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ELECTRICAL SYMBOLS LIST

Table with 2 columns: Symbol and Description. Symbols include outlets (3, 2, GFI, WP, IG, R), switches (disconnect, combination, toggle), starters (manual motor, electric motor), panels (panelboard), conduits (homerun, metallic), and various lighting fixtures (LED, incandescent, fluorescent, exit, strobe).

ELECTRICAL GENERAL NOTES

- 1. THE SPACE ALLOCATION SHOWN ON THE PLAN DRAWINGS ARE BASED ON ONLY ONE MANUFACTURER. THE CONTRACTOR SHALL VERIFY THAT THE PROPOSED SWITCHGEAR (INCLUDING SWITCHBOARDS, PANELBOARDS AND TRANSFORMERS) WILL SATISFY THE SPACE REQUIREMENTS SHOWN ON THE DRAWINGS.
- 2. WHERE CEILING SPACE IS A RETURN AIR PLENUM, ALL WIRING IN CEILING SPACE MUST BE IN CONDUIT OR USE TEFLON JACKETED CABLE TO MEET RETURN AIR PLENUM REQUIREMENTS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR SURVEYING THE SITE TO DETERMINE ALL EXISTING CONDITIONS RELATED TO THE NEW CONSTRUCTION.
- 4. SURFACE MOUNTED PANELS, DEVICES, AND RACEWAY WILL ONLY BE ALLOWED IN MECHANICAL AREAS.
- 5. COMBINATION OF HOMERUN CIRCUITS SHALL BE AS FOLLOWS: A. ALL CIRCUITS WITH SEPARATE HOMERUN ARROWS SHALL BE INSTALLED IN DEDICATED CONDUITS. DO NOT COMBINE WITH OTHER BRANCH CIRCUITS.
- 6. ELECTRICAL CONTRACTOR TO COORDINATE THE MOUNTING HEIGHTS OF ALL COMMUNICATION OUTLETS AND RECEPTACLES WITH ARCHITECTURAL DETAILS.
- 7. IN AREAS WHERE COMMUNICATION OUTLETS ARE INSTALLED IN WALLS THAT DO NOT GO UP TO THE CEILING OR IN WALLS OF ROOM WITH A GYPBOARD CEILING, CONTRACTOR SHALL INSTALL 3/4" CONDUIT FROM OUTLET TO ACCESSIBLE CEILING.
- 8. ALL 120V BRANCH CIRCUITS GREATER THAN 100' SHALL BE #10 THHN, MINIMUM.
- 9. CONTRACTOR SHALL INSTALL A PULL STRING IN ALL EMPTY CONDUITS.
- 10. CONTRACTOR SHALL MAINTAIN MINIMUM SEPARATION OF 24" BETWEEN TELEPHONE CONDUIT AND PRIMARY CONDUIT.
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING STARTER TYPE, OVERLOAD SIZE, AND DISCONNECT SIZE FOR ALL MOTORS IN EACH AIR HANDLER UNIT ROOM WITH MECHANICAL CONTRACTOR.
- 12. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL FLOOR DEVICES. LOCATIONS SHALL BE IN ACCORDANCE WITH ALL UNDERWRITERS LABORATORIES AND LOCAL AUTHORITY REQUIREMENTS. IN NO CASE SHALL FIRE RATED POKE-THROUGH DEVICES BE INSTALLED LESS THAN 24" ON CENTER AND/OR MORE THAN ONE (1) PENETRATION PER 65 SQUARE FEET OF FLOOR AREA OF BEAM SPACE.
- 13. CONTRACTOR TO LOCATE ALL LIGHTING FIXTURES PER ARCHITECTURAL REFLECTED CEILING PLANS.
- 14. ALL DEVICES IN ONE ROOM SHALL BE INSTALLED AT THE SAME HEIGHT. REFER TO SYMBOLS LIST FOR PREFERRED MOUNTING HEIGHTS OF DEVICES. MAXIMUM MOUNTING HEIGHT OF SWITCHES/OUTLETS SHALL BE 48". MAXIMUM MOUNTING HEIGHT OF RECEPTACLES/OUTLETS SHALL BE 18"; MINIMUM MOUNTING HEIGHT SHALL BE 14".

