR SERIES

### RECEPTACLES

- ⊕ DUPLEX RECEPTACLE (NEMA 5-20R)
- ⊕ DUPLEX RECEPTACLE (NEMA 5-20R); MOUNTED 8" ABOVE COUNTERTOP.
- ⊕ (ALL RECEPTACLE TYPES) WITH USB CHARGING PORTS
- ⊕ GFI DUPLEX RECEPTACLE (NEMA 5-20R), SELF-TEST TYPE
- ⊕ GFI DUPLEX RECEPTACLE (NEMA 5-20R), SELF-TEST TYPE; MOUNTED 8" ABOVE COUNTERTOP.
- ⊕ QUADRUPLEX RECEPTACLE (TWO NEMA 5-20R)
- ⊕ SPECIAL RECEPTACLE. VERIFY NEMA TYPE WITH MANUFACTURER

**⊕ TV** FLOOR BOX WITH DATA: LEGRAND WIREMOLD SERIES RF84E-OG OR RF86E-OG WITH EVOLUTION COVER. ROUTE (2) 1" FOR DATA FROM FLOOR BOX TO NEAREST ACCESSIBLE CEILING SPACE. ON FLOOR LEVELS WITH ACCESSIBLE SPACE BELOW, USE POKE-THRU STYLE FLOOR BOXES: LEGRAND DAT SERIES. SEE ARCHITECTURAL PLANS FOR LOCATION UON.

**⊕ TV TV** TELEVISION: PROVIDE HUBBELL NSAV62M JUNCTION BOX (OR EQUAL) WITH 1/2" CONDUIT FOR POWER AND 1" CONDUIT (WITH PULL STRINGS) FOR AV ROUTED TO ACCESSIBLE CEILING SPACE FOR DATA. PROVIDE JUNCTION BOX ADJACENT TO TV BOX WITH 1" CONDUIT TO ACCESSIBLE CEILING SPACE FOR A/C WIRING. CONFIRM HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.

- ⊕ SINGLE RECEPTACLE (NEMA 5-20R)
- ⊕ SPLIT WIRED DUPLEX RECEPTACLE (NEMA 5-20R)
- ⊕ DIRECT EQUIPMENT CONNECTION: VERIFY CONNECTION DETAILS WITH MANUFACTURER
- ⊕ FLOOR BOX: HUBBELL 3SF85S WITH 3SF8C COVER. EC SHALL ROUTE A 1" FOR FLOOR BOX TO NEAREST ACCESSIBLE CEILING SPACE. ON FLOOR LEVELS WITH ACCESSIBLE SPACE BELOW, USE POKE-THRU STYLE FLOOR BOXES: HUBBELL PT2X SERIES. SEE ARCHITECTURAL PLANS FOR LOCATION UON.
- ⊕ CEILING MOUNTED RECEPTACLE(NEMA 5-20R)

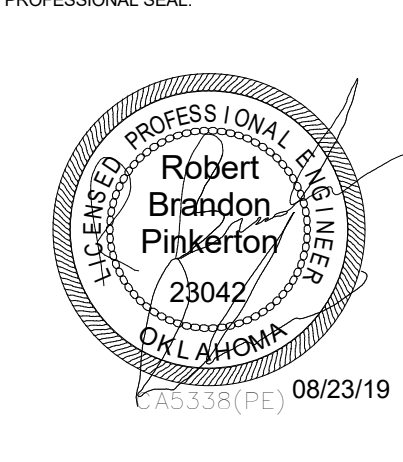
### PANELS AND MISC.

- LIGHT OR POWER PANEL
- ⊙ 4x4 JUNCTION BOX.
- EQUIPMENT DISCONNECT: INTERIOR DISCONNECTS SHALL BE NEMA 1 TYPE. EXTERIOR DISCONNECTS SHALL BE NEMA 3R TYPE. SIZE AS INDICATED IN THE PLANS AND PER NAMEPLATE RATING.
- ▽ PHONE/DATA: PROVIDE 47x4", 30-1/4 CUBIC INCH OUTLET BOX AT 8" ABOVE COUNTER (UON) WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. WIRING BY OTHERS.
- ▽ PHONE/DATA: PROVIDE 47x4", 30-1/4 CUBIC INCH OUTLET BOX AT +18" (UON) WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. WIRING BY OTHERS.
- ▽ PHONE/DATA: PROVIDE 47x4", 30-1/4 CUBIC INCH OUTLET BOX IN CEILING. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. WIRING BY OTHERS.
- ⊕ TV TELEVISION: PROVIDE 4X4 JUNCTION BOX WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. CONFIRM HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- ⊕ CEILING MOUNTED SPEAKER
- ⊕ CR CARD READER: REFER TO SYSTEM PLANS AND SPECIFICATIONS. AT EACH DOOR WITH A CARD READER PROVIDE ALL ELECTRICAL CONNECTIONS FOR DOOR HARDWARE SYSTEMS AS REQUIRED TO MAKE A COMPLETE OPERATIONAL SYSTEM. WHERE REQUIRED, BACK TO BACK 27x4" BOXES ARE ALLOWED FOR CARD READER AND PUSH TO EXIT SWITCH. PROVIDE POWER TO THE LOCK SYSTEM IN THE IT-ROOM WHERE NEEDED BY CONTRACTOR INSTALLING SYSTEM.

### FLOOR BOX SCHEDULE

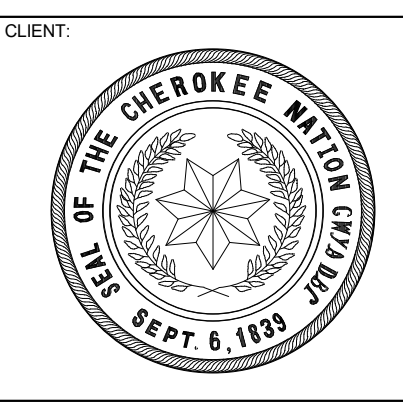
FB	QUAD ONLY	FB5	DUPLEX ONLY
FB1	QUAD AND ONE DATA	FB6	DUPLEX AND ONE DATA
FB2	QUAD AND TWO DATA	FB7	DUPLEX AND TWO DATA
FB3	QUAD AND THREE DATA	FB8	DUPLEX AND THREE DATA
FB4	QUAD AND FOUR DATA	FB9	DUPLEX AND FOUR DATA

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KEY PLAN

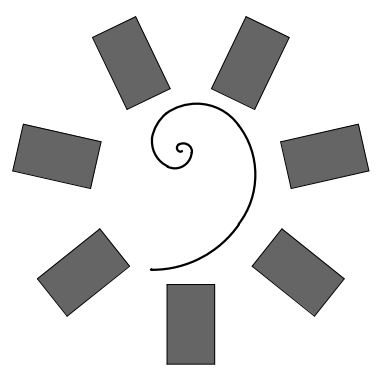

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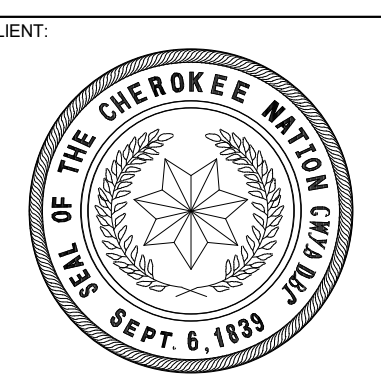
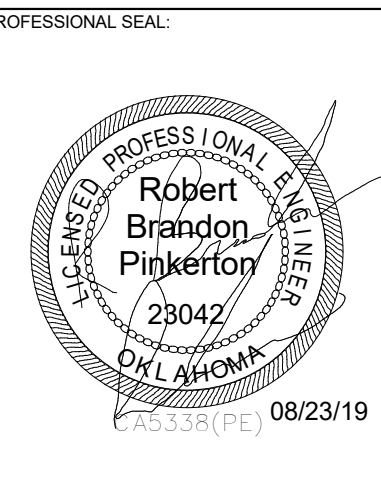
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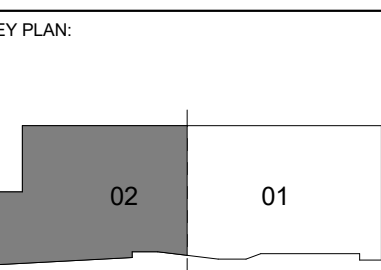
ELECTRICAL NOTES AND LEGEND



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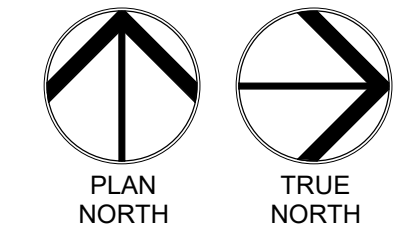
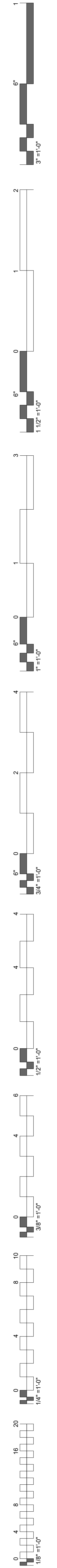
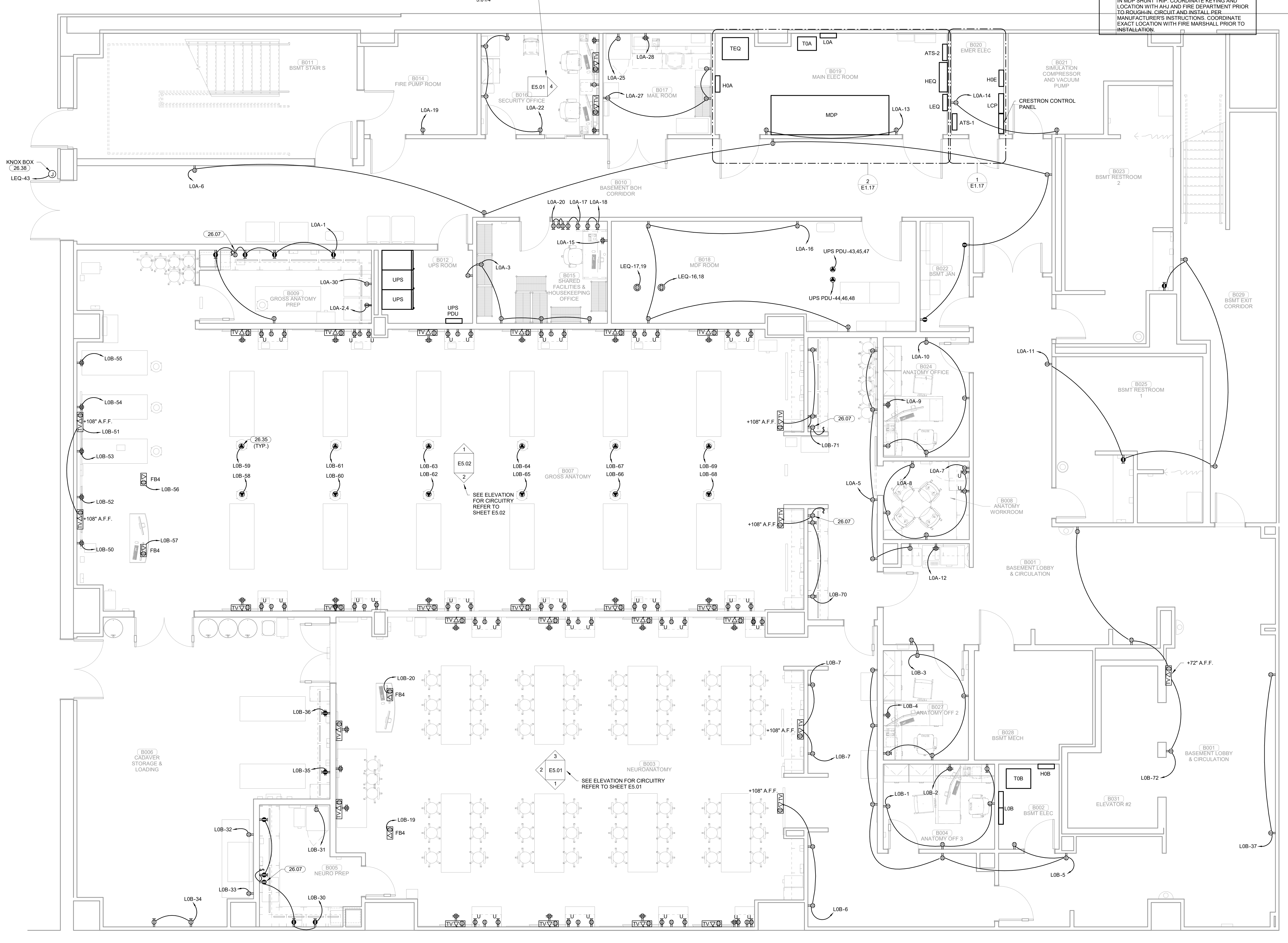
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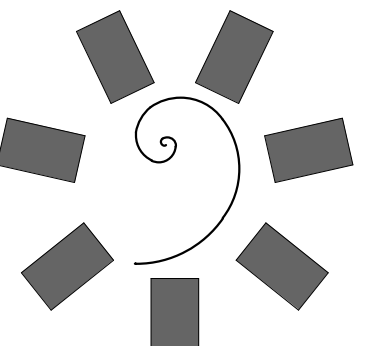
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POWER PLAN BASEMENT SECTOR 02

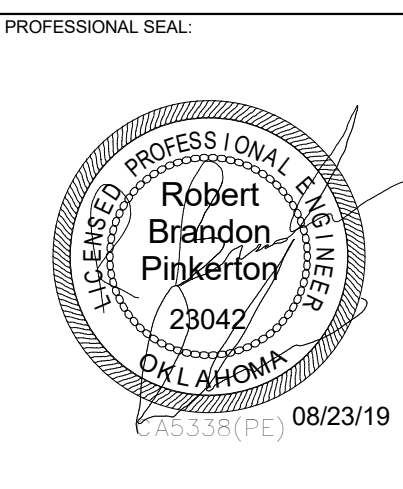
- KEYNOTES**
- 26.07 RECEPTACLE TO BE MOUNTED AT 72" A.F.F. AND CONNECTED TO INDIVIDUAL TOGGLE SWITCH FOR UNDERCABINET LIGHTING CONTROL.
  - 26.35 ELECTRICAL CONTRACTOR TO PROVIDE 5-20R CORD REEL. CORD REEL TO BE COMPLIANT WITH ALL NEC REQUIREMENTS FOR LOCATION IN WHICH IT IS INSTALLED. EXPOSED CORD NOT ALLOWED ABOVE CEILING.
  - 26.38 KNOX REMOTE POWER BOX SERIES #4500 (OR EQUAL) FOR OPERATION OF MAIN CIRCUIT BREAKER IN MDP SHUNT TRIP. COORDINATE KEYING AND LOCATION WITH AHJ AND FIRE DEPARTMENT PRIOR TO ROUGH-IN. CIRCUIT AND INSTALL PER MANUFACTURER'S INSTRUCTIONS. COORDINATE EXACT LOCATION WITH FIRE MARSHALL PRIOR TO INSTALLATION.




**1 GROSS ANATOMY PREP**  
1/4" = 1'-0"



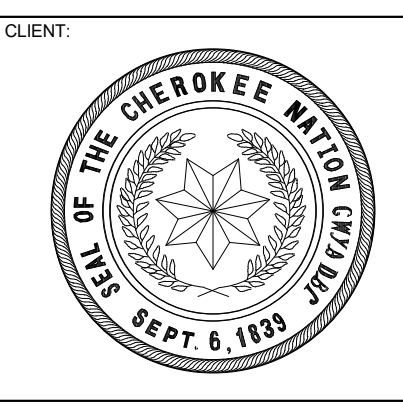
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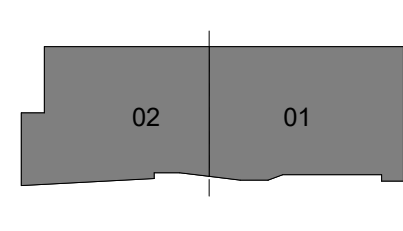
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KEY PLAN



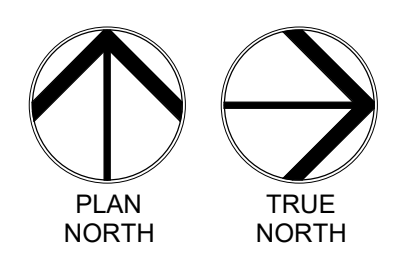
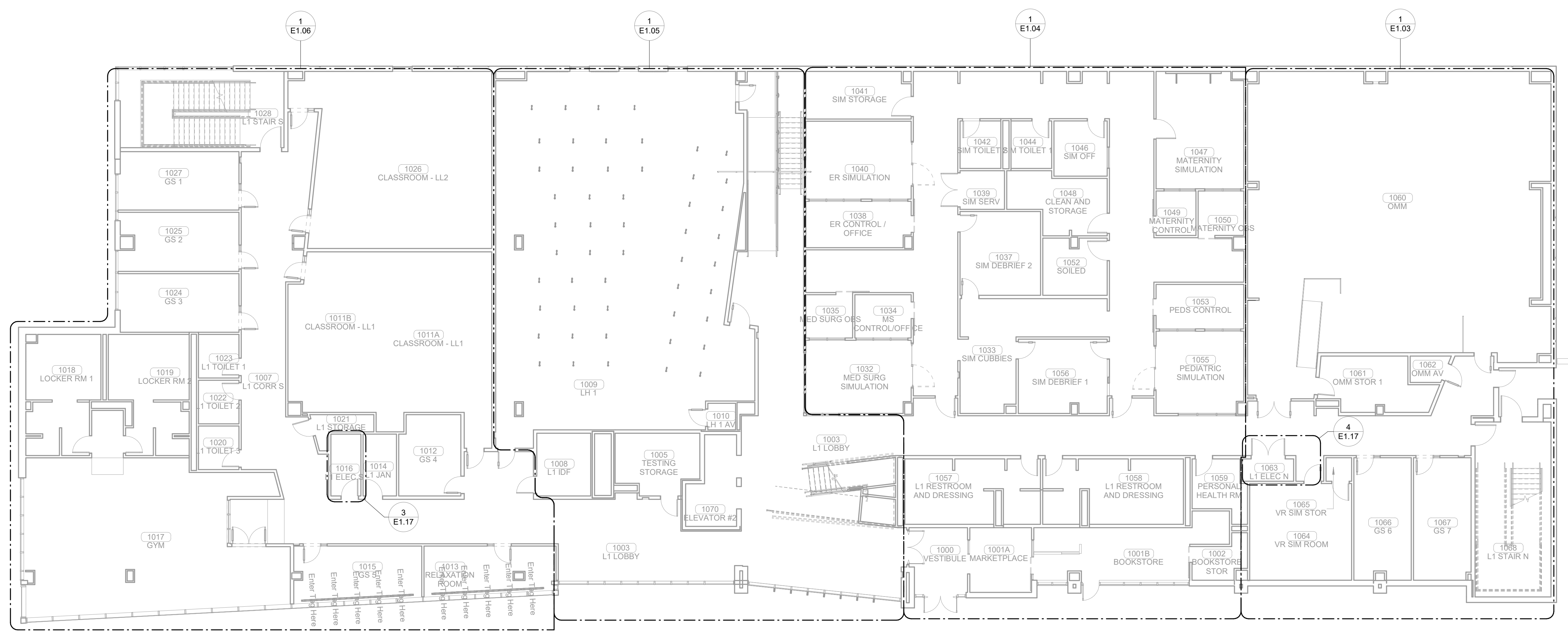
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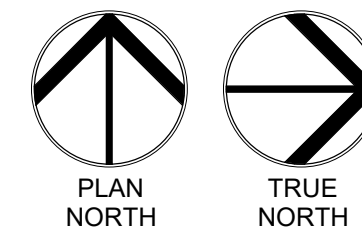
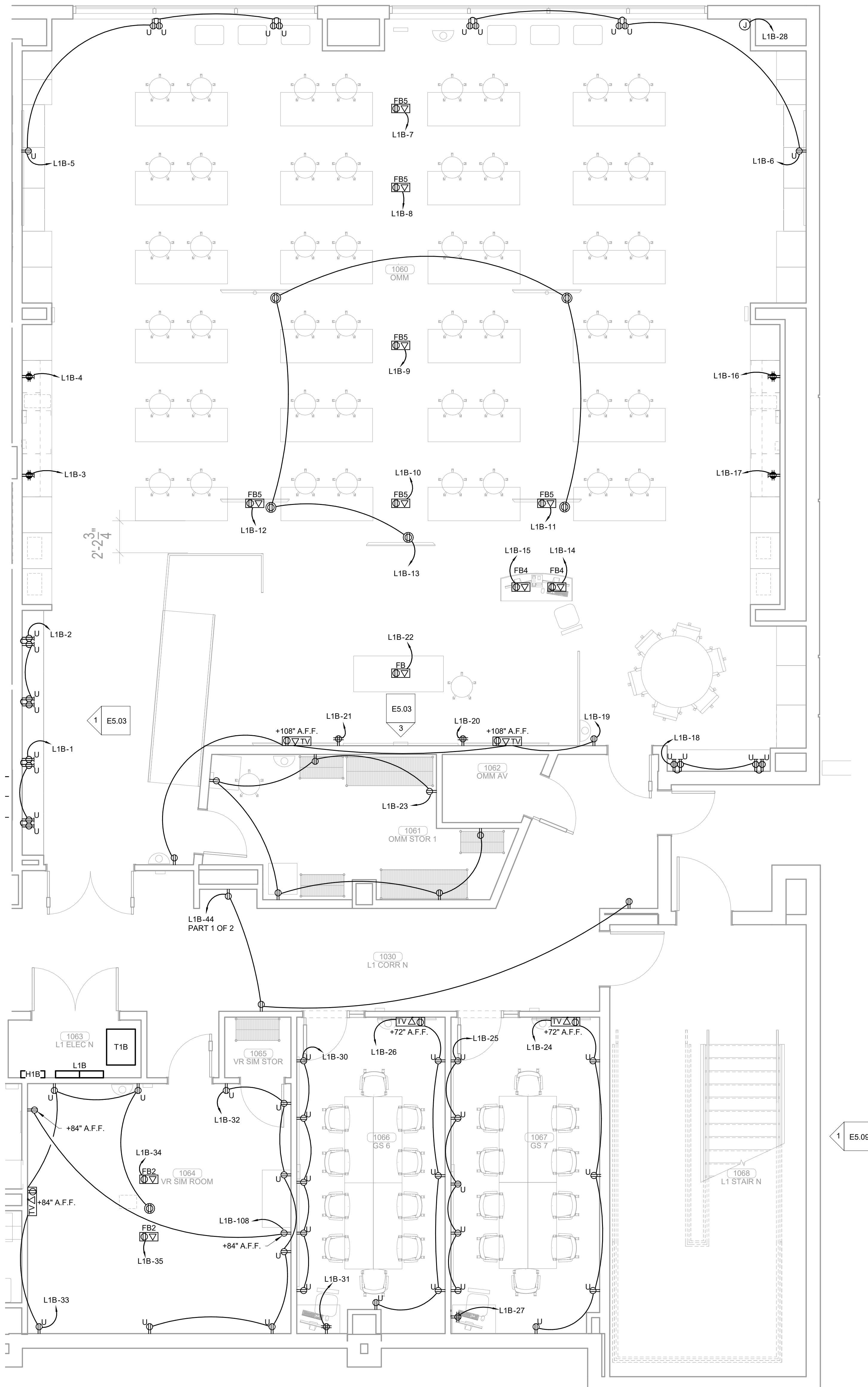
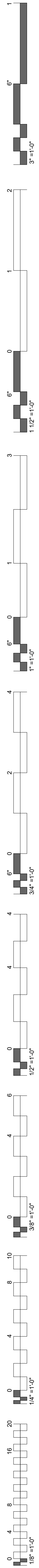
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OVERALL POWER PLAN - LEVEL 01

Vertical scale bars on the left side of the drawing, showing dimensions in feet and inches for various sections of the plan.

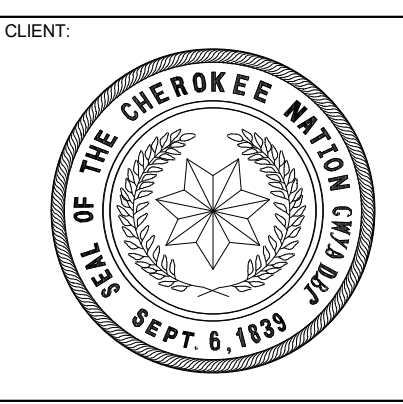
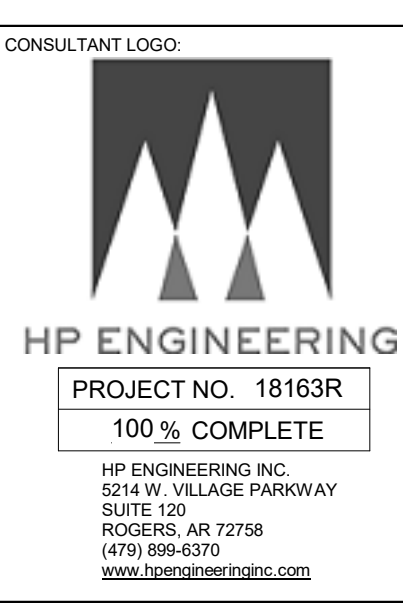
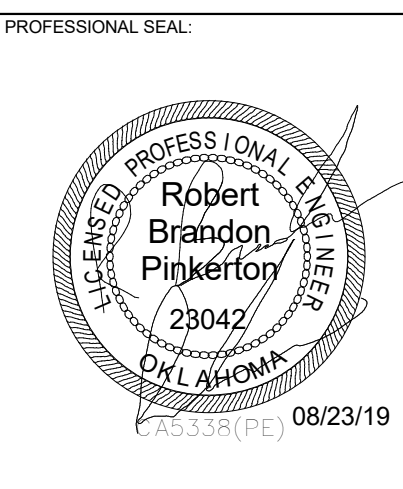


**1** OVERALL POWER PLAN - LEVEL 01  
3/32" = 1'-0"

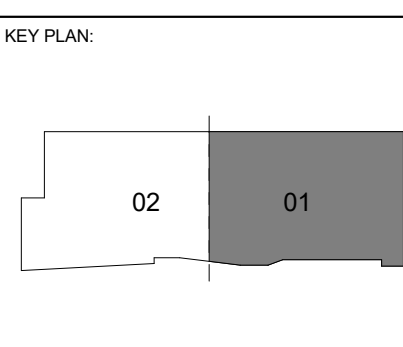




**1 ENLARGED POWER PLAN LEVEL 01 SECTOR 01**  
1/4" = 1'-0"



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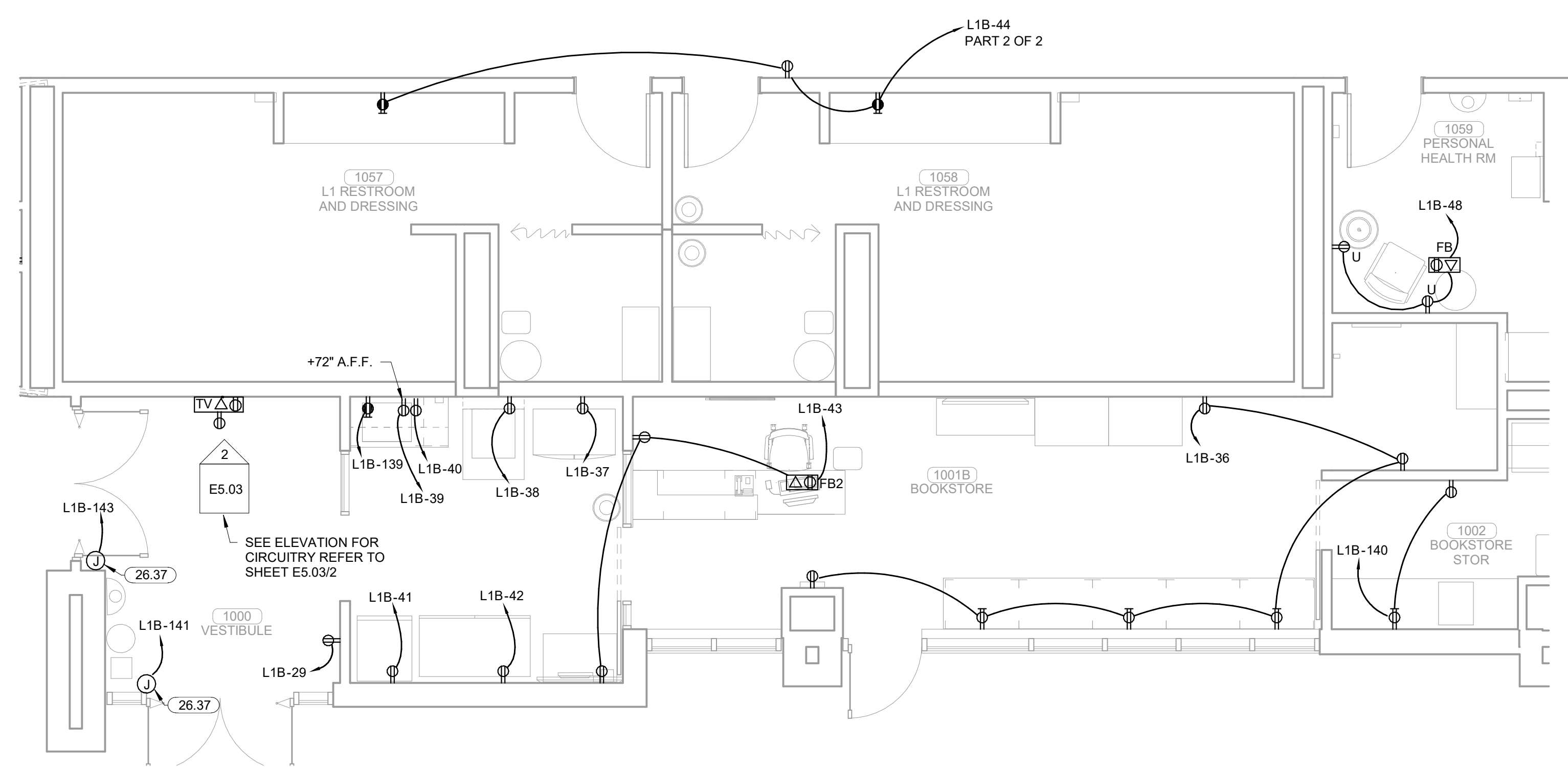
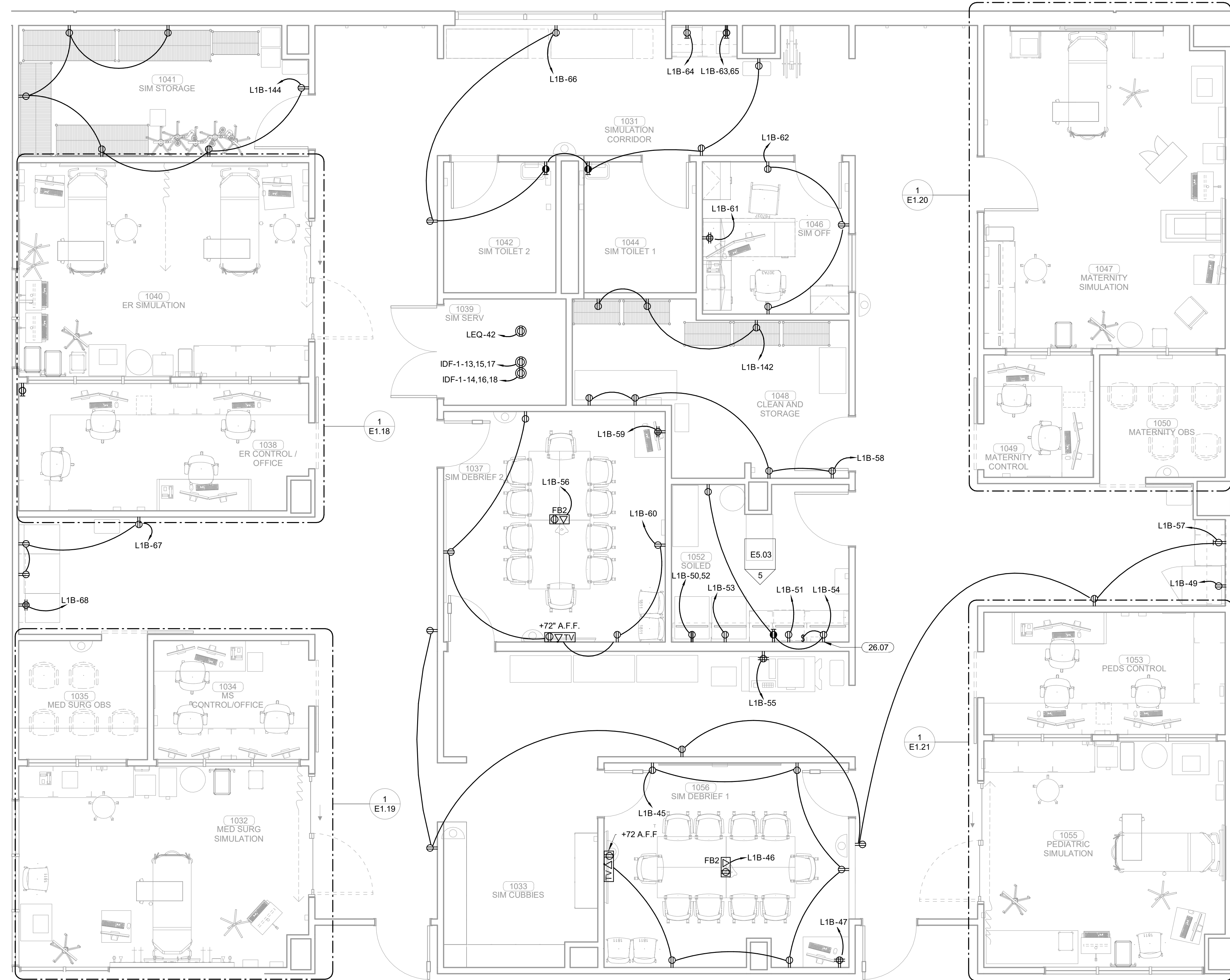
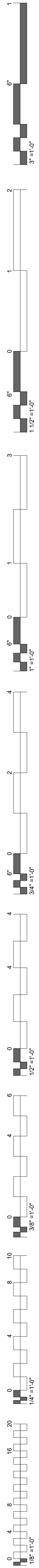
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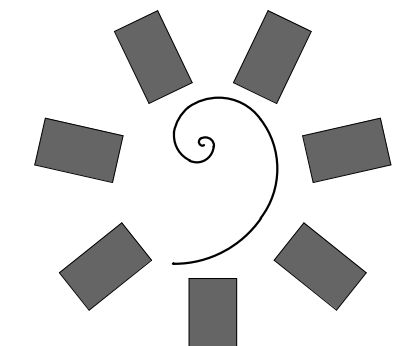
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**E1.03**

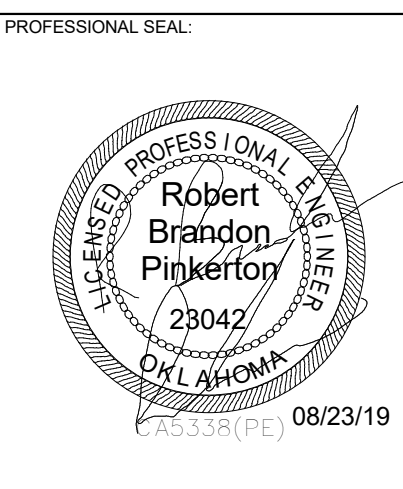
ENLARGED POWER PLAN  
LEVEL 01 SECTOR 01



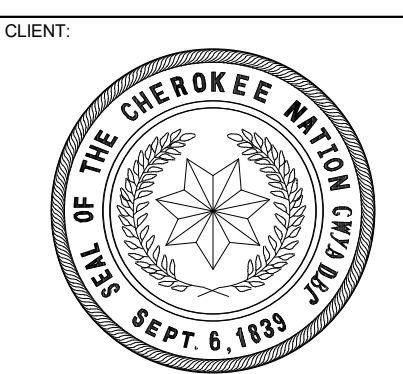
**KEYNOTES**  
 26.07 RECEPTACLE TO BE MOUNTED AT 72" A.F.F AND CONNECTED TO INDIVIDUAL TOGGLE SWITCH FOR UNDERCABINET LIGHTING CONTROL.  
 26.37 JUNCTION BOX FOR MOTORIZED DOORS, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT TERMINATION LOCATIONS.



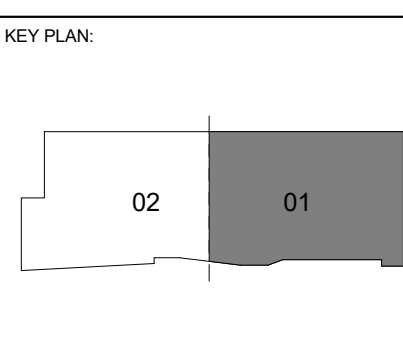
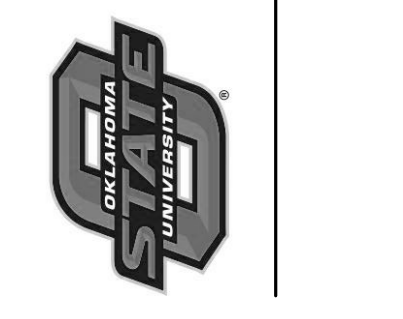
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 479-783-2450  
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 (479) 899-6370  
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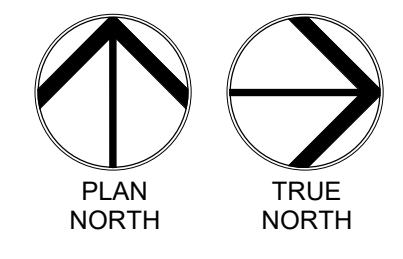
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS	DESCRIPTION

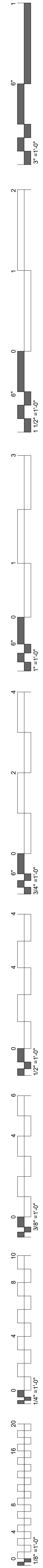
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
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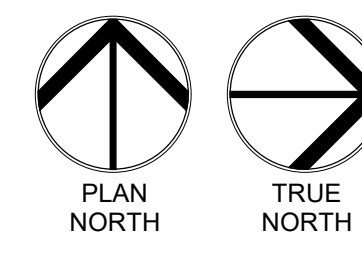
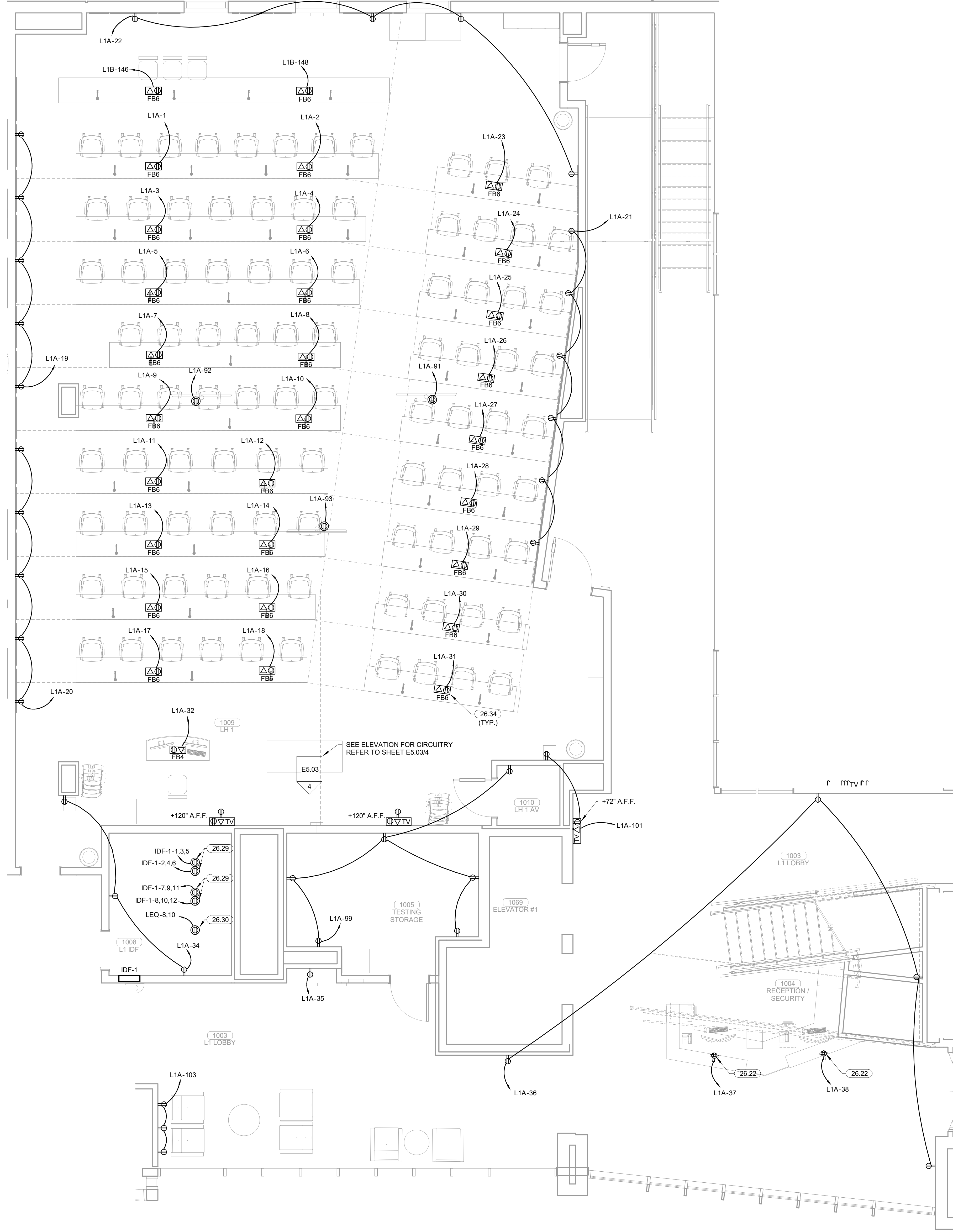
ENLARGED POWER PLAN  
 LEVEL 01 SECTOR 01



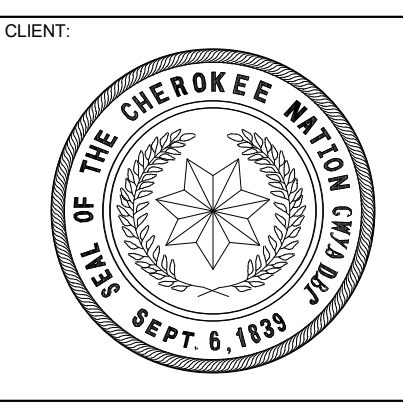
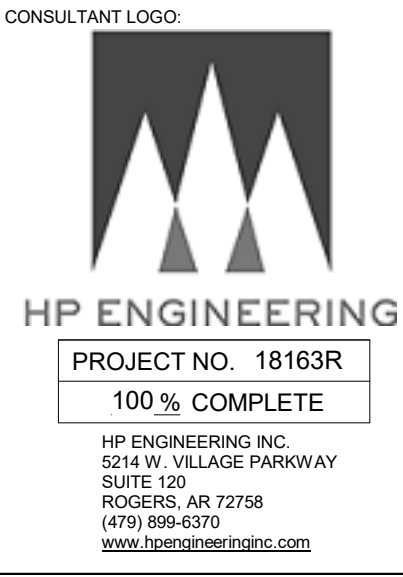
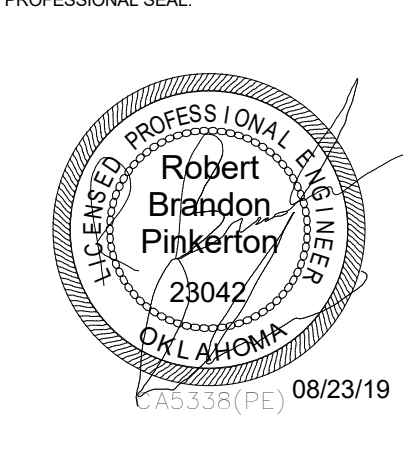
**1 ENLARGED POWER PLAN LEVEL 01 SECTOR 01**  
 1/4" = 1'-0"



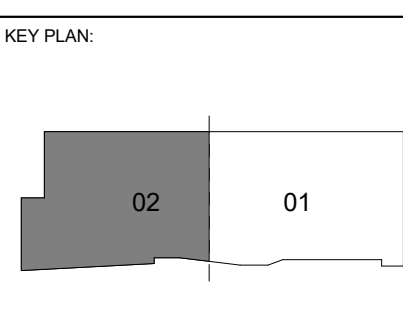
KEYNOTES	
26.22	ELECTRICAL CONTRACTOR TO COORDINATE INSTALLATION AND LOCATION WITH MILL WORK CONTRACTOR PRIOR TO ROUGH-IN.
26.29	L21-20R RECEPTACLE REQUIRED FOR ALL OSU DATA RACK CONNECTIONS. ALL OSU DATA RACKS 208V/3P AND REQUIRE A NEUTRAL.
26.30	L14-60R RECEPTACLE REQUIRED FOR ALL CN DATA RACK CONNECTIONS. ALL CN DATA RACKS ARE 208V/1P AND REQUIRE A NEUTRAL.
26.34	COORDINATE LOCATIONS WITH FURNITURE MANUFACTURER PRIOR TO INSTALLATION.



**1 ENLARGED POWER PLAN LEVEL 01 SECTOR 02**  
1/4" = 1'-0"



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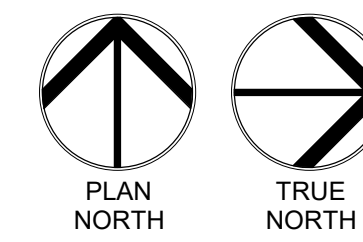
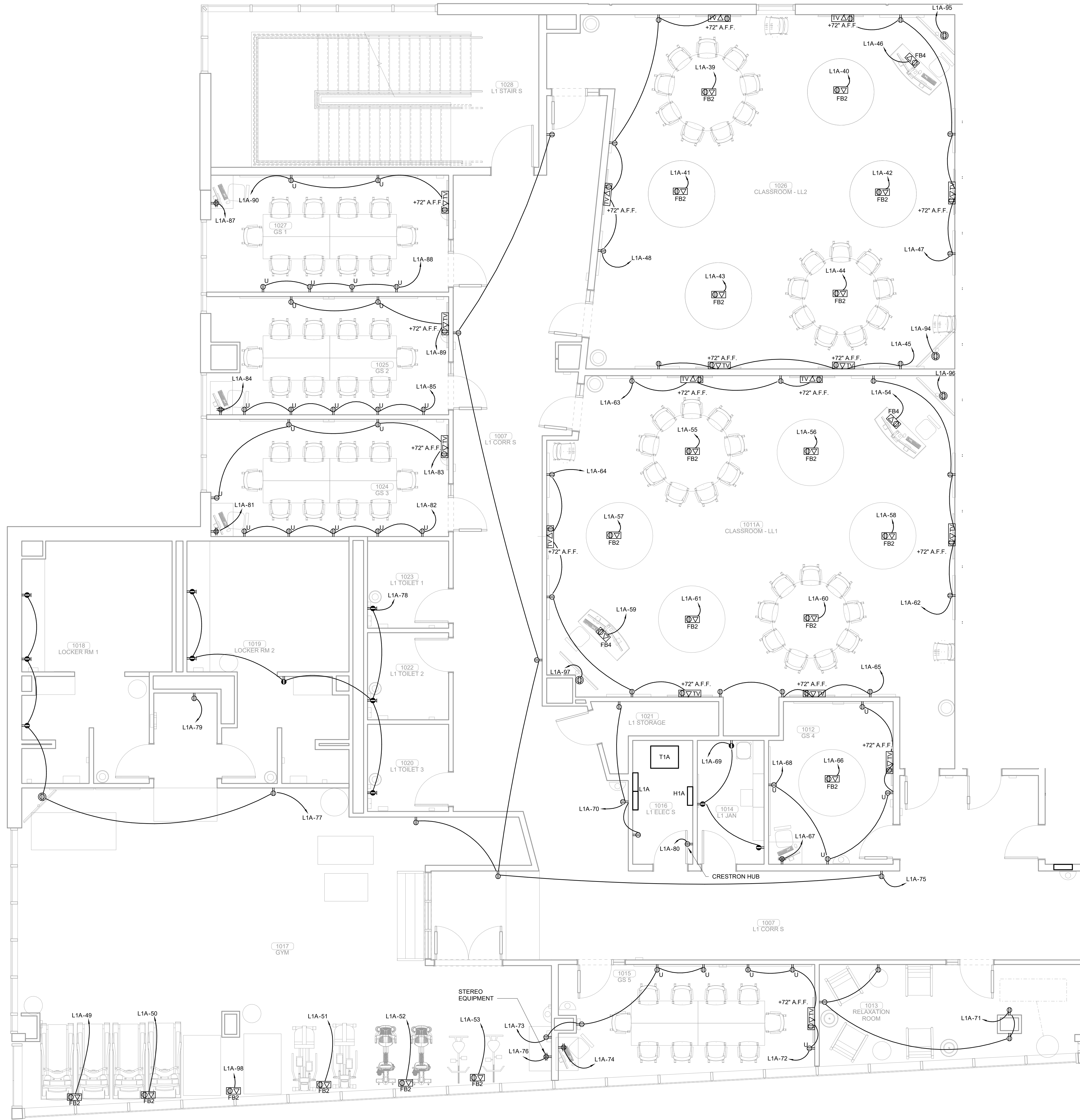
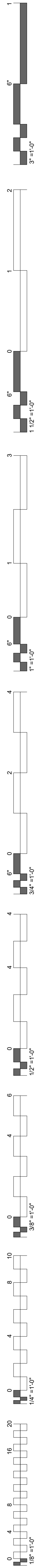
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CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS	DESCRIPTION

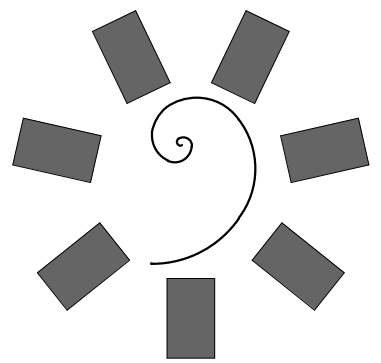
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SHEET NUMBER:  
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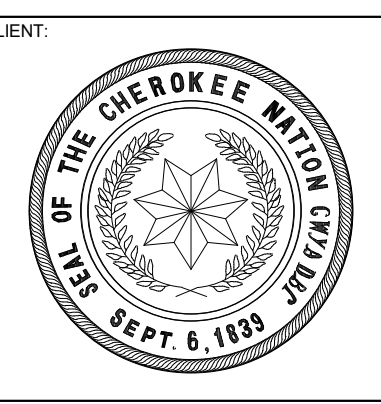
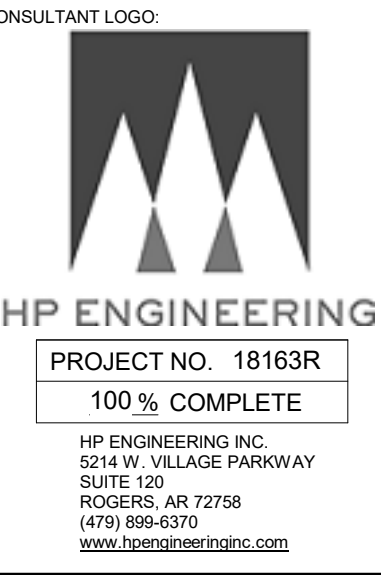
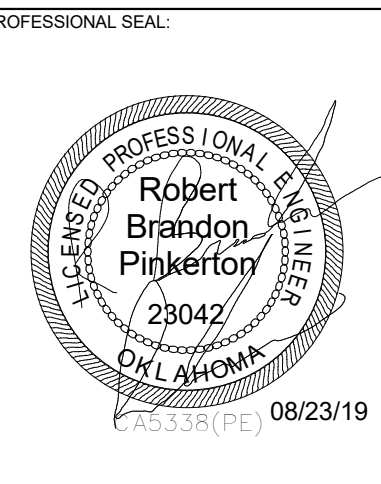
ENLARGED POWER PLAN  
LEVEL 01 SECTOR 02



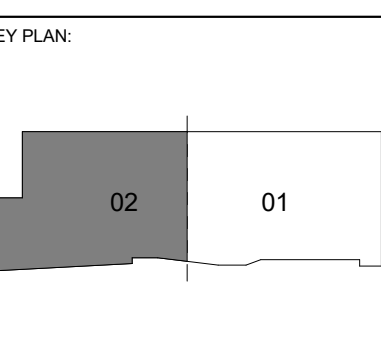
**1 ENLARGED POWER PLAN LEVEL 01 SECTOR 02**  
 1/4" = 1'-0"



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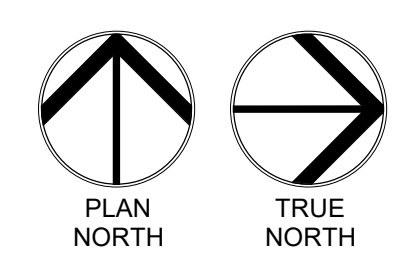
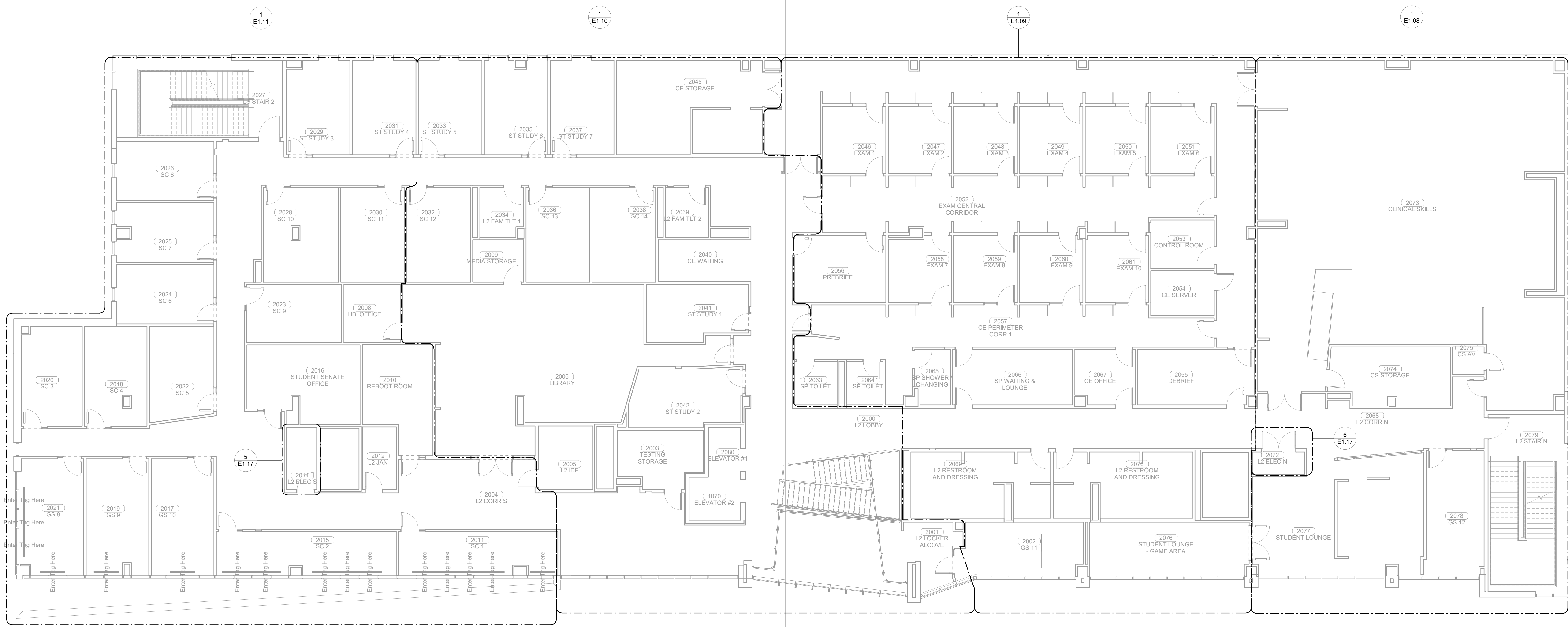
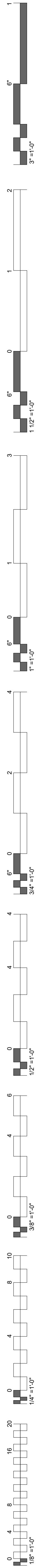
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**CONSTRUCTION DOCUMENTS**

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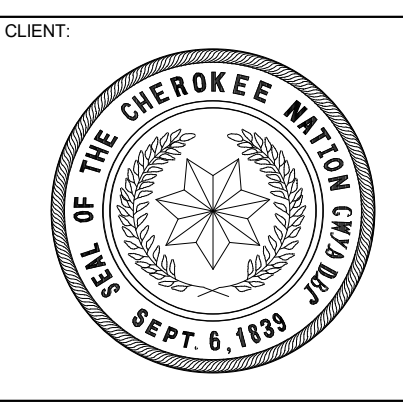
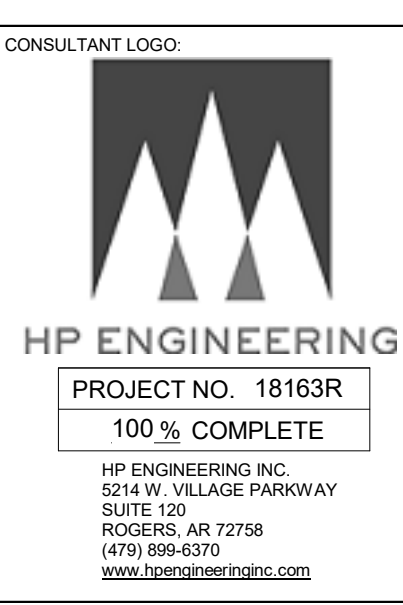
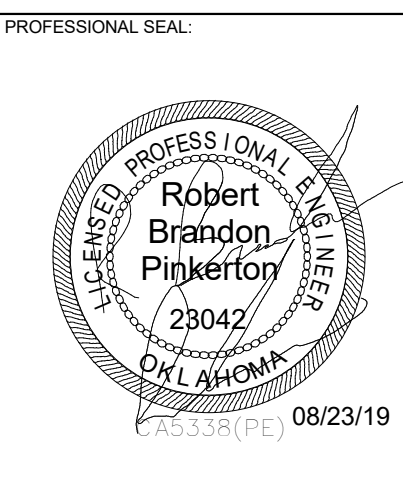
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SHEET NUMBER:  
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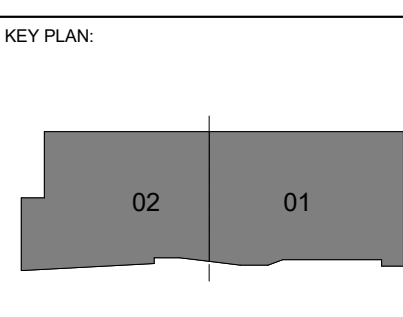
ENLARGED POWER PLAN  
 LEVEL 01 SECTOR 02



**1 OVERALL POWER PLAN - LEVEL 02**  
1/8" = 1'-0"



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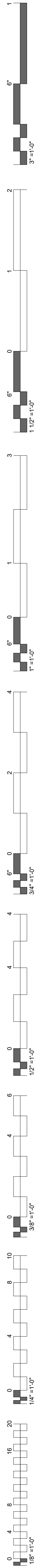
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

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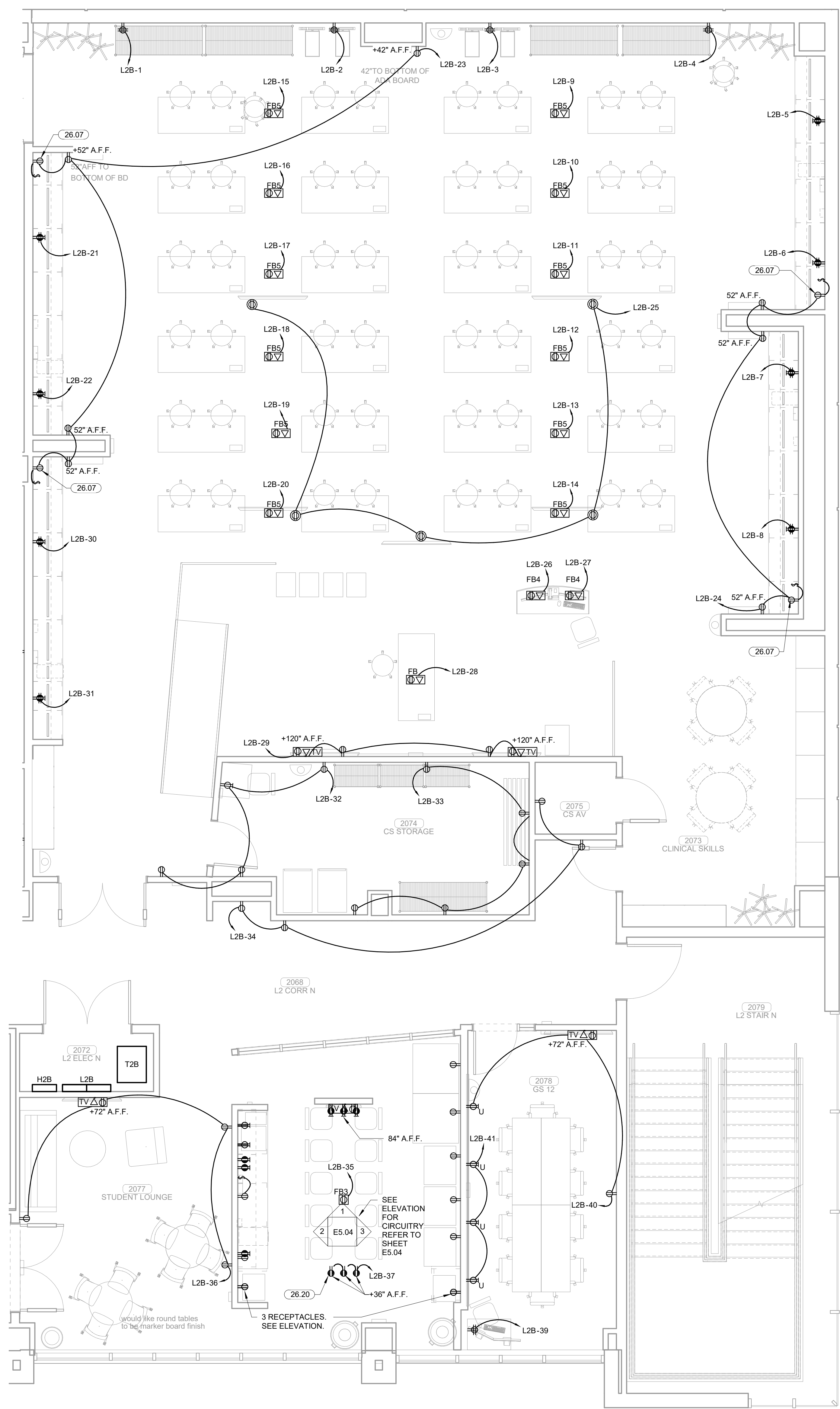
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.07**

OVERALL POWER PLAN - LEVEL 02



KEYNOTES	
26.07	RECEPTACLE TO BE MOUNTED AT 72" A.F.F AND CONNECTED TO INDIVIDUAL TOGGLE SWITCH FOR UNDERCABINET LIGHTING CONTROL.
26.20	EC SHALL COORDINATE LOCATIONS OF RECEPTACLES WITH MILL WORK.



PLAN NORTH  
 TRUE NORTH  
**2** ENLARGED POWER PLAN LEVEL 02 SECTOR 01  
 1/4" = 1'-0"

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KEY PLAN

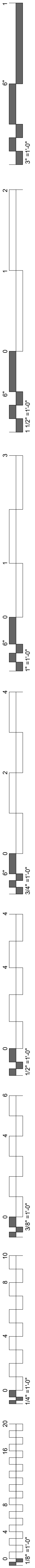
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#	DATE	REVISIONS	DESCRIPTION

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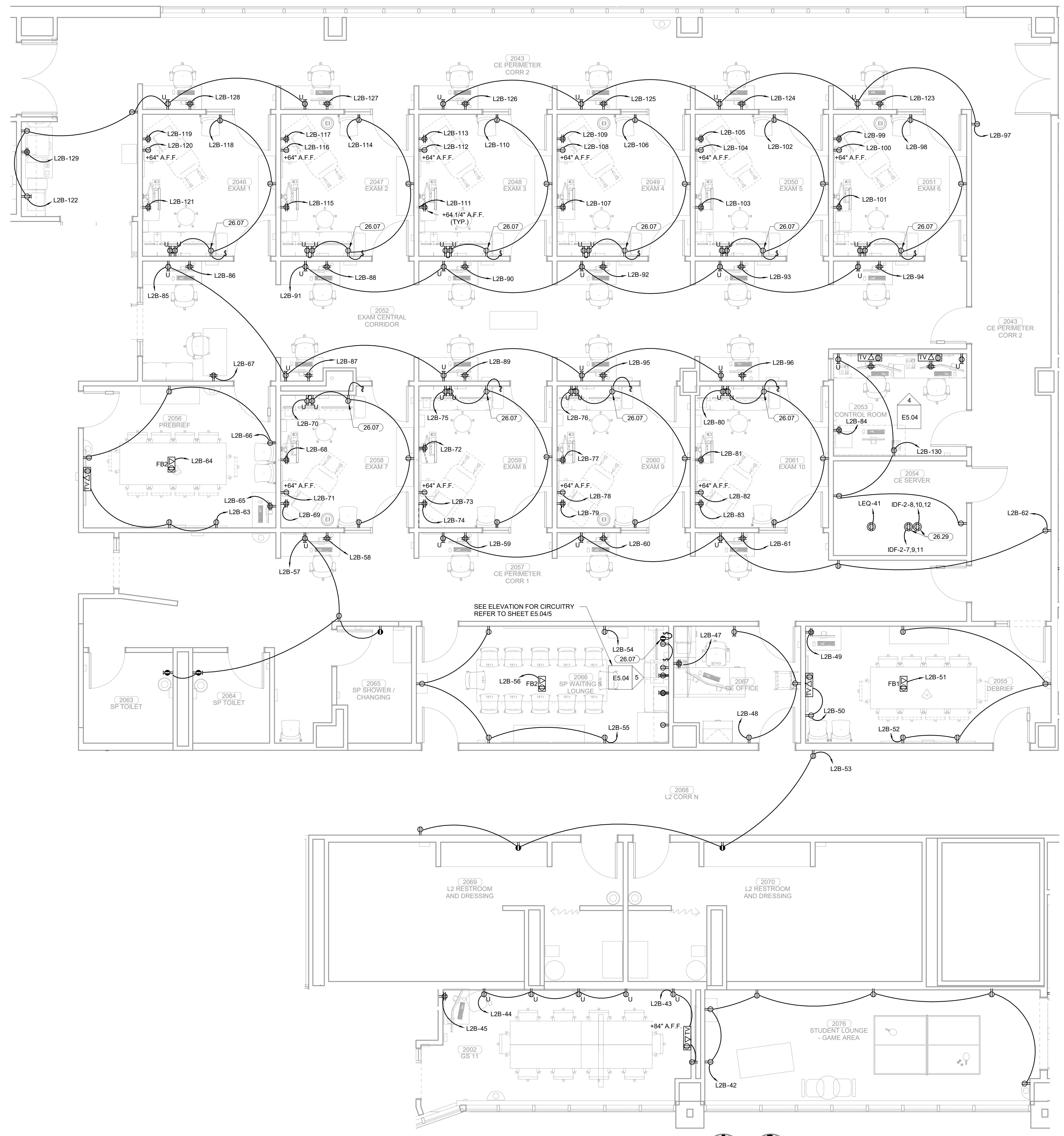
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ENLARGED POWER PLAN LEVEL 02 SECTOR 01

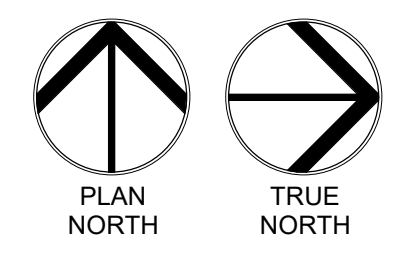


**KEYNOTES**

- 26.07 RECEPTACLE TO BE MOUNTED AT 72" A.F.F. AND CONNECTED TO INDIVIDUAL TOGGLE SWITCH FOR UNDERCABINET LIGHTING CONTROL.
- 26.29 L21-20R RECEPTACLE REQUIRED FOR ALL OSU DATA RACK CONNECTIONS. ALL OSU DATA RACKS 208V/3P AND REQUIRE A NEUTRAL.



**1 ENLARGED POWER PLAN LEVEL 02 SECTOR 01**  
1/4" = 1'-0"



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KEY PLAN

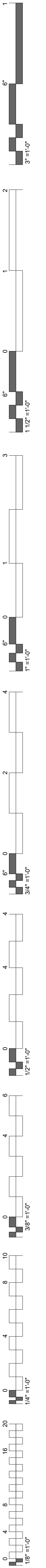
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#	DATE	REVISIONS	DESCRIPTION

DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.09**

ENLARGED POWER PLAN  
LEVEL 02 SECTOR 01

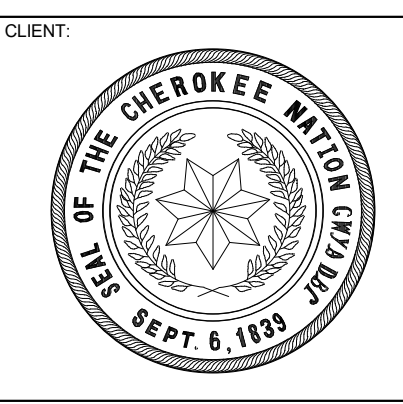
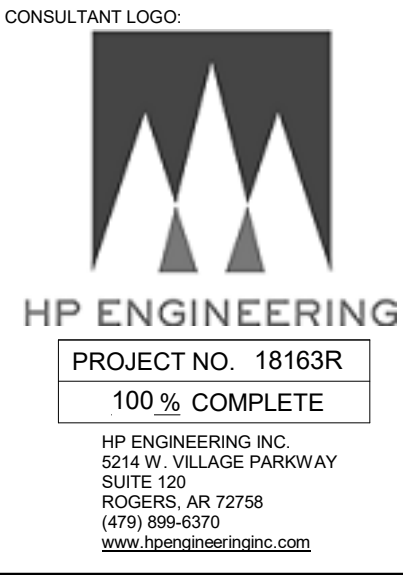
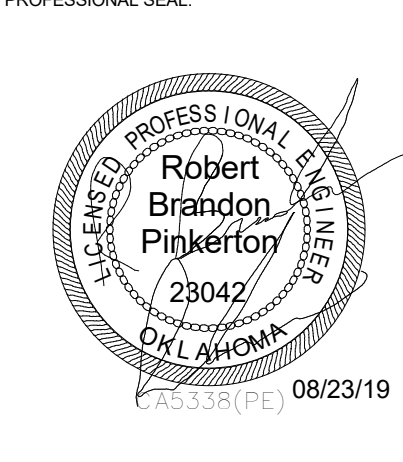
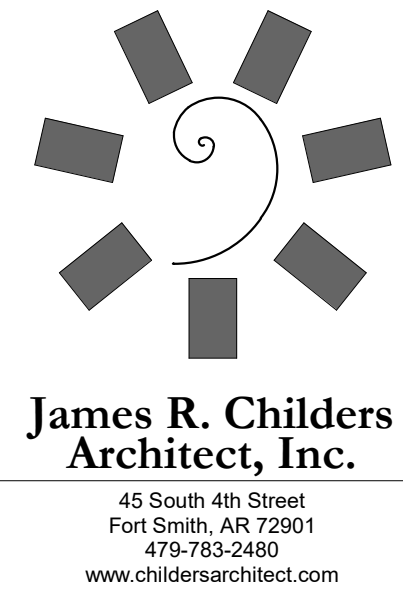


**KEYNOTES**

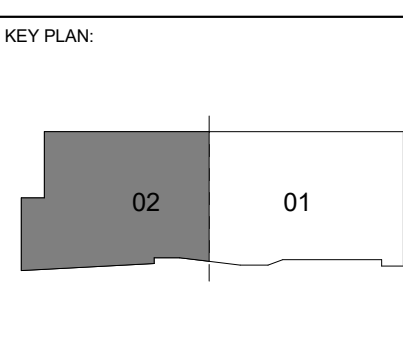
- 26.06 U-BOXES TO BE MOUNTED IN WALL AT 18" A.F.F. FOR FUTURE CONNECTION TO FURNITURE. NO MORE THAN THREE STUDY CARRELS PER CIRCUIT. REFER TO xxx FOR FURNITURE CONNECTION INFORMATION.
- 26.07 RECEPTACLE TO BE MOUNTED AT 72" A.F.F. AND CONNECTED TO INDIVIDUAL TOGGLE SWITCH FOR UNDERCABINET LIGHTING CONTROL.
- 26.29 L2-02R RECEPTACLE REQUIRED FOR ALL OSU DATA RACK CONNECTIONS. ALL OSU DATA RACKS 208V/3P AND REQUIRE A NEUTRAL.
- 26.30 L14-00R RECEPTACLE REQUIRED FOR ALL ON DATA RACK CONNECTIONS. ALL ON DATA RACKS ARE 208V/1P AND REQUIRE A NEUTRAL.

**1 ENLARGED POWER PLAN LEVEL 02 SECTOR 02**  
1/4" = 1'-0"

PLAN NORTH  
TRUE NORTH



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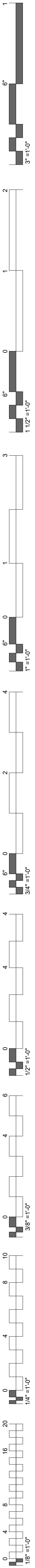
#	DATE	REVISIONS DESCRIPTION

DATE: 08-23-19  
JOB NUMBER: 17-13

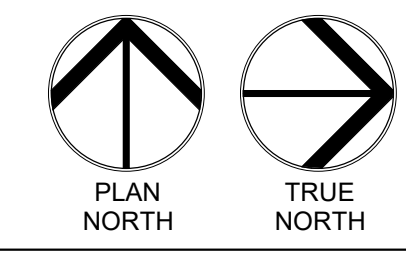
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ENLARGED POWER PLAN  
LEVEL 02 SECTOR 02

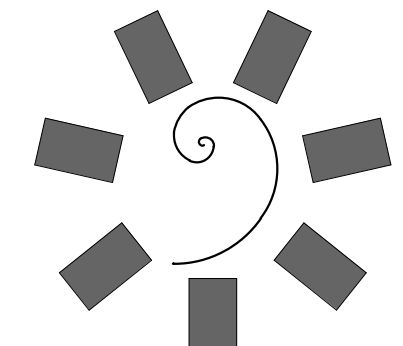




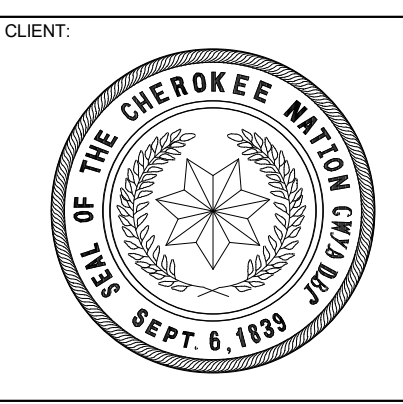
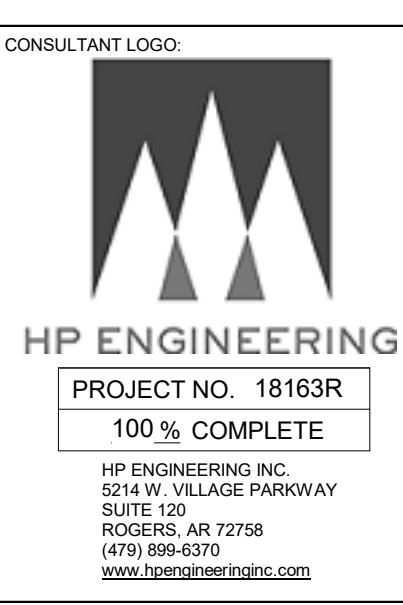
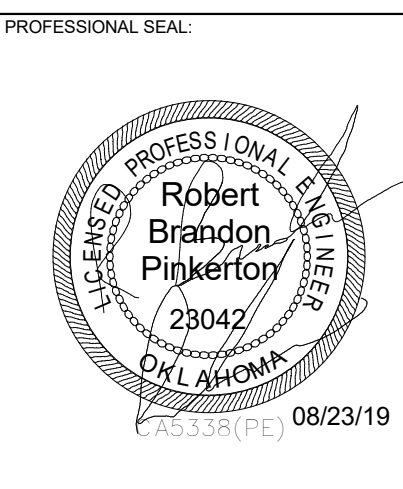
**KEYNOTES**  
 26.06 J-BOXES TO BE MOUNTED IN WALL AT 18" A.F.F. FOR FUTURE CONNECTION TO FURNITURE. NO MORE THAN THREE STUDY CARRELS PER CIRCUIT. REFER TO xxx FOR FURNITURE CONNECTION INFORMATION.



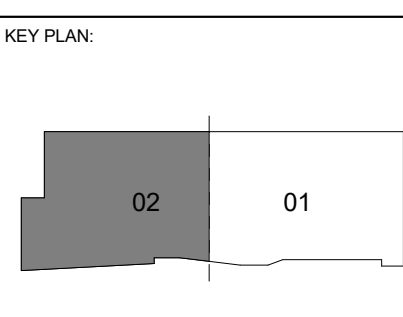
**1 ENLARGED POWER PLAN LEVEL 02 SECTOR 02**  
 1/4" = 1'-0"



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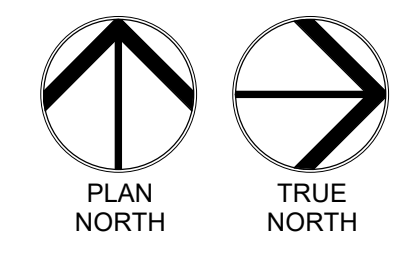
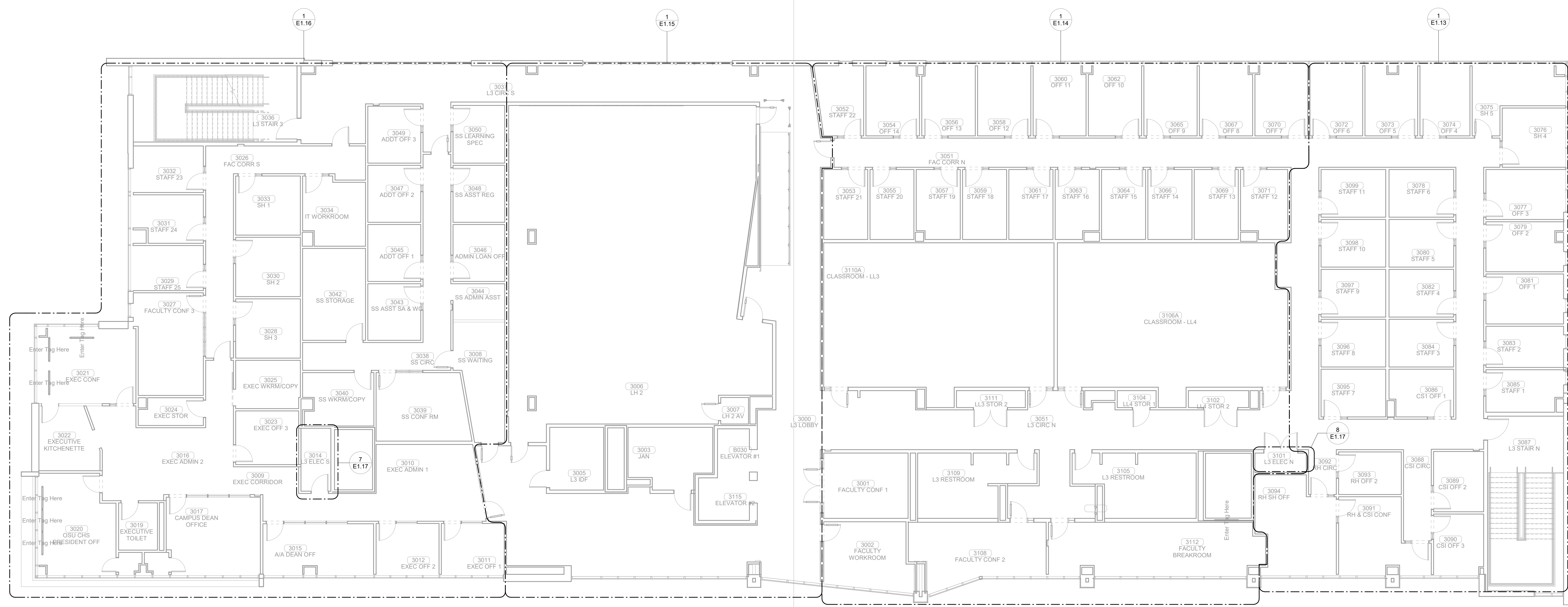
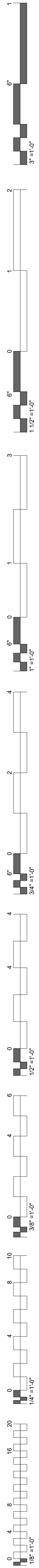
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

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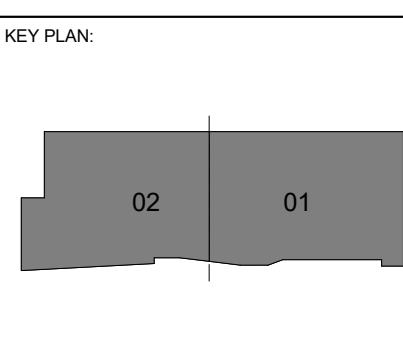
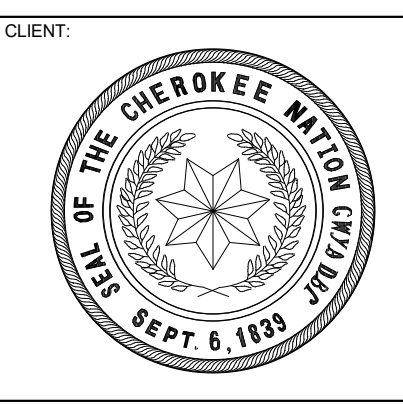
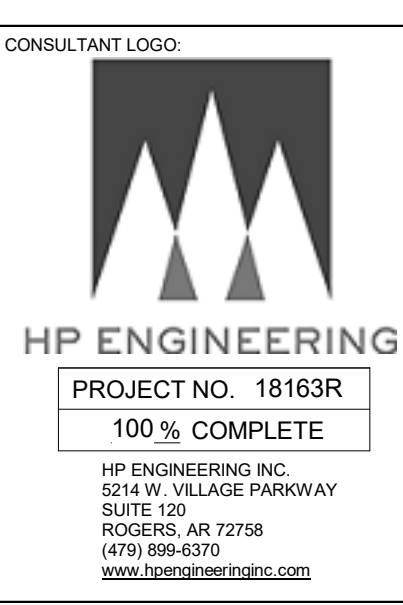
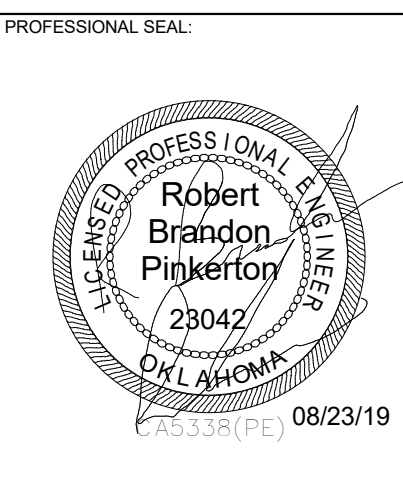
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.11**

ENLARGED POWER PLAN  
 LEVEL 02 SECTOR 02



**1 OVERALL POWER PLAN LEVEL 03**  
1/8" = 1'-0"



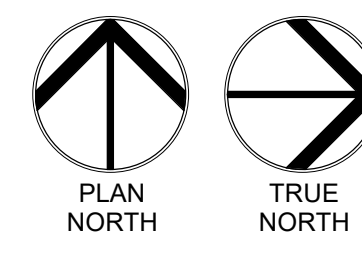
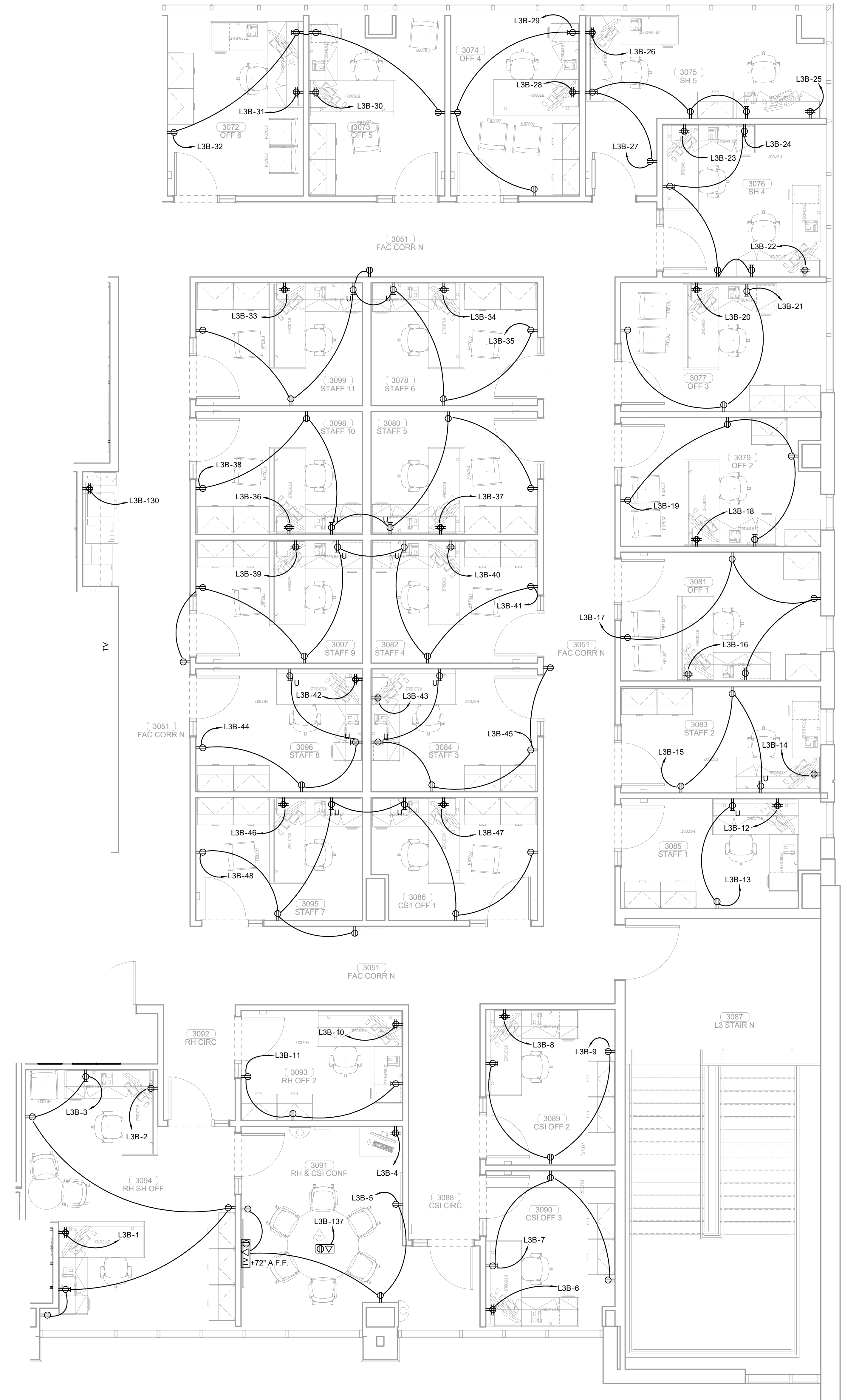
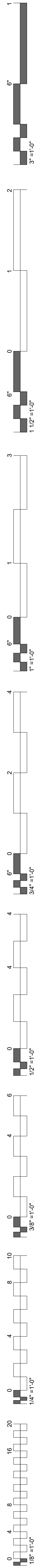
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**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS	DESCRIPTION

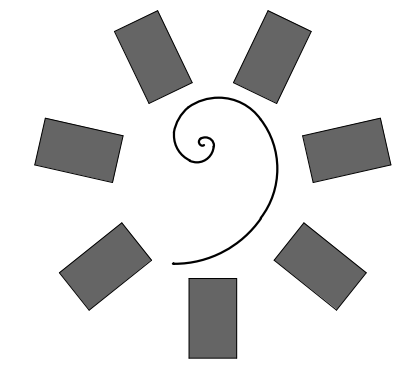
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SHEET NUMBER:  
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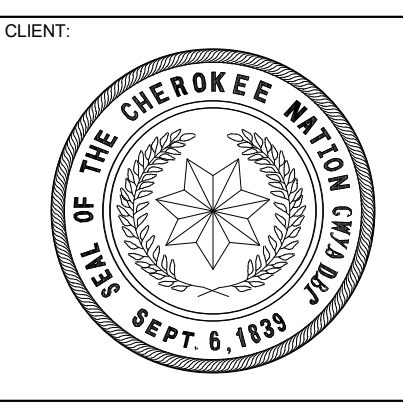
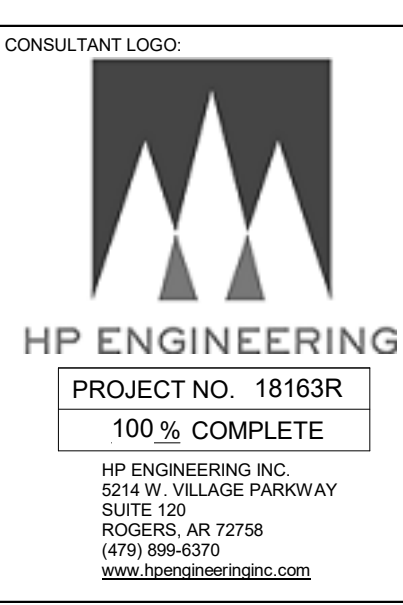
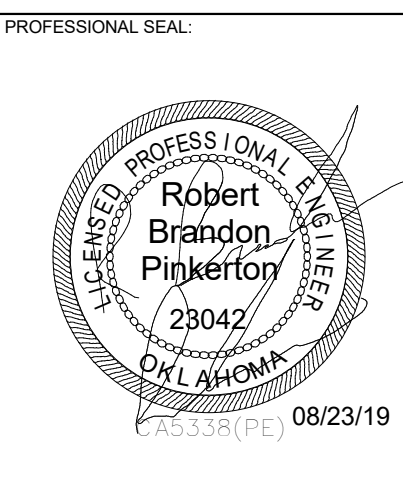
OVERALL POWER PLAN - LEVEL 03



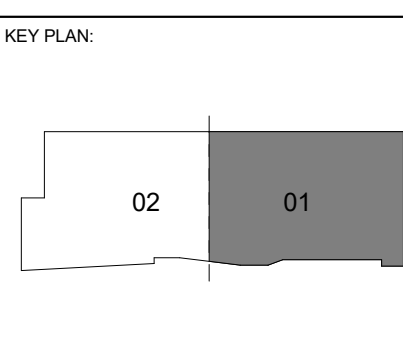
**1 ENLARGED POWER PLAN LEVEL 03 SECTOR 01**  
1/4" = 1'-0"



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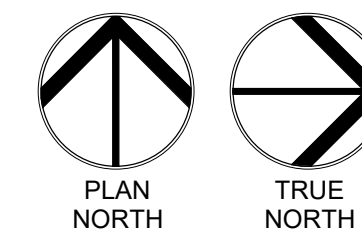
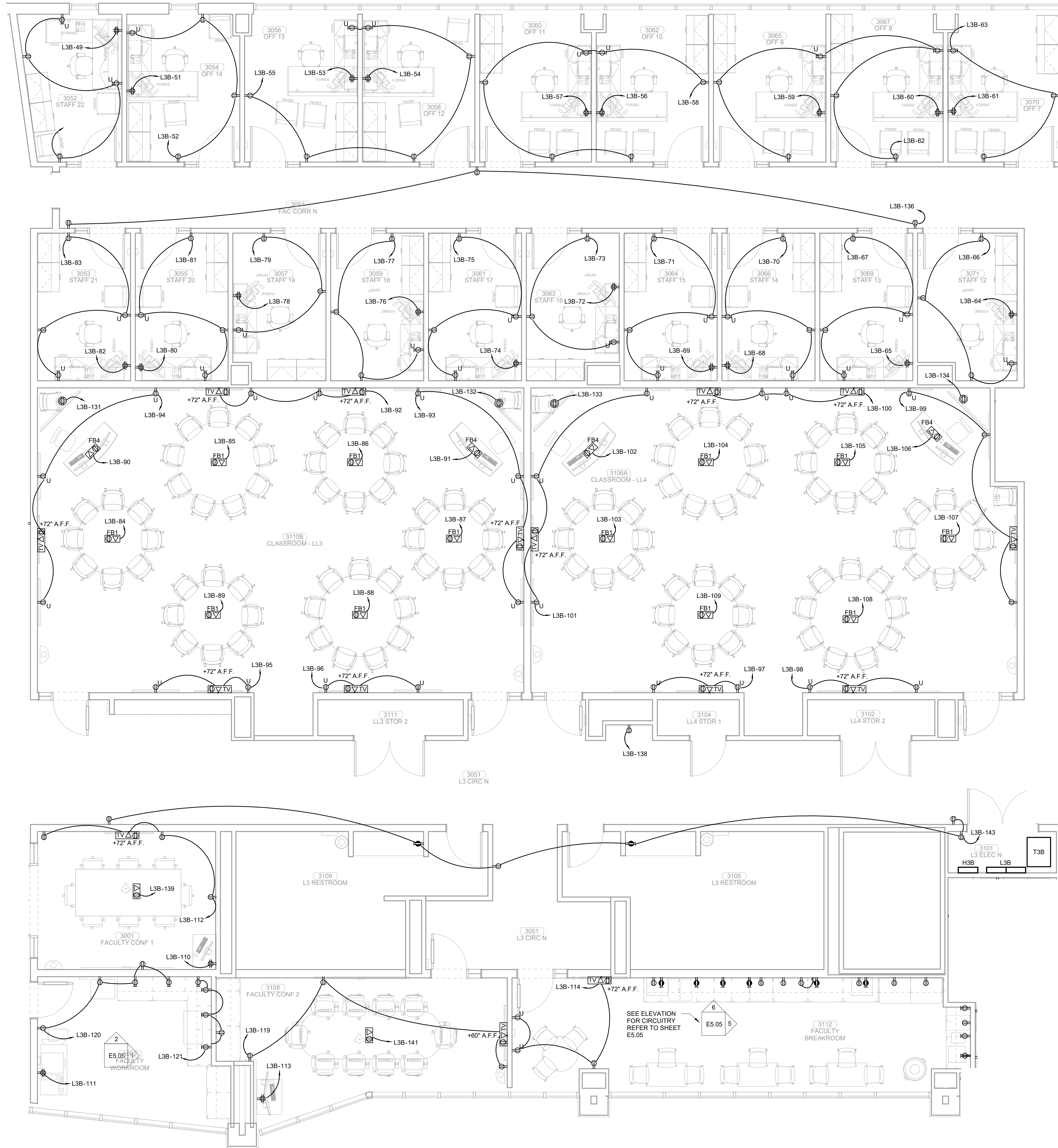
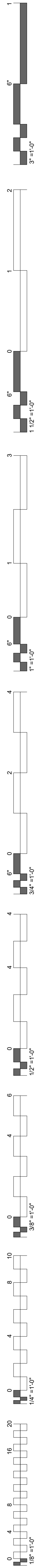
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS	DESCRIPTION

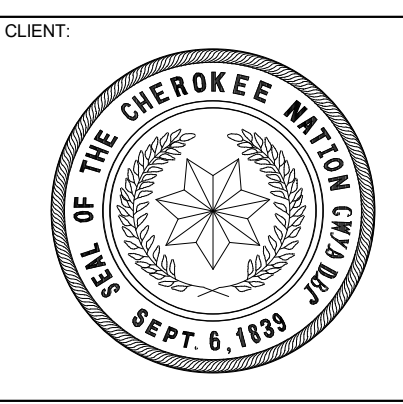
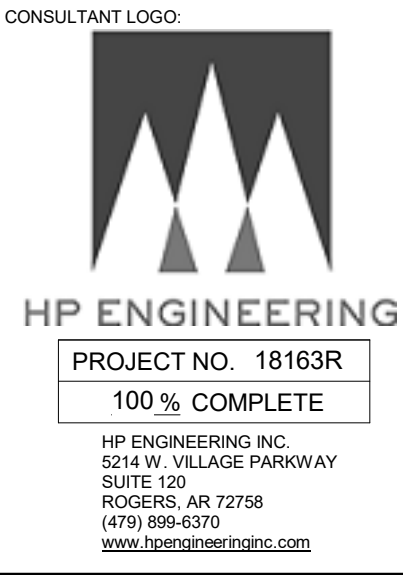
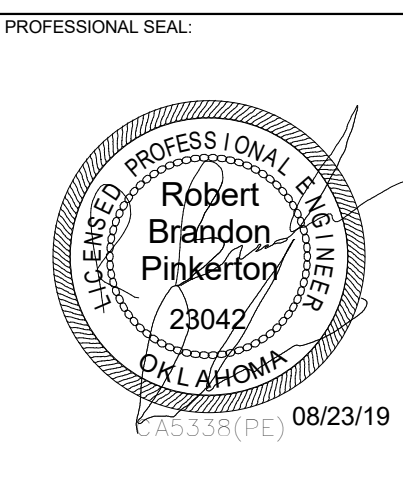
DATE: **08-23-19** JOB NUMBER: **17-13**

SHEET NUMBER:  
**E1.13**

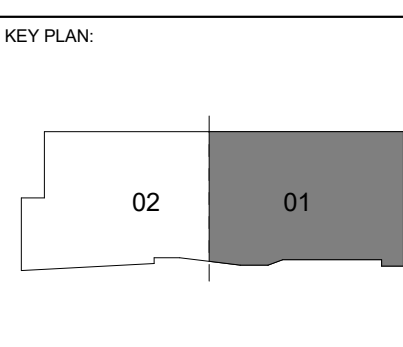
ENLARGED POWER PLAN  
LEVEL 03 SECTOR 01



**1 ENLARGED POWER PLAN LEVEL 03 SECTOR 01**  
1/4" = 1'-0"



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**Osteopathic Medicine**  
AT THE CHEROKEE NATION  
TAHLEQUAH, OKLAHOMA



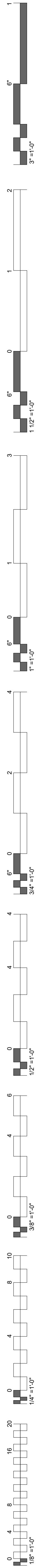
PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

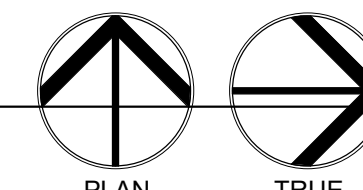
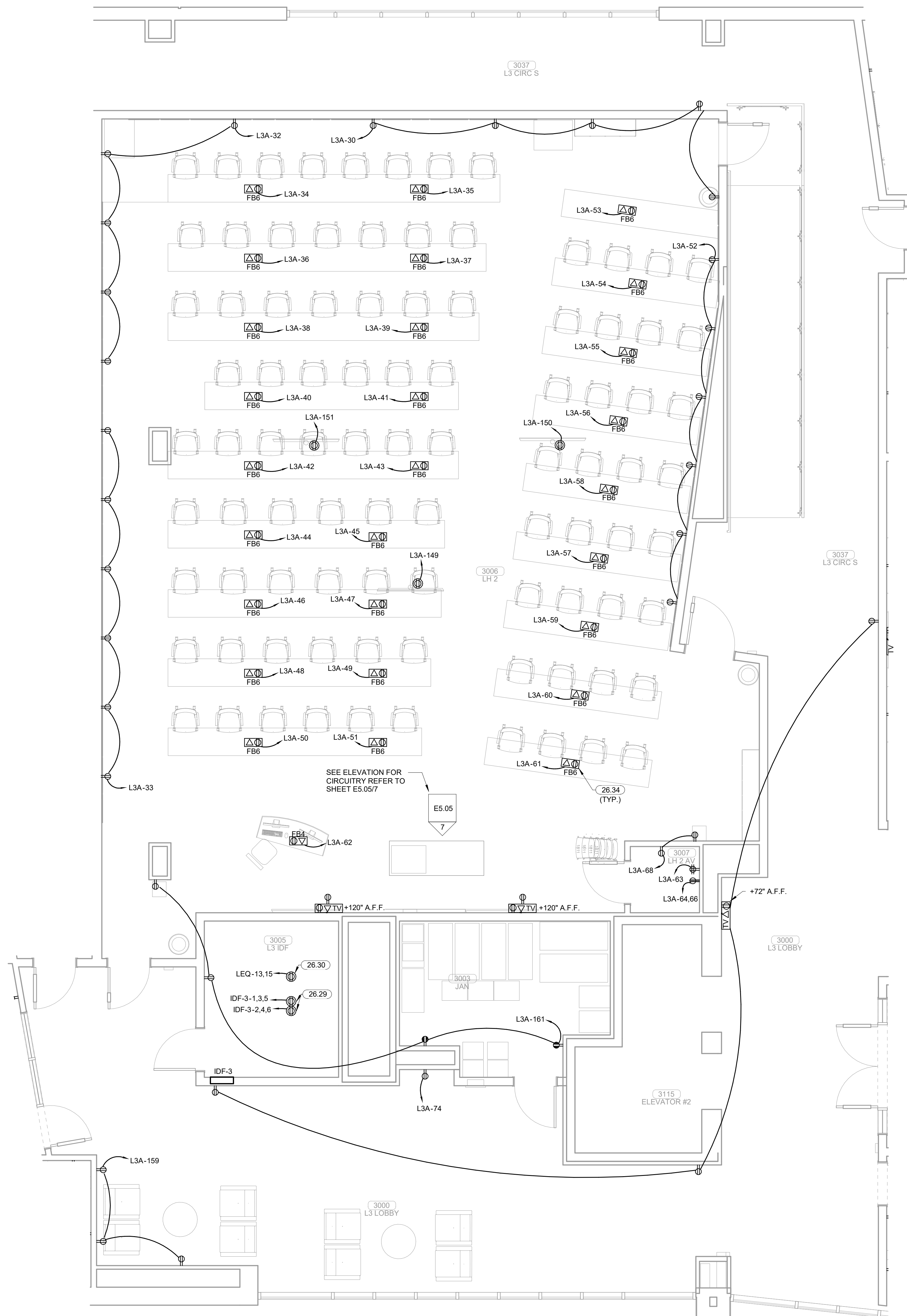
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
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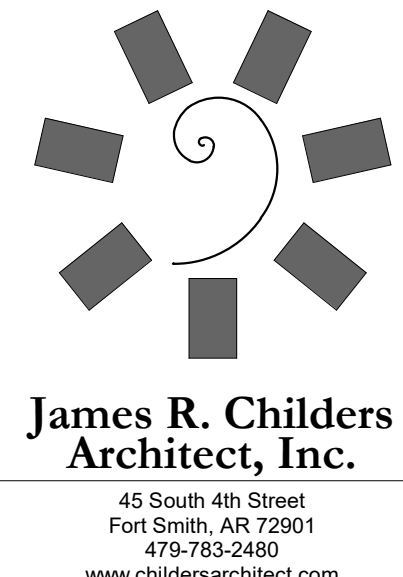
ENLARGED POWER PLAN  
LEVEL 03 SECTOR 01



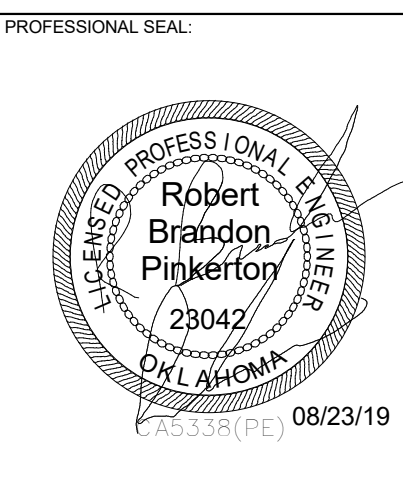
KEYNOTES	
26.29	L21-20R RECEPTACLE REQUIRED FOR ALL OSU DATA RACK CONNECTIONS. ALL OSU DATA RACKS 208V/3P AND REQUIRE A NEUTRAL.
26.30	L14-60R RECEPTACLE REQUIRED FOR ALL CN DATA RACK CONNECTIONS. ALL CN DATA RACKS ARE 208V/1P AND REQUIRE A NEUTRAL.
26.34	COORDINATE LOCATIONS WITH FURNITURE MANUFACTURER PRIOR TO INSTALLATION.



**1 ENLARGED POWER PLAN LEVEL 03 SECTOR 02**  
1/4" = 1'-0"

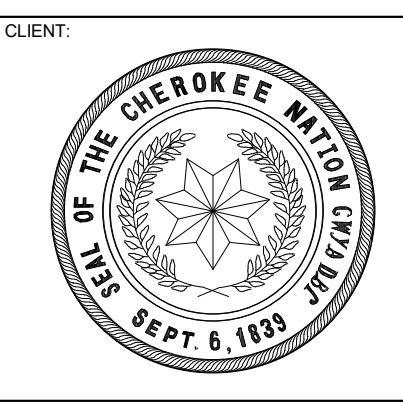


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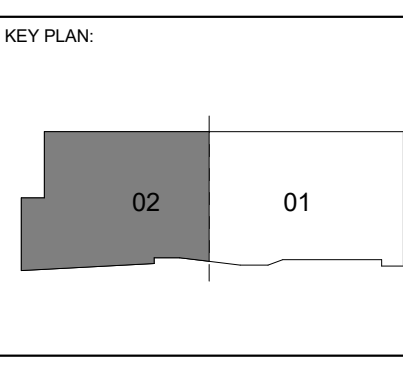
CONSULTANT LOGO

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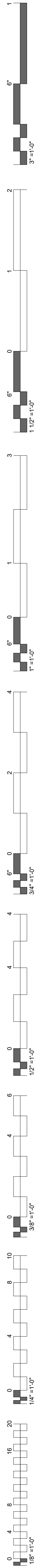
PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

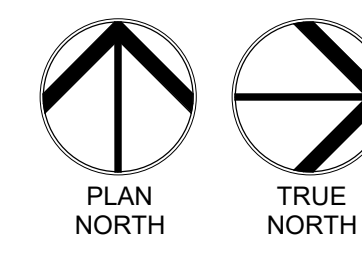
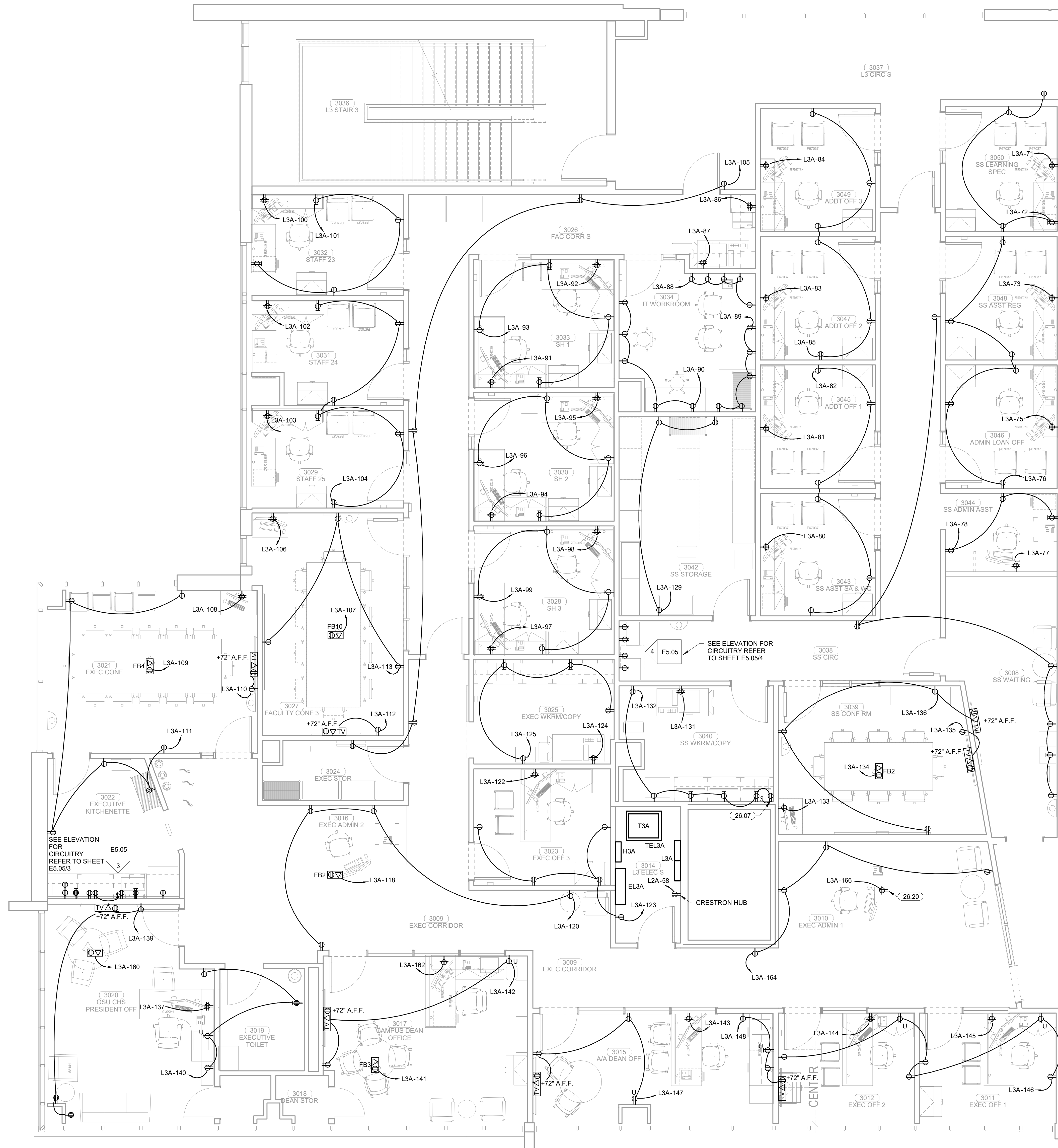
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.15**

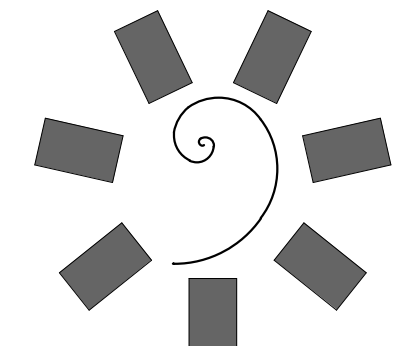
ENLARGED POWER PLAN  
LEVEL 03 SECTOR 02



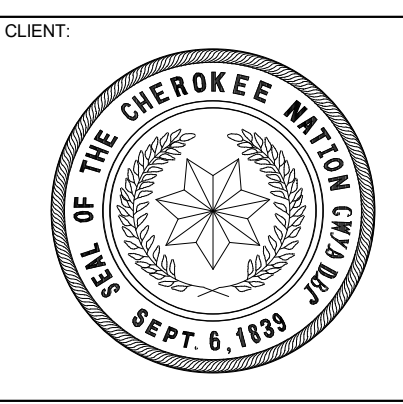
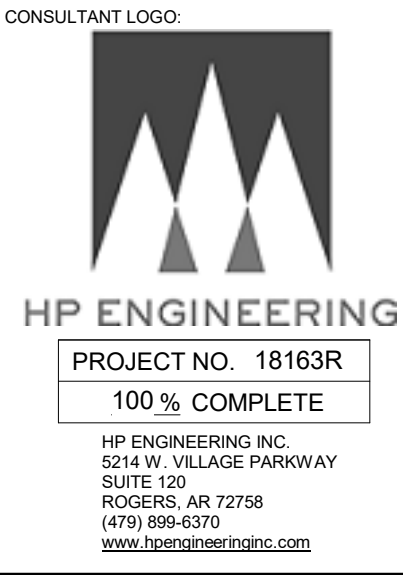
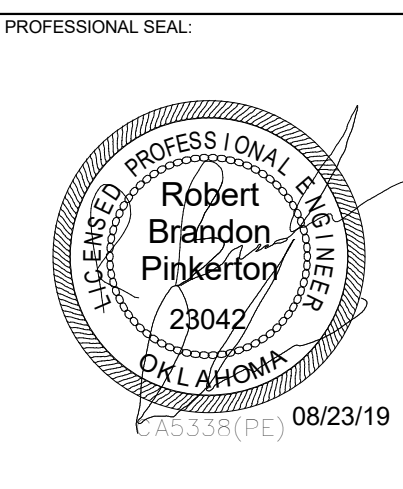
**KEYNOTES**  
 26.07 RECEPTACLE TO BE MOUNTED AT 72" A.F.F. AND CONNECTED TO INDIVIDUAL TOGGLE SWITCH FOR UNDERCABINET LIGHTING CONTROL.  
 26.20 EC SHALL COORDINATE LOCATIONS OF RECEPTACLES WITH MILL WORK.



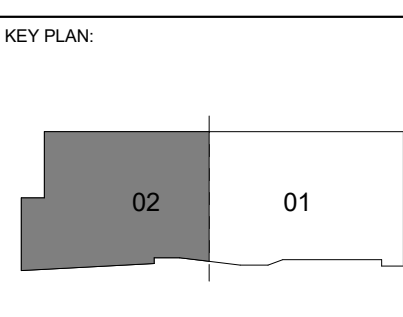
**1 ENLARGED POWER PLAN LEVEL 03 SECTOR 02**  
 1/4" = 1'-0"



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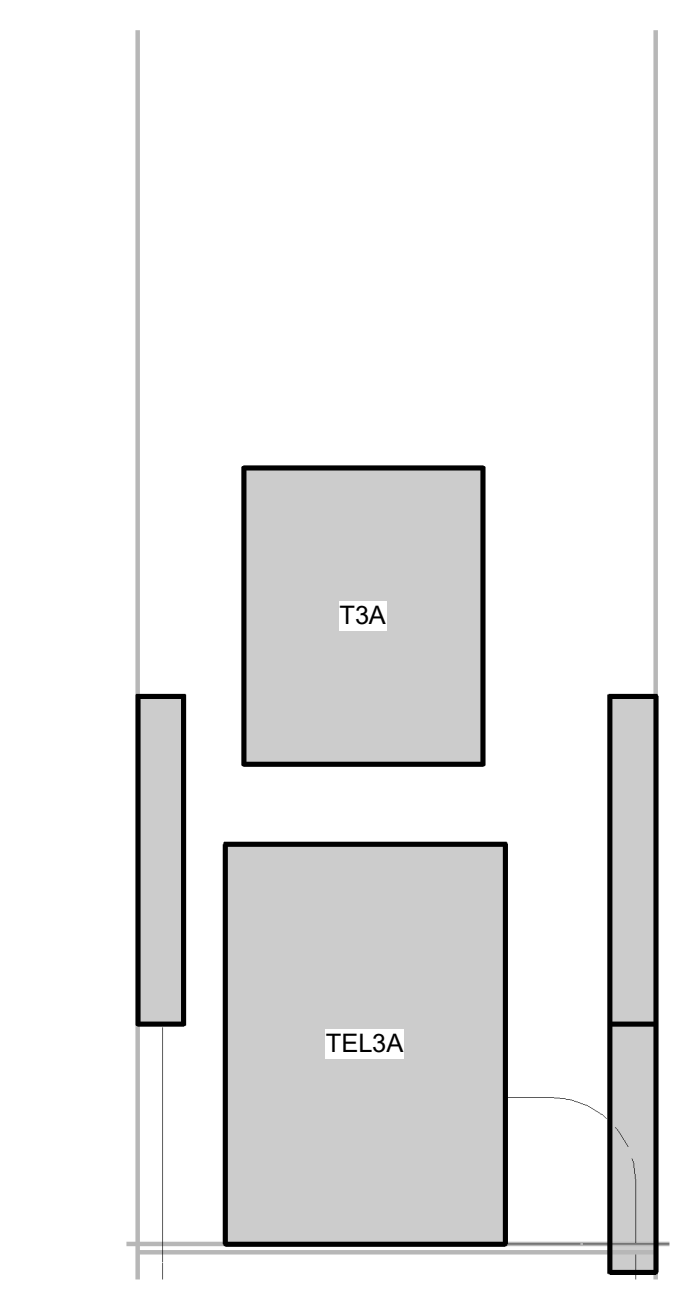
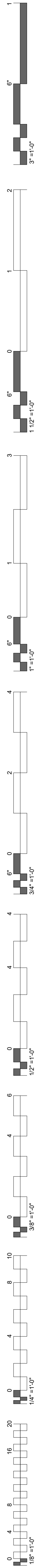
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS	DESCRIPTION

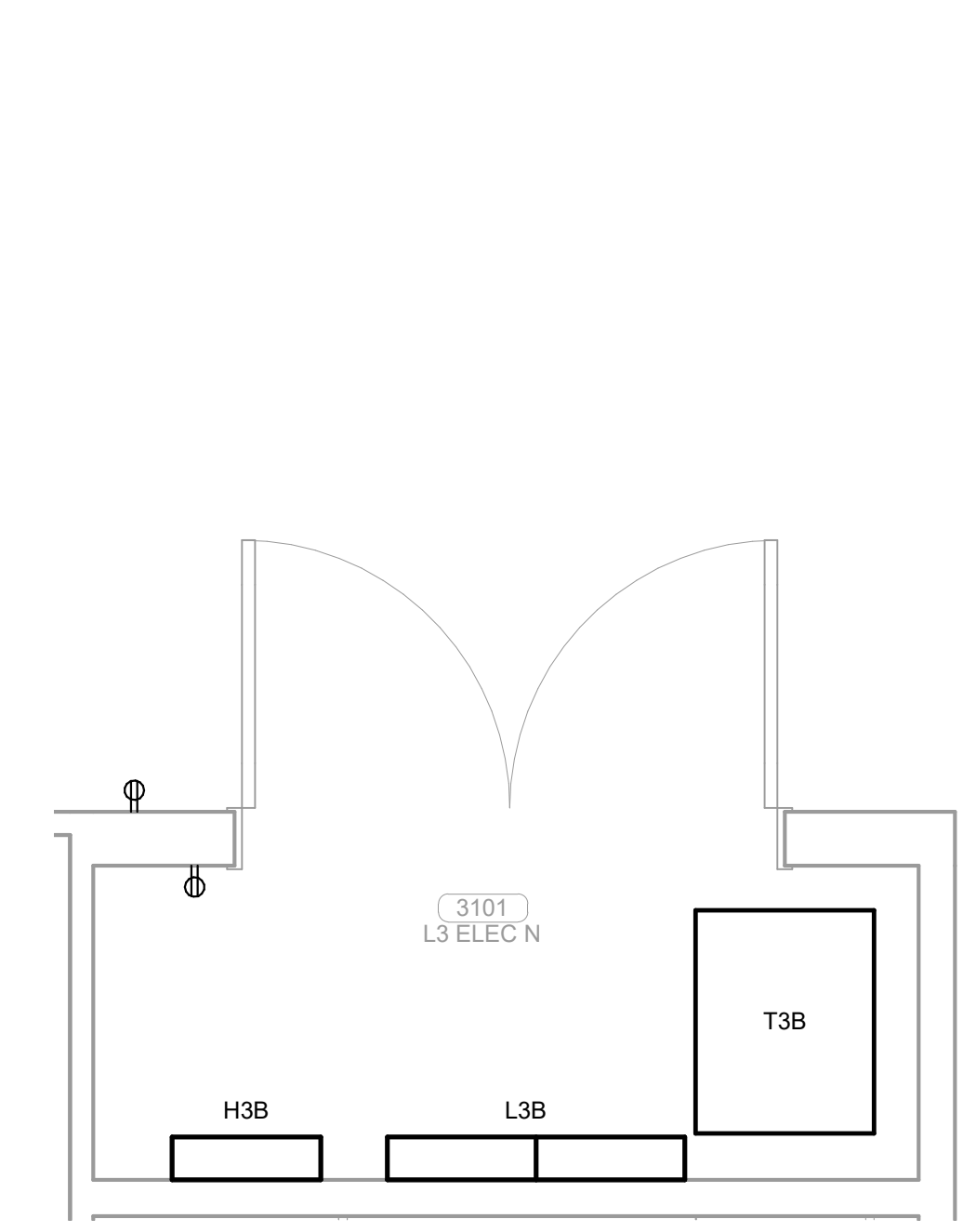
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.16**

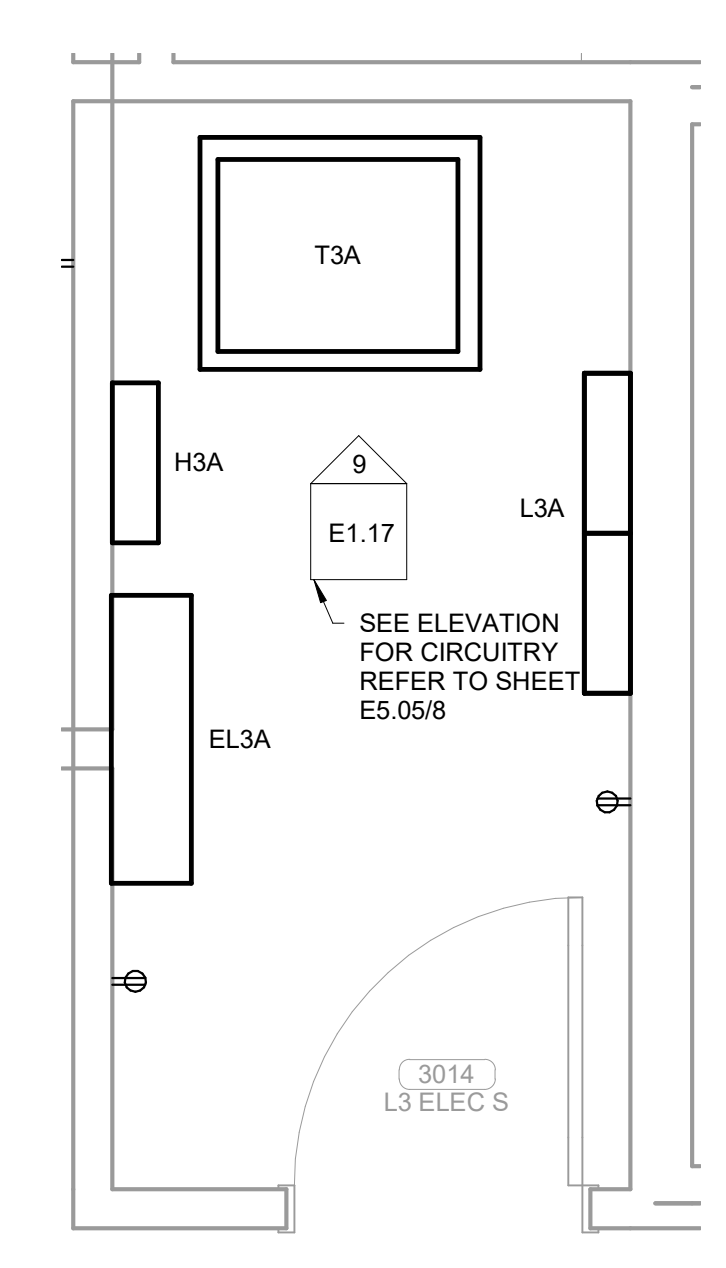
ENLARGED POWER PLAN  
 LEVEL 03 SECTOR 02



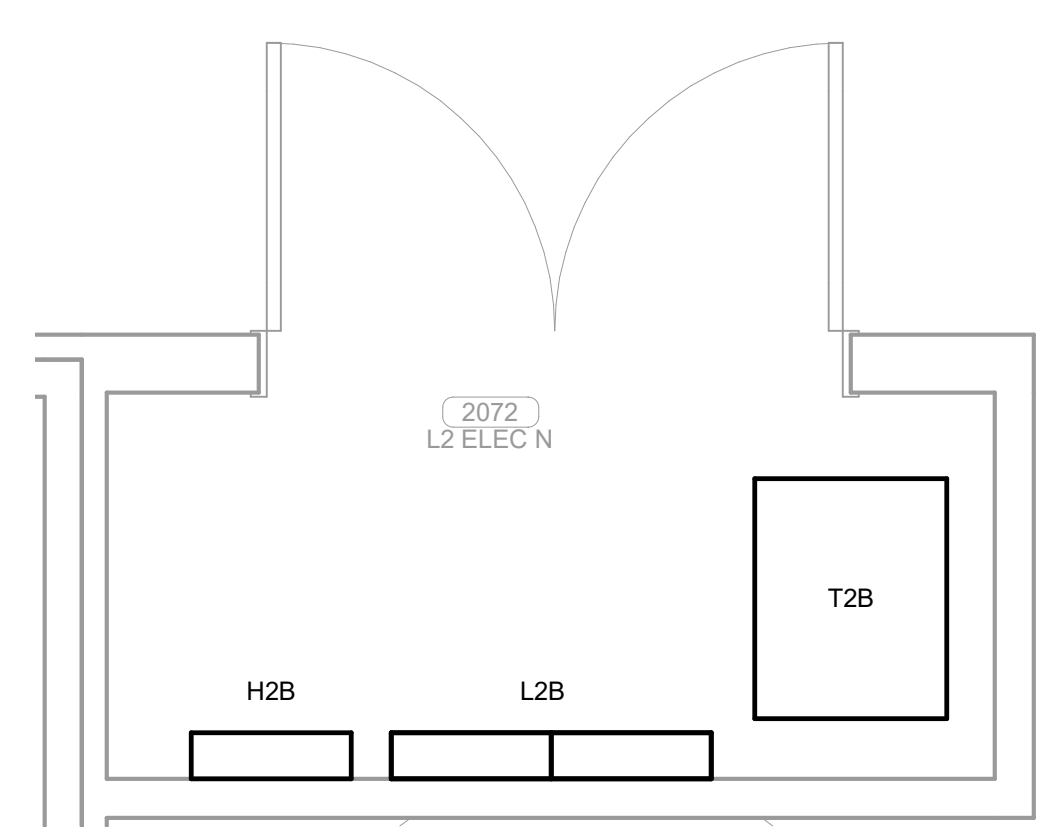
**9 ELECTRICAL ROOM 3A WEST ELEV**  
1/2" = 1'-0"



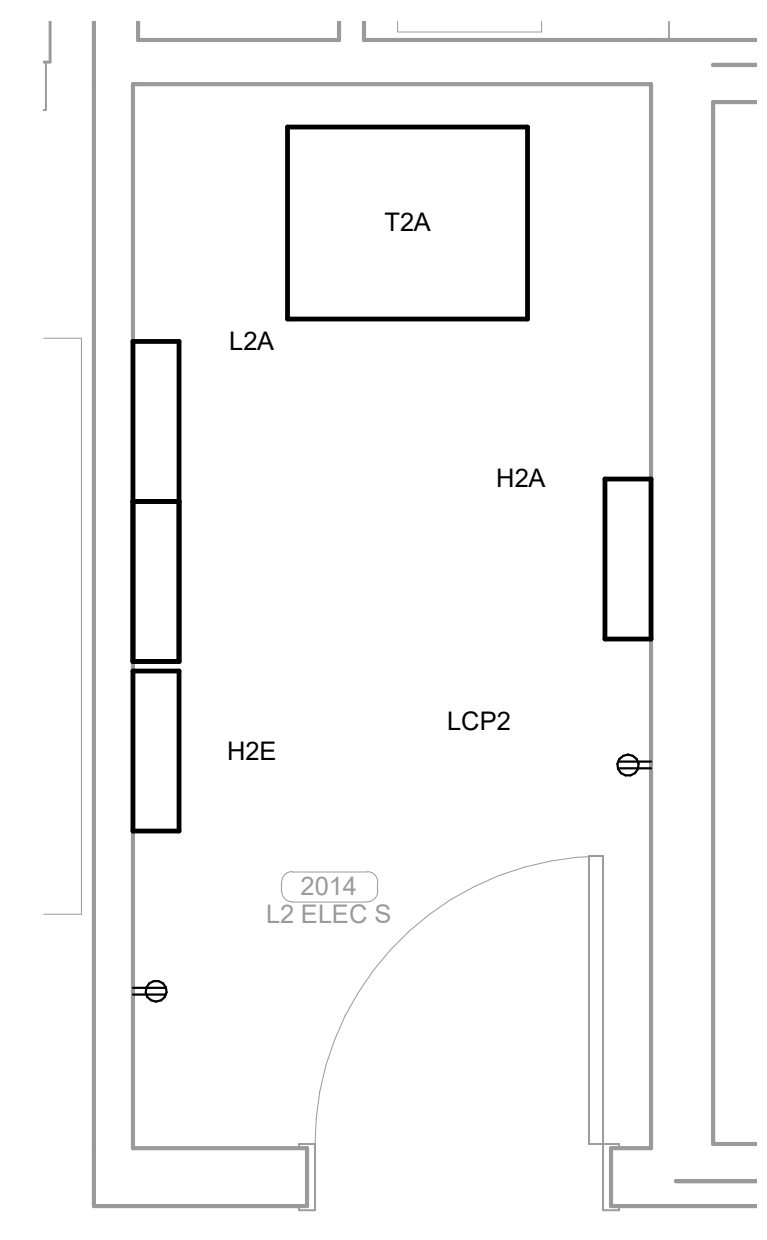
**8 ENLARGED ELECTRICAL ROOM 3B**  
1/2" = 1'-0"



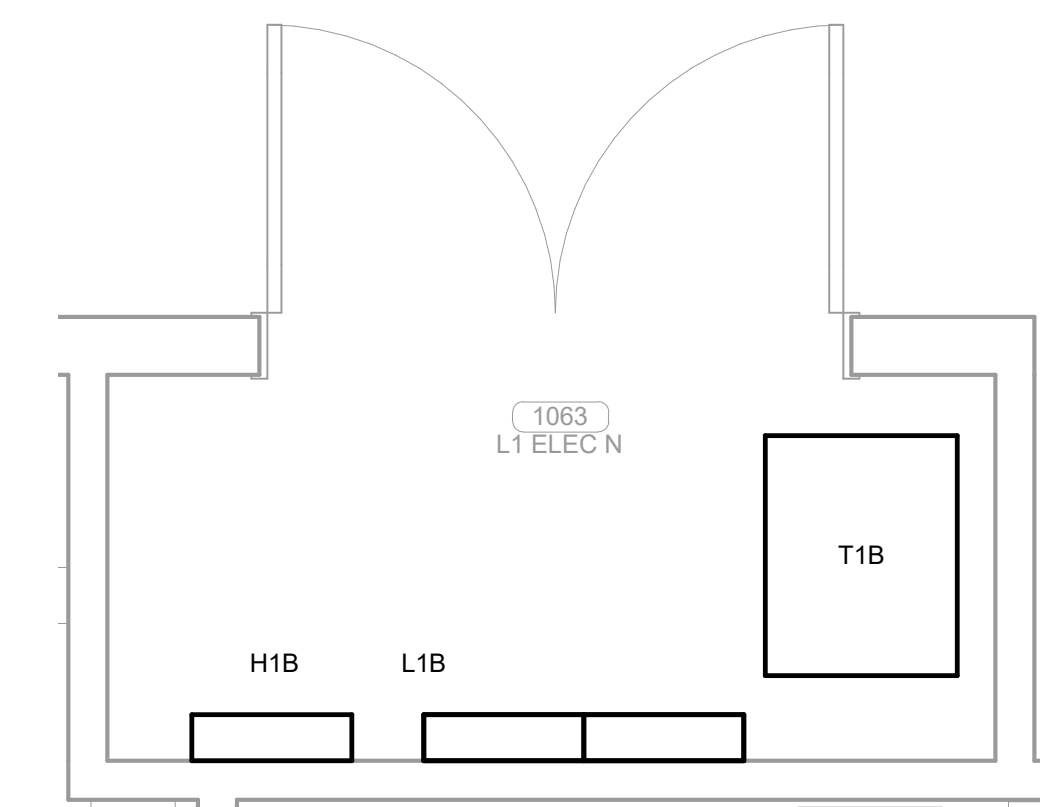
**7 ENLARGED ELECTRICAL ROOM 3A**  
1/2" = 1'-0"



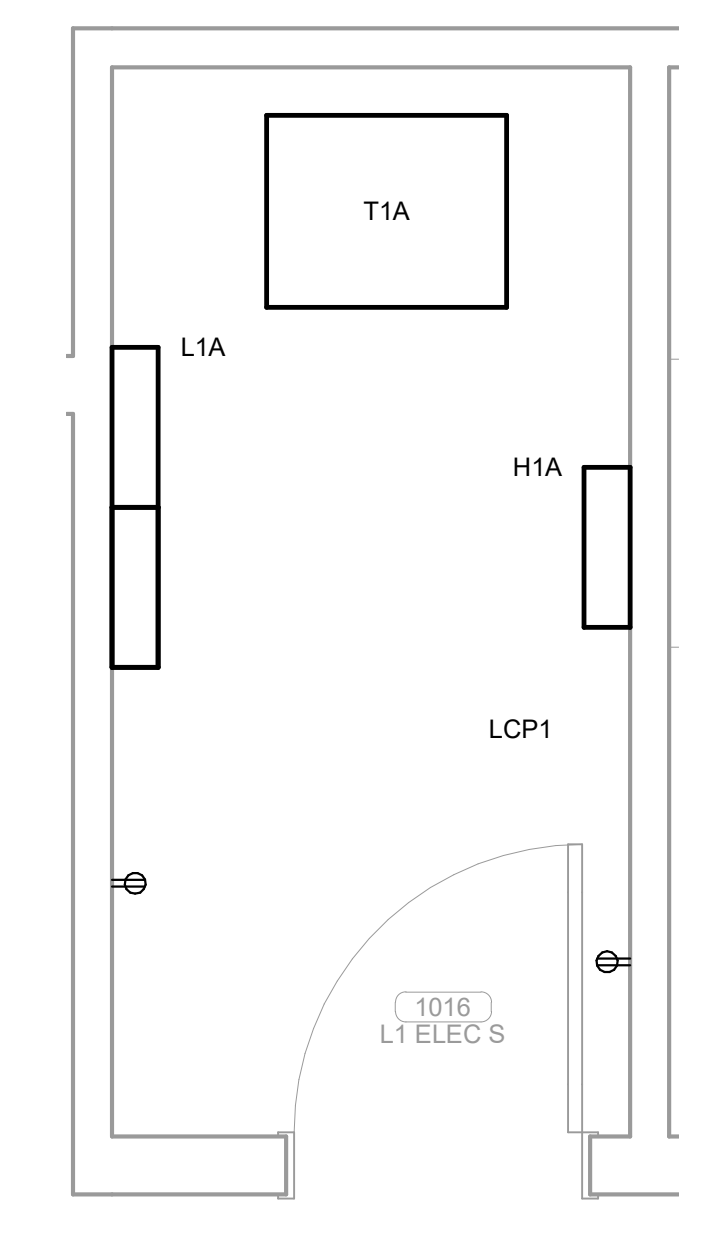
**6 ENLARGED ELECTRICAL ROOM 2B**  
1/2" = 1'-0"



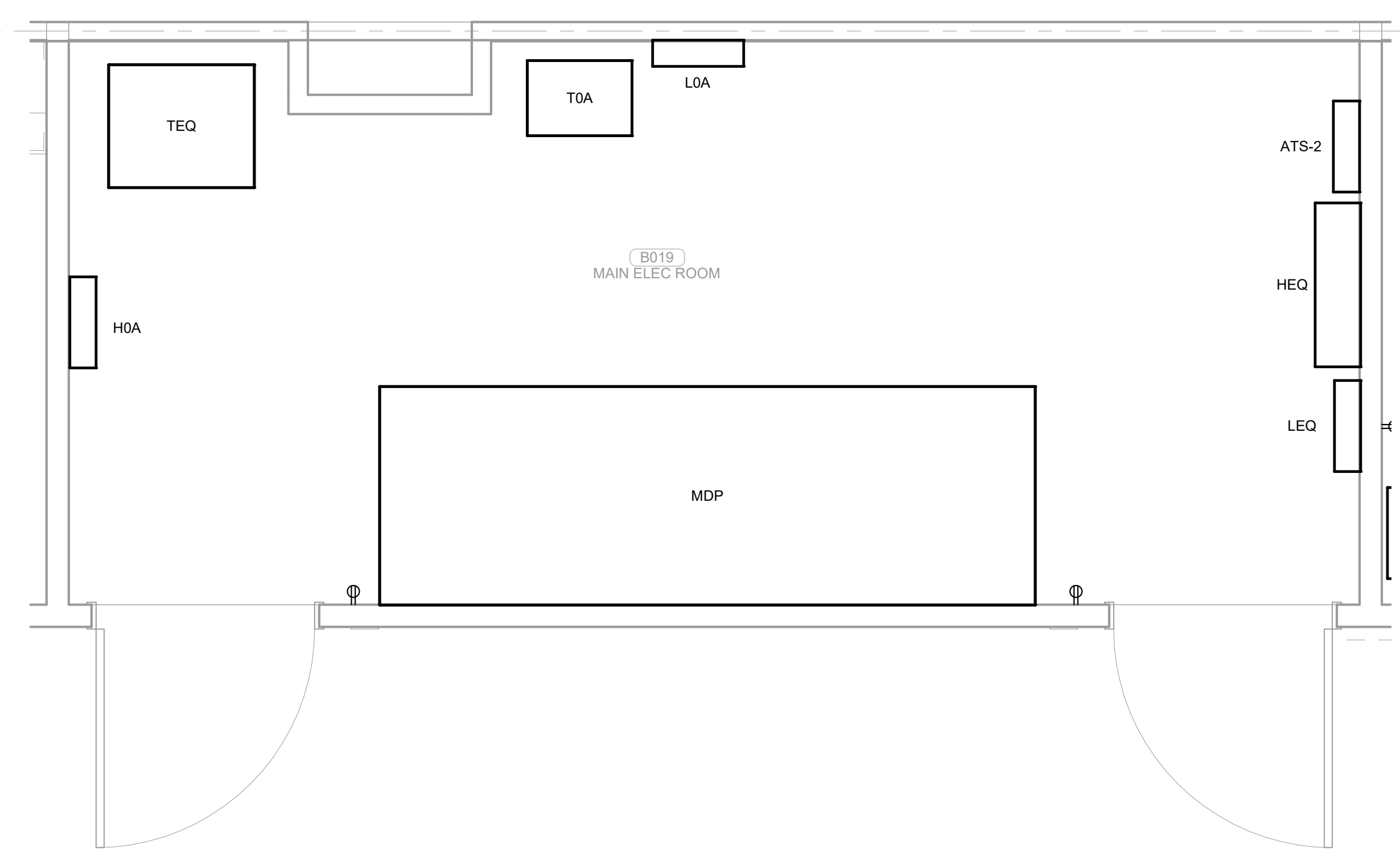
**5 ENLARGED ELECTRICAL ROOM 2A**  
1/2" = 1'-0"



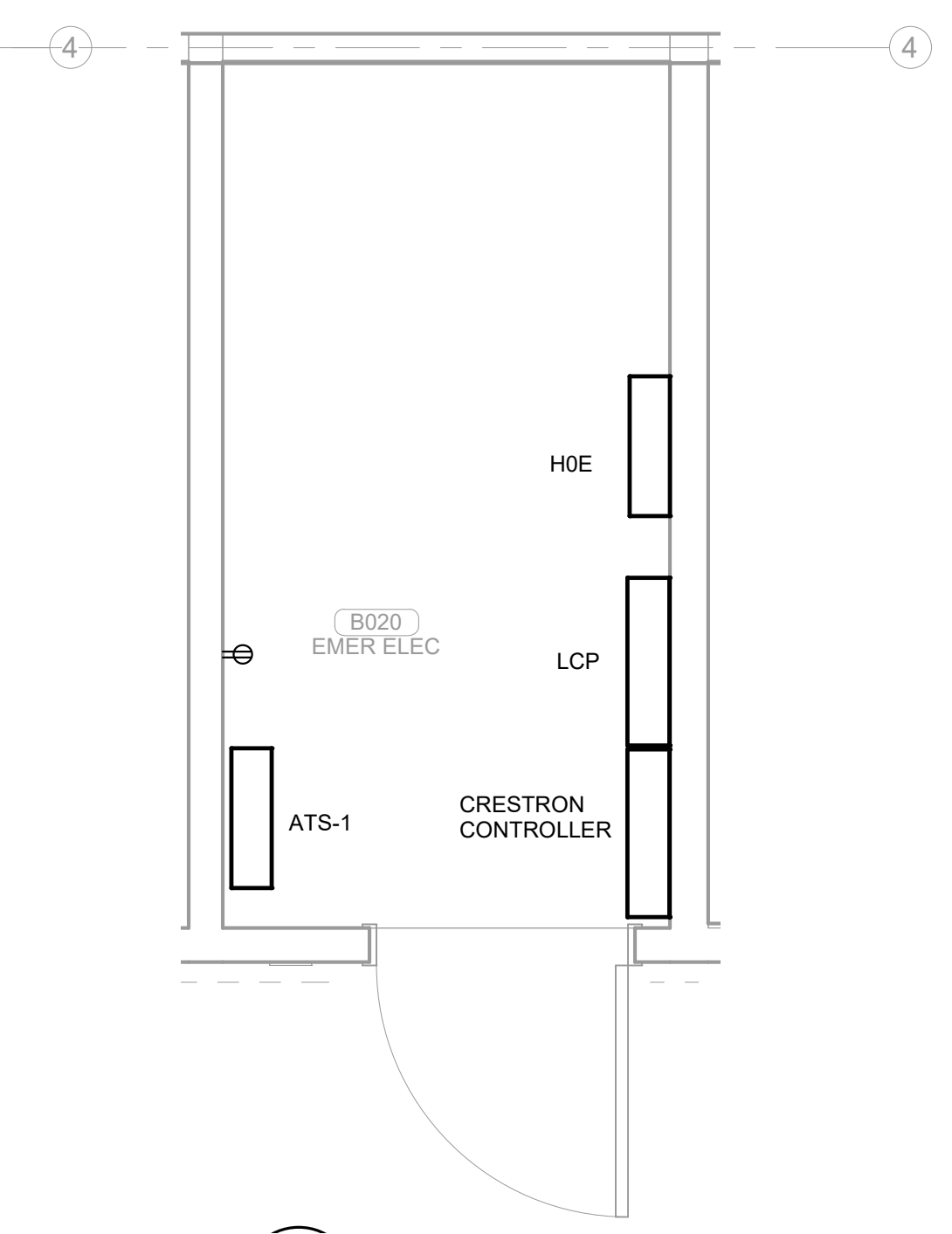
**4 ENLARGED ELECTRICAL ROOM 1B**  
1/2" = 1'-0"



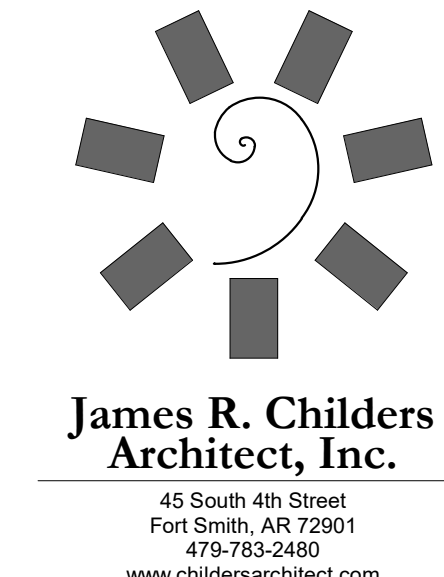
**3 ENLARGED ELECTRICAL ROOM 1A**  
1/2" = 1'-0"



**2 MAIN ELECTRICAL ROOM**  
1/2" = 1'-0"

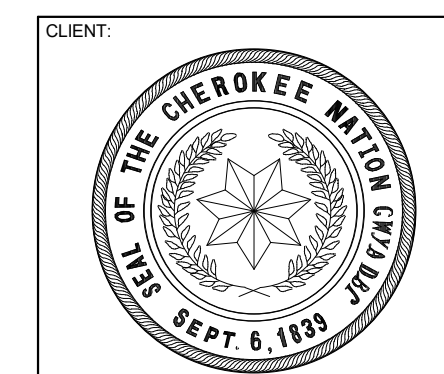
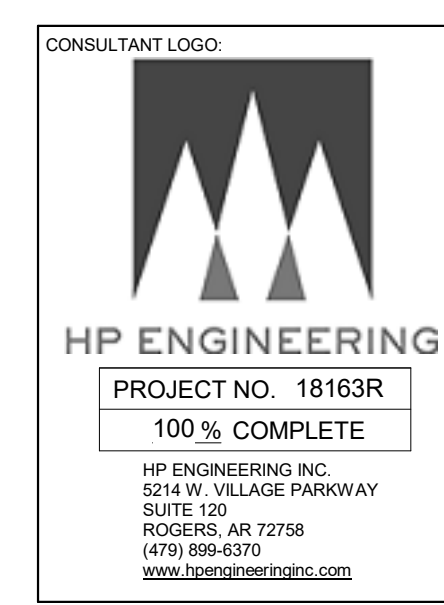
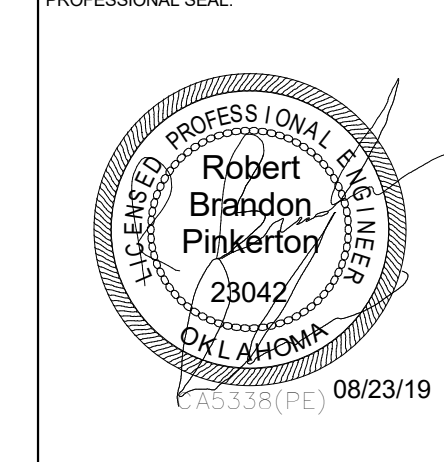


**1 EMERGENCY ELECTRICAL ROOM**  
1/2" = 1'-0"

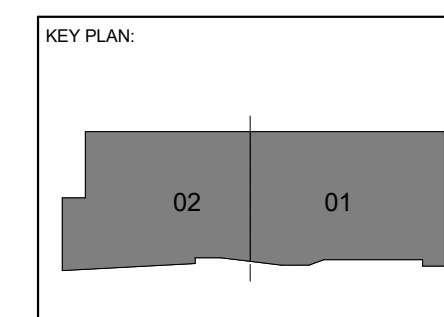


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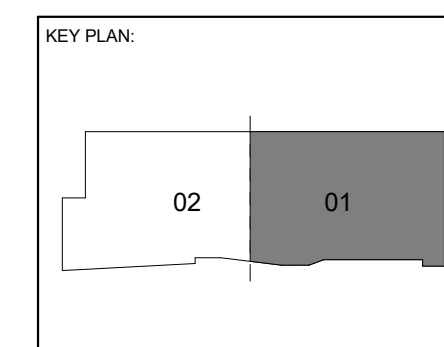
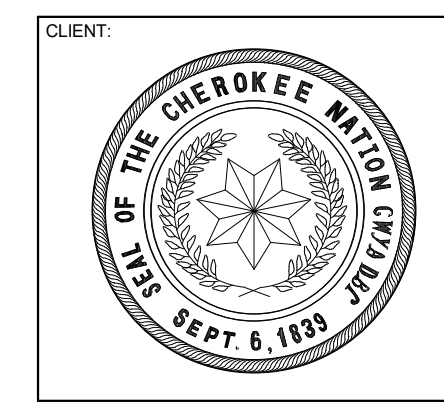
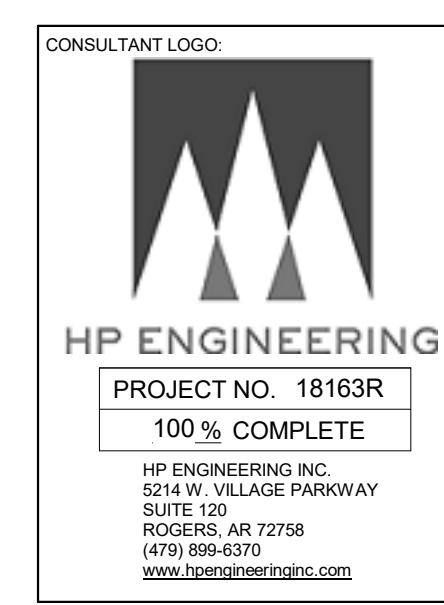
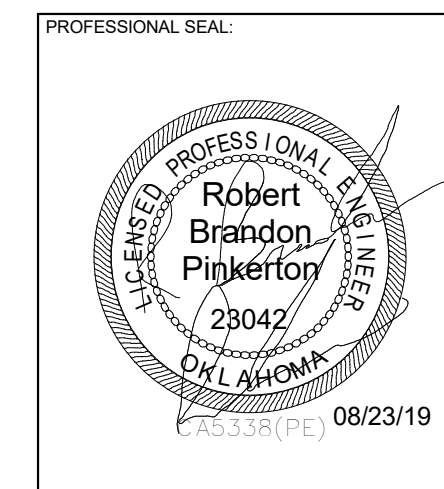
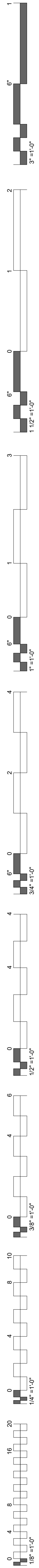
PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.17**

ENLARGED ELECTRICAL ROOMS PLAN



PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS	DESCRIPTION

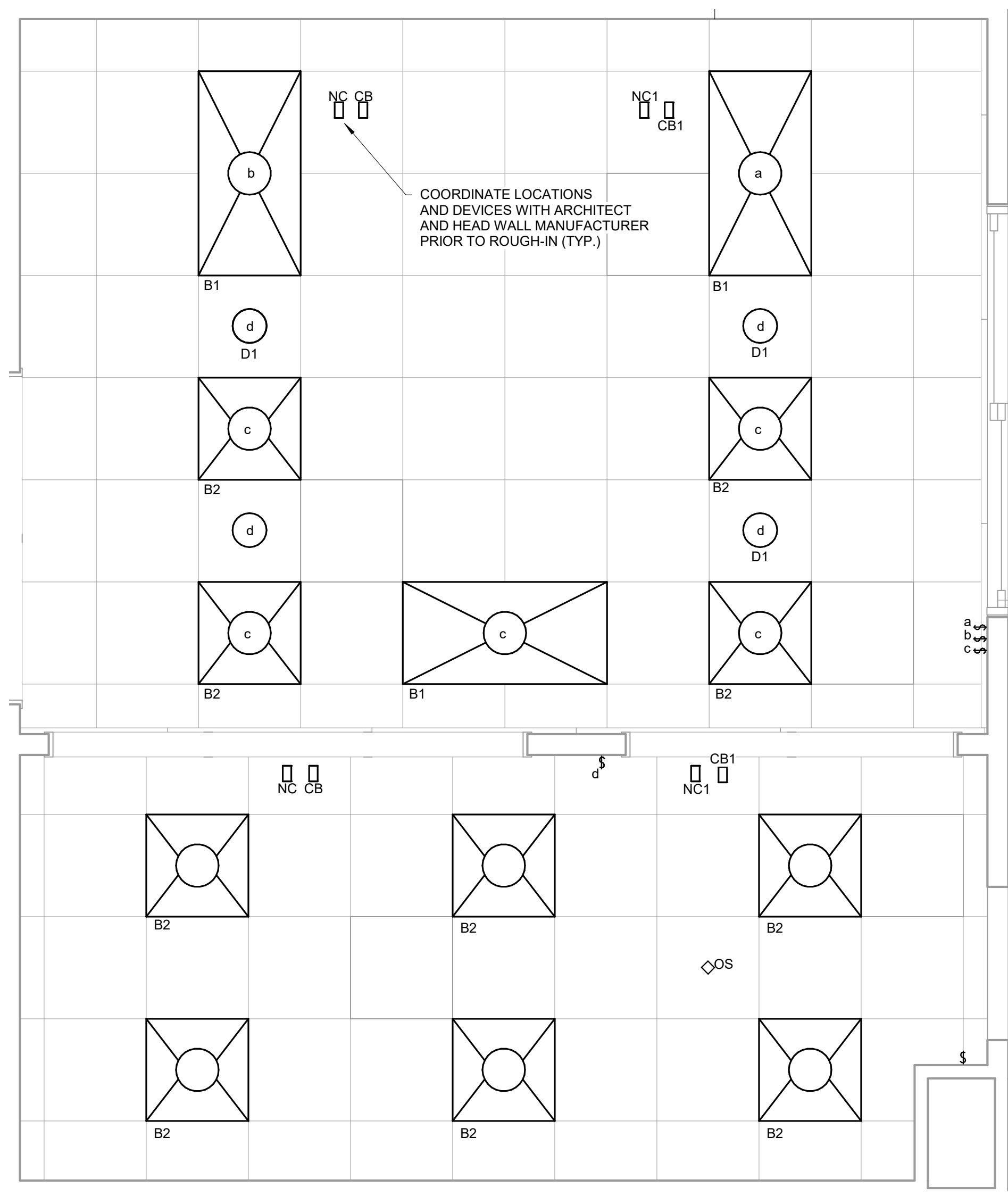
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JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.18**

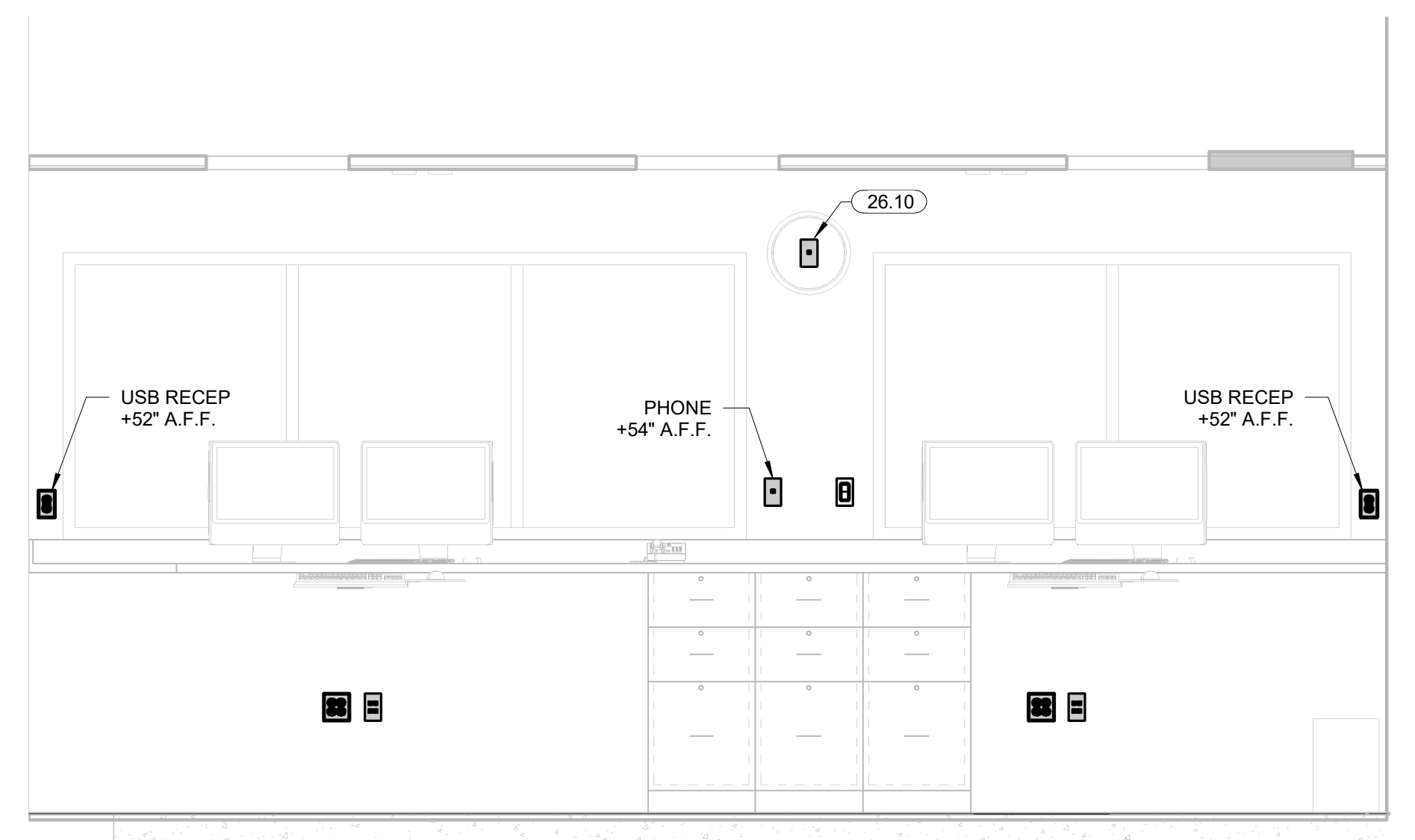
ENLARGED ER SIMULATION ELECTRICAL PLAN

**KEYNOTES**

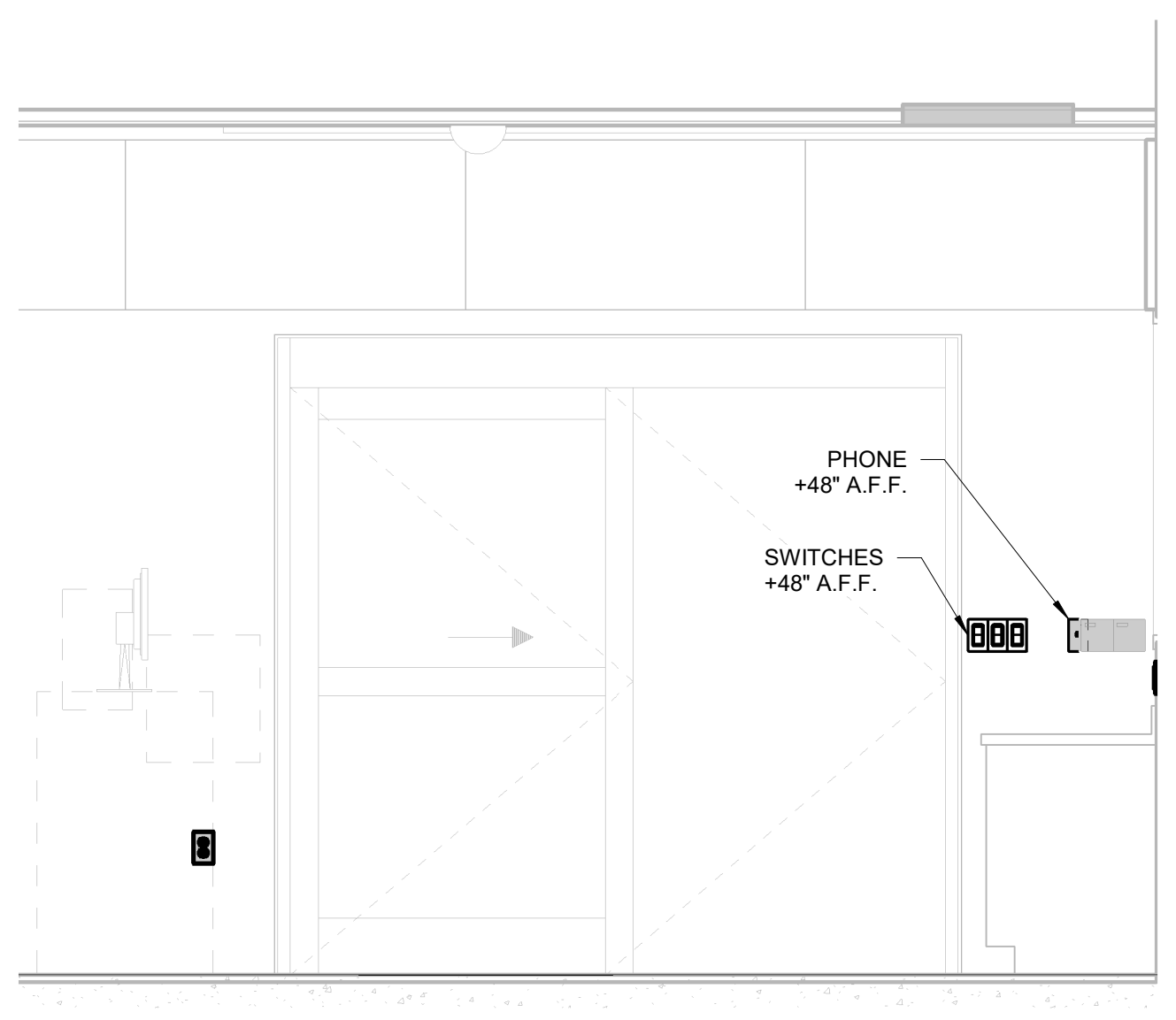
- DATA FOR SLAVE CLOCK TO BE MOUNTED AT +96" A.F.F.
- JUNCTION BOXES SHOWN FOR HEADWALL UNITS ARE DIAGRAMMATICAL. REFER TO INSTALLATION GUIDE PROVIDED WITH UNITS AND UTILIZE TEMPLATE FOR EXACT MOUNTING HEIGHTS AND LOCATIONS.
- DATA FOR SLAVE CLOCK TO BE MOUNTED AT +84" A.F.F.



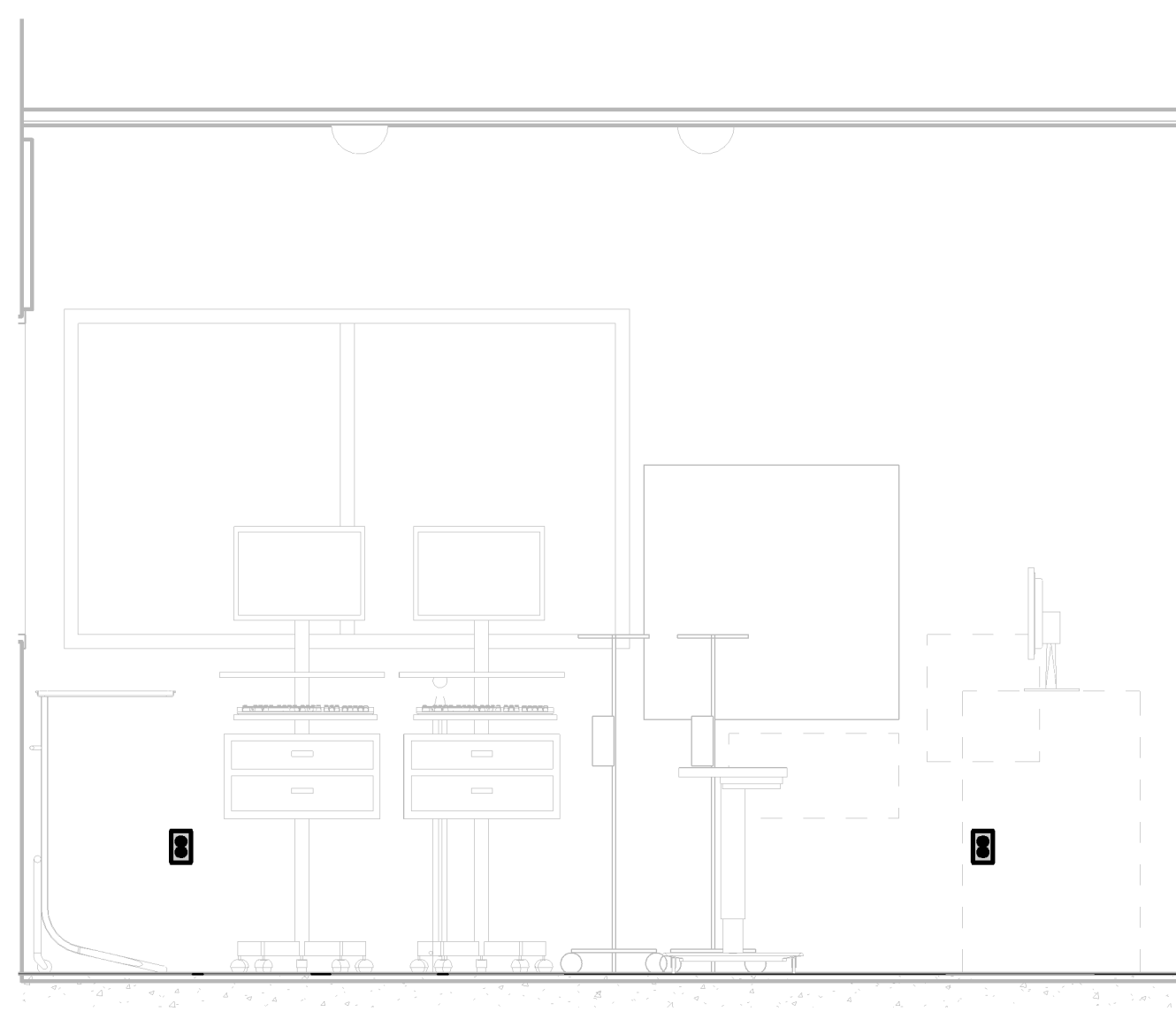
**5 ER SIMULATION LIGHTING PLAN**  
1/2" = 1'-0"



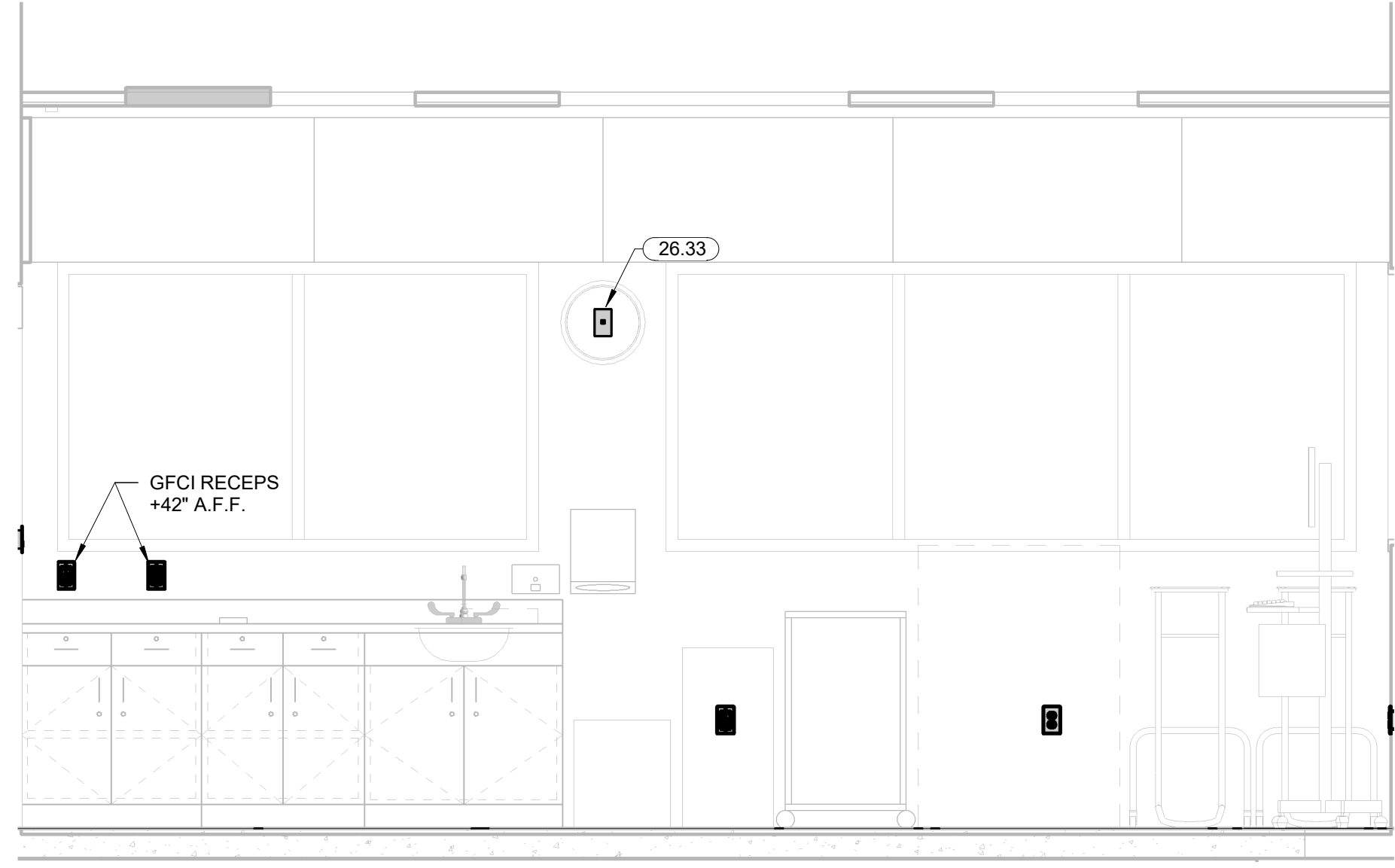
**3 ER SIMULATION CONTROL ROOM WEST ELEV**  
1/2" = 1'-0"



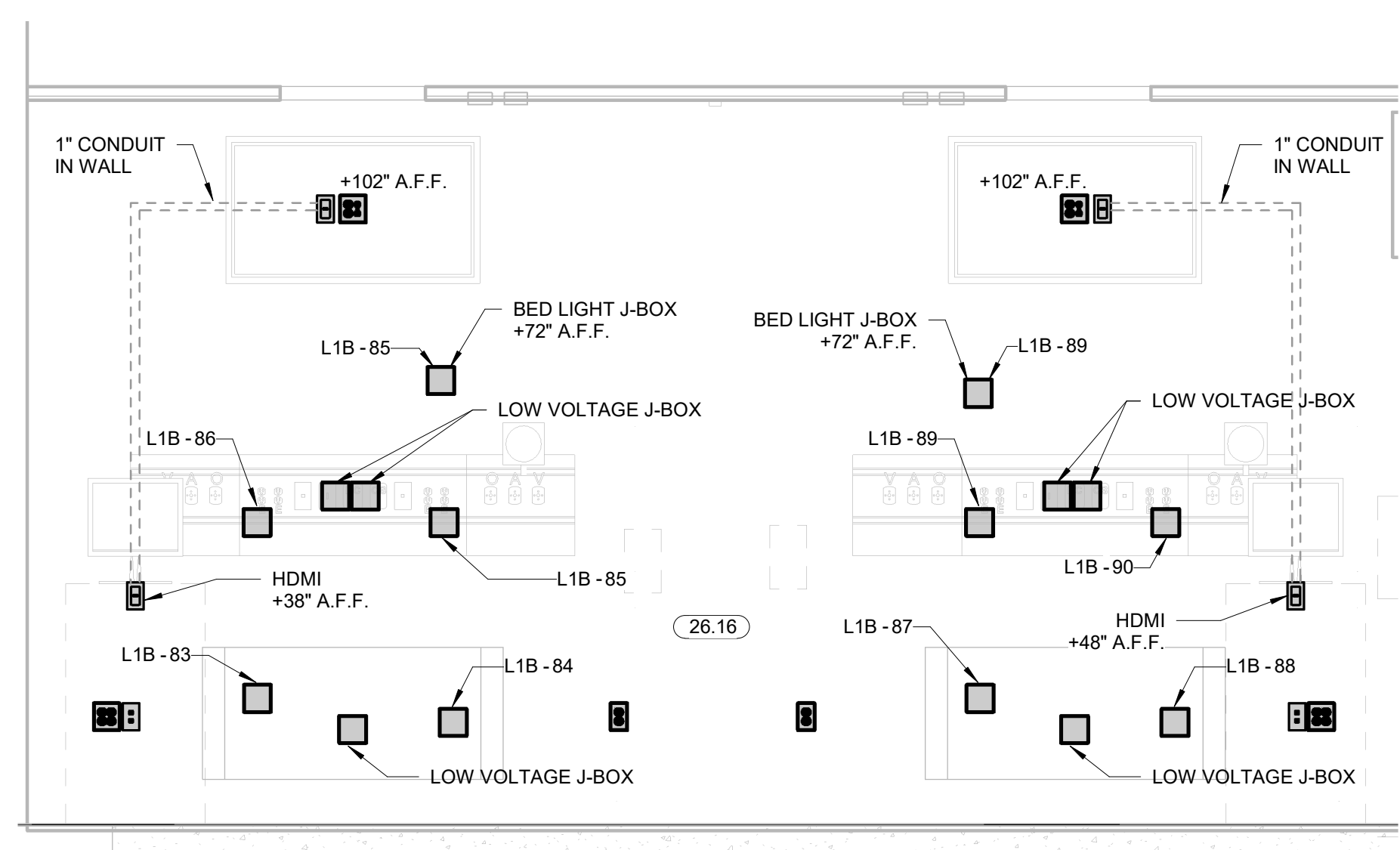
**7 ER SIMULATION NORTH ELEV**  
1/2" = 1'-0"



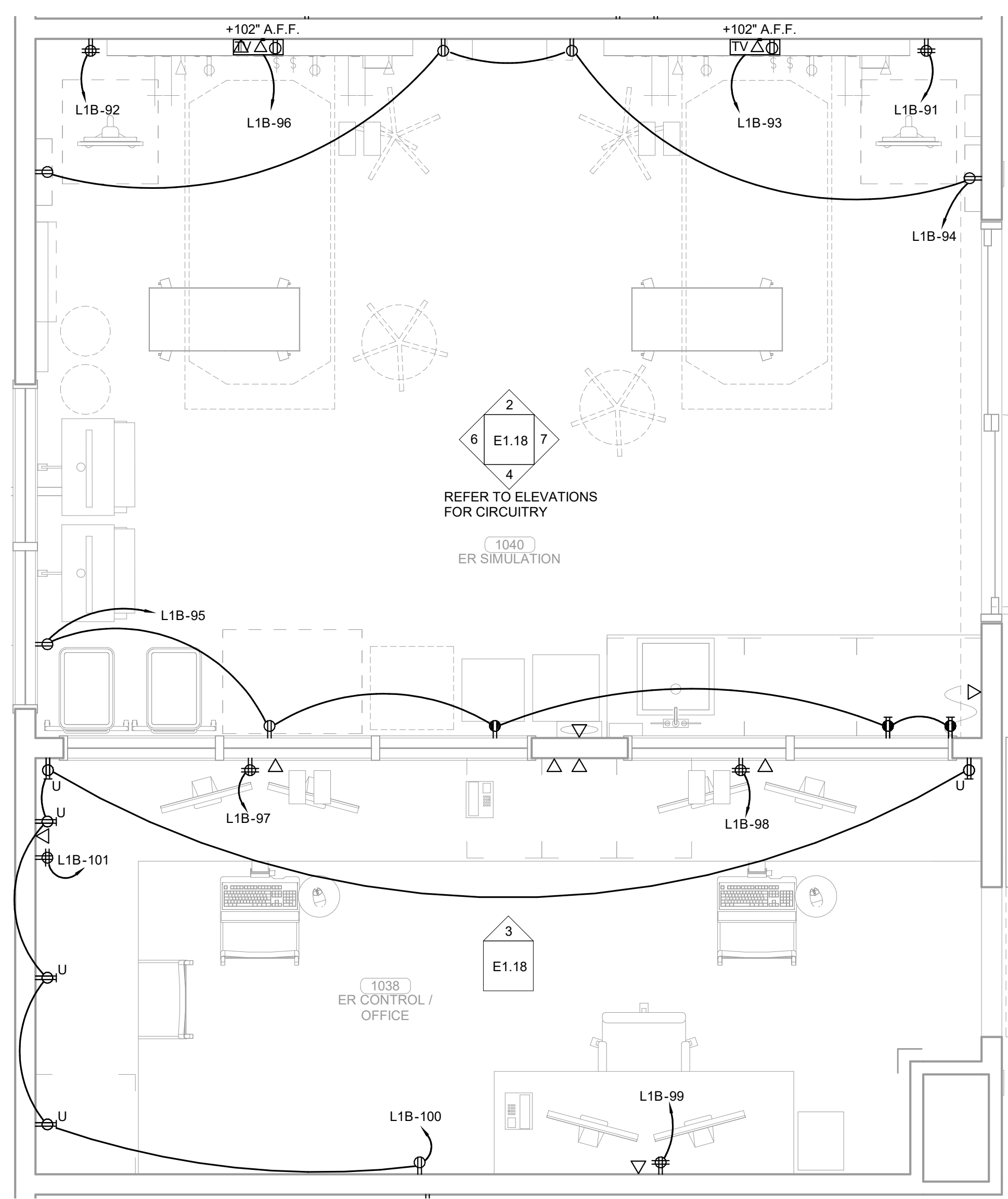
**6 ER SIMULATION SOUTH ELEV**  
1/2" = 1'-0"



**4 ER SIMULATION EAST ELEV**  
1/2" = 1'-0"

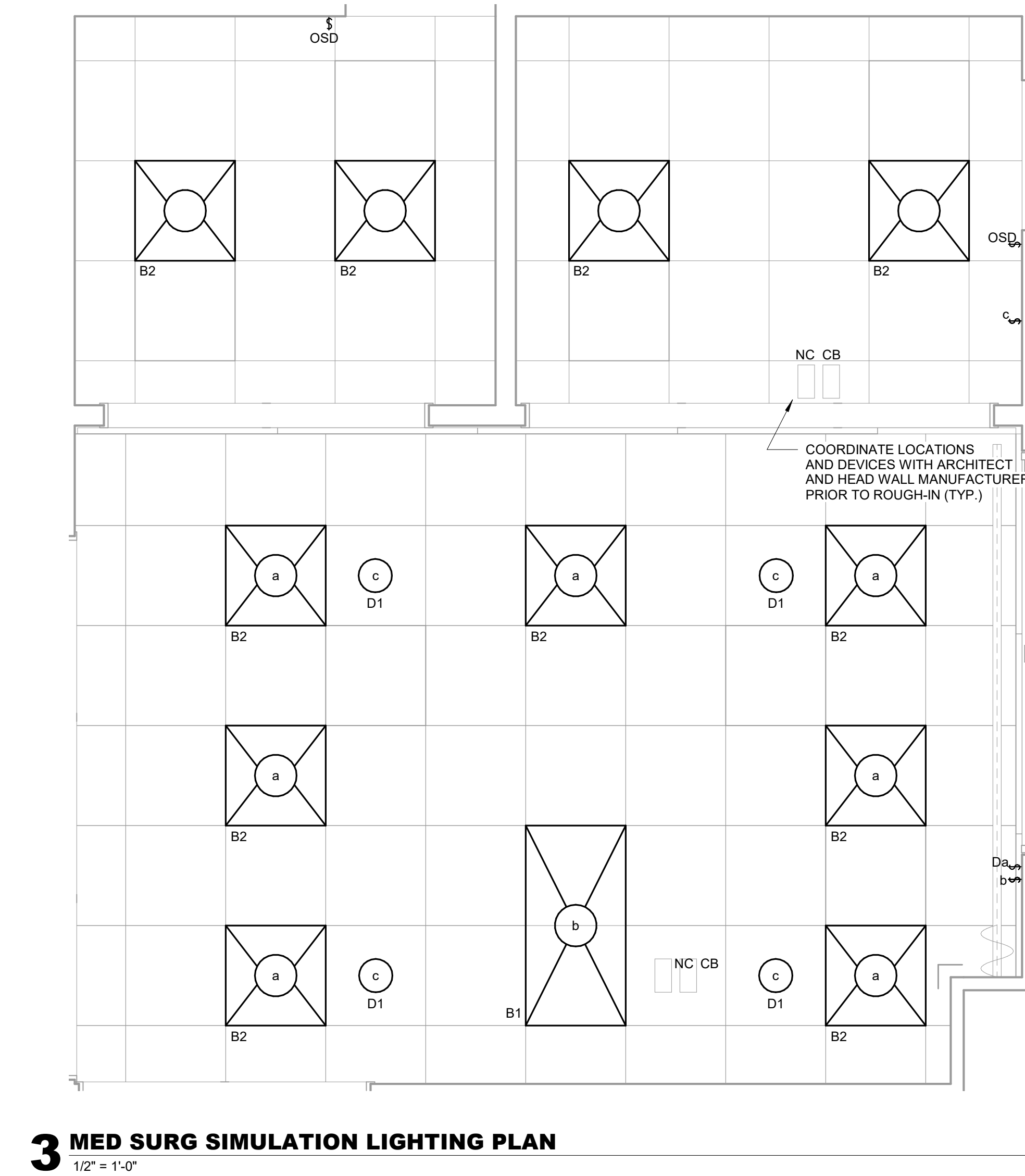
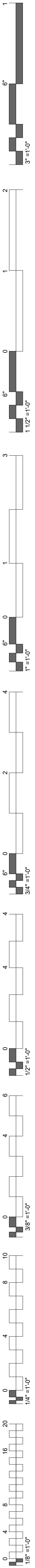


**2 ER SIMULATION WEST ELEV**  
1/2" = 1'-0"

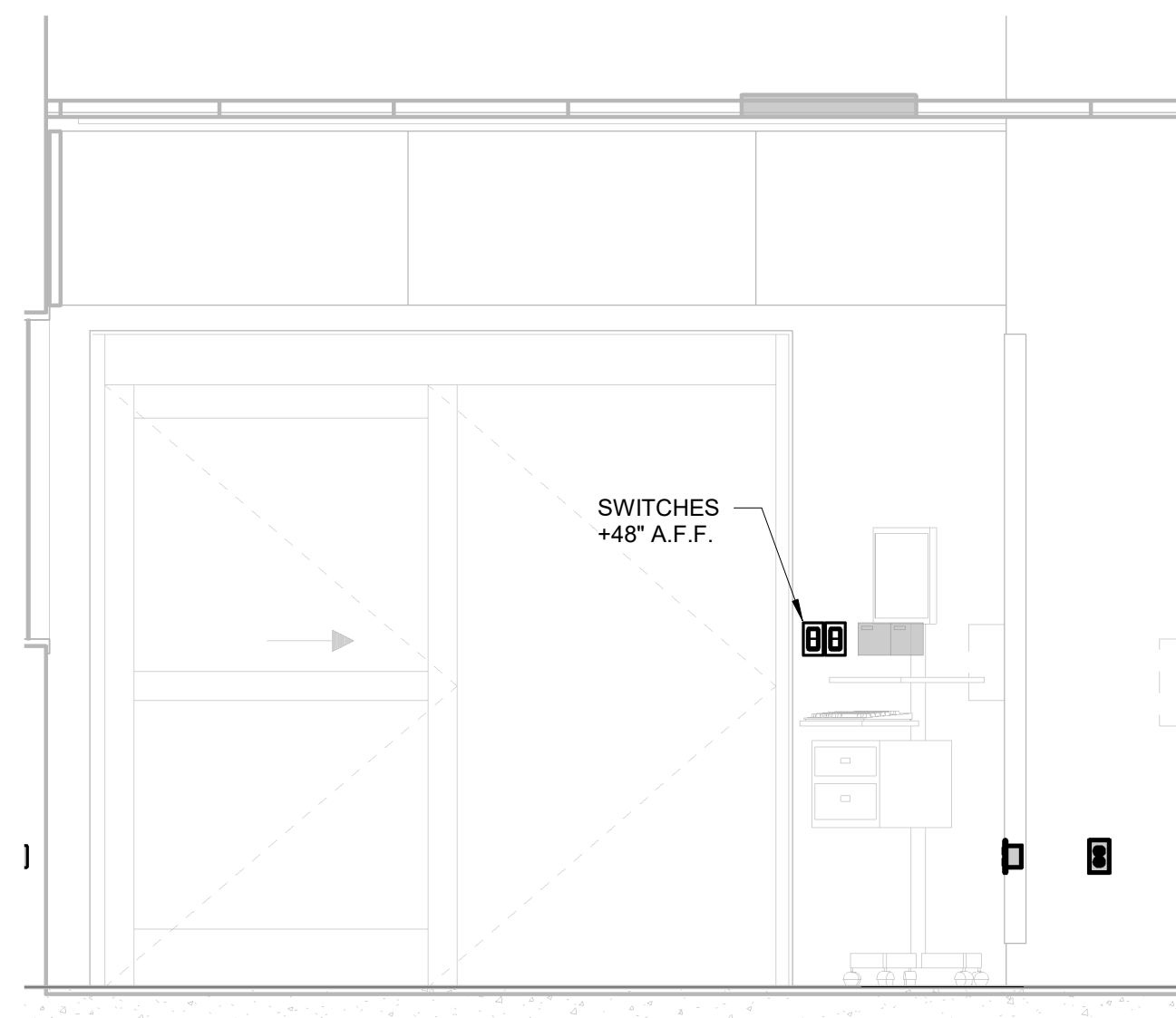


**1 ENLARGED ER SIMULATION ELECTRICAL PLAN**  
1/2" = 1'-0"

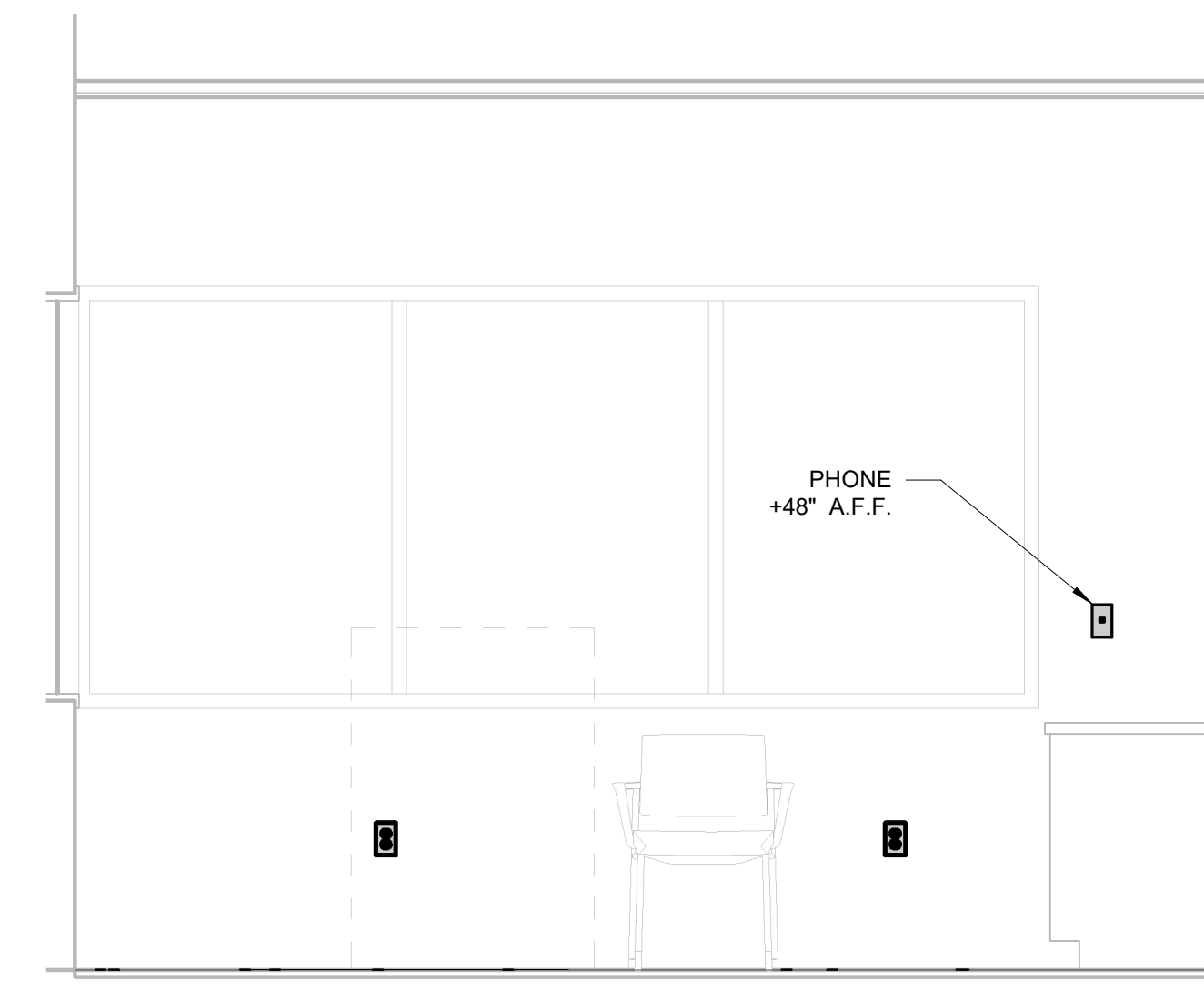




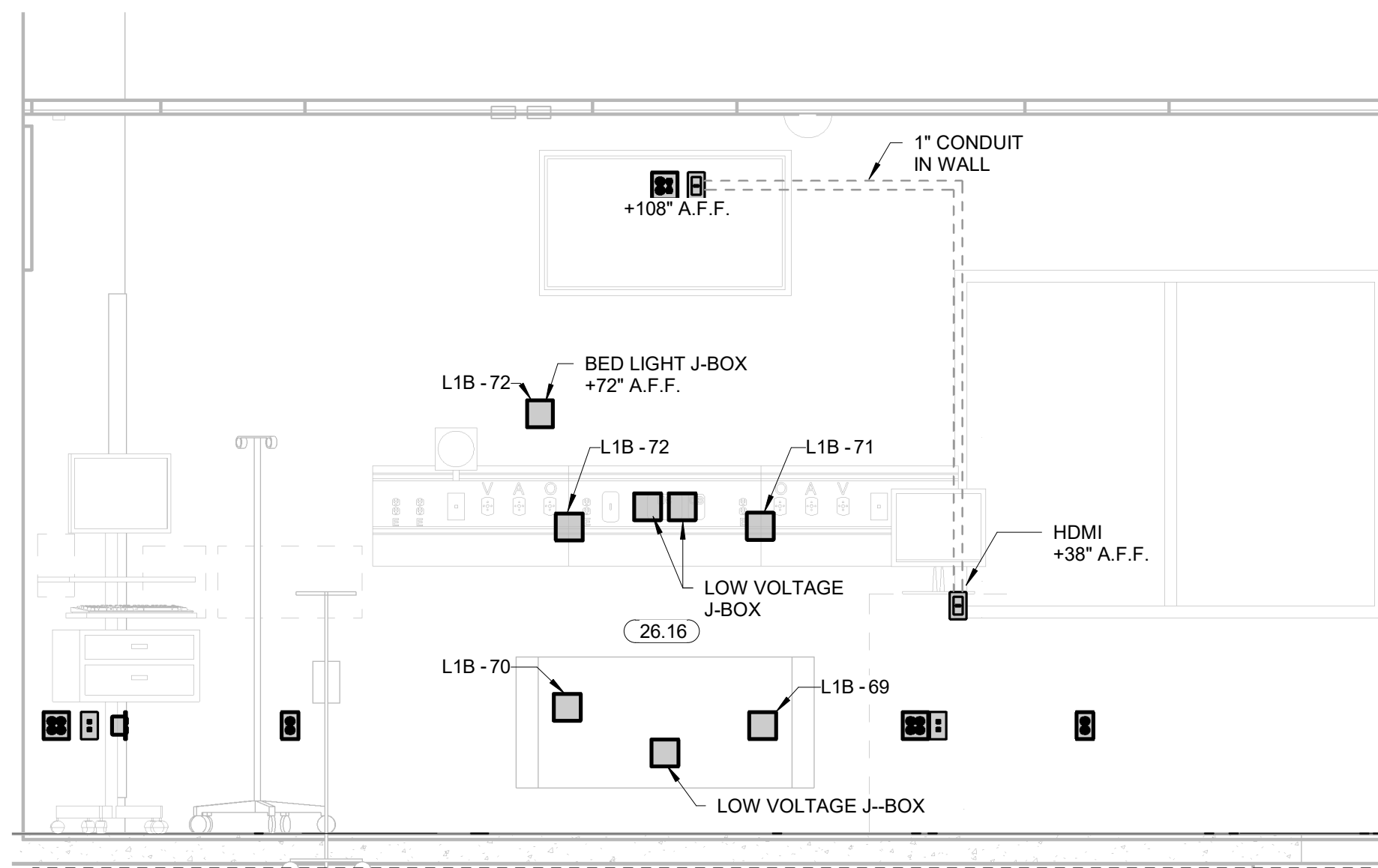
**3 MED SURG SIMULATION LIGHTING PLAN**  
1/2" = 1'-0"



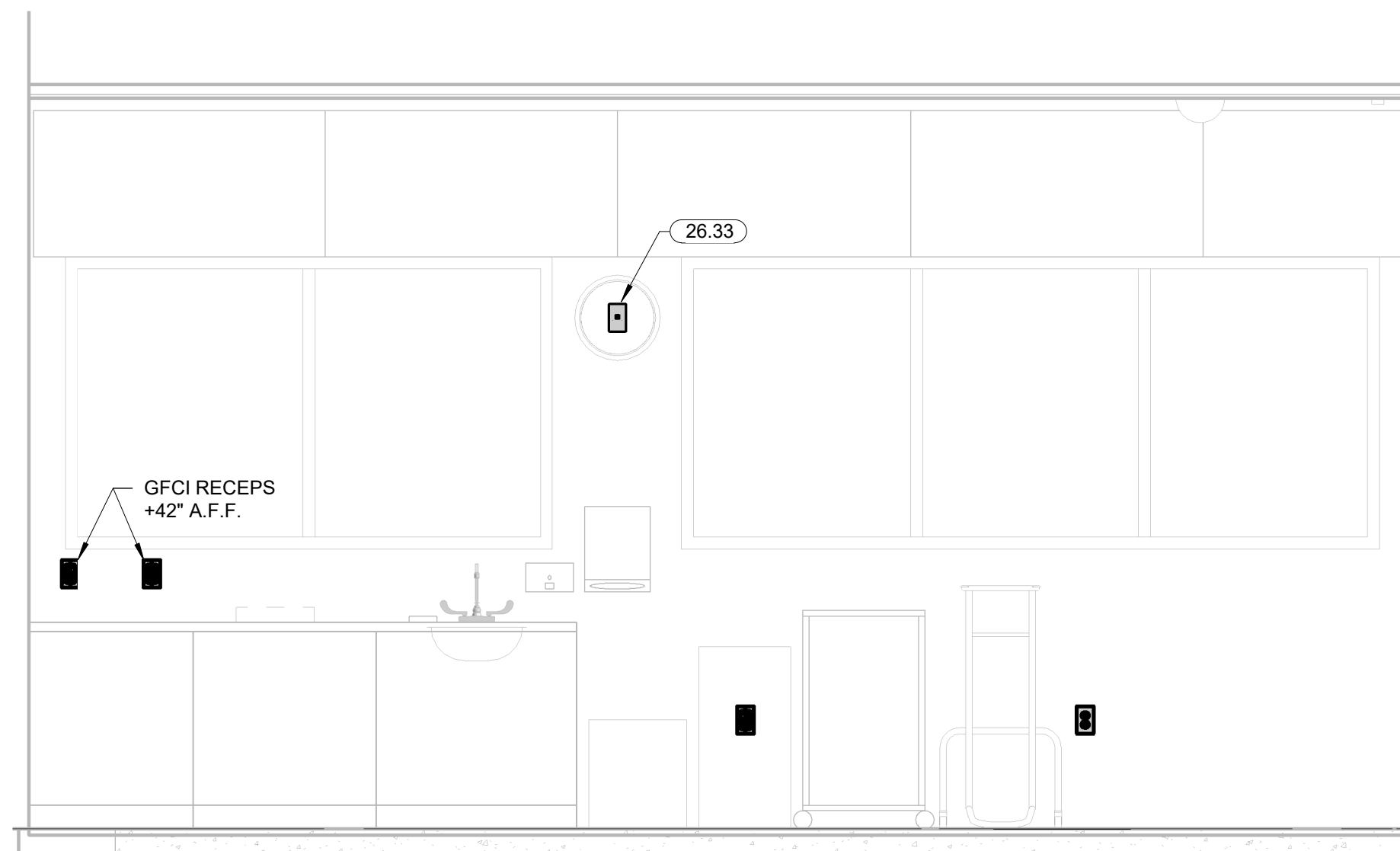
**6 MED SURG SIMULATION NORTH ELEV**  
1/2" = 1'-0"



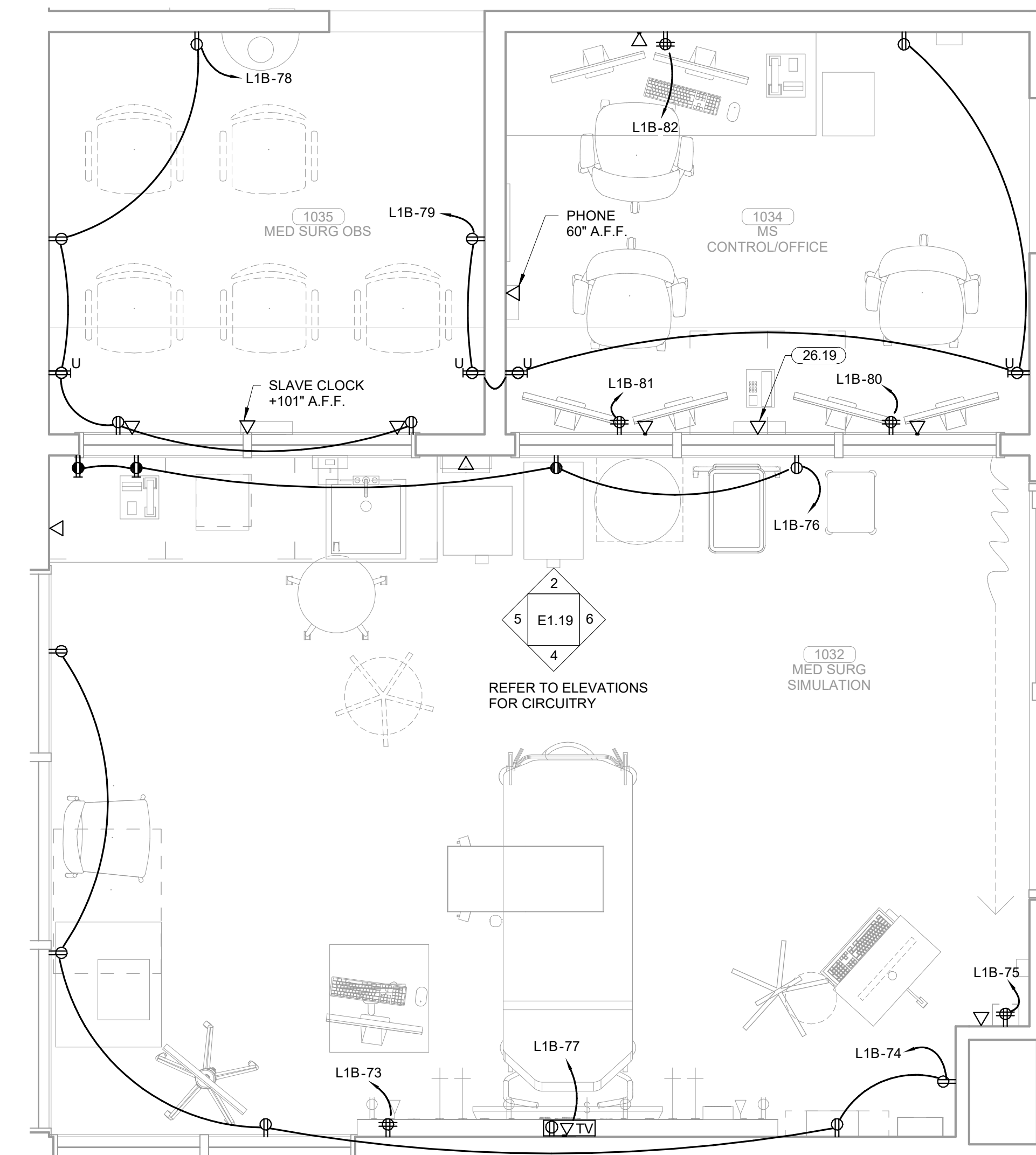
**5 MED SURG SIMULATION SOUTH ELEV**  
1/2" = 1'-0"



**4 MED SURG SIMULATION EAST ELEV**  
1/2" = 1'-0"



**2 MED SURG SIMULATION WEST ELEV**  
1/2" = 1'-0"



**1 ENLARGED MED SURG SIMULATION ELECTRICAL PLAN**  
1/2" = 1'-0"

**KEYNOTES**

26.16 JUNCTION BOXES SHOWN FOR HEADWALL UNITS ARE DIAGRAMMATICAL. REFER TO INSTALLATION GUIDE PROVIDED WITH UNITS AND UTILIZE TEMPLATE FOR EXACT MOUNTING HEIGHTS AND LOCATIONS.