ELECTRICAL DEMOLITION NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING ELECTRICAL SERVICE TO ALL REMAINING AREAS OF THE FACILITY THROUGHOUT THE PROJECT EXCEPT DURING SCHEDULED SHUTDOWN TIMES. ANY SHUTDOWNS OF THE EXISTING FACILITY SHALL BE MUTUALLY AGREED UPON BY OWNER AND CONTRACTOR. CONTRACTOR SHALL GIVE OWNER MINIMUM OF TWO WEEKS NOTICE OF ANY SHUTDOWNS OF EXISTING FACILITY.
- 2. CONTRACTOR SHALL SURVEY THE SITE TO CONFIRM FIELD CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THESE CONDITIONS.
- 3. UNLESS OTHERWISE NOTED ALL EXISTING ELECTRICAL EQUIPMENT/DEVICES, FIRE ALARM EQUIPMENT/DEVICES, AND COMMUNICATIONS EQUIPMENT/DEVICES SHALL BE REMOVED. EQUIPMENT/DEVICES SHALL INCLUDED, BUT NOT BE LIMITED TO: SWITCH BOARDS, PANELBOARDS, FEEDERS, TRANSFORMERS, DISCONNECTS, ELECTRICAL OUTLETS, CONDUITS, JUNCTION BOXES, CONDUCTORS, LIGHT FIXTURES, FIRE ALARM CABLES, SMOKE DETECTORS, PULL STATIONS, HORNS, STROBES, COMMUNICATION CABLES, COMMUNICATION OUTLETS.
- 4. CONTRACTOR TO COORDINATE DEMOLITION WITH OWNER.
- 5. CONTRACTOR SHALL COORDINATE WITH THE OWNER AS TO DISPOSITION OF ANY EXISTING SALVAGEABLE ELECTRICAL DEVICES, LIGHT FIXTURES, OR ELECTRICAL EQUIPMENT.
- 6. CONTRACTOR SHOULD NOT START ANY OF THE DEMOLITION UNTIL ALL EQUIPMENT AND DEVICES ARE REMOVED THAT THE OWNER WANTS TO SALVAGE.
- 7. CONTRACTOR SHOULD NOT BEGIN REMOVAL OF ANY OF THE TELEPHONE, DATA OR FIRE ALARM SYSTEMS UNTIL: A. OWNER HAS REMOVED TELEPHONE OR DATA DEVICES. B. CONTRACTOR HAS COORDINATED WITH OWNER THE DISPOSITION OF ALL TELEPHONE, DATA AND FIRE ALARM EQUIPMENT.
- 8. REFER TO THE ARCHITECTURAL DEMOLITION PLANS AND DIVISION 1 SPECIFICATION FOR FURTHER INFORMATION.
- 9. CONTRACTOR COORDINATE THE REUSE OF ANY EXISTING OUTLET/SWITCH BOXES IN WALLS SCHEDULED TO REMAIN. REFER TO THE ARCHITECTURAL DEMOLITION DOCUMENTS. CONTRACTOR SHALL REMOVE BRANCH CIRCUIT WIRING TO NEAREST ACCESSIBLE JUNCTION BOX.
- 10. CONTRACTOR SHALL DIRECTLY SUPERVISE THE WORK FROM BEGINNING TO COMPLETION.
- 11. ALL EXISTING FLOOR OUTLETS SHALL BE REMOVED AND THE SLAB PENETRATION SHALL BE REPAIRED TO RESTORE ORIGINAL FIRE RESISTANCE AND STRUCTURAL INTEGRITY.

VINITA CULTURAL DEVELOPMENT CENTER

CHEROKEE NATION, OKLAHOMA

REVISION



Table with 3 columns: No., Description, Date. Contains a grid for tracking revisions.

OWNER REVIEW SET

PROJECT NO: 111-049.20

ISSUED BY: Author

CHECKED BY: Checker

ISSUE DATE: 3/1/2021

E001

Scale 1/8" = 1'-0"