26.19 DATA FOR SLAVE CLOCK TO BE MOUNTED AT +108" A.F.F.

26.33 DATA FOR SLAVE CLOCK TO BE MOUNTED AT +84" A.F.F.

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Robert Brandon Pinkerton  
73042  
Oklahoma  
08/23/19

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EST. SEPT. 6, 1839

COLLEGE OF  
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KEY PLAN

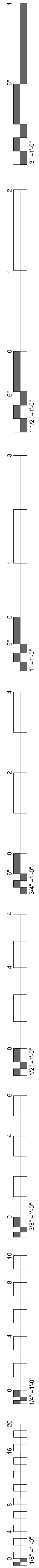
PROJECT PHASE  
CONSTRUCTION DOCUMENTS

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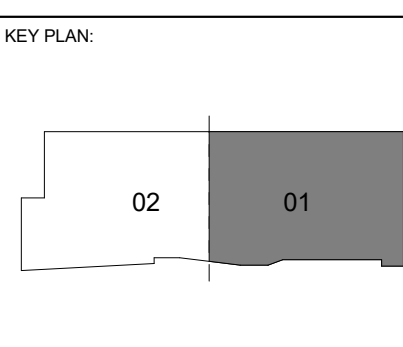
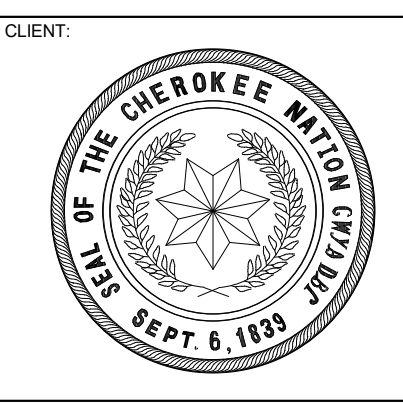
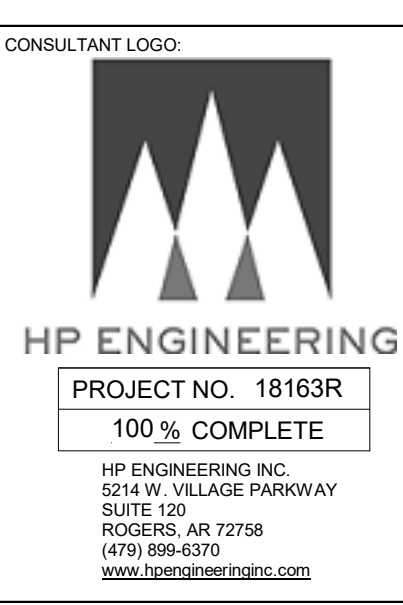
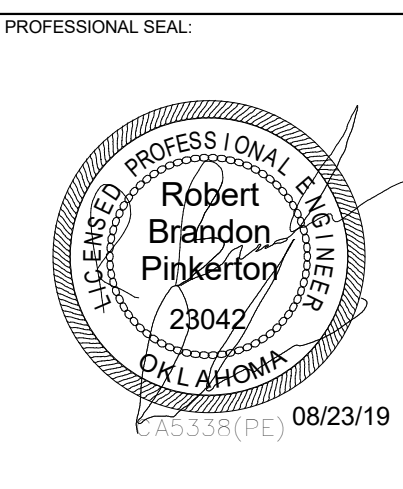
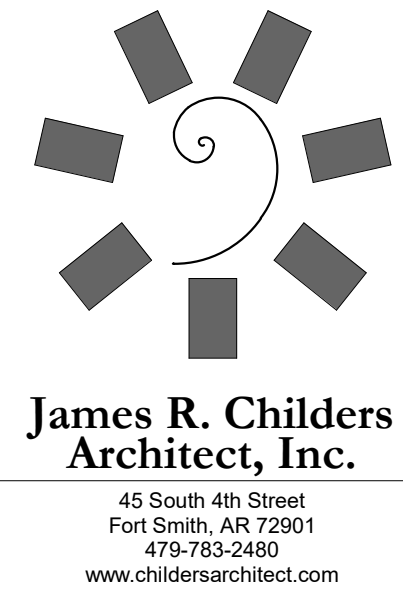
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER: E1.19

ENLARGED MED SURG SIMULATION ELECTRICAL PLAN



KEYNOTES	
26.16	JUNCTION BOXES SHOWN FOR HEADWALL UNITS ARE DIAGRAMMATICAL. REFER TO INSTALLATION GUIDE PROVIDED WITH UNITS AND UTILIZE TEMPLATE FOR EXACT MOUNTING HEIGHTS AND LOCATIONS.
26.17	RECEPTACLE TO BE MOUNTED AT 66" A.F.F. AND CONNECTED TO INDIVIDUAL TOGGLE SWITCH FOR UNDERCABINET LIGHTING CONTROL.
26.19	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +108" A.F.F.
26.33	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +84" A.F.F.

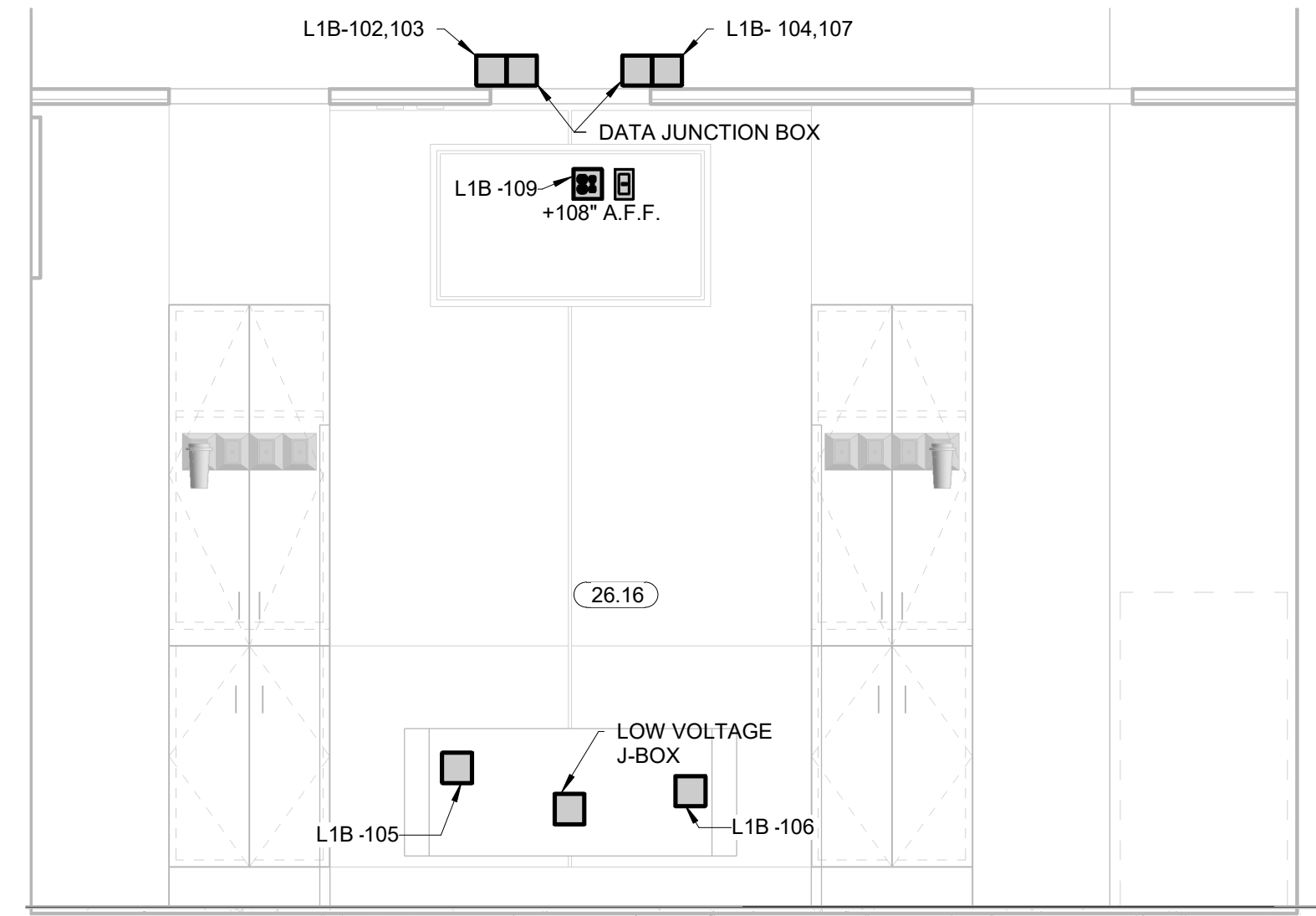


PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

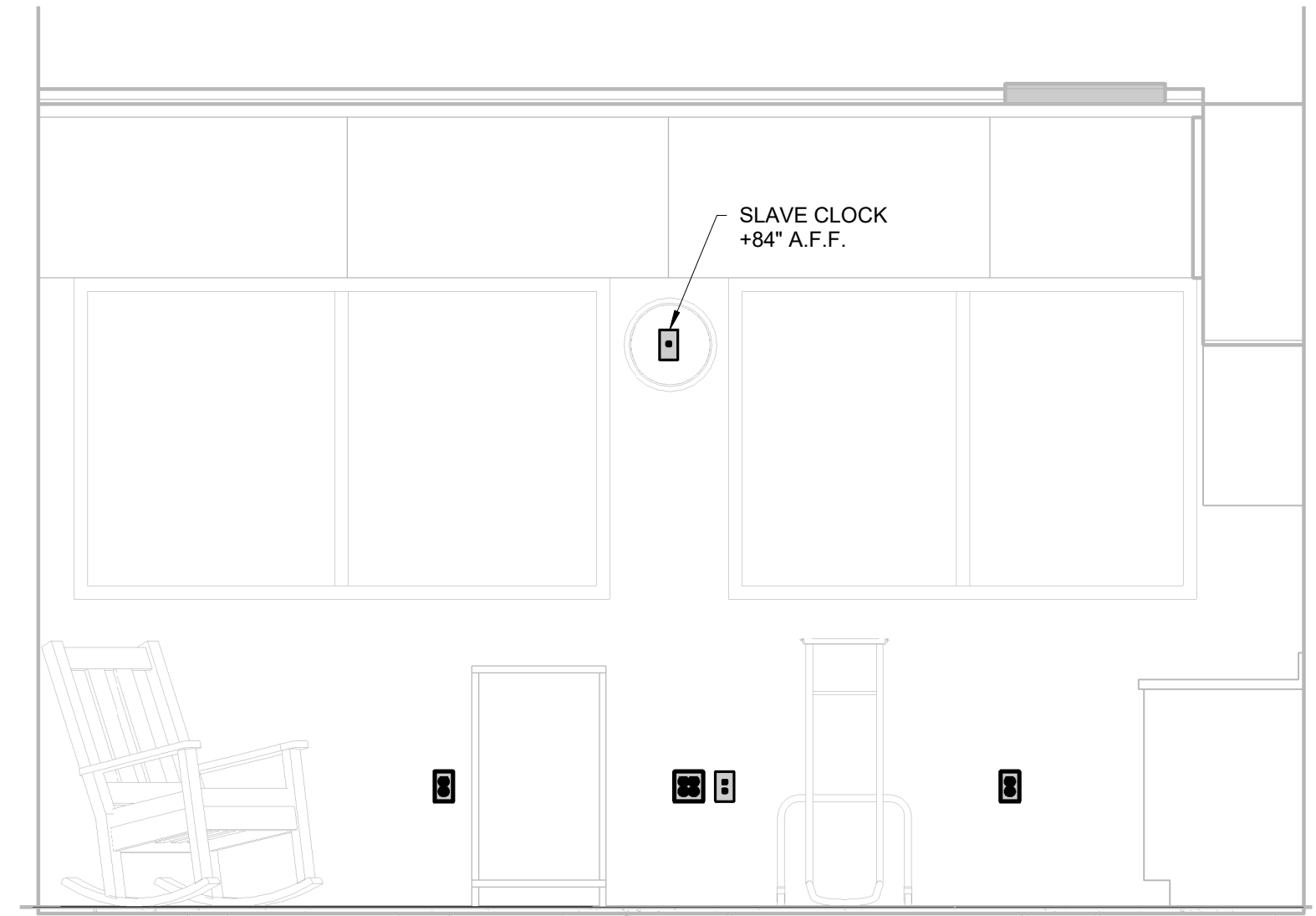
#	DATE	REVISIONS	DESCRIPTION

DATE: 08-23-19  
JOB NUMBER: 17-13

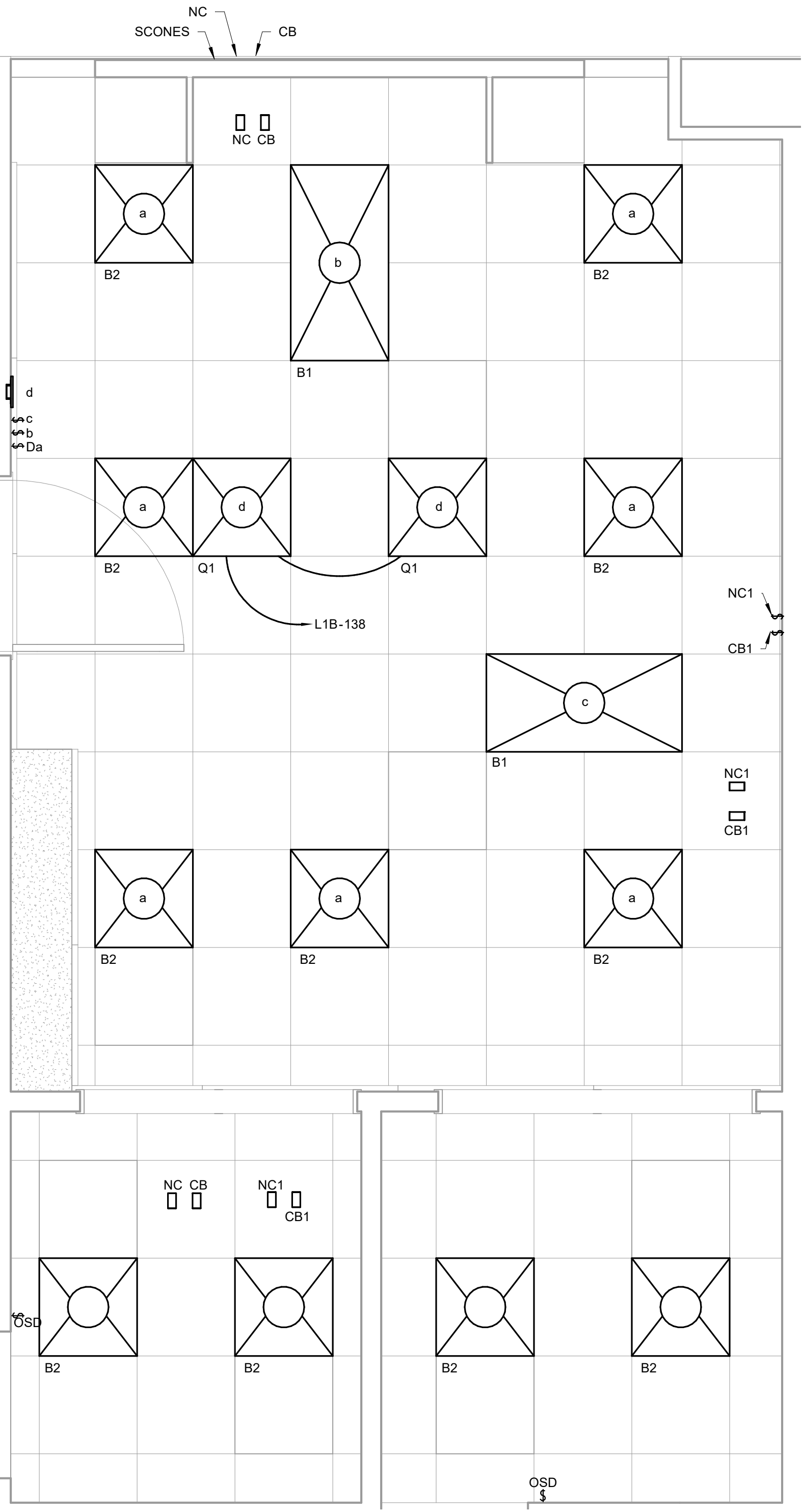
SHEET NUMBER:  
**E1.20**  
ENLARGED MATERNITY SIMULATION ELECTRICAL PLAN



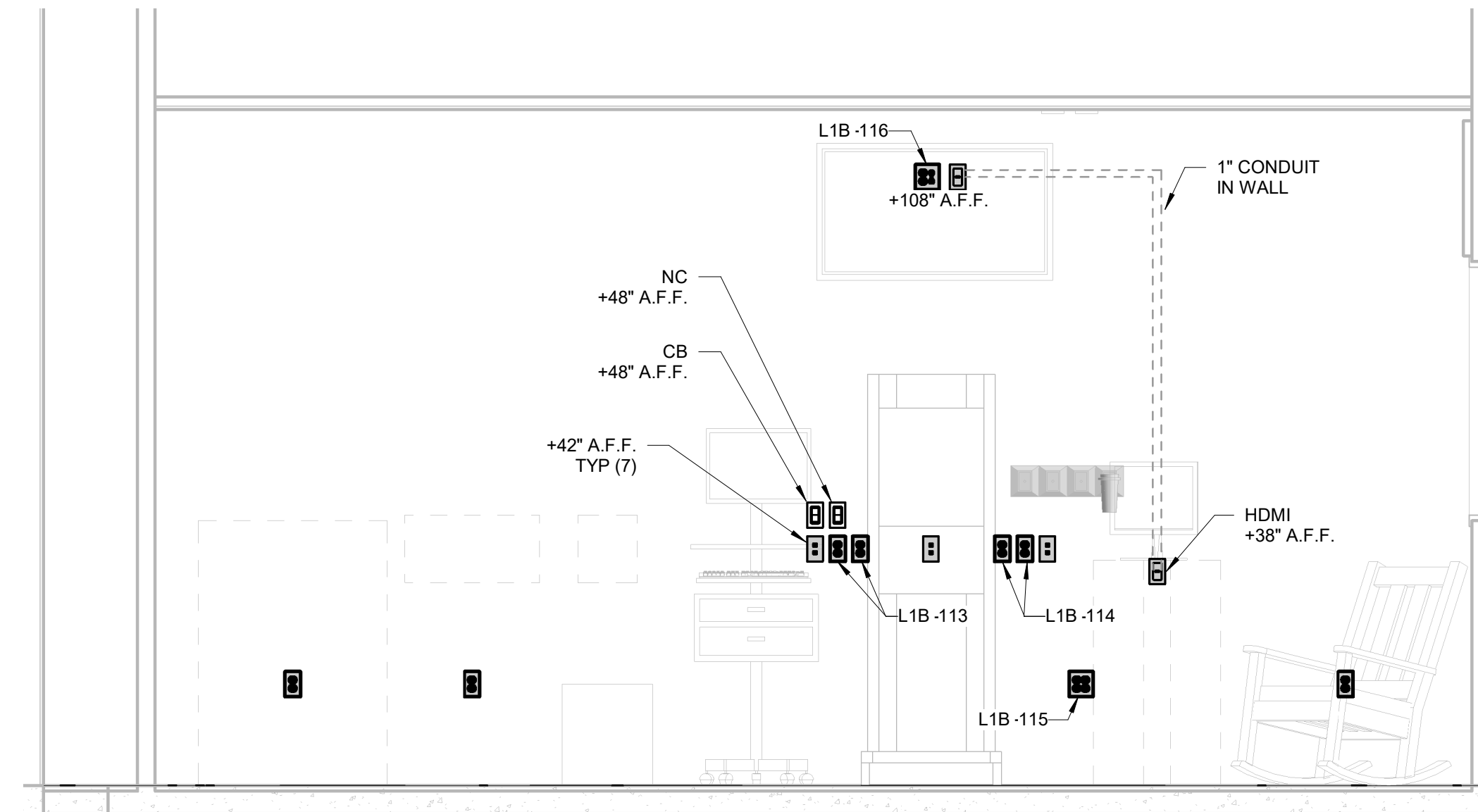
**6 MATERNITY SIMULATION WEST ELEV**  
1/2" = 1'-0"



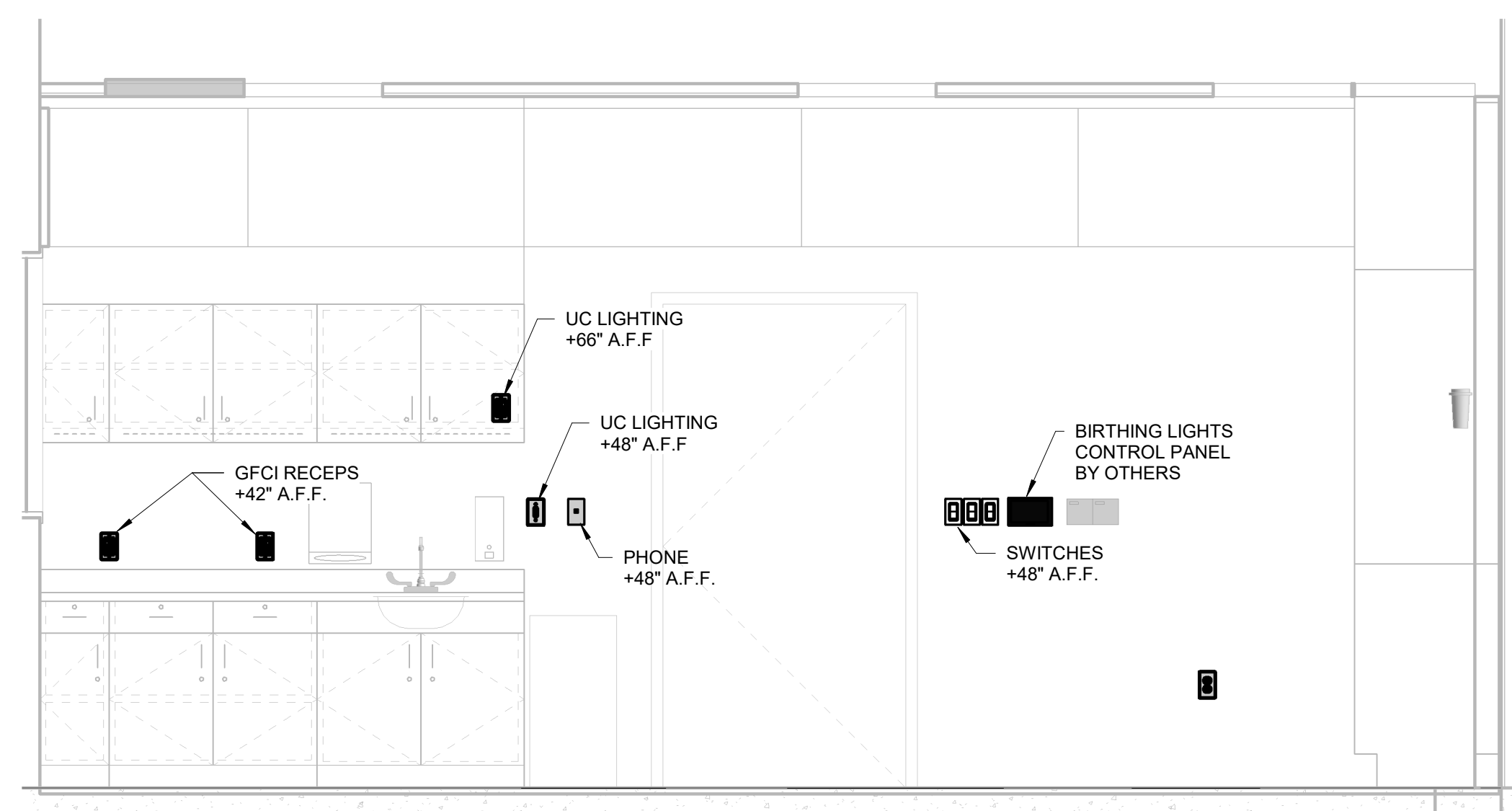
**5 MATERNITY SIMULATION EAST ELEV**  
1/2" = 1'-0"



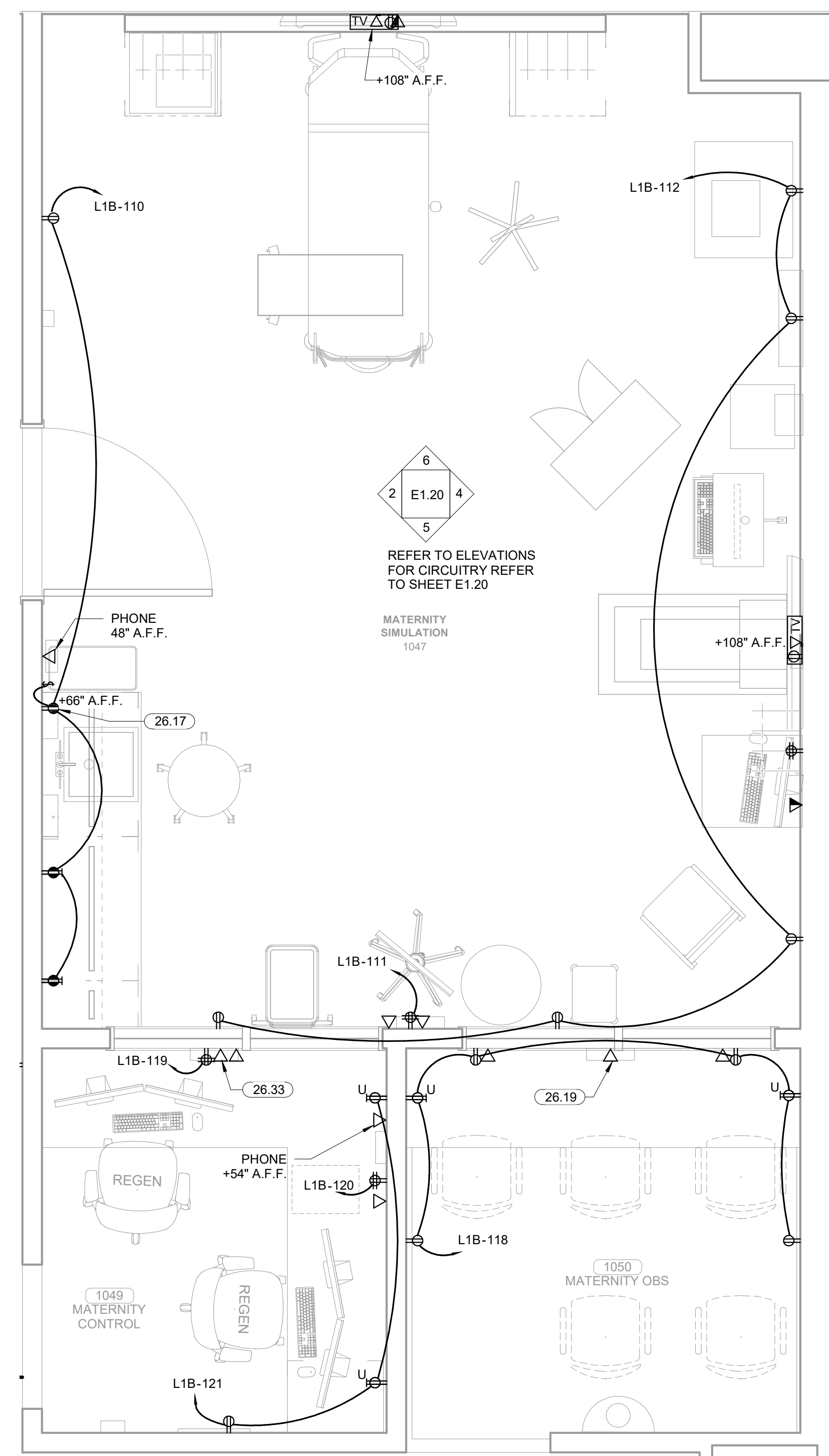
**3 MATERNITY SIMULATION LIGHTING PLAN**  
1/2" = 1'-0"



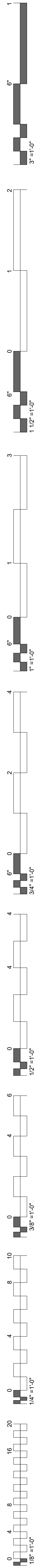
**4 MATERNITY SIMULATION NORTH ELEV**  
1/2" = 1'-0"



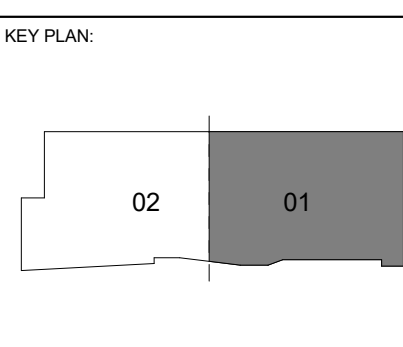
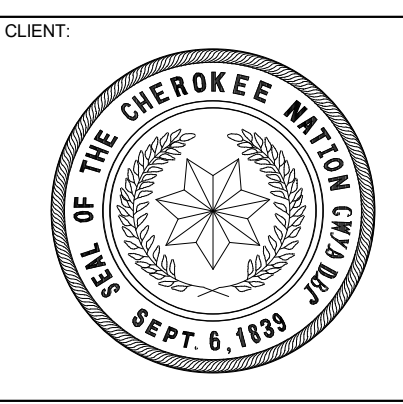
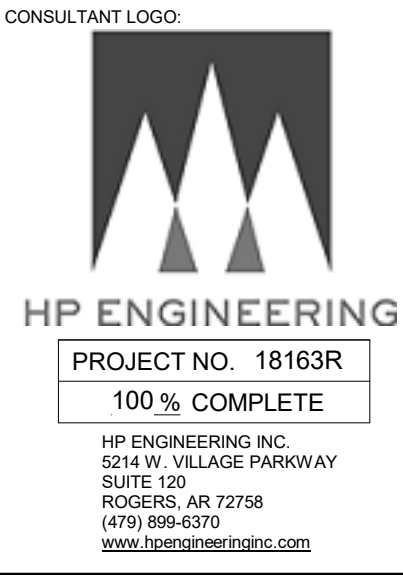
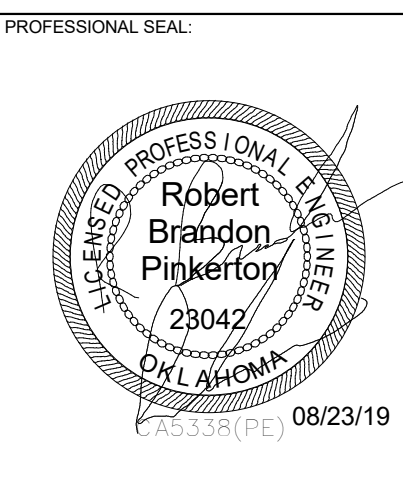
**2 MATERNITY SIMULATION SOUTH ELEV**  
1/2" = 1'-0"



**1 ENLARGED MATERNITY SIMULATION ELECTRICAL PLAN**  
1/2" = 1'-0"



KEYNOTES	
26.16	JUNCTION BOXES SHOWN FOR HEADWALL UNITS ARE DIAGRAMMATICAL. REFER TO INSTALLATION GUIDE PROVIDED WITH UNITS AND UTILIZE TEMPLATE FOR EXACT MOUNTING HEIGHTS AND LOCATIONS.
26.33	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +84\"/>

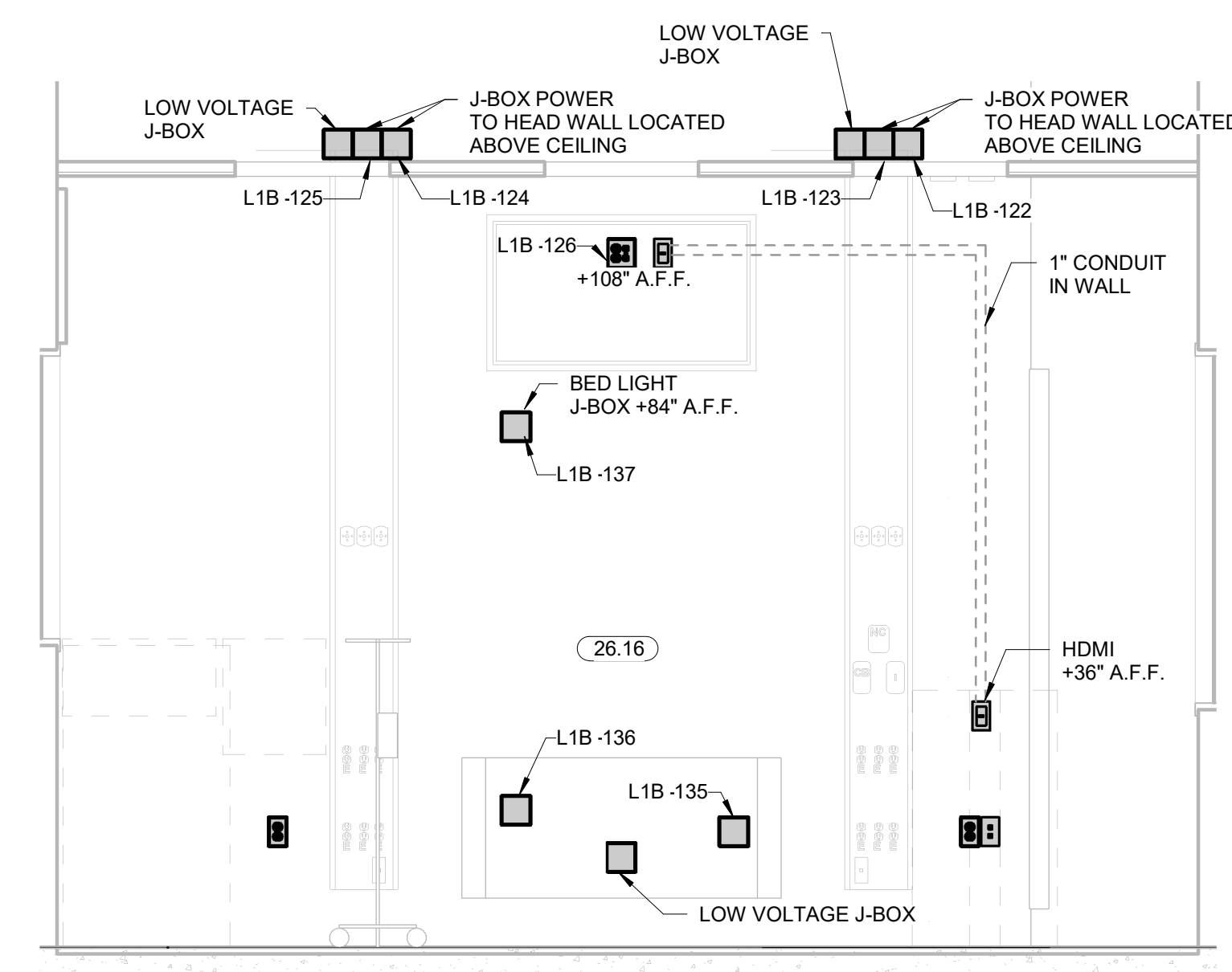


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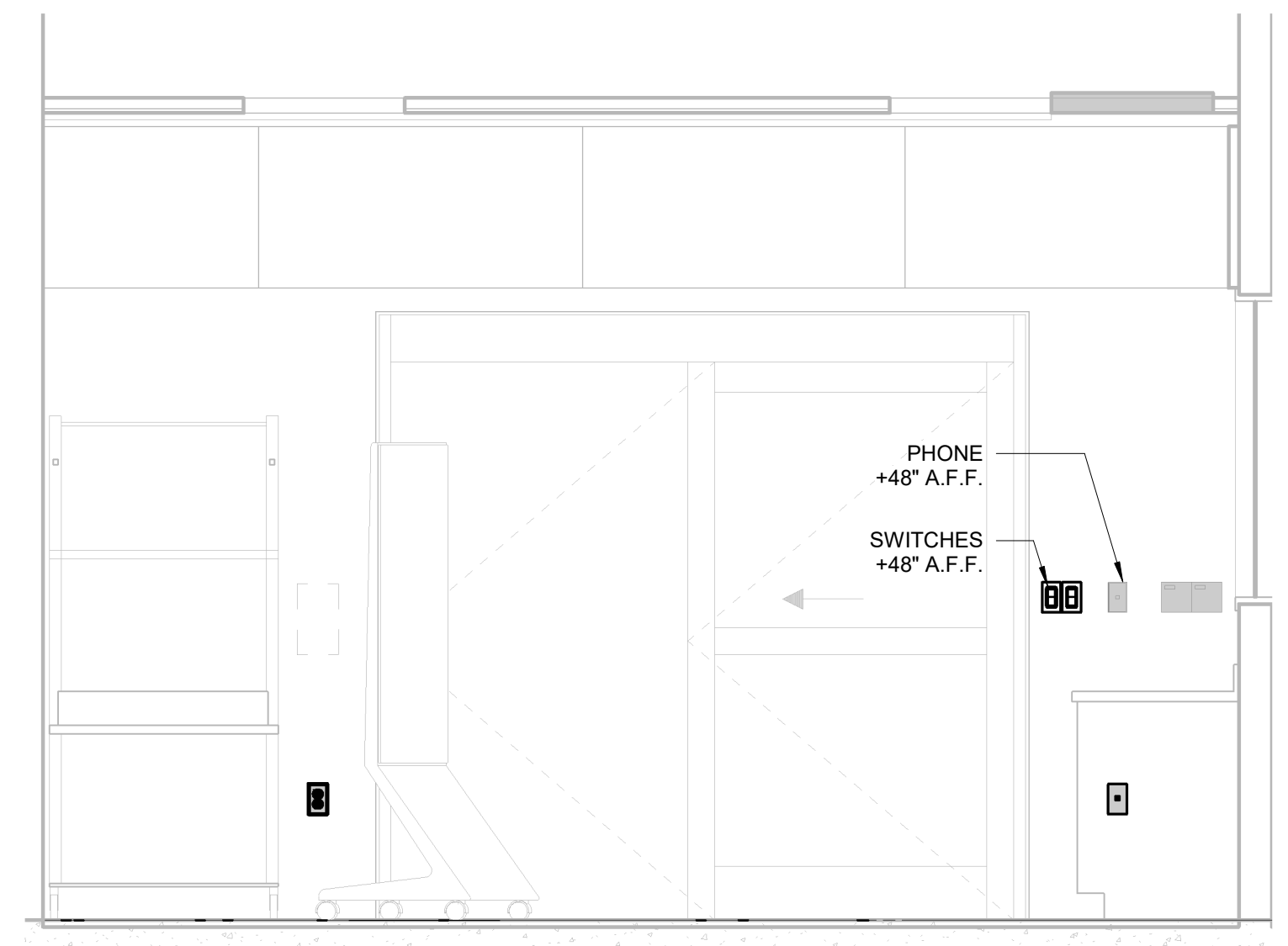
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DATE: 08-23-19      JOB NUMBER: 17-13

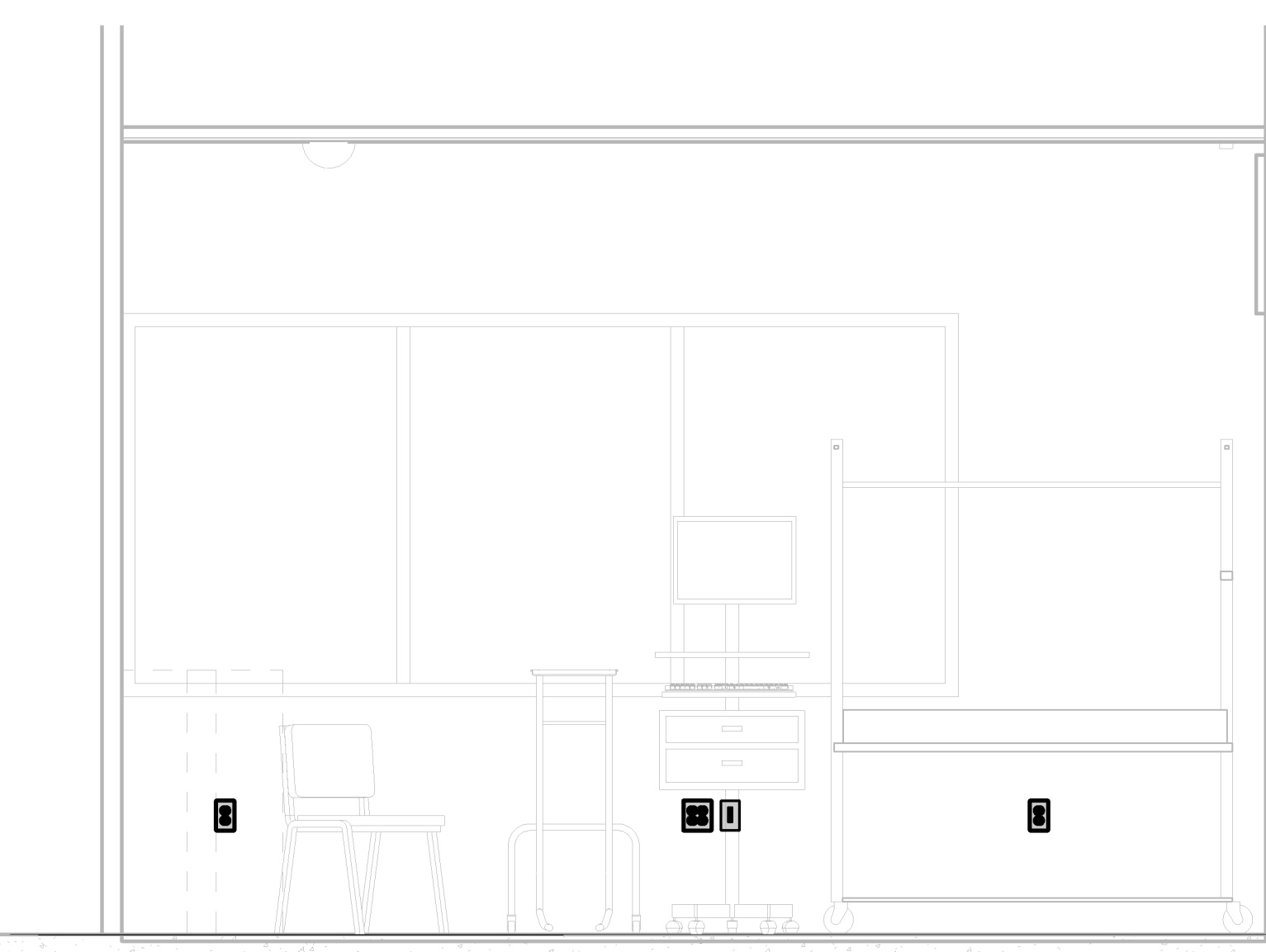
SHEET NUMBER:  
**E1.21**  
ENLARGED PEDIATRIC SIMULATION ELECTRICAL PLAN



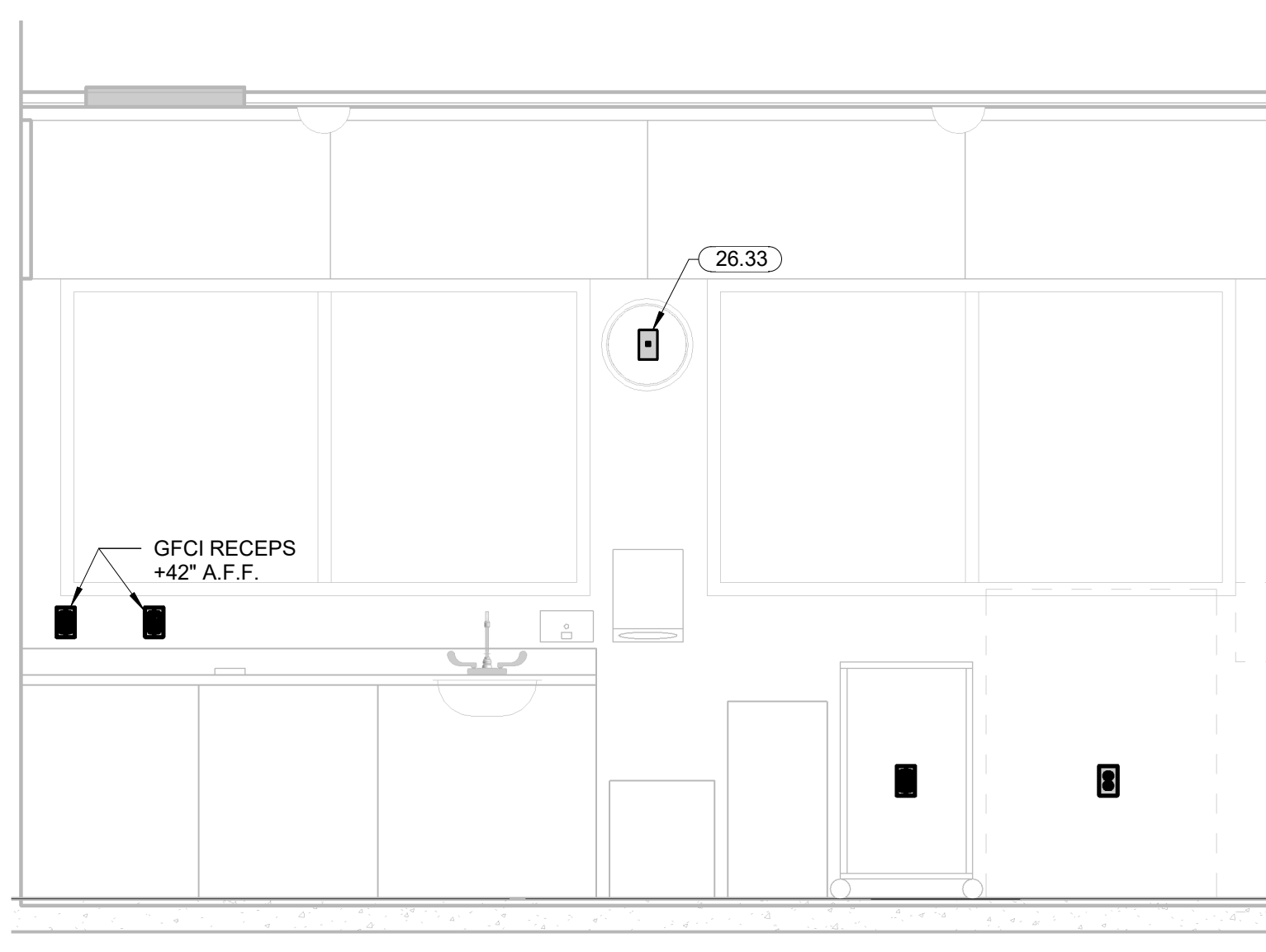
**6 PEDIATRIC SIMULATION NORTH ELEV**  
1/2" = 1'-0"



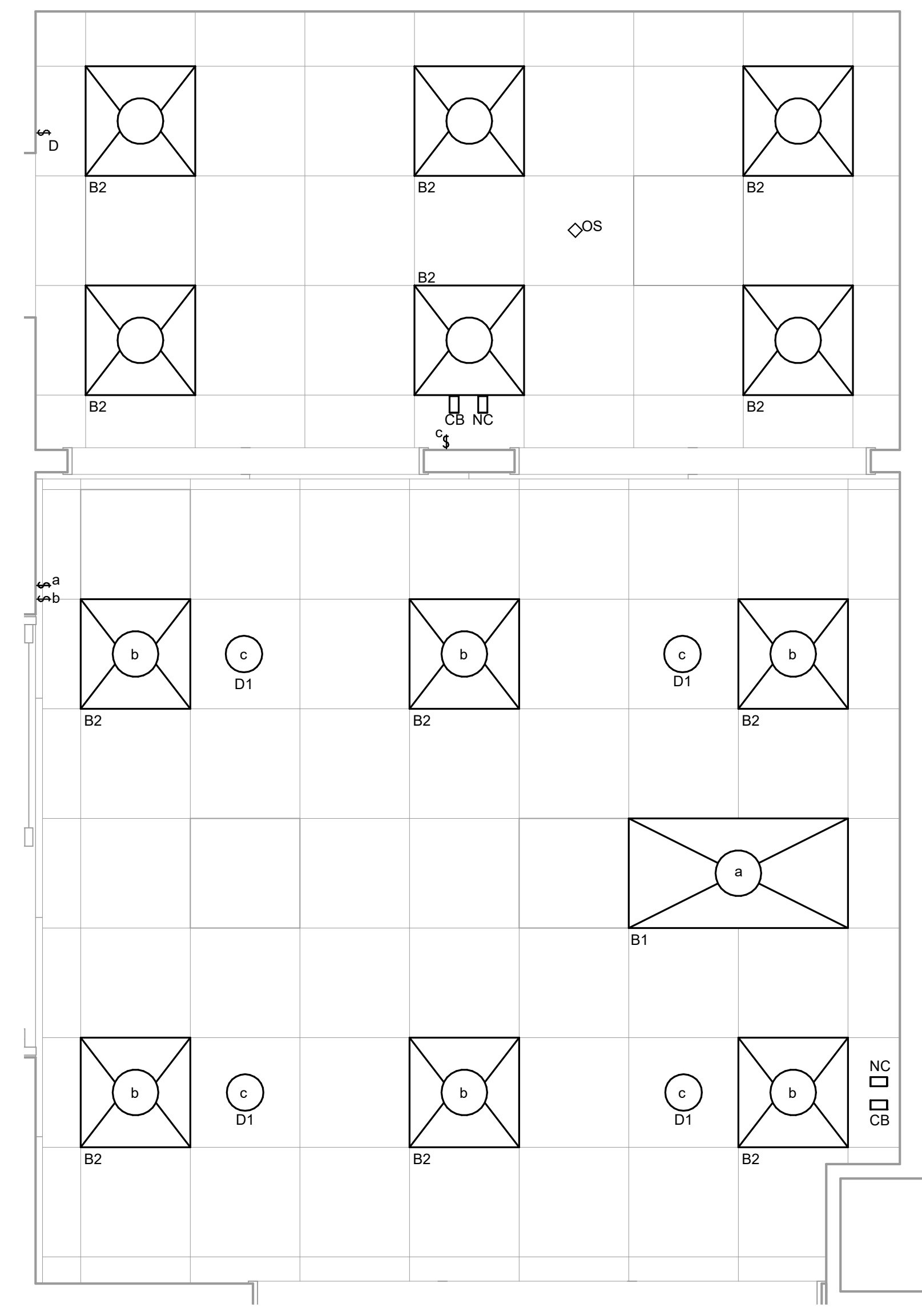
**5 PEDIATRIC SIMULATION SOUTH ELEV**  
1/2" = 1'-0"



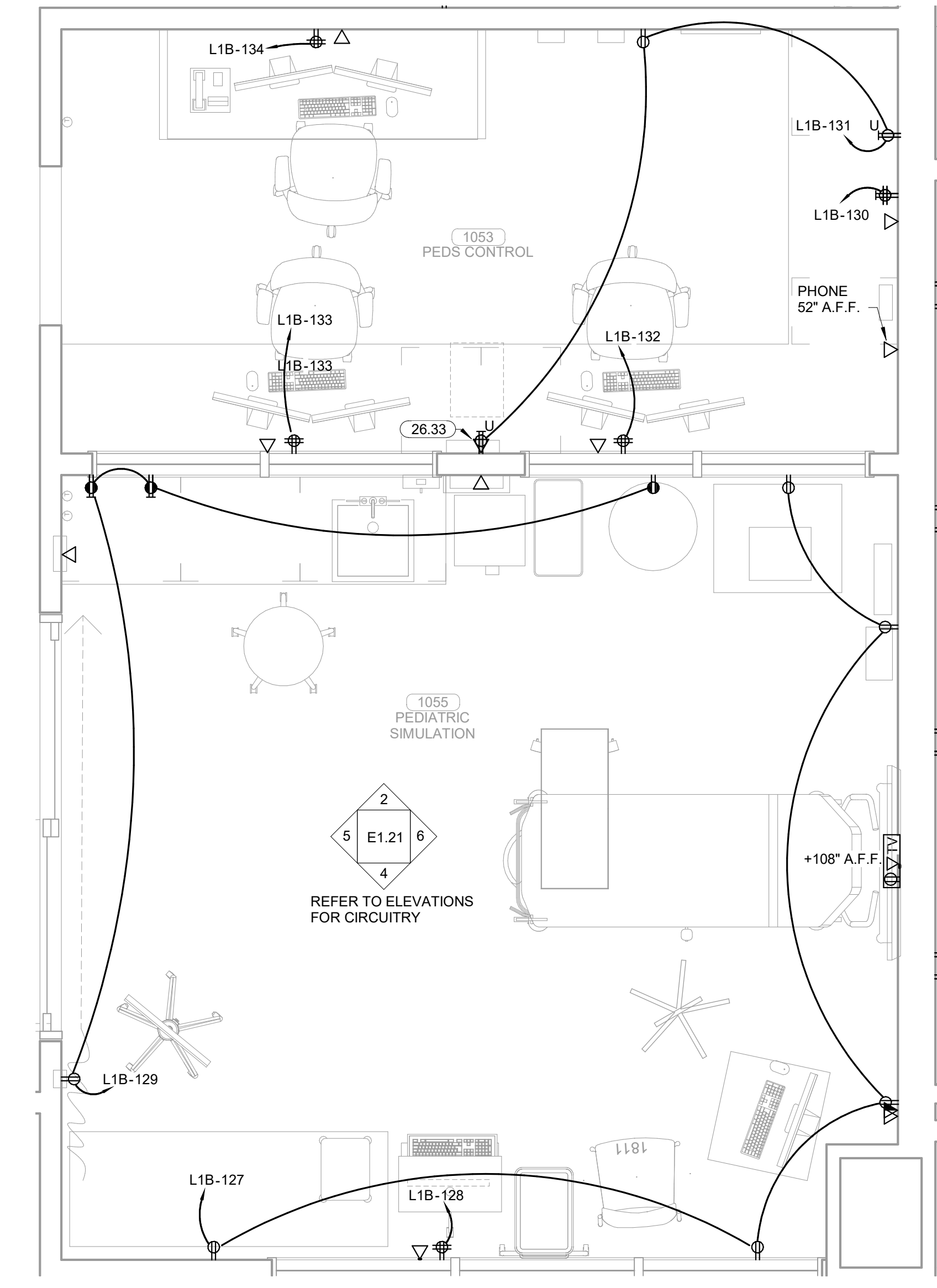
**4 PEDIATRIC SIMULATION EAST ELEV**  
1/2" = 1'-0"



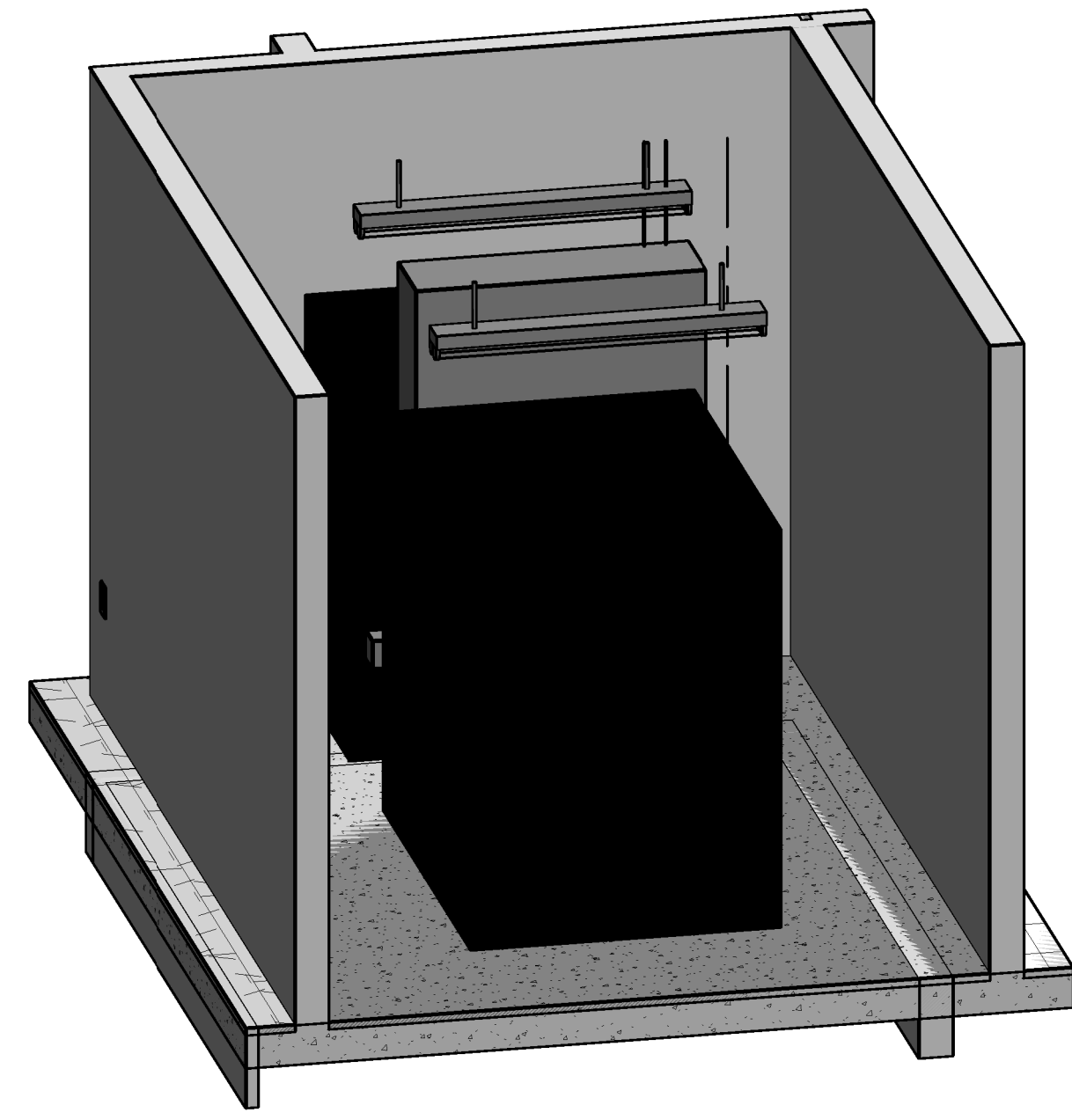
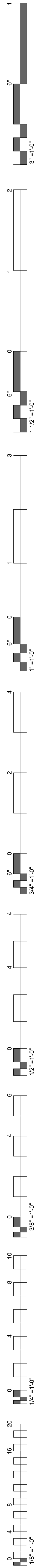
**2 PEDIATRIC SIMULATION WEST ELEV**  
1/2" = 1'-0"



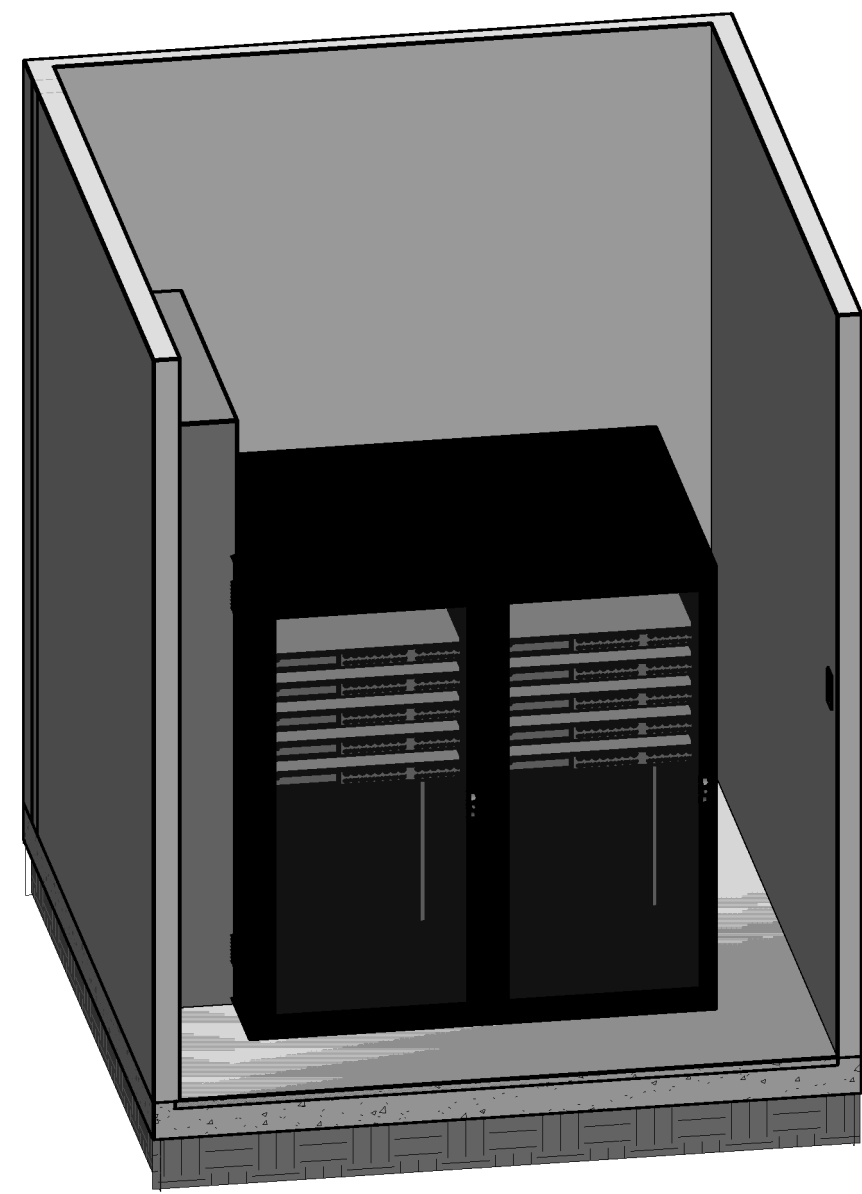
**3 PEDIATRIC SIMULATION LIGHTING PLAN**  
1/2" = 1'-0"



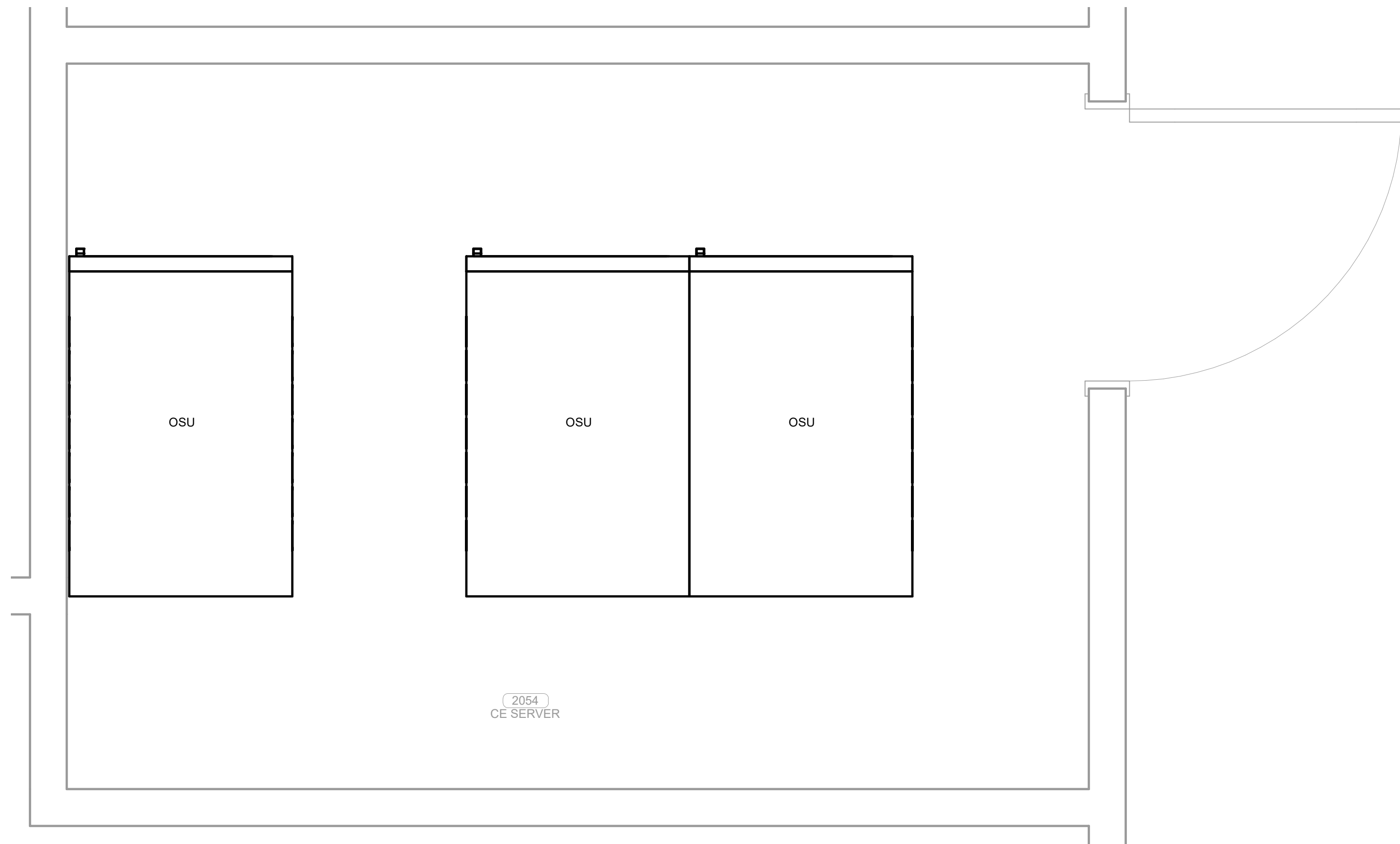
**1 ENLARGED PEDIATRIC SIMULATION ELECTRICAL PLAN**  
1/2" = 1'-0"



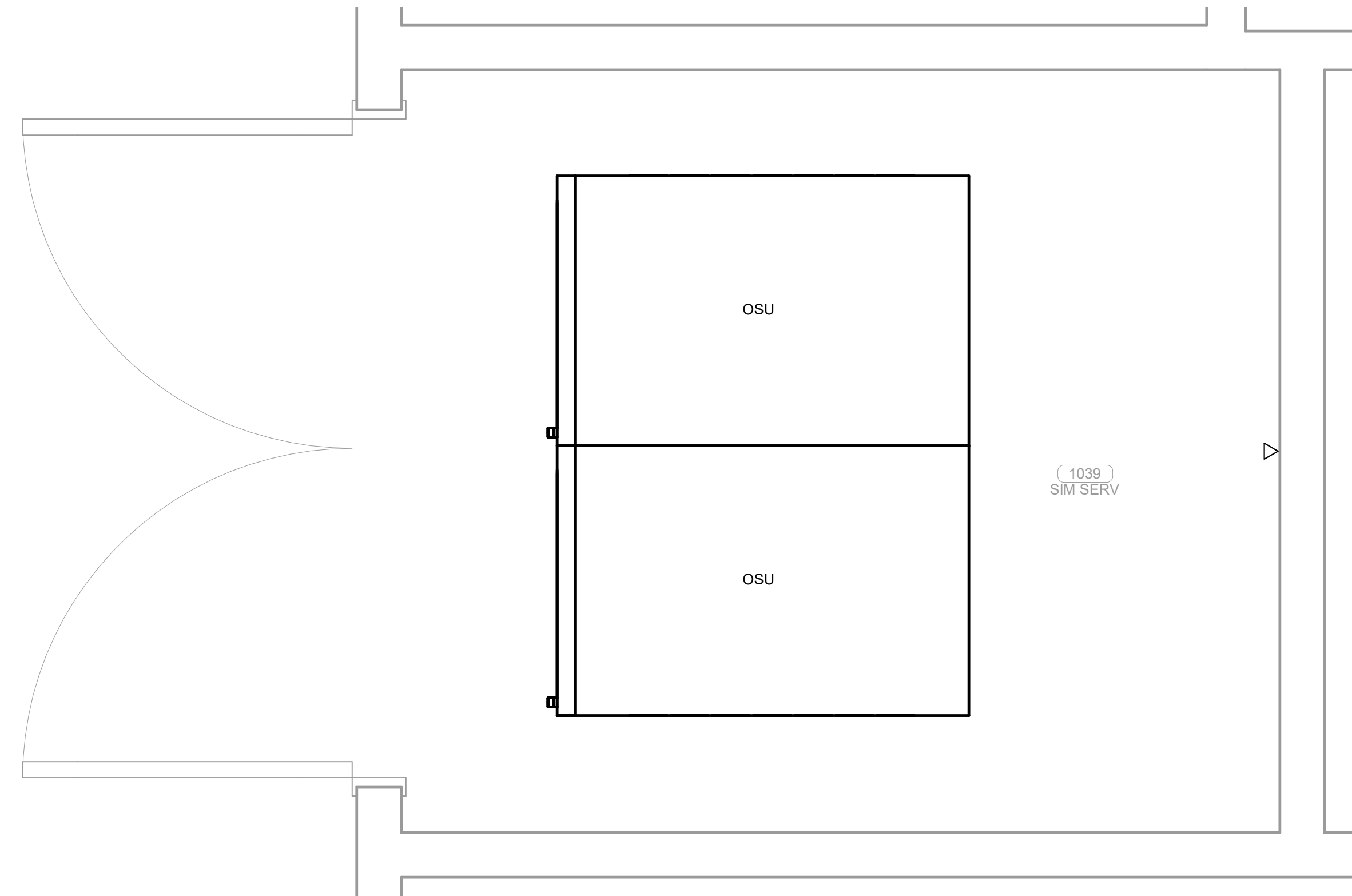
**4 CLINICAL SKILLS MDF 3D**



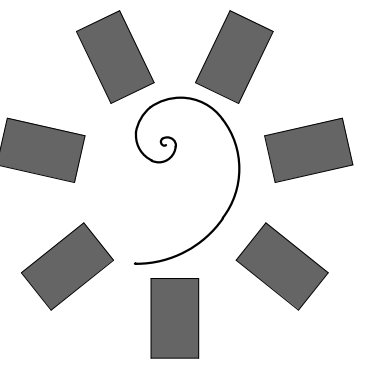
**2 SIMULATION MDF 3D**



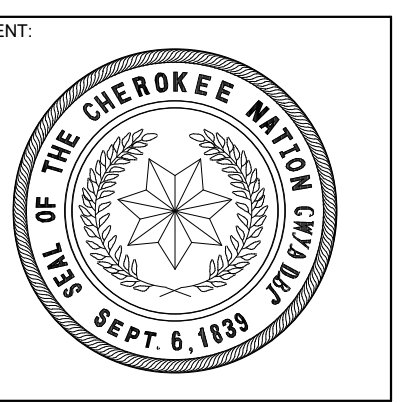
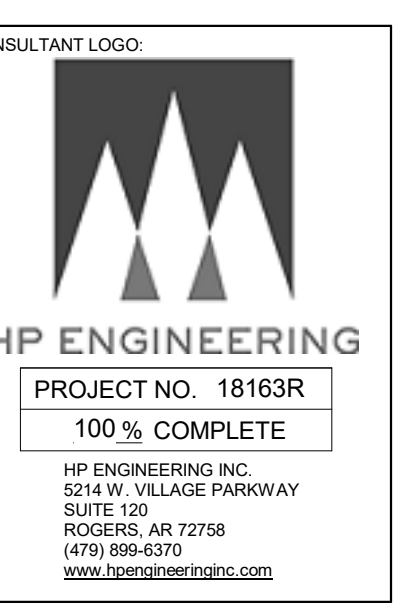
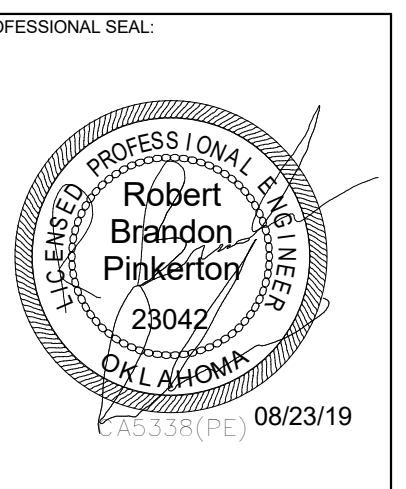
**3 ENLARGED CLINICAL SKILLS MDF ROOM**  
1" = 1'-0"



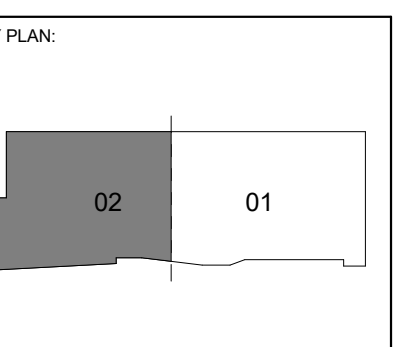
**1 ENLARGED SIMULATION MDF ROOM**  
1" = 1'-0"



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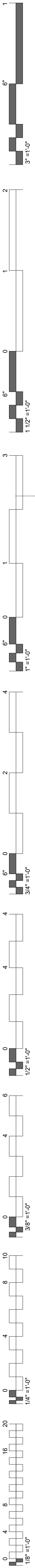
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**E1.22**

ENLARGED SIMULATION &  
CLINICAL SKILLS ROOMS



KEYNOTES	
26.18	E.C. TO PROVIDE DIRECT CONNECTION TO SUMP CONTROLLER. COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PROVIDE ALL NECESSARY CONNECTIONS AND CONDUIT FOR POWER AND CONTROLS TO SUMP PUMP.
26.31	DISCONNECT FOR ELEVATOR 1. DISCONNECT TO BE 30A RATED WITH 25A FUSES. REFER TO ELEVATOR MANUFACTURER FOR EXACT MOUNTING LOCATIONS OF CONTROL PANELS AND ELECTRICAL REQUIREMENTS.
26.32	DISCONNECT FOR ELEVATOR 2. DISCONNECT TO BE 30A RATED WITH 15A FUSES. REFER TO ELEVATOR MANUFACTURER FOR EXACT MOUNTING LOCATIONS OF CONTROL PANELS AND ELECTRICAL REQUIREMENTS.

**MECHANICAL POWER PLAN NOTES**

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KEY PLAN

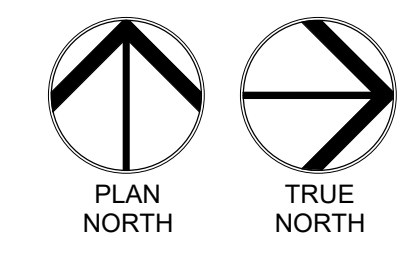
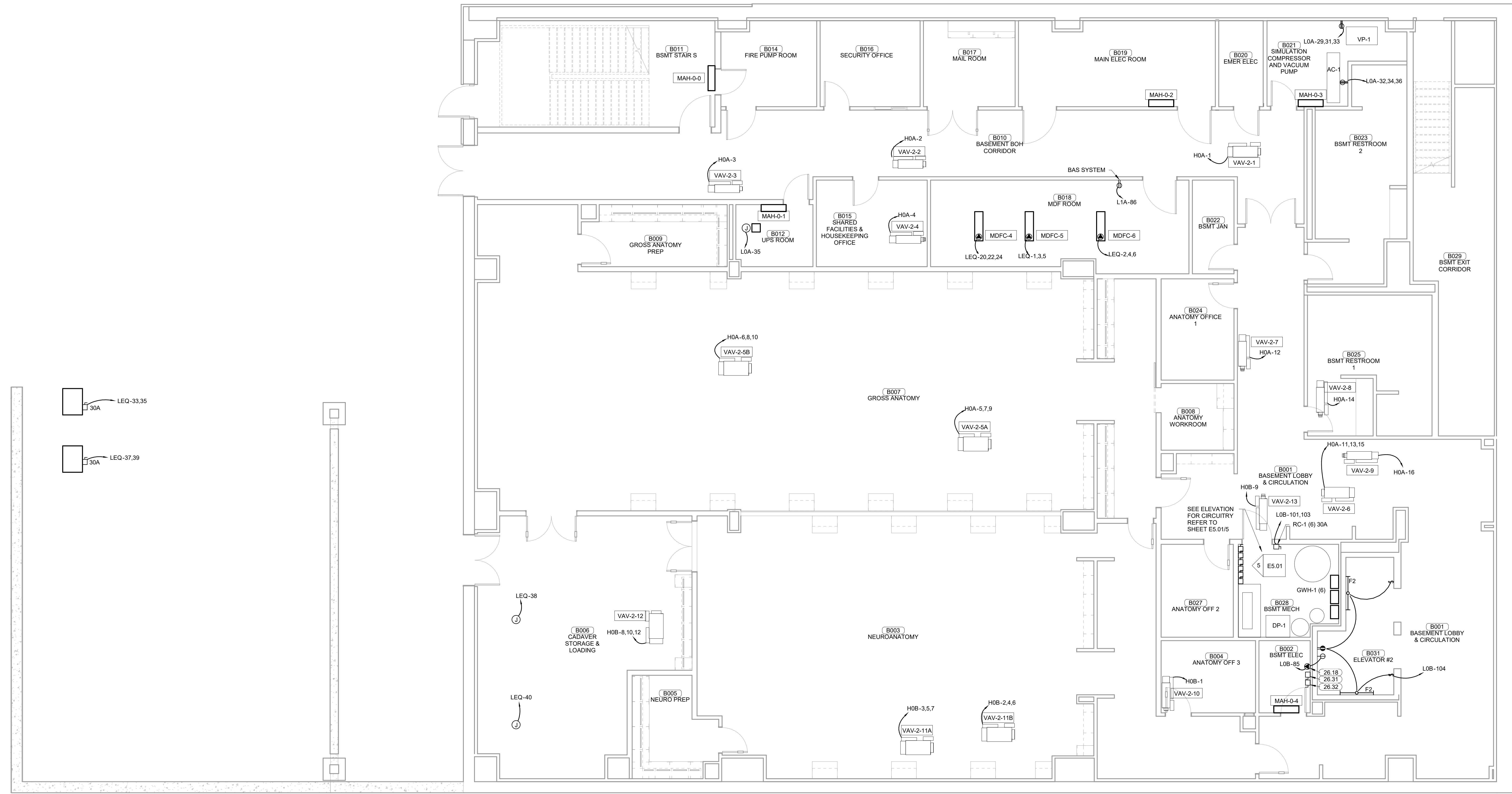
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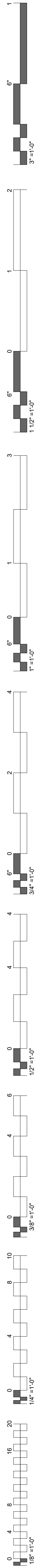
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**E1.23**

MECHANICAL POWER PLAN  
 BASEMENT SECTOR 02

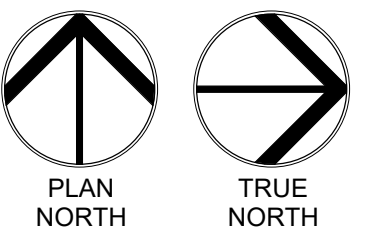
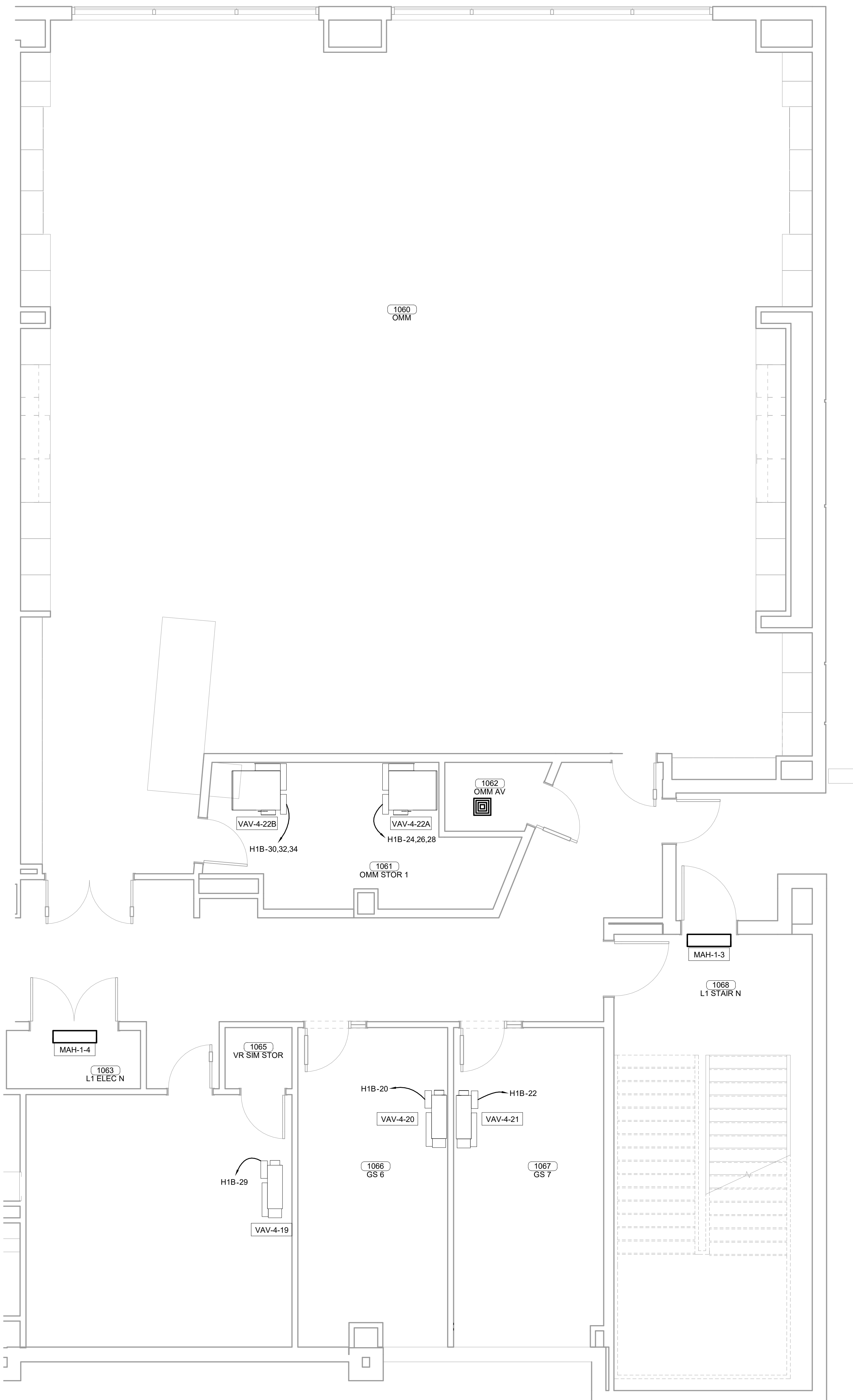


**1 MECHANICAL POWER PLAN BASEMENT SECTOR 02**  
 3/16" = 1'-0"

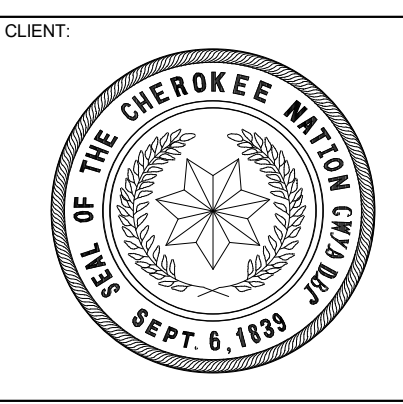
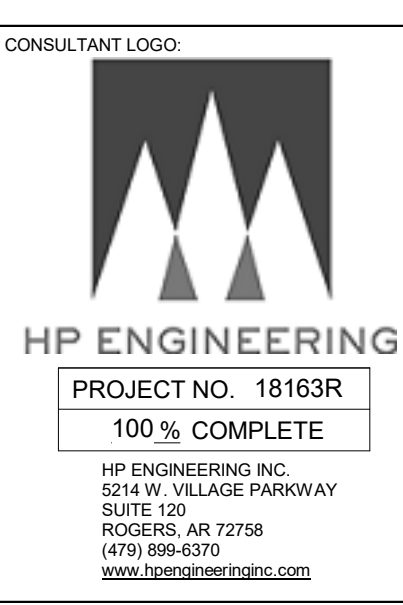
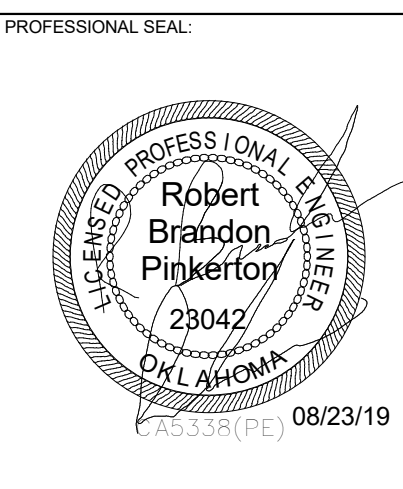
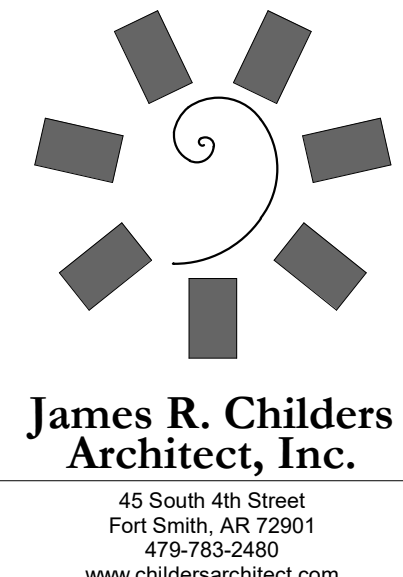


**MECHANICAL POWER PLAN NOTES**

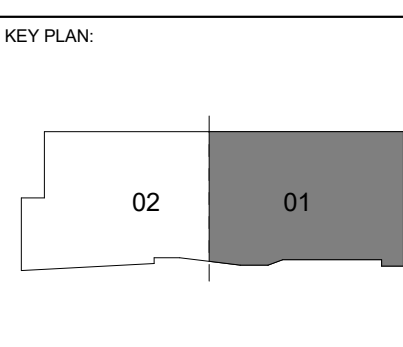
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**1 ENLARGED MECHANICAL POWER PLAN LEVEL 01**  
 1/4" = 1'-0"



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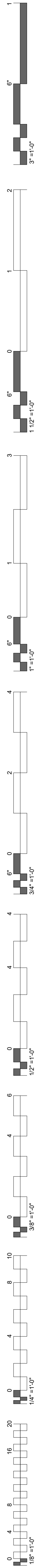
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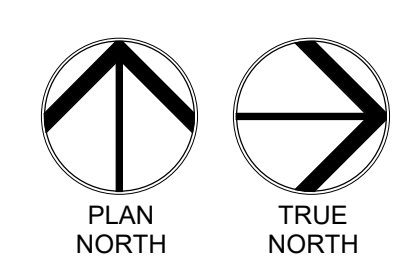
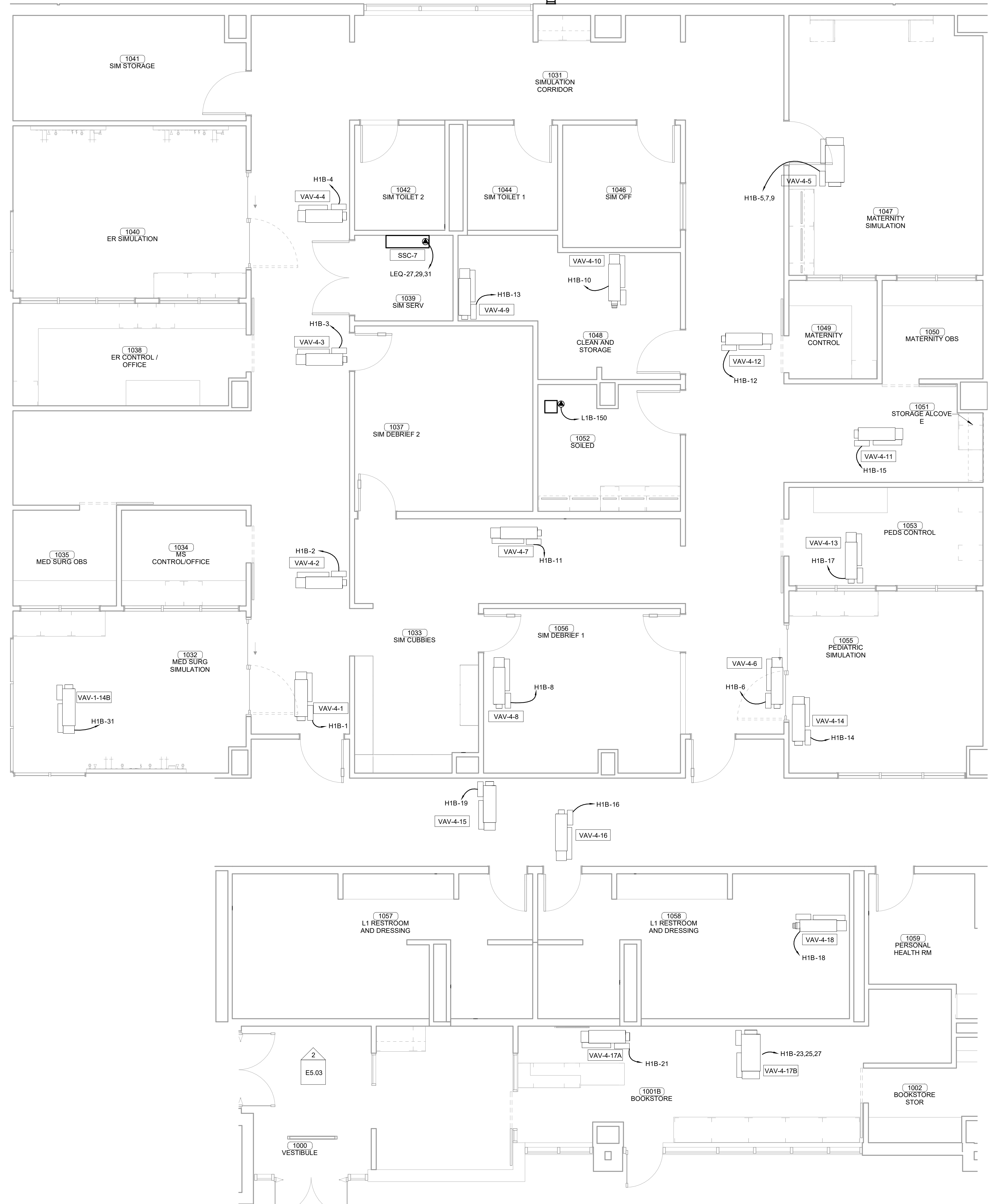
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ENLARGED MECHANICAL POWER PLAN LEVEL 01 SECTOR 01

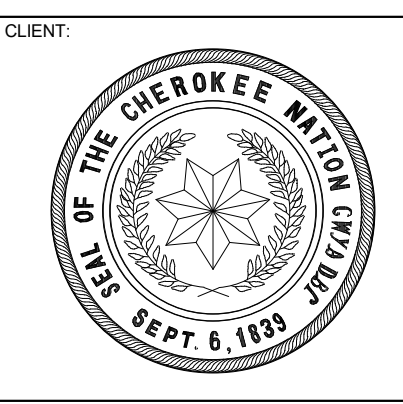
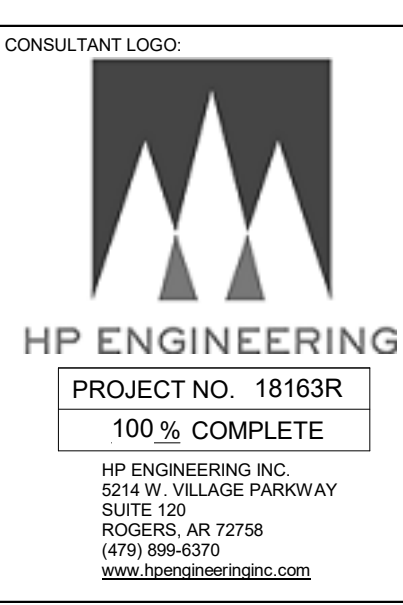
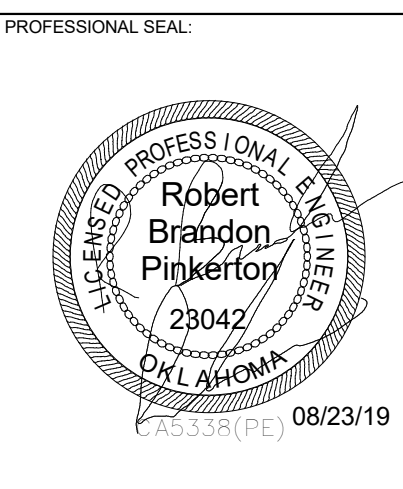
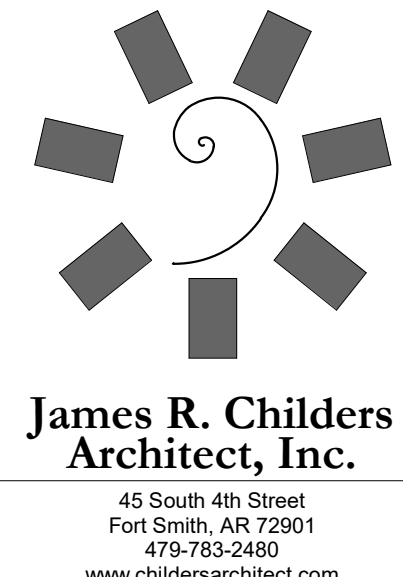


**MECHANICAL POWER PLAN NOTES**

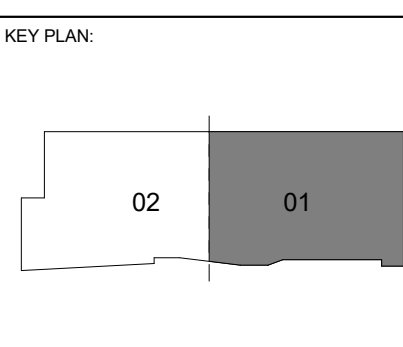
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**ENLARGED MECHANICAL POWER PLAN LEVEL 01**  
**1 SECTOR 01**  
 1/4" = 1'-0"



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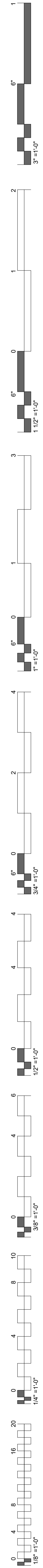
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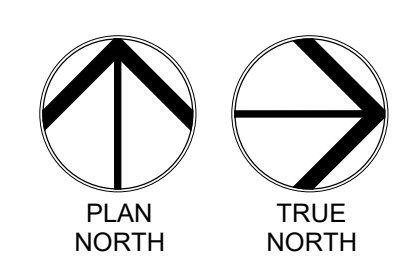
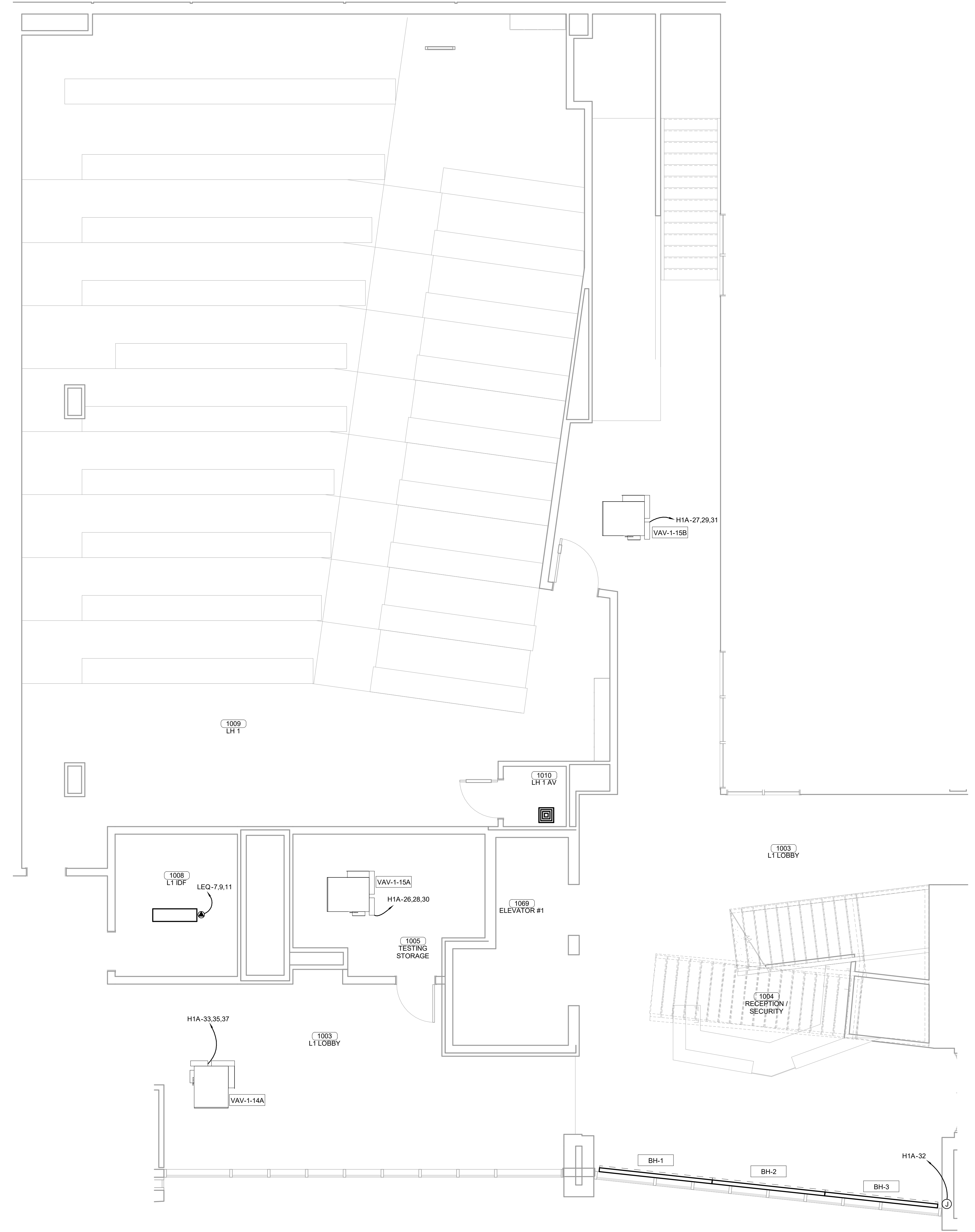
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**E1.25**

ENLARGED MECHANICAL POWER PLAN LEVEL 01 SECTOR 01



**MECHANICAL POWER PLAN NOTES**

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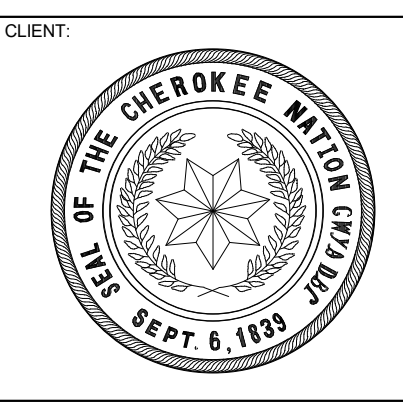


**ENLARGED MECHANICAL POWER PLAN LEVEL 01**  
**1 SECTOR 02**  
 1/4" = 1'-0"

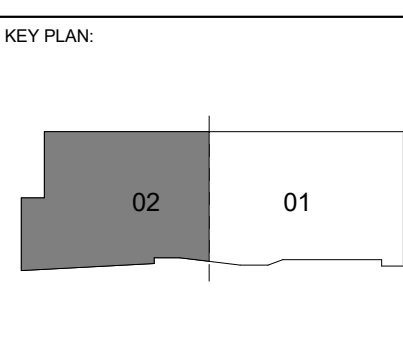
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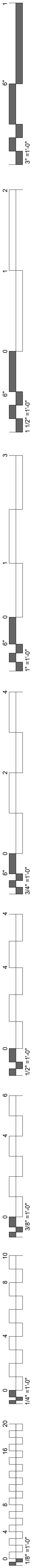
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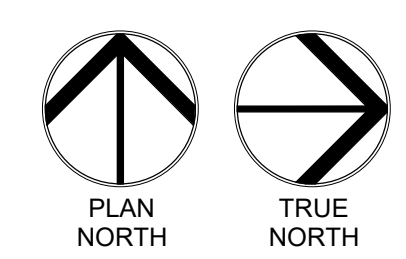
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ENLARGED MECHANICAL POWER PLAN LEVEL 01 SECTOR 02





**MECHANICAL POWER PLAN NOTES**  
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**ENLARGED MECHANICAL POWER PLAN LEVEL 01**  
**1 SECTOR 02**  
 1/4" = 1'-0"

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KEY PLAN:

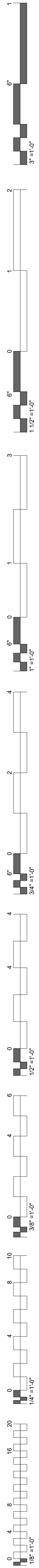
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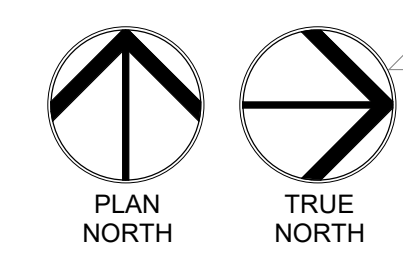
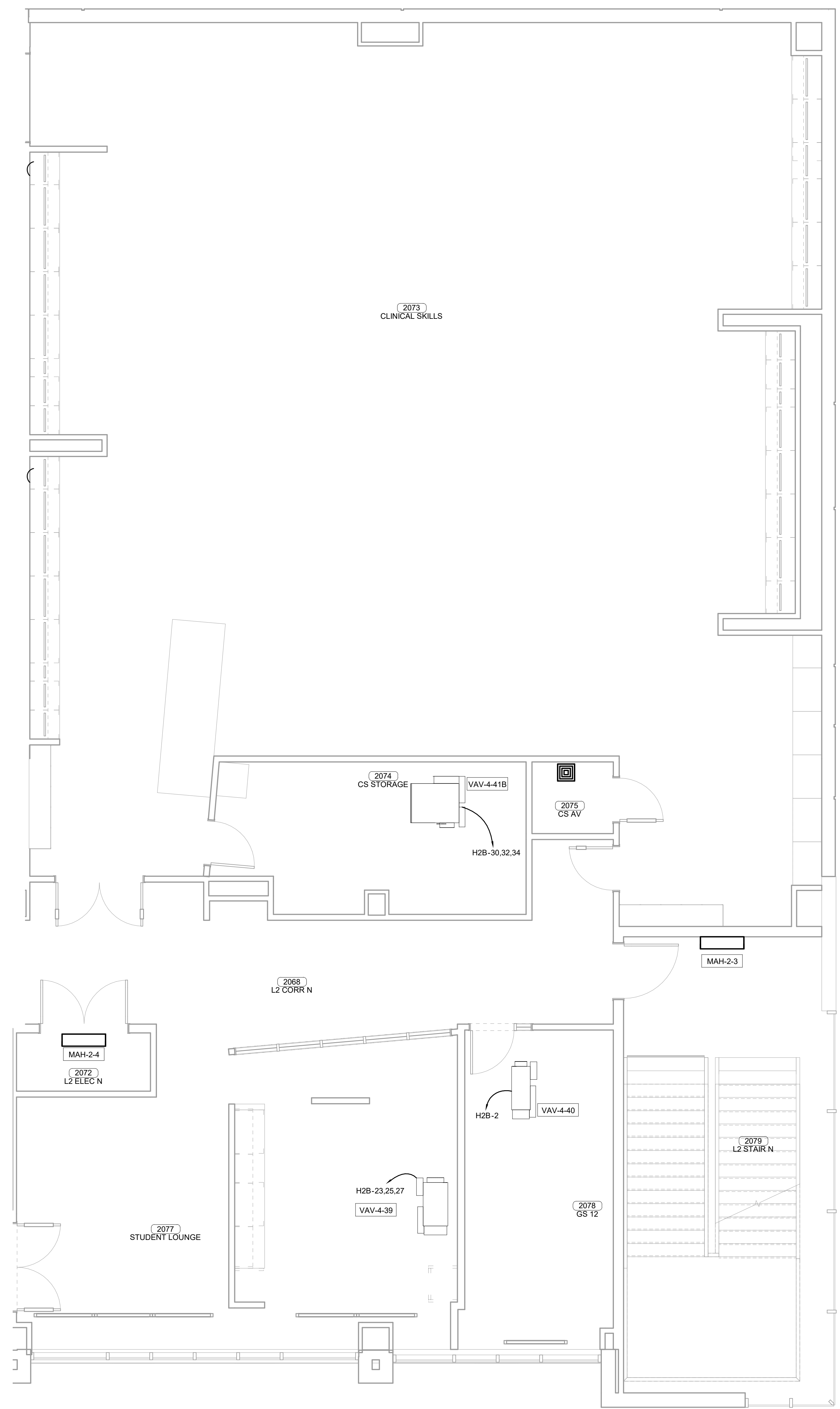
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ENLARGED MECHANICAL POWER PLAN LEVEL 01 SECTOR 02

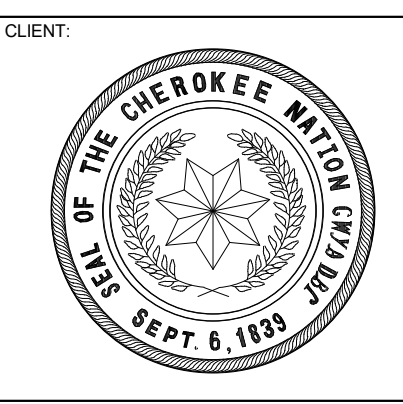
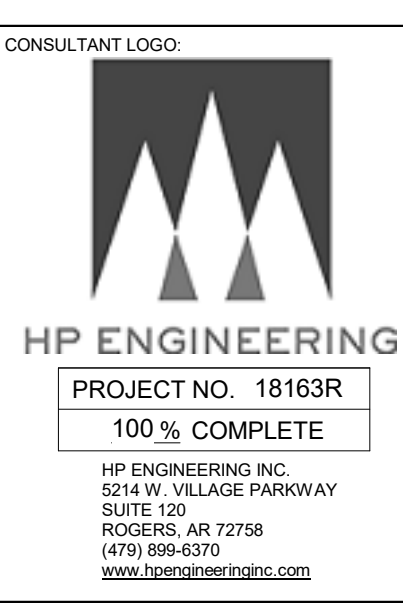
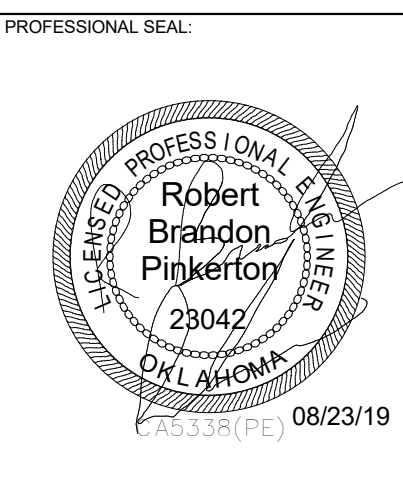
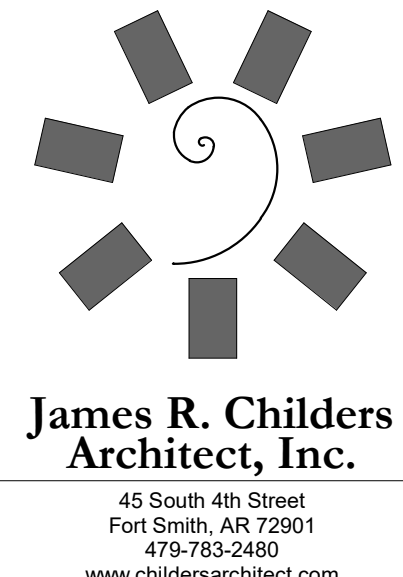


**MECHANICAL POWER PLAN NOTES**

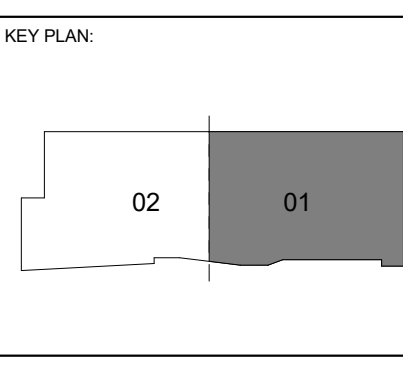
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**ENLARGED MECHANICAL POWER PLAN LEVEL 02**  
**SECTOR 01**  
 1/4" = 1'-0"



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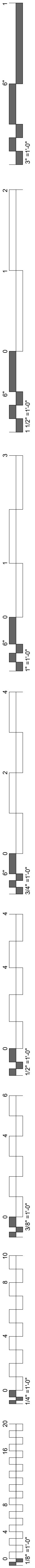
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DATE: 08-23-19      JOB NUMBER: 17-13

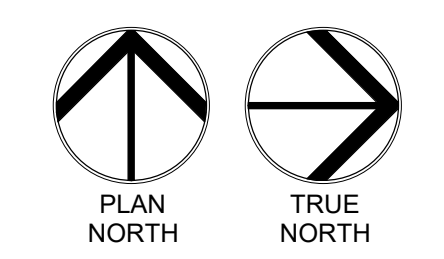
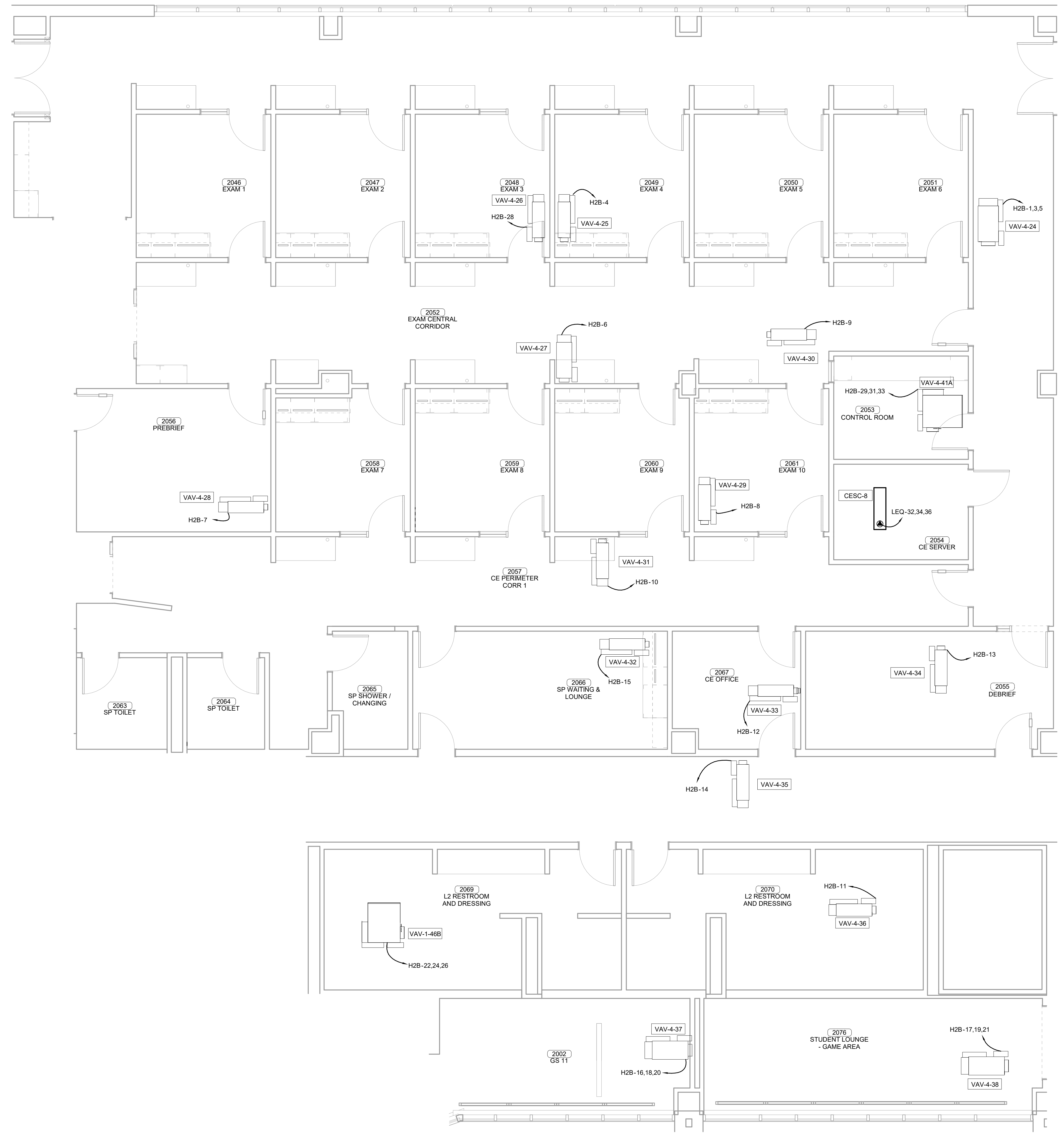
SHEET NUMBER:  
**E1.28**

ENLARGED MECHANICAL POWER PLAN LEVEL 02 SECTOR 01



**MECHANICAL POWER PLAN NOTES**

E.C. SHALL MAKE CONNECTIONS BETWEEN THE OUTDOOR AND INDOOR UNITS OF THE MINI-SPLIT SYSTEM. ROUTE ALL CONDUIT AND WIRING THROUGH CHASES.  
 EXHAUST FANS SHALL BE CIRCUITED WITH LIGHTS UNLESS SHOWN OTHERWISE. REFER TO MECHANICAL PLANS FOR CONTROLS OF EXHAUST FANS.  
 ALL 480V/3PH WSHPS/VAV'S REQUIRE A NEUTRAL CONDUCTOR



**ENLARGED MECHANICAL POWER PLAN LEVEL 02**  
**1 SECTOR 01**  
 1/4" = 1'-0"

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 479-783-2450  
 www.childersarchitect.com

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 AT THE CHEROKEE NATION  
 TAHLEQUAH, OKLAHOMA

KEY PLAN

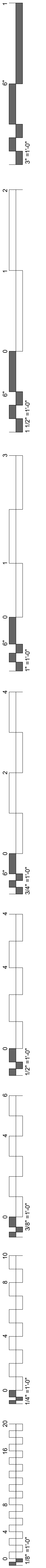
PROJECT PHASE  
 CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

DATE: 08-23-19 JOB NUMBER: 17-13

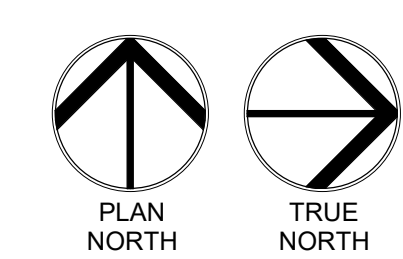
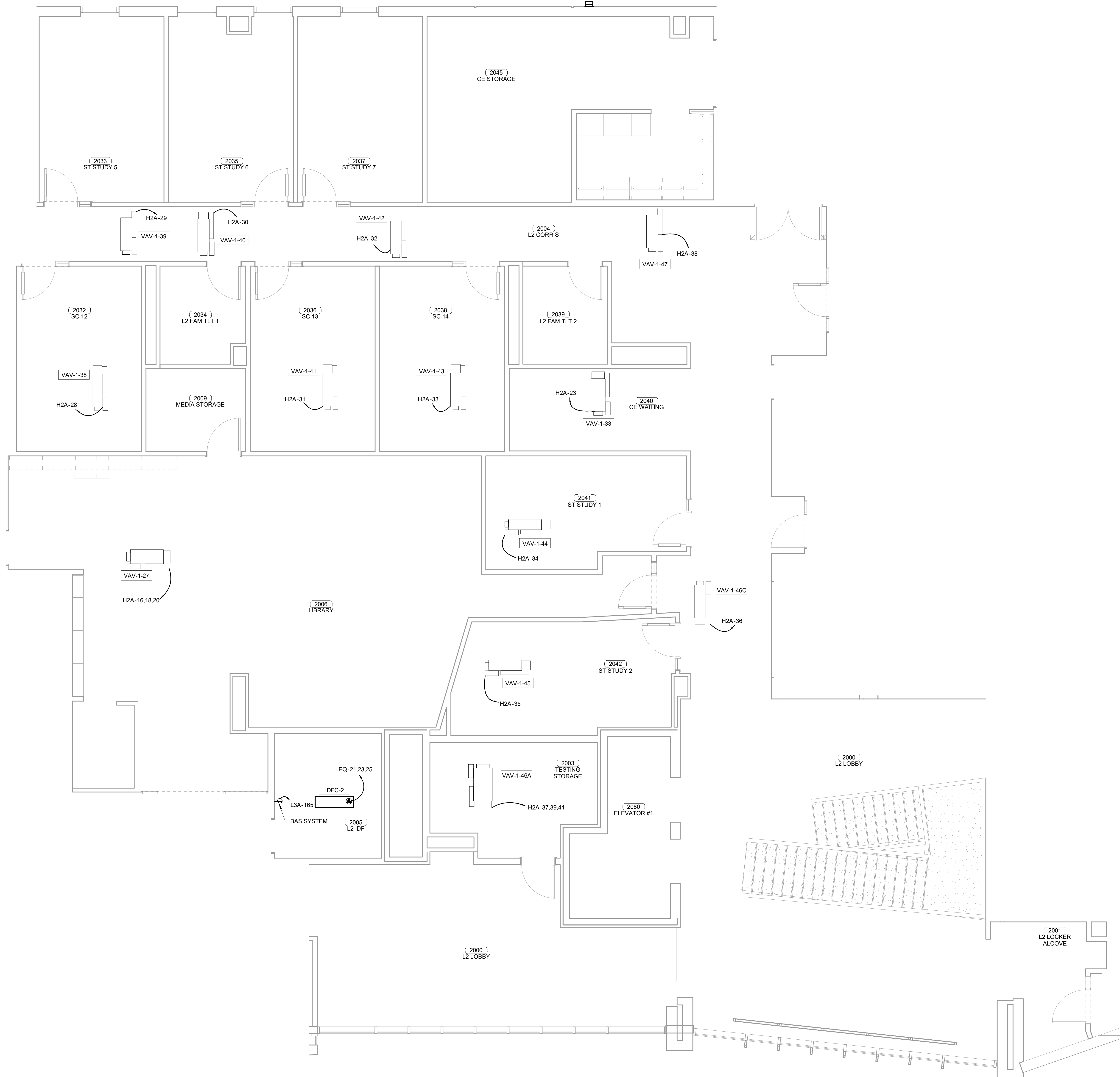
SHEET NUMBER:  
**E1.29**

ENLARGED MECHANICAL POWER PLAN LEVEL 02 SECTOR 01



**MECHANICAL POWER PLAN NOTES**

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 ALL 480V/3PH WSHP S/AV'S REQUIRE A NEUTRAL CONDUCTOR



**ENLARGED MECHANICAL POWER PLAN LEVEL 02**  
**1 SECTOR 02**  
 1/4" = 1'-0"

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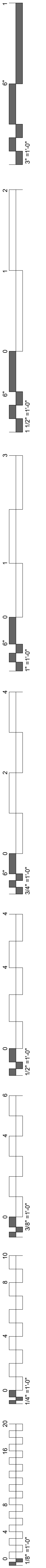
PROJECT PHASE  
 CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

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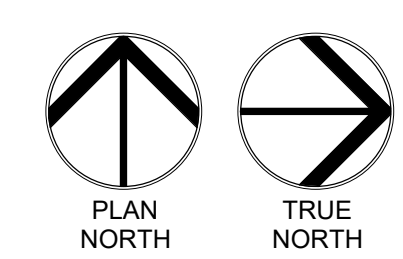
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**E1.30**

ENLARGED MECHANICAL POWER PLAN LEVEL 02 SECTOR 02



**MECHANICAL POWER PLAN NOTES**

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**ENLARGED MECHANICAL POWER PLAN LEVEL 02**  
**1 SECTOR 02**  
 1/4" = 1'-0"

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KEY PLAN

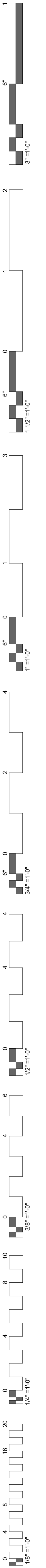
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 CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
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ENLARGED MECHANICAL POWER PLAN LEVEL 02 SECTOR 02



**MECHANICAL POWER PLAN NOTES**

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**ENLARGED MECHANICAL POWER PLAN LEVEL 03**  
**1 SECTOR 01**  
 1/4" = 1'-0"

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PROFESSIONAL SEAL:  
  
 Robert  
Brandon  
Pinkerton  
73042  
Oklahoma  
08/23/19

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 EST. SEPT. 6, 1839

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KEY PLAN:

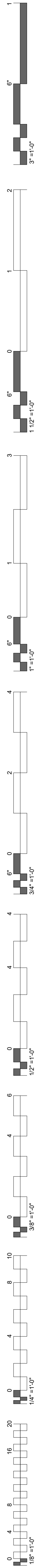
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 CONSTRUCTION DOCUMENTS

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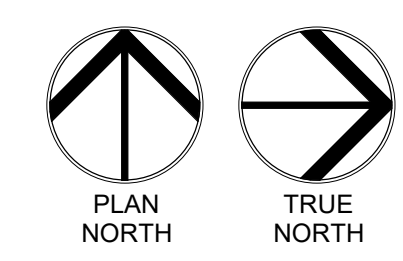
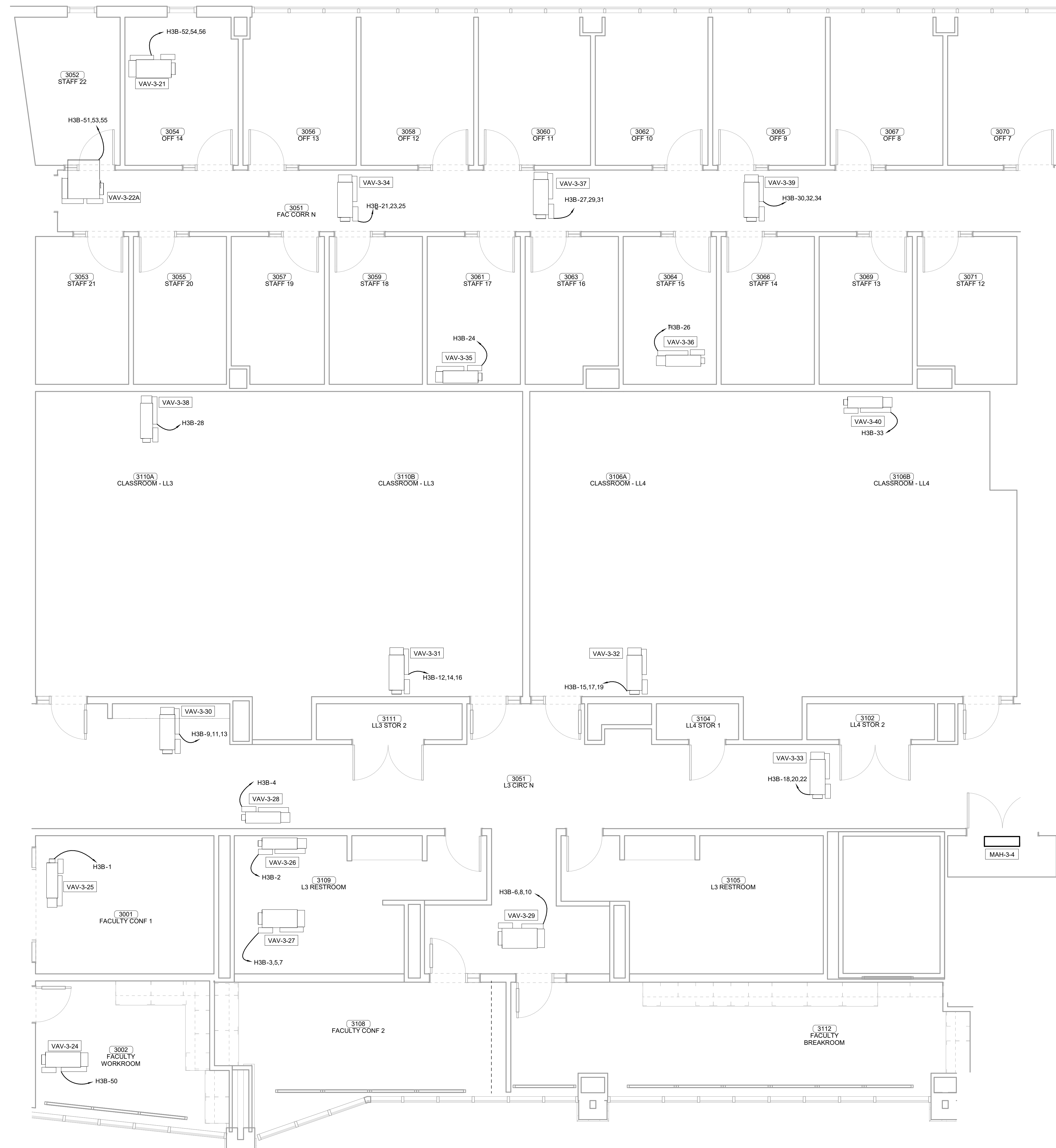
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ENLARGED MECHANICAL POWER PLAN LEVEL 03  
 SECTOR 01



**MECHANICAL POWER PLAN NOTES**

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**ENLARGED MECHANICAL POWER PLAN LEVEL 03**  
**1 SECTOR 01**  
 1/4" = 1'-0"

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KEY PLAN

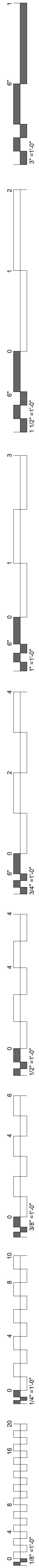
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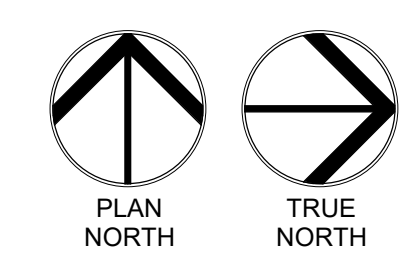
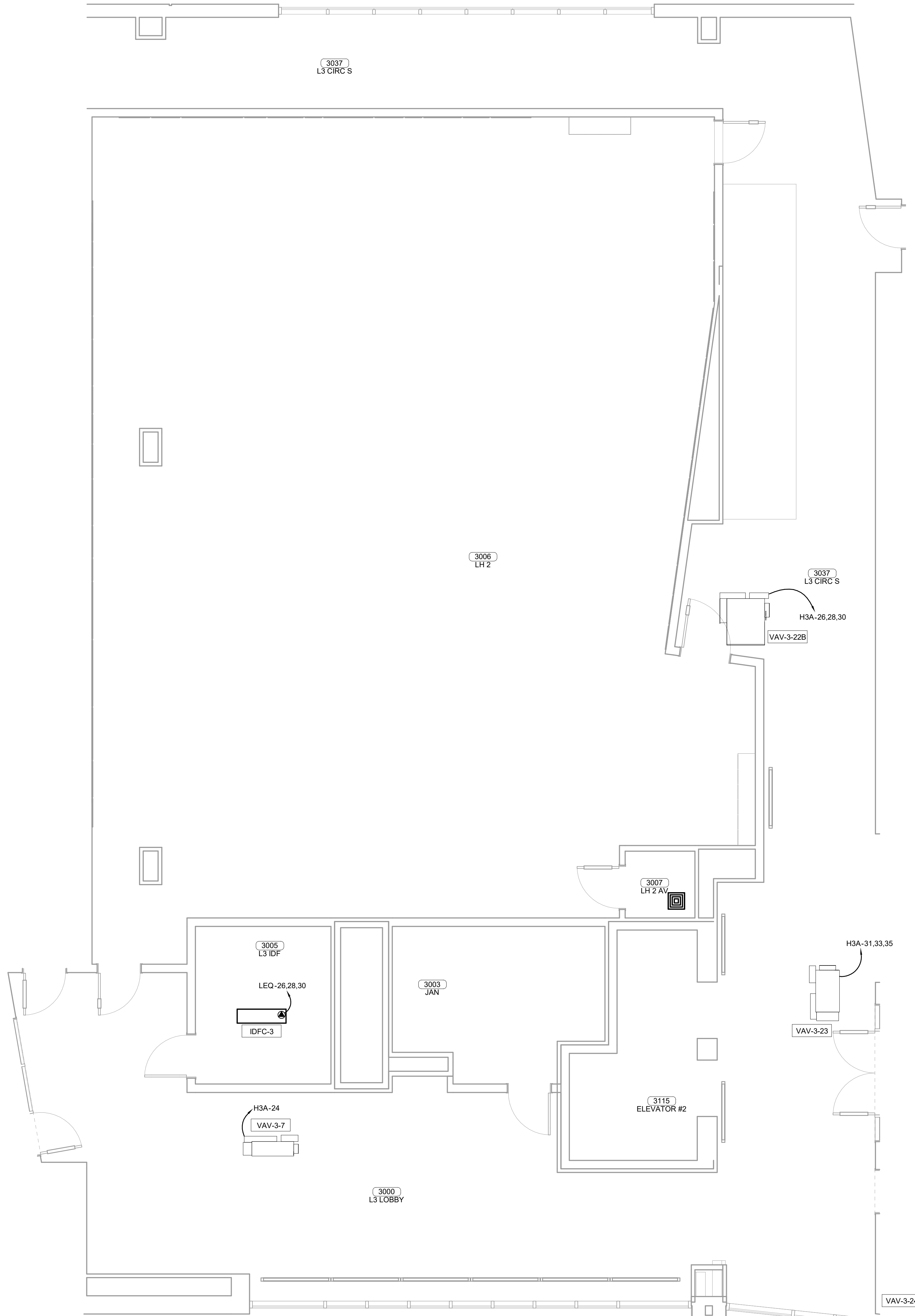
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ENLARGED MECHANICAL POWER PLAN LEVEL 03 SECTOR 01

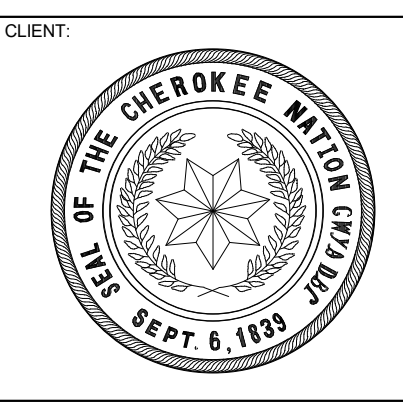
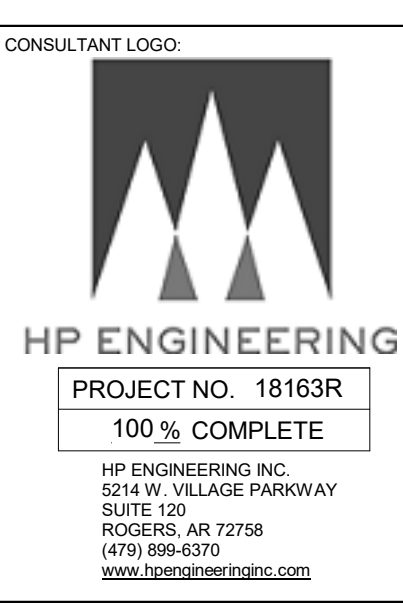
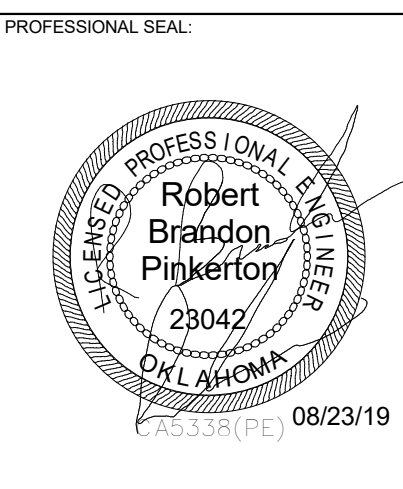
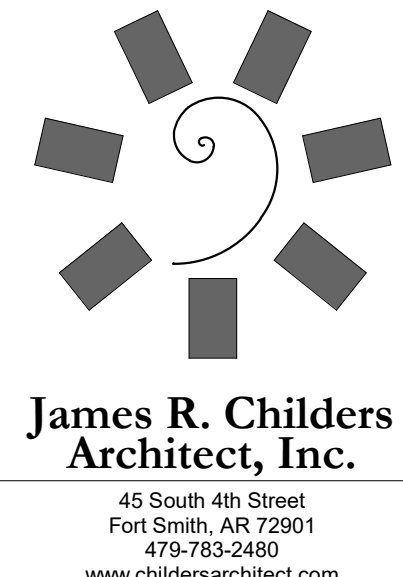


**MECHANICAL POWER PLAN NOTES**

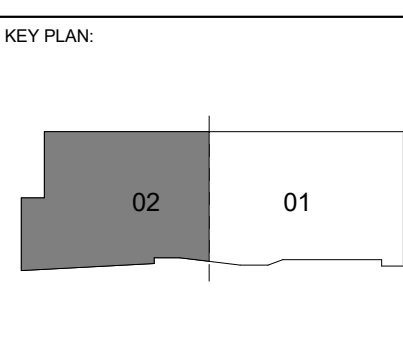
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**1 ENLARGED MECHANICAL POWER PLAN LEVEL 03**  
**SECTOR 02**  
 1/4" = 1'-0"



COLLEGE OF  
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 AT THE CHEROKEE NATION  
 TAHLEQUAH, OKLAHOMA



PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

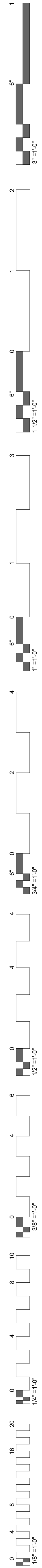
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DATE: 08-23-19      JOB NUMBER: 17-13

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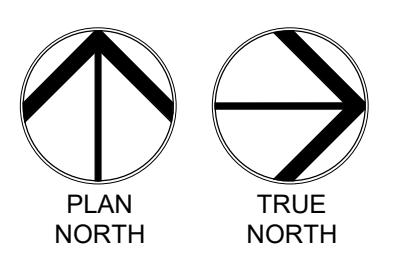
ENLARGED MECHANICAL POWER PLAN LEVEL 03  
 SECTOR 02





**MECHANICAL POWER PLAN NOTES**

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**ENLARGED MECHANICAL POWER PLAN LEVEL 03**  
**1 SECTOR 02**  
 1/4" = 1'-0"

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KEY PLAN

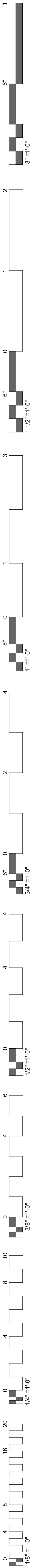
PROJECT PHASE  
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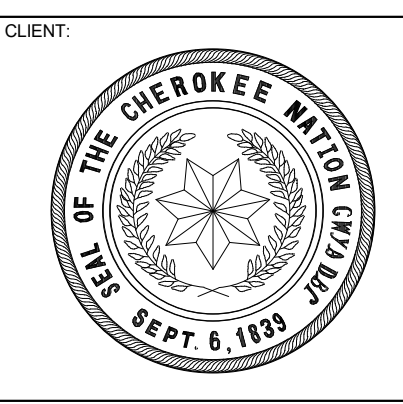
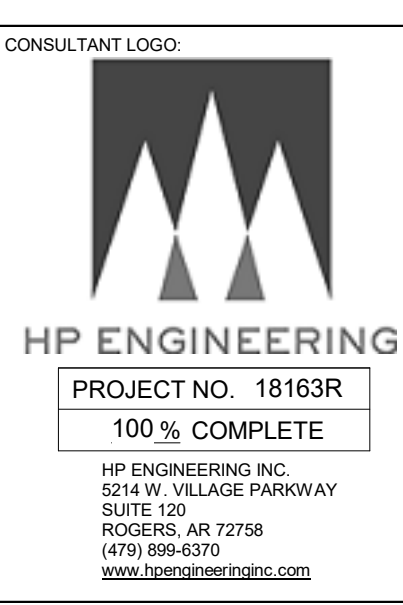
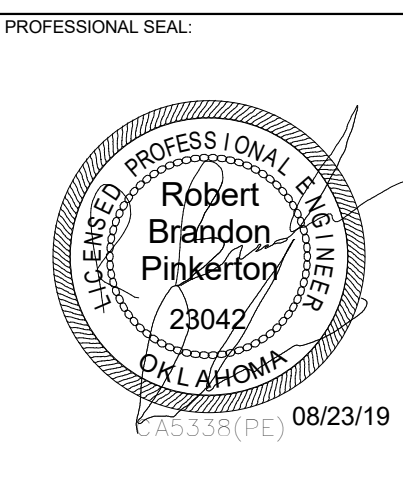
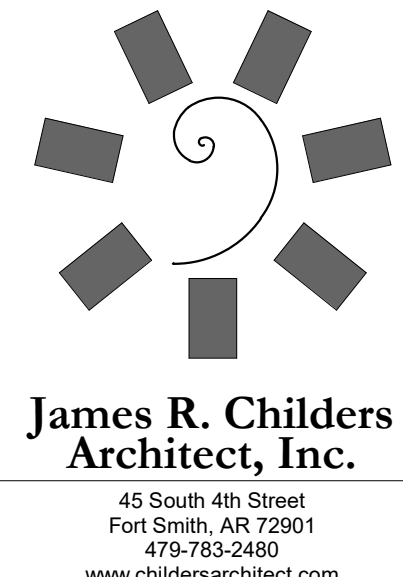
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ENLARGED MECHANICAL POWER PLAN LEVEL 03 SECTOR 02

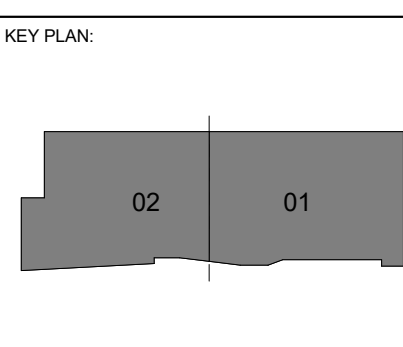


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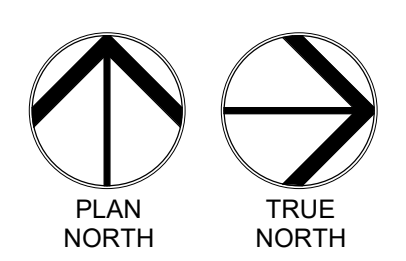
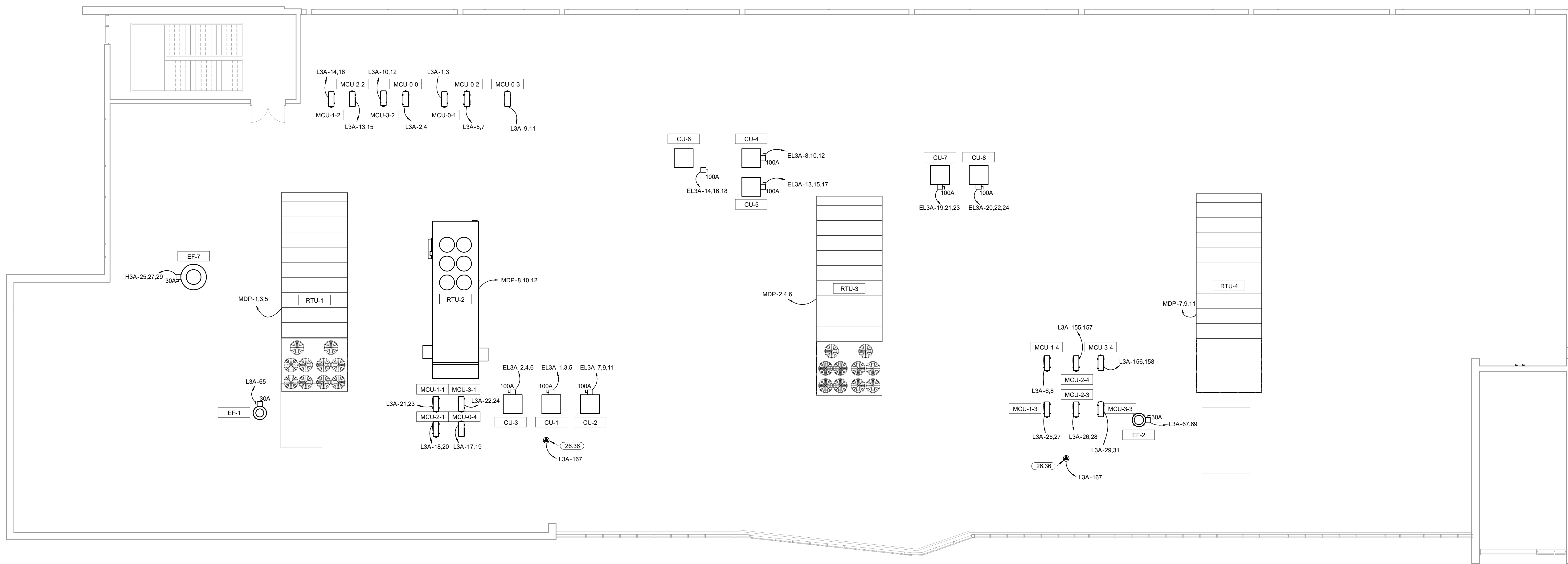
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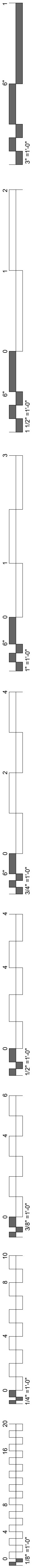
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.36**

OVERALL MECHANICAL POWER PLAN ROOF



**1 OVERALL MECHANICAL POWER PLAN ROOF**  
 1/8" = 1'-0"



**DATA DROP LEGEND**

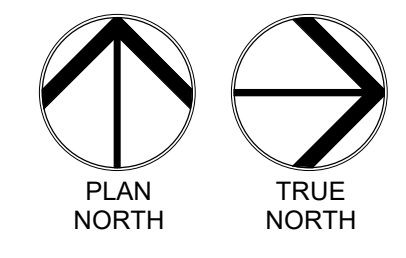
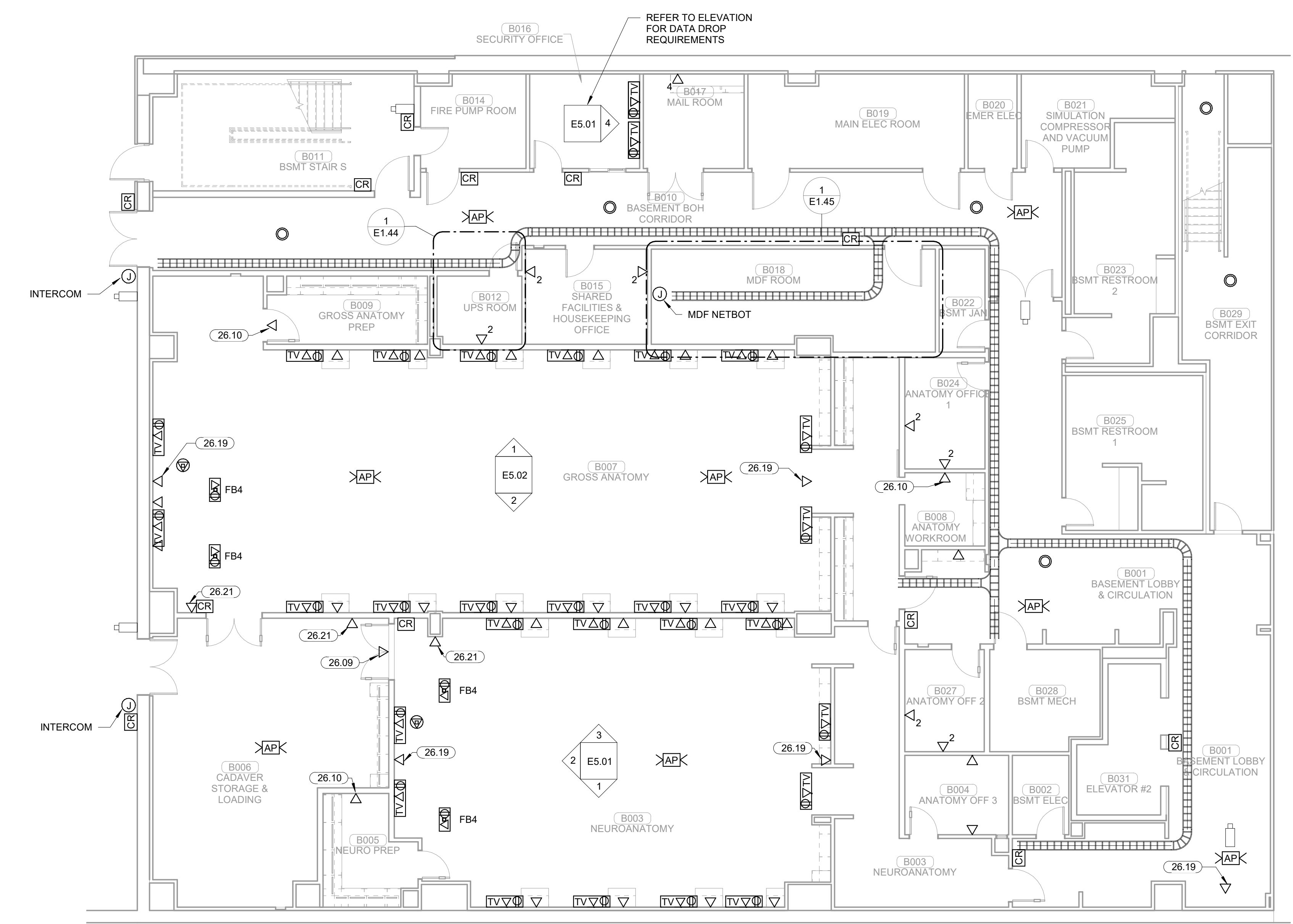
CR	NO DATA DROP REQUIRED.
▽	ONE DATA DROP UNLESS NOTED OTHERWISE ON PLANS.
□	REFER TO FLOOR BOX SCHEDULE FOR DROP REQUIREMENTS
○	ONE DATA DROP.
□	ONE DATA DROP.
○	ONE DATA DROP.
□	TWO DATA DROPS.

REFER TO DRAWINGS FOR QUANTITIES OF DATA DROPS.

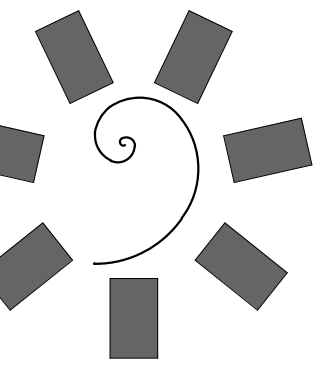
COORDINATE ALL WIRING AND INSTALLTION REQUIREMENTS FOR SECURITY, CAMERAS, AND ACCESS CONTROL WITH CHEROKEE NATION.

COORDINATE ALL WIRING AND INSTALLTION REQUIREMENTS FOR DATAS, ACCESS POINTS, AND OTHER IT EQUIPMENT WITH OSU IT.

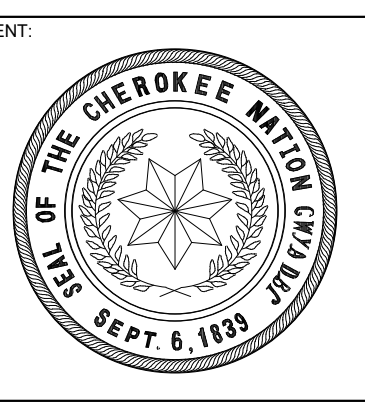
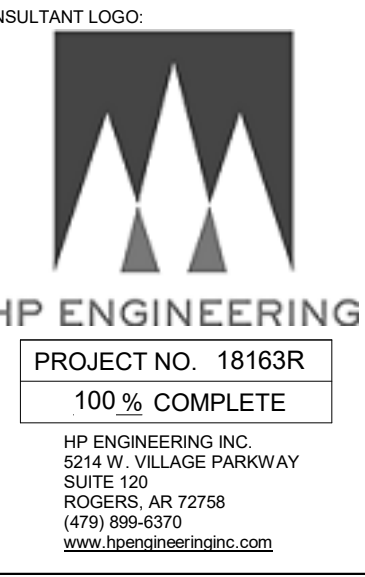
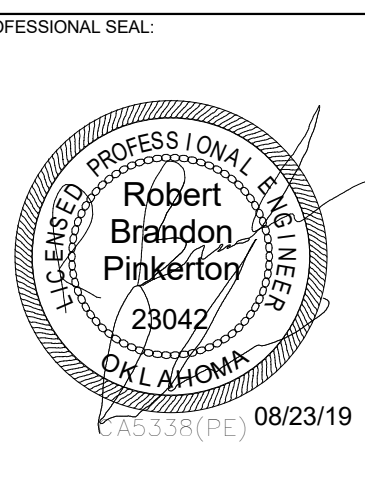
COORDINATE ALL WIRING AND INSTALLTION REQUIREMENTS FOR ALL AV EQUIPMENT WITH AV CONTRACTOR.



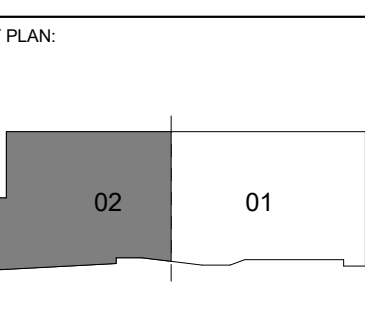
**1 SYSTEMS PLAN BASEMENT LEVEL SECTOR 02**  
1/8" = 1'-0"



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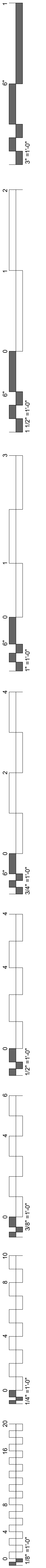
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

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DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.37**

SYSTEMS PLAN BASEMENT LEVEL SECTOR 02



KEYNOTES	
26.09	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +114" A.F.F.
26.10	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +96" A.F.F.
26.21	DATA TO BE MOUNTED 48" A.F.F. FOR WALL PHONE.
26.22	ELECTRICAL CONTRACTOR TO COORDINATE INSTALLATION AND LOCATION WITH MILL WORK CONTRACTOR PRIOR TO ROUGH-IN.

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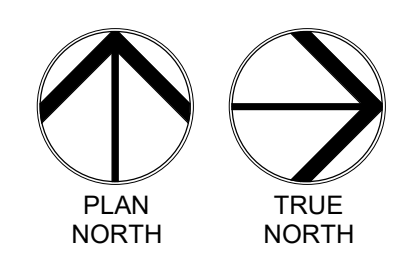
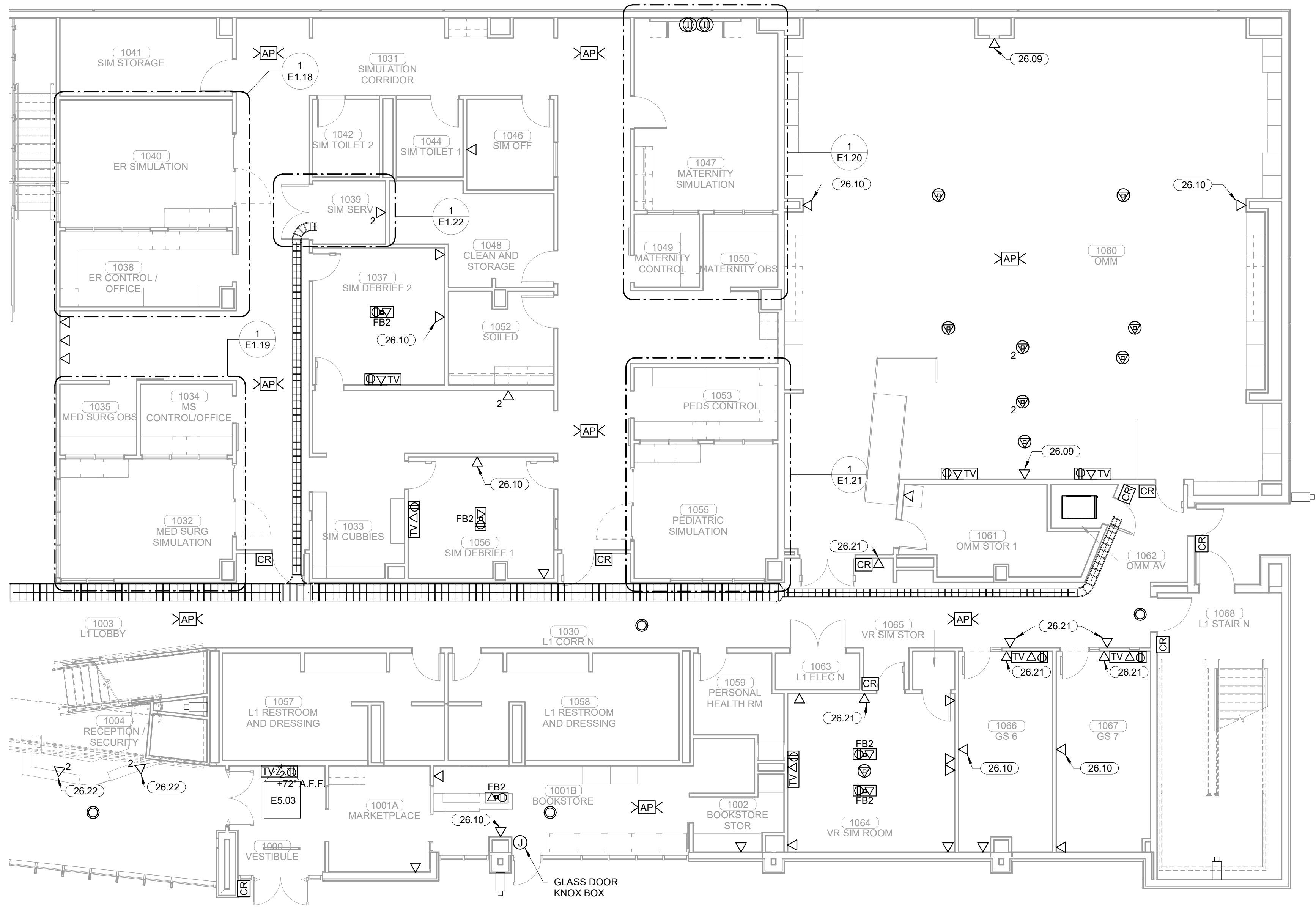
PROJECT PHASE  
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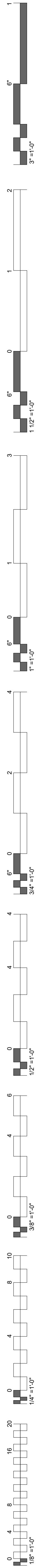
DATE: 08-23-19	JOB NUMBER: 17-13
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SHEET NUMBER:  
**E1.38**

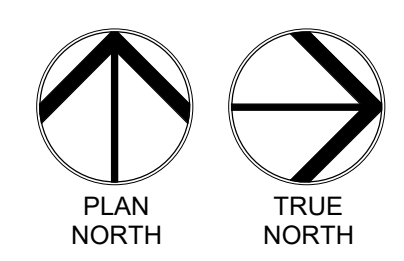
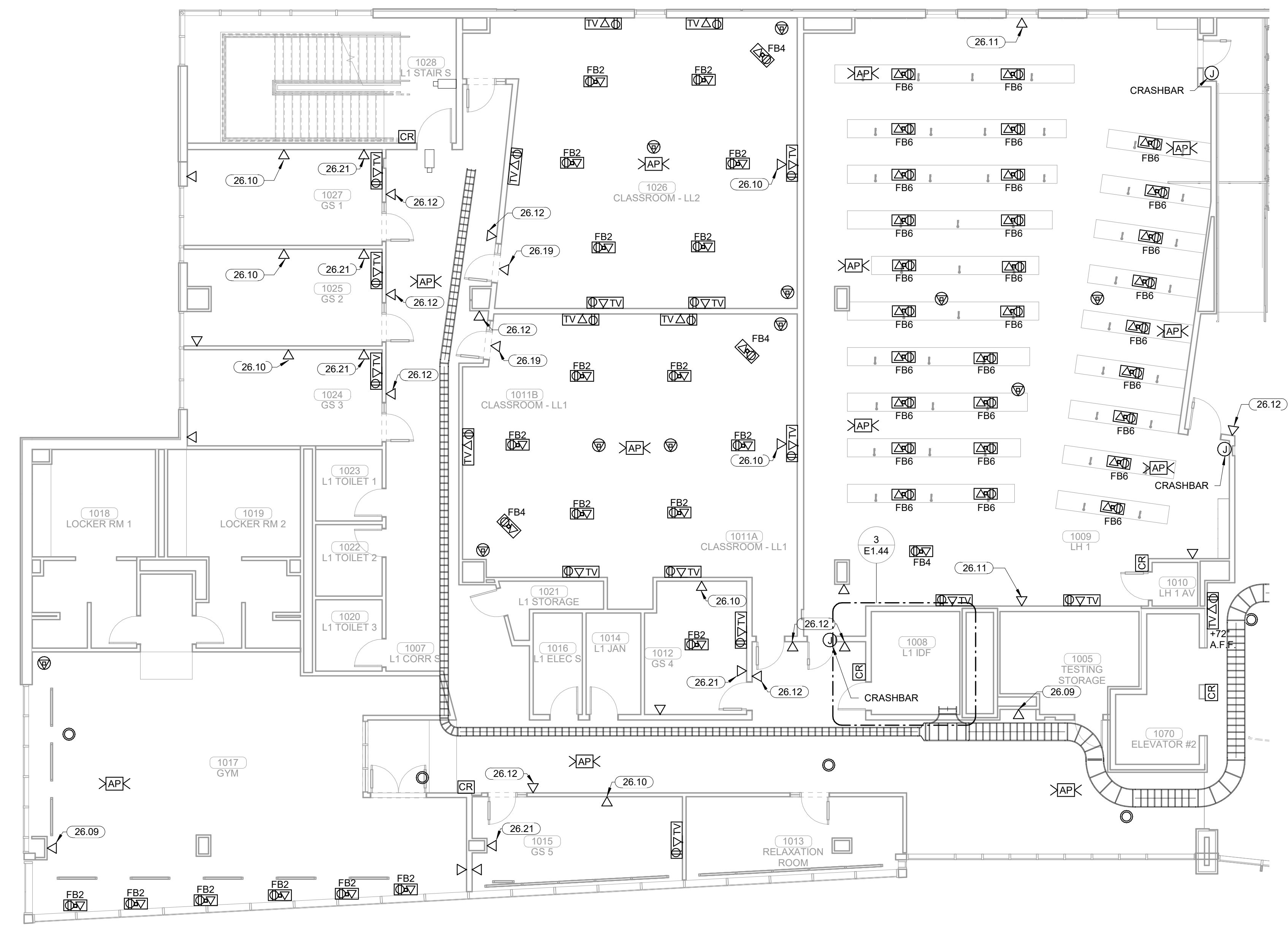
SYSTEMS PLAN LEVEL 01  
SECTOR 01



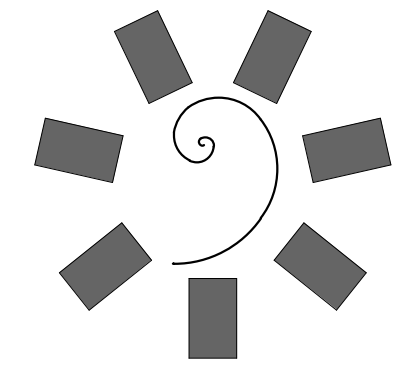
**1 SYSTEMS PLAN LEVEL 01 SECTOR 01**  
1/8" = 1'-0"



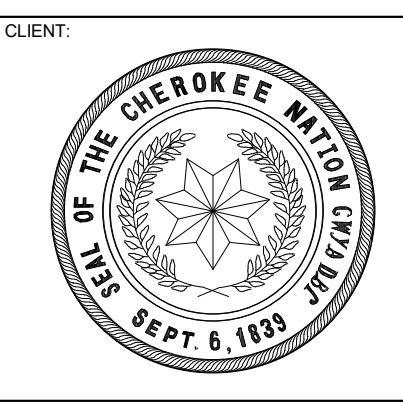
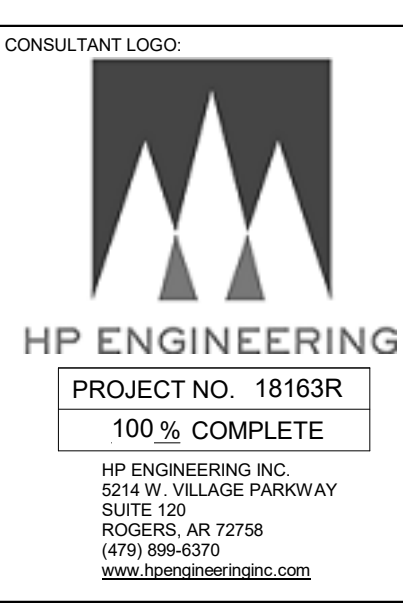
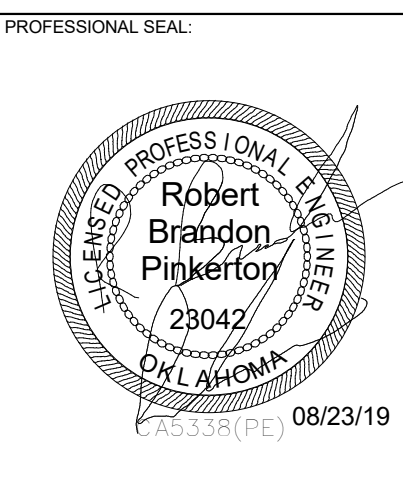
KEYNOTES	
26.09	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +114" A.F.F.
26.10	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +96" A.F.F.
26.11	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +120" A.F.F.
26.12	DATA FOR SCHEDULING SYSTEM TO BE MOUNTED AT +48" A.F.F.
26.19	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +108" A.F.F.
26.21	DATA TO BE MOUNTED 48" A.F.F. FOR WALL PHONE.



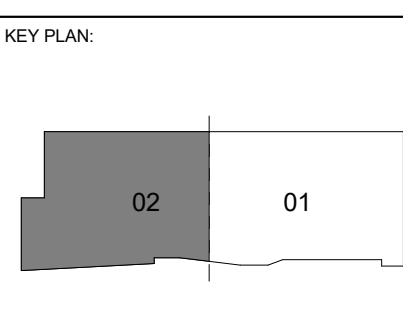
**1 SYSTEMS PLAN LEVEL 01 SECTOR 02**  
1/8" = 1'-0"



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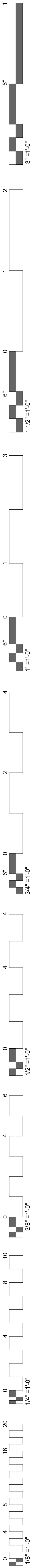
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS DESCRIPTION

DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.39**

SYSTEMS PLAN LEVEL 01  
SECTOR 02



KEYNOTES	
26.09	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +114" A.F.F.
26.10	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +96" A.F.F.
26.11	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +120" A.F.F.
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08/23/19

CONSULTANT LOGO

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KEY PLAN

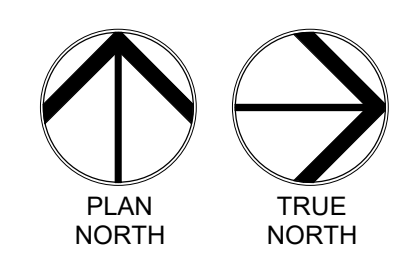
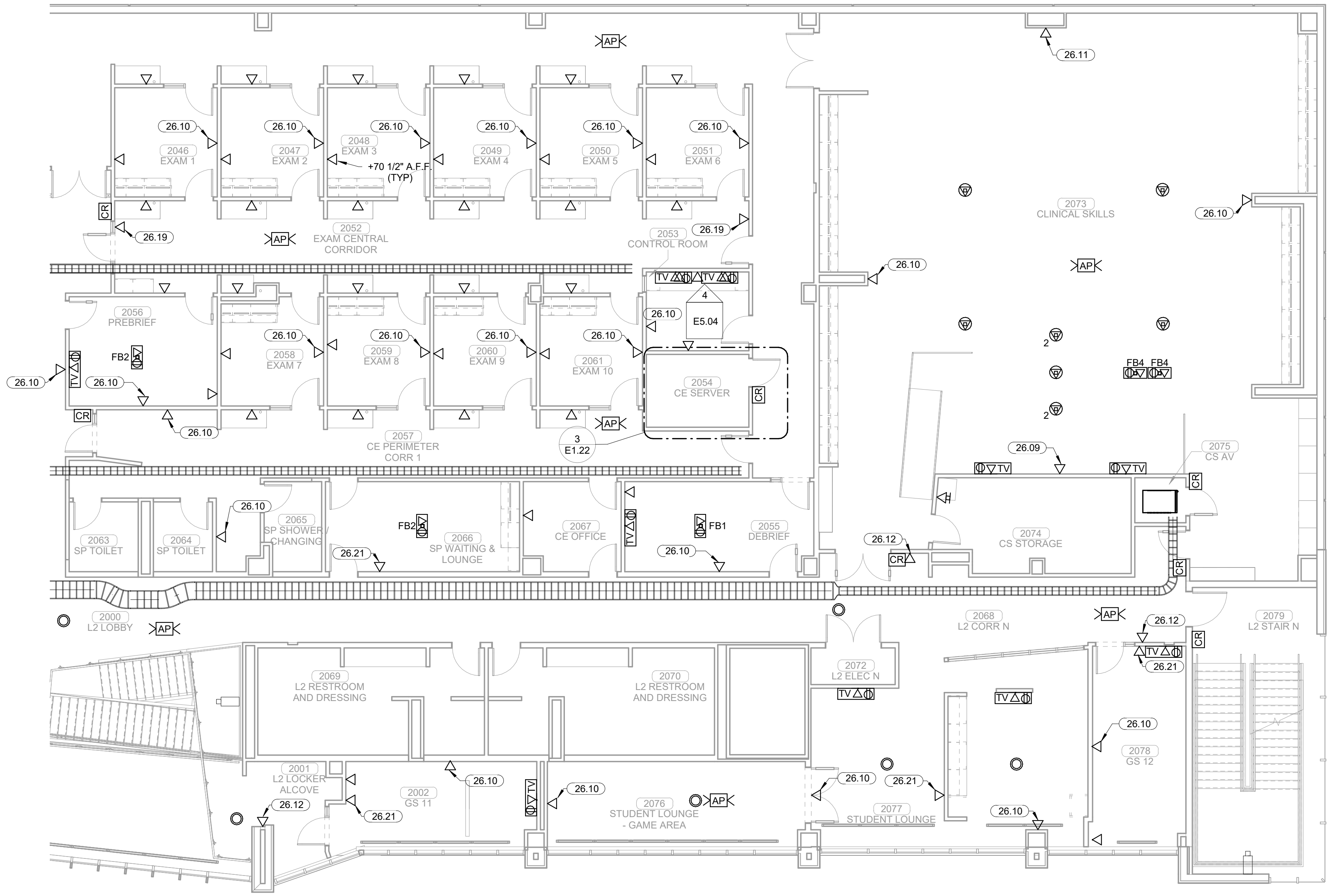
PROJECT PHASE  
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

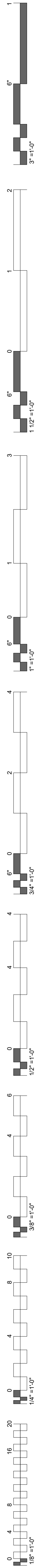
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SHEET NUMBER:  
**E1.40**

SYSTEMS PLAN LEVEL 02  
SECTOR 01



**1 SYSTEMS PLAN LEVEL 02 SECTOR 01**  
1/8" = 1'-0"



KEYNOTES	
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26.12	DATA FOR SCHEDULING SYSTEM TO BE MOUNTED AT +48" A.F.F.
26.19	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +108" A.F.F.
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KEY PLAN:

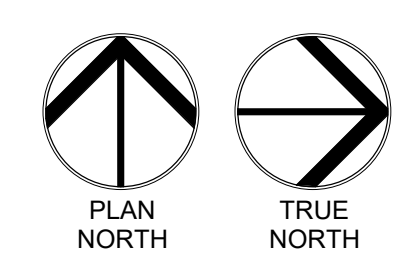
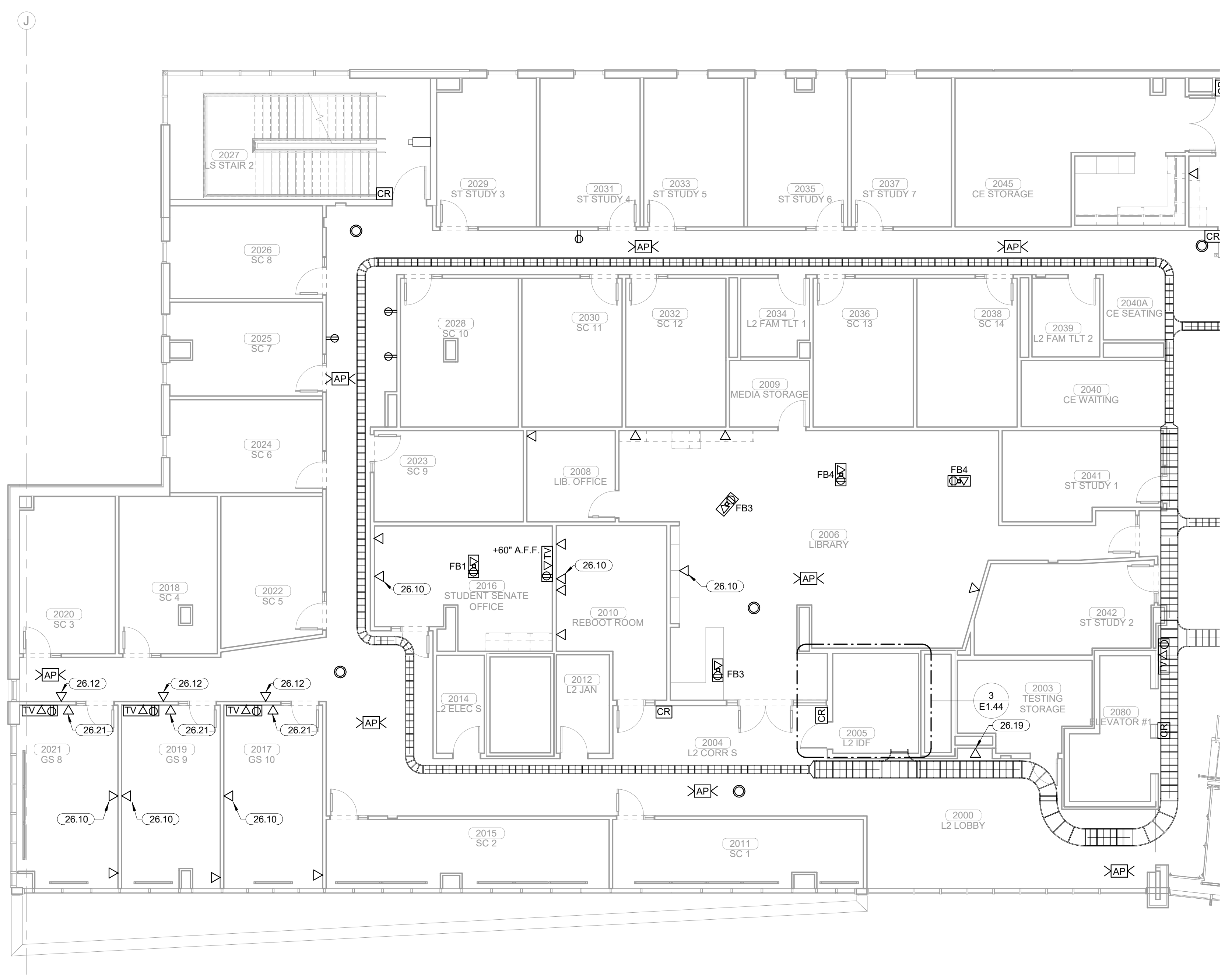
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 CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

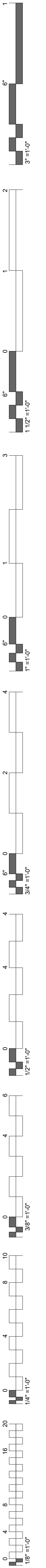
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SHEET NUMBER:  
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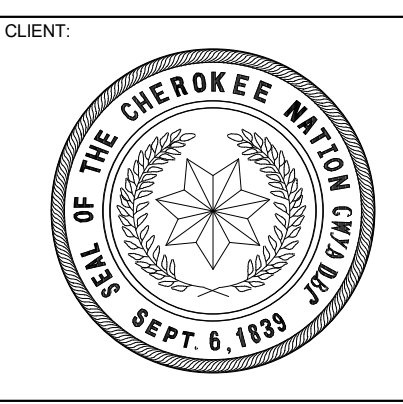
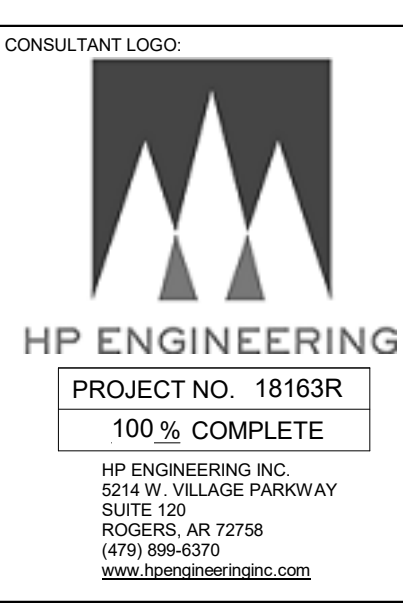
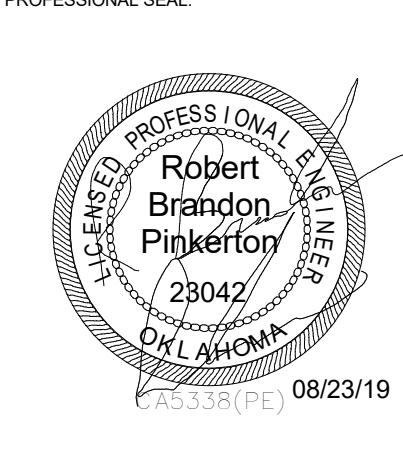
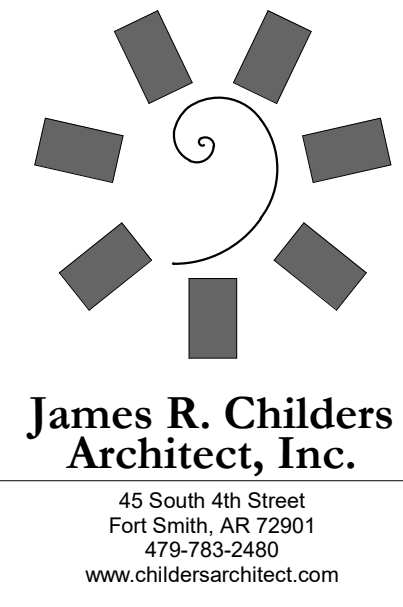
SYSTEMS PLAN LEVEL 02  
 SECTOR 02



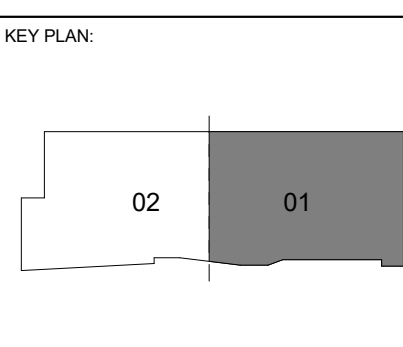
**1 SYSTEMS PLAN LEVEL 02 SECTOR 02**  
 1/8" = 1'-0"



KEYNOTES	
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26.10	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +96" A.F.F.
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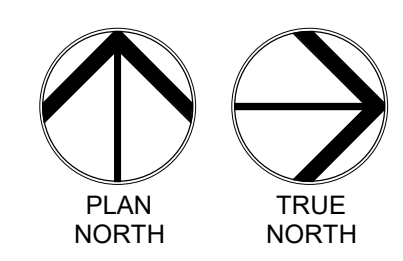
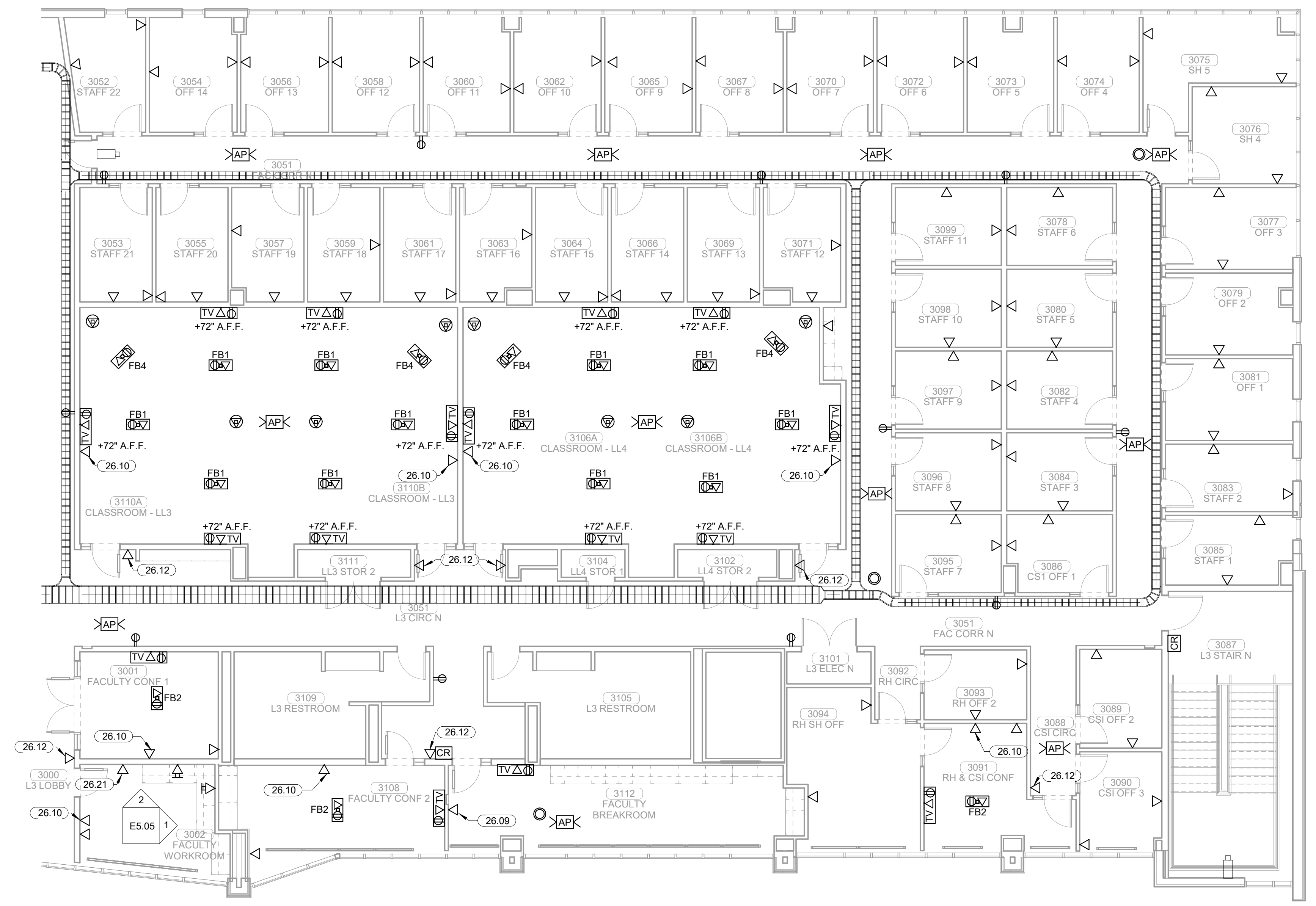
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS	DESCRIPTION

DATE: 08-23-19      JOB NUMBER: 17-13

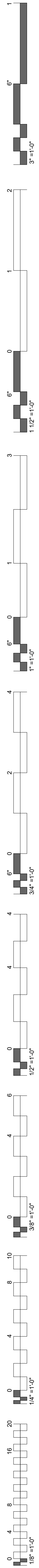
SHEET NUMBER:  
**E1.42**

SYSTEMS PLAN LEVEL 03  
SECTOR 01



**1 SYSTEMS PLAN LEVEL 03 SECTOR 01**  
1/8" = 1'-0"





KEYNOTES	
26.10	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +96" A.F.F.
26.11	DATA FOR SLAVE CLOCK TO BE MOUNTED AT +120" A.F.F.
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KEY PLAN

PROJECT PHASE

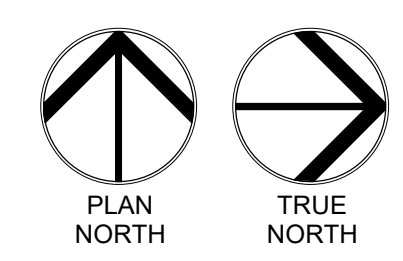
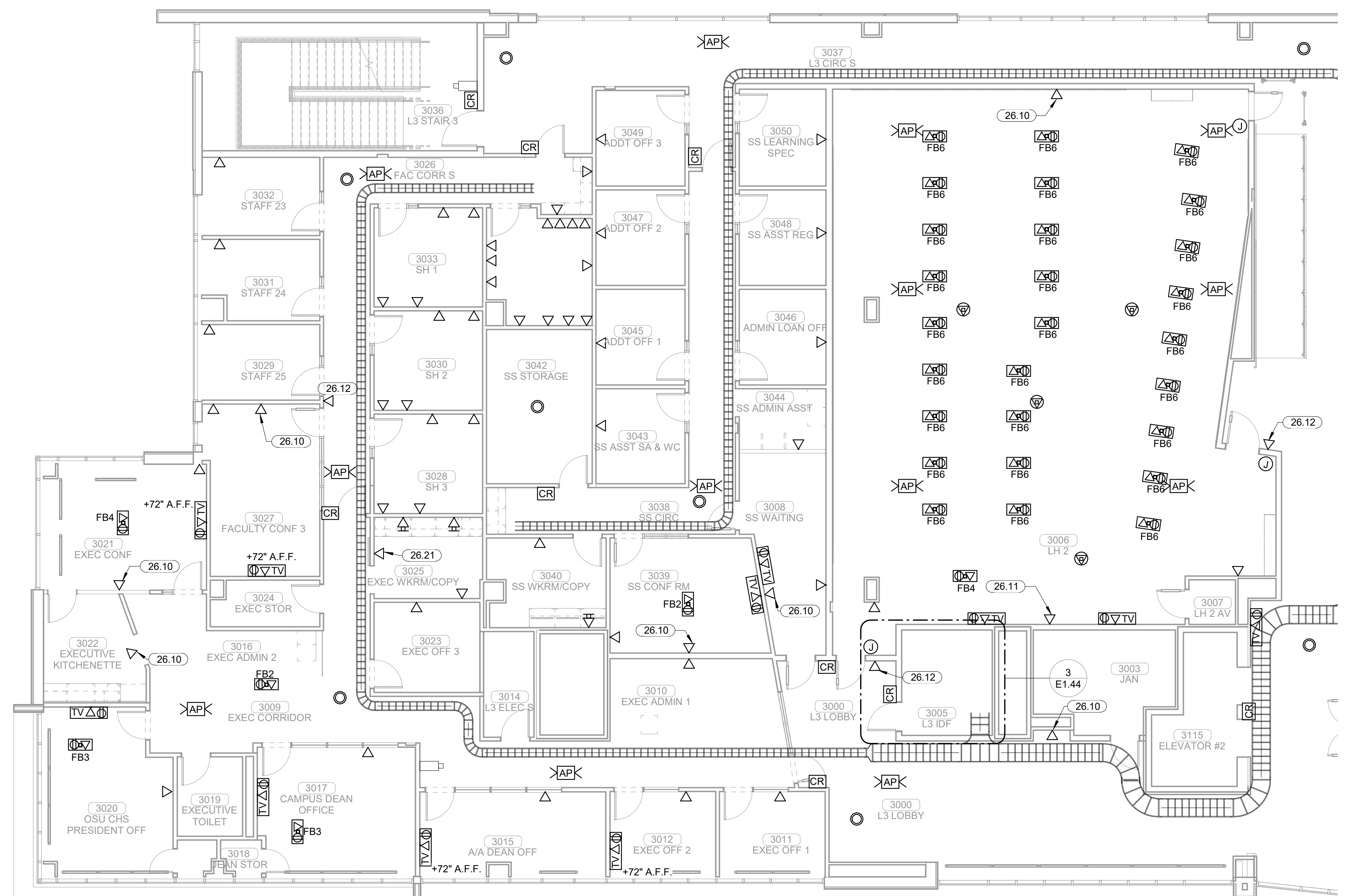
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS	DESCRIPTION

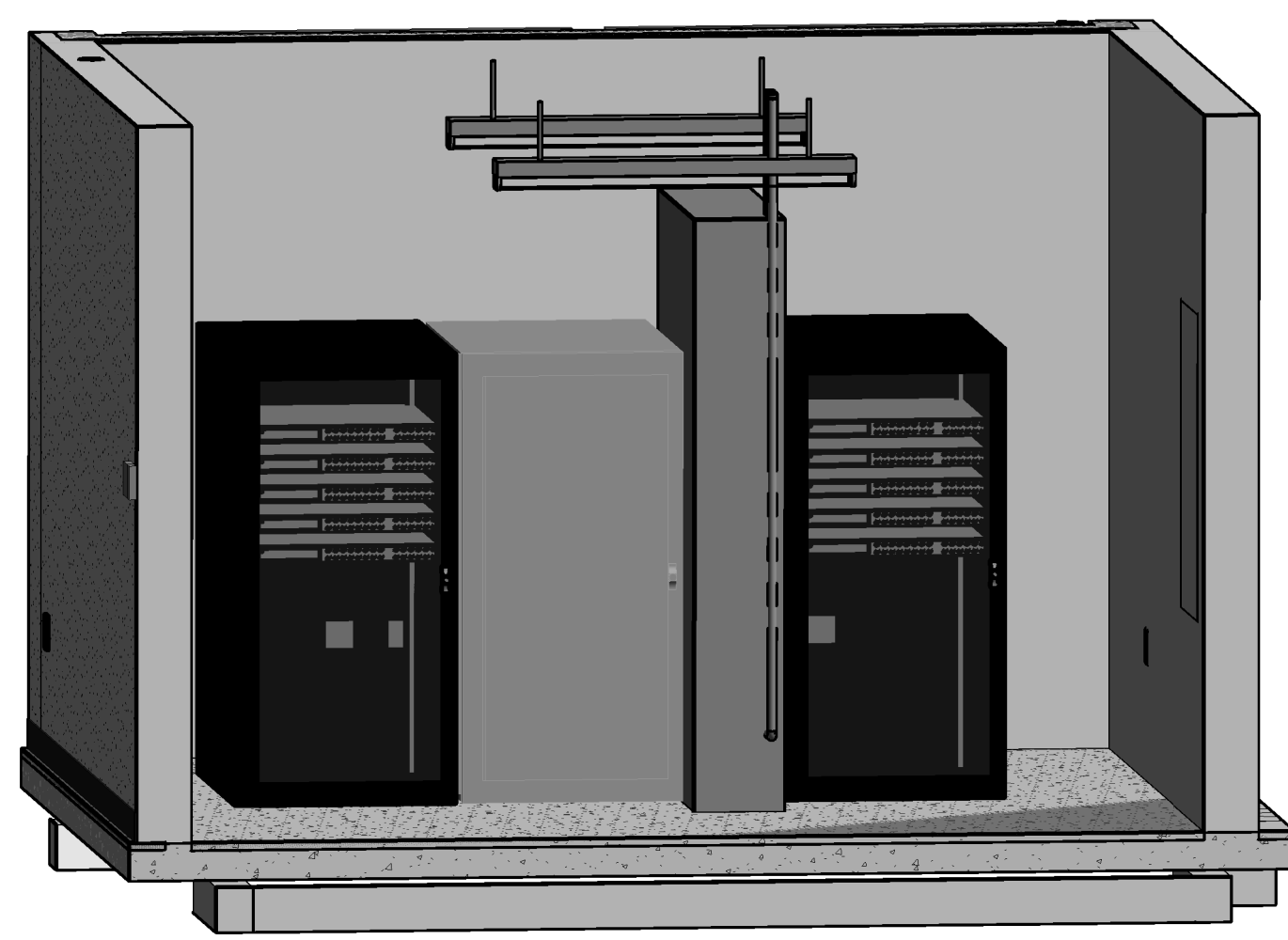
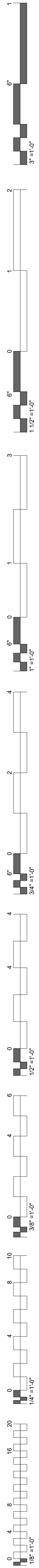
DATE: 08-23-19	JOB NUMBER: 17-13
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SHEET NUMBER:  
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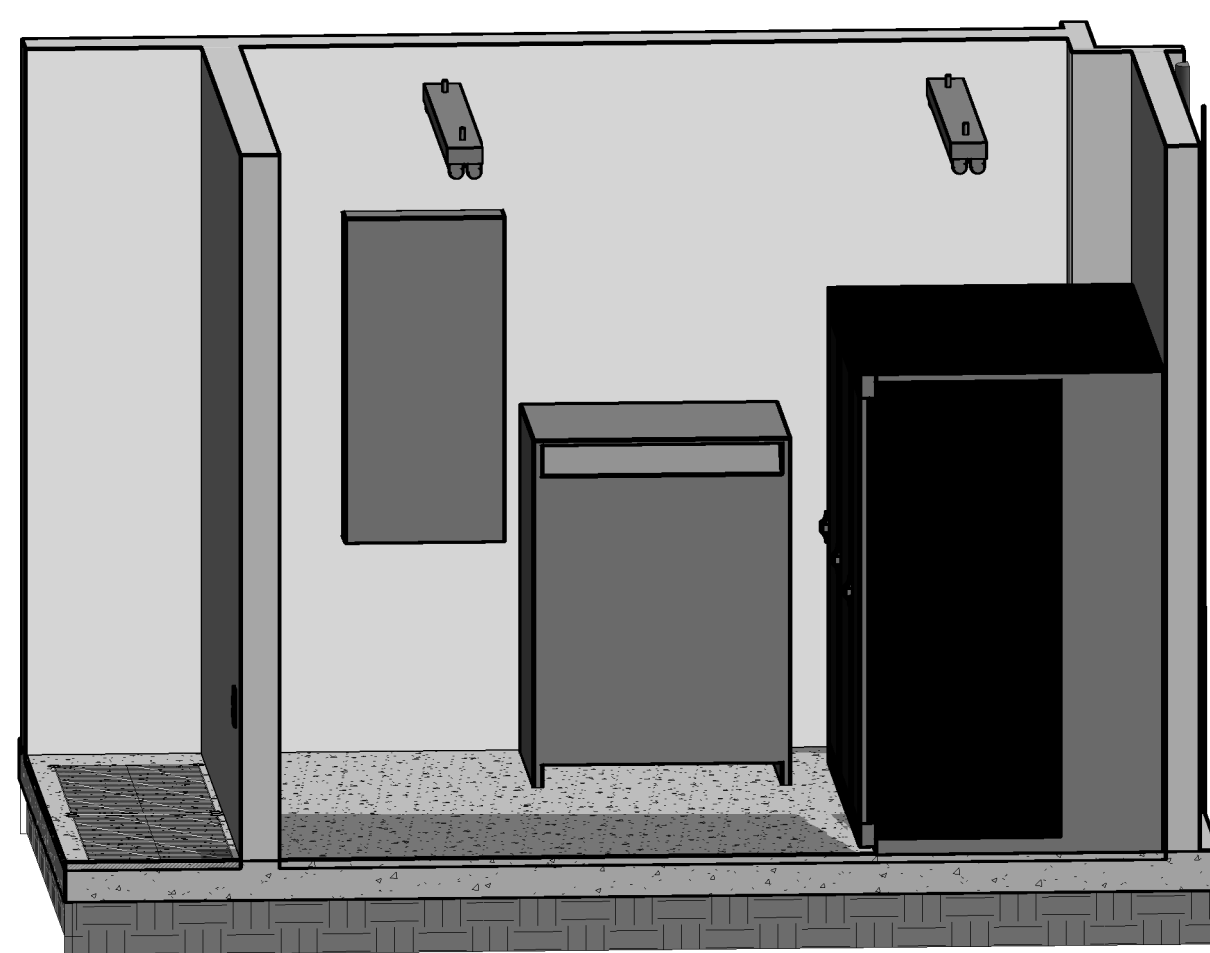
SYSTEMS PLAN LEVEL 03  
SECTOR 02



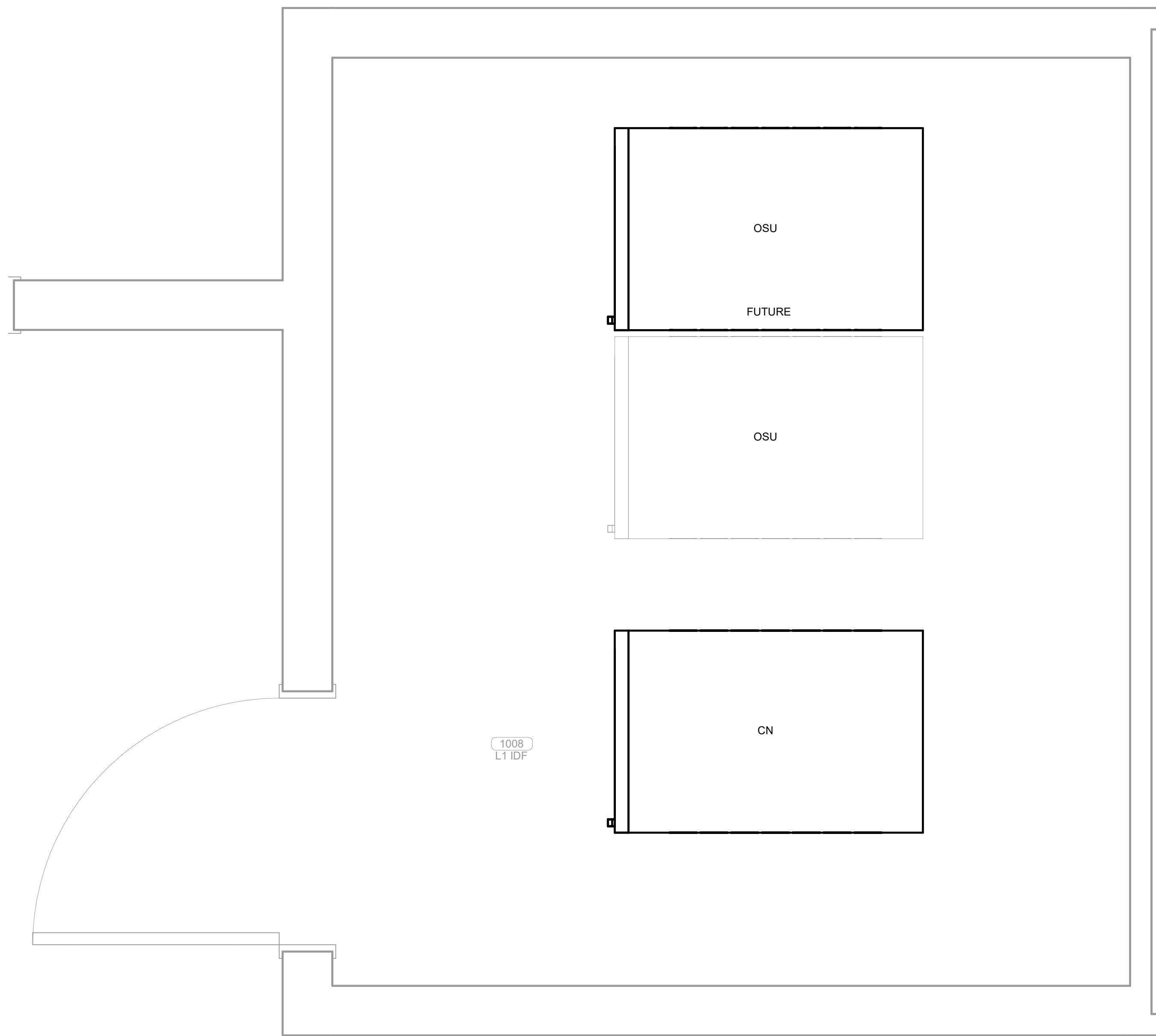
**1** SYSTEMS PLAN LEVEL 03 SECTOR 02  
1/8" = 1'-0"



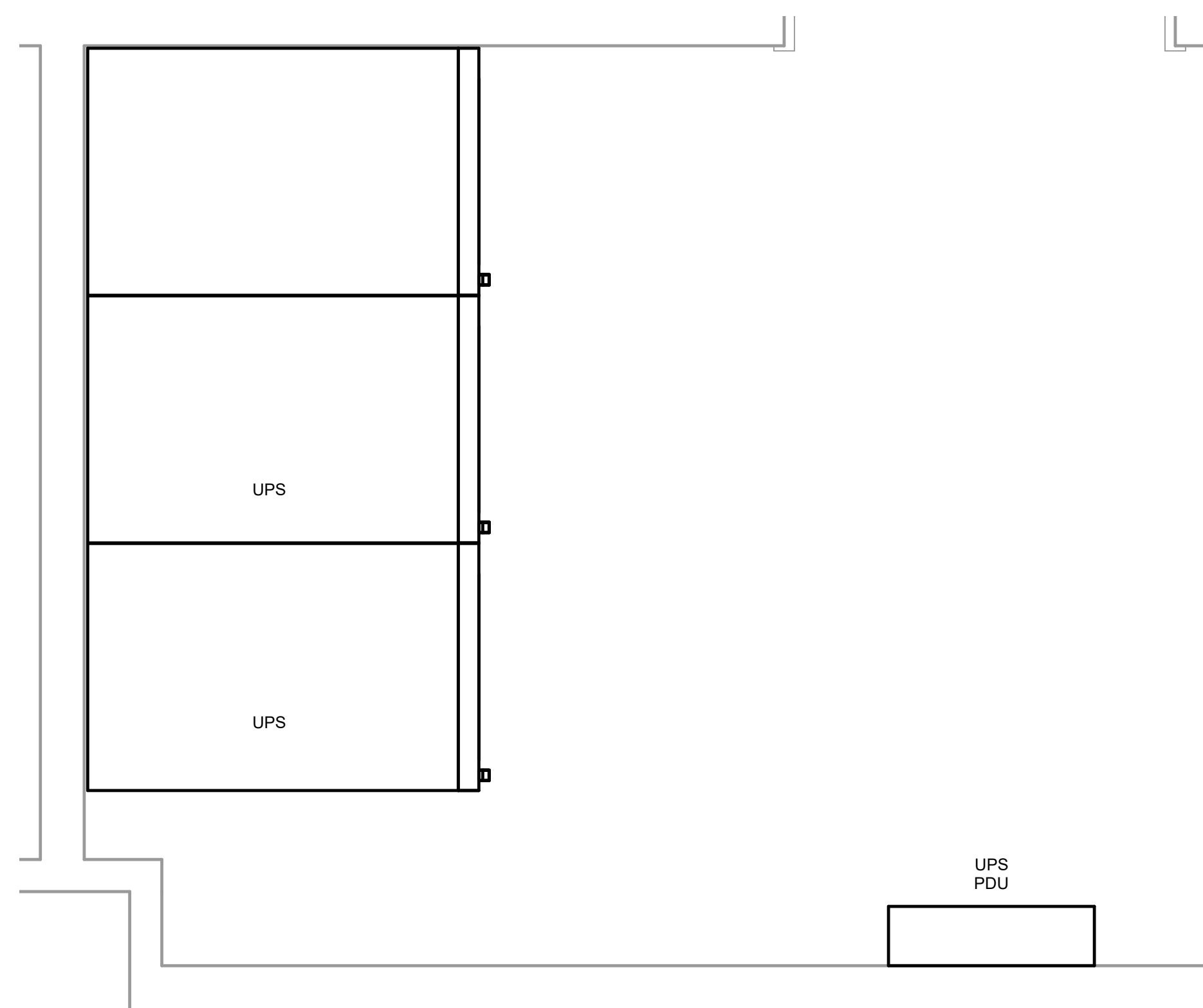
**4 TYPICAL IDF ROOM 3D**



**2 UPS ROOM 3D**

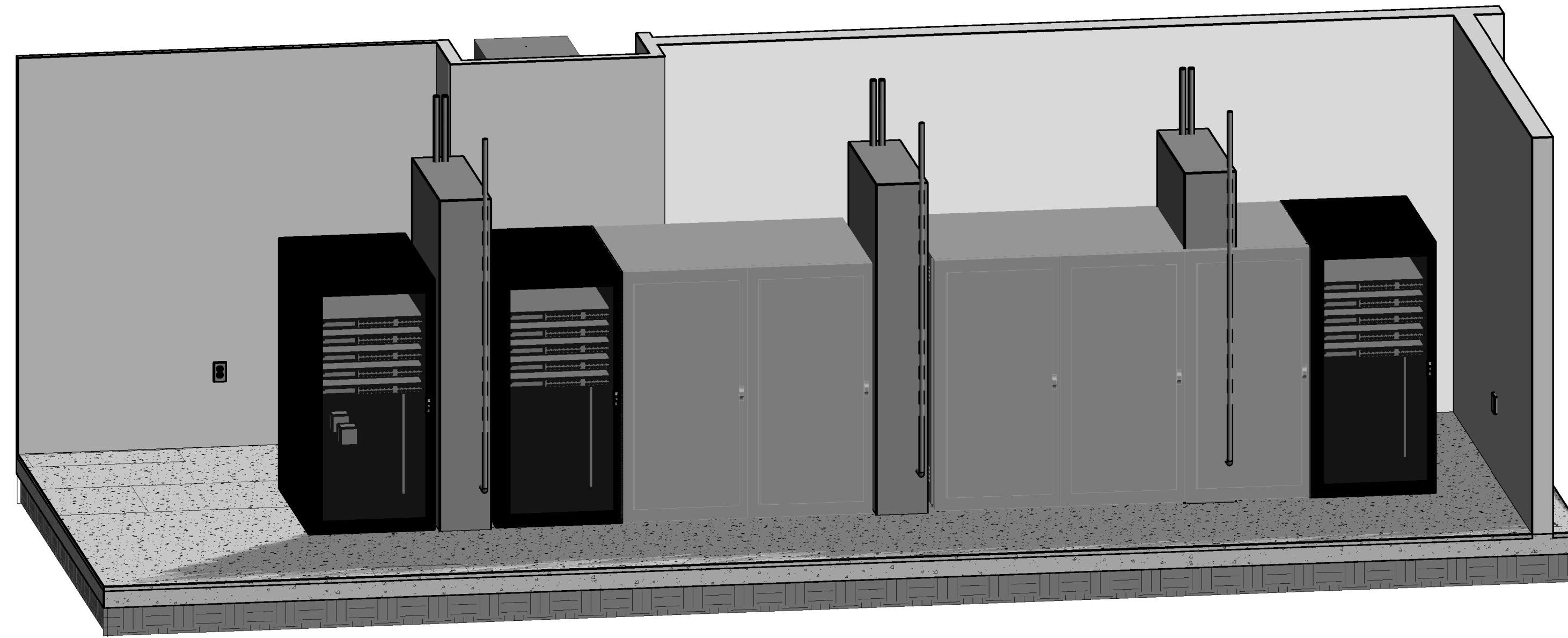
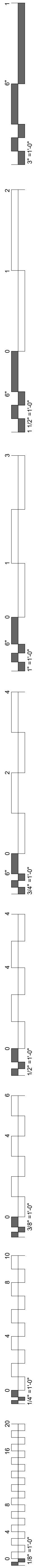