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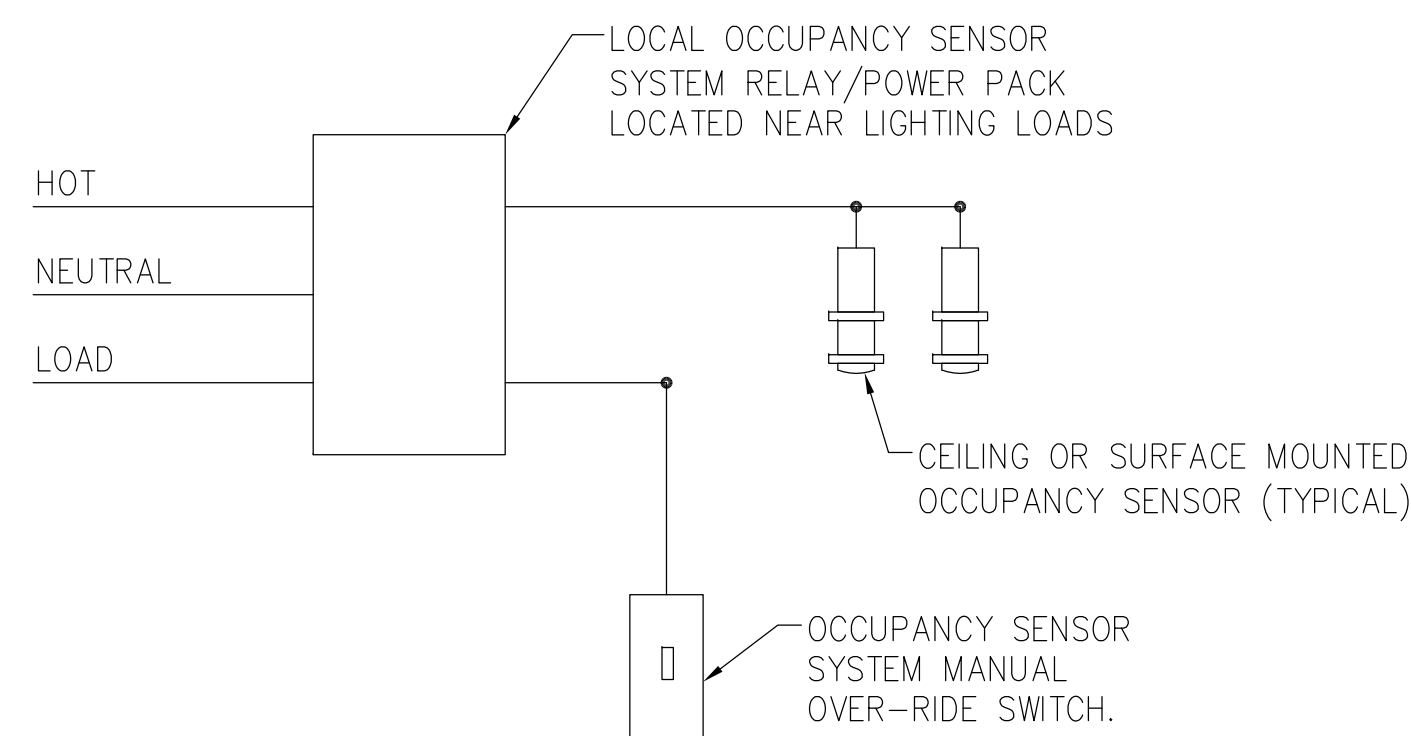
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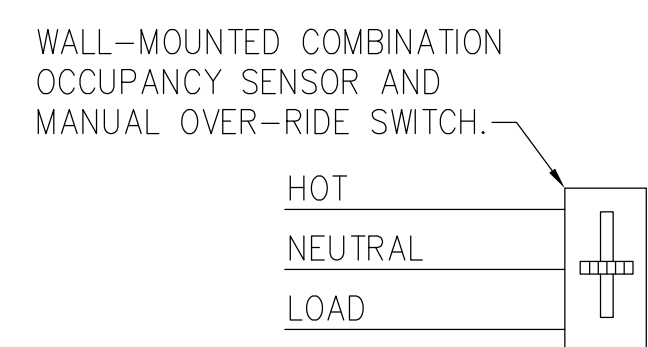
VINITA CULTURAL DEVELOPMENT CENTER