**3 TYPICAL IDF ROOM**  
1" = 1'-0"

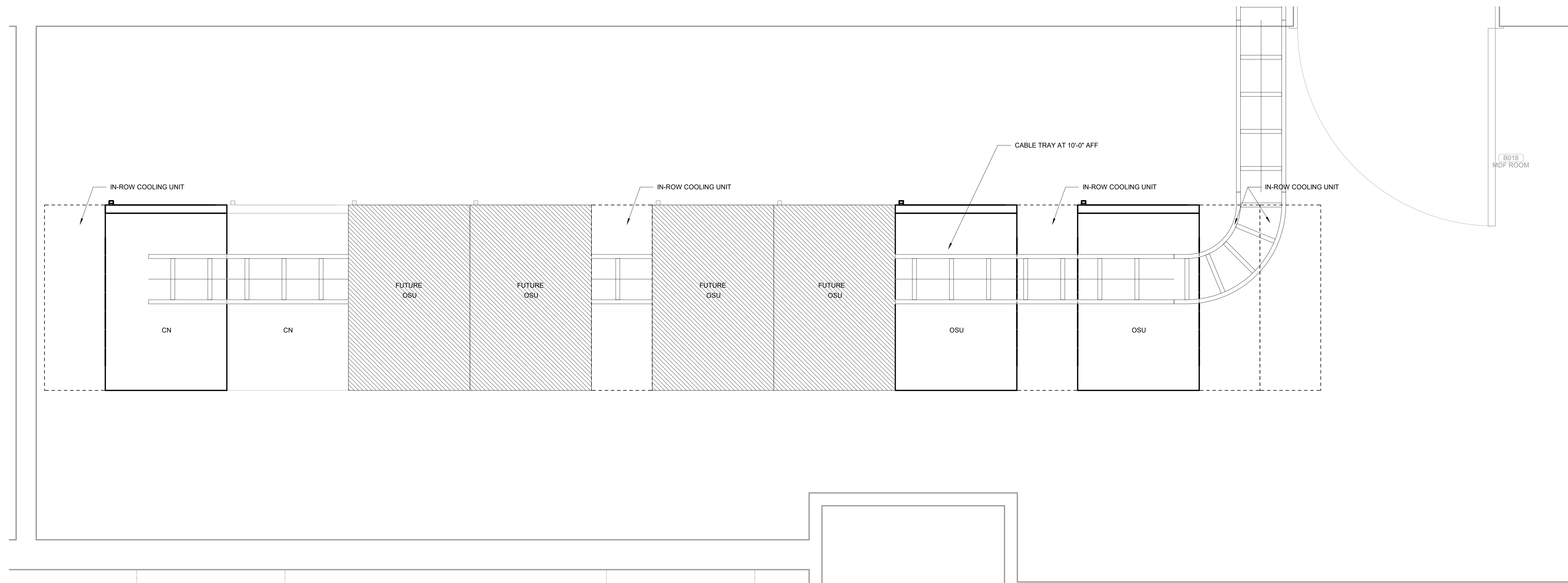


**1 ENLARGED UPS ROOM**  
1" = 1'-0"

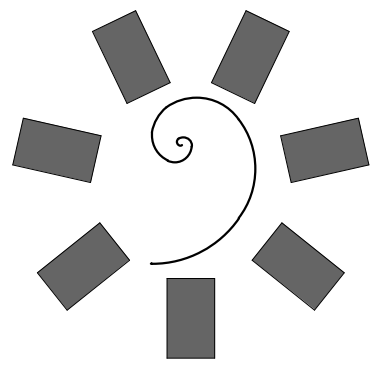
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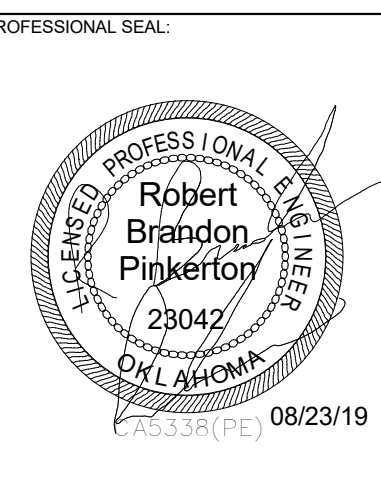
**2 MDF ROOM 3D**



**1 ENLARGED MDF ROOM**  
1" = 1'-0"

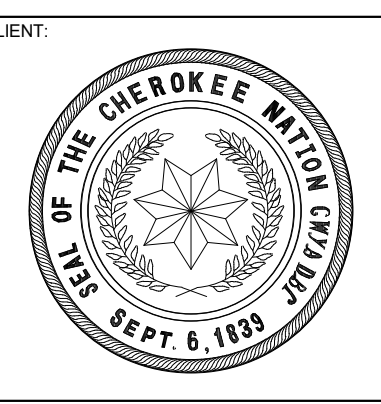


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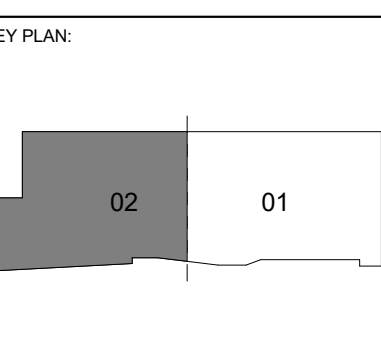
**CONSULTANT LOGO**

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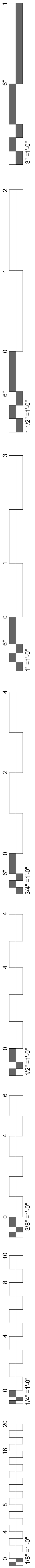
**PROJECT PHASE:**  
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

**DATE:** 08-23-19      **JOB NUMBER:** 17-13

**SHEET NUMBER:**  
E1.45

ENLARGED MDF ROOM

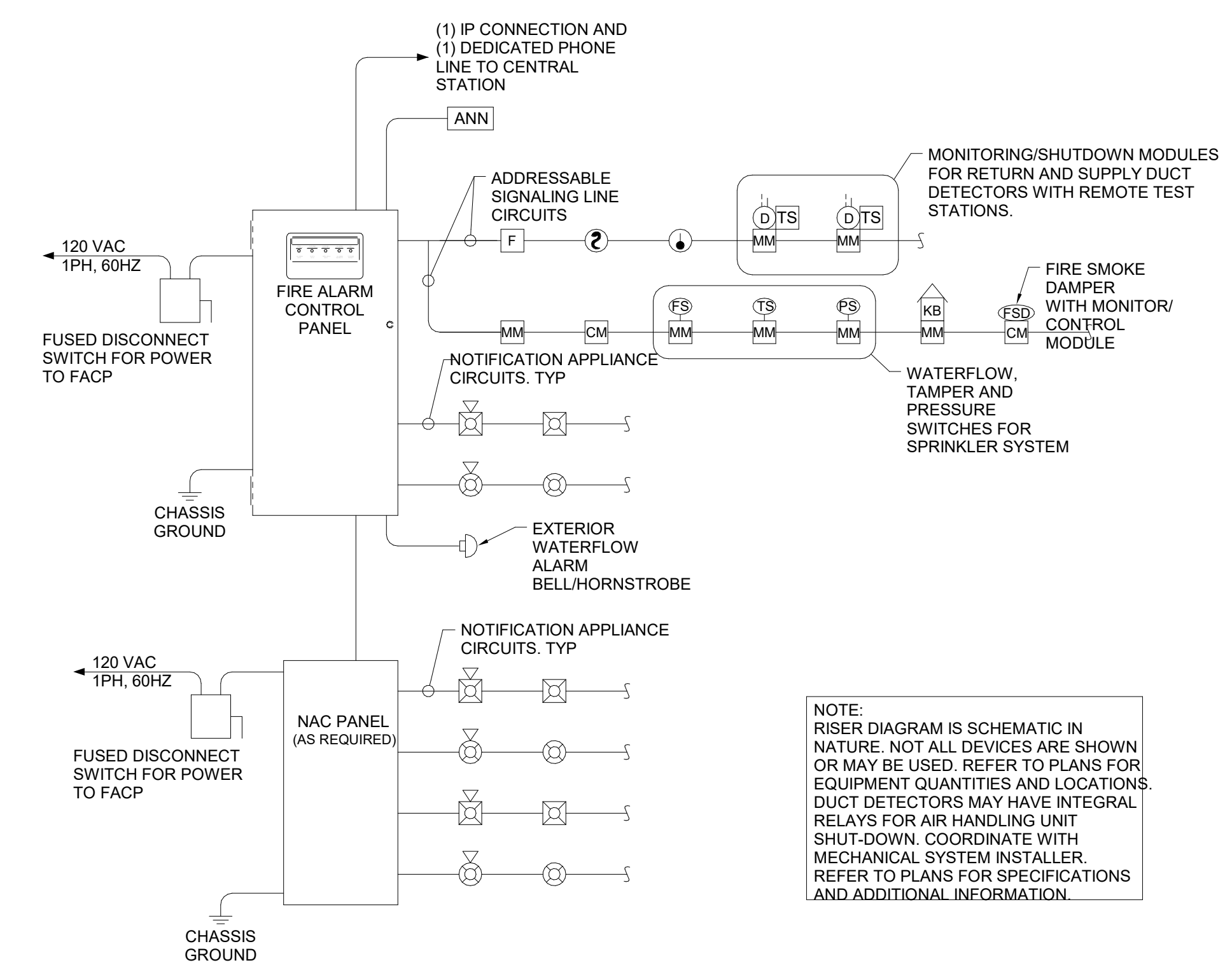


### FIRE ALARM INSTALLATION NOTES

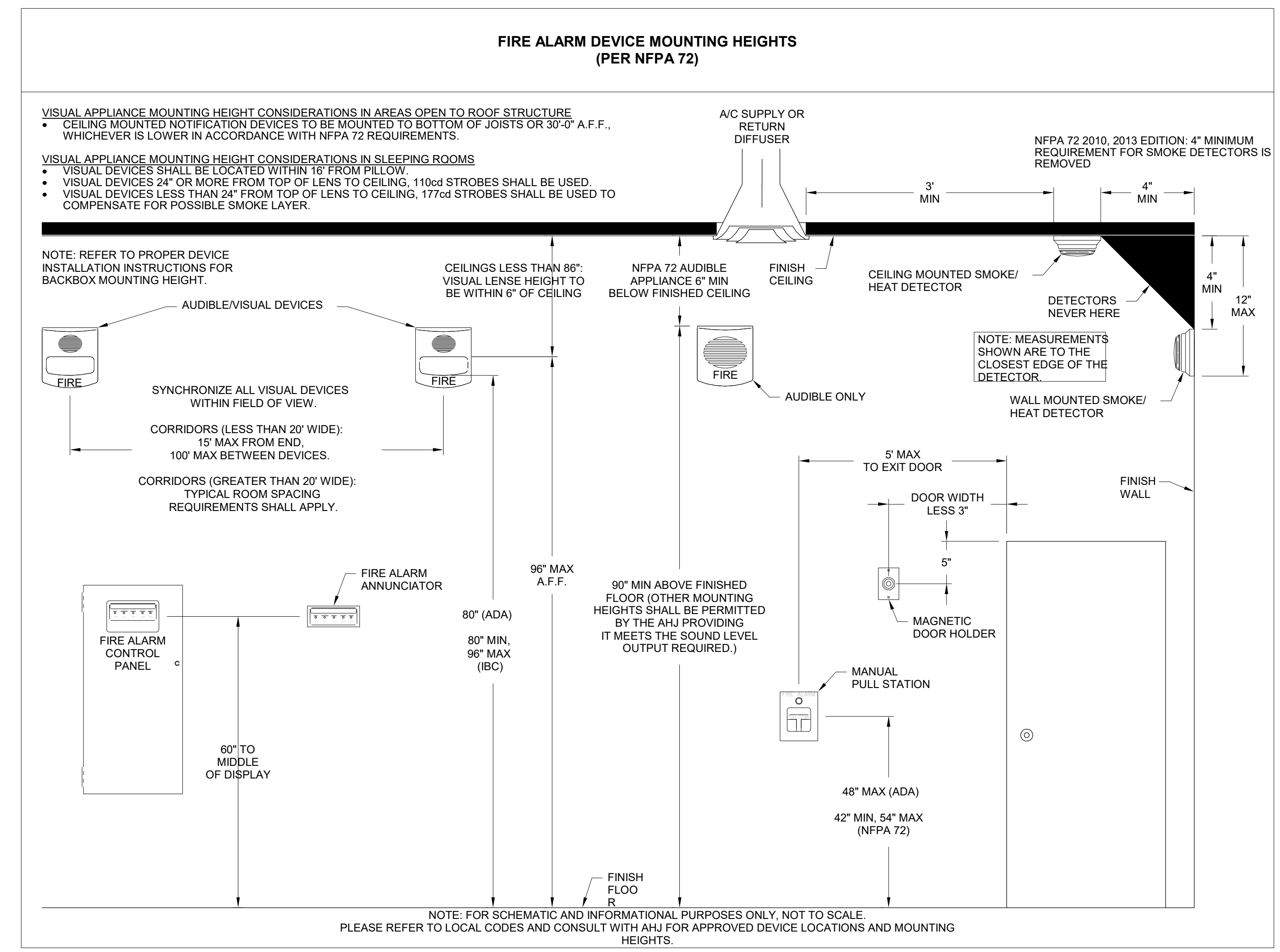
- 1 SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 72 AND LOCAL CODES AND REGULATIONS. ALL EQUIPMENT AND MATERIALS SHALL BE UL LISTED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- 2 INTERFACE WITH AND MONITOR ALL FIRE SUPPRESSION SYSTEM DEVICES INCLUDING (BUT NOT LIMITED TO) SPRINKLER FLOW AND TAMPER SWITCHES.
- 3 WIRE AND CABLE SHALL BE UL LISTED AND LABELED AS COMPLYING WITH NFPA 70, ARTICLE 760. SIGNALING LINE CIRCUITS TO BE TWISTED, SHIELDED PAIR, SIZED AS RECOMMENDED BY SYSTEM MANUFACTURER. NON-POWER-LIMITED CIRCUITS TO BE SOLID-COPPER CONDUCTORS WITH 600-V RATED, 75 DEG C, COLOR-CODED INSULATION. 9.1 LOW-VOLTAGE CIRCUITS: NO. 16 AWG, MINIMUM. 9.2 LINE-VOLTAGE CIRCUITS: NO. 12 AWG, MINIMUM.
- 4 INSTALL AND TEST SYSTEMS ACCORDING TO NFPA 72. COMPLY WITH NECA 1.
- 5 TEST ALL SYSTEM DEVICES FOR PROPER OPERATION IN THE PRESENCE OF THE AHJ AND OTHER OFFICIALS INSPECTING THE FIRE ALARM SYSTEM.
- 6 IF REQUIRED BY THE LOCAL AHJ, EQUIPMENT DATA SHEETS AND BATTERY CALCULATIONS IN ACCEPTANCE WITH NFPA 72 SHALL BE PERFORMED BY THE FIRE ALARM SYSTEM MANUFACTURER/INSTALLER TO MATCH EQUIPMENT TO BE INSTALLED.
- 7 SYSTEM INSTALLER SHALL BE A LICENSED FIRE ALARM CONTRACTOR IN THE RESPECTIVE STATE OF THIS PROJECT.
- 8 FIRE ALARM CONTROL PANEL SHALL BE MODULAR, POWER-LIMITED DESIGN WITH ELECTRONIC MODULES, UL 884 LISTED, AND DESIGNED TO TRANSMIT ALARM, TROUBLE, AND SUPERVISORY SIGNALS TO A UL LISTED CENTRAL STATION THROUGH A DIGITAL ALARM COMMUNICATOR TRANSMITTER WITH (1) ETHERNET PORT CONNECTION AND (1) DEDICATED TELEPHONE LINE.
- 9 PROVIDE 120VAC POWER THROUGH DEDICATED LOCKING BREAKER AT POWER PANEL.
- 10 GROUND THE FACP AND ALL ASSOCIATED CIRCUITS.
- 11 INSTALL A #6 AWG GROUND WIRE FROM THE TELE-COMMUNICATIONS EQUIPMENT GROUNDING POINT TO THE FACP.
- 12 SYSTEM SHALL INCLUDE 24V DC POWER SYSTEM WITH SEALED LEAD CALCIUM BATTERIES AND AUTOMATIC BATTERY CHARGER IN ACCORDANCE WITH NFPA 72.
- 13 PROVIDE (1) IP CONNECTION TO CUSTOMERS INTERNET NETWORK AND (1) DEDICATED TELEPHONE LINE TERMINATED WITH (1) RJ-31X MODULAR OUTLET AT DACT LOCATION.

### FIRE ALARM GENERAL NOTES

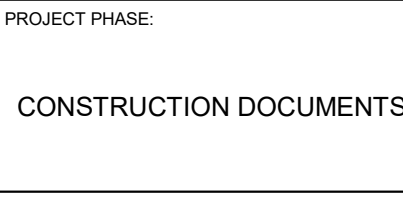
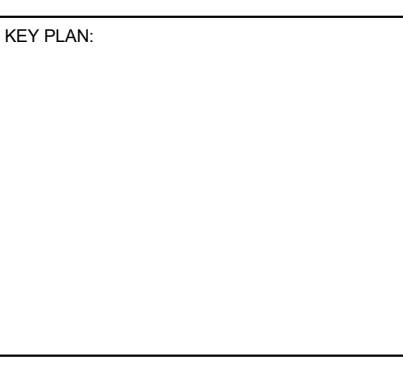
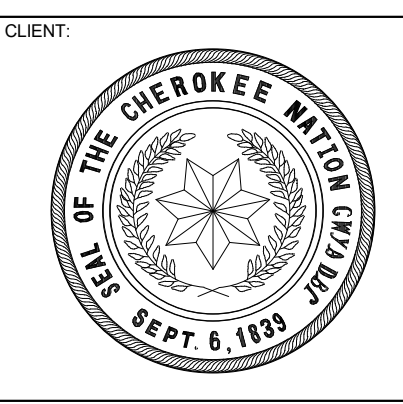
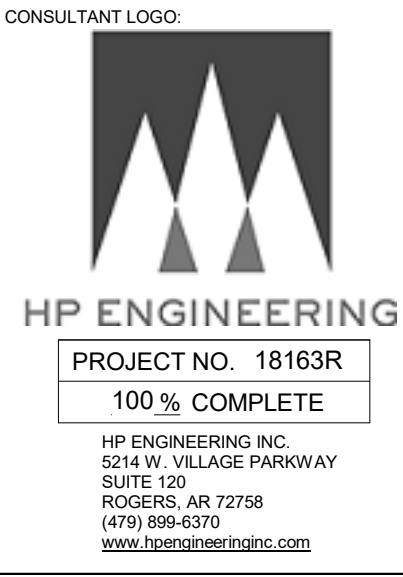
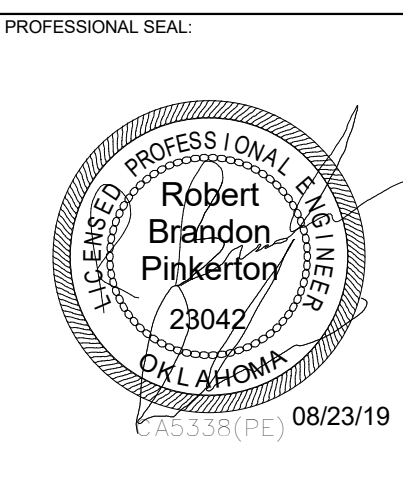
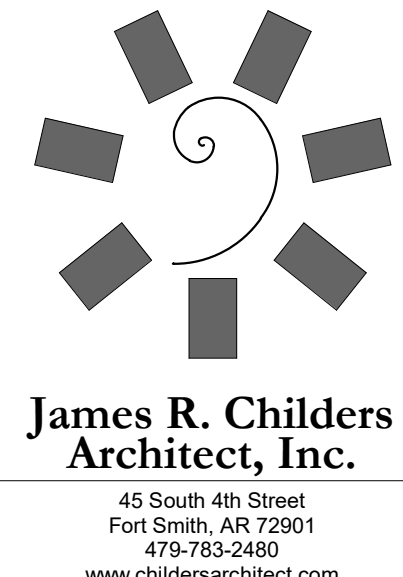
- 1 FIRE ALARM SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL BE IN ACCORDANCE WITH NFPA 70 AND NFPA 72. SYSTEM SHALL ALSO MEET ALL APPLICABLE BUILDING CODES, FIRE CODES AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER. VERIFY REQUIREMENTS PRIOR TO BID SUBMITTAL.
- 2 INFORMATION ON CONTRACT DOCUMENTS IS GENERAL INFORMATION AND FOR BID PURPOSES ONLY. PERFORM REQUIRED CALCULATIONS AND COORDINATE WITH OTHER TRADES. DEVIATIONS FROM ENGINEERS LAYOUT WILL NOT BE CONSIDERED UNLESS A FORMALLY SUBMITTED RFI IS RECEIVED AND APPROVED.
- 3 PROVIDE ADDITIONAL MATERIALS AND LABOR REQUIRED DUE TO LACK OF COORDINATION OR TO MEET AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
- 4 PROVIDE ALL EQUIPMENT AND LABOR REQUIRED FOR A COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM.
- 5 AUDIBLE NOTIFICATION DEVICES SHALL SOUND UNTIL SILENCED AT THE CONTROL PANEL OR REMOTE ANNUNCIATOR AS REQUIRED. VISUAL ALARM IS DISPLAYED UNTIL DEVICE IS RETURNED TO ITS NORMAL POSITION OR SUPERVISORY CONDITION IS CLEARED.
- 6 FORWARD COMPLETED FIRE ALARM CERTIFICATE OF COMPLETION TO THE OWNER.
- 7 REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 8 PROVIDE CONNECTION TO EXTERIOR WATERFLOW ALARM BELL AS REQUIRED.
- 9 PROVIDE NOTIFICATION, INITIATING AND MONITORING DEVICES AS INDICATED ON THE DRAWINGS. FIRE ALARM DEVICES SHALL BE OF ONE MANUFACTURER AND SHALL BE LISTED FOR USE WITH THE FIRE ALARM CONTROL PANEL.
- 10 PROVIDE NOTIFICATION APPLIANCE CIRCUIT PANEL(S) TO POWER NOTIFICATION DEVICES AS REQUIRED. CONNECT TO FIRE ALARM SYSTEM.
- 11 THE FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATOR LOCATIONS SHOWN SHALL BE COORDINATED WITH THE FIRE DEPARTMENT AND AHJ PRIOR TO INSTALLATION.
- 12 PROVIDE DEDICATED CONNECTION OF THE FIRE ALARM SYSTEM TO A UL LISTED CENTRAL STATION.
- 13 PROVIDE KNOX BOX FOR FIRE DEPARTMENT ACCESS. CONNECT TAMPER SWITCH TO FIRE ALARM SYSTEM AS REQUIRED.
- 14 AIR HANDLING SYSTEMS THAT ARE MONITORED SHALL SHUTDOWN AND REMAIN DOWN UNTIL MANUALLY RESET.
- 15 ROOF TOP AIR DISTRIBUTION SYSTEMS EXCEEDING 2,000 CFM: PROVIDE DUCT MOUNTED SMOKE DETECTORS FOR AIR HANDLING UNIT SHUTDOWN AND INSTALL PER MANUFACTURERS RECOMMENDATIONS. PROVIDE MONITOR MODULE FOR SUPPLY AIR DUCT DETECTOR AND RELAY/MONITOR MODULE FOR RETURN AIR DUCT DETECTOR. REFER TO MECHANICAL SHEETS FOR AIR HANDLING UNIT AND DUCTWORK LAYOUT AND DETAILS.
- 16 DUCT SMOKE DETECTION SHALL TRANSMIT A SUPERVISORY SIGNAL TO THE FACP.



**2 TYPICAL FIRE ALARM RISER DETAIL**  
N.T.S.



**1 FIRE ALARM MOUNTING HEIGHTS**  
N.T.S.



#	DATE	REVISIONS	DESCRIPTION

DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:

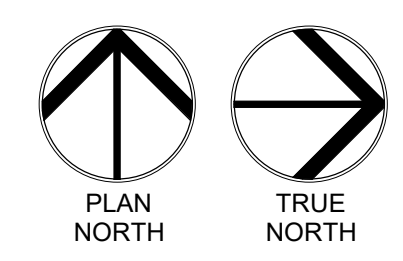
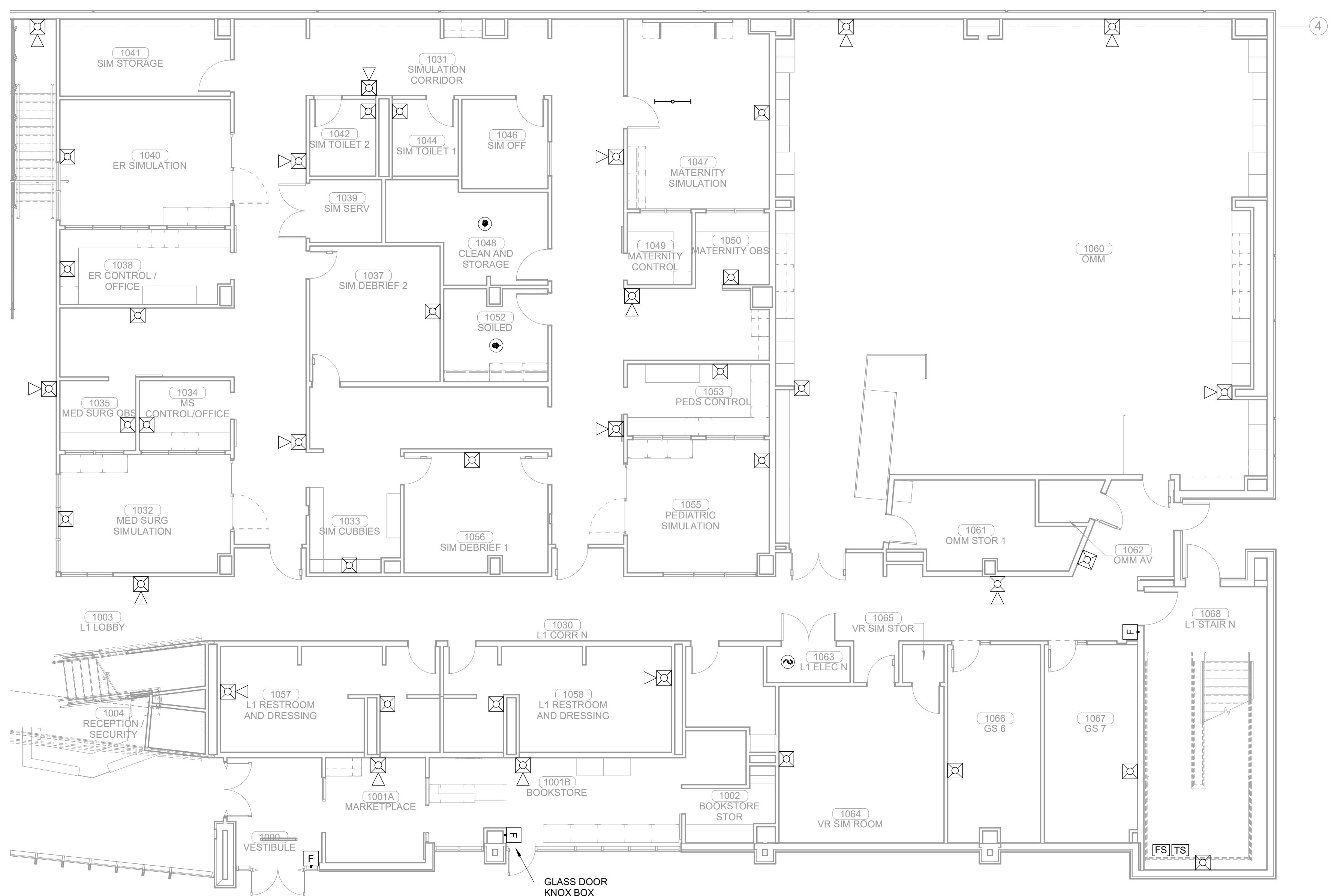
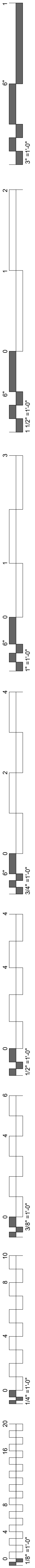
E1.46

FIRE ALARM DETAILS

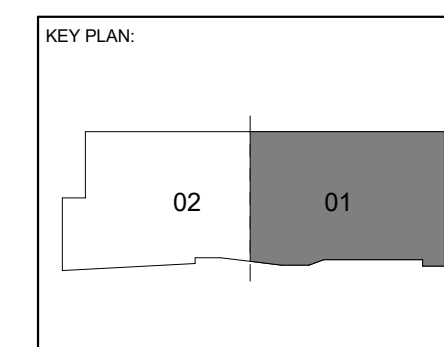


**1 FIRE ALARM PLAN BASEMENT LEVEL SECTOR 02**  
1/4" = 1'-0"

#	DATE	REVISIONS DESCRIPTION



**1 FIRE ALARM LEVEL 01 SECTOR 01**  
 1/8" = 1'-0"



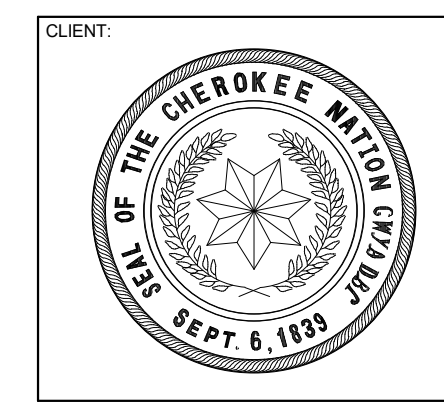
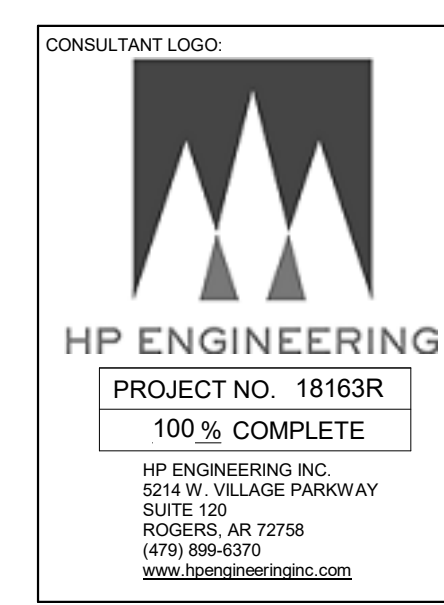
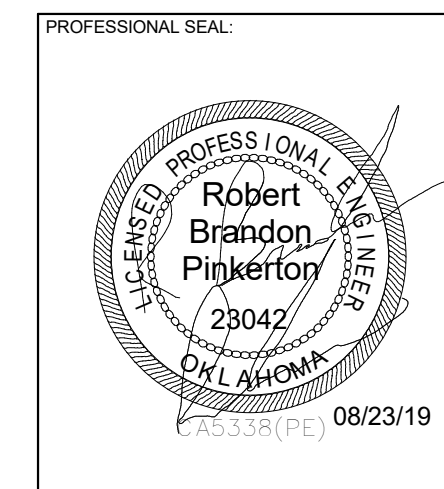
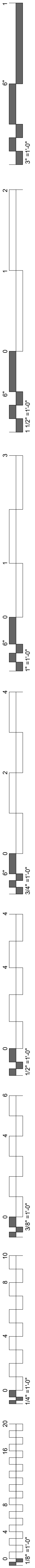
PROJECT PHASE:  
 CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

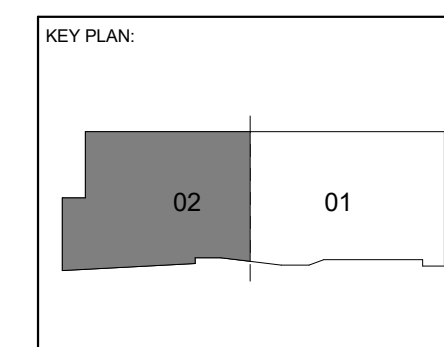
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.48**

FIRE ALARM LEVEL 01  
 SECTOR 01



COLLEGE OF  
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TAHLEQUAH, OKLAHOMA



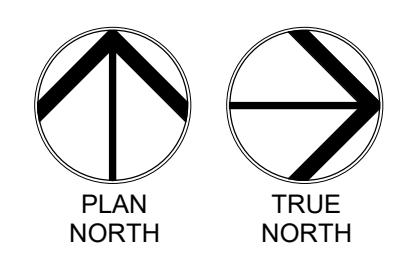
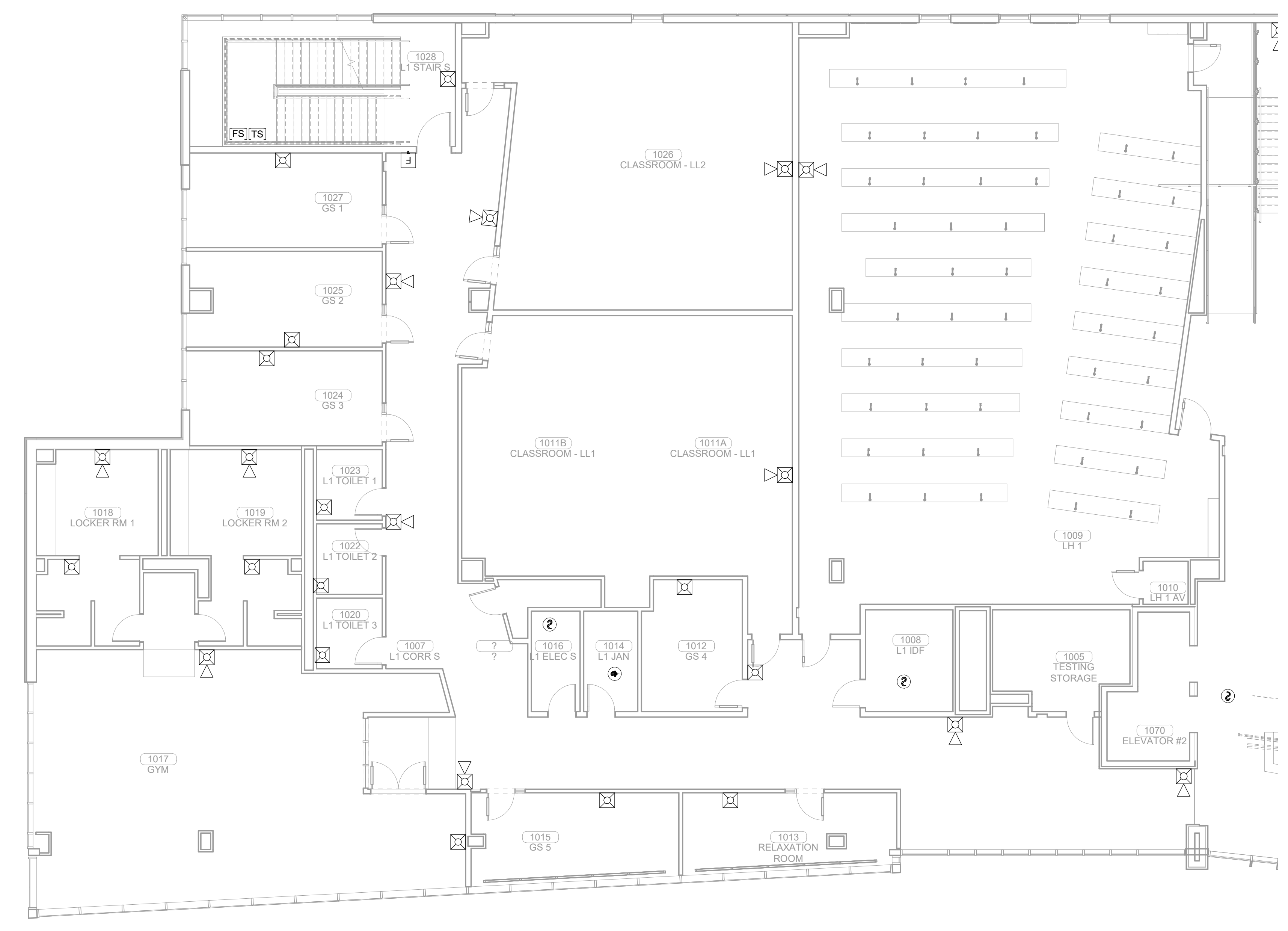
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS DESCRIPTION

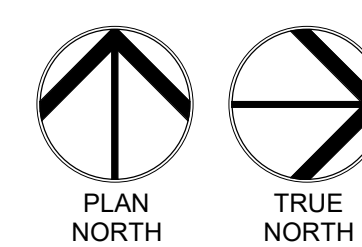
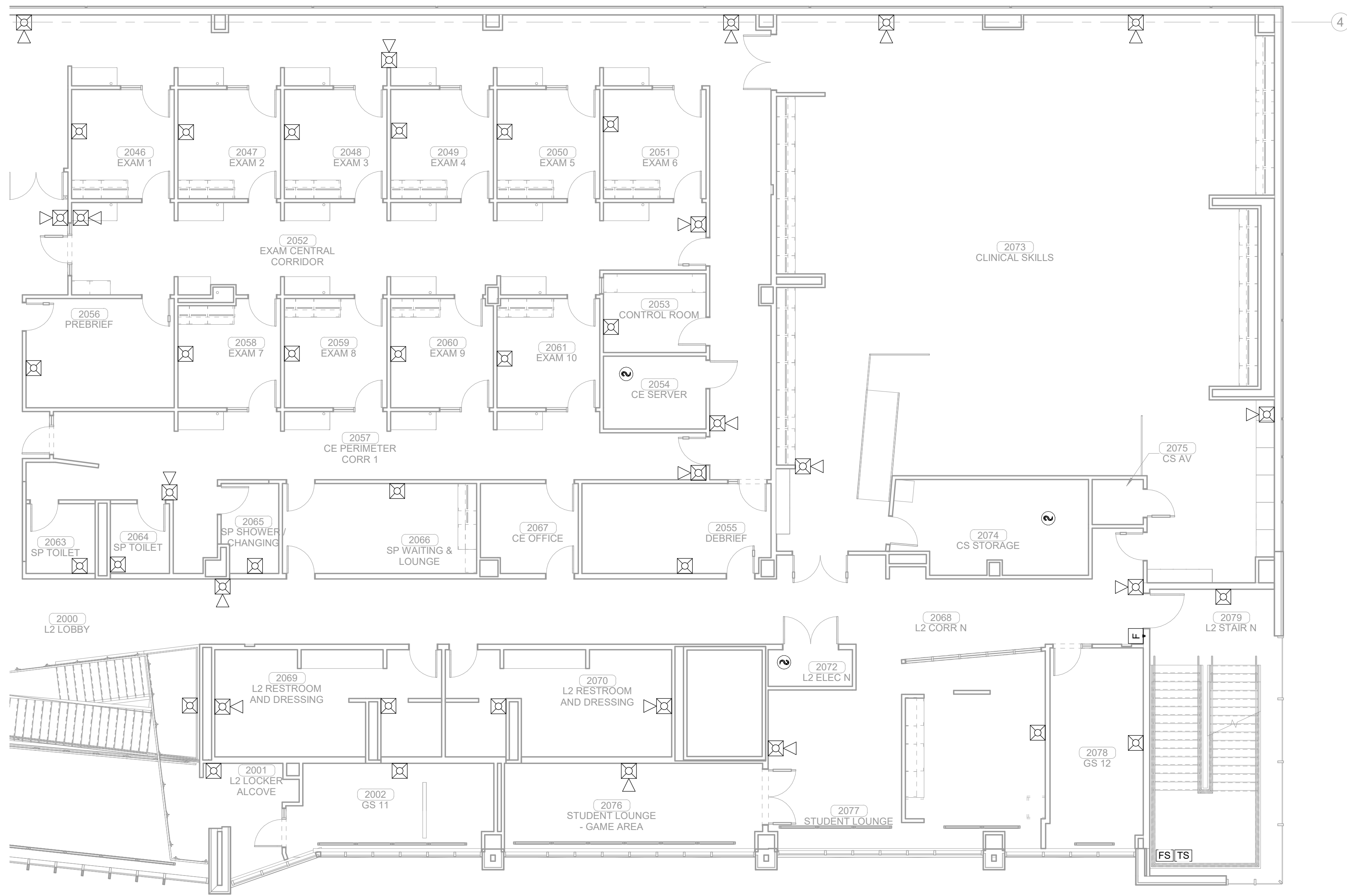
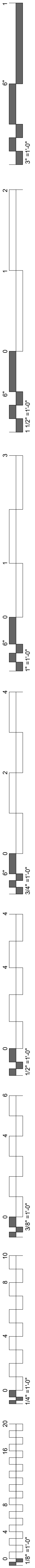
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.49**

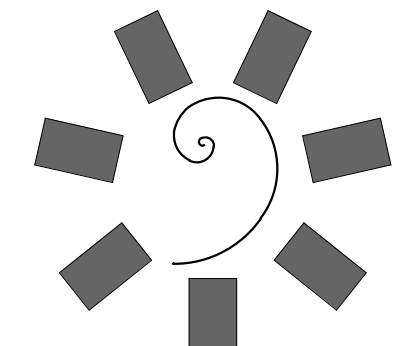
FIRE ALARM LEVEL 01  
SECTOR 02



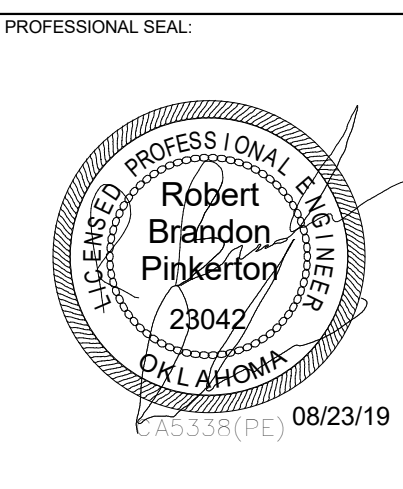
**1 FIRE ALARM LEVEL 01 SECTOR 02**  
1/8" = 1'-0"



**1 FIRE ALARM LEVEL 02 SECTOR 01**  
1/8" = 1'-0"

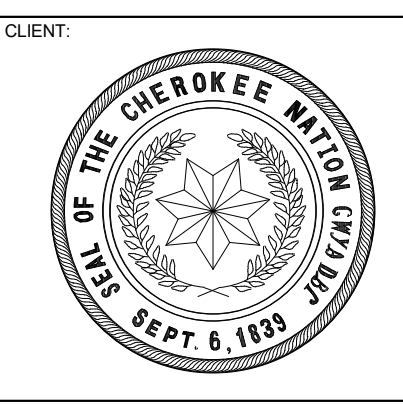


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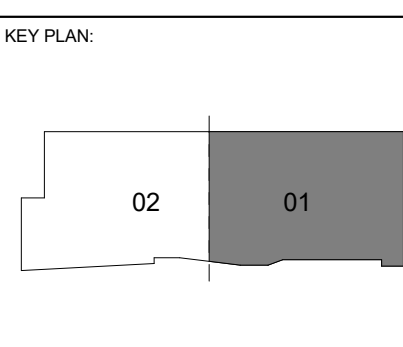


**CONSULTANT LOGO**

**HP ENGINEERING**  
PROJECT NO. 18163R  
100% COMPLETE  
HP ENGINEERING INC.  
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TAHLEQUAH, OKLAHOMA**



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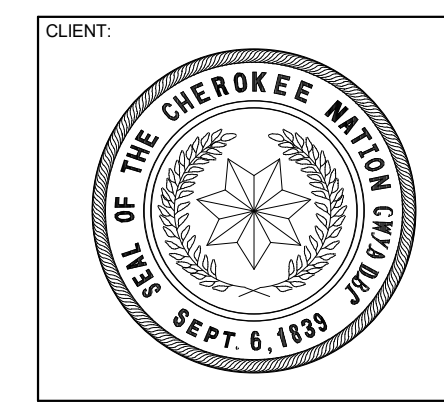
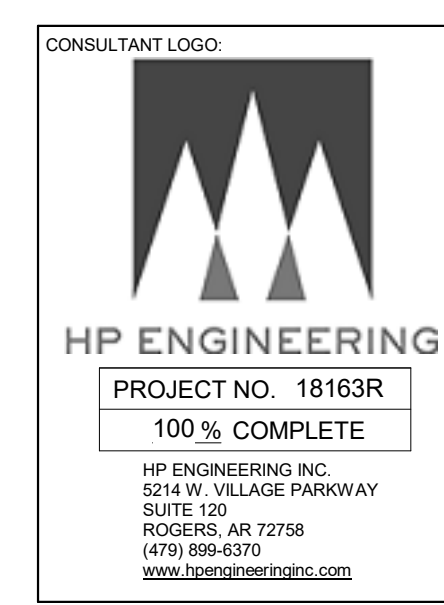
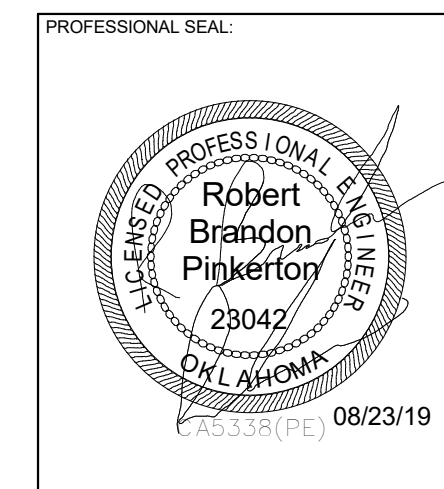
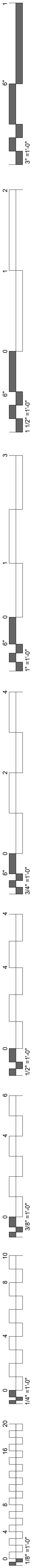
#	DATE	REVISIONS DESCRIPTION

**DATE:** 08-23-19 **JOB NUMBER:** 17-13

**SHEET NUMBER:** E1.50

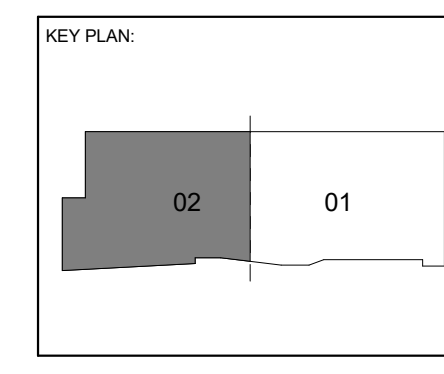
FIRE ALARM LEVEL 02  
SECTOR 01





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TAHLEQUAH, OKLAHOMA





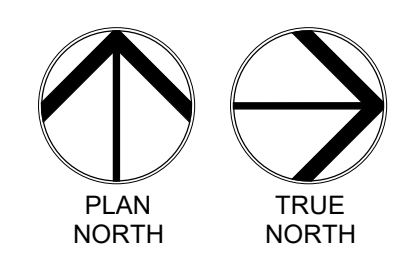
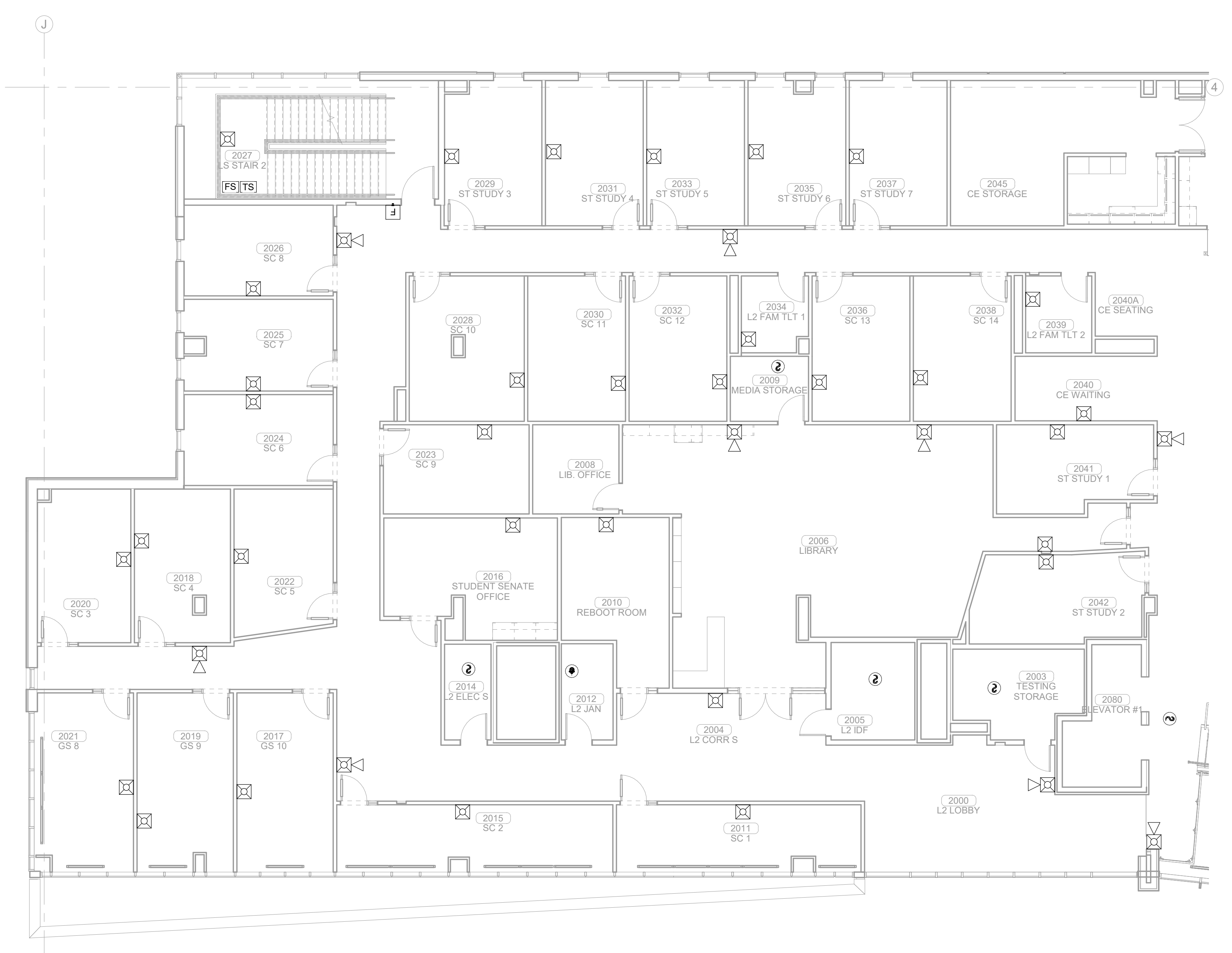
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS DESCRIPTION

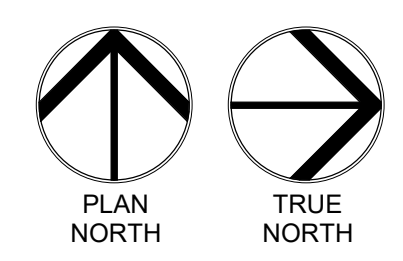
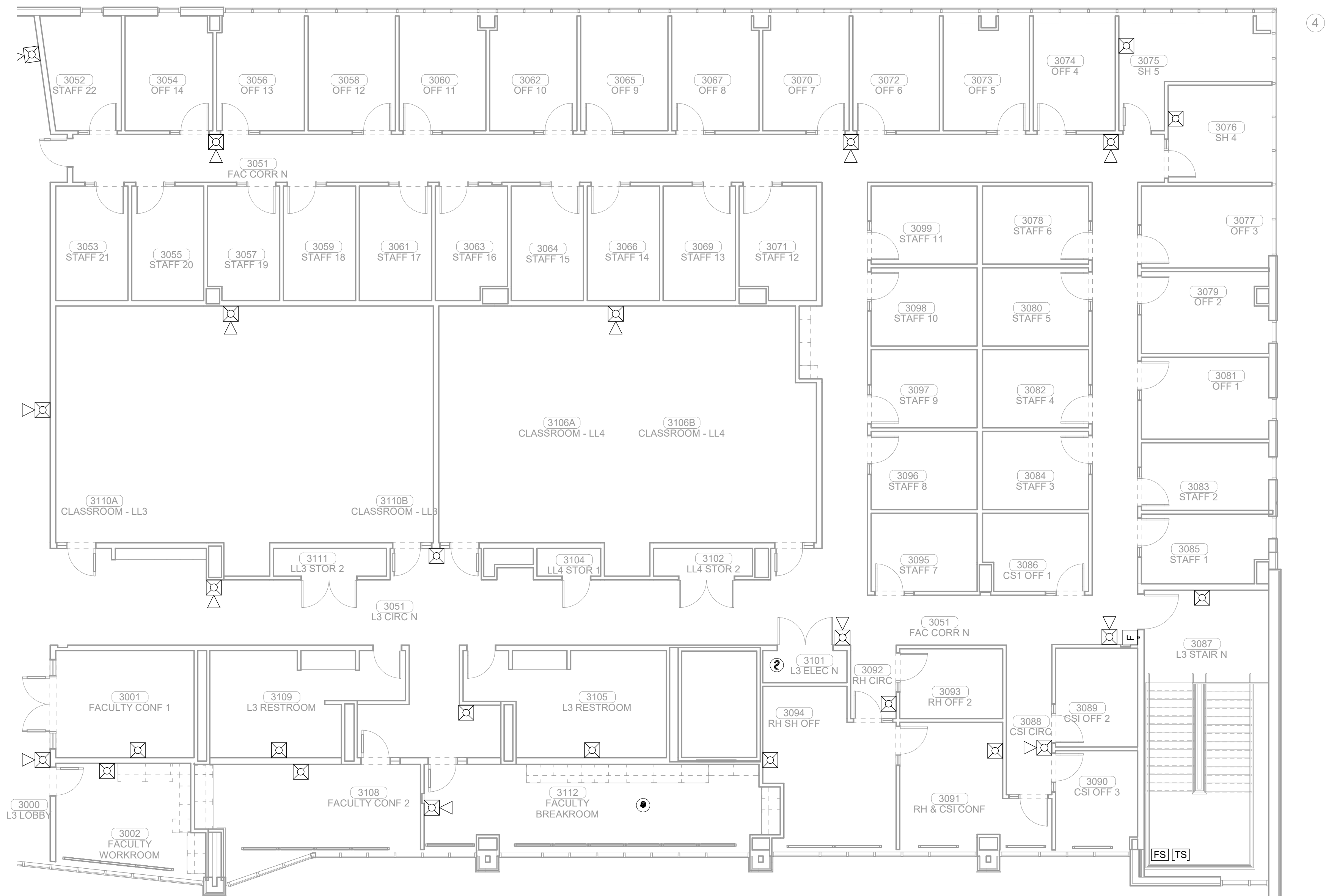
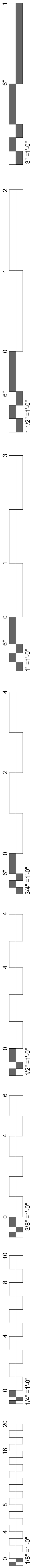
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.51**

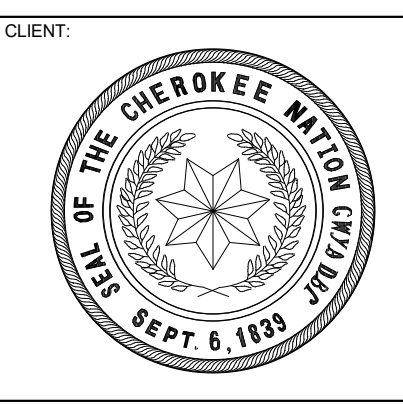
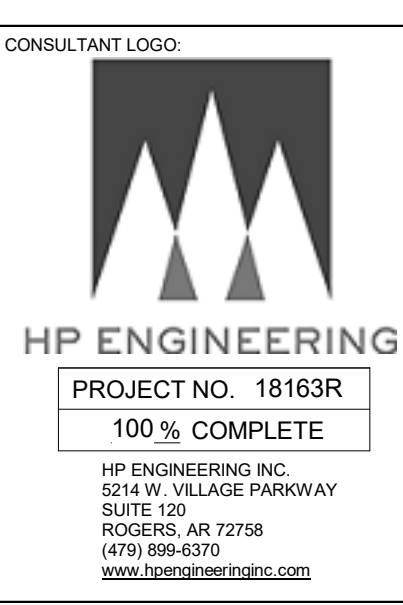
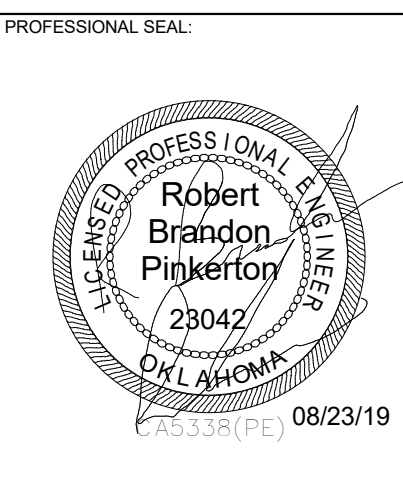
FIRE ALARM LEVEL 02  
SECTOR 02



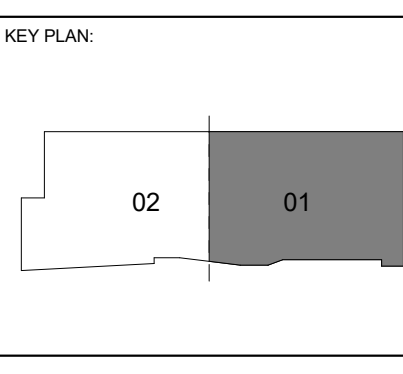
**1 FIRE ALARM LEVEL 02 SECTOR 02**  
1/8" = 1'-0"



**1 FIRE ALARM LEVEL 03 SECTOR 01**  
1/8" = 1'-0"



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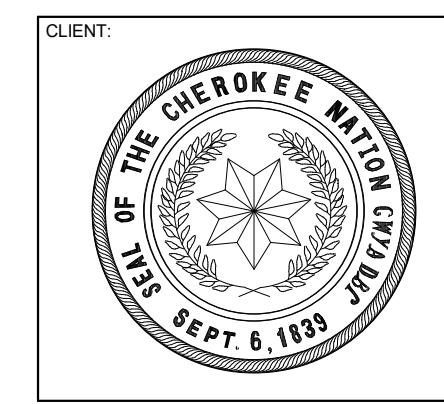
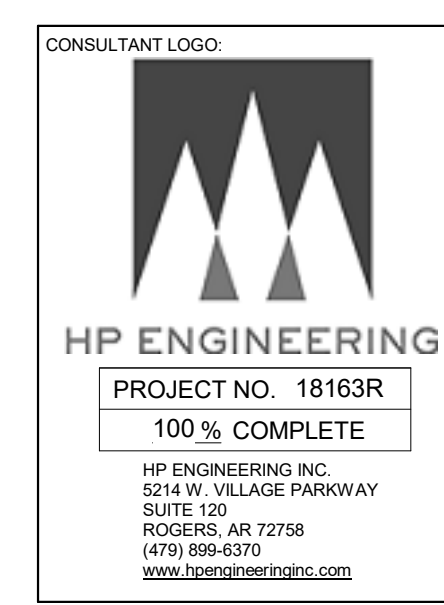
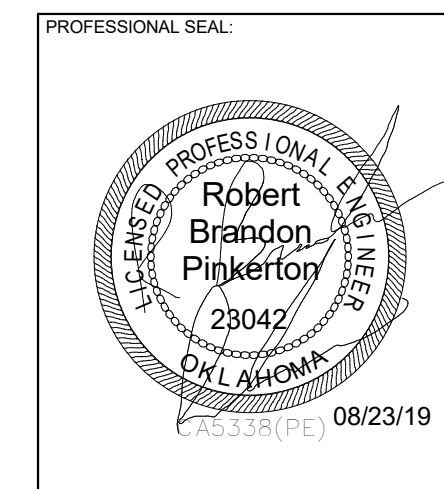
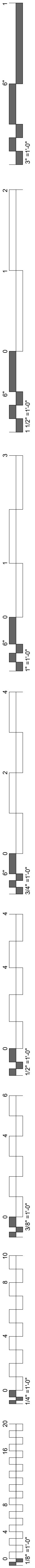
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

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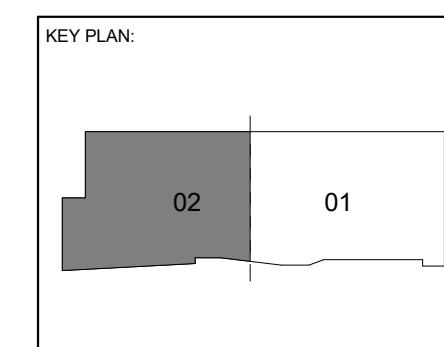
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E1.52**

FIRE ALARM LEVEL 03  
SECTOR 01



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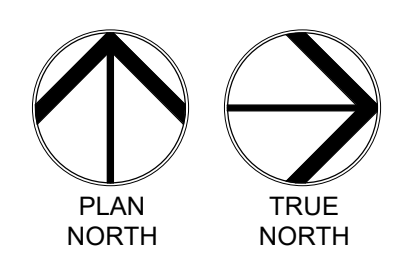
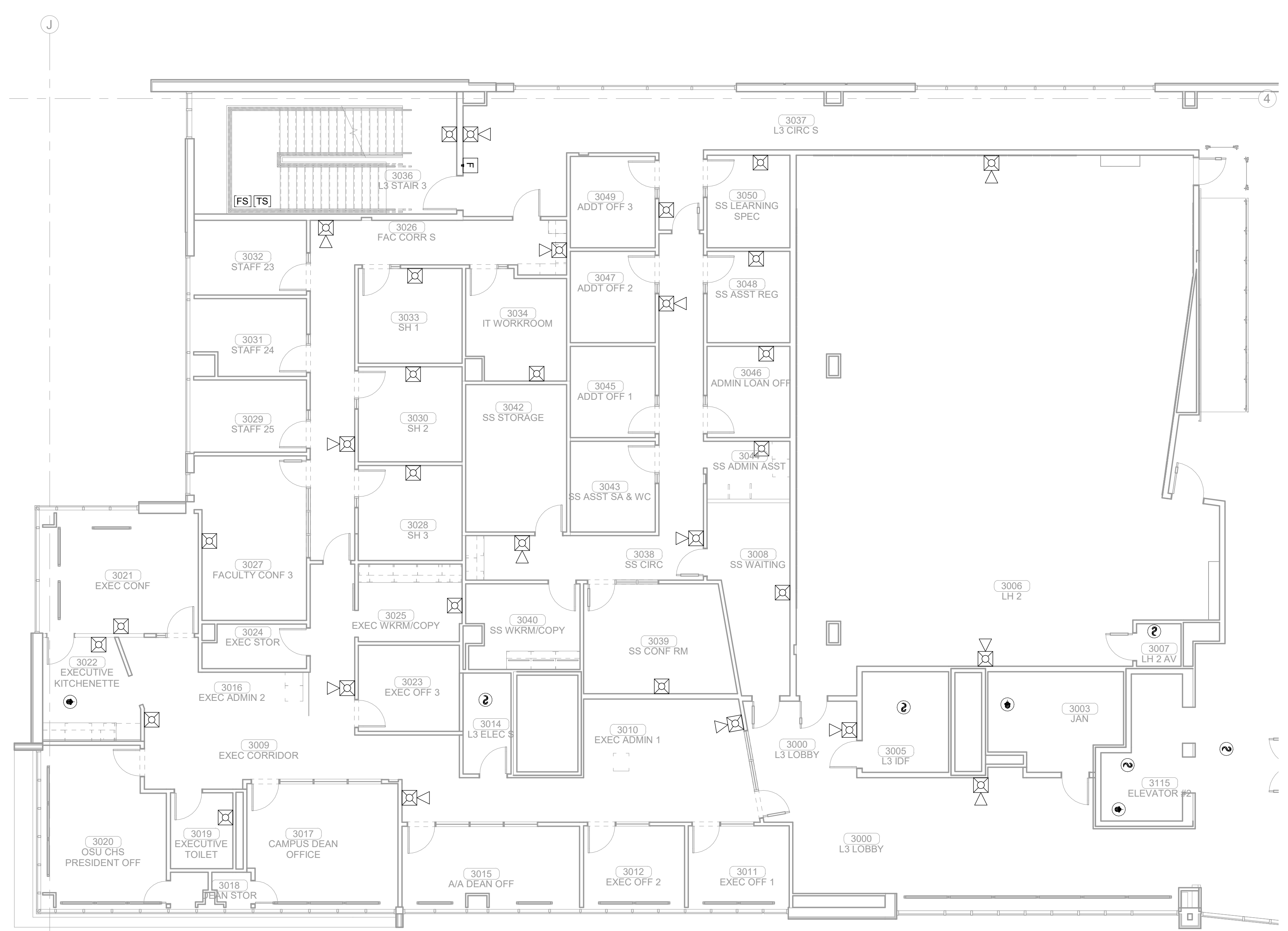
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**CONSTRUCTION DOCUMENTS**

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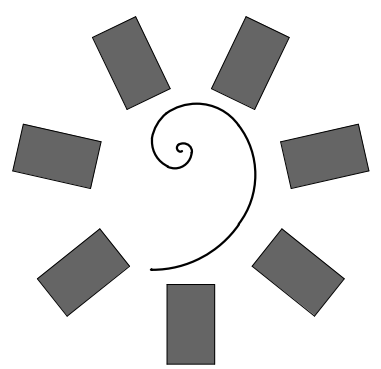
DATE: 08-23-19      JOB NUMBER: 17-13

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**E1.53**

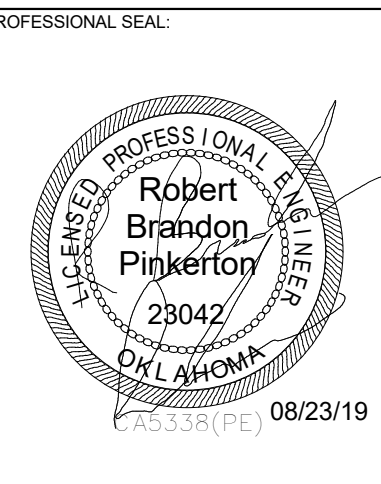
FIRE ALARM LEVEL 03  
SECTOR 02



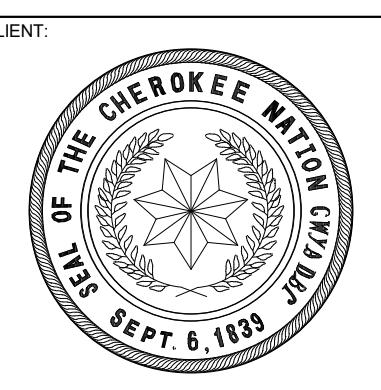
**1 FIRE ALARM LEVEL 03 SECTOR 02**  
1/8" = 1'-0"



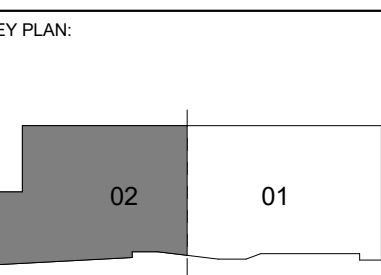
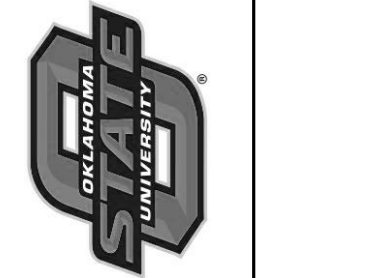
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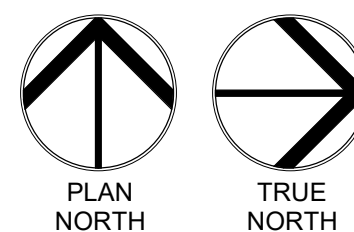
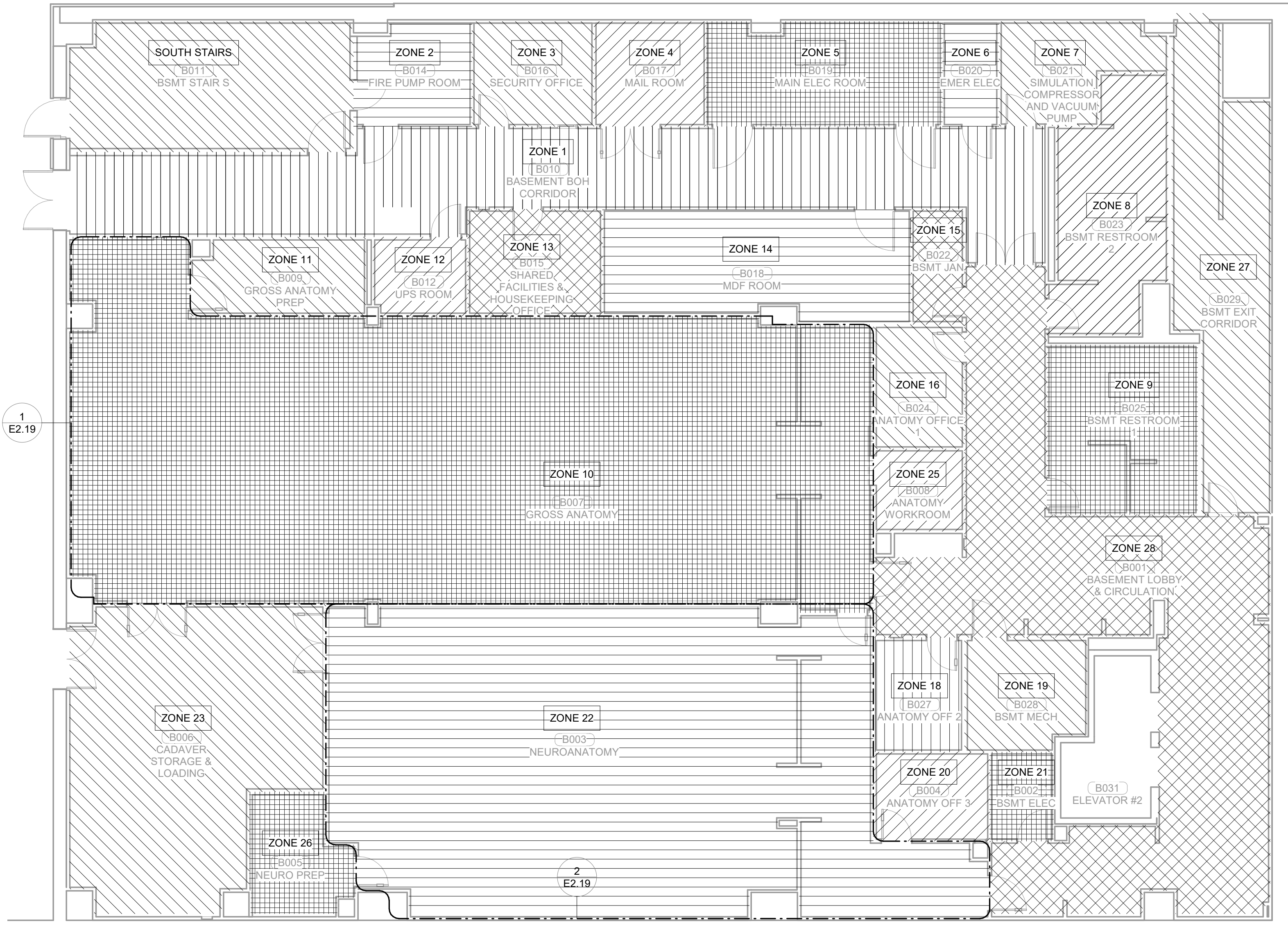
SHEET NUMBER: E2.01

LIGHTING ZONE PLAN - BASEMENT LEVEL

**LUMINAIRE SCHEDULE**

- NOTES:  
1. EC SHALL PROVIDE A SUBMITTAL PACKAGE INCLUDING CUTSHEETS FOR EACH FIXTURE.  
2. EC SHALL PROVIDE ALL ACCESSORIES FOR A COMPLETE ASSEMBLY INCLUDING MOUNTING HARDWARE.  
3. THE MOUNTING TYPE OF EACH FIXTURE SHALL BE COMPATIBLE WITH INSTALLATION SURFACE OF EACH FIXTURE.  
4. ALL FINISHES SHALL BE COORDINATED WITH ARCHITECT AND DOCUMENTED ON SUBMITTALS.

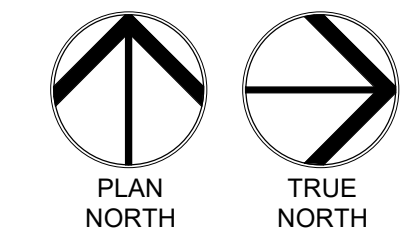
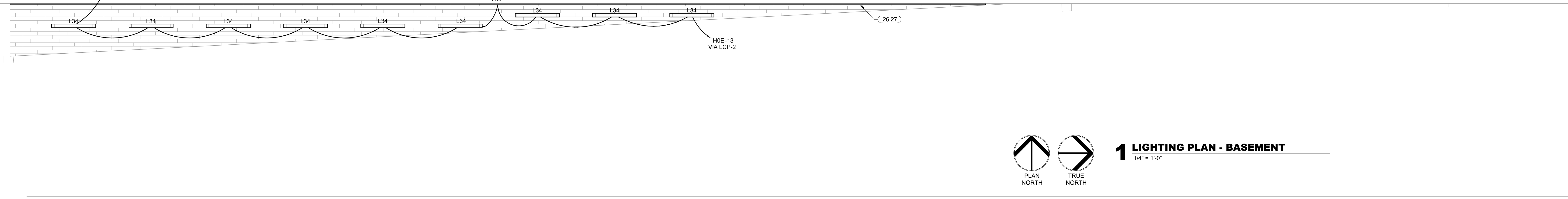
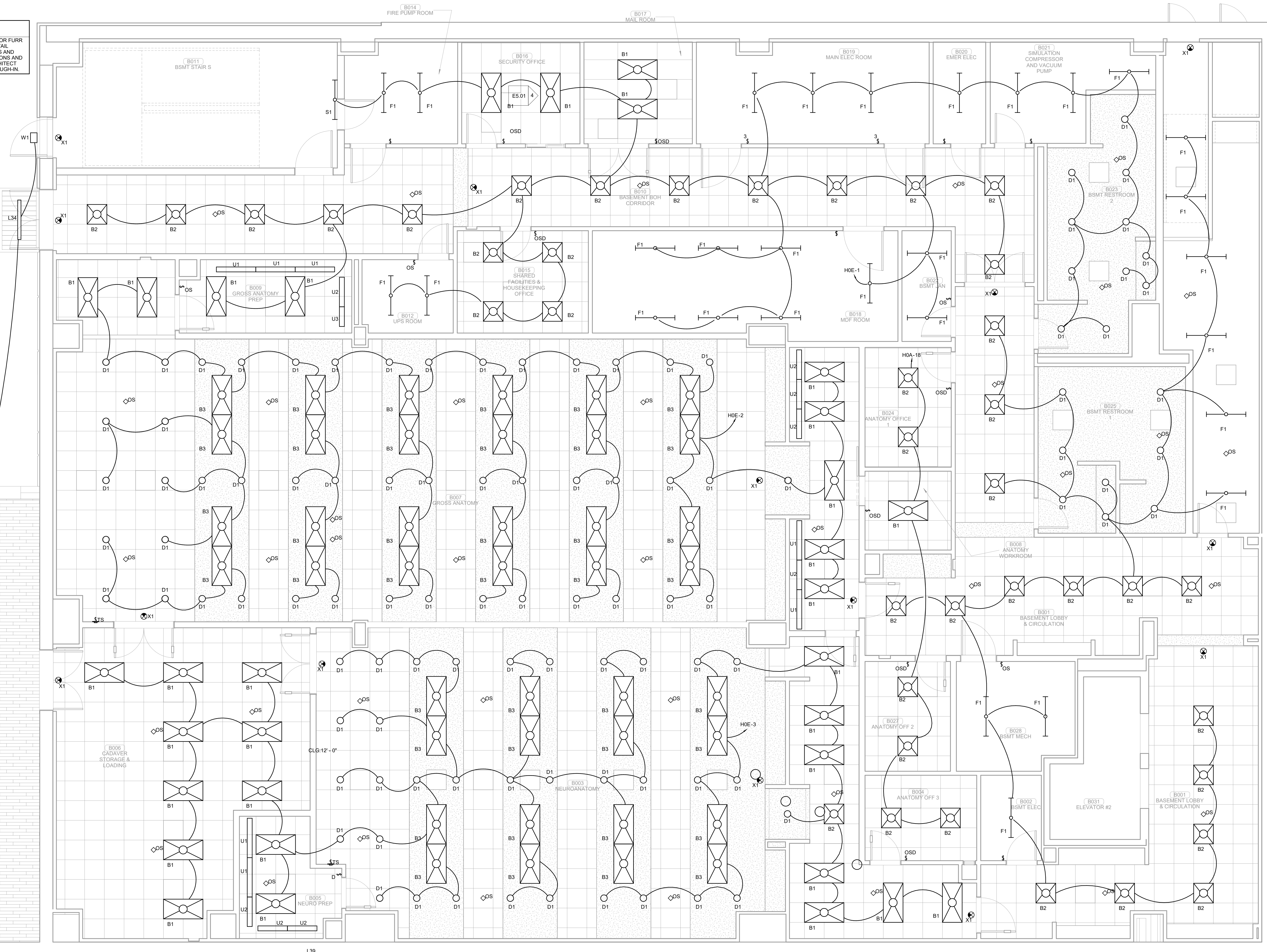
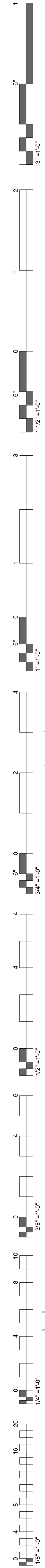
TYPE	COLOR TEMP	LAMP	DIMMING	VOLTS	WATTS	DESCRIPTION	MANUFACTURER
B1	3500K	LED	0-10V	277	36 W	2X4, TROFFER, 4000LM, 80CRI	METALUX - ST - 24C22
B2	3500K	LED	0-10V	277	19 W	2X2, TROFFER, 4000LM, 80CRI	METALUX - ST - 22C22
B3	4000K	LED	0-10V	277	96 W	2X4, TROFFER, 11600LM, 80CRI	WILLIAMS - MDS
D1	LED	LED	10-100%	277	18 W	6", RECESSED, DOWNLIGHT, WHITE, 2000LM, 80CRI	HALO - PD6
F1	LED	NA	NA	277	44 W	4" SURFACE STRIP, 4784LM	METALUX - SLSTP
F2	4000K	LED	NA	277	32 W	4" SURFACE STRIP, 4000LM GENERAL DISTRIBUTION	METALUX - VAPORTITE
K1	4000K	LED	NA	277	84 W	36", SYMMETRICAL 360 DEGREE BOLLARD	HYDREL - 3110C LED
L1	3500K	LED	0-10V	277	28 W	5" 6", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L2	3500K	LED	0-10V	277	60 W	11" 11", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L4	3500K	LED	0-10V	277	40 W	5" 5", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L5	3500K	LED	0-10V	277	286 W	57" 2", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L6	3500K	LED	0-10V	277	160 W	31" 6", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L7	3500K	LED	0-10V	277	62 W	12" 3", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L8	3500K	LED	0-10V	277	111 W	22" 2", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L9	3500K	LED	0-10V	277	29 W	5" 8", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L11	3500K	LED	0-10V	277	501 W	100" 1", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L12	3500K	LED	0-10V	277	105 W	21" LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L13	3500K	LED	0-10V	277	67 W	13" 4", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L14	3500K	LED	0-10V	277	62 W	12" 3", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L15	3500K	LED	0-10V	277	121 W	24" 2", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L16	3500K	LED	0-10V	277	447 W	89" 4", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L18	3500K	LED	0-10V	277	67 W	13" 4", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L19	3500K	LED	0-10V	277	72 W	14" 3", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L20	3500K	LED	0-10V	277	50 W	10" LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L21	3500K	LED	0-10V	277	293 W	58" 7", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L22	3500K	LED	0-10V	277	41 W	8" 2", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L23	3500K	LED	0-10V	277	293 W	58" 5", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L24	3500K	LED	0-10V	277	38 W	7" 6", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L25	3500K	LED	0-10V	277	54 W	10" 8", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L26	3500K	LED	0-10V	277	43 W	8" 6", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L27	3500K	LED	0-10V	277	57 W	11" 6", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L28	3500K	LED	0-10V	277	228 W	45" 6", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L29	3500K	LED	0-10V	277	42 W	8" 4", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L31	3500K	LED	0-10V	277	26 W	5" 7", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L32	3500K	LED	0-10V	277	58 W	11" 5", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L33	3500K	LED	0-10V	277	47 W	9" 5", LED ROPE LIGHT IN 1.5" EXTRUSION, 386 LM PER FT, TRIMLESS FLANGELESS SHEET ROCK EDGE, 85CRI, E.C. TO VERIFY DRIVER TYPE AND ALL PROVIDE ALL NECESSARY ACCESSORIES FOR CUSTOM LENGTH FIXTURES	PURE EDGE - TRULINE 1.6A
L34	3500K	LED	0-10V	277	38 W	4" STANDARD OUTPUT, WET LOCATION LINEAR FIXTURE, FLUSH GYP/ HARD LID, 80CRI, 3086 LM	A-LIGHT - D5
L35	3500K	LED	0-10V	277	179 W	15" 9" SECTION, 31" SECTION, 19" 11" SECTION, CLEAR, STATIC COLOR, STATIC WHITE SERIES 2 IP20	ACOLYTE - AC1 SERIES 2 CHANNEL
L36	3500K	LED	0-10V	277	217 W	19" 9" SECTION, 42" SECTION, 19" 9" SECTION, CLEAR, STATIC COLOR, STATIC WHITE SERIES 2 IP20	ACOLYTE - AC1 SERIES 2 CHANNEL
L37	3500K	LED	0-10V	277	192 W	20" SECTION, 43" 4" SECTION, CLEAR, STATIC COLOR, STATIC WHITE SERIES 2 IP20	ACOLYTE - AC1 SERIES 2 CHANNEL
L38	3500K	LED	NA	277	225 W	12" 1" SECTION, 15" 9" SECTION, 4" SECTION, CLEAR, STATIC COLOR, STATIC WHITE SERIES 2 IP20	ACOLYTE - AC1 SERIES 2 CHANNEL
L39	3500K	LED	NA	277	265 W	88" 4", CLEAR, STATIC COLOR, STATIC WHITE SERIES 2 IP20	ACOLYTE - AC1 SERIES 2 CHANNEL
P1	3500K	LED	0-10V	277	37 W	8", PENDANT, CABLE, 4801LM	GLIGHTING - SIDNEY
P2	3500K	LED	0-10V	120	37 W	6.75", PENDANT, CABLE, 1000LM, AMBER	NICHE - AXIA
Q1	4000K	HALOGEN	NA	120	100 W	2X2, RECESS MOUNTED, STROBE-GUIDED REMOTE CONTROL	SKYTRON - AR24 ARGOS II
S1	3500K	LED	STANDARD	277	38 W	4" STAIR LIGHTER STRIP, INTEGRATED OCCUPANCY SENSOR, 4015LM	METALUX - SWLED
SL1	4000K	LED	NA	277	684 W	25" POLE LIGHT 4 SQUARES, TYPE 4 WITH FORWARD THROW, BLACK, TRIPLE 2, 24074 LM	EATON - GLNA
U1	3500K	LED	NA	120	50 W	4", UNDERCABINET LIGHT, EDC-1	FAIL-SAFE - UCL
U2	3500K	LED	NA	120	26 W	3", UNDERCABINET LIGHT, EDC-1	FAIL-SAFE - UCL
U3	3500K	LED	NA	120	18 W	2", UNDERCABINET LIGHT, EDC-1	FAIL-SAFE - UCL
W1	4000K	LED	NA	277	18 W	WALL PACK, DOWN THROW, 1750 LM BLACK, WIDE FLOOD	FC LIGHTING - FCW1033
W2	4000K	LED	NA	277	54 W	WALL PACK, UP/DOWN THROW, 2125 LM, BLACK, WIDE FLOOD	FC LIGHTING - FCW1034
W3	4000K	LED	NA	277	18 W	WALL PACK, UP THROW, 1750 LM BLACK, WIDE FLOOD	FC LIGHTING - FCW1033
X1	4000K	LED	NA	277	5 W	EXIT SIGN, EDGE LIT, SELF DIAGNOSTIC, RED LETTERS, WHITE, EMERGENCY	SURE LITES - ELUX



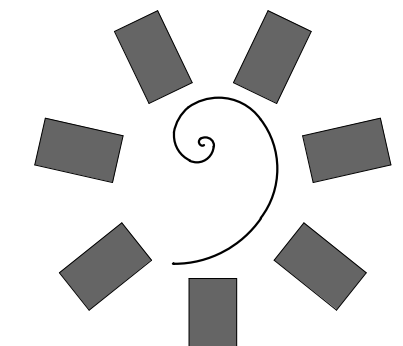
**1 LIGHTING ZONE PLAN BASEMENT LEVEL SECTOR 02**  
1/8" = 1'-0"

**KEYNOTES**

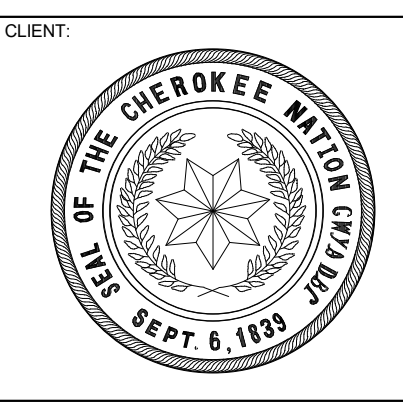
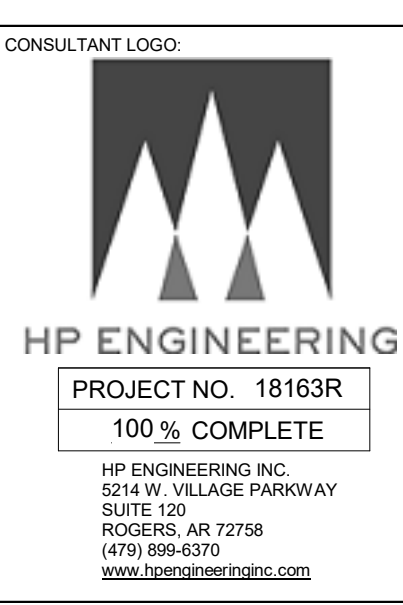
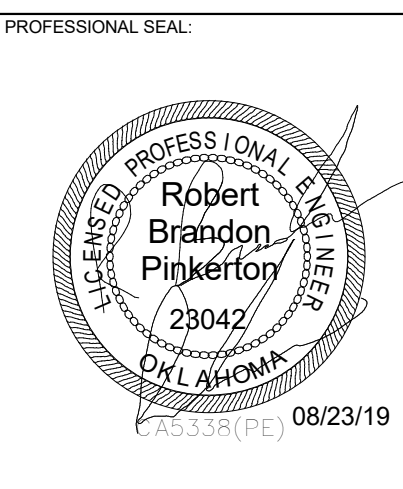
26.27 LIGHT FIXTURE TO BE MOUNTED IN EXTERIOR FURR OUT. REFER TO ARCHITECTURAL PLAN DETAIL AS 04.07 FOR EXACT MOUNTING LOCATIONS AND HEIGHTS. COORDINATE MOUNTING LOCATIONS AND ALL MOUNTING REQUIREMENTS WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN.



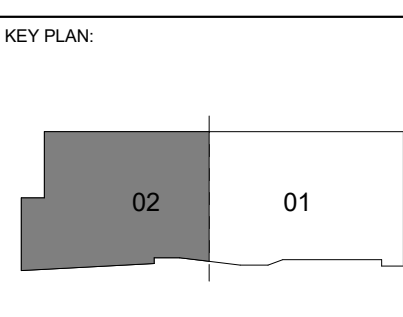
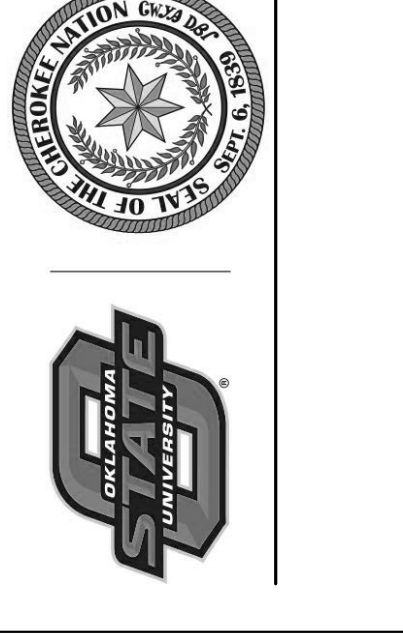
**1 LIGHTING PLAN - BASEMENT**  
1/4" = 1'-0"



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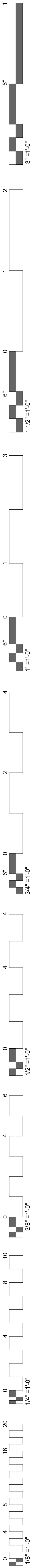
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CONSTRUCTION DOCUMENTS

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SHEET NUMBER:  
**E2.02**

LIGHTING PLAN BASEMENT  
LEVEL SECTOR 02

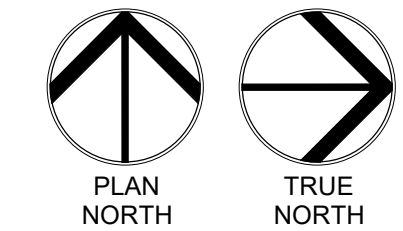
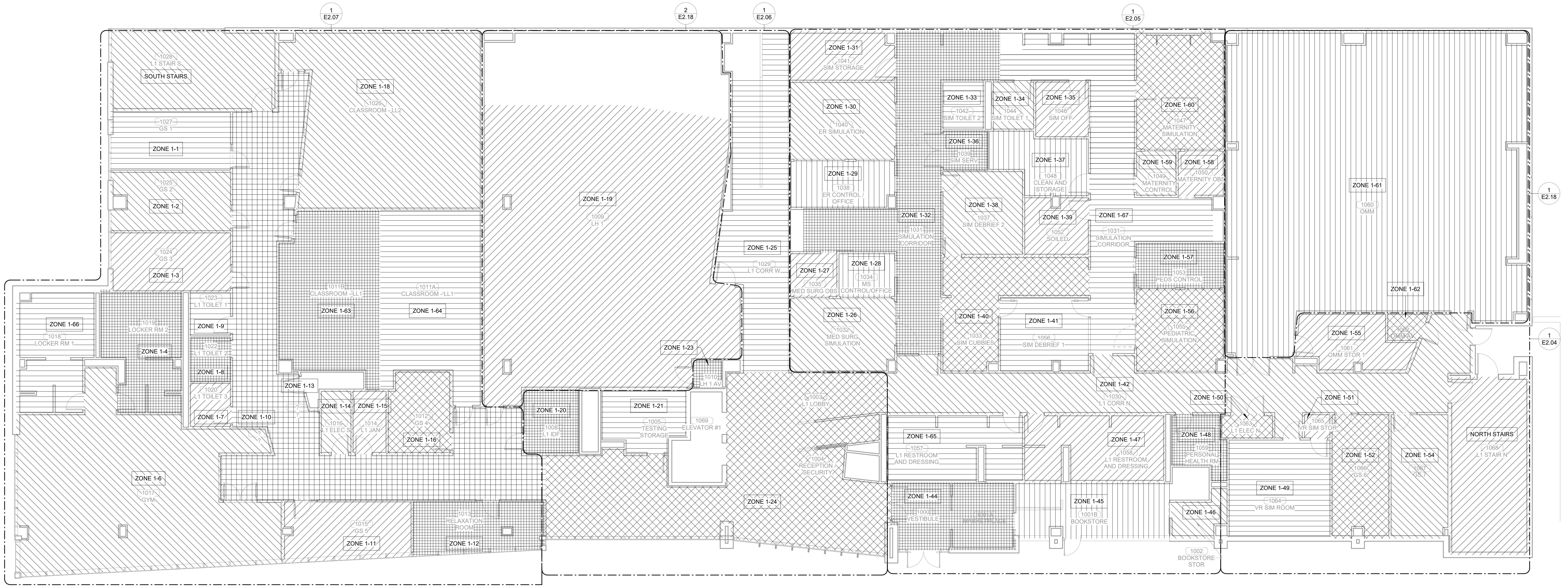


### LIGHTING ZONE SCHEDULE

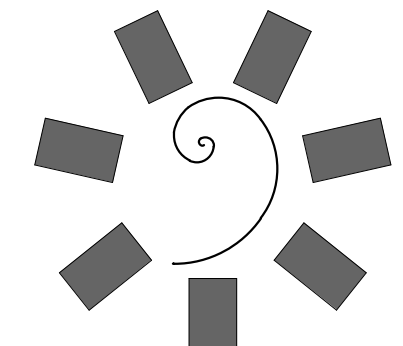
ZONE	EMERGENCY EGRESS	OCCUPANCY SENSOR	SWITCH TYPE	MOTORIZED SHADING
NORTH STAIRS	YES	INTEGRATED OCC SENSOR	NA	NA
SOUTH STAIRS	YES	INTEGRATED OCC SENSOR	NA	NA
ZONE 1-1	YES	CEILING	NA	NA
ZONE 1-2	YES	CEILING	NA	NA
ZONE 1-3	YES	CEILING	NA	NA
ZONE 1-4	YES	CEILING	NA	NA
ZONE 1-6	YES	CEILING	NA	NA
ZONE 1-7	YES	SWITCH	OS	NA
ZONE 1-8	YES	SWITCH	OS	NA
ZONE 1-9	YES	SWITCH	OS	NA
ZONE 1-10	YES	CEILING	NA	NA
ZONE 1-11	YES	CEILING	NA	NA
ZONE 1-12	NO	CEILING	DIMMER	NA
ZONE 1-13	NO	SWITCH	OS	NA
ZONE 1-14	YES	NA	MANUAL	NA
ZONE 1-15	NO	SWITCH	OS	NA
ZONE 1-16	YES	CEILING	NA	NA
ZONE 1-18	YES	CEILING	PB	YES
ZONE 1-19	YES	CEILING	TS	YES
ZONE 1-20	NO	SWITCH	OS	NA
ZONE 1-21	NO	SWITCH	OS	NA
ZONE 1-23	NO	SWITCH	OS	NA
ZONE 1-24	YES	CEILING	NA	NA
ZONE 1-25	YES	CEILING	NA	NA
ZONE 1-26	YES	NA	DIMMER	NA
ZONE 1-27	NO	SWITCH	DIMMER/OS	NA
ZONE 1-28	NO	SWITCH	DIMMER/OS	NA
ZONE 1-29	NO	CEILING	DIMMER	NA
ZONE 1-30	YES	NA	DIMMER	NA
ZONE 1-31	NO	SWITCH	OS	NA
ZONE 1-32	YES	CEILING	NA	NA

### LIGHTING ZONE SCHEDULE

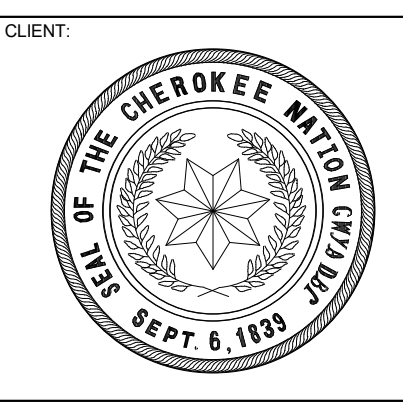
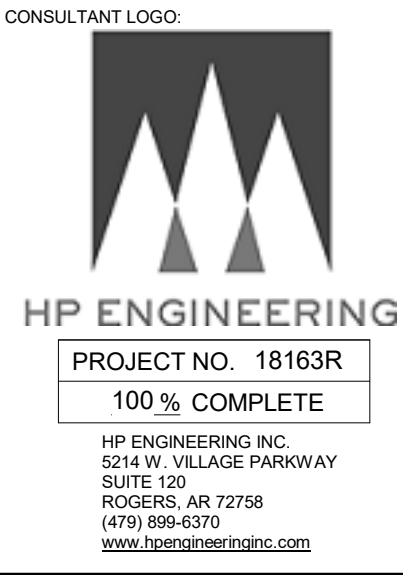
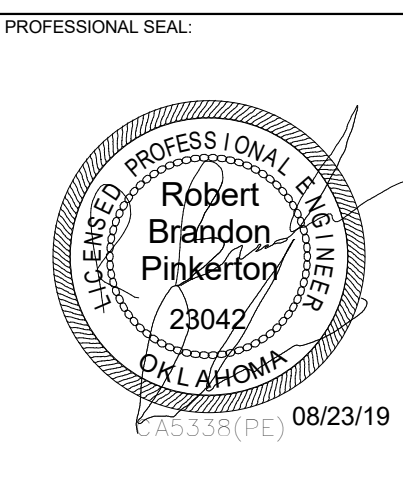
ZONE	EMERGENCY EGRESS	OCCUPANCY SENSOR	SWITCH TYPE	MOTORIZED SHADING
ZONE 1-33	YES	SWITCH	OS	NA
ZONE 1-34	YES	SWITCH	OS	NA
ZONE 1-35	NO	SWITCH	DIMMER/OS	NA
ZONE 1-36	NO	SWITCH	OS	NA
ZONE 1-37	NO	SWITCH	OS	NA
ZONE 1-38	NO	CEILING	DIMMER	NA
ZONE 1-39	NO	SWITCH	OS	NA
ZONE 1-40	YES	CEILING	NA	NA
ZONE 1-41	NO	CEILING	DIMMER	NA
ZONE 1-42	YES	CEILING	NA	NA
ZONE 1-44	YES	CEILING	NA	NA
ZONE 1-45	YES	CEILING	NA	NA
ZONE 1-46	NO	SWITCH	OS	NA
ZONE 1-47	YES	CEILING	NA	NA
ZONE 1-48	YES	CEILING	DIMMER	NA
ZONE 1-49	NO	CEILING	PB	NA
ZONE 1-50	YES	NA	MANUAL	NA
ZONE 1-51	NO	SWITCH	OS	NA
ZONE 1-52	YES	CEILING	NA	NA
ZONE 1-54	YES	CEILING	NA	NA
ZONE 1-55	NO	SWITCH	OS	NA
ZONE 1-56	YES	NA	DIMMER	NA
ZONE 1-57	NO	CEILING	DIMMER/OS	NA
ZONE 1-58	NO	SWITCH	DIMMER/OS	NA
ZONE 1-59	NO	SWITCH	DIMMER/OS	NA
ZONE 1-60	YES	NA	DIMMER	NA
ZONE 1-61	YES	CEILING	TS	YES
ZONE 1-62	NO	SWITCH	OS	NA
ZONE 1-63	YES	CEILING	PB	NA
ZONE 1-64	YES	CEILING	PB	NA
ZONE 1-65	YES	CEILING	NA	NA
ZONE 1-66	YES	CEILING	NA	NA
ZONE 1-67	YES	CEILING	NA	NA
ZONE 1-68	YES	CEILING	NA	NA



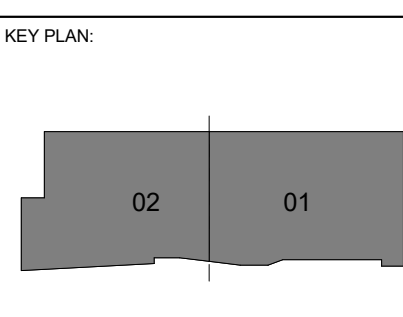
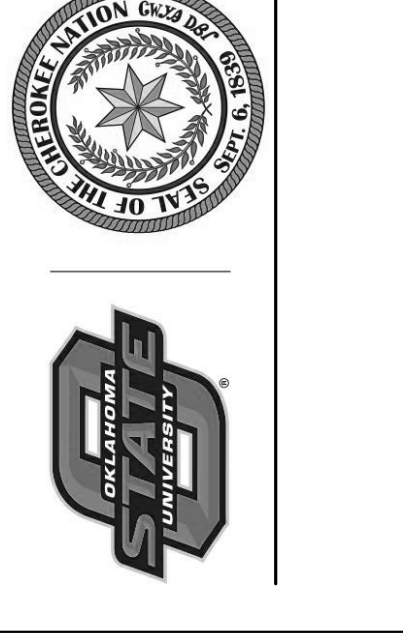
**1 LIGHTING ZONE PLAN - LEVEL 01**  
1/8" = 1'-0"



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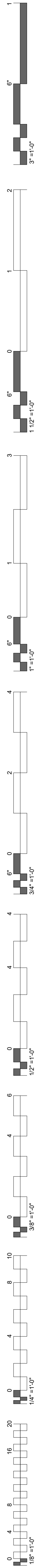
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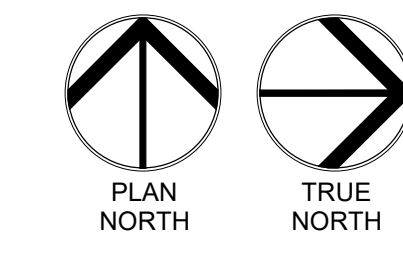
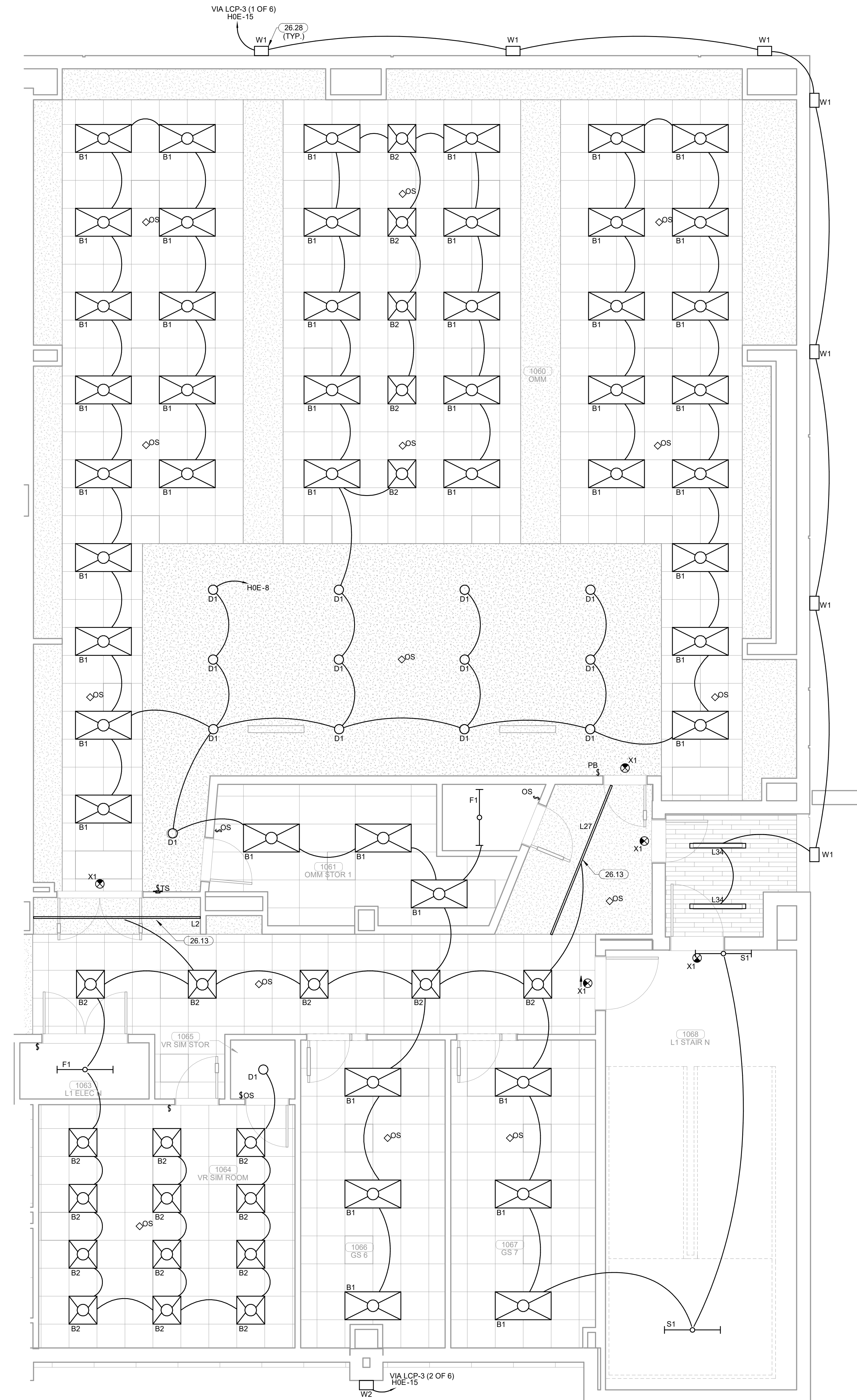
DATE: 08-23-19 JOB NUMBER: 17-13

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**E2.03**

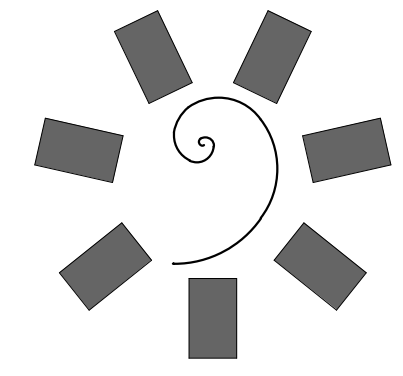
LIGHTING ZONE PLAN - LEVEL 1



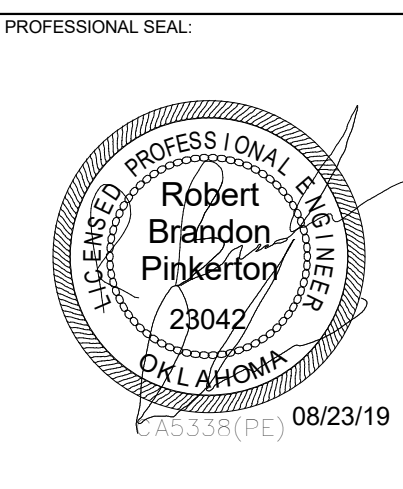
**KEYNOTES**  
 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.  
 26.28 REFER TO ELEVATIONS ON SHEETS E5.06, E5.07 AND E5.08 FOR MOUNTING HEIGHTS.



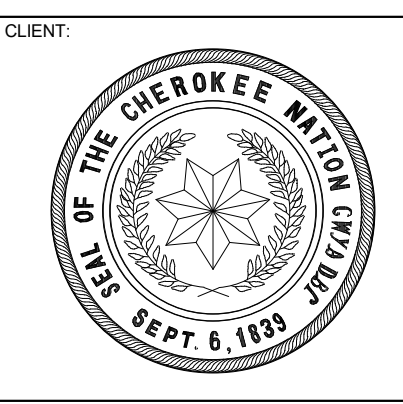
**1 ENLARGED LIGHTING PLAN LEVEL 01 SECTOR 01**  
 1/4" = 1'-0"



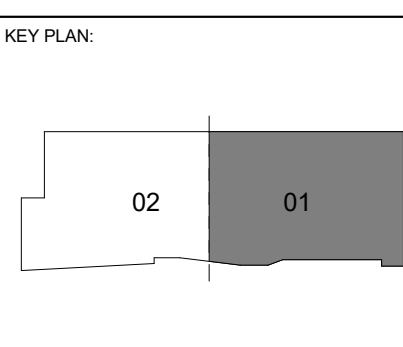
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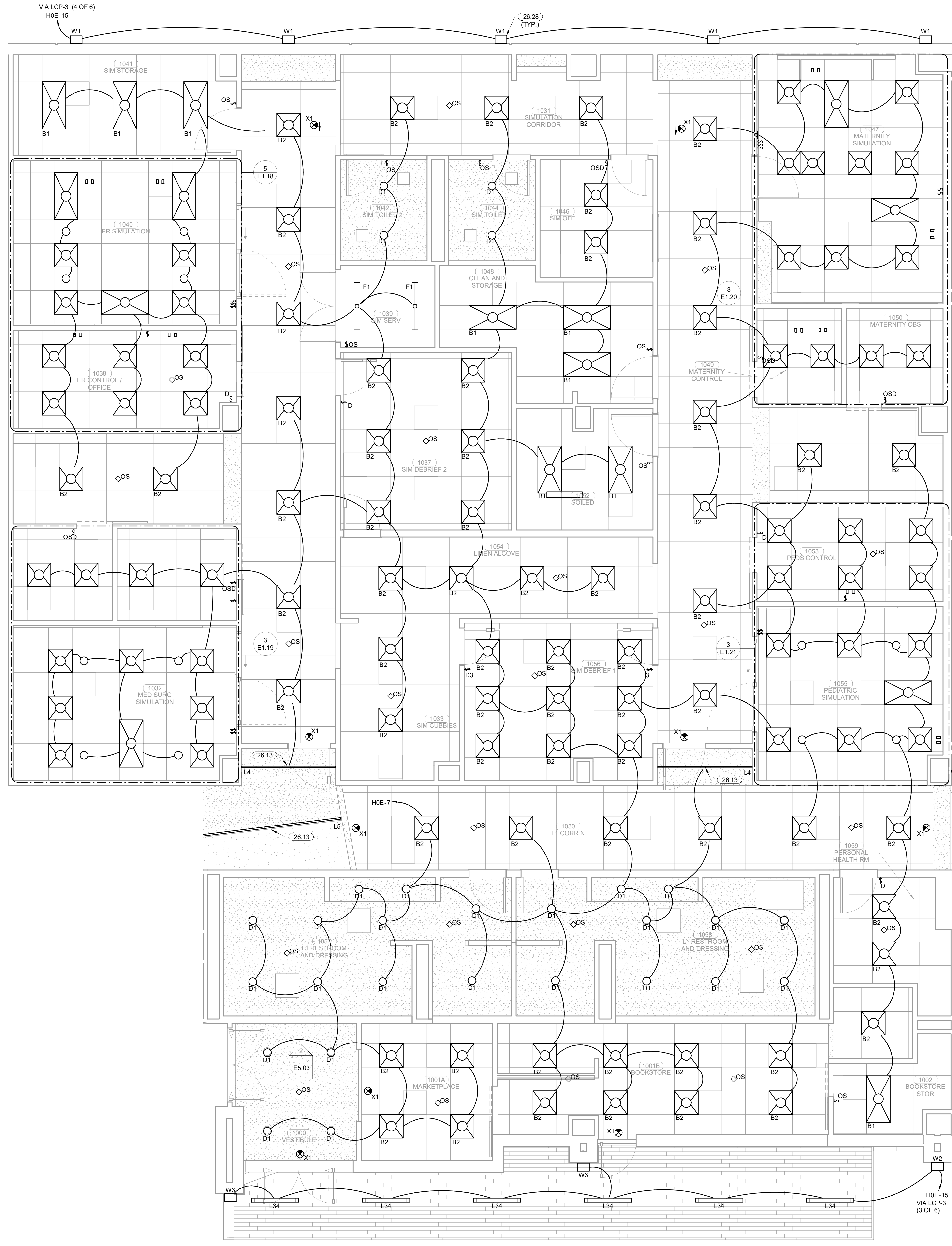
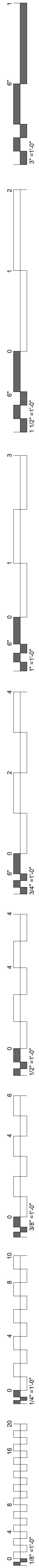
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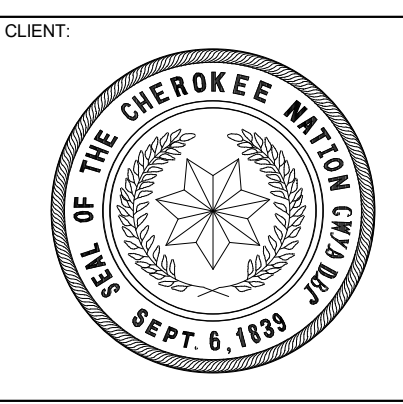
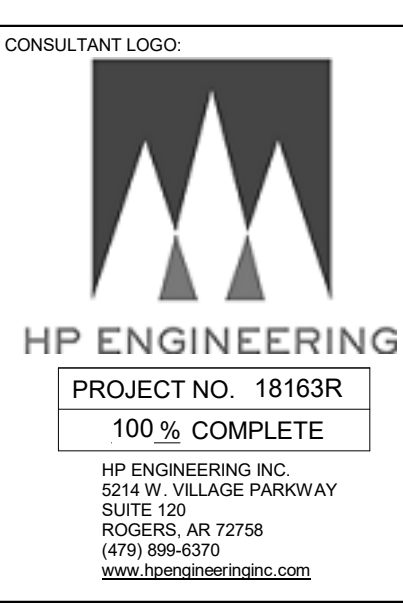
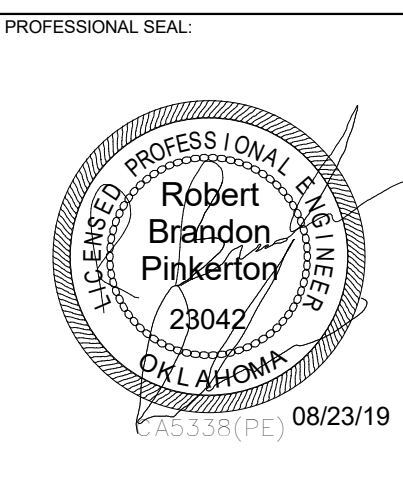
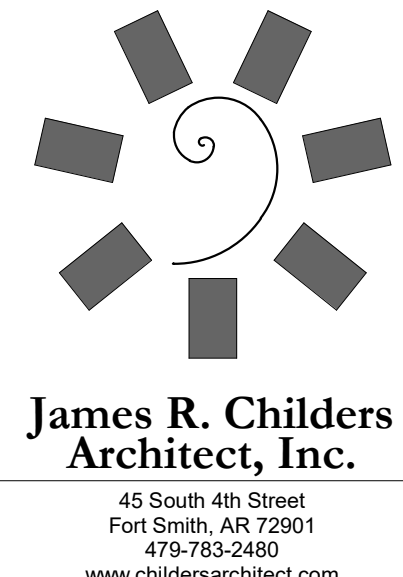
**DATE:** 08-23-19      **JOB NUMBER:** 17-13

**SHEET NUMBER:** E2.04

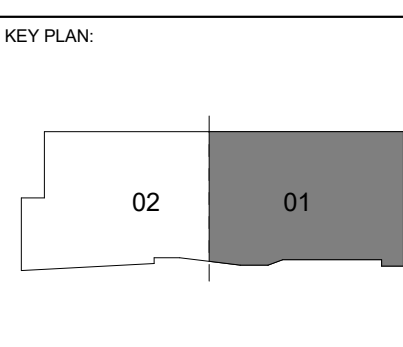
ENLARGED LIGHTING PLAN  
 LEVEL 01 SECTOR 01



**KEYNOTES**  
 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.  
 26.28 REFER TO ELEVATIONS ON SHEETS E5.06, E5.07 AND E5.08 FOR MOUNTING HEIGHTS.



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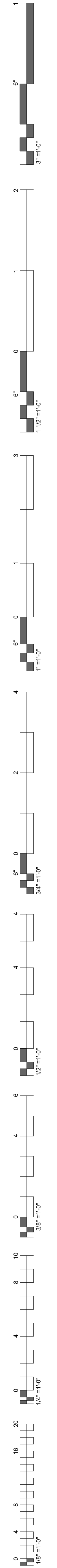
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E2.05**

ENLARGED LIGHTING PLAN  
 LEVEL 01 SECTOR 01

**1 ENLARGED LIGHTING PLAN LEVEL 01 SECTOR 01**  
 1/4" = 1'-0"



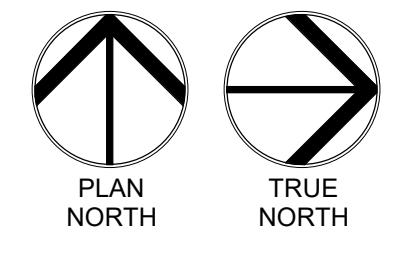


**KEYNOTES**

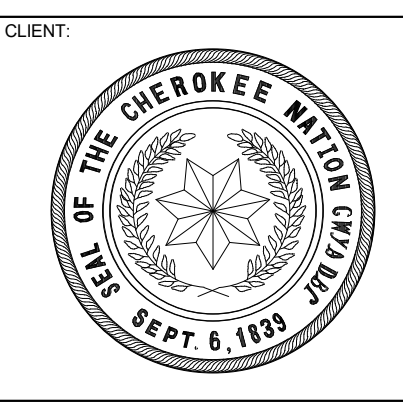
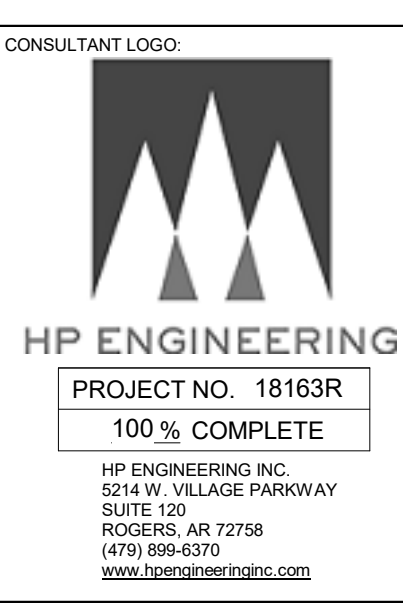
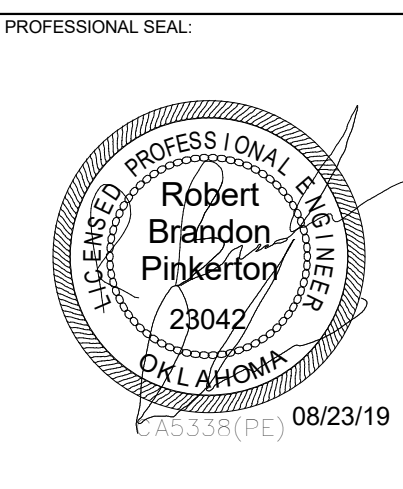
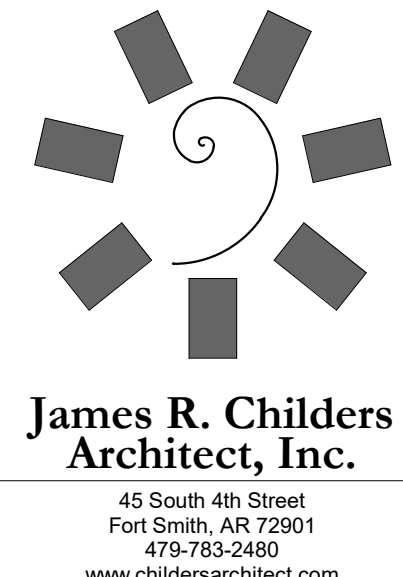
26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.

26.15 LIGHT FIXTURE TO BE MOUNTED IN A CONTINUOUS RUN. IN THIS AREA, LIGHT FIXTURE WILL RUN VERTICAL FROM 13'2" SOFIT TO 13' 6" SOFIT. AFTER VERTICAL RUN LIGHT FIXTURE WILL CONTINUE TO RUN HORIZONTAL AT 13' 6" SOFIT. COORDINATE MOUNTING AND EXACT LOCATION OF VERTICAL CONTINUOUS RUN WITH ARCHITECT AND FRAMERS PRIOR TO ROUGH-IN.

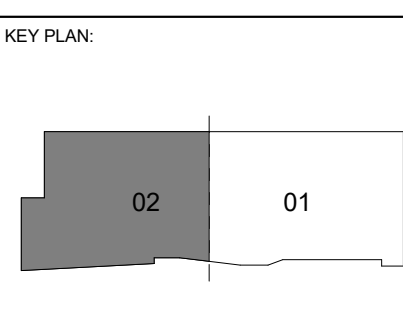
26.28 REFER TO ELEVATIONS ON SHEETS E5.06, E5.07 AND E5.08 FOR MOUNTING HEIGHTS.



**1 ENLARGED LIGHTING PLAN LEVEL 01 SECTOR 02**  
1/4" = 1'-0"



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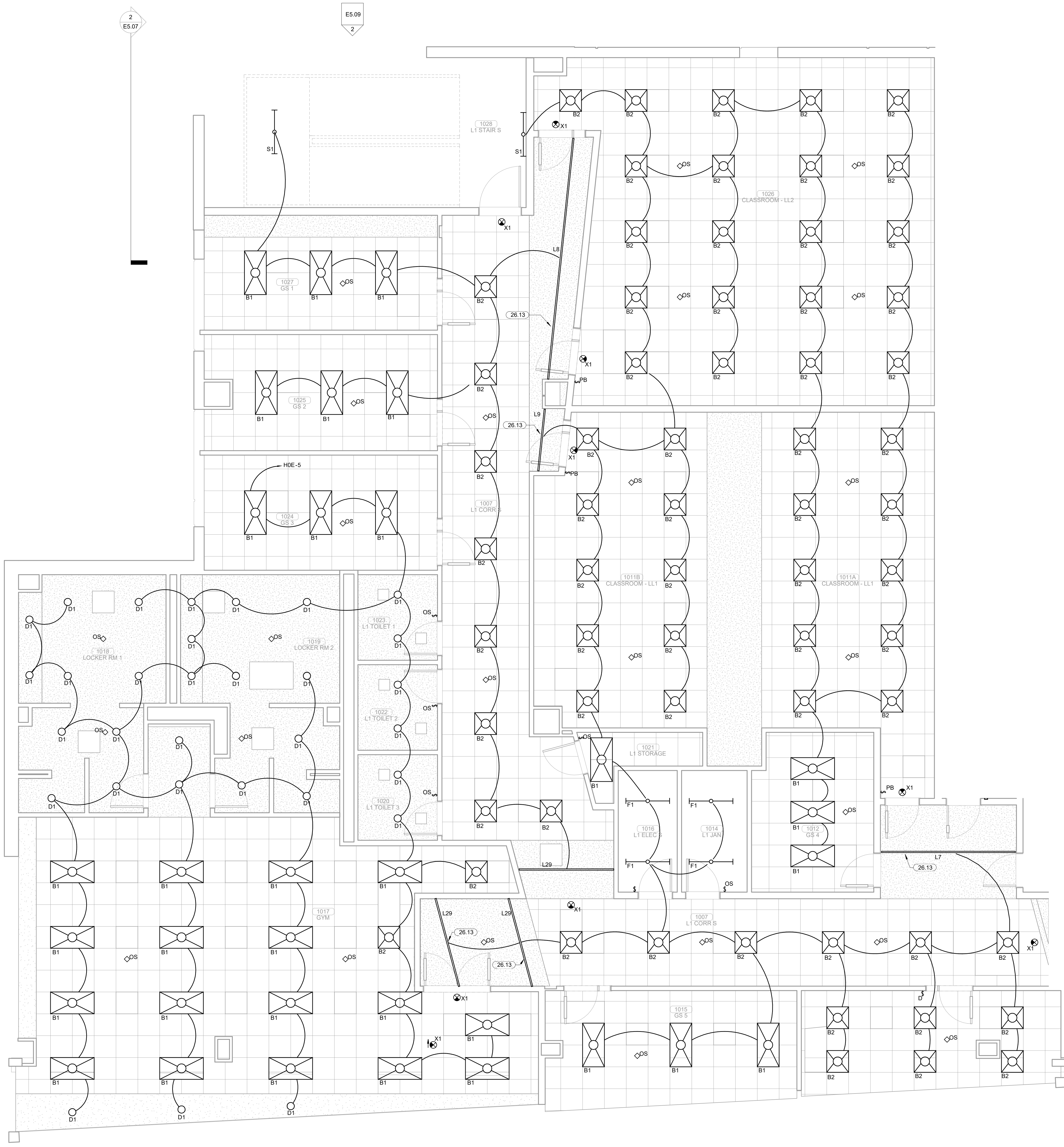
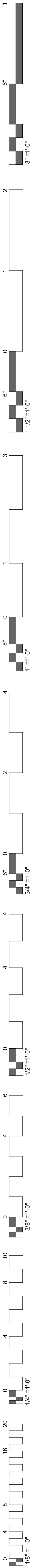
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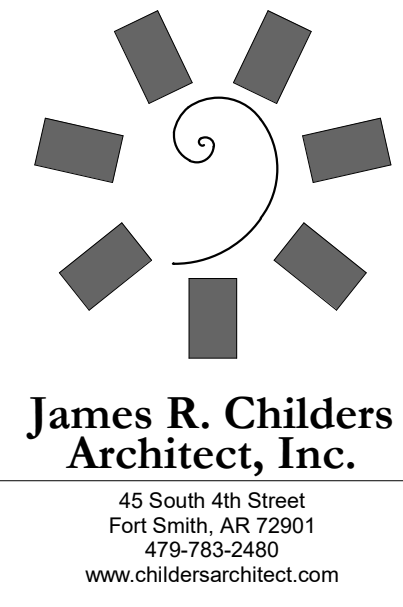
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER: E2.06

ENLARGED LIGHTING PLAN LEVEL 01 SECTOR 02



**KEYNOTES**  
 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.

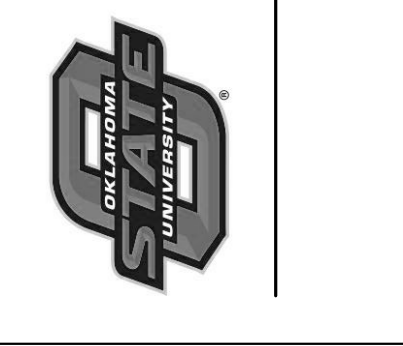


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**KEY PLAN**  
 02 01

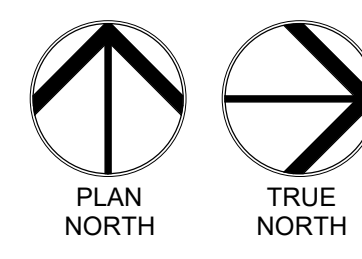
**PROJECT PHASE**  
 CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS	DESCRIPTION

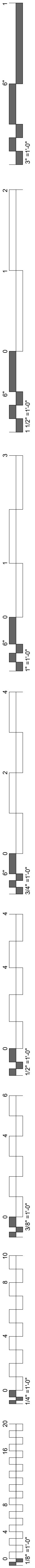
**DATE:** 08-23-19 **JOB NUMBER:** 17-13

**SHEET NUMBER:** E2.07

ENLARGED LIGHTING PLAN  
 LEVEL 01 SECTOR 02

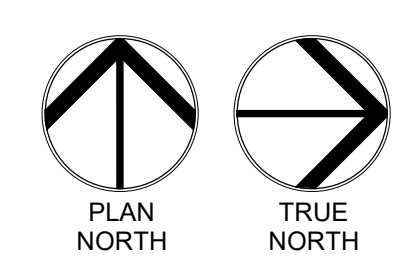
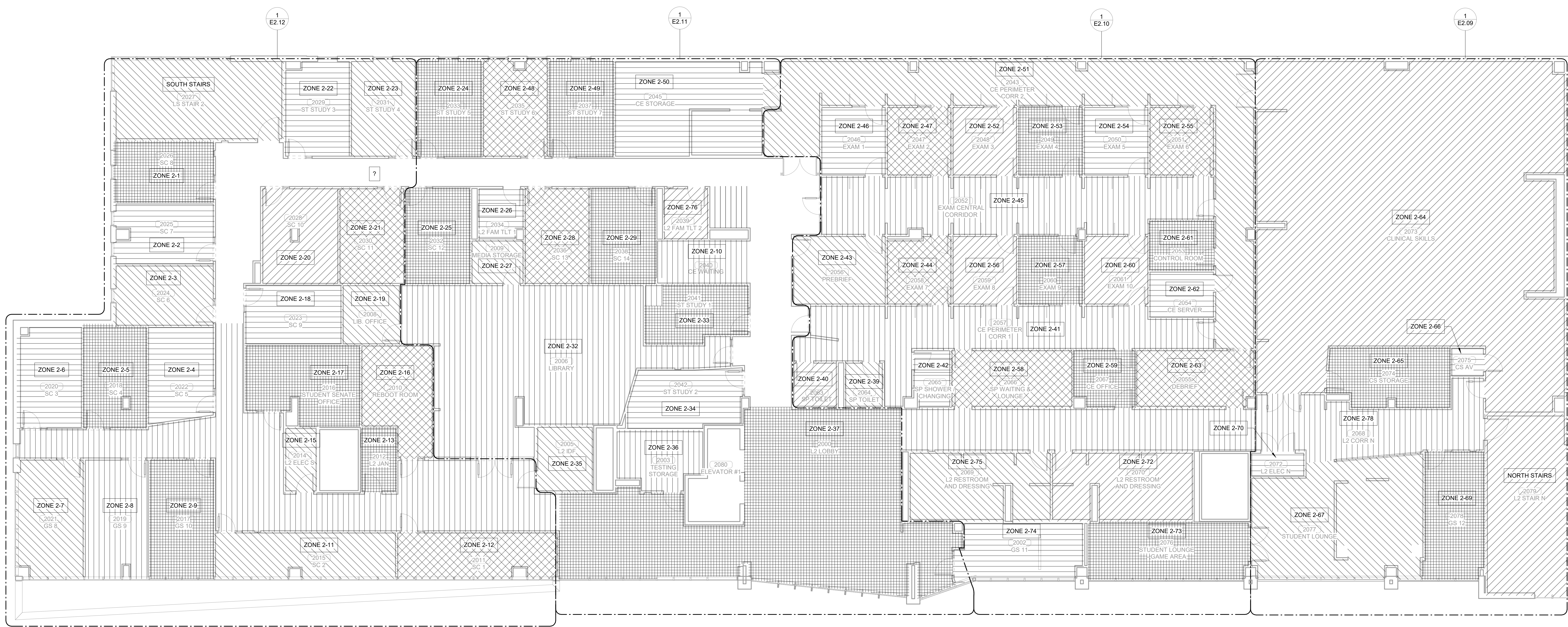


**1 ENLARGED LIGHTING PLAN LEVEL 01 SECTOR 02**  
 1/4" = 1'-0"

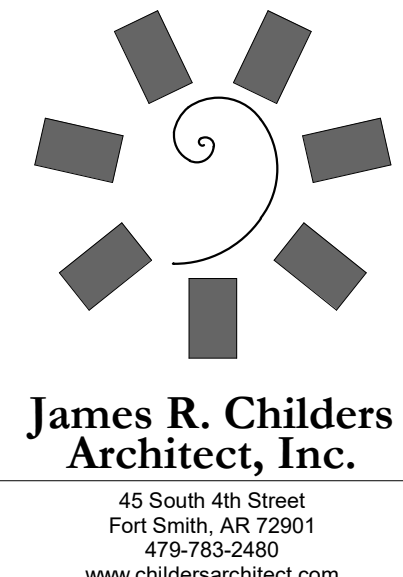


LIGHTING ZONE SCHEDULE				
WWT	EMERGENCY EGRESS	OCCUPANCY SENSOR	SWITCH TYPE	MOTORIZED SHADING
NORTH STAIRS	YES	INTEGRATED OCC SENSOR	NA	NA
SOUTH STAIRS	YES	INTEGRATED OCC SENSOR	NA	NA
ZONE 2-1	YES	CEILING	MANUAL	NA
ZONE 2-2	YES	CEILING	MANUAL	NA
ZONE 2-3	YES	CEILING	MANUAL	NA
ZONE 2-4	YES	CEILING	MANUAL	NA
ZONE 2-5	YES	CEILING	MANUAL	NA
ZONE 2-6	YES	CEILING	MANUAL	NA
ZONE 2-7	YES	CEILING	NA	NA
ZONE 2-8	YES	CEILING	NA	NA
ZONE 2-9	YES	CEILING	NA	NA
ZONE 2-10	YES	CEILING	NA	NA
ZONE 2-11	YES	CEILING	MANUAL	NA
ZONE 2-12	YES	CEILING	MANUAL	NA
ZONE 2-13	NO	SWITCH	OS	NA
ZONE 2-15	YES	NA	MANUAL	NA
ZONE 2-16	NO	CEILING	DIMMER	NA
ZONE 2-17	YES	CEILING	DIMMER	NA
ZONE 2-18	YES	CEILING	MANUAL	NA
ZONE 2-19	NO	SWITCH	DIMMER/ OS	NA
ZONE 2-20	YES	CEILING	MANUAL	NA
ZONE 2-21	YES	CEILING	MANUAL	NA
ZONE 2-22	YES	CEILING	DIMMER	NA
ZONE 2-23	YES	CEILING	DIMMER	NA
ZONE 2-24	YES	CEILING	MANUAL	NA
ZONE 2-25	YES	CEILING	MANUAL	NA
ZONE 2-26	YES	SWITCH	OS	NA
ZONE 2-27	NO	SWITCH	OS	NA
ZONE 2-28	YES	CEILING	MANUAL	NA
ZONE 2-29	YES	CEILING	MANUAL	NA
ZONE 2-32	YES	CEILING	MANUAL	NA
ZONE 2-33	YES	CEILING	MANUAL	NA
ZONE 2-34	YES	CEILING	MANUAL	NA
ZONE 2-35	NO	SWITCH	OS	NA
ZONE 2-36	NO	SWITCH	OS	NA
ZONE 2-37	YES	CEILING	NA	NA
ZONE 2-39	YES	SWITCH	OS	NA

LIGHTING ZONE SCHEDULE				
WWT	EMERGENCY EGRESS	OCCUPANCY SENSOR	SWITCH TYPE	MOTORIZED SHADING
ZONE 2-40	YES	SWITCH	OS	NA
ZONE 2-41	YES	CEILING	NA	NA
ZONE 2-42	YES	SWITCH	OS	NA
ZONE 2-43	YES	CEILING	DIMMER	NA
ZONE 2-44	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-45	YES	CEILING	NA	NA
ZONE 2-46	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-47	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-48	YES	CEILING	MANUAL	NA
ZONE 2-49	YES	CEILING	MANUAL	NA
ZONE 2-50	NO	CEILING	NA	NA
ZONE 2-51	YES	CEILING	NA	NA
ZONE 2-52	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-53	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-54	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-55	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-56	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-57	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-58	YES	CEILING	DIMMER	NA
ZONE 2-59	NO	CEILING	DIMMER	NA
ZONE 2-60	YES	SWITCH	DIMMER/ OS	NA
ZONE 2-61	NO	SWITCH	DIMMER/ OS	NA
ZONE 2-62	NO	SWITCH	OS	NA
ZONE 2-63	YES	CEILING	DIMMER	NA
ZONE 2-64	YES	CEILING	TS	YES
ZONE 2-65	NO	SWITCH	OS	NA
ZONE 2-66	NO	SWITCH	OS	NA
ZONE 2-67	YES	CEILING	DIMMER	NA
ZONE 2-69	YES	CEILING	NA	NA
ZONE 2-70	YES	NA	MANUAL	NA
ZONE 2-72	YES	CEILING	NA	NA
ZONE 2-73	YES	CEILING	DIMMER	NA
ZONE 2-74	YES	CEILING	NA	NA
ZONE 2-75	YES	CEILING	NA	NA
ZONE 2-76	YES	SWITCH	OS	NA
ZONE 2-78	YES	CEILING	NA	NA
ZONE 2-79	YES	CEILING	NA	NA



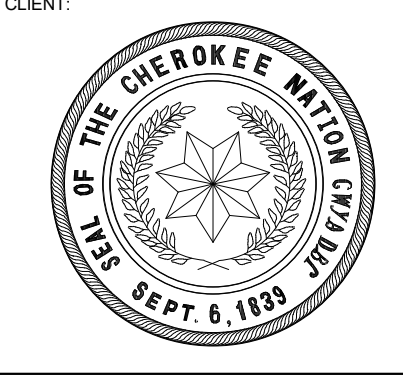
**1 LIGHTING ZONE PLAN - LEVEL 02**  
1/8" = 1'-0"



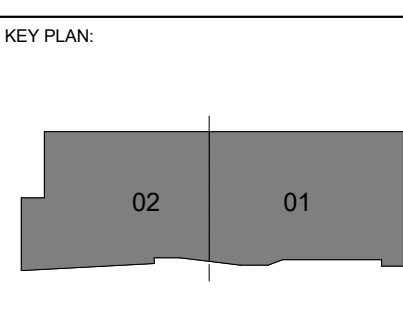
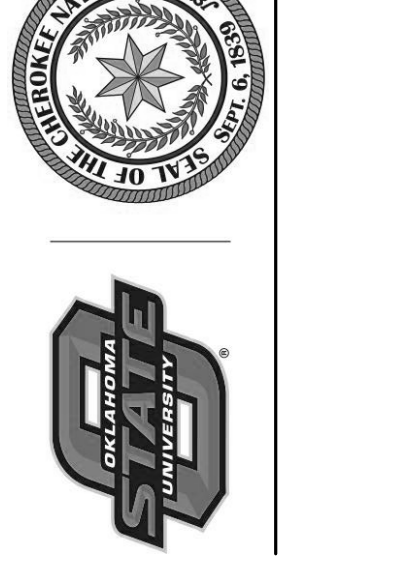
**James R. Childers**  
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PROFESSIONAL SEAL  
Robert Brandon Pritchett  
73042  
DPL ALA 08/23/19

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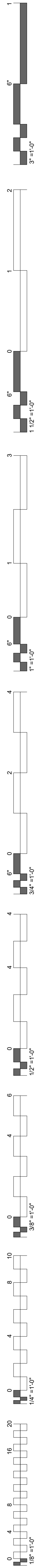
PROJECT PHASE  
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

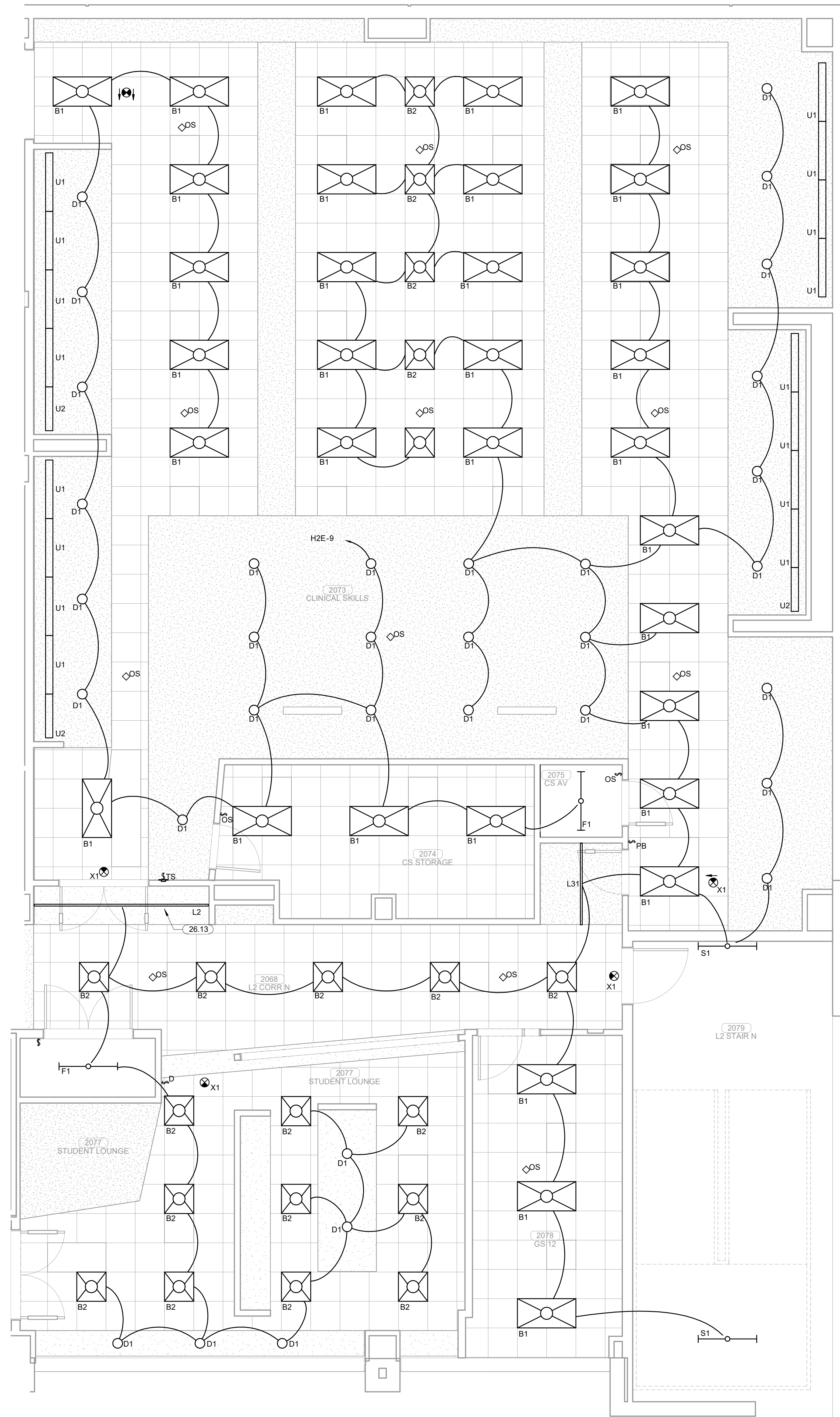
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
**E2.08**

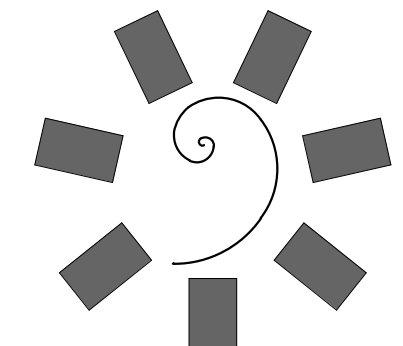
LIGHTING ZONE PLAN - LEVEL 2



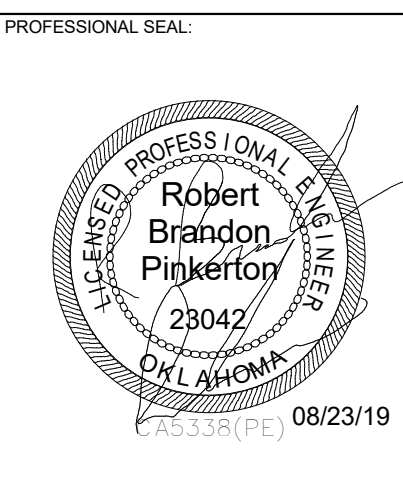
**KEYNOTES**  
 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.




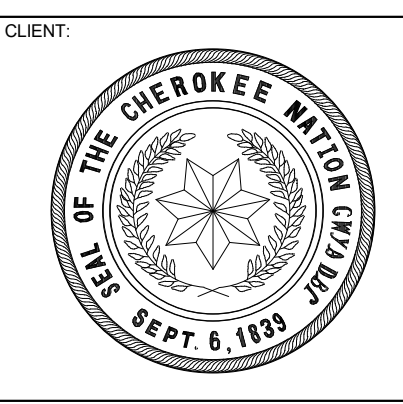
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**1 ENLARGED LIGHTING PLAN LEVEL 02 SECTOR 01**  
 1/4" = 1'-0"



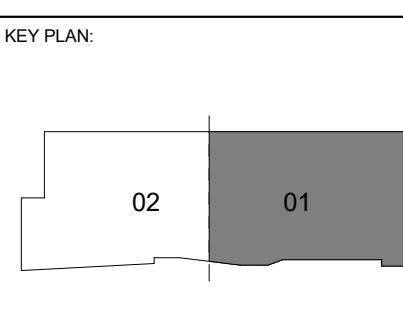
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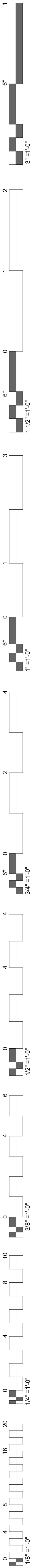
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 CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

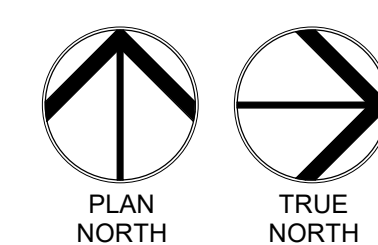
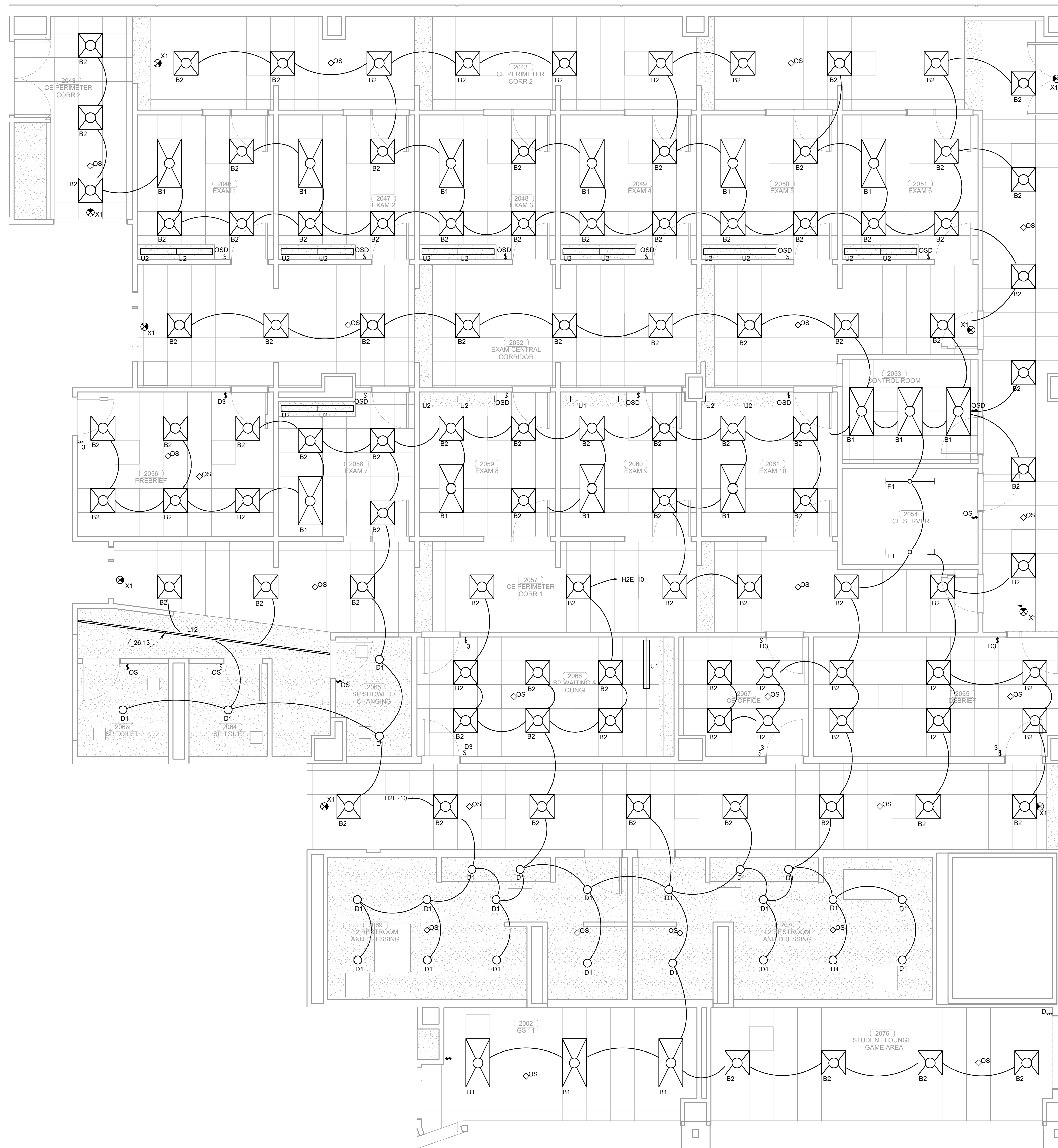
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
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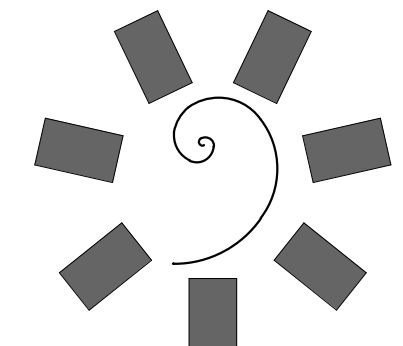
ENLARGED LIGHTING PLAN  
 LEVEL 02 SECTOR 01



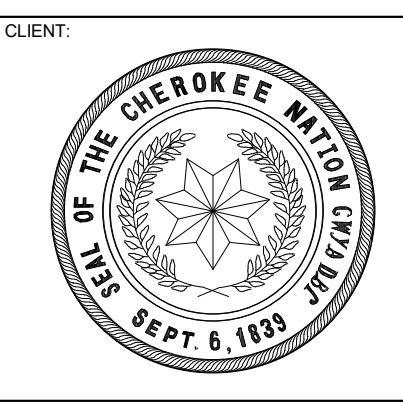
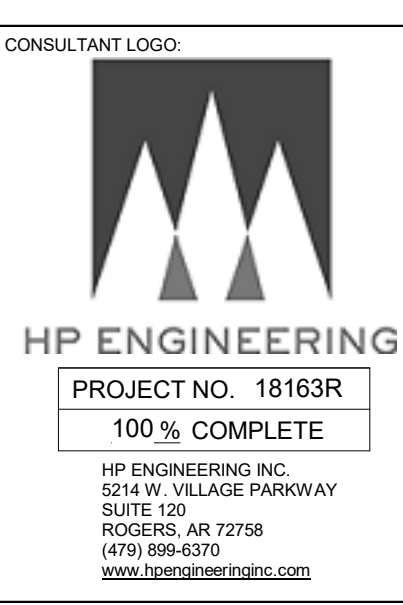
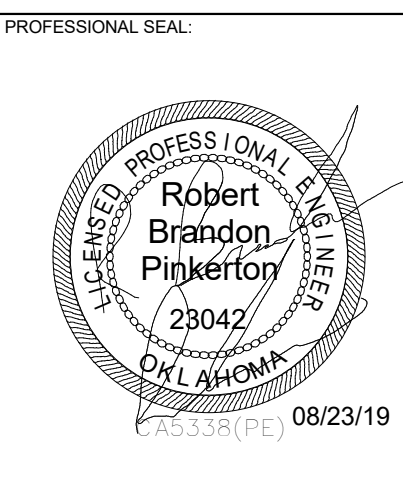
**KEYNOTES**  
 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.



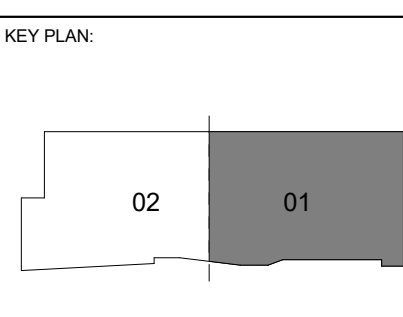
**1 ENLARGED LIGHTING PLAN LEVEL 02 SECTOR 01**  
 1/4" = 1'-0"



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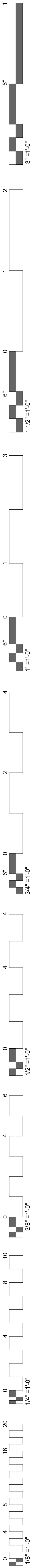
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

#	DATE	REVISIONS DESCRIPTION

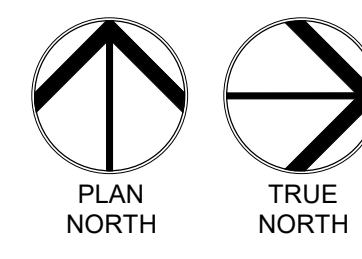
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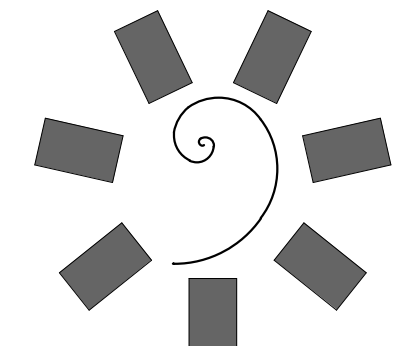
ENLARGED LIGHTING PLAN  
 LEVEL 02 SECTOR 01



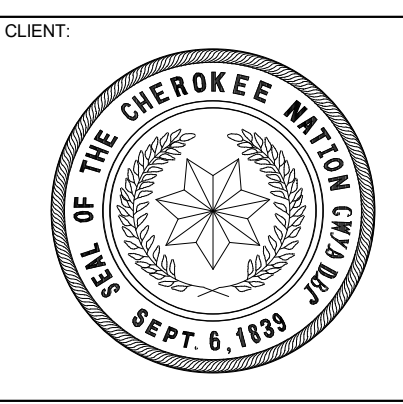
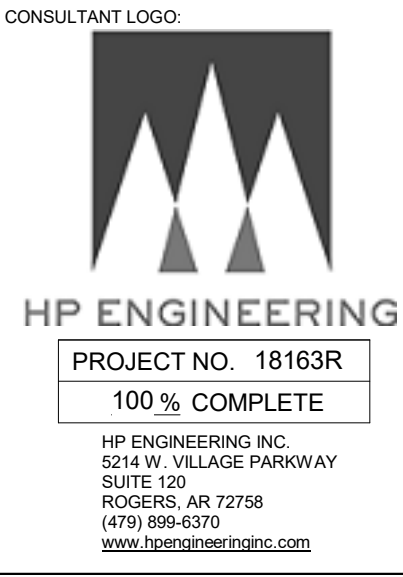
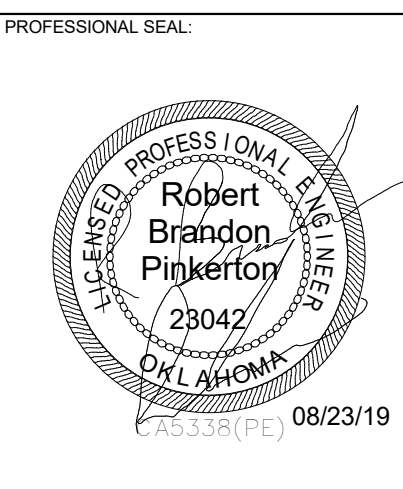
**KEYNOTES**  
 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.



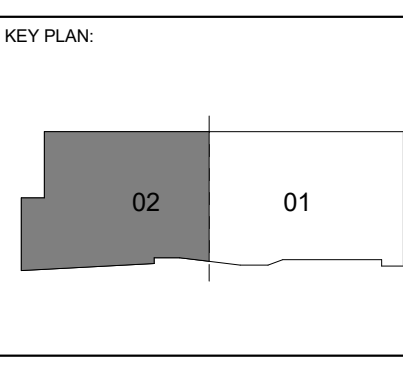
**1 ENLARGED LIGHTING PLAN LEVEL 02 SECTOR 02**  
 1/4" = 1'-0"



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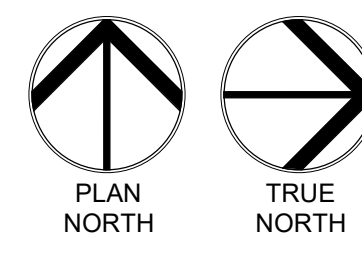
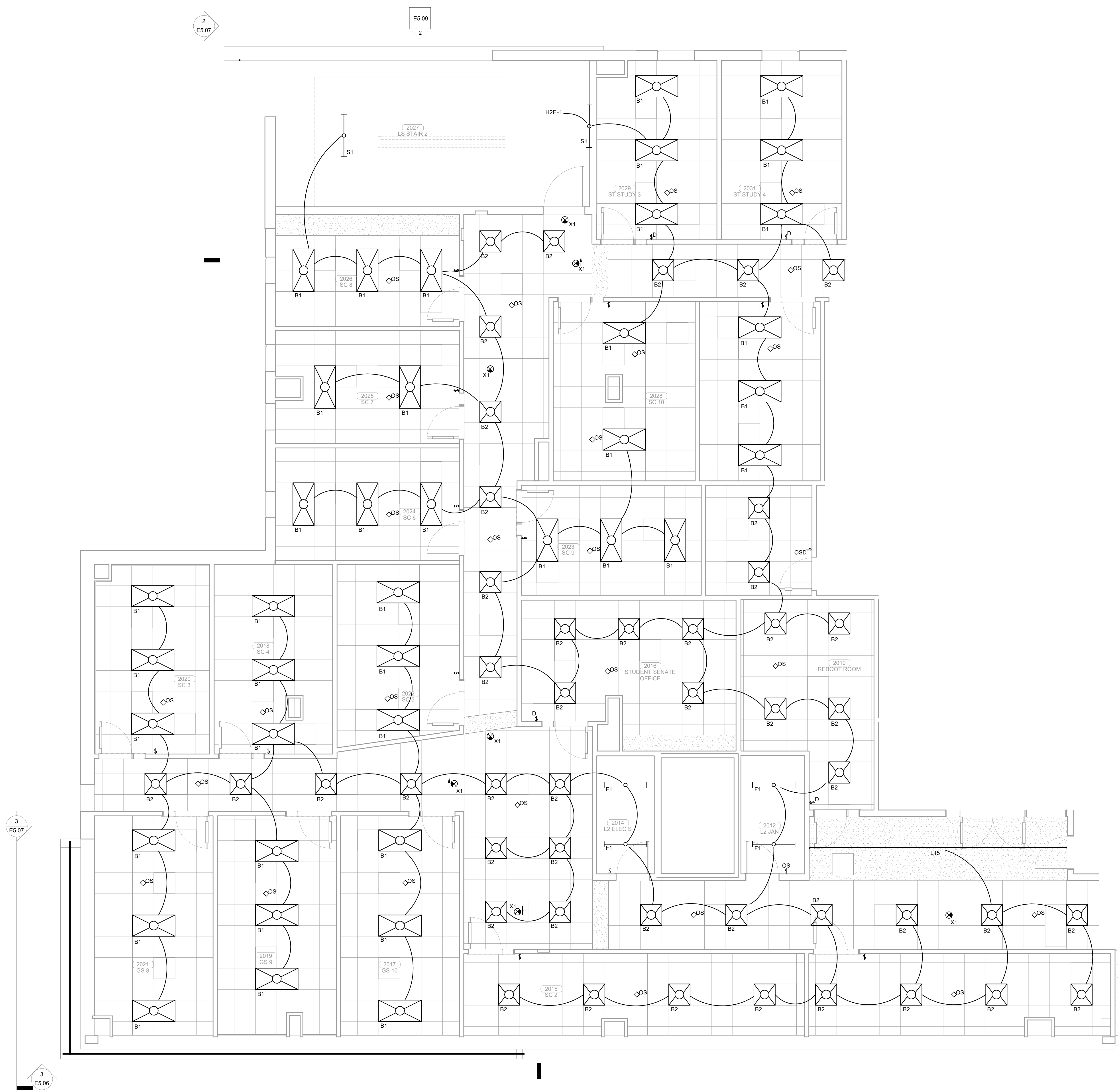
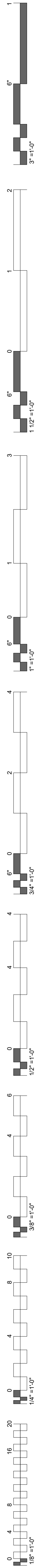
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#	DATE	REVISION DESCRIPTION

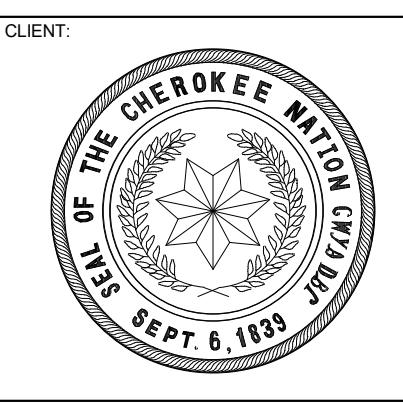
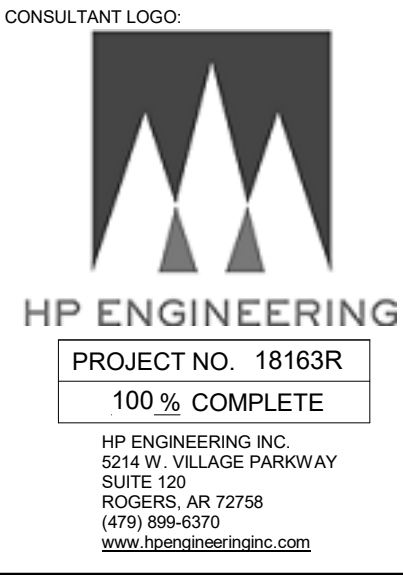
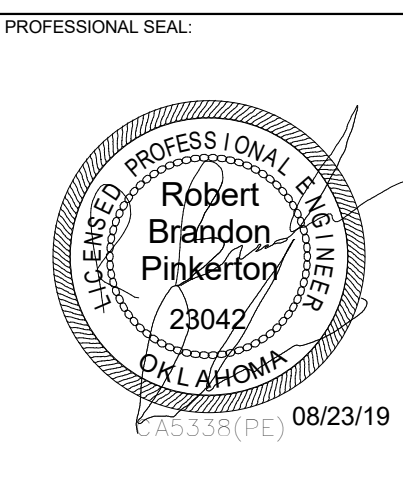
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
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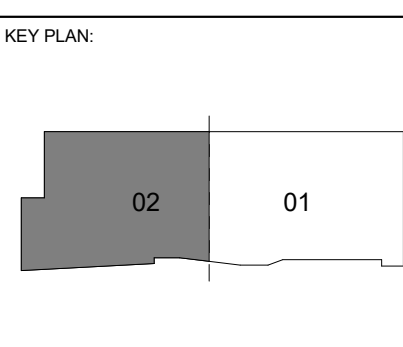
ENLARGED LIGHTING PLAN  
 LEVEL 02 SECTOR 02



**1 ENLARGED LIGHTING PLAN LEVEL 02 SECTOR 02**  
1/4" = 1'-0"



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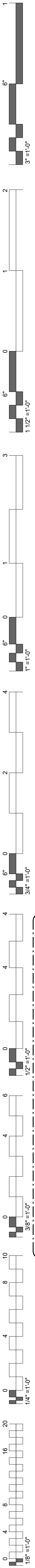
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CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
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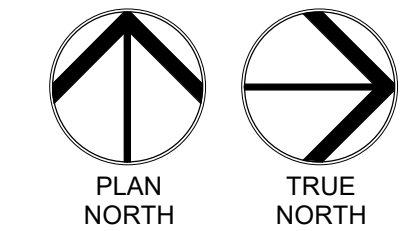
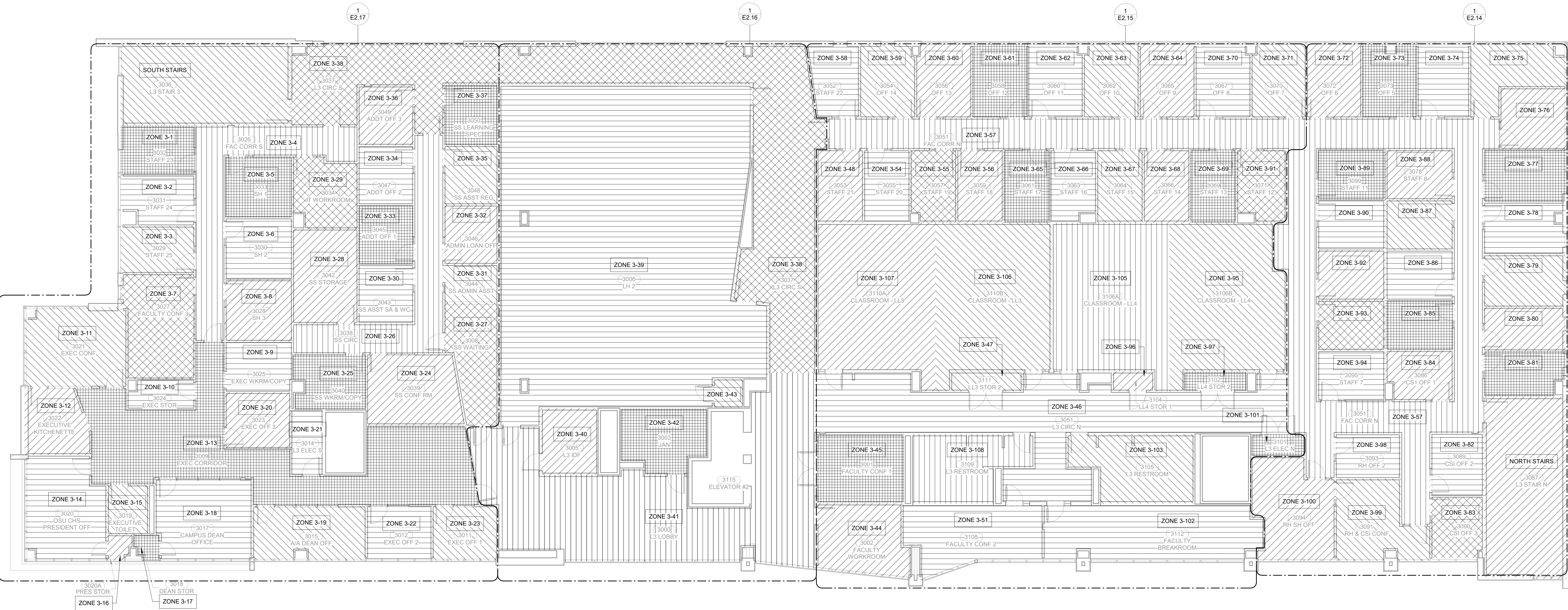
ENLARGED LIGHTING PLAN  
LEVEL 02 SECTOR 02



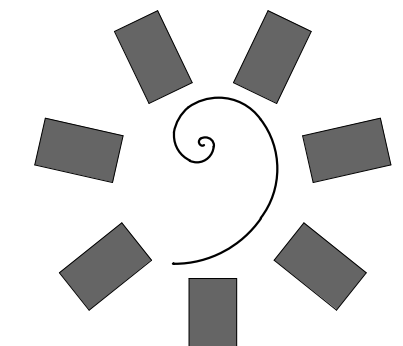
LIGHTING ZONE SCHEDULE				
WTTWT	EMERGENCY EGRESS	OCCUPANCY SENSOR	SWITCH TYPE	MOTORIZED SHADING
NORTH STAIRS	YES	INTEGRATED OCC SENSOR	NA	NA
SOUTH STAIRS	YES	INTEGRATED OCC SENSOR	NA	NA
ZONE 3-1	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-2	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-3	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-4	YES	CEILING	NA	NA
ZONE 3-5	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-6	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-7	YES	CEILING	PB	NA
ZONE 3-8	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-9	NO	SWITCH	OS	NA
ZONE 3-10	NO	SWITCH	OS	NA
ZONE 3-11	YES	CEILING	PB	NA
ZONE 3-12	YES	CEILING	NA	NA
ZONE 3-13	YES	CEILING	NA	NA
ZONE 3-14	NO	CEILING	DIMMER	NA
ZONE 3-15	YES	SWITCH	OS	NA
ZONE 3-16	NO	SWITCH	OS	NA
ZONE 3-17	NO	SWITCH	NA	NA
ZONE 3-18	NO	CEILING	DIMMER	NA
ZONE 3-19	NO	CEILING	DIMMER	NA
ZONE 3-20	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-21	YES	NA	MANUAL	NA
ZONE 3-22	NO	SWITCH	DIMMER	NA
ZONE 3-23	NO	SWITCH	DIMMER	NA
ZONE 3-24	YES	CEILING	DIMMER	NA
ZONE 3-25	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-26	YES	CEILING	NA	NA
ZONE 3-27	YES	CEILING	NA	NA
ZONE 3-28	NO	SWITCH	OS	NA
ZONE 3-29	NO	CEILING	DIMMER	NA
ZONE 3-30	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-31	NO	SWITCH	OS	NA
ZONE 3-32	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-33	NO	SWITCH	DIMMER/ OS	NA

LIGHTING ZONE SCHEDULE				
WTTWT	EMERGENCY EGRESS	OCCUPANCY SENSOR	SWITCH TYPE	MOTORIZED SHADING
ZONE 3-34	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-35	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-36	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-37	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-38	YES	CEILING	NA	NA
ZONE 3-39	YES	CEILING	TS	NA
ZONE 3-40	NO	SWITCH	OS	NA
ZONE 3-41	YES	CEILING	NA	NA
ZONE 3-42	NO	SWITCH	OS	NA
ZONE 3-43	NO	SWITCH	OS	NA
ZONE 3-44	NO	CEILING	DIMMER	NA
ZONE 3-45	YES	CEILING	PB	NA
ZONE 3-46	YES	CEILING	NA	NA
ZONE 3-47	NO	SWITCH	OS	NA
ZONE 3-48	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-49	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-50	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-51	YES	CEILING	NA	NA
ZONE 3-52	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-53	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-54	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-55	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-56	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-57	YES	CEILING	NA	NA
ZONE 3-58	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-59	NO	SWITCH	DIMMER/ OS	NA
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ZONE 3-61	NO	SWITCH	DIMMER/ OS	NA
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ZONE 3-65	NO	SWITCH	DIMMER/ OS	NA
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ZONE 3-68	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-69	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-70	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-71	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-72	NO	SWITCH	DIMMER/ OS	NA
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ZONE 3-75	NO	CEILING	DIMMER	NA

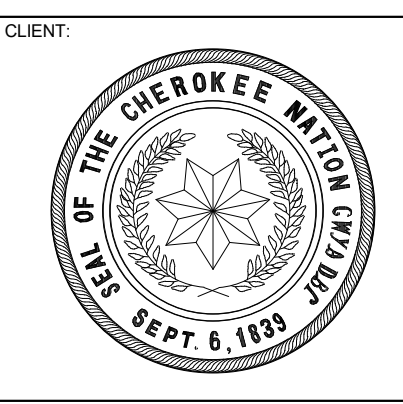
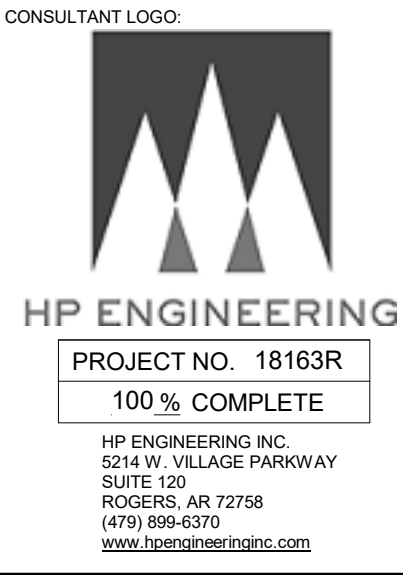
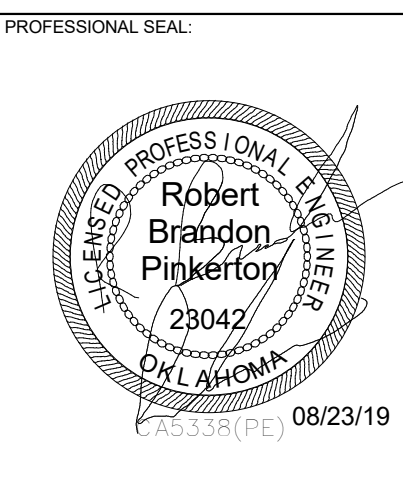
LIGHTING ZONE SCHEDULE				
WTTWT	EMERGENCY EGRESS	OCCUPANCY SENSOR	SWITCH TYPE	MOTORIZED SHADING
ZONE 3-76	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-77	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-78	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-79	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-80	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-81	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-82	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-83	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-84	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-85	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-86	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-87	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-88	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-89	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-90	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-91	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-92	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-93	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-94	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-95	YES	CEILING	PB	NA
ZONE 3-96	NO	SWITCH	OS	NA
ZONE 3-97	NO	SWITCH	OS	NA
ZONE 3-98	NO	SWITCH	DIMMER/ OS	NA
ZONE 3-99	YES	CEILING	PB	NA
ZONE 3-100	NO	CEILING	DIMMER	NA
ZONE 3-101	YES	NA	MANUAL	NA
ZONE 3-102	YES	CEILING	NA	NA
ZONE 3-103	YES	CEILING	NA	NA
ZONE 3-104	YES	CEILING	PB	NA
ZONE 3-105	YES	CEILING	PB	NA
ZONE 3-106	YES	CEILING	PB	NA
ZONE 3-107	YES	CEILING	PB	NA
ZONE 3-108	YES	CEILING	NA	NA



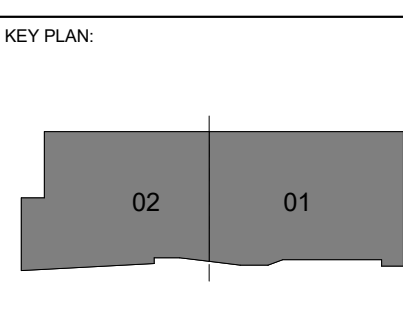
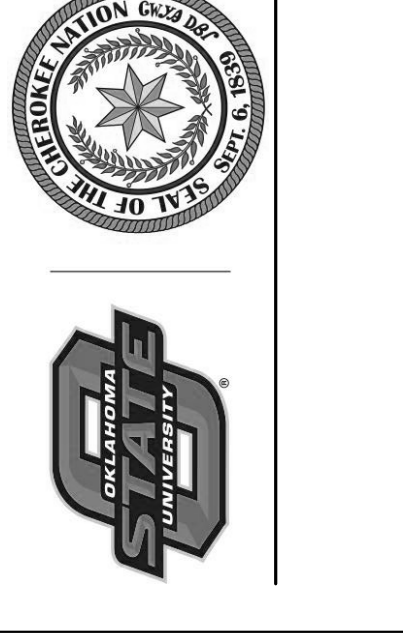
**1 LIGHTING ZONE PLAN - LEVEL 03**  
1/8" = 1'-0"



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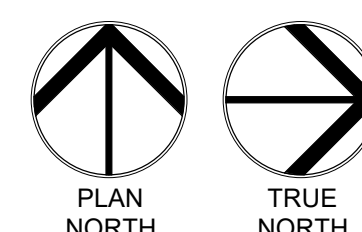
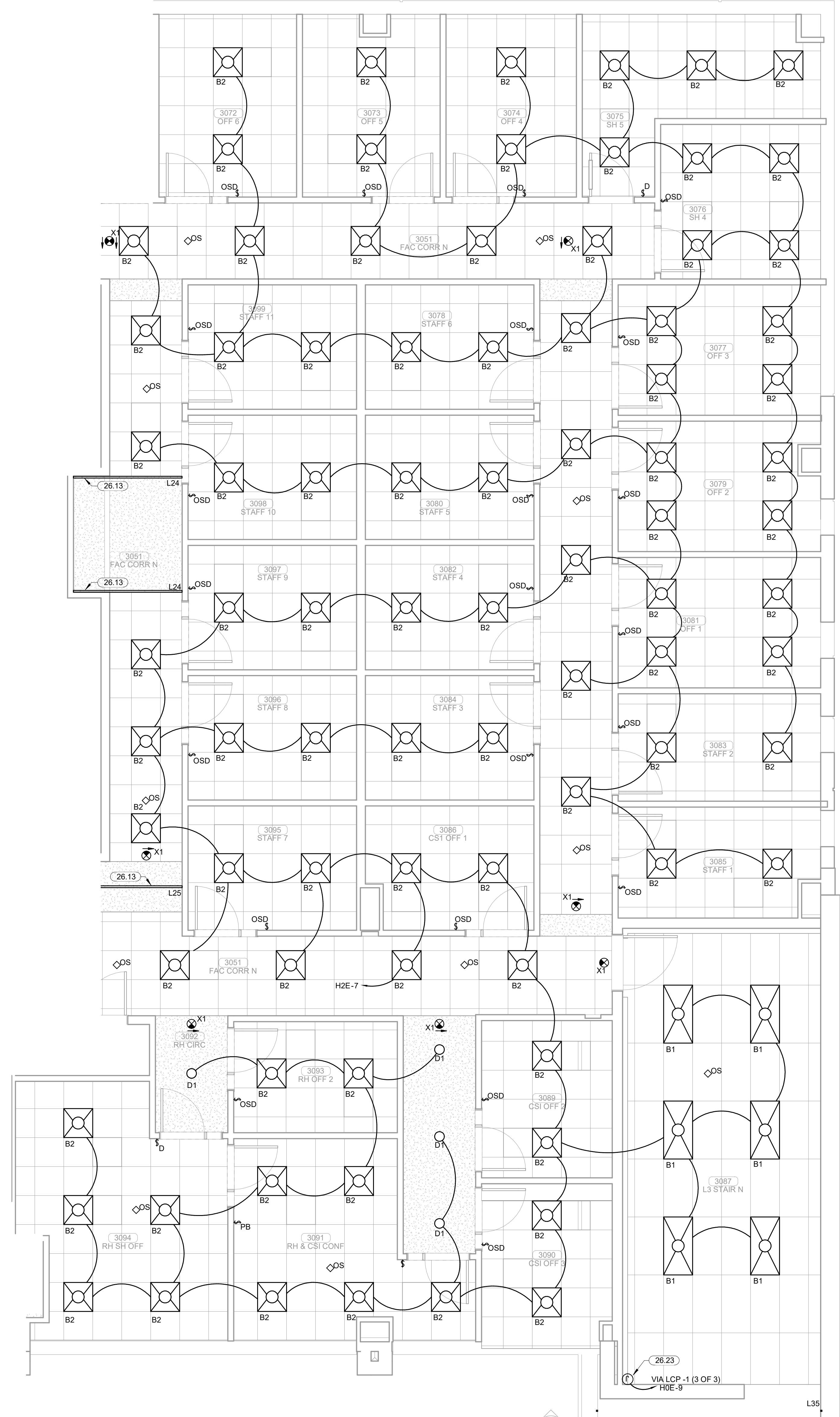
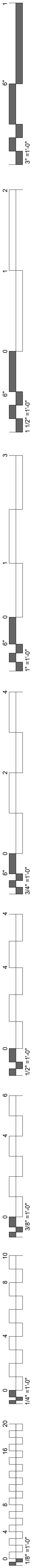
#	DATE	REVISIONS DESCRIPTION

DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
**E2.13**

LIGHTING ZONE PLAN - LEVEL 3

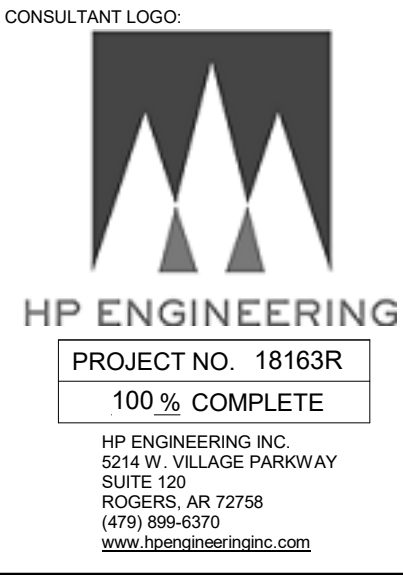
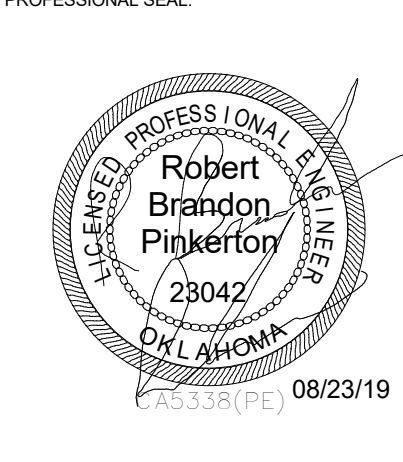




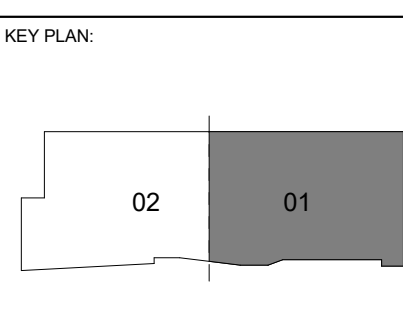
**1 ENLARGED LIGHTING PLAN LEVEL 03 SECTOR 01**  
1/4" = 1'-0"

**KEYNOTES**

- 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.
- 26.23 JUNCTION BOX FOR L36 FIXTURE LOCATED IN EXTERIOR FURR OUT. REFER TO ELEVATION ES.06/2 FOR FIXTURE LAYOUT. REFER TO ARCHITECTURAL PLAN DETAILS A1.21A/2 AND A5.01/4 FOR EXACT MOUNTING LOCATIONS AND HEIGHTS. COORDINATE MOUNTING LOCATIONS AND ALL MOUNTING REQUIREMENTS WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN.



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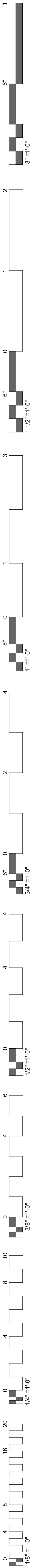
PROJECT PHASE:  
**CONSTRUCTION DOCUMENTS**

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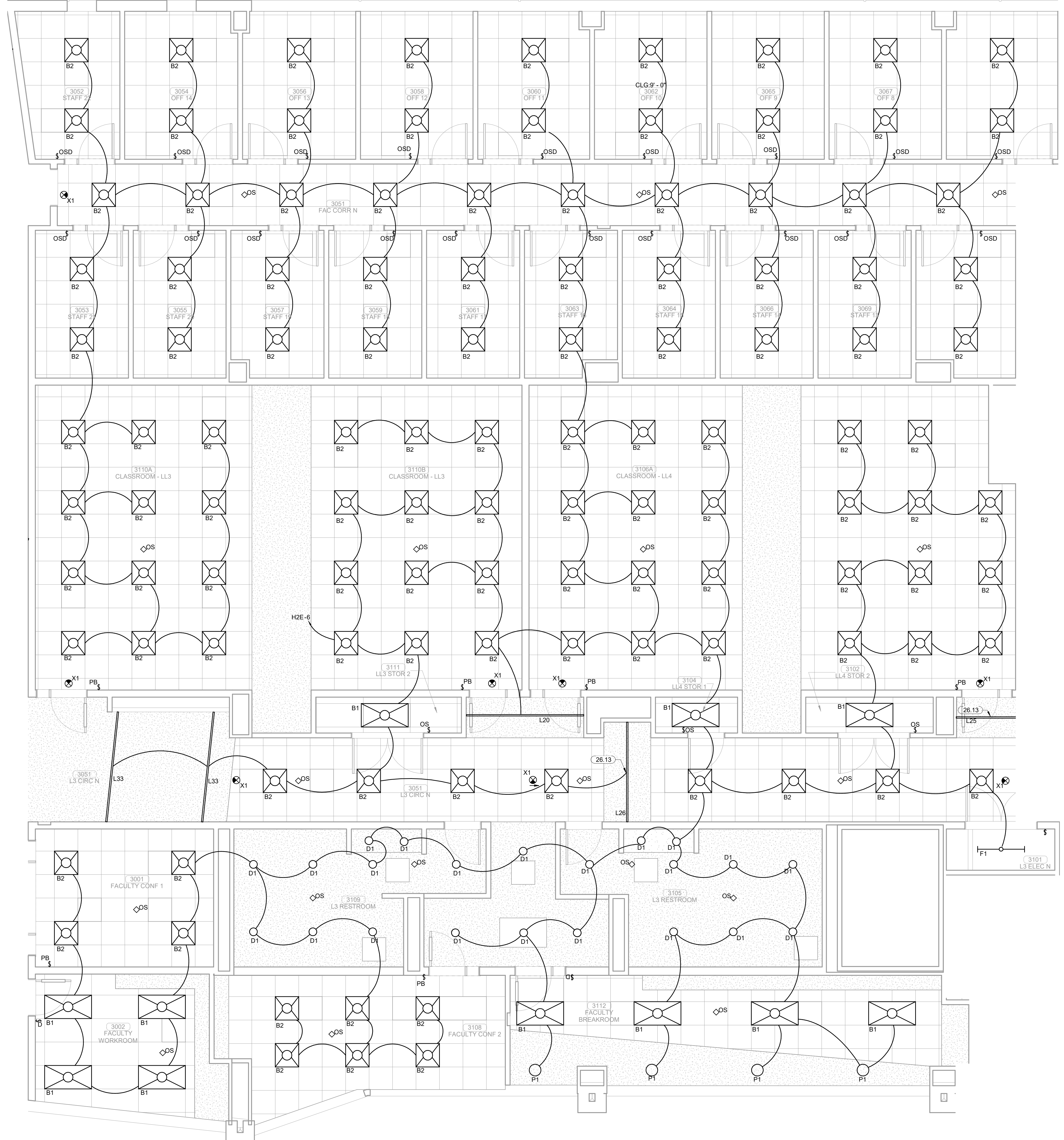
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SHEET NUMBER:  
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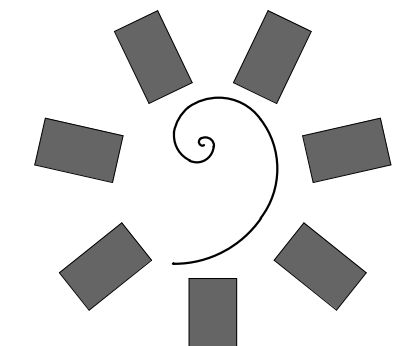
ENLARGED LIGHTING PLAN  
LEVEL 03 SECTOR 01



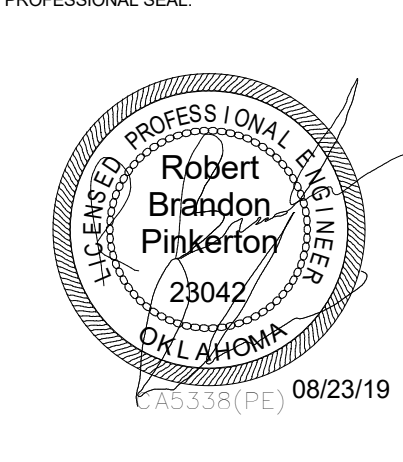
**KEYNOTES**  
 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.



**1 ENLARGED LIGHTING PLAN LEVEL 03 SECTOR 01**  
 1/4" = 1'-0"

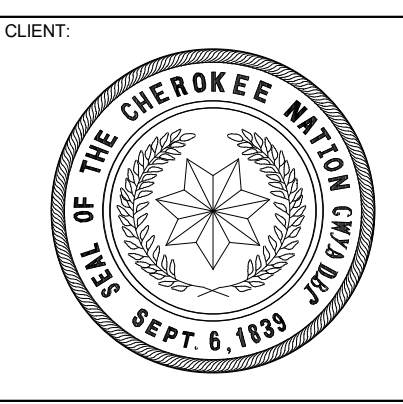


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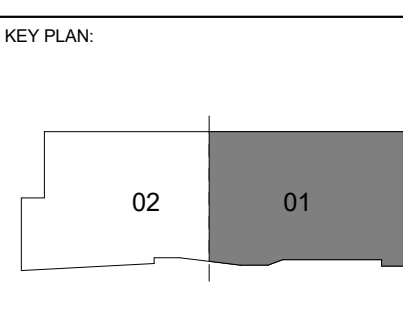


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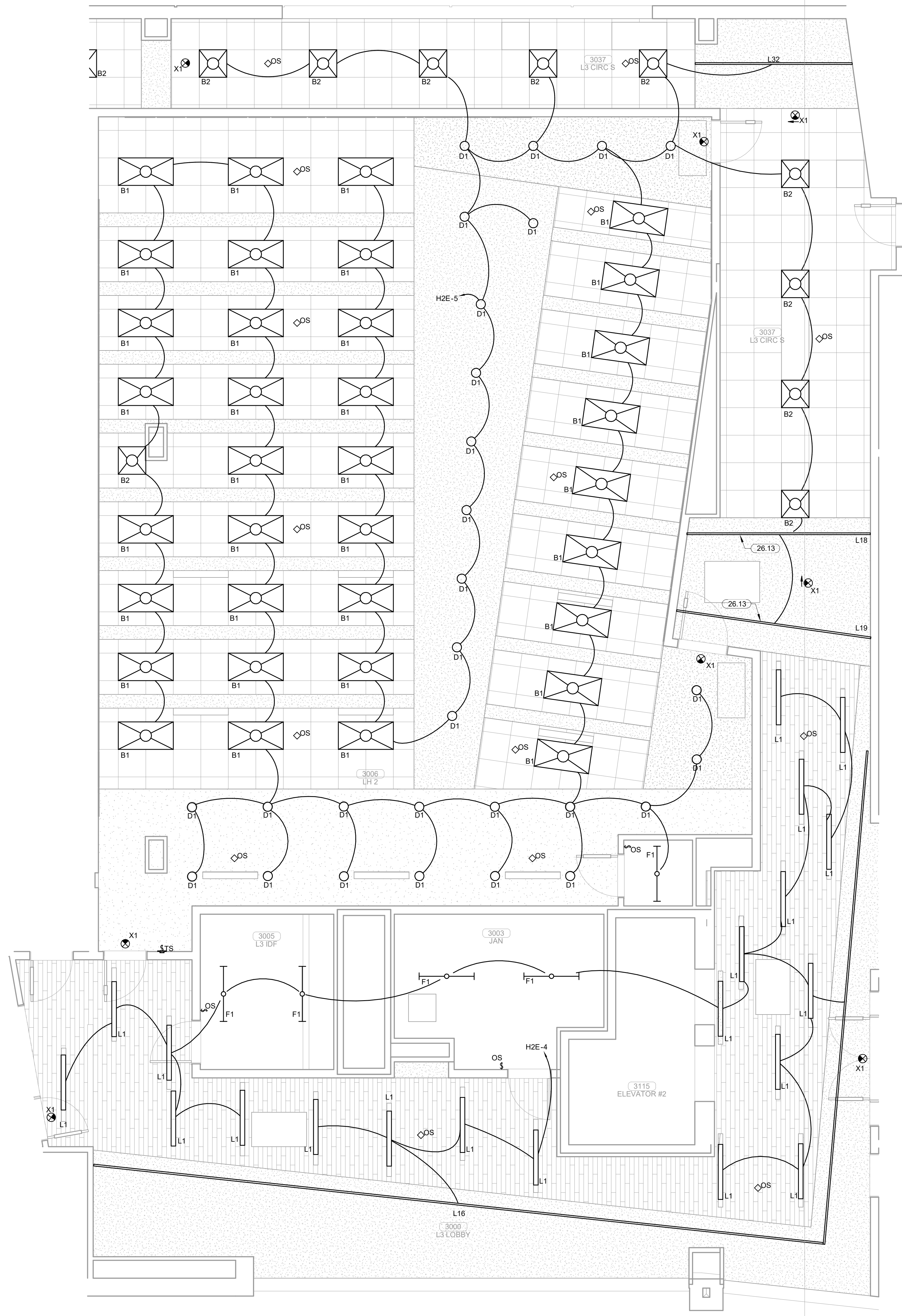
**PROJECT PHASE**  
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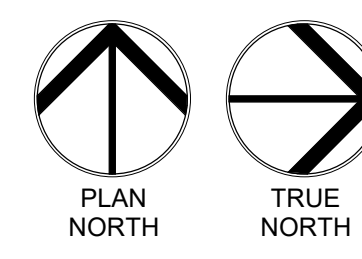
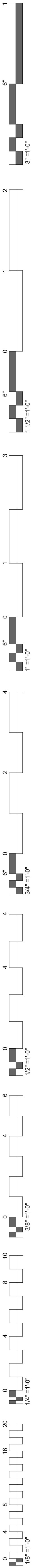
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**SHEET NUMBER:** E2.15

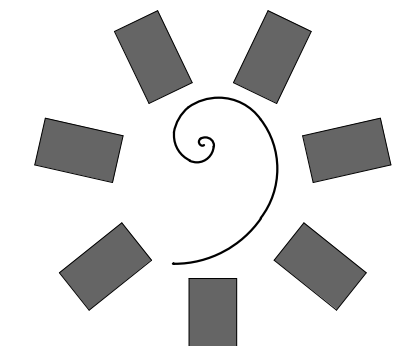
ENLARGED LIGHTING PLAN LEVEL 03 SECTOR 01



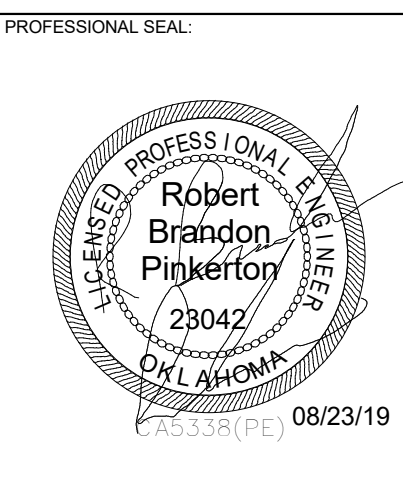
**KEYNOTES**  
 26.13 ELECTRICAL CONTRACTOR TO COORDINATE LOCATION AND FRAMING WITH ARCHITECT AND FRAMERS PRIOR TO INSTALLATION.



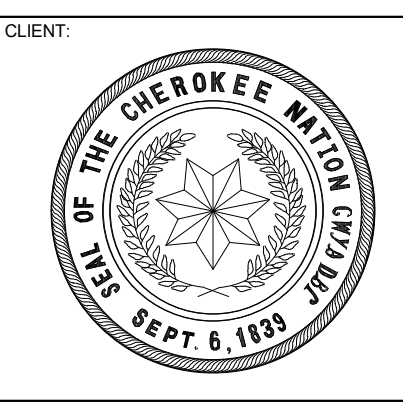
**1 ENLARGED LIGHTING PLAN LEVEL 03 SECTOR 02**  
 1/4" = 1'-0"



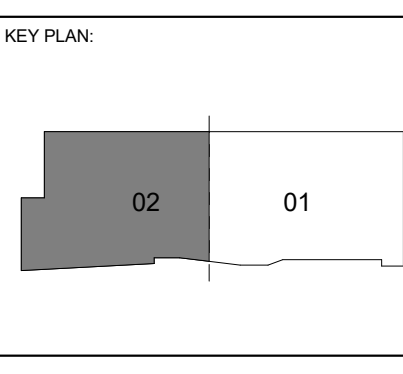
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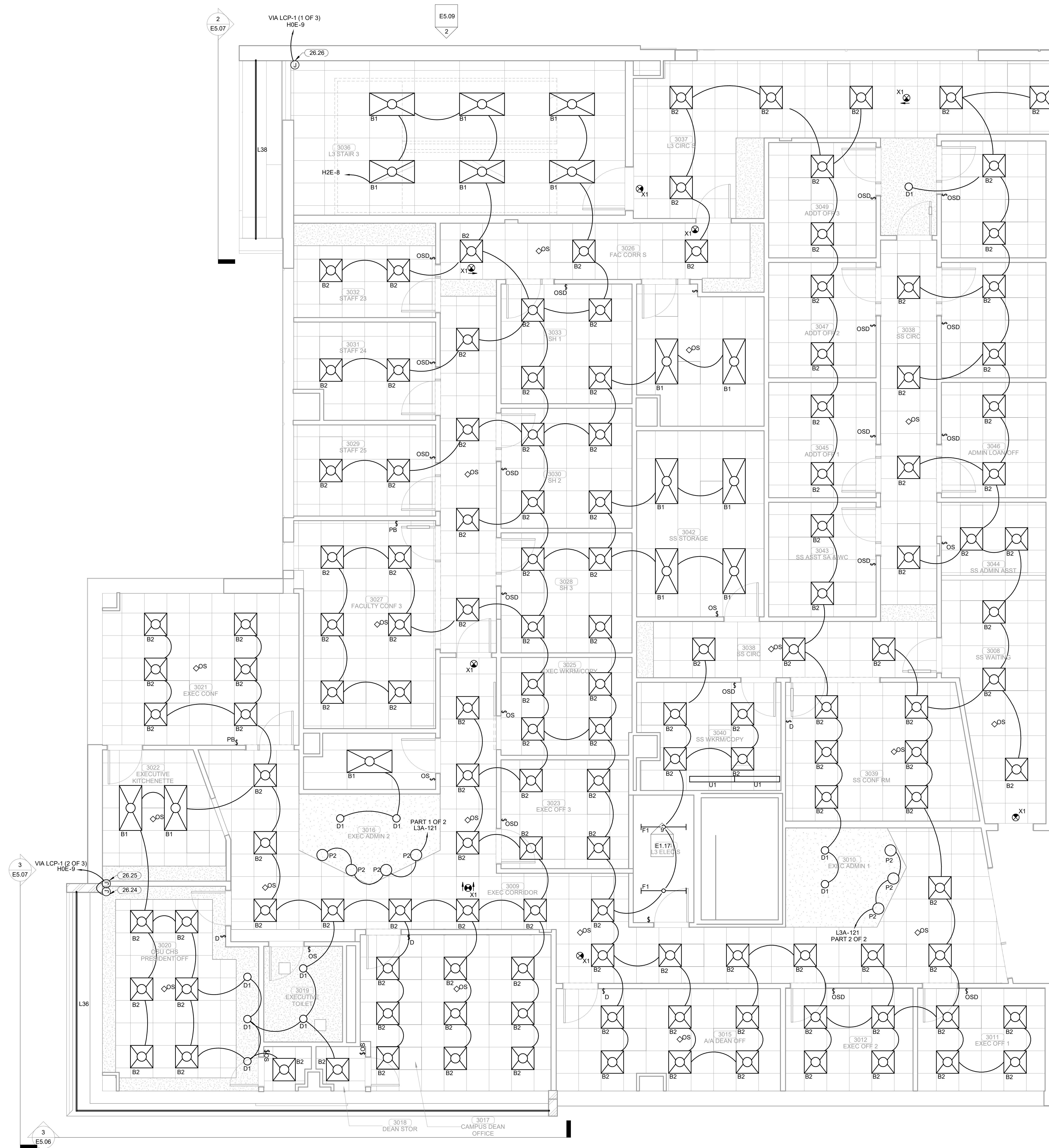
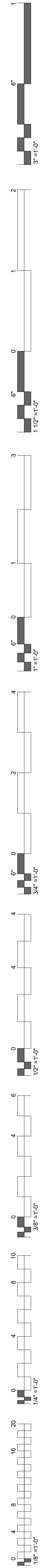
PROJECT PHASE:  
 CONSTRUCTION DOCUMENTS

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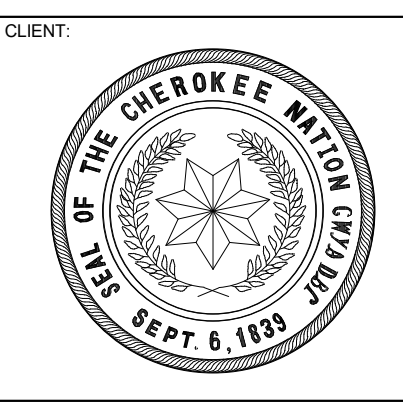
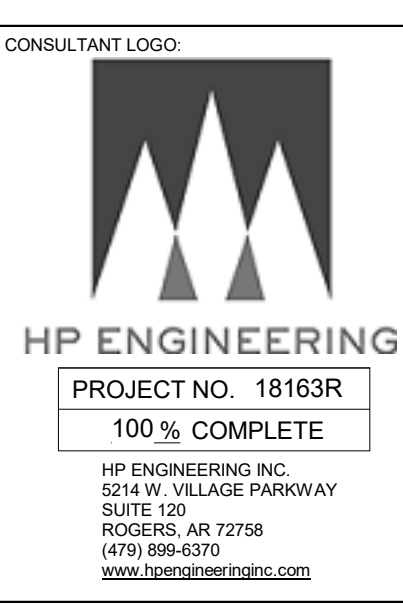
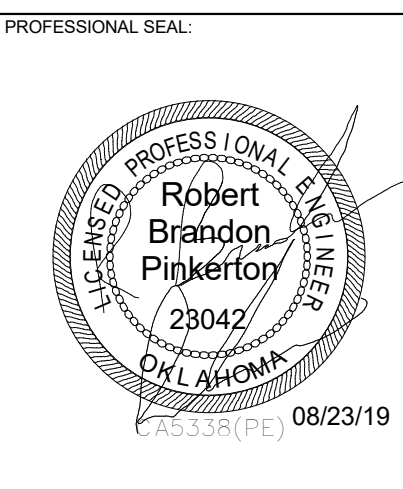
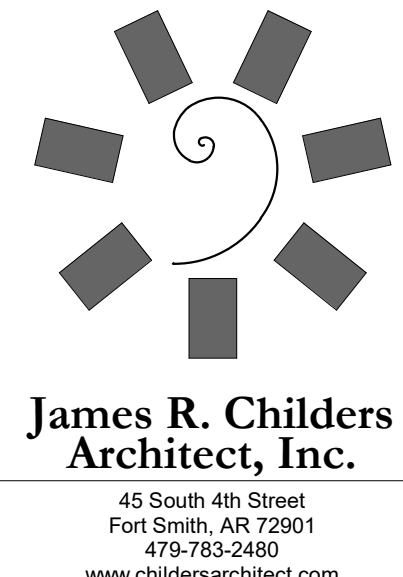
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E2.16**

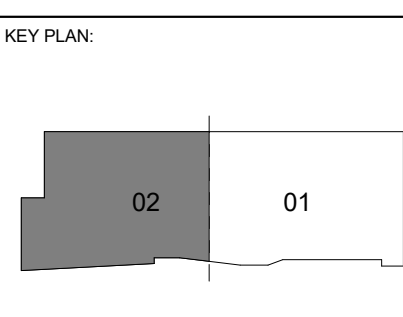
ENLARGED LIGHTING PLAN  
 LEVEL 03 SECTOR 02



- ### KEYNOTES
- 26.24 JUNCTION BOX FOR L36 FIXTURE LOCATED IN EXTERIOR FURR OUT. REFER TO ELEVATION E5.06/3 AND E5.07/3 FOR FIXTURE LAYOUT. REFER TO ARCHITECTURAL PLAN DETAILS A1.32A/03, A1.32A/04 AND A5.04/05 FOR EXACT MOUNTING LOCATIONS AND HEIGHTS. COORDINATE MOUNTING LOCATIONS AND ALL MOUNTING REQUIREMENTS WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
  - 26.25 JUNCTION BOX FOR L37 FIXTURE LOCATED IN EXTERIOR FURR OUT. REFER TO ELEVATION E5.06/3 AND E5.07/3 FOR FIXTURE LAYOUT. REFER TO ARCHITECTURAL PLAN DETAILS A5.04/04 FOR EXACT MOUNTING LOCATIONS AND HEIGHTS. COORDINATE MOUNTING LOCATIONS AND ALL MOUNTING REQUIREMENTS WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
  - 26.26 JUNCTION BOX FOR L38 FIXTURE LOCATED IN EXTERIOR FURR OUT. REFER TO ELEVATION E5.07/2 FOR FIXTURE LAYOUT. REFER TO ARCHITECTURAL PLAN DETAILS A5.06/07 AND A1.32A/06 FOR EXACT MOUNTING LOCATIONS AND HEIGHTS. COORDINATE MOUNTING LOCATIONS AND ALL MOUNTING REQUIREMENTS WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN.



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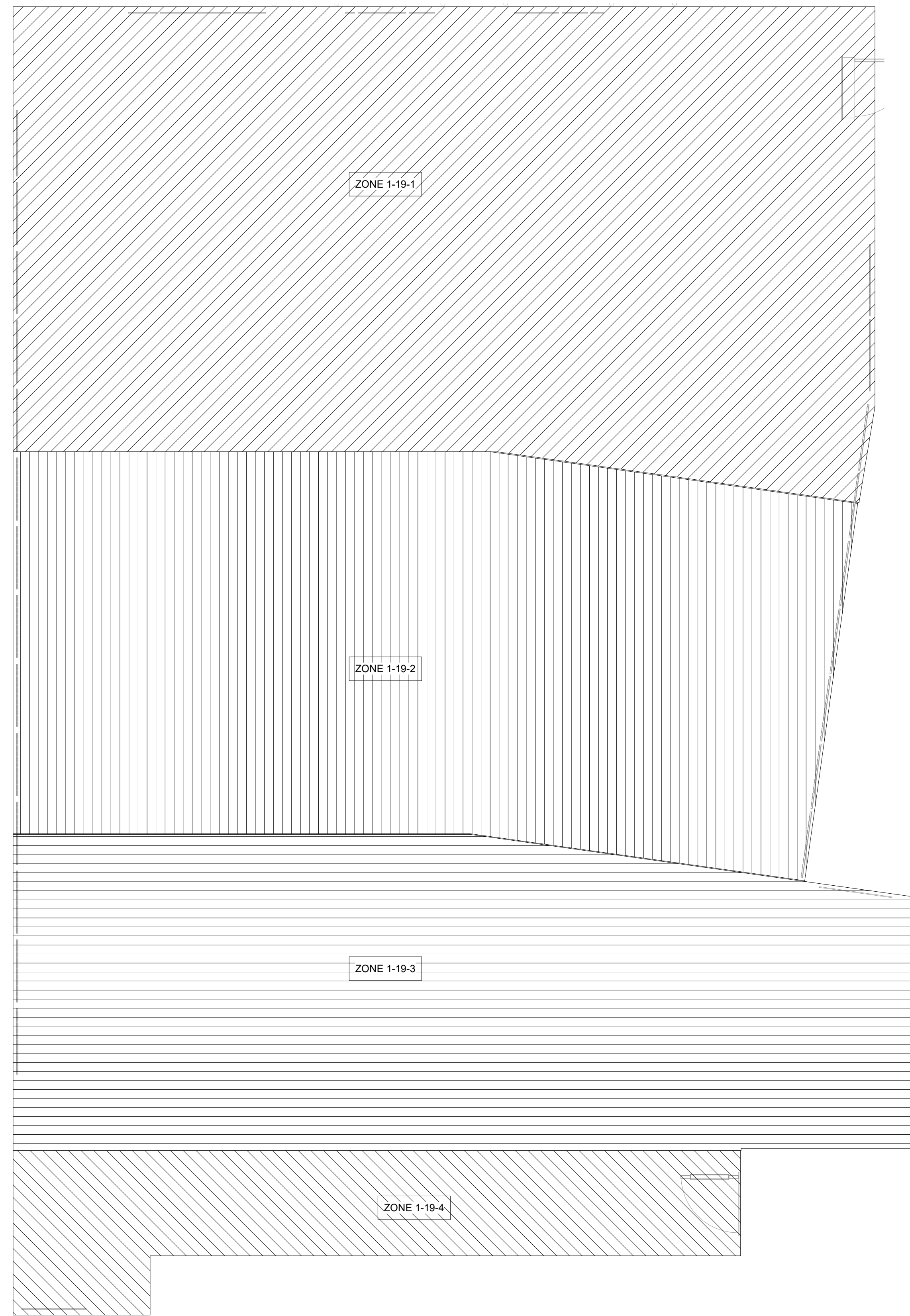
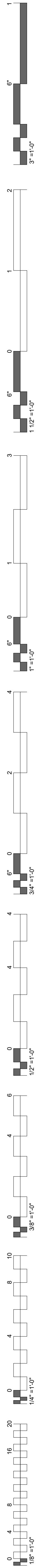
#	DATE	REVISIONS	DESCRIPTION

DATE: 08-23-19      JOB NUMBER: 17-13

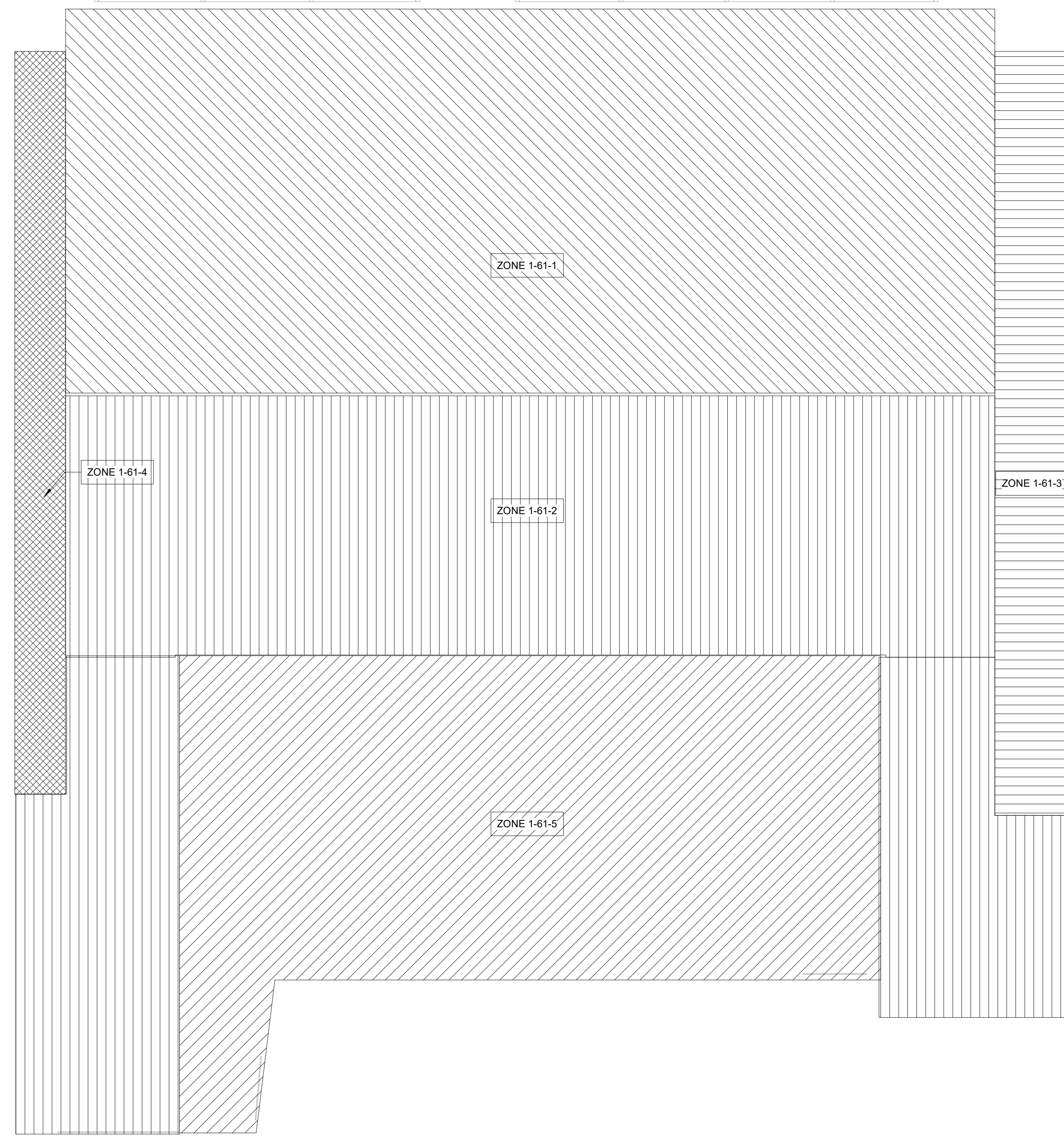
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ENLARGED LIGHTING PLAN  
LEVEL 03 SECTOR 02

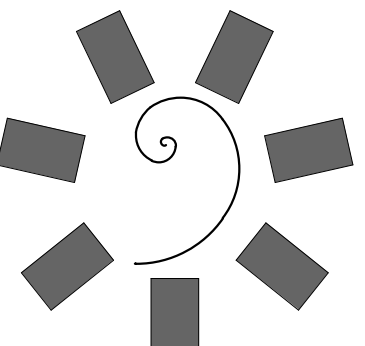
**1 ENLARGED LIGHTING PLAN LEVEL 03 SECTOR 02**  
1/4" = 1'-0"



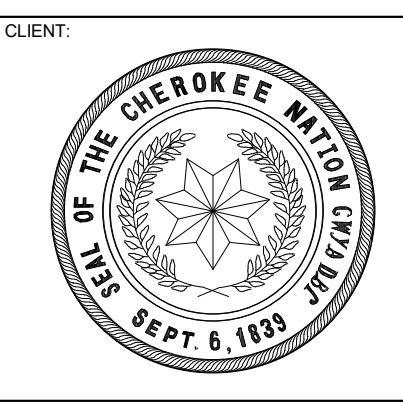
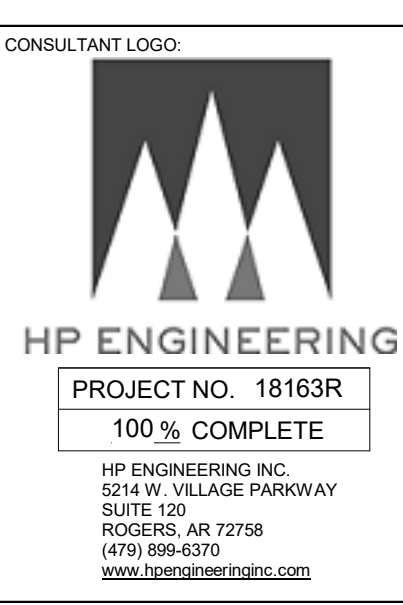
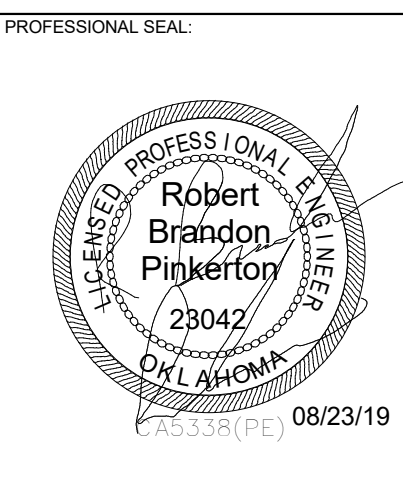
**2 ENLARGED LECTURE HALL'S LIGHTING ZONE PLAN**  
1/4" = 1'-0"



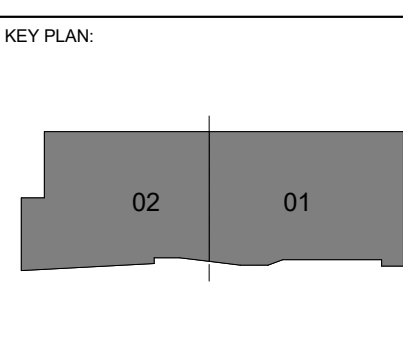
**1 ENLARGED OMM & CLINICAL SKILLS LAB LIGHTING ZONE PLAN**  
1/4" = 1'-0"



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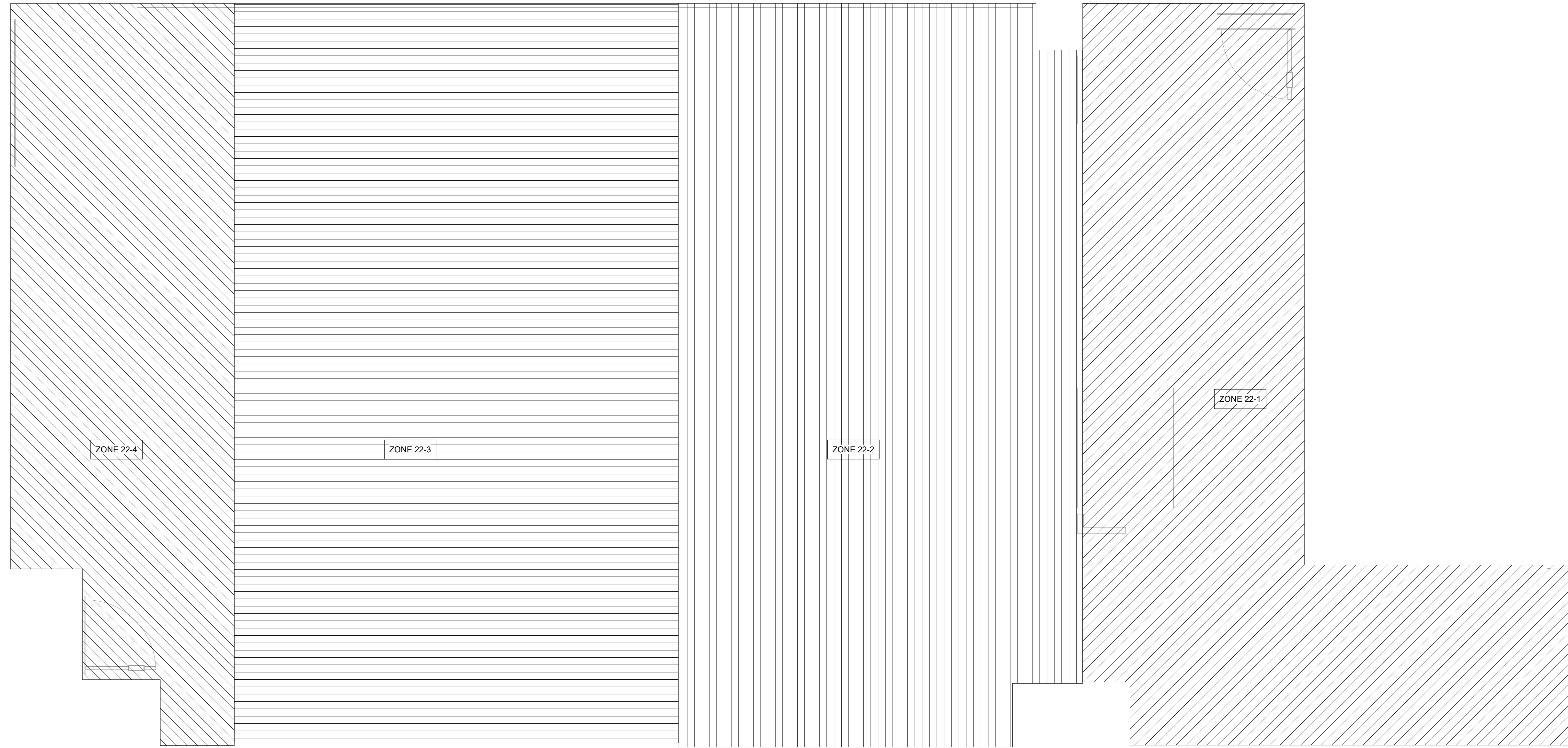
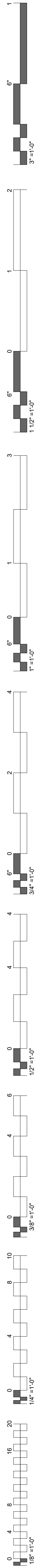
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DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
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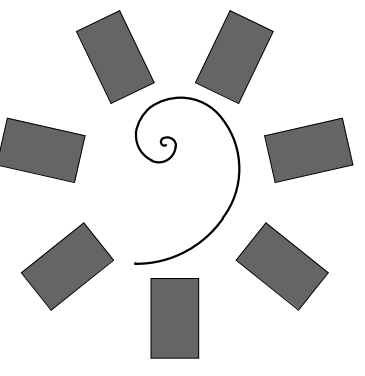
ENLARGED LIGHTING ZONES



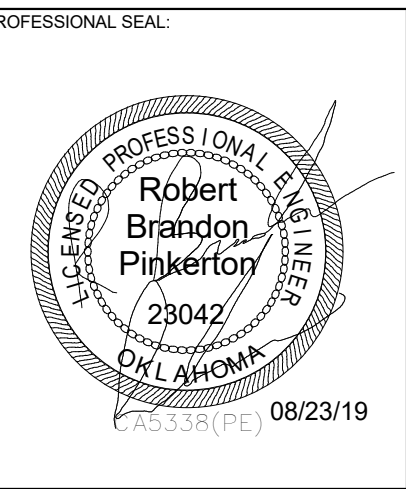
**2 ENLARGED NEUROANATOMY LIGHTING ZONE PLAN**  
3/8" = 1'-0"



**1 ENLARGED GROSS ANATOMY LIGHTING ZONE PLAN**  
3/8" = 1'-0"

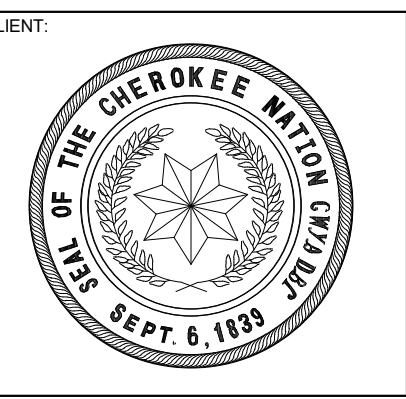


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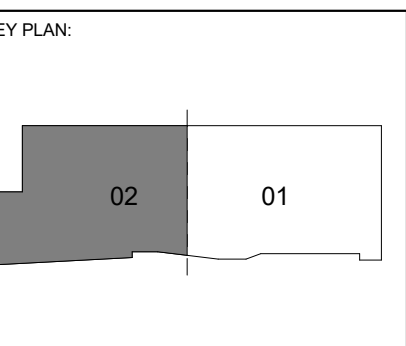


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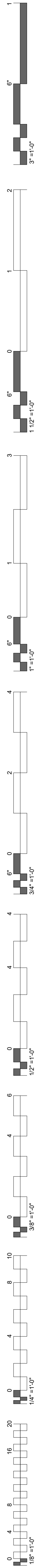
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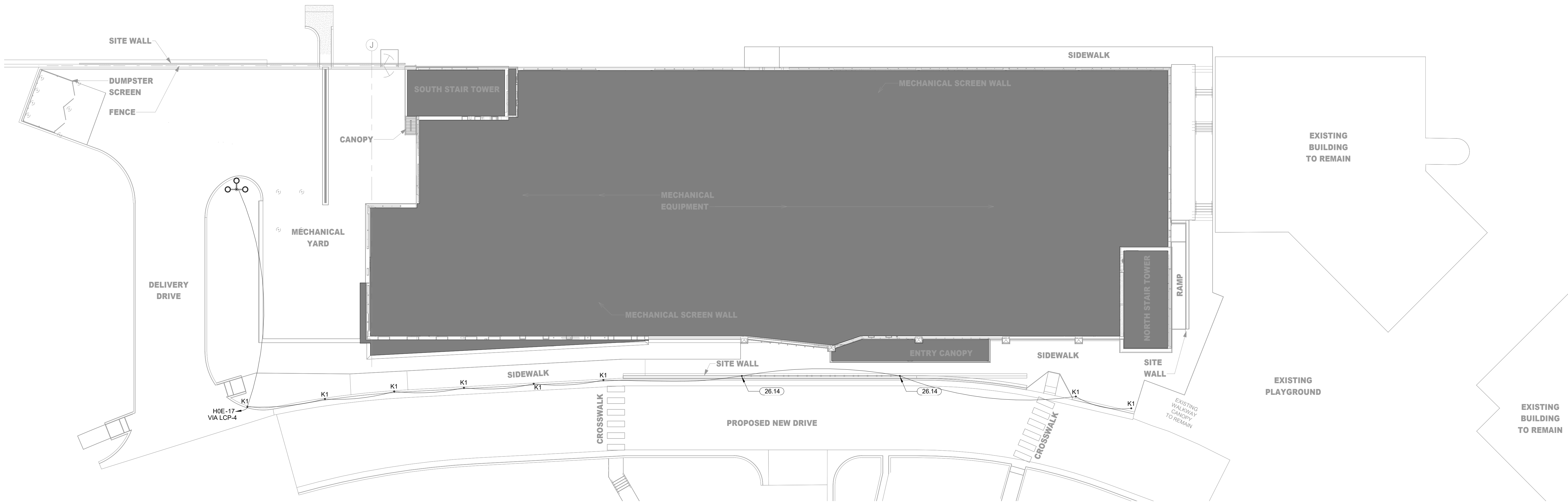
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SHEET NUMBER:  
**E2.19**

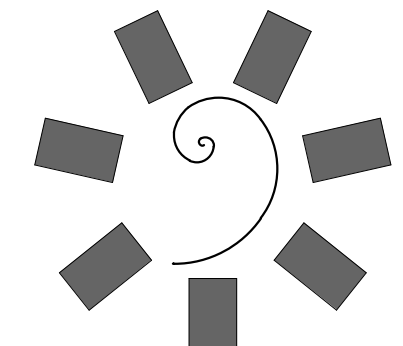
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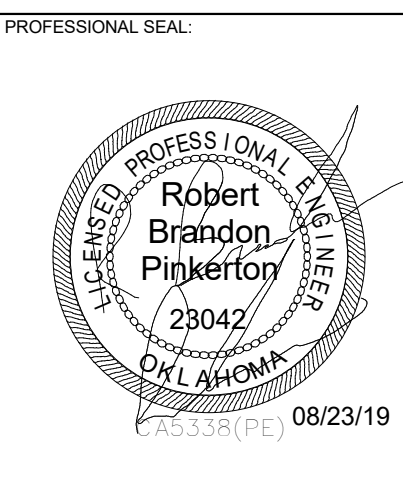
**KEYNOTES**  
 26.14 COORDINATE POWER FOR HANDRAIL LIGHTING WITH HANDRAIL MANUFACTURER SHOP DRAWINGS PRIOR TO ROUGH IN.



**1 OVERALL POWER PLAN - LEVEL 01**  
 1/16" = 1'-0"

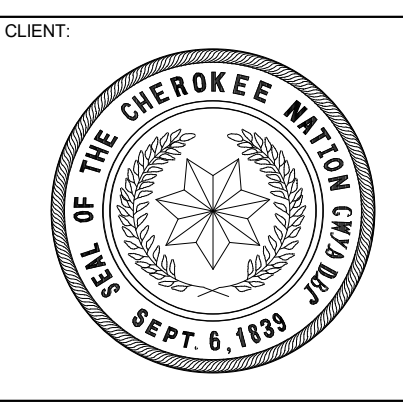


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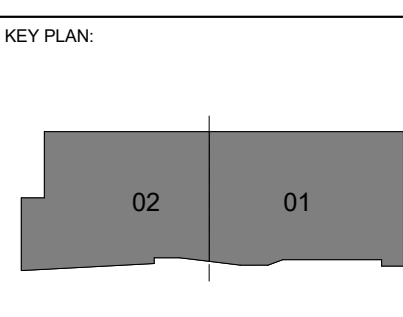


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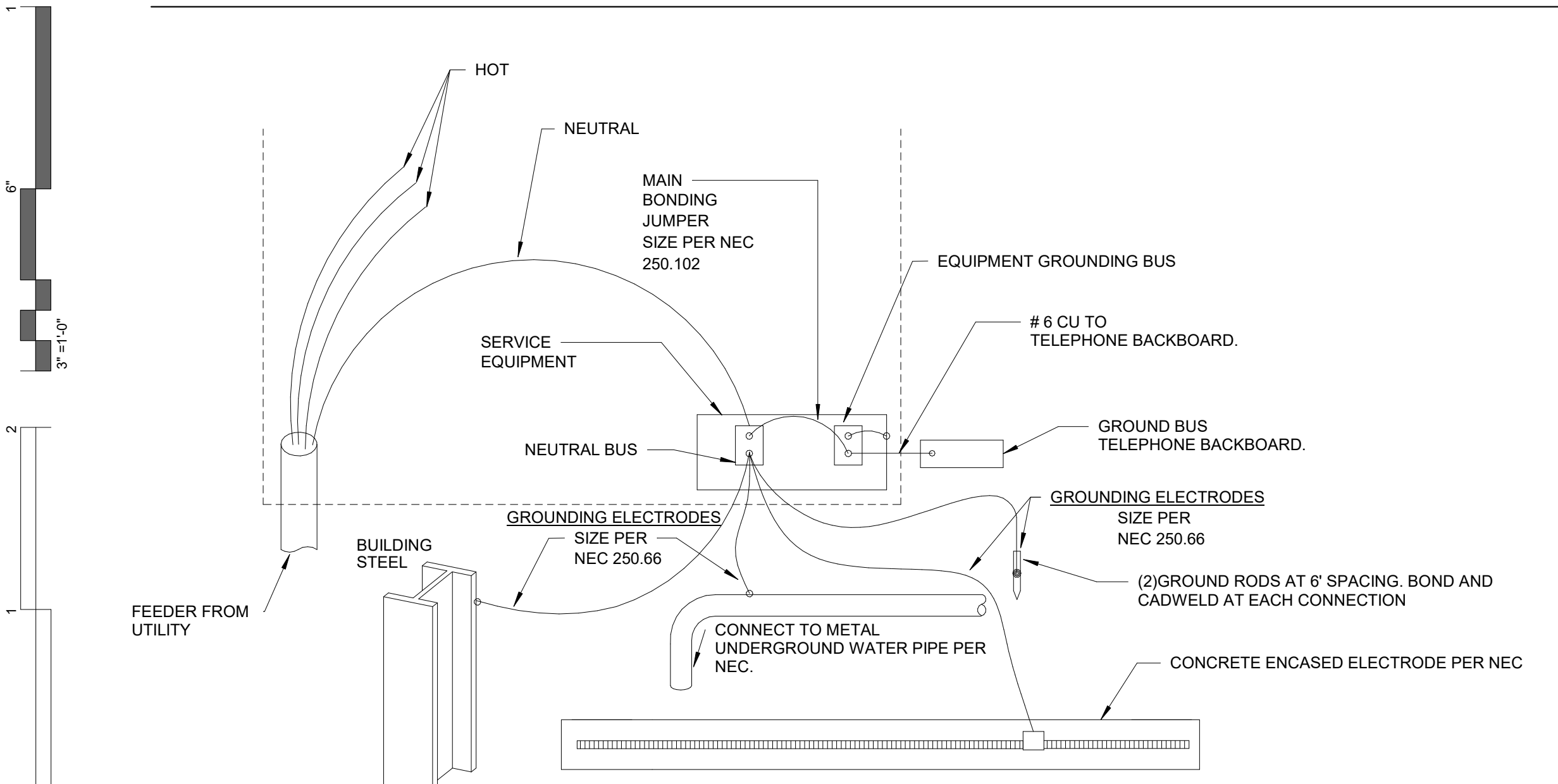


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 CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E2.20**  
 SITE LIGHTING



**2 TYPICAL GROUNDING DETAIL**  
N.T.S.

**SWITCHGEAR LABEL**

THE MAIN SWITCHBOARD SHALL HAVE A LABEL APPLIED TO WARN OF POTENTIAL SHOCK HAZARDS

**WARNING**

**SHOCK HAZARD EXISTS IF GROUNDING ELECTRODE CONDUCTOR OR BONDING JUMPER CONNECTION IN THIS EQUIPMENT IS REMOVED WHILE ALTERNATE SOURCE(S) IS ENERGIZED.**

NOTES:

A. THE MAIN SWITCHBOARD SHALL HAVE A COMMERCIALY PRODUCED PERMANENT LABEL APPLIED, SIMILAR TO THE ABOVE, TO WARN OF POTENTIAL SHOCK HAZARDS, IN ACCORDANCE WITH NEC 702.7 AND NFPA 70E.

B. LABELING MAY BE COMPLETED BY EQUIPMENT MANUFACTURER, EQUIPMENT VENDOR/SUPPLIER, OR THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THAT ALL SWITCHBOARDS AND PANELBOARDS ARE PROPERLY LABELED IN THE FIELD.

**EQUIPMENT LABELS**

ALL SWITCHBOARDS AND PANELBOARDS SHALL HAVE A LABEL APPLIED TO WARN OF POTENTIAL ARC FLASH HAZARDS

**WARNING**

**ARC FLASH AND SHOCK HAZARD. APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIRED.**

NOTES:

A. ALL SWITCHBOARDS AND PANELBOARDS SHALL HAVE A COMMERCIALY PRODUCED PERMANENT LABEL APPLIED, SIMILAR TO THE ABOVE, TO WARN OF POTENTIAL ARC FLASH HAZARDS, IN ACCORDANCE WITH NEC 110.15 AND NFPA 70E.

B. LABELING MAY BE COMPLETED BY EQUIPMENT MANUFACTURER, EQUIPMENT VENDOR/SUPPLIER, OR THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THAT ALL SWITCHBOARDS AND PANELBOARDS ARE PROPERLY LABELED IN THE FIELD.

- ELECTRICAL SERVICE NOTES**
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL SERVICE AND METERING REQUIREMENTS WITH THE UTILITY COMPANY PRIOR TO BID AND SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AS REQUIRED BY THE SERVING UTILITY AS WELL AS COST INCURRED BY SERVING UTILITY.
  - THE ELECTRICAL CONTRACTOR SHALL VERIFY THE FAULT CURRENT AT THE SECONDARY OF THE TRANSFORMER WITH THE UTILITY COMPANY AND ADJUST THE ELECTRICAL PANEL AIC RATINGS TO THE NEXT HIGHER STANDARD RATING.
  - ALUMINUM SERVICE CONDUCTORS ARE NOT RECOMMENDED AND SHOULD ONLY BE USED WHERE ABSOLUTELY NECESSARY OR REQUIRED BY THE OWNER. CONTRACTOR TO CONTACT ENGINEER FOR SIZING, WHERE ALUMINUM CONDUCTORS ARE USED. THE OWNER SHALL PROVIDE ANNUAL MAINTENANCE OF ALL TERMINATIONS TO ENSURE SECURE CONNECTIONS. ALUMINUM WIRE WILL EXPAND AND CONTRACT AND OVER TIME MAY BECOME BRITTLE. THE OWNER SHALL ASSUME RESPONSIBILITY FOR USING ALUMINUM CONDUCTORS WITHOUT PROPER INSTALLATION, CARE, AND MAINTENANCE.
  - COORDINATE ALL SERVICE AND METERING DETAILS INCLUDING ANY RELOCATION OF EXISTING UTILITY LINES WITH POWER COMPANY.
  - CONTRACTOR TO CONFIRM EXACT LOCATION OF METERS WITH ELECTRIC UTILITY.
  - PAY ANY POWER COMPANY FEES CHARGED TO OWNER FOR SERVICE AND UTILITY LINE WORK ASSOCIATED WITH THIS PROJECT. THESE COSTS SHALL BE INCLUDED IN BIDS.
  - FURNISH AND INSTALL MATERIALS FOR A TEMPORARY CONSTRUCTION SERVICE AS REQUIRED.
  - FURNISH AND/OR INSTALL ALL REQUIRED MATERIAL AND LABOR IN COMPLIANCE WITH POWER COMPANY REQUIREMENTS TO PROVIDE A COMPLETE ELECTRICAL SERVICE, INCLUDING TRENCHING AND BACK FILLING, PRIMARY CONDUIT, CONCRETE TRANSFORMER PAD, SECONDARY CONDUITS AND CABLES, C.T. CABINET, METERING AND GROUNDING SYSTEM.

- ELECTRICAL FEEDER KEYNOTES**
- CONDUIT SIZED BASED ON CONDUCTOR PROPERTIES LISTED IN THE CURRENT NEC EDITION, CHAPTER 9, TABLES 5 AND 5A, AND CONDUIT AREAS LISTED CHAPTER 9, TABLE 4 FOR EMT WITH 40% FILL. OTHER CONDITIONS MAY REQUIRE A LARGER CONDUIT, SUCH AS UNDERGROUND P.V.C. SIZED FOR NEC.
  - GROUND SIZES: EQUIPMENT GROUNDING CONDUCTOR BASED ON NEC TABLE 250.122 - COPPER / GROUNDING ELECTRODE CONDUCTOR BASED ON NEC TABLE 250.66 - COPPER
  - CONDUCTOR SIZES BASED ON NEC TABLE 310.15 - COPPER 75°C.

**ELECTRICAL FEEDER KEYNOTES**

50-3	3/4" C, 3#8, 1#10 GR
100-3	1" C, 3#3, 1#8 GR
100-4	1 - 1 1/4" C, #9, 1#8 GR
100-4-T	1 - 1 1/4" C, #9, 1#8 GR
175-3	1 - 1 1/2" C, 3#2, 1#6 GR
175-4	2" C, 4#2, 1#6 GR
200-3	2" C, 3#3, 1#6 GR
200-4	2" C, 4#3, 1#6 GR
200-4-T	2" C, 4#3, 1#4 GR
300-3	2 - 1 1/2" C, 3#1, 1#4 GR EACH
300-4	2 - 2" C, 4#1, 1#4 GR EACH
350-4	2 - 2" C, 4#2, 1#3 GR EACH
400-3	2 - 2" C, 3#3, 1#3 GR EACH
400-4	2 - 2" C, 4#3, 1#3 GR EACH
400-4-T	2 - 2" C, 4#3, 1#2 GR EACH
620-4	2 - 2 1/2" C, 4-350KCMIL, 1#1 GR EACH
620-4-T	2 - 2 1/2" C, 4-350KCMIL, 1#2, 0 GR EACH
800-4	4 - 2" C, 4#3, 1#10 GR EACH
4180-4-S	10 - 4" C, 4-600KCMIL EACH

- PANELBOARD NOTES (#)**
- TERMINATE GROUND ON ISOLATED GROUND BUS.
  - INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE).
  - INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD).
  - GFI BREAKER FOR PERSONNEL PROTECTION (5mA).
  - GFI BREAKER FOR EQUIPMENT PROTECTION (30mA).
  - CONDUCTOR SIZE SHOWN IN PANEL SCHEDULE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUND PROPORTIONALLY PER NEC. REFERENCE GROUND WIRE SIZING CHART.
  - REFER TO FAULT CURRENT SCHEDULE FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS.
  - REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
  - FACTORY WIRED TO LOAD.
  - THRU CONTROLLER. REFER TO LIGHTING CONTROLLER DETAIL.
  - ADD CIRCUIT BREAKER TO EXISTING PANEL.

**EQUIPMENT GROUNDING CONDUCTOR SIZING CHART**

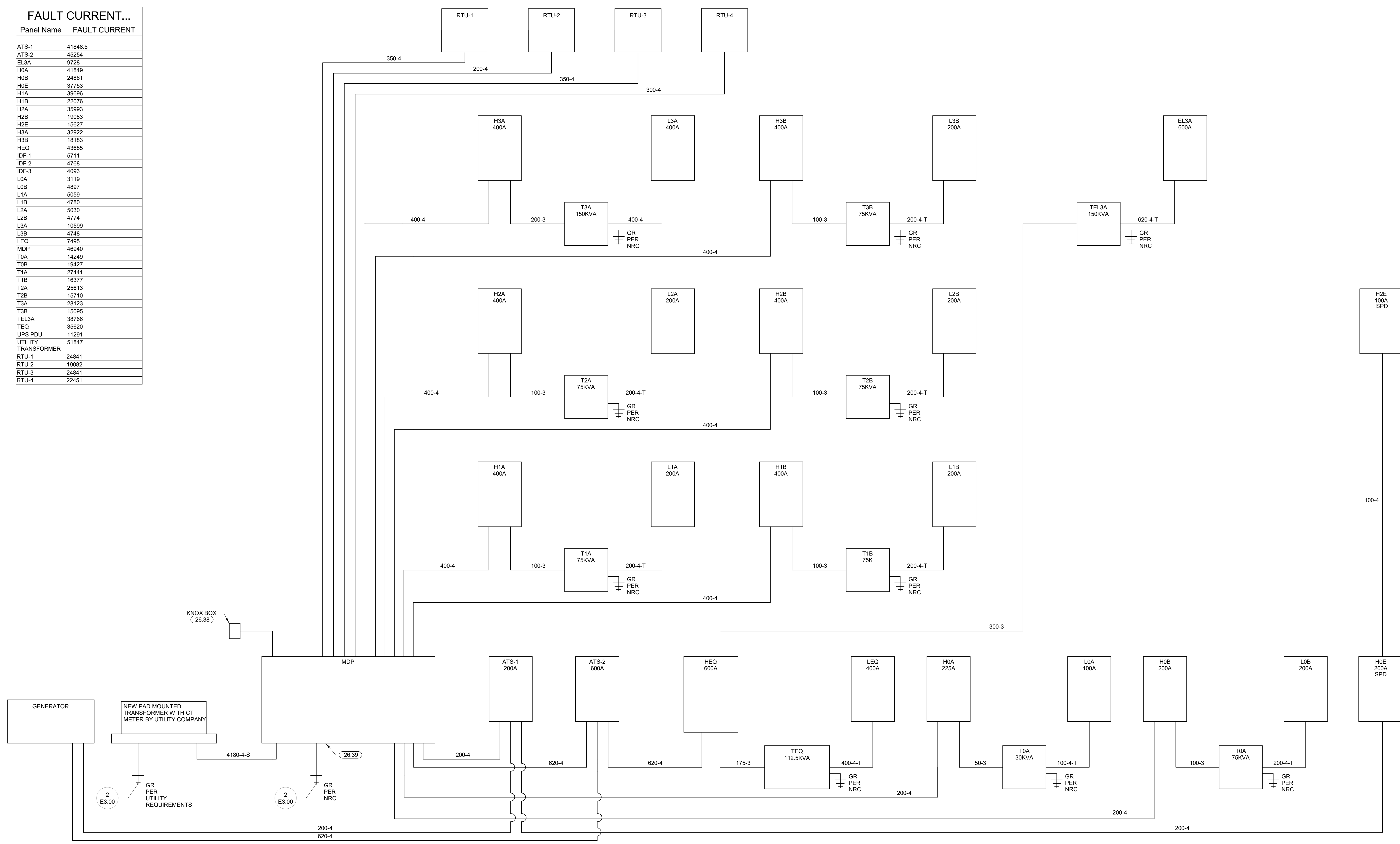
BRKR AMP	WIRE SIZE	WIRE SIZE			
		12	10	8	6
15-20	PHASE GROUND	12	10	8	6
	GROUND	12	10	8	6
25-30	PHASE GROUND	10	8	6	4
	GROUND	10	8	6	4
35-50	PHASE GROUND	8	6	4	3
	GROUND	8	6	4	4
60	PHASE GROUND	6	4	3	2
	GROUND	6	4	3	2
70	PHASE GROUND	6	4	3	2
	GROUND	6	4	3	2
80-90	PHASE GROUND	4	3	2	1
	GROUND	8	6	4	3
100	PHASE GROUND	3	2	1	1/0
	GROUND	8	6	4	3

PER NEC 250.122(B)

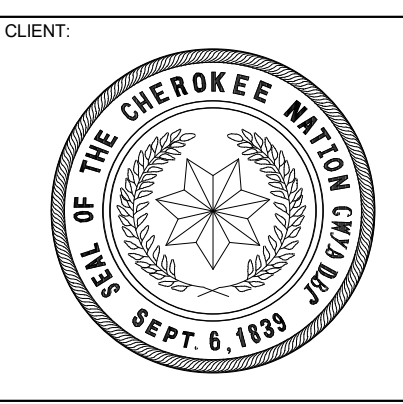
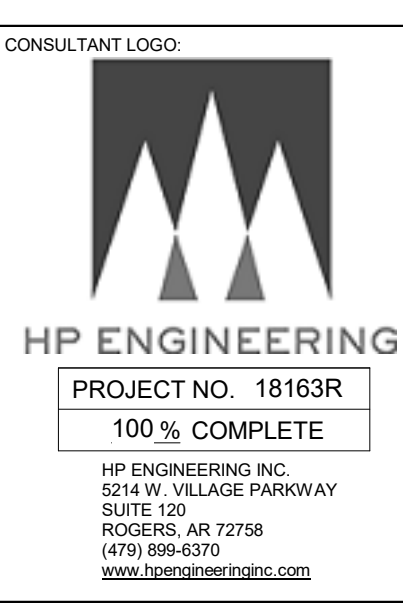
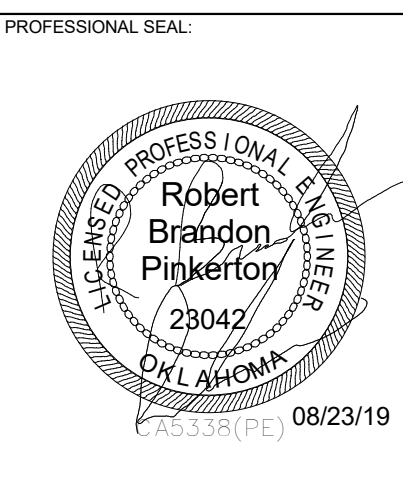
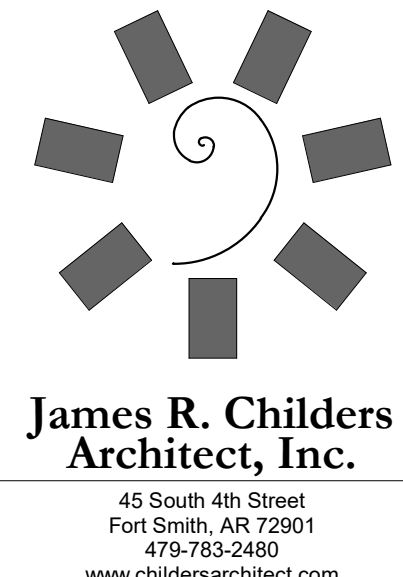
- KEYNOTES**
- KNOW REMOTE POWER BOX SERIES #4500 (OR EQUAL) FOR OPERATION OF MAIN CIRCUIT BREAKER IN MDP SHUNT TRIP. COORDINATE KEYING AND LOCATION WITH AHJ AND FIRE DEPARTMENT PRIOR TO ROUGH-IN. CIRCUIT AND INSTALL PER MANUFACTURER'S INSTRUCTIONS. COORDINATE EXACT LOCATION WITH FIRE MARSHALL PRIOR TO INSTALLATION.
  - PROVIDE TESTING OF THE SERVICE ENTRANCE MAIN BREAKER GROUND FAULT PROTECTION SYSTEM AS REQUIRED BY THE NEC. TESTING SHALL BE PERFORMED BY A QUALIFIED PERSON USING A TEST PROCESS OF PRIMARY CURRENT INJECTION, IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S INSTRUCTIONS. PRIOR TO OCCUPANCY, ADJUST THE MAIN BREAKER GROUND FAULT PICKUP TO 40% OF THE BREAKER TRIP SETTING, NOT TO EXCEED 1200A. ADJUST THE MAIN BREAKER GROUND FAULT DELAY TO THE MAXIMUM VALUE, NOT TO EXCEED 1 SECOND.

**FAULT CURRENT...**

Panel Name	FAULT CURRENT
ATS-1	41848.5
ATS-2	45254
EL3A	9728
H0A	41849
H0B	24861
H0E	37753
H1A	39696
H1B	22076
H2A	35993
H2B	19083
H2E	15627
H3A	32922
H3B	18183
HEQ	43685
IDF-1	5711
IDF-2	4788
IDF-3	4093
LOA	3119
L0B	4897
L1A	5059
L1B	4780
L2A	5030
L2B	4774
L3A	10599
L3B	4748
LEQ	7495
MDP	46940
T0A	14249
T0B	19427
T1A	27441
T1B	16377
T2A	25613
T2B	15710
T3A	28123
T3B	15095
TEL3A	38766
TEQ	35620
UPS PDU	11291
UTILITY TRANSFORMER	51847
RTU-1	24841
RTU-2	19082
RTU-3	24841
RTU-4	22451



**1 RISER DIAGRAM**  
N.T.S.



COLLEGE OF  
**Osteopathic Medicine**  
AT THE CHEROKEE NATION  
TAHLEQUAH, OKLAHOMA

KEY PLAN

PROJECT PHASE  
CONSTRUCTION DOCUMENTS

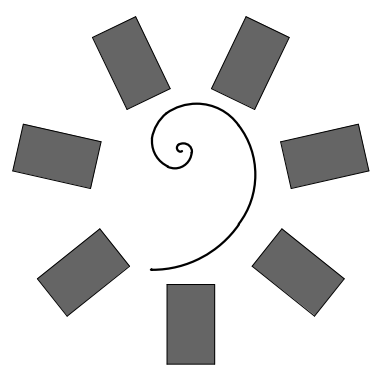
#	DATE	REVISIONS DESCRIPTION

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JOB NUMBER: 17-13  
SHEET NUMBER:

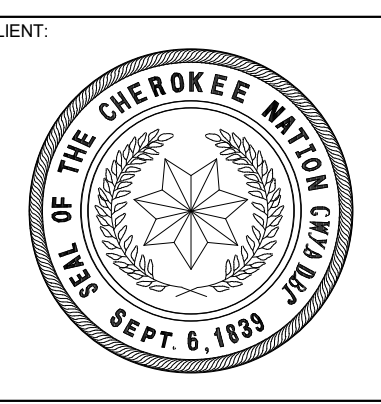
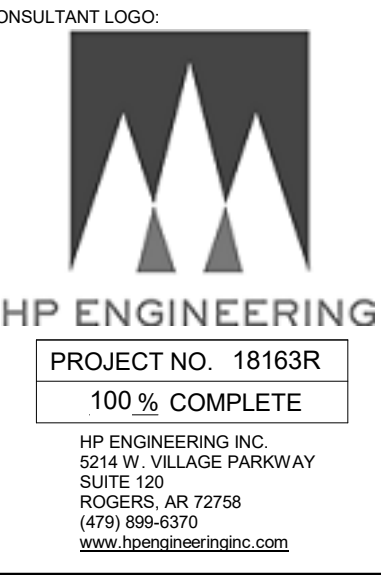
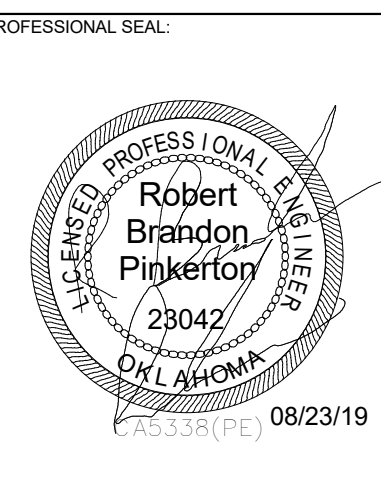
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ELECTRICAL SCHEDULES AND RISER

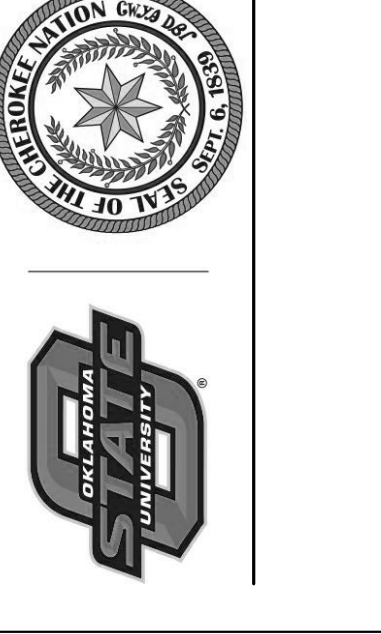




James R. Childers Architect, Inc. 45 South 4th Street Fort Smith, AR 72901 479-783-2450 www.childersarchitect.com



COLLEGE OF Osteopathic Medicine AT THE CHEROKEE NATION TAHLEQUAH, OKLAHOMA



KEY PLAN

PROJECT PHASE CONSTRUCTION DOCUMENTS

Table with columns: #, DATE, REVISIONS, DESCRIPTION

DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER: E3.01

UPS SCHEDULES AND RISER

Branch Panel: UPS PDU NEW. Location: 112.5 kVA, 0 V/480 V... A.I.C. Rating: 10000. Mains Type: MLO. Mains Rating: 600 A. Includes load classification table.

Branch Panel: IDF-1 NEW. Location: UPS PDU. Volts: 120/208 Wye. A.I.C. Rating: 10000. Mains Type: MLO. Mains Rating: 100 A. Includes load classification table.

Branch Panel: IDF-2 NEW. Location: UPS PDU. Volts: 120/208 Wye. A.I.C. Rating: 10000. Mains Type: MLO. Mains Rating: 100 A. Includes load classification table.

Branch Panel: IDF-3 NEW. Location: UPS PDU. Volts: 120/208 Wye. A.I.C. Rating: 10000. Mains Type: MLO. Mains Rating: 100 A. Includes load classification table.

1. CONDUIT SIZED BASED ON CONDUCTOR PROPERTIES LISTED IN THE CURRENT NEC EDITION, CHAPTER 9, TABLES 5 AND 5A, AND CONDUIT AREAS LISTED CHAPTER 9, TABLE 4 FOR EMT WITH 40% FILL. OTHER CONDITIONS MAY REQUIRE A LARGER CONDUIT, SUCH AS UNDERGROUND PVC, SIZED FOR NEC.

2. GROUND SIZES, EQUIPMENT GROUNDING CONDUCTOR BASED ON NEC TABLE 250.122 - COPPER / GROUNDING ELECTRODE CONDUCTOR BASED ON NEC TABLE 250.66 - COPPER

3. CONDUCTOR SIZES BASED ON NEC TABLE 310.15 - COPPER 75°C.

PANELBOARD NOTES (#)

- 1. TERMINATE GROUND ON ISOLATED GROUND BUS. 2. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE). 3. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD). 4. GFI BREAKER FOR PERSONNEL PROTECTION (SHA). 5. GFI BREAKER FOR EQUIPMENT PROTECTION (30mA). 6. CONDUCTOR SIZE SHOWN IN PANEL SCHEDULE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUND PROPORTIONALLY PER NEC. REFERENCE GROUND WIRE SIZING CHART. 7. REFER TO FAULT CURRENT SCHEDULE FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS. 8. REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES. 9. FACTORY WIRE TO LOAD. 10. THRU CONTROLLER. REFER TO LIGHTING CONTROLLER DETAIL. 11. ADD CIRCUIT BREAKER TO EXISTING PANEL.

ELECTRICAL FEEDER KEYNOTES

Table with columns: Conductor Size, Material, Length, Notes. Includes entries for 50-3, 100-3, 100-4, 100-4-T, 175-3, 175-4, 200-3, 200-4, 200-4-T, 300-3, 300-4, 350-4, 400-3, 400-4, 400-4-T, 620-4, 620-4-T, 800-4, 4180-4-S.

EQUIPMENT GROUNDING CONDUCTOR SIZING CHART

Table with columns: BRKR AMPS, PHASE GROUND, WIRE SIZE (12, 10, 8, 6, 4). Includes rows for 15-20, 25-30, 35-50, 60, 70, 80-90, 100.

SWITCHGEAR LABEL THE MAIN SWITCHBOARD SHALL HAVE A LABEL APPLIED TO WARN OF POTENTIAL SHOCK HAZARDS

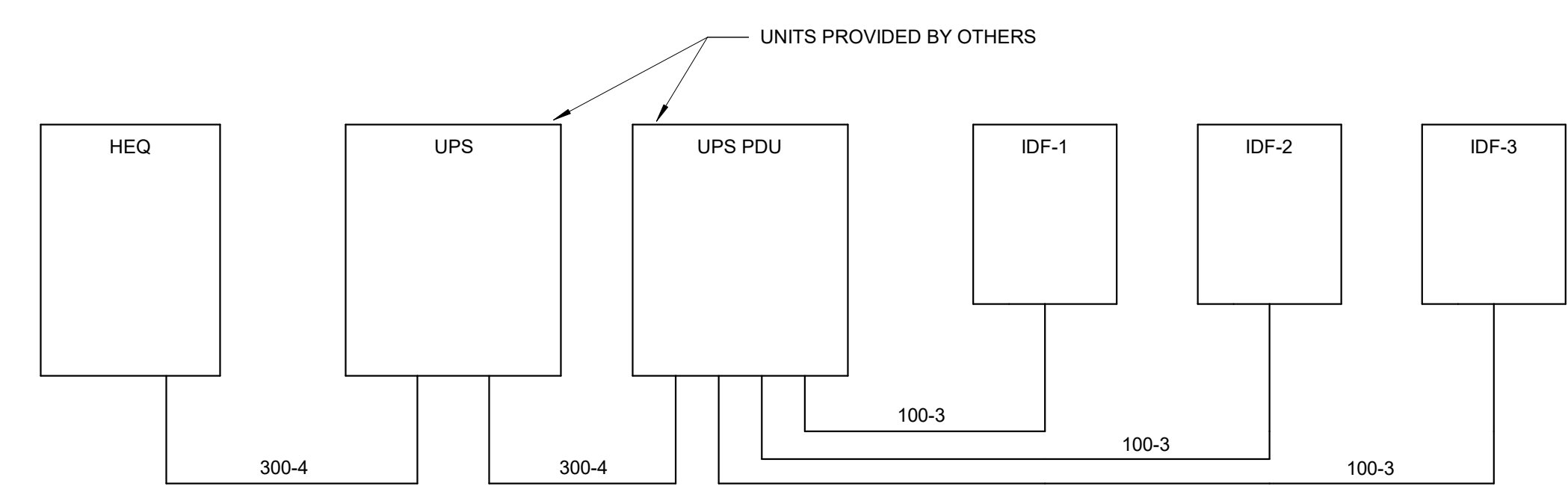
WARNING SHOCK HAZARD EXISTS IF GROUNDING ELECTRODE CONDUCTOR OR BONDING JUMPER CONNECTION IN THIS EQUIPMENT IS REMOVED WHILE ALTERNATE SOURCE(S) IS ENERGIZED.

NOTES: A. THE MAIN SWITCHBOARD SHALL HAVE A COMMERCIALY PRODUCED PERMANENT LABEL APPLIED, SIMILAR TO THE ABOVE, TO WARN OF POTENTIAL SHOCK HAZARDS, IN ACCORDANCE WITH NEC 702.7 AND NFPA 70E. B. LABELING MAY BE COMPLETED BY EQUIPMENT MANUFACTURER, EQUIPMENT VENDOR/SUPPLIER, OR THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THAT ALL SWITCHBOARDS AND PANELBOARDS ARE PROPERLY LABELED IN THE FIELD.

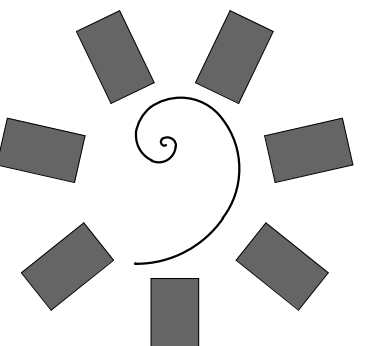
EQUIPMENT LABELS ALL SWITCHBOARDS AND PANELBOARDS SHALL HAVE A LABEL APPLIED TO WARN OF POTENTIAL ARC FLASH HAZARDS

WARNING ARC FLASH AND SHOCK HAZARD. APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIRED.

NOTES: A. ALL SWITCHBOARDS AND PANELBOARDS SHALL HAVE A COMMERCIALY PRODUCED PERMANENT LABEL APPLIED, SIMILAR TO THE ABOVE, TO WARN OF POTENTIAL ARC FLASH HAZARDS, IN ACCORDANCE WITH NEC 110.16 AND NFPA 70E. B. LABELING MAY BE COMPLETED BY EQUIPMENT MANUFACTURER, EQUIPMENT VENDOR/SUPPLIER, OR THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THAT ALL SWITCHBOARDS AND PANELBOARDS ARE PROPERLY LABELED IN THE FIELD.



1 UPS RISER DIAGRAM NTS



James R. Childers Architect, Inc. 45 South 4th Street Fort Smith, AR 72901 479-783-2460 www.childersarchitect.com

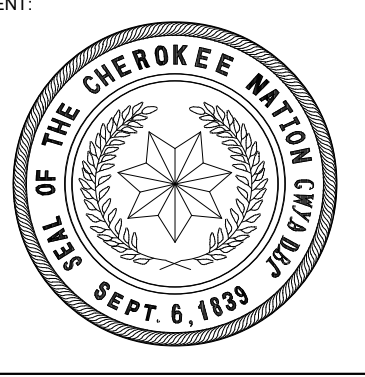
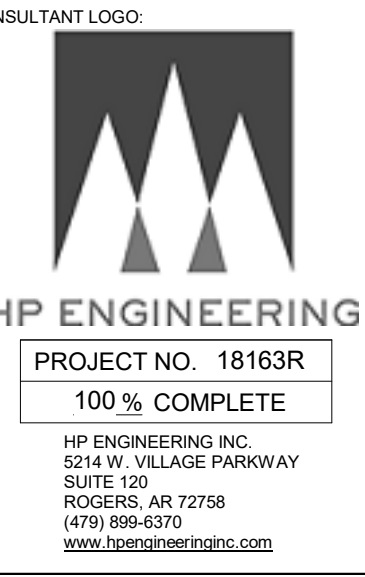
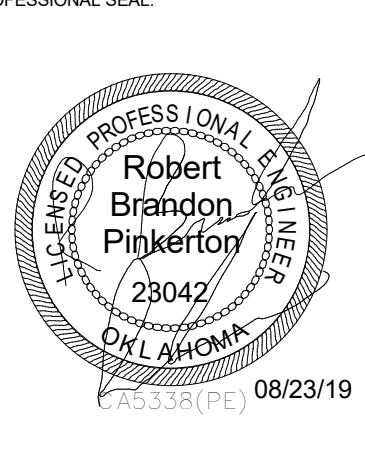


Table with 2 columns: #, DATE, REVISIONS, DESCRIPTION

DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER: E3.02

PANEL SCHEDULES

PANELBOARD NOTES (#)

- 1. TERMINATE GROUND ON ISOLATED GROUND BUS. 2. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD... 3. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD... 4. GFI BREAKER FOR PERSONNEL PROTECTION (5mA). 5. GFI BREAKER FOR EQUIPMENT PROTECTION (30mA). 6. CONDUCTOR SIZE SHOWN IN PANEL SCHEDULE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUND PROPORTIONALLY PER NEC. REFERENCE GROUND WIRE SIZING CHART. 7. REFER TO FAULT CURRENT FOR CRITICAL LOAD. AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS. 8. REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES. 9. FACTORY WIRE TO LOAD. 10. THRU CONTROLLER, REFER TO LIGHTING CONTROLLER DETAIL. 11. ADD CIRCUIT BREAKER TO EXISTING PANEL.

EQUIPMENT GROUNDING CONDUCTOR SIZING CHART

Table with columns: BRKR AMPS, WIRE SIZE, PHASE GROUND, and values for various breaker ratings and wire sizes.

Branch Panel: H0E NEW

Location: EMER ELEC ROOM Volts: 480/277 Wye Phases: 3 Wires: 4 A.I.C. Rating: FULLY (7) Supply From: ATS-1 Mains Type: MCB Mains Rating: 200 A Mounting: SURFACE Enclosure: NEMA 1

Main equipment table for Branch Panel H0E listing circuit numbers, load names, wire sizes, and demand factors.

Summary table for Branch Panel H0E showing total load, demand factor, and estimated demand.

Branch Panel: MDP NEW

Location: MAIN ELECTRICAL ROOM Volts: 480/277 Wye Phases: 3 Wires: 4 A.I.C. Rating: FULLY (7) Supply From: MDP Mains Type: MCB Mains Rating: 4000 A Mounting: SURFACE Enclosure: NEMA 1

Main equipment table for Branch Panel MDP listing circuit numbers, load names, wire sizes, and demand factors.

Summary table for Branch Panel MDP showing total load, demand factor, and estimated demand.

Branch Panel: HEQ NEW

Location: MAIN ELEC ROOM Volts: 480/277 Wye Phases: 3 Wires: 4 A.I.C. Rating: FULLY (7) Supply From: ATS-2 Mains Type: MLO Mains Rating: 600 A Mounting: SURFACE Enclosure: NEMA 1

Main equipment table for Branch Panel HEQ listing circuit numbers, load names, wire sizes, and demand factors.

Summary table for Branch Panel HEQ showing total load, demand factor, and estimated demand.

Branch Panel: H0A NEW

Location: MAIN ELECTRICAL ROOM Volts: 480/277 Wye Phases: 3 Wires: 4 A.I.C. Rating: FULLY (7) Supply From: MDP Mains Type: MLO Mains Rating: 200 A Mounting: SURFACE Enclosure: NEMA 1

Main equipment table for Branch Panel H0A listing circuit numbers, load names, wire sizes, and demand factors.

Summary table for Branch Panel H0A showing total load, demand factor, and estimated demand.

Branch Panel: EL3A NEW

Location: L3 ELEC S (3014) Volts: 120/208 Wye Phases: 3 Wires: 4 A.I.C. Rating: FULLY (7) Supply From: TEL3A Mains Type: MCB Mains Rating: 600 A Mounting: SURFACE Enclosure: NEMA 1

Main equipment table for Branch Panel EL3A listing circuit numbers, load names, wire sizes, and demand factors.

Summary table for Branch Panel EL3A showing total load, demand factor, and estimated demand.

Branch Panel: H2E NEW

Location: L2 ELEC S Volts: 480/277 Wye Phases: 3 Wires: 4 A.I.C. Rating: FULLY (7) Supply From: H0E Mains Type: MLO Mains Rating: 100 A Mounting: SURFACE Enclosure: NEMA 1

Main equipment table for Branch Panel H2E listing circuit numbers, load names, wire sizes, and demand factors.

Summary table for Branch Panel H2E showing total load, demand factor, and estimated demand.

Branch Panel: H0B NEW

Location: MDP Volts: 480/277 Wye Phases: 3 Wires: 4 A.I.C. Rating: FULLY (7) Supply From: MDP Mains Type: MCB Mains Rating: 200 A Mounting: SURFACE Enclosure: NEMA 1

Main equipment table for Branch Panel H0B listing circuit numbers, load names, wire sizes, and demand factors.

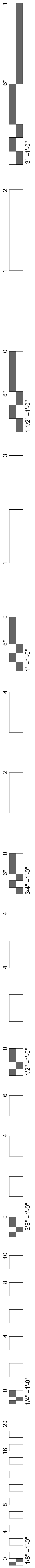
Summary table for Branch Panel H0B showing total load, demand factor, and estimated demand.

Branch Panel: LEQ NEW

Location: TEQ Volts: 120/208 Wye Phases: 3 Wires: 4 A.I.C. Rating: FULLY (7) Supply From: TEQ Mains Type: MCB Mains Rating: 400 A Mounting: SURFACE Enclosure: NEMA 1

Main equipment table for Branch Panel LEQ listing circuit numbers, load names, wire sizes, and demand factors.

Summary table for Branch Panel LEQ showing total load, demand factor, and estimated demand.

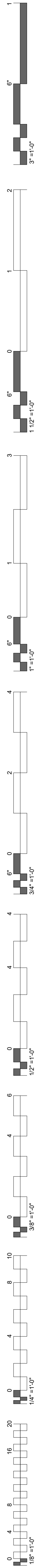




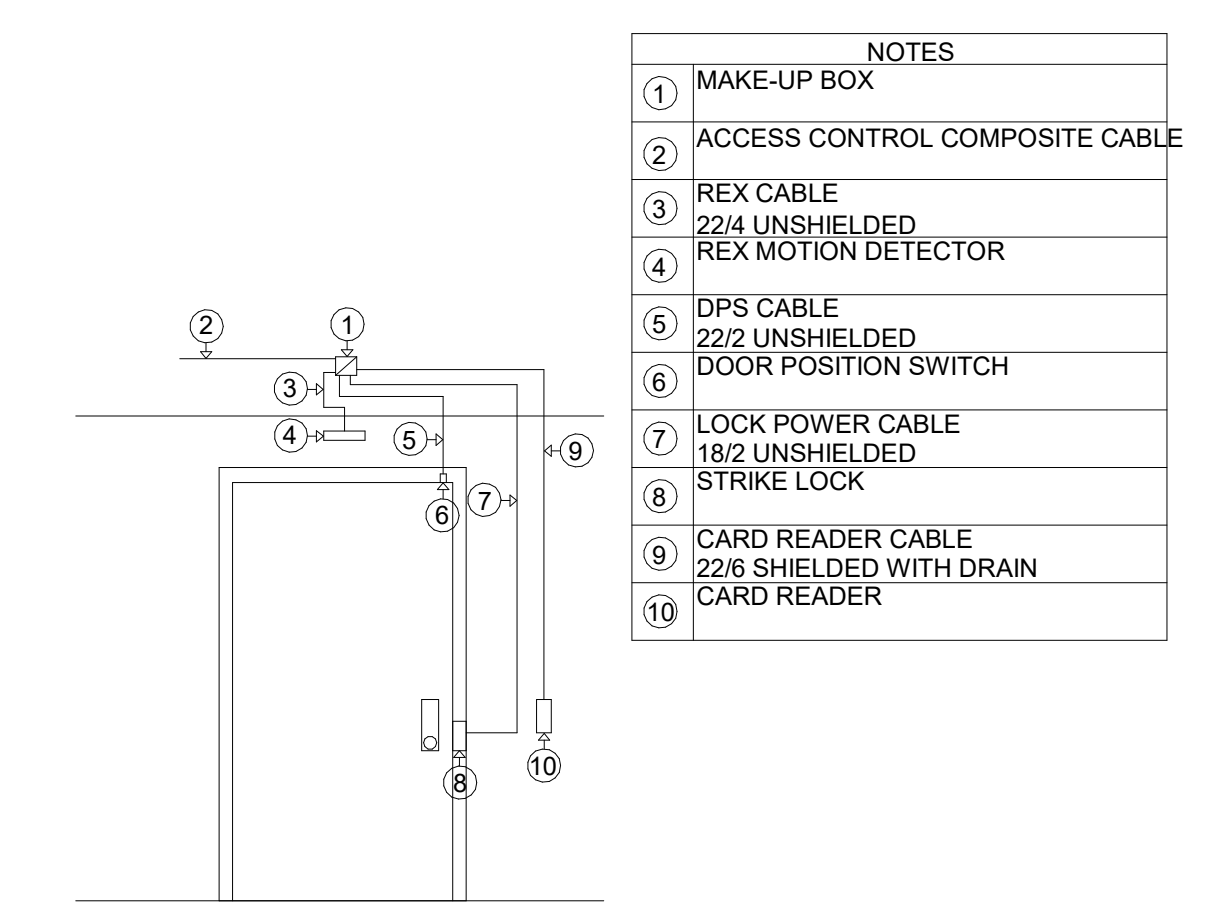








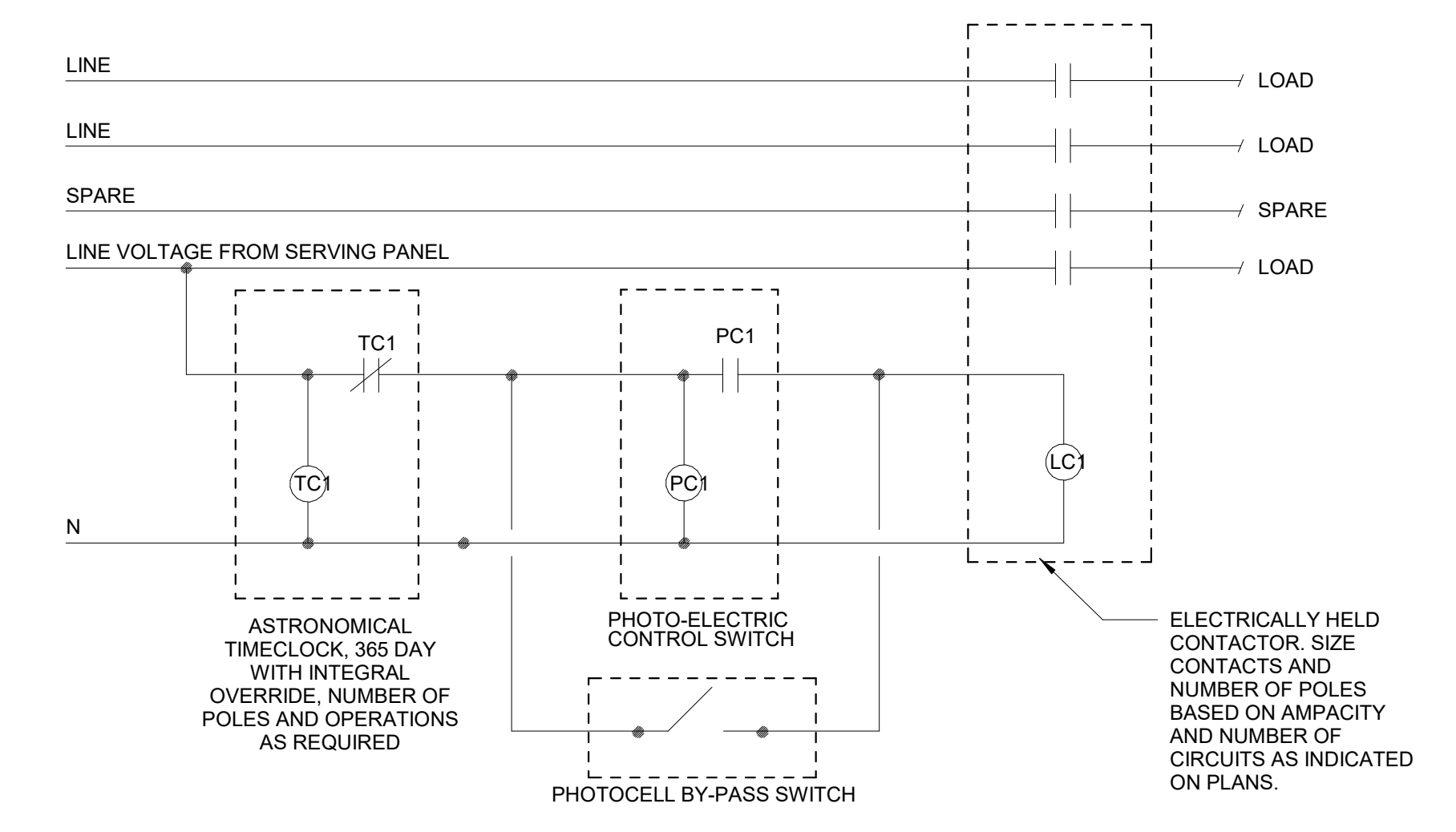
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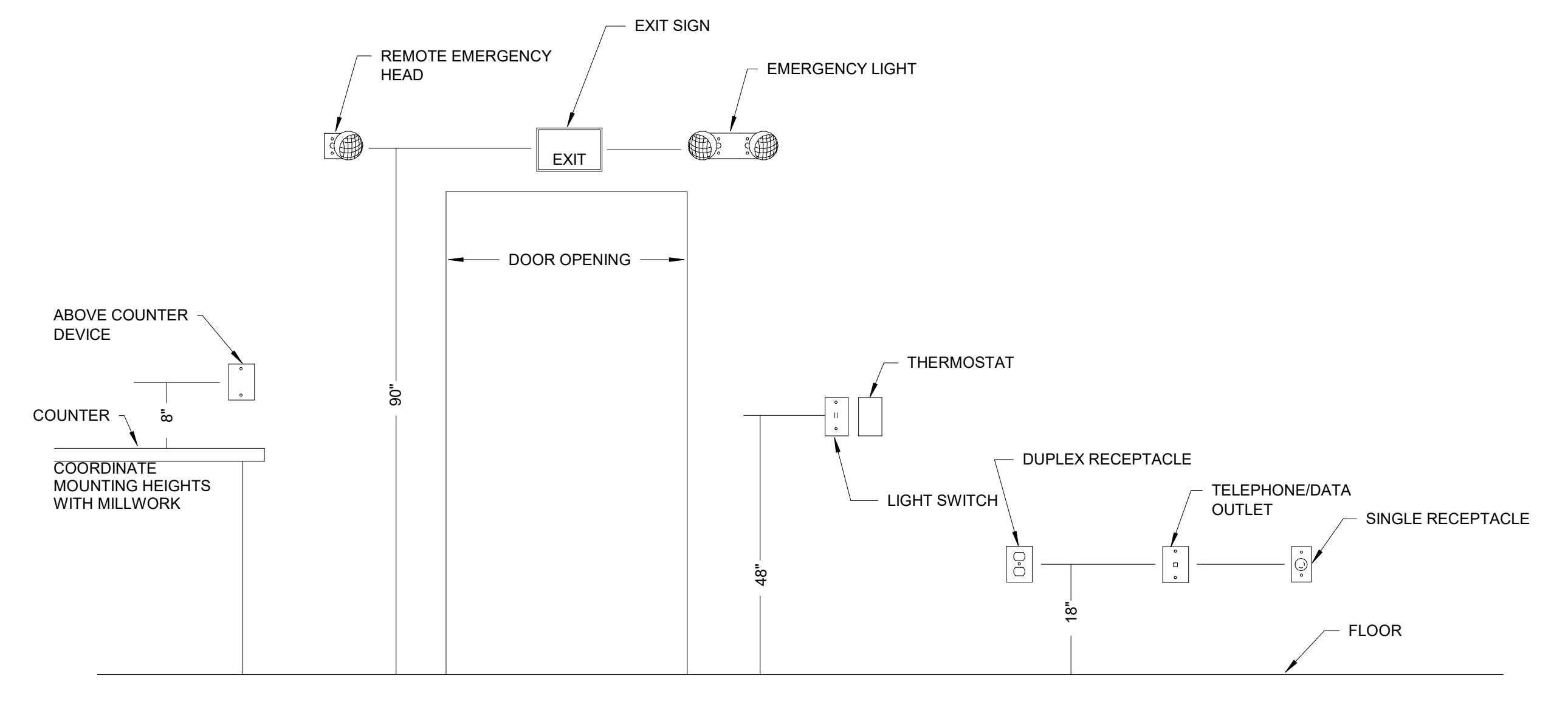
NOTES

①	MAKE-UP BOX
②	ACCESS CONTROL COMPOSITE CABLE
③	REX CABLE
④	22/4 UNSHIELDED REX MOTION DETECTOR
⑤	DPS CABLE
⑥	22/2 UNSHIELDED DOOR POSITION SWITCH
⑦	LOCK POWER CABLE
⑧	18/2 UNSHIELDED STRIKE LOCK
⑨	CARD READER CABLE
⑩	22/8 SHIELDED WITH DRAIN CARD READER

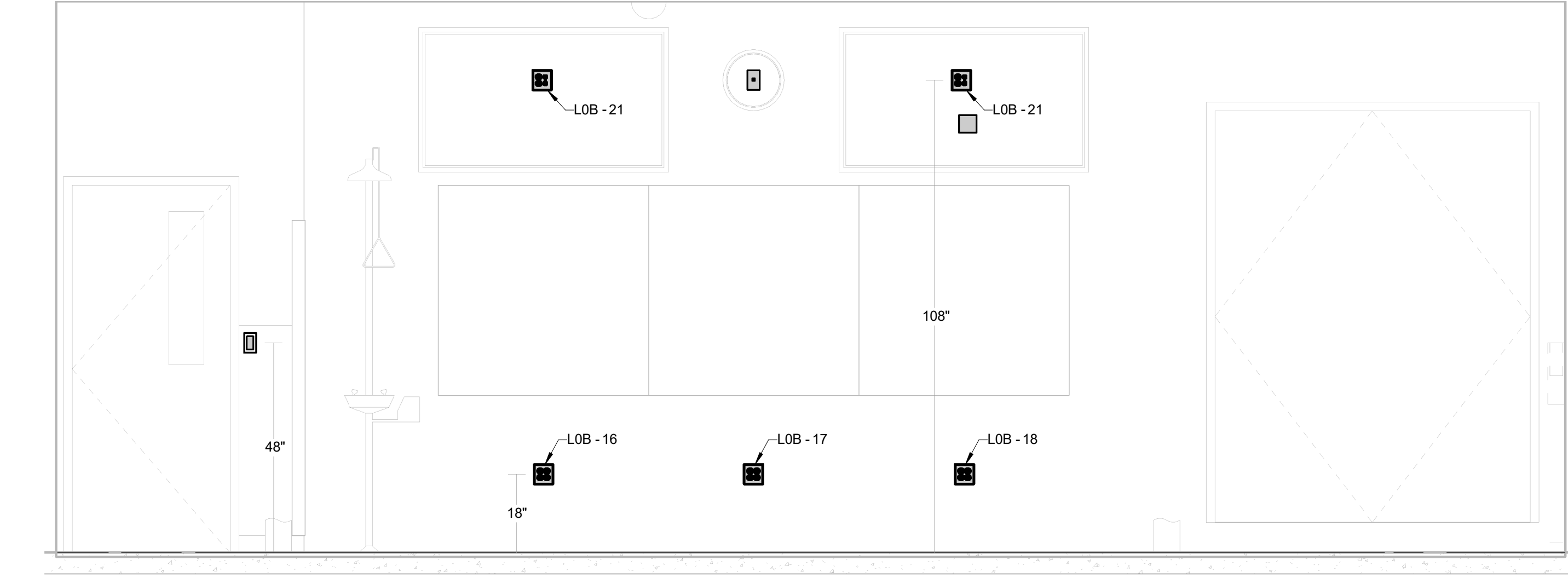
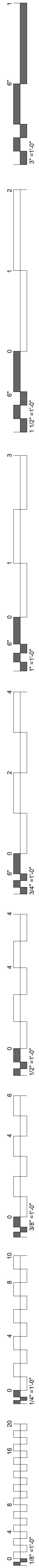
**4 DOOR TYPICAL- SINGLE DOOR WITH STRIKE LOCK**  
N.T.S.



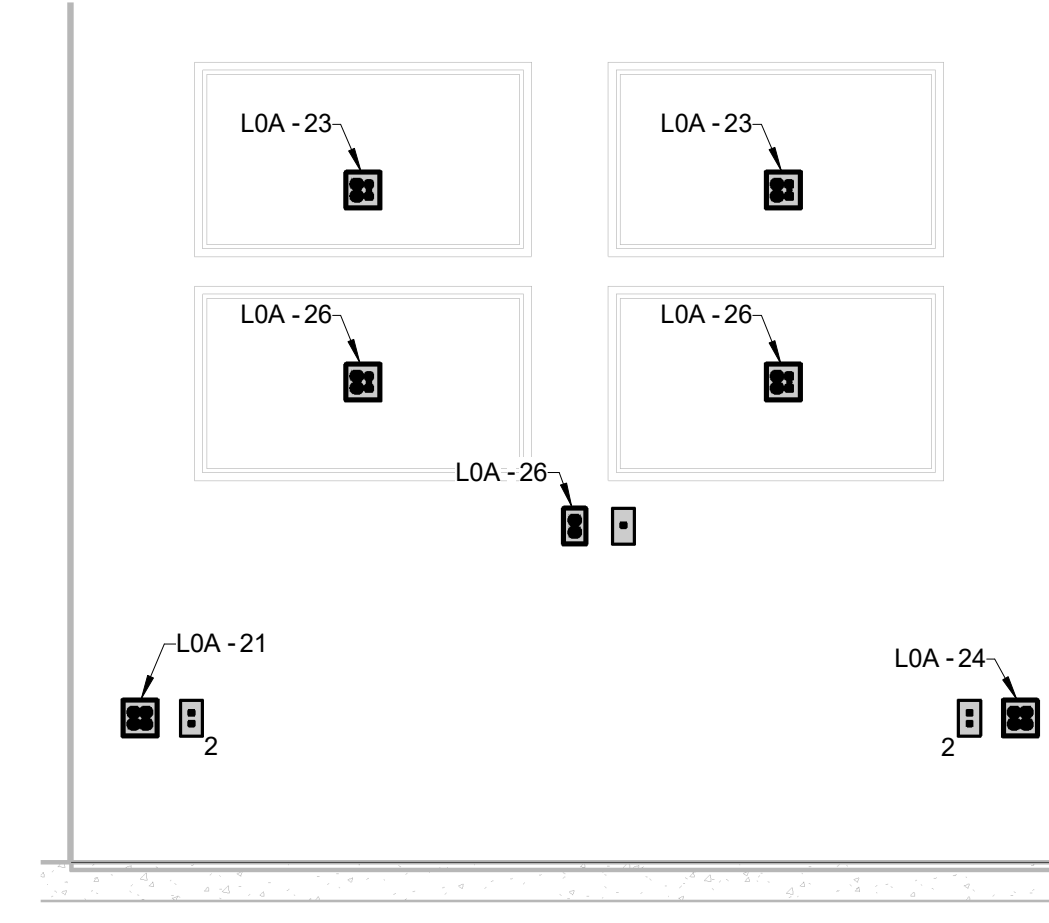
**2 TYPICAL LIGHTING CONTACTOR**  
N.T.S.



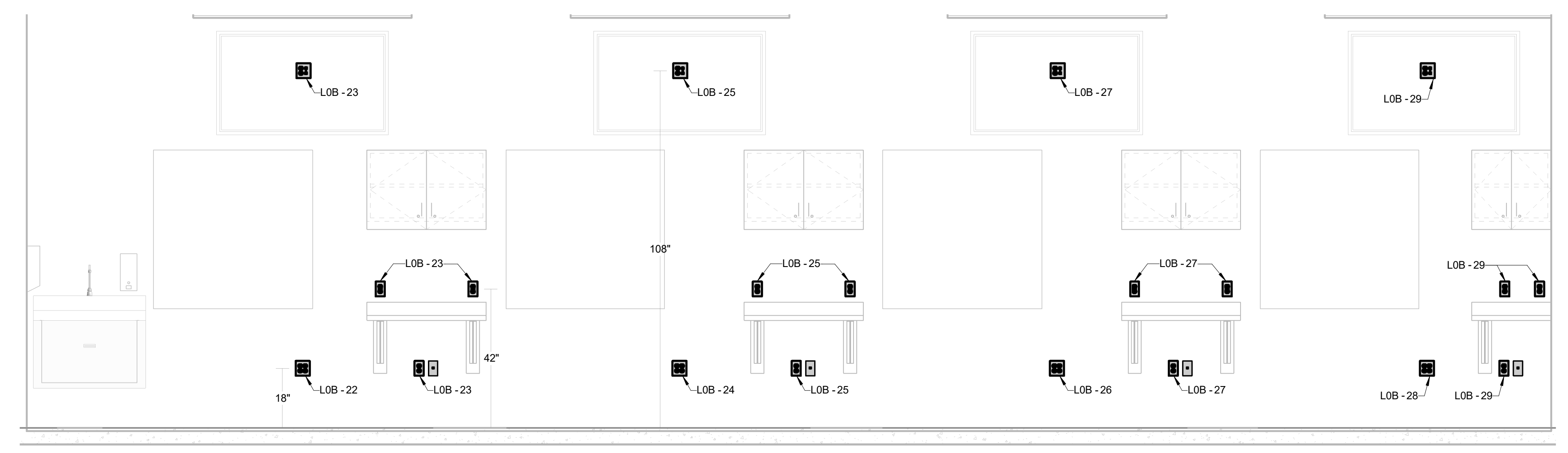
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N.T.S.



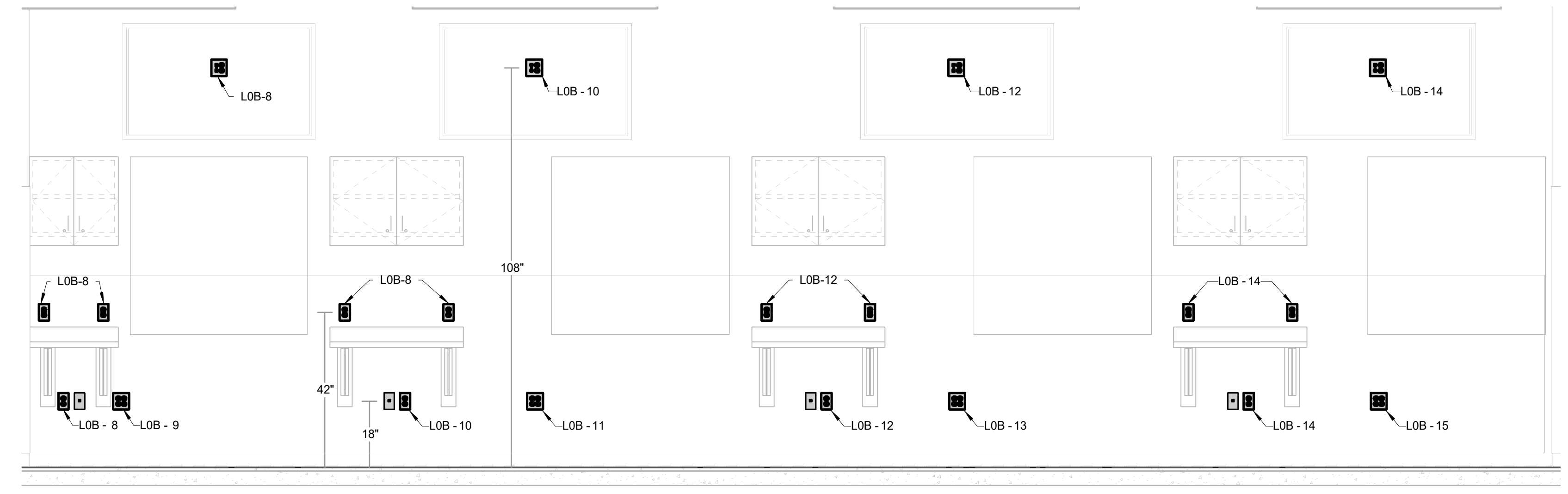
**2 NEUROANATOMY SOUTH WALL**  
1/2" = 1'-0"



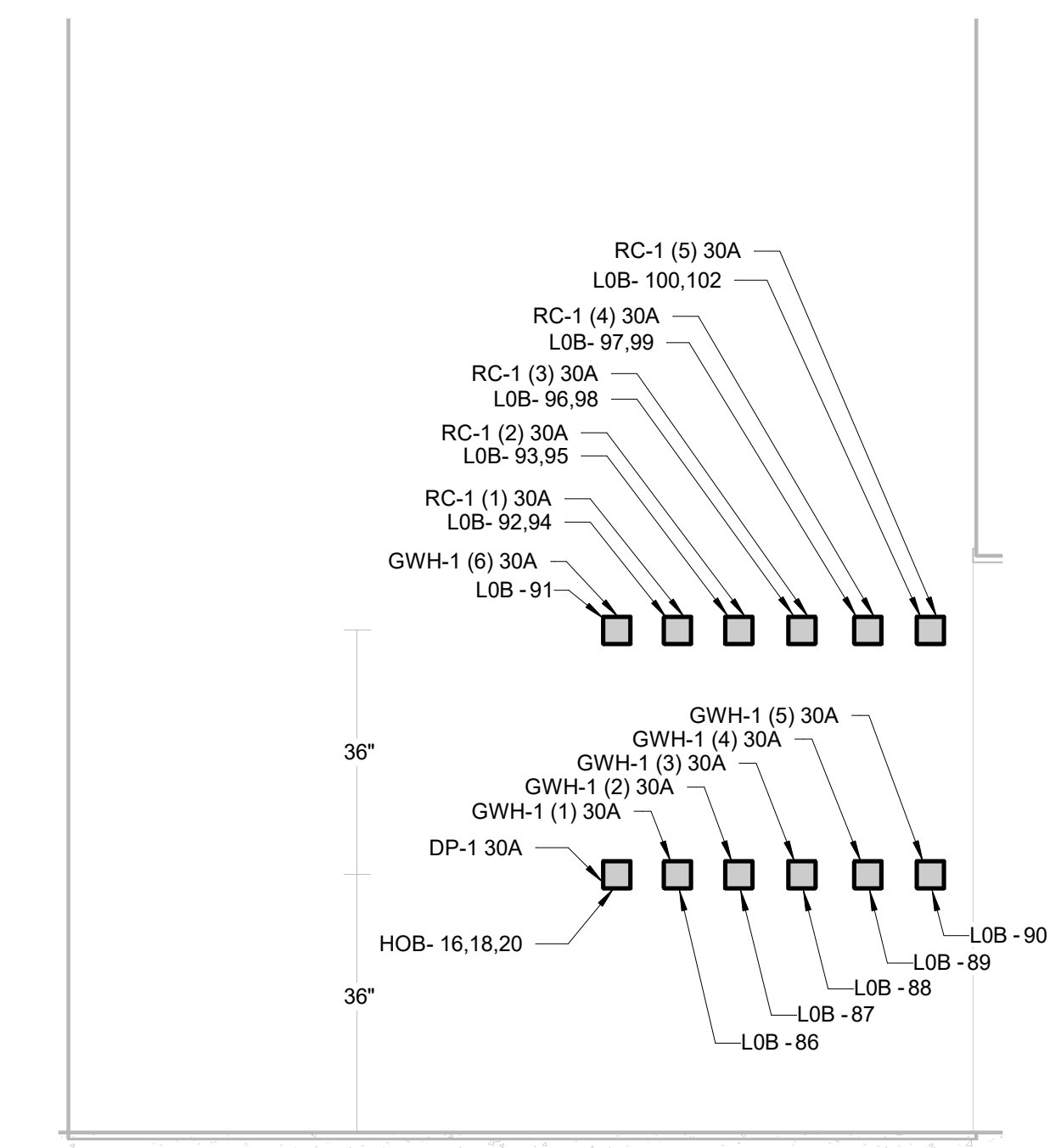
**4 SECURITY OFFICE NORTH WALL**  
1/2" = 1'-0"



**3 NEUROANATOMY WEST WALL**  
1/2" = 1'-0"



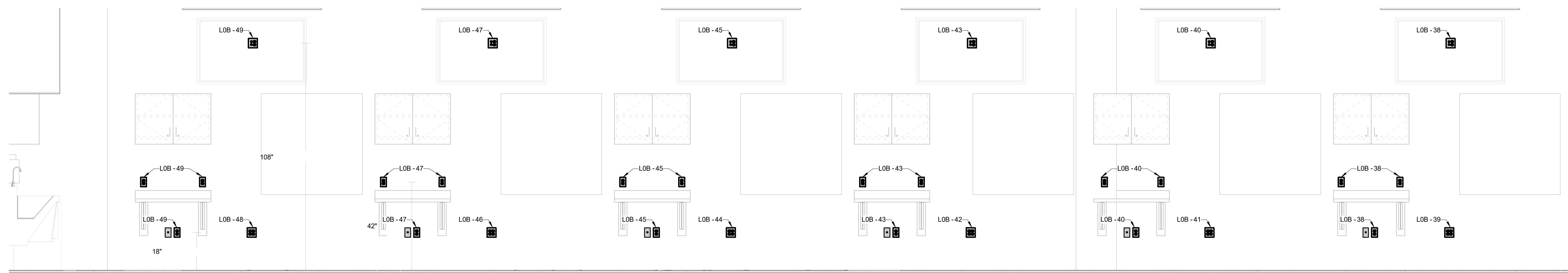
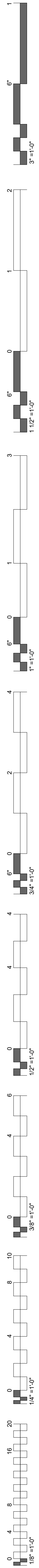
**1 NEUROANATOMY EAST WALL**  
1/2" = 1'-0"



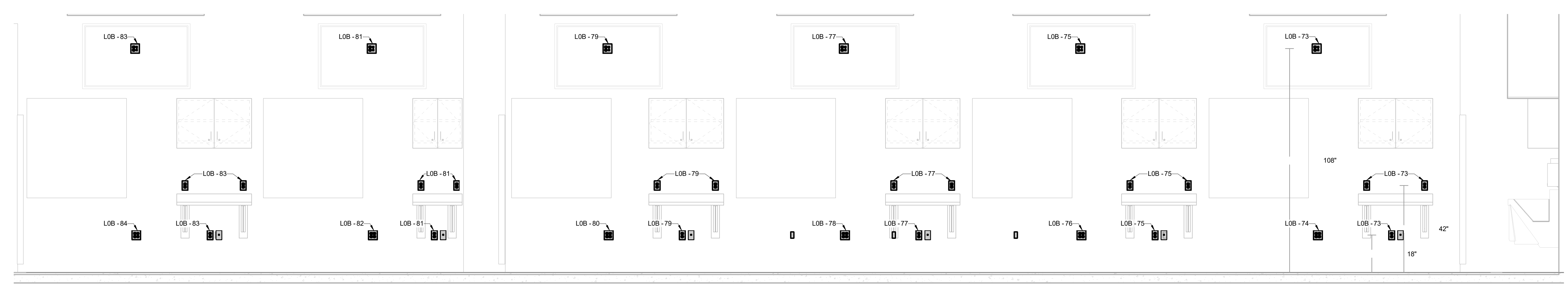
**5 BSMT MECH SOUTH WALL**  
1/2" = 1'-0"

#	DATE	REVISIONS	DESCRIPTION



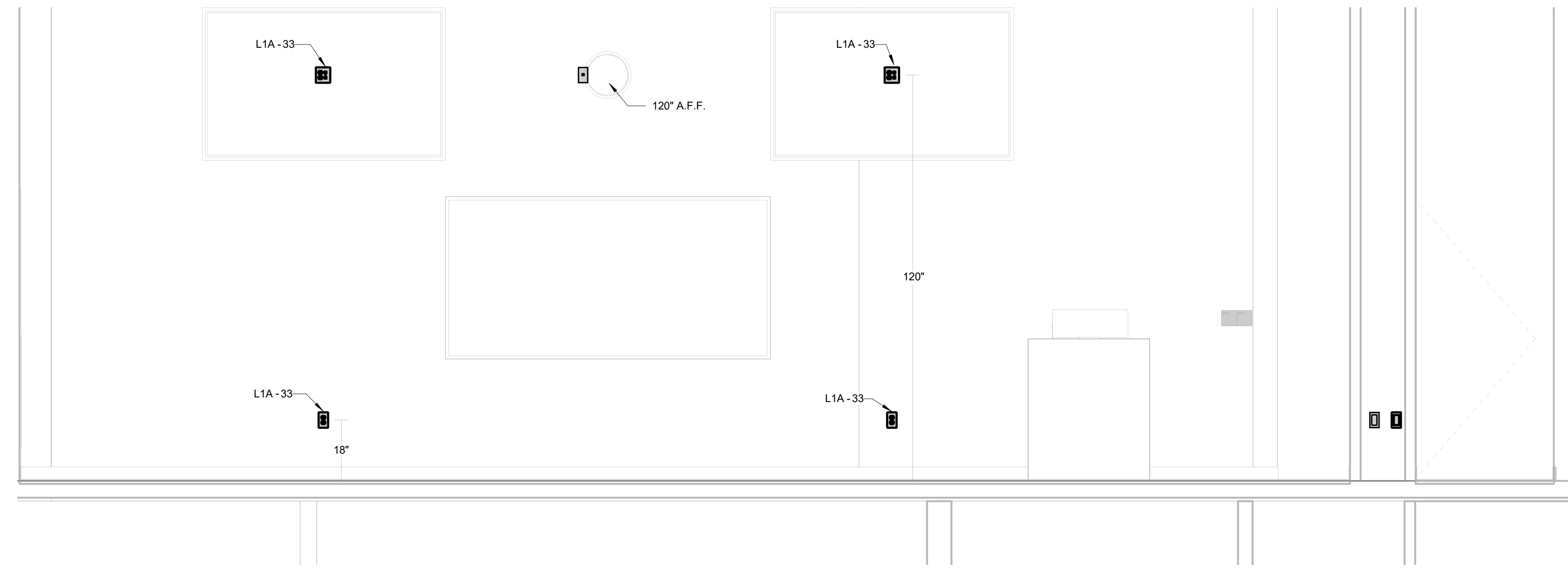
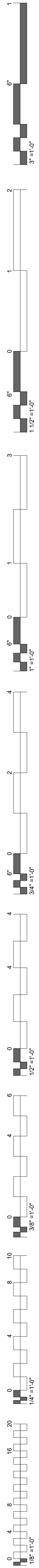


**2 GROSS ANATOMY EAST WALL**  
1/2" = 1'-0"

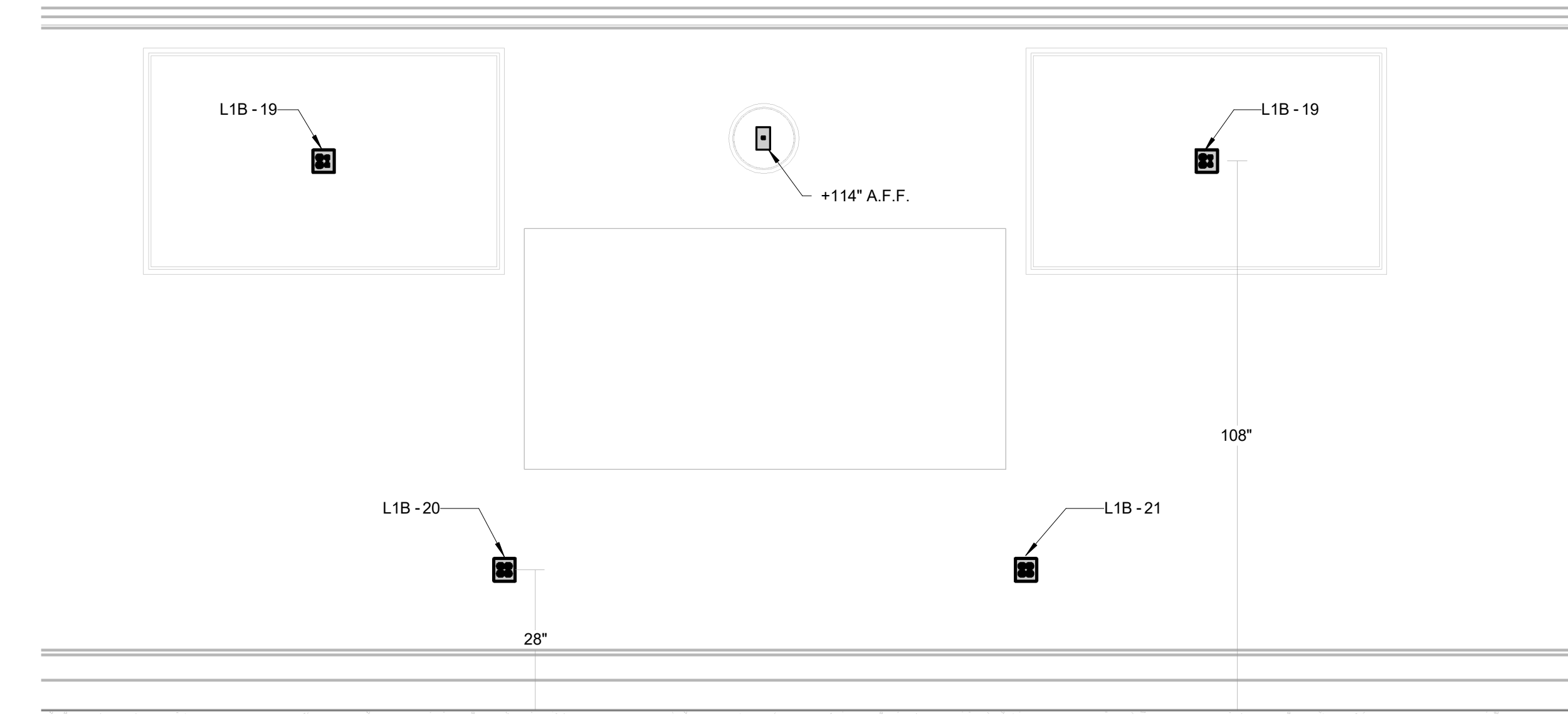


**1 GROSS ANATOMY WEST WALL**  
1/2" = 1'-0"

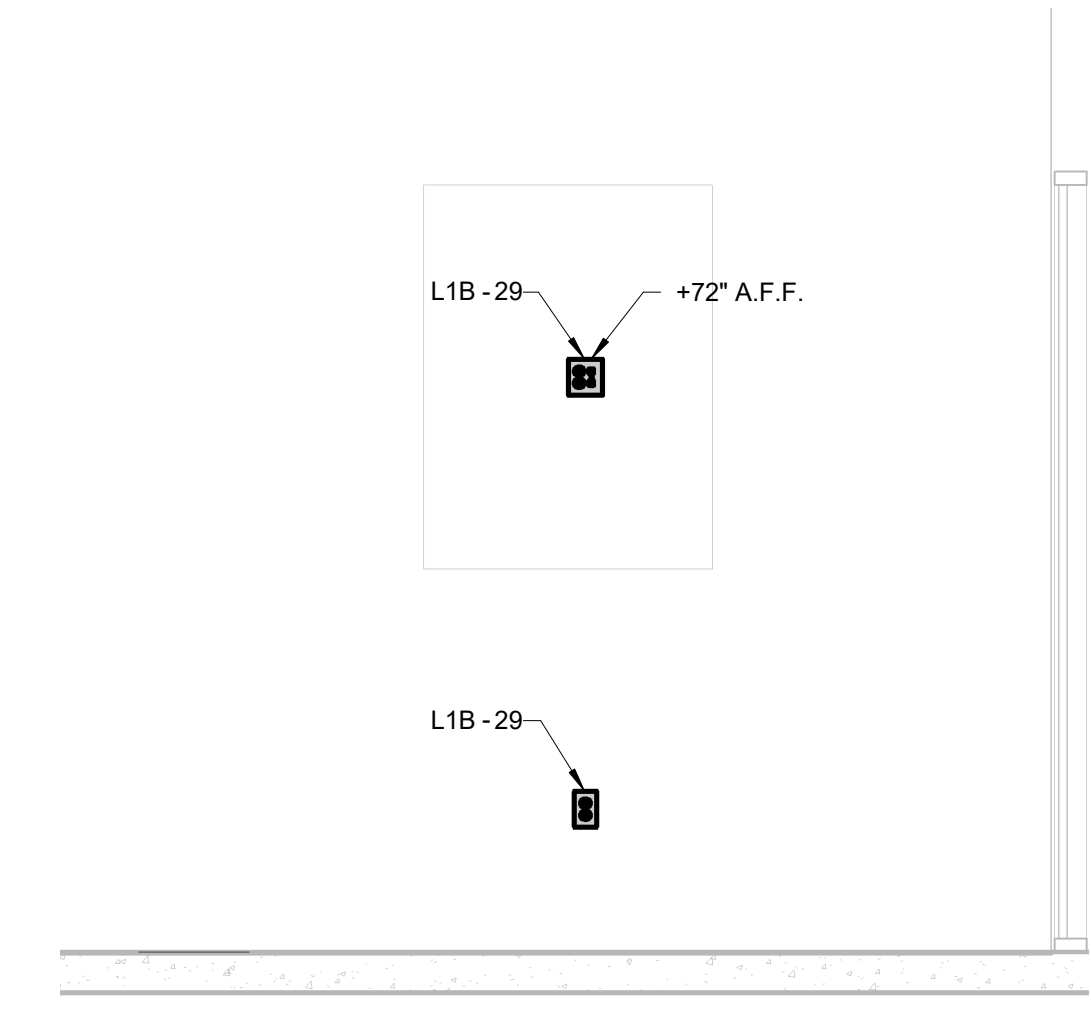
#	DATE	REVISIONS	DESCRIPTION



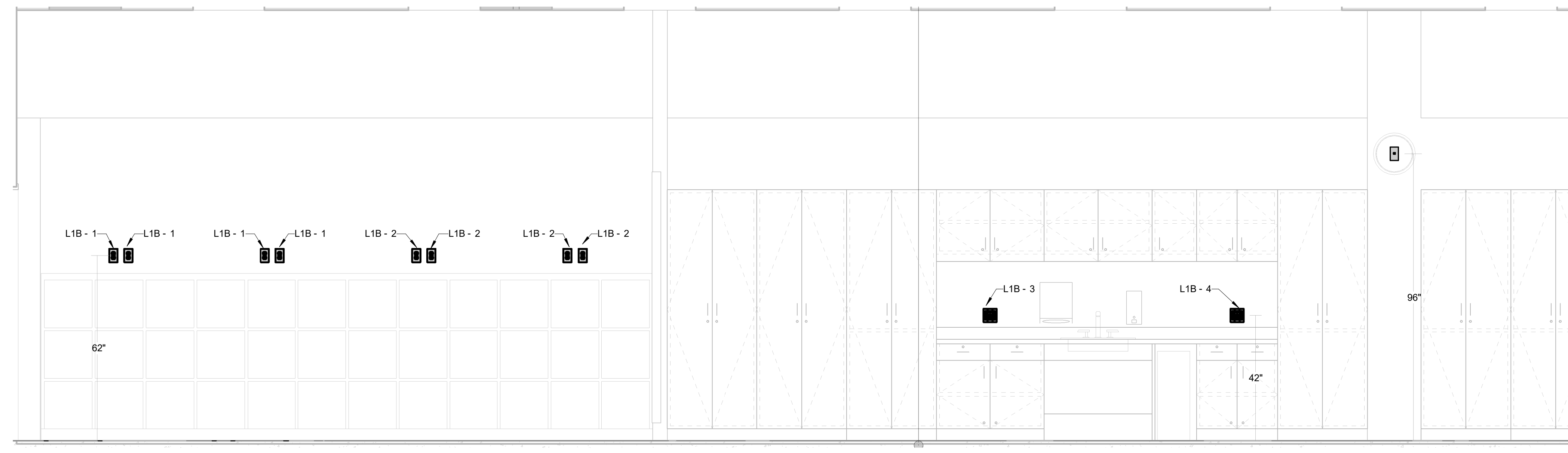
**4 LECTURE HALL EAST ELEVATION**  
1/2" = 1'-0"



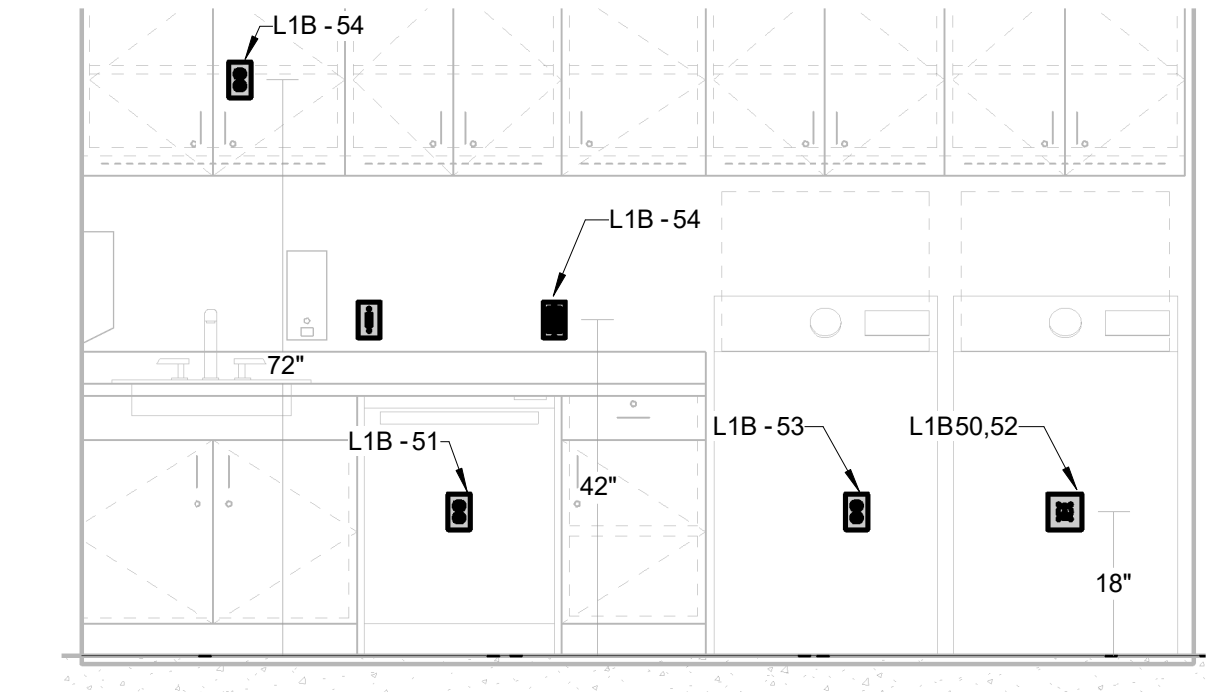
**3 OMM LAB EAST WALL**  
1/2" = 1'-0"



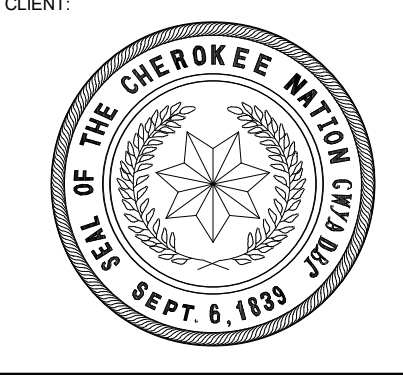
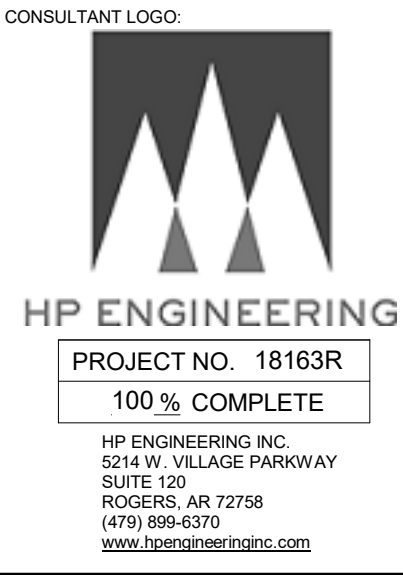
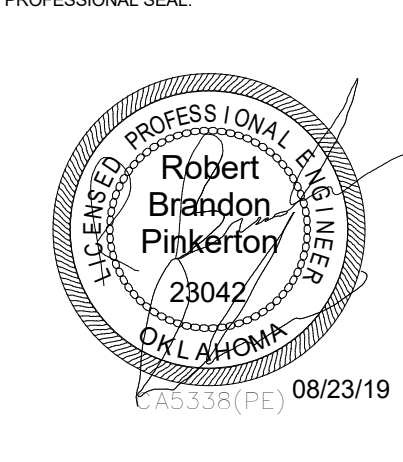
**2 VESTIBULE WEST ELEVATION**  
1/2" = 1'-0"



**1 OMM LAB SOUTH WALL**  
1/2" = 1'-0"



**5 SOILED EAST ELEV**  
1/2" = 1'-0"



KEY PLAN:

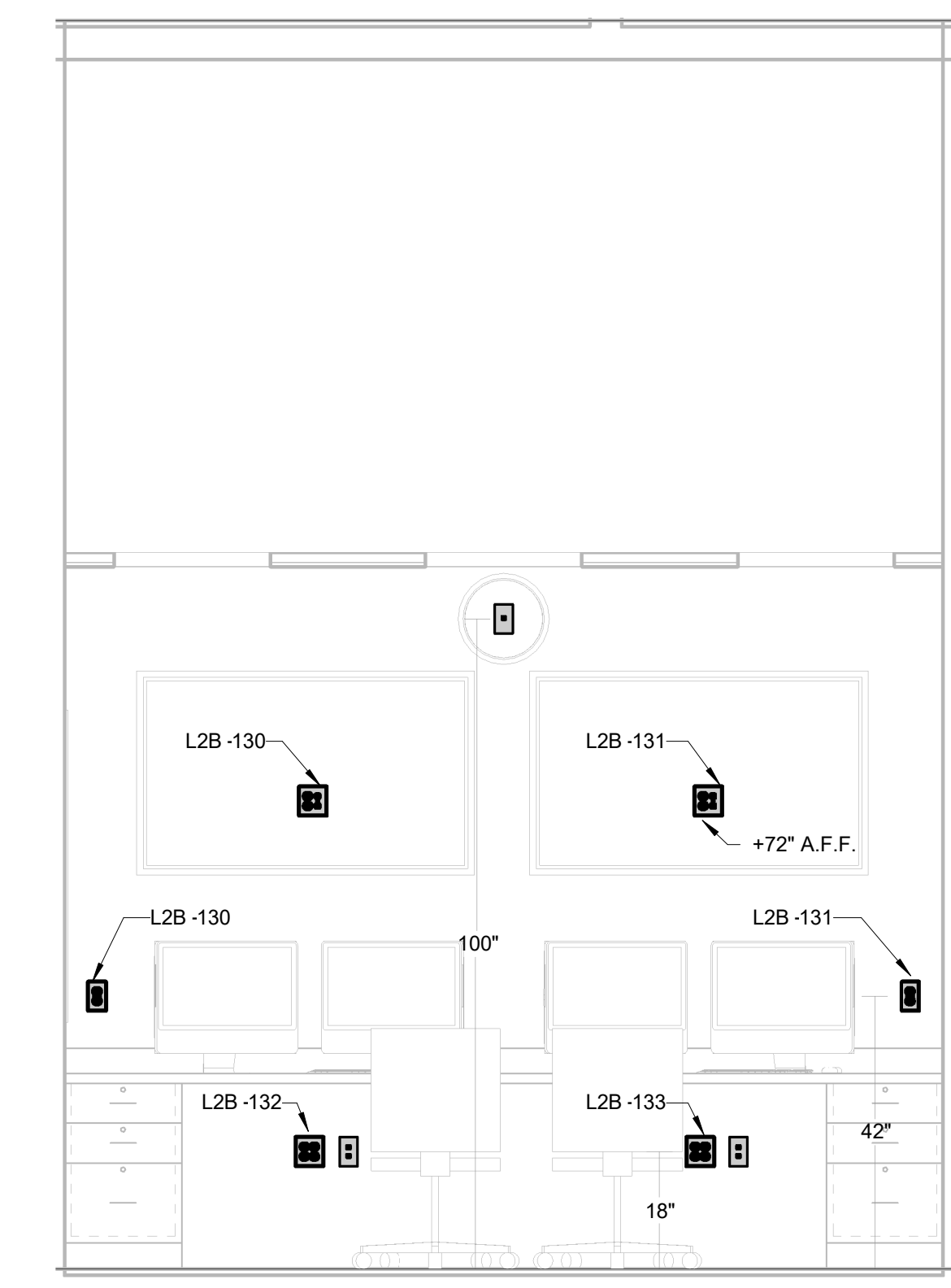
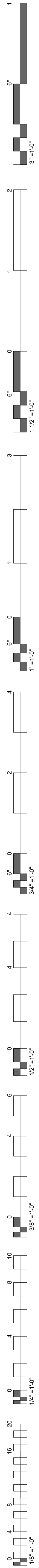
PROJECT PHASE:  
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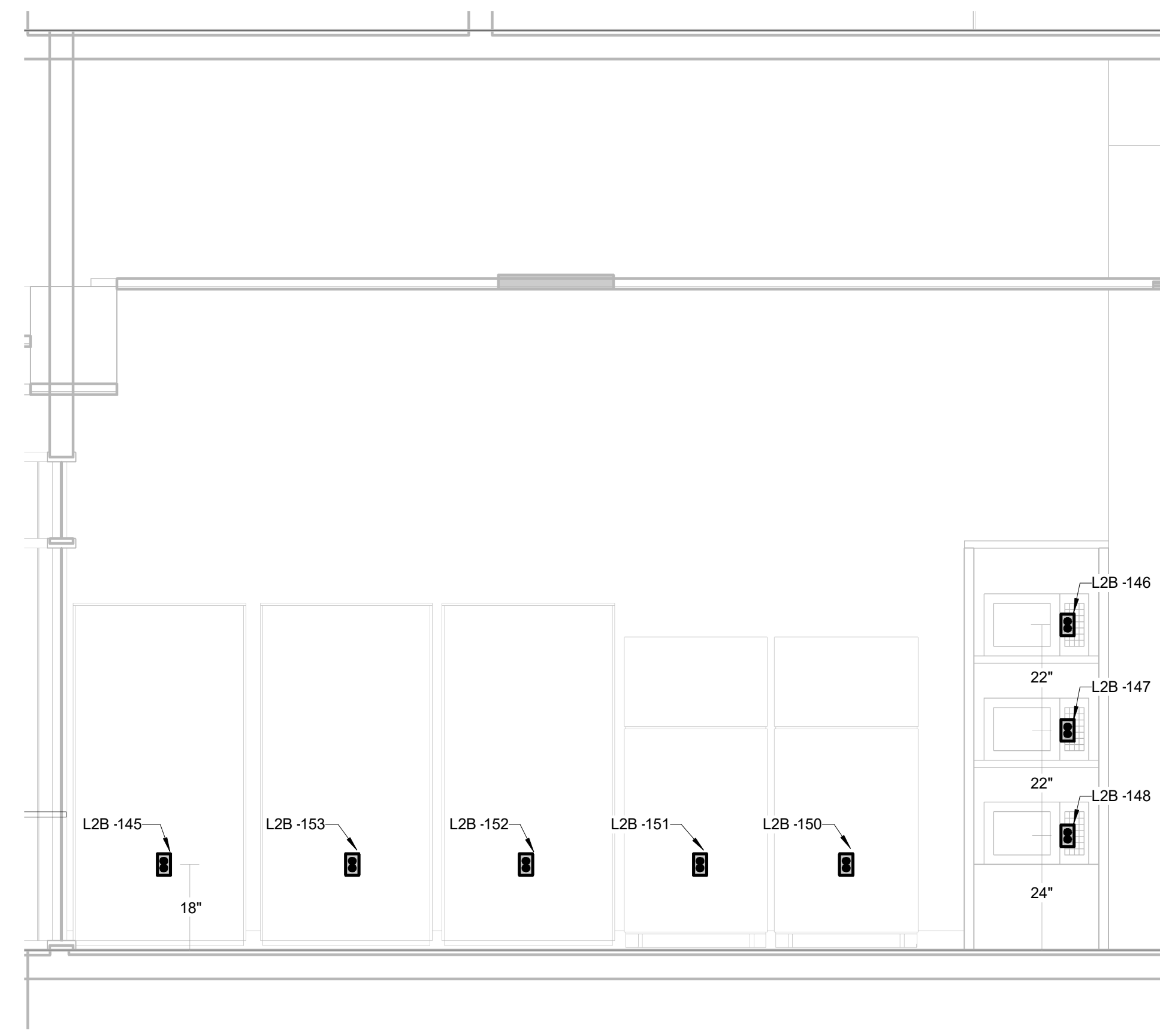
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
**E5.03**

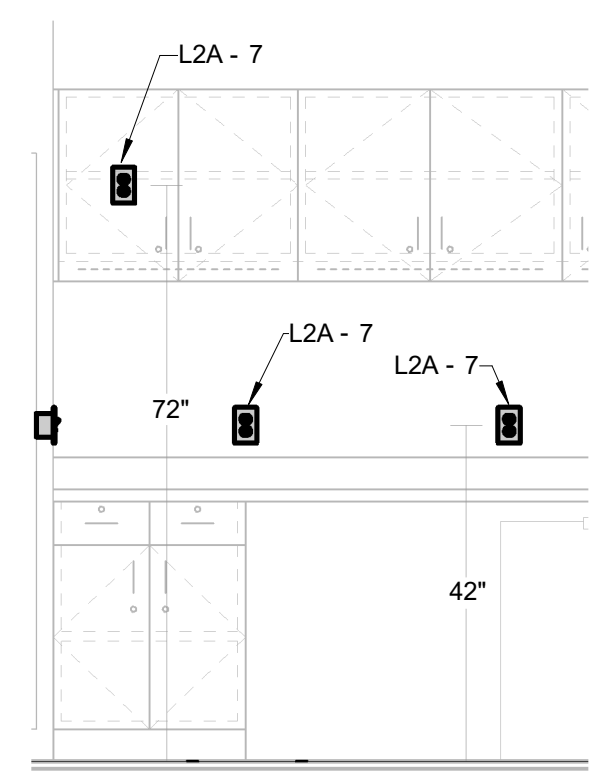
LEVEL 1 ELEVATIONS



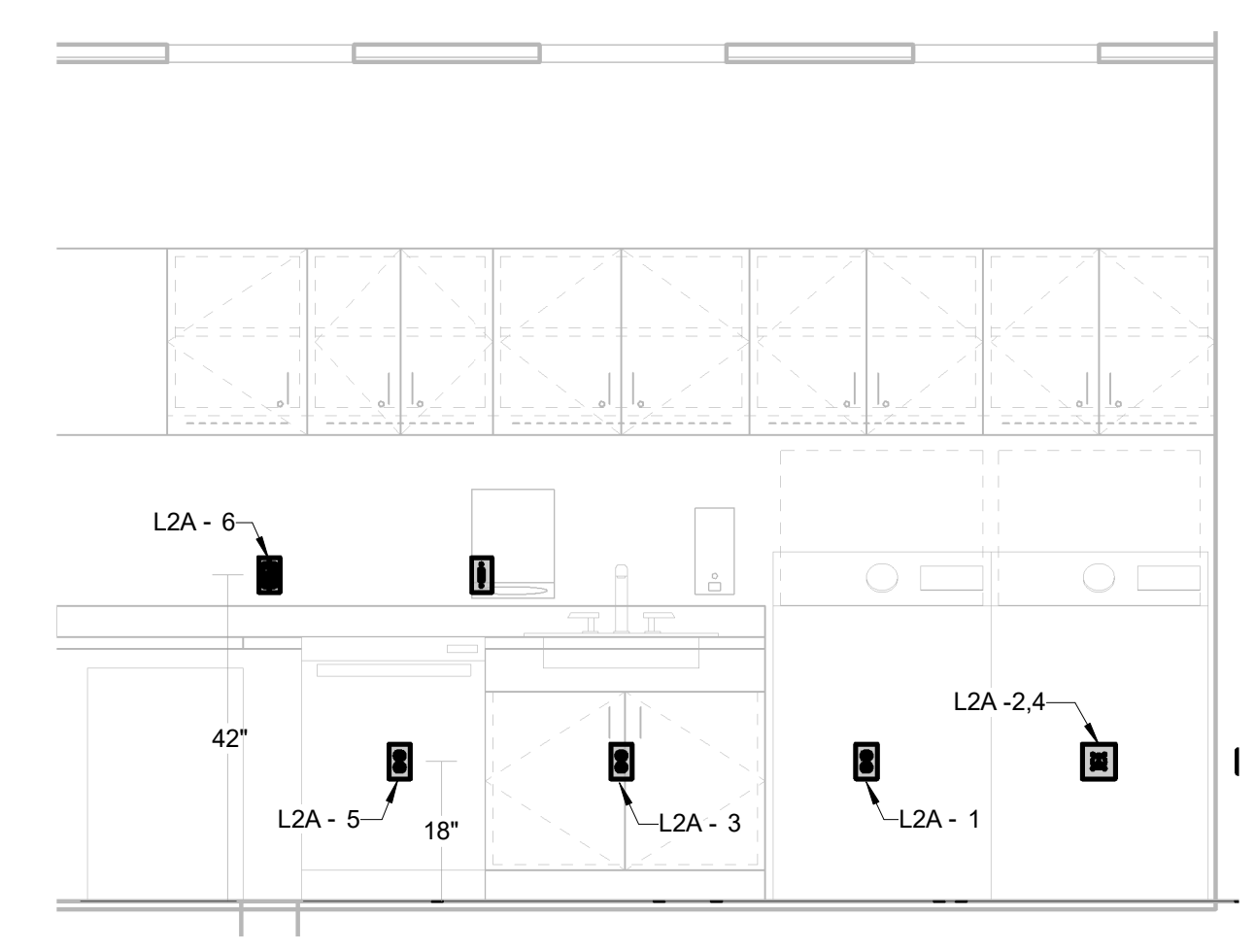
**4 CONTROL ROOM WEST ELEV**  
1/2" = 1'-0"



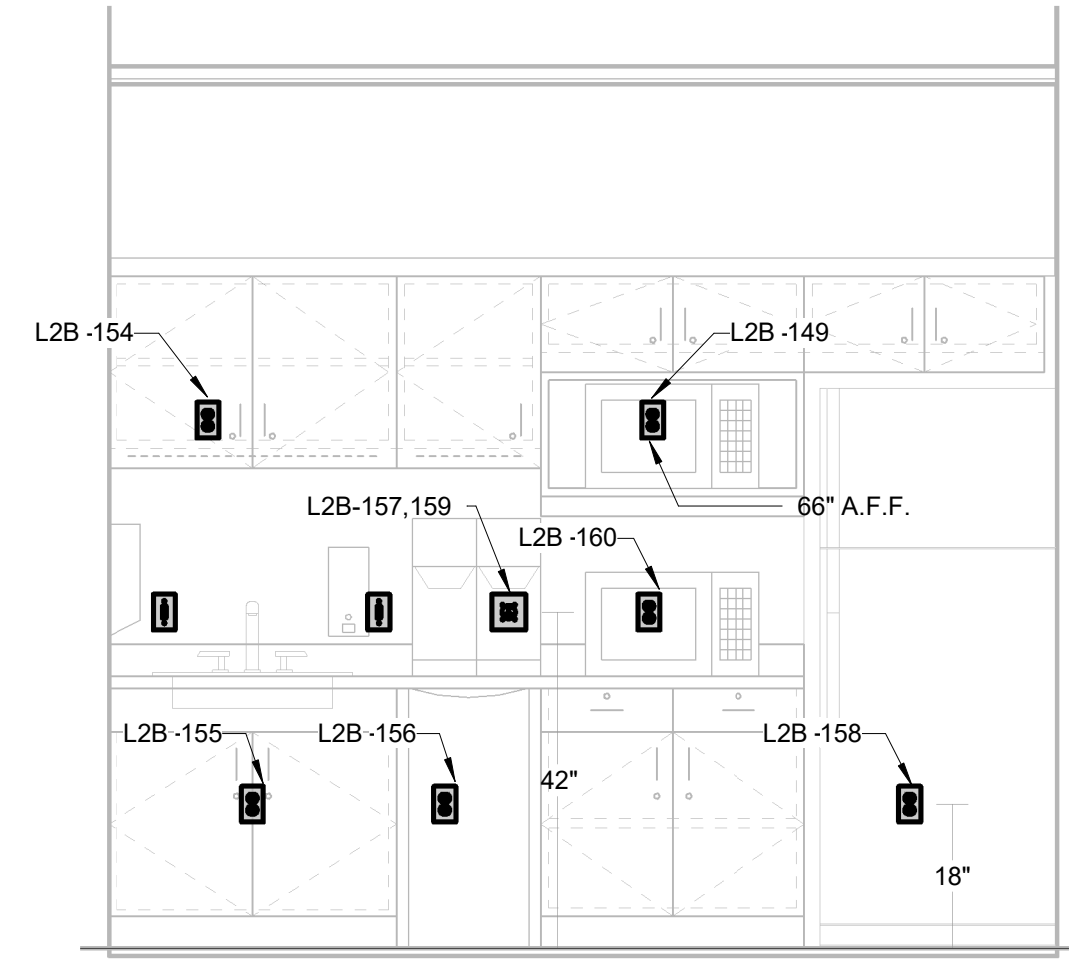
**3 STUDENT LOUNGE NORTH ELEV**  
1/2" = 1'-0"



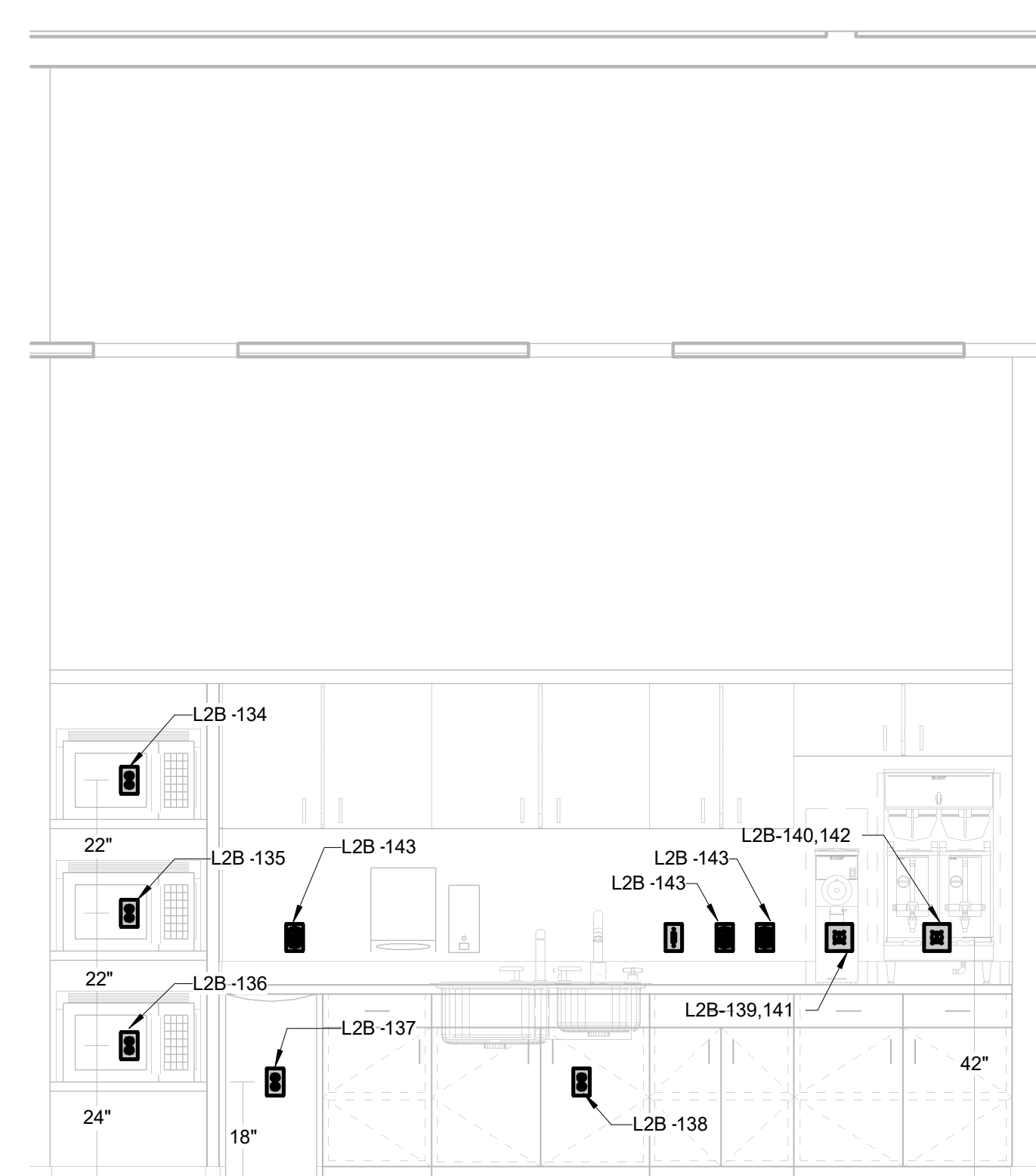
**7 CE STORAGE NORTH ELEV**  
1/2" = 1'-0"



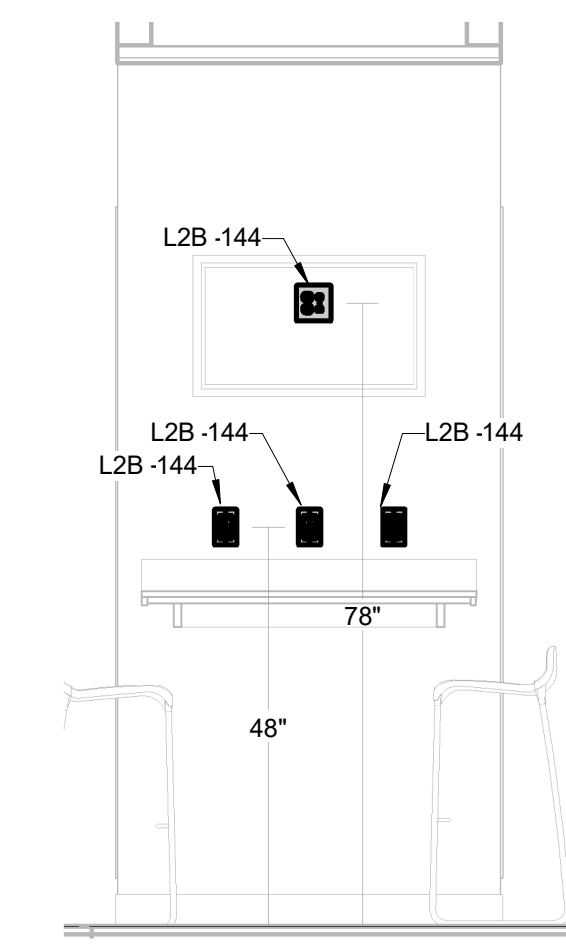
**6 CE STORAGE EAST ELEV**  
1/2" = 1'-0"



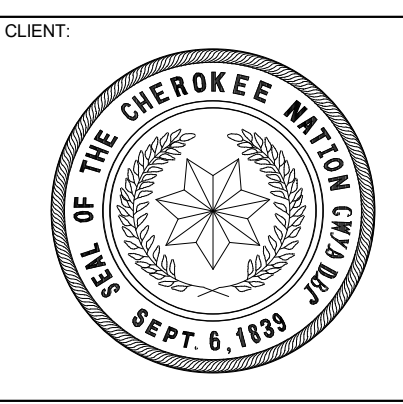
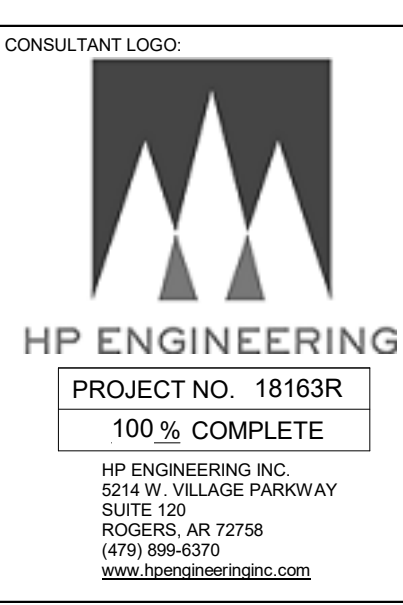
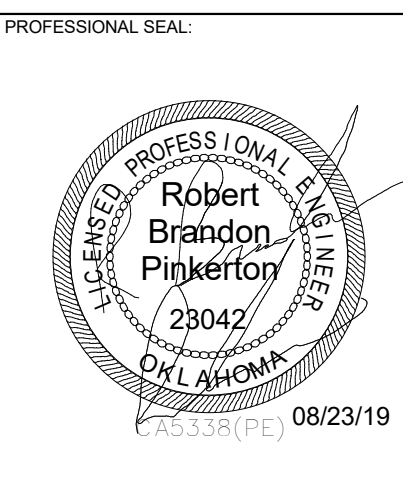
**5 SP WAITING & LOUNGE NORTH ELEV**  
1/2" = 1'-0"



**2 STUDENT LOUNGE SOUTH ELEV**  
1/2" = 1'-0"



**1 STUDENT LOUNGE WEST ELEV**  
1/2" = 1'-0"



KEY PLAN:

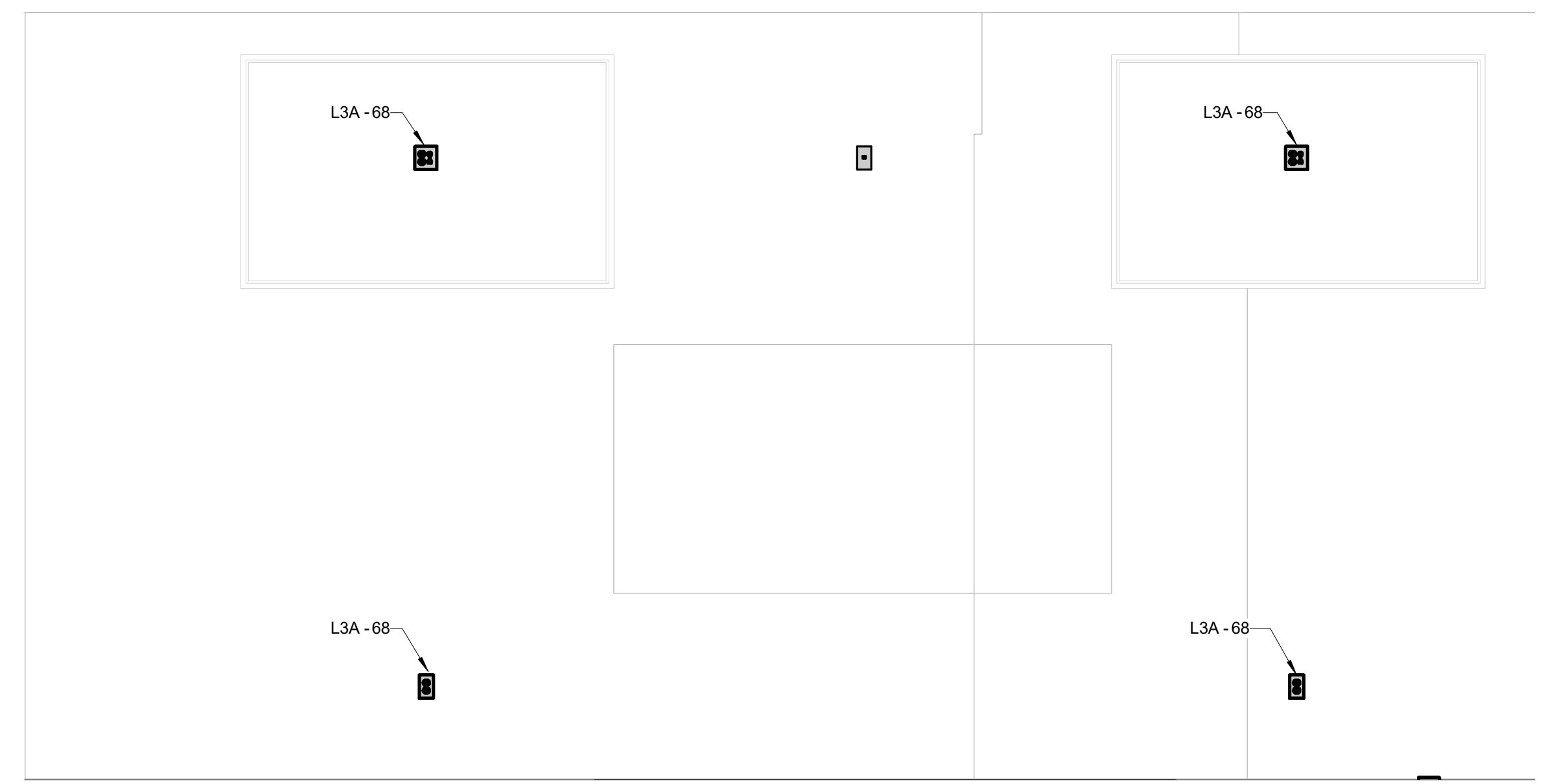
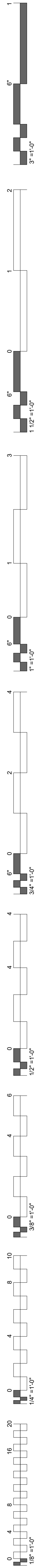
PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

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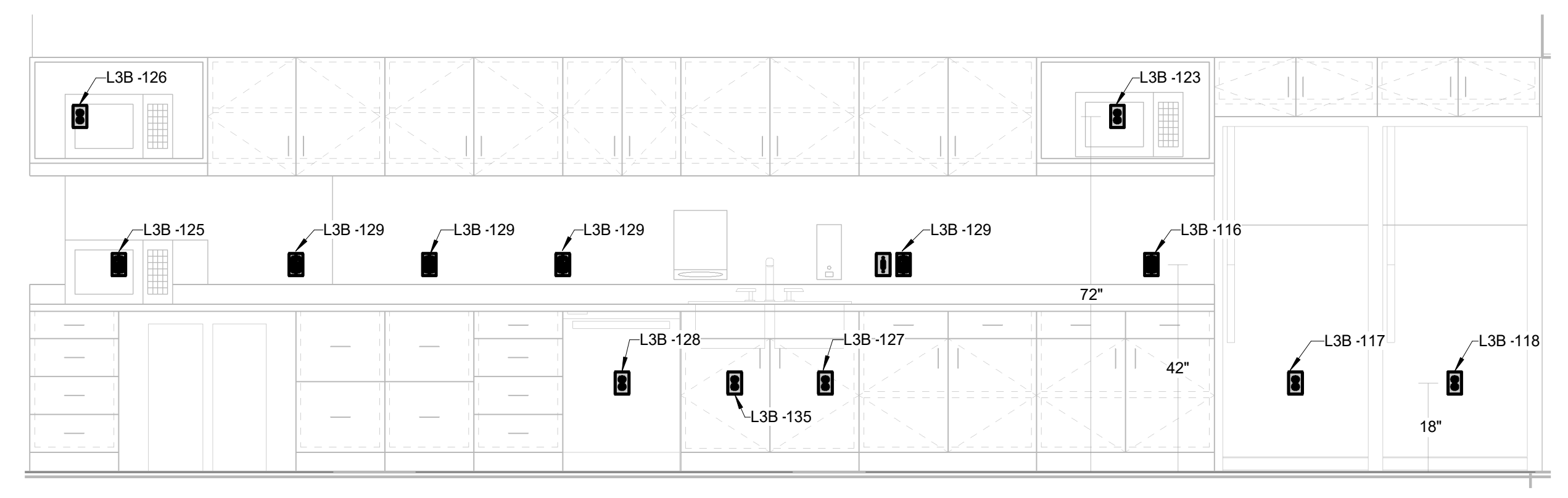
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
**E5.04**

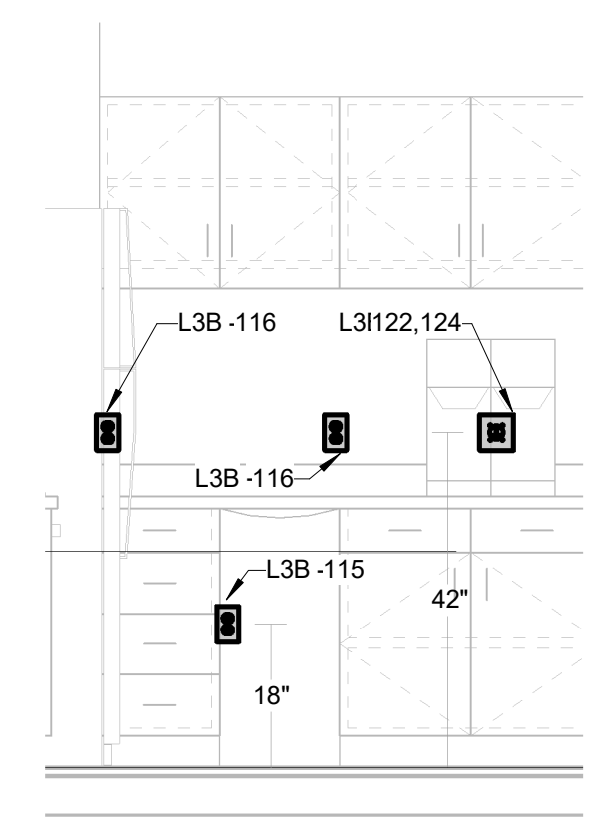
LEVEL 2 ELEVATIONS



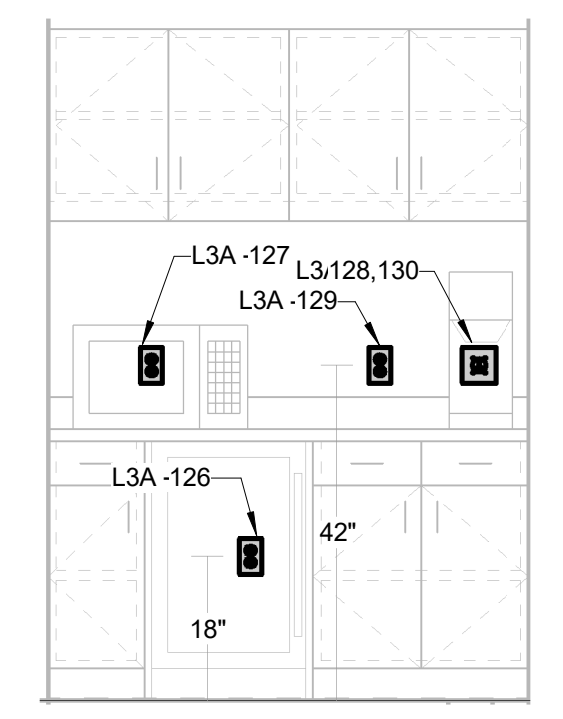
**7 LH 2 EAST ELEV**  
1/2" = 1'-0"



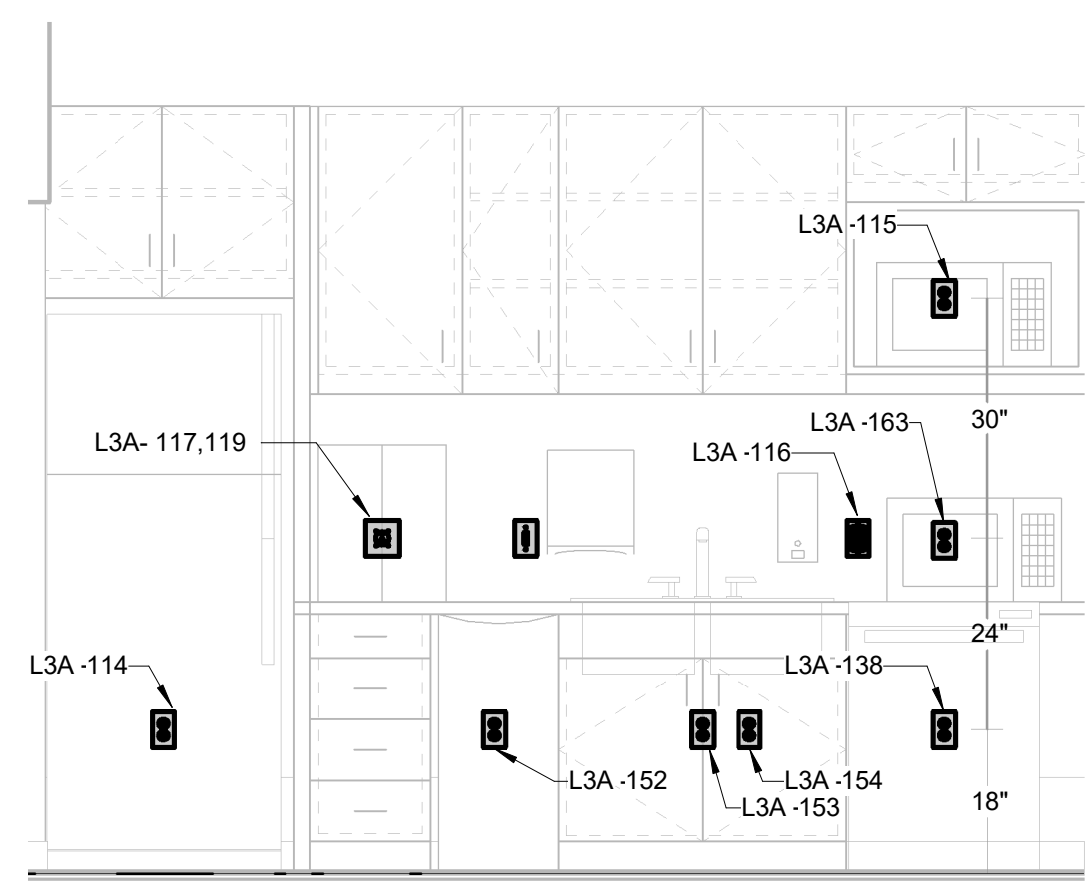
**6 FACULTY BREAKROOM WEST ELEV**  
1/2" = 1'-0"



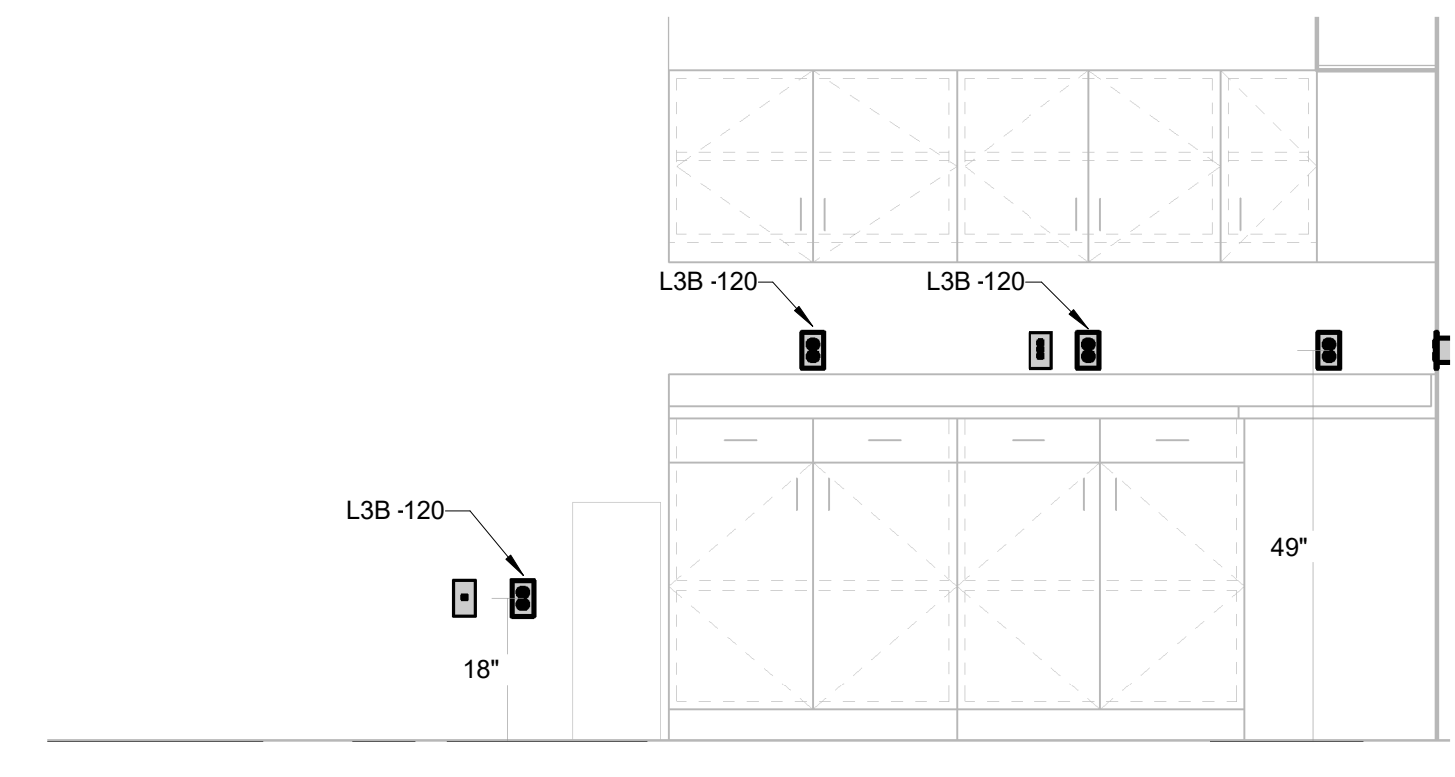
**5 FACULTY BREAKROOM NORTH ELEV**  
1/2" = 1'-0"



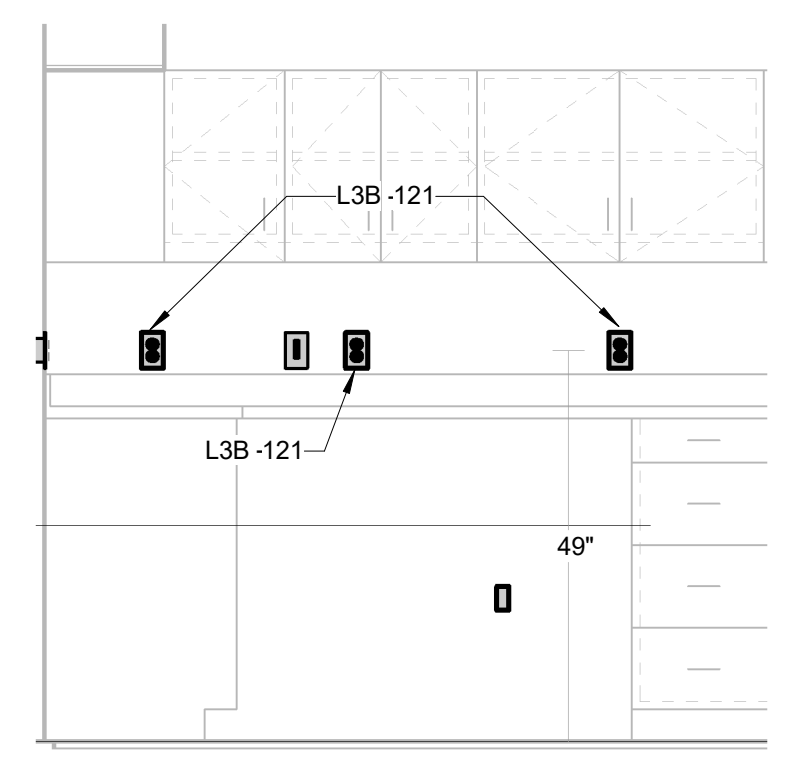
**4 SS CIRC SOUTH ELEV**  
1/2" = 1'-0"



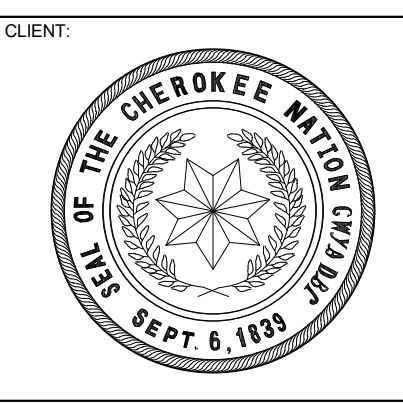
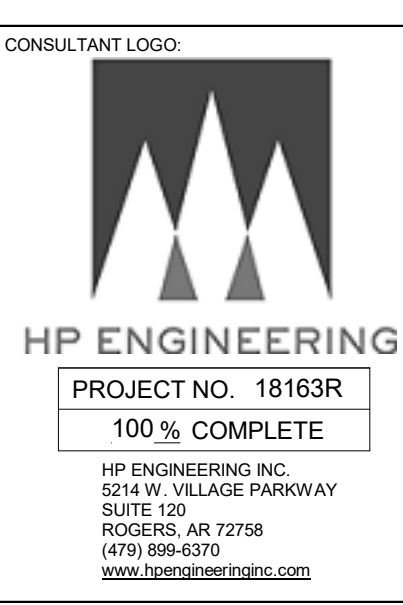
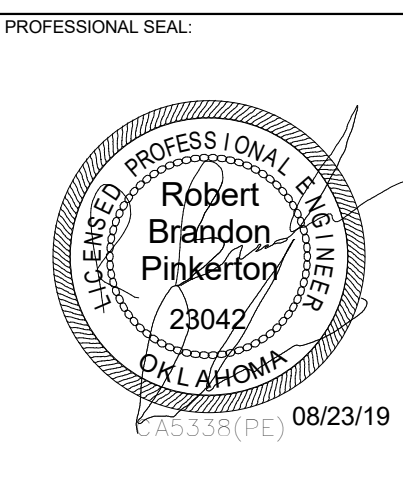
**3 EXECUTIVE KITCHENETTE EAST ELEV**  
1/2" = 1'-0"



**2 FACULTY WORKROOM WEST ELEV**  
1/2" = 1'-0"



**1 FACULTY WORKROOM NORTH ELEV**  
1/2" = 1'-0"



COLLEGE OF  
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AT THE CHEROKEE NATION  
TAHLEQUAH, OKLAHOMA

KEY PLAN:

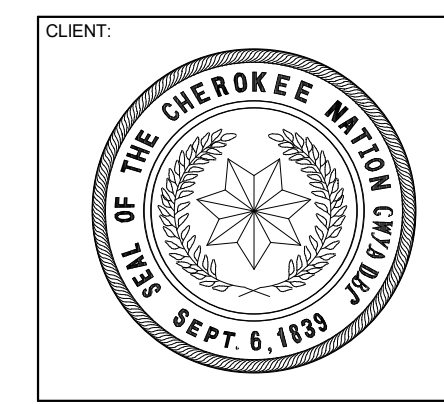
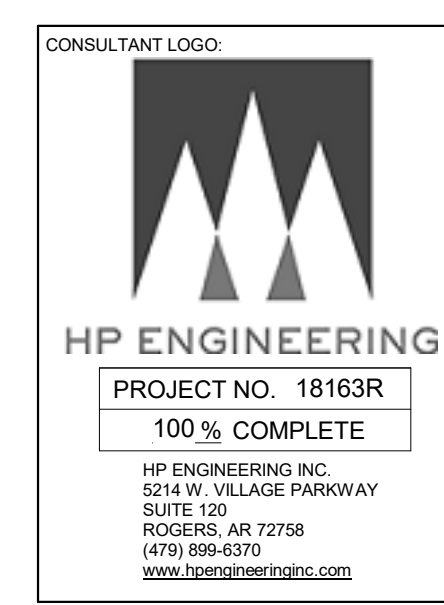
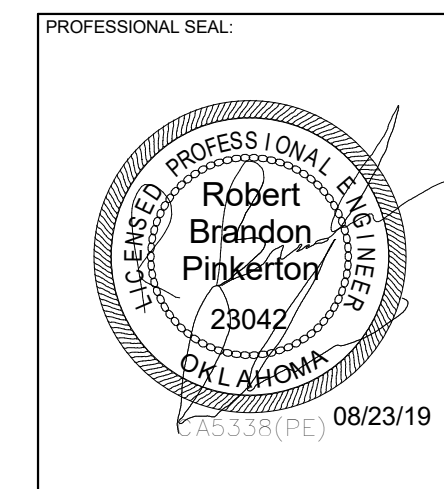
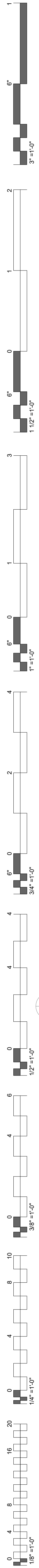
PROJECT PHASE:  
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LEVEL 3 ELEVATIONS



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KEY PLAN:

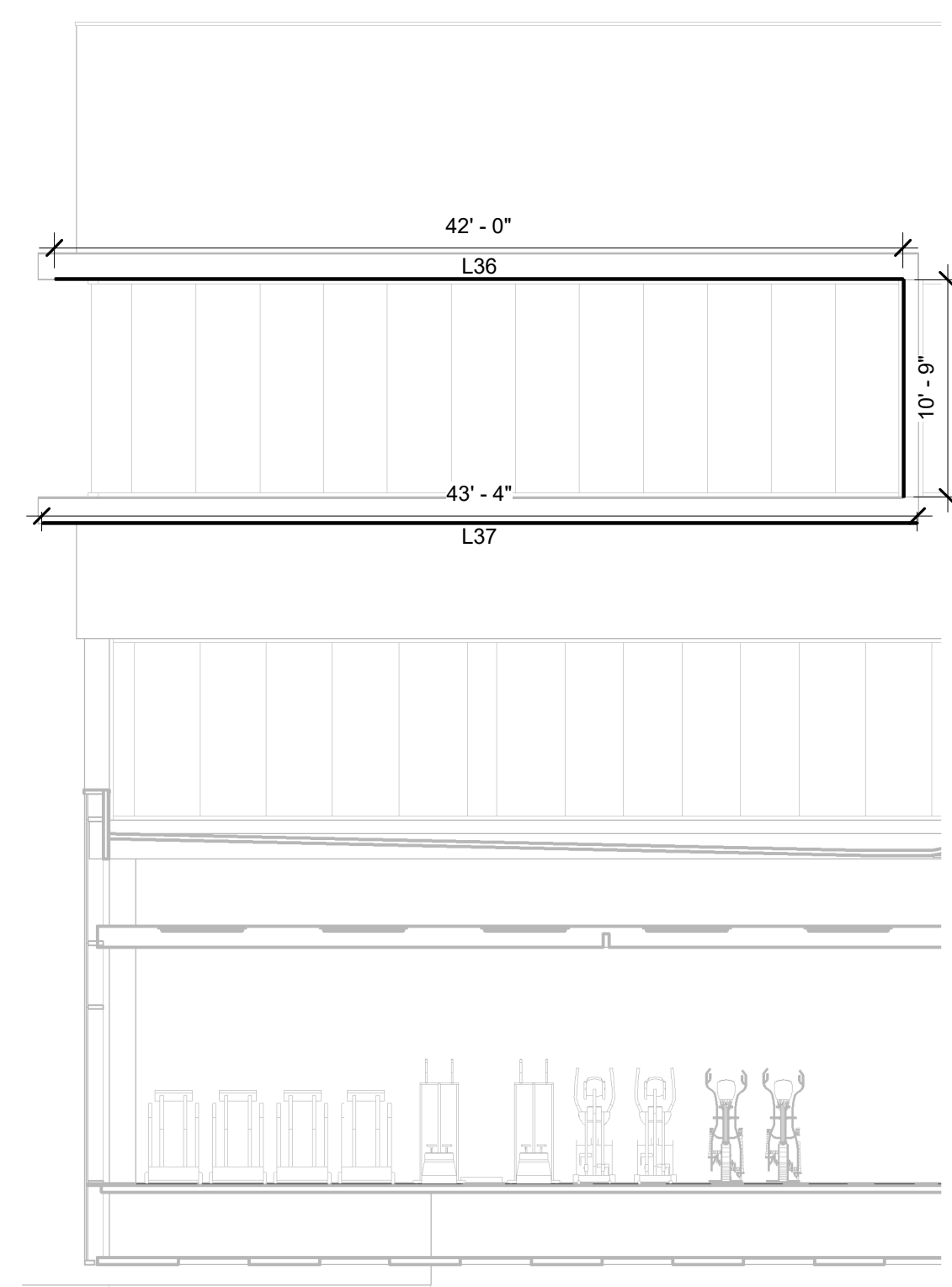
PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

#	DATE	REVISIONS DESCRIPTION

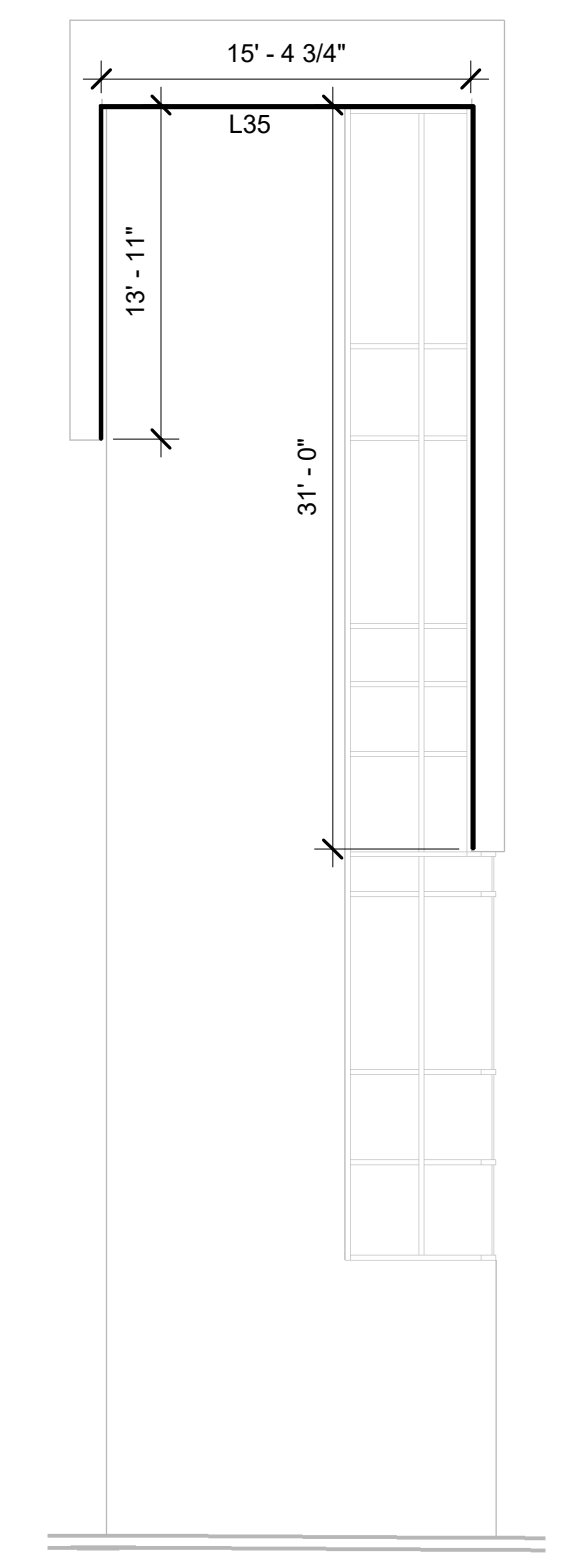
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E5.06**

EXTERIOR LIGHTING EAST ELEVATIONS



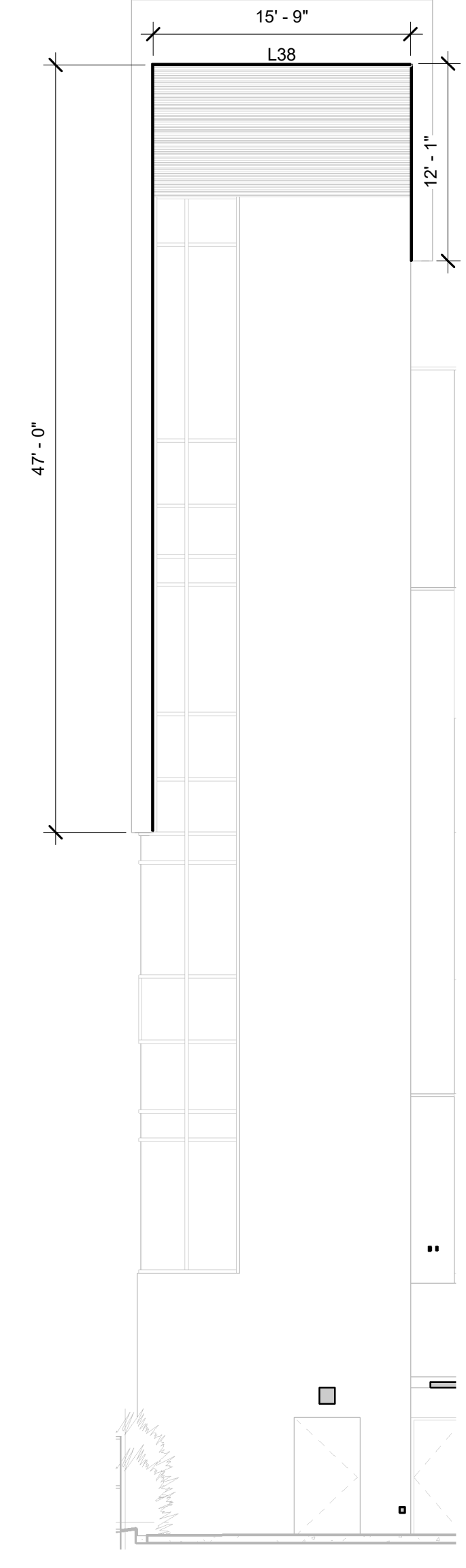
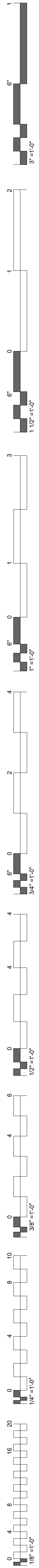
**3 EAST FURR OUT ELEVATION**  
1/8" = 1'-0"



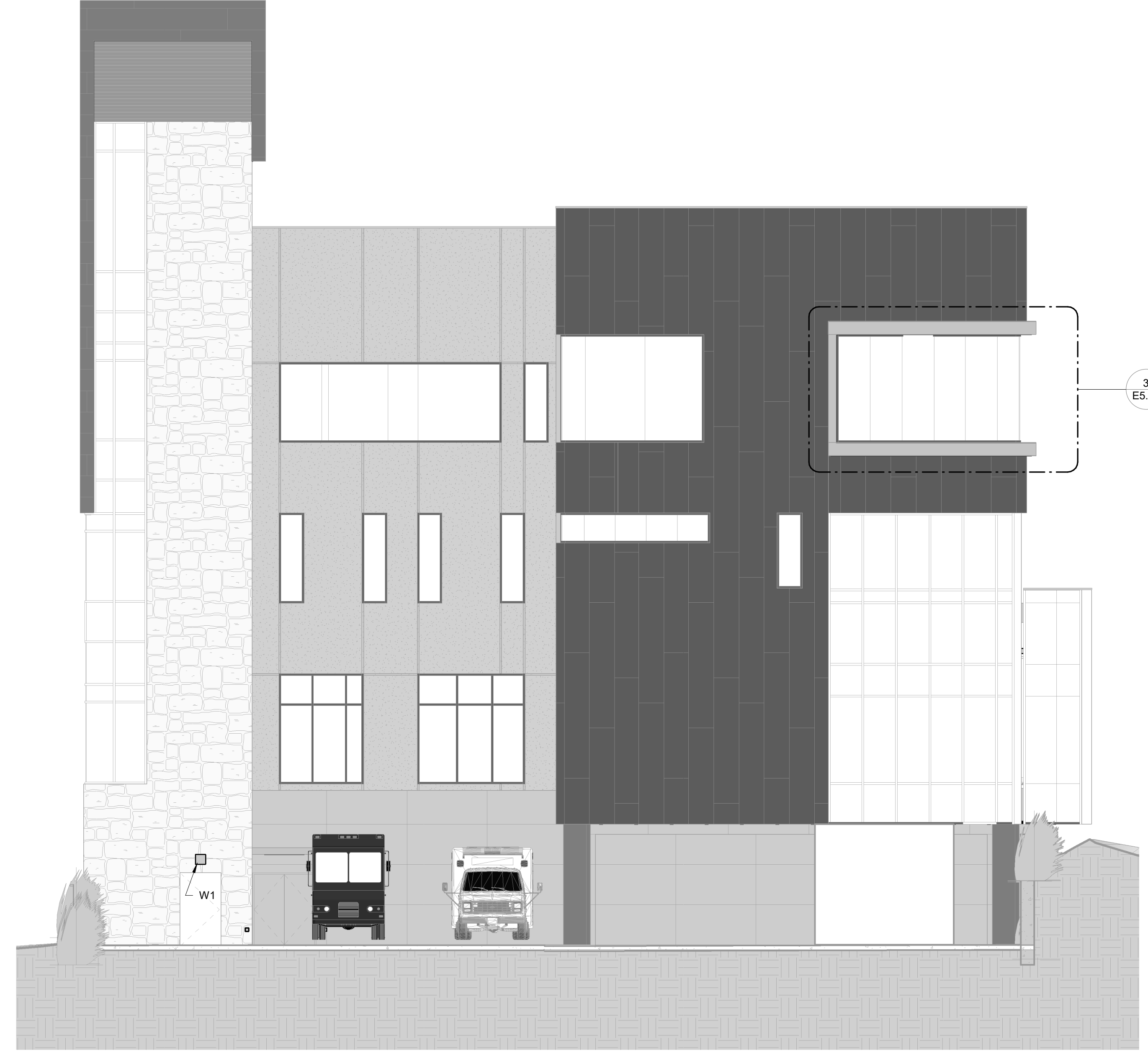
**2 NORTH STAIR EXTERIOR ELEVATION**  
1/8" = 1'-0"



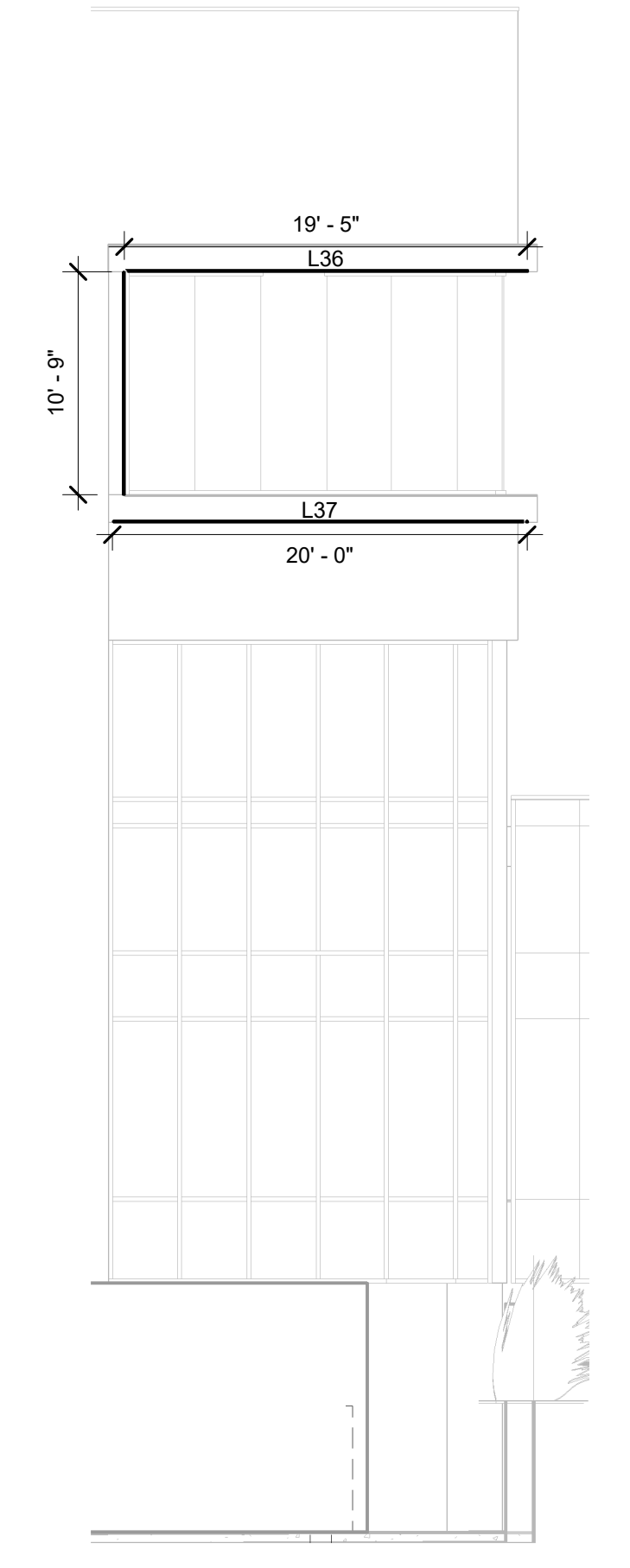
**1 EAST ELEVATION**  
1/8" = 1'-0"



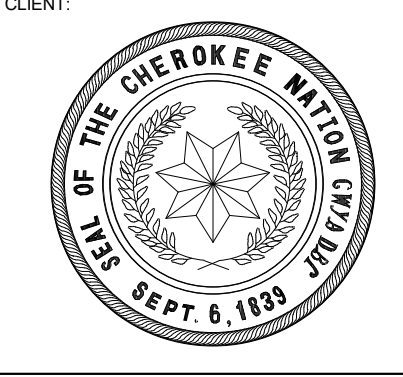
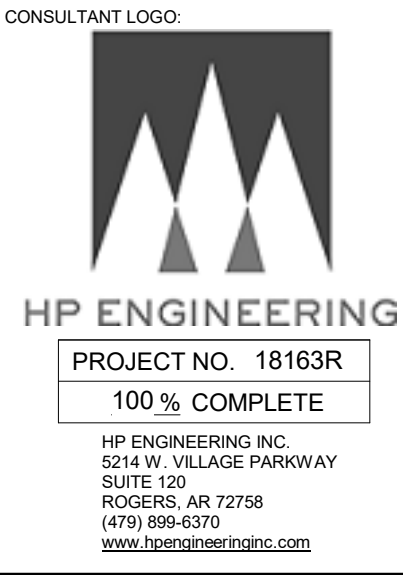
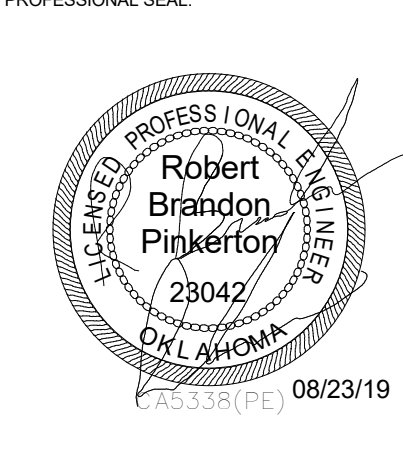
**2 SOUTH STAIR EXTERIOR ELEVATION**  
1/8" = 1'-0"



**1 SOUTH ELEVATION**  
1/8" = 1'-0"



**3 SOUTH FURR OUT ELEVATION**  
1/8" = 1'-0"



COLLEGE OF  
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AT THE CHEROKEE NATION  
TAHLEQUAH, OKLAHOMA

KEY PLAN:

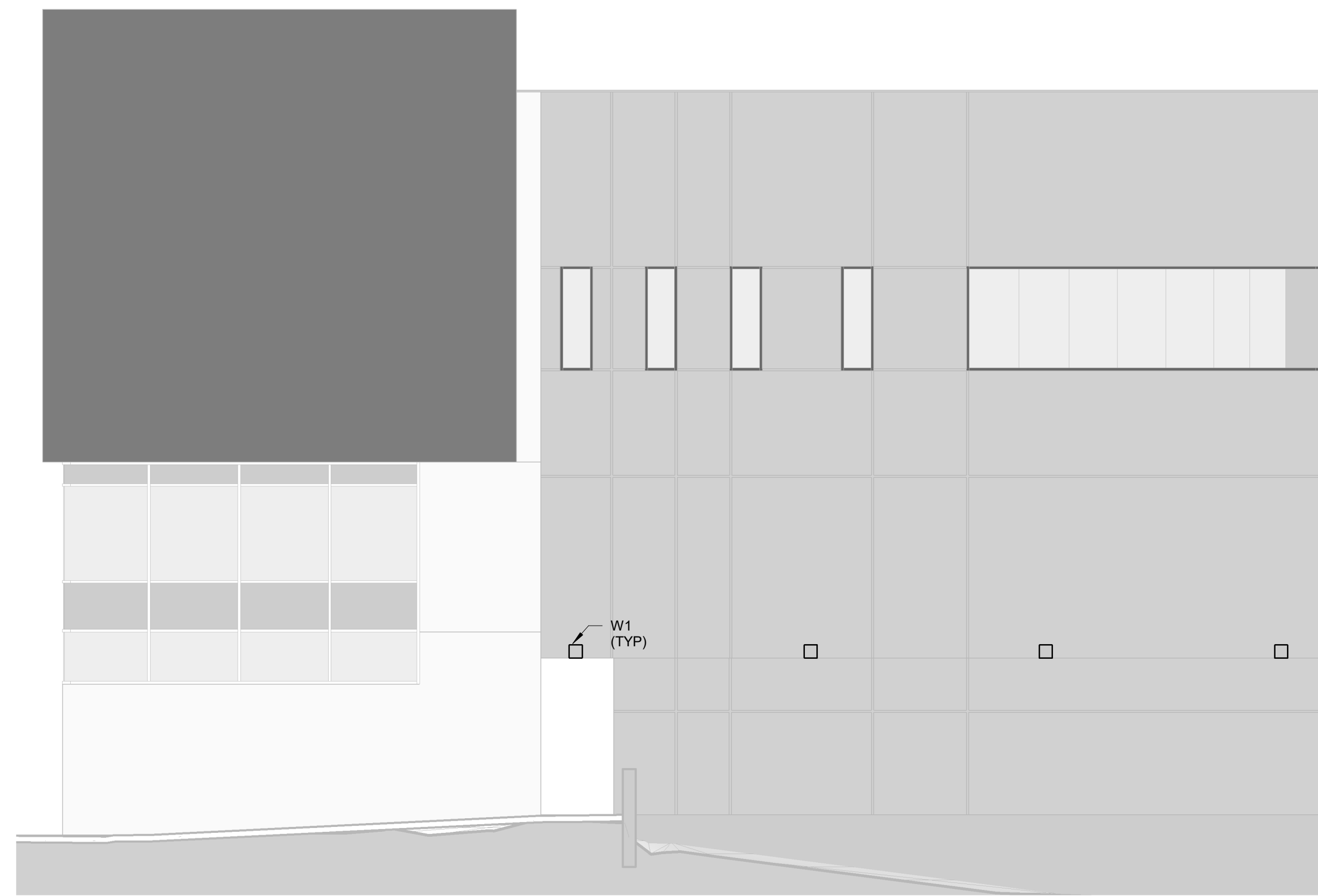
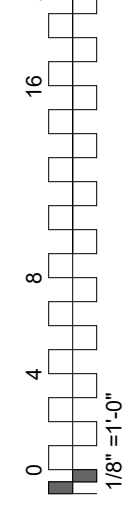
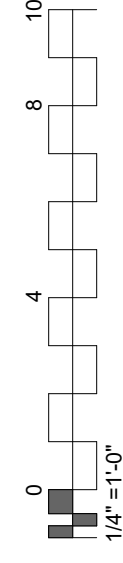
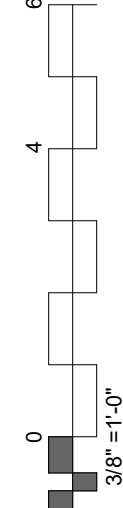
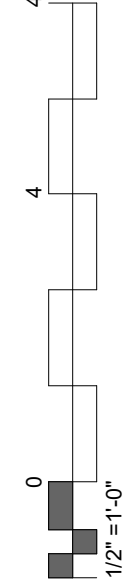
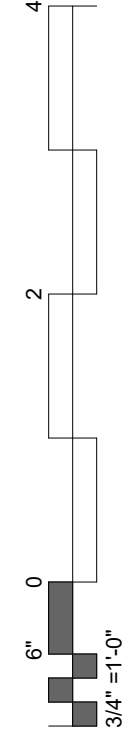
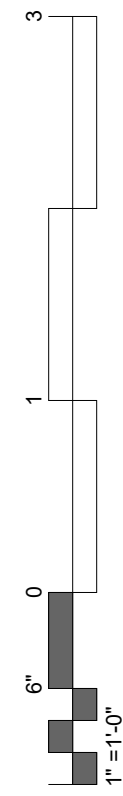
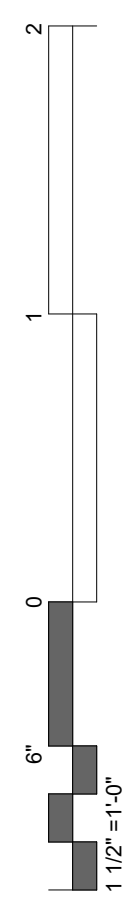
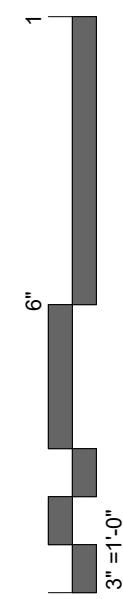
PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

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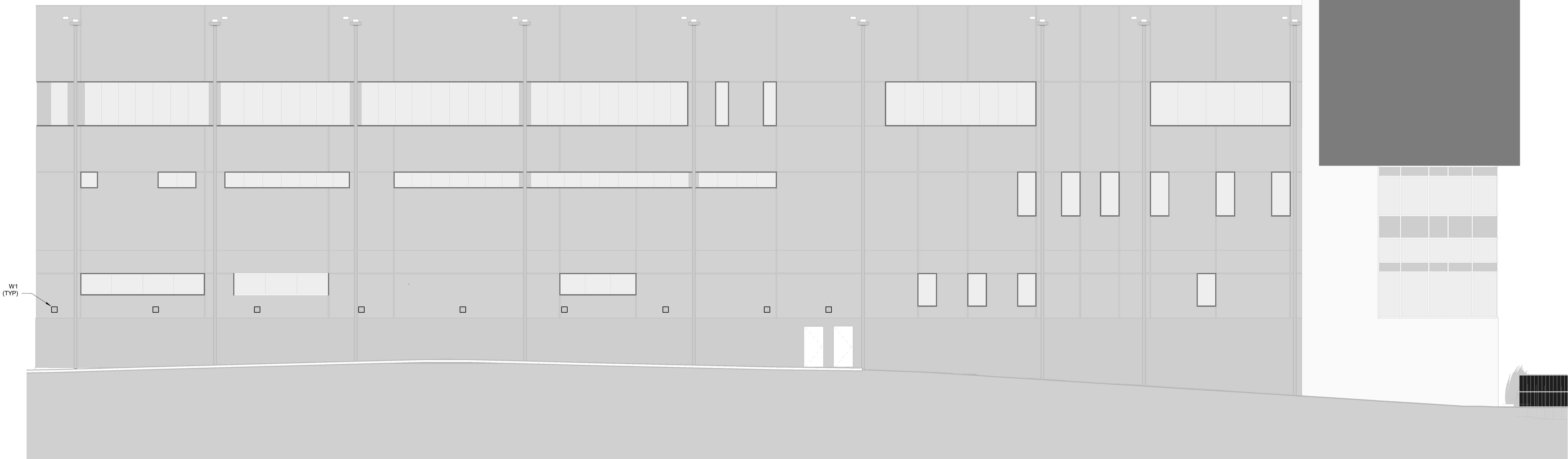
DATE: 08-23-19      JOB NUMBER: 17-13

SHEET NUMBER:  
**E5.07**

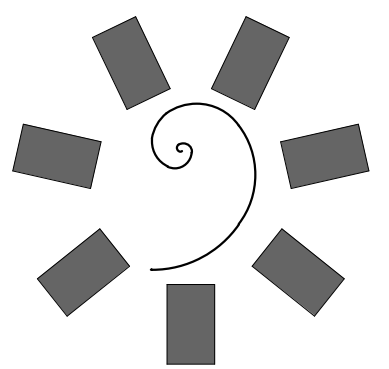
EXTERIOR LIGHTING SOUTH ELEVATIONS



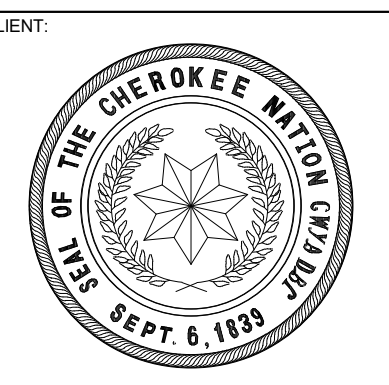
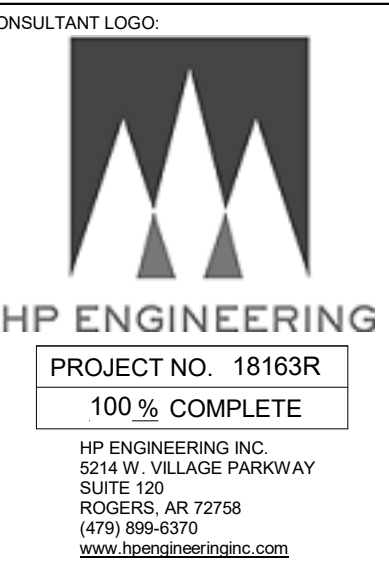
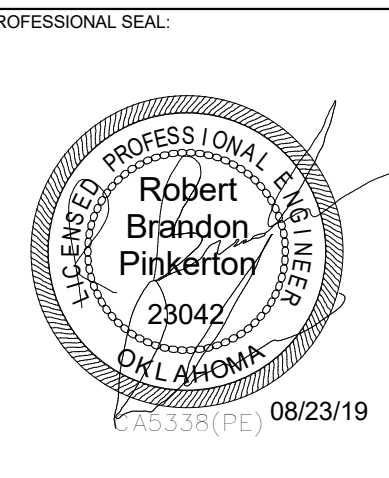
**2 NORTH EXTERIOR ELEVATION**  
1/8" = 1'-0"



**1 WEST EXTERIOR ELEVATION**  
1/8" = 1'-0"



**James R. Childers  
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COLLEGE OF  
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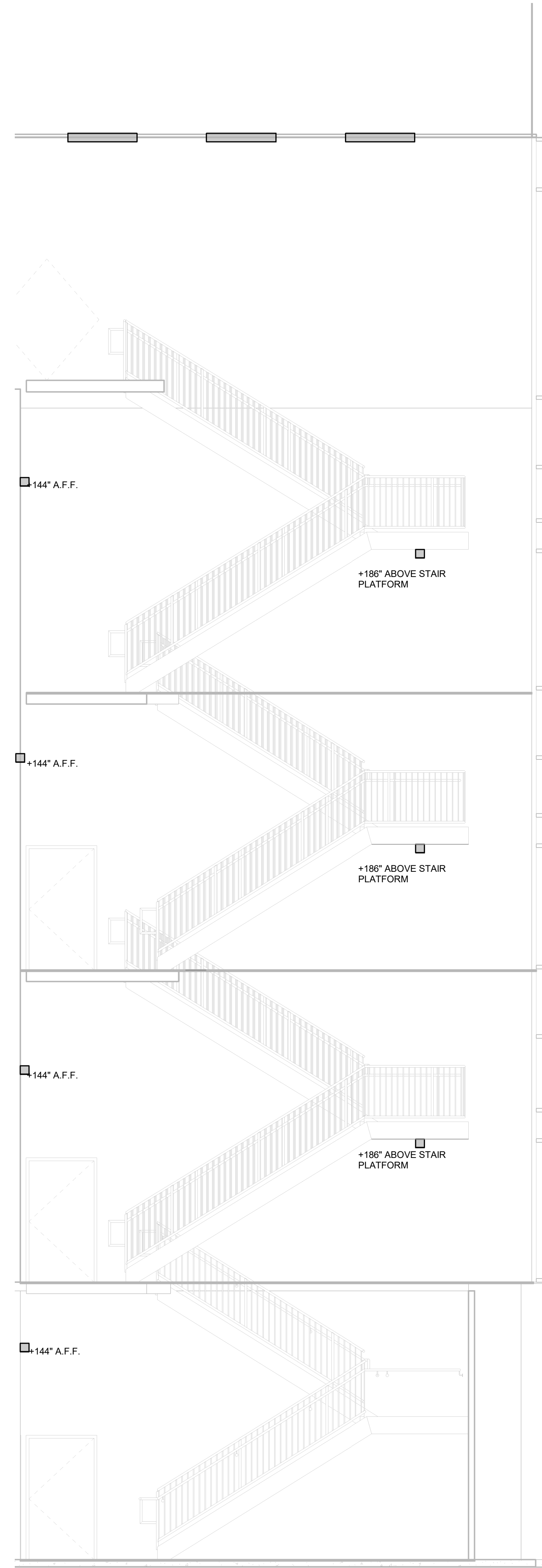
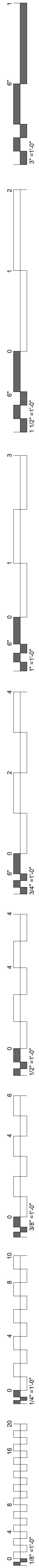
PROJECT PHASE:  
CONSTRUCTION DOCUMENTS

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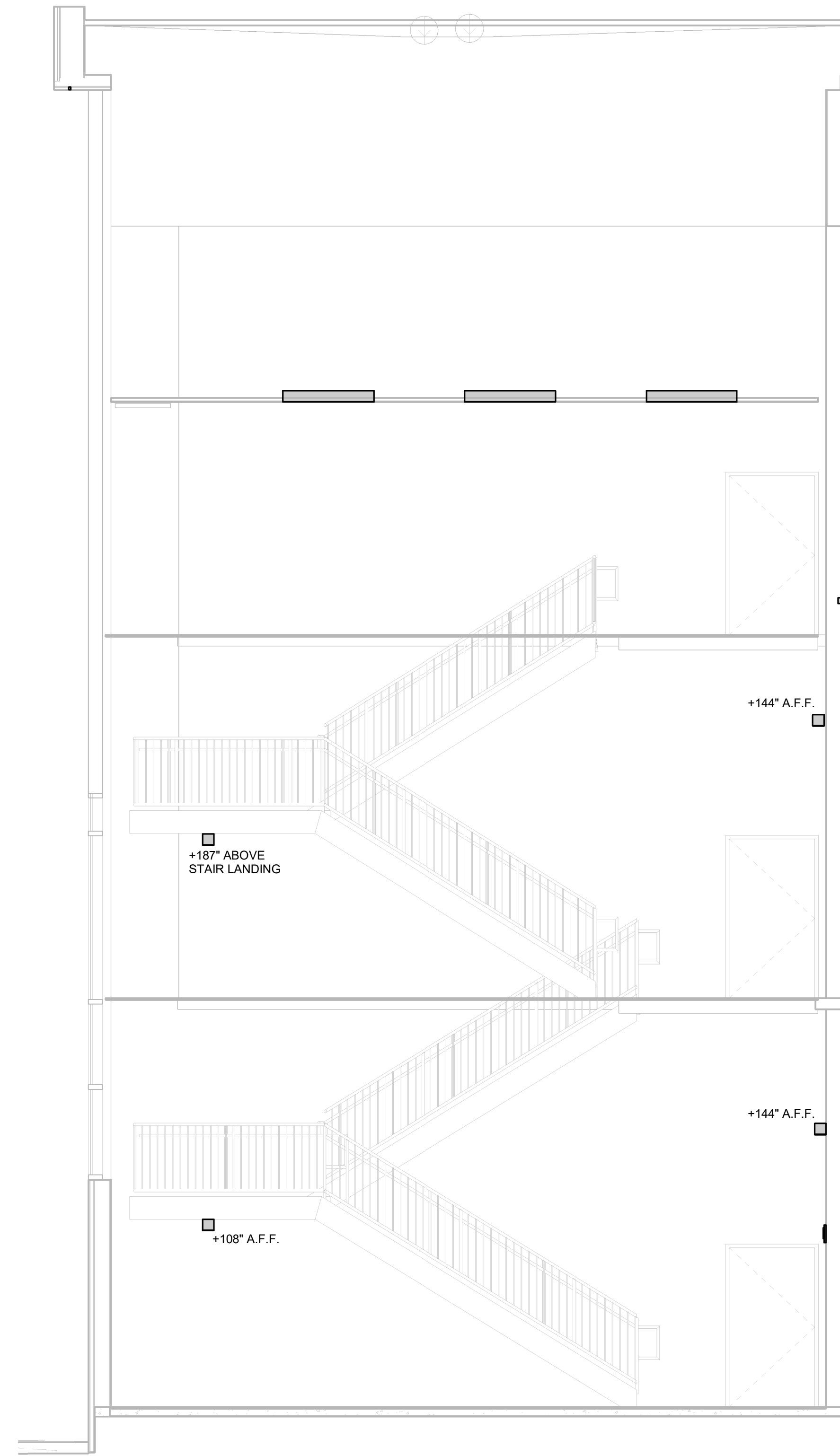
DATE: 08-23-19 JOB NUMBER: 17-13

SHEET NUMBER:  
**E5.08**

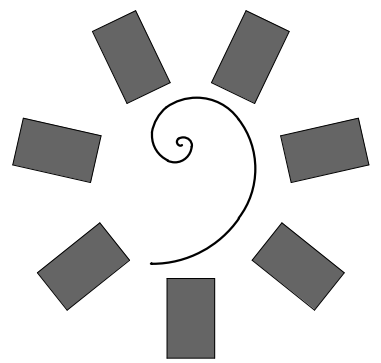
EXTERIOR LIGHTING NORTH AND WEST ELEVATIONS



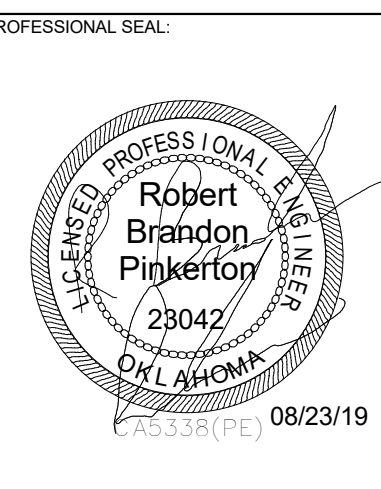
**2 SOUTH STAIR INTERIOR ELEVATION**  
1/4" = 1'-0"



**1 NORTH STAIR INTERIOR ELEVATION**  
1/4" = 1'-0"

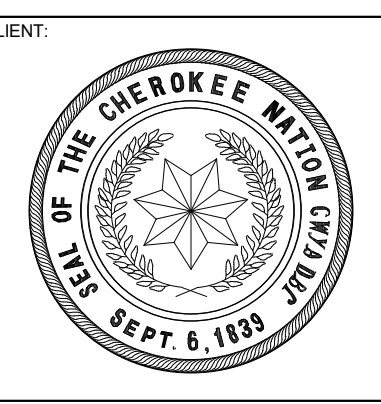


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COLLEGE OF  
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AT THE CHEROKEE NATION  
TAHLEQUAH, OKLAHOMA

KEY PLAN:

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SHEET NUMBER:  
**E5.09**

INTERIOR STAIRWELL ELEVATIONS