ELECTRICAL NUMBERED NOTES

FIXTURE SCHEDULE			
TYPE	MANUFACTURER & CATALOG NUMBER	LAMP QUANTITY/TYPE MANUFACTURER	DESCRIPTION



A TYPICAL LARGE OFFICE OR AREA OCCUPANCY SENSOR WIRING DIAGRAM
SCALE: NONE



B TYPICAL OFFICE WALL MOUNTED OCCUPANCY SENSOR WIRING DIAGRAM
SCALE: NONE

PROJECT
CHEROKEE NATION, OKLAHOMA

KEY PLAN



No.	Description	Date

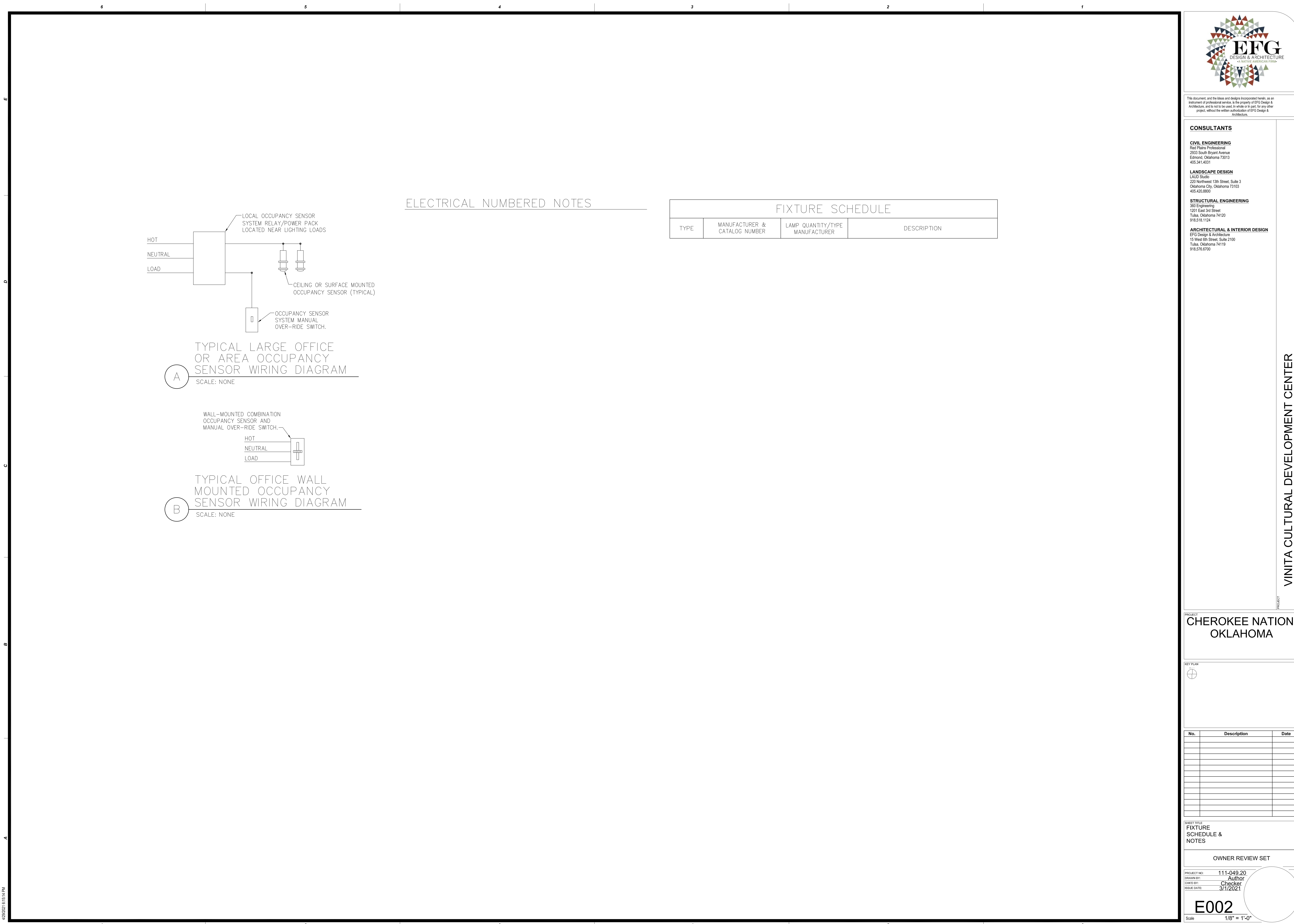
SHEET TITLE
FIXTURE SCHEDULE & NOTES

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ISSUE DATE: 3/1/2021

E002

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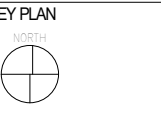
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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT
**CHEROKEE NATION,
OKLAHOMA**



No.	Description	Date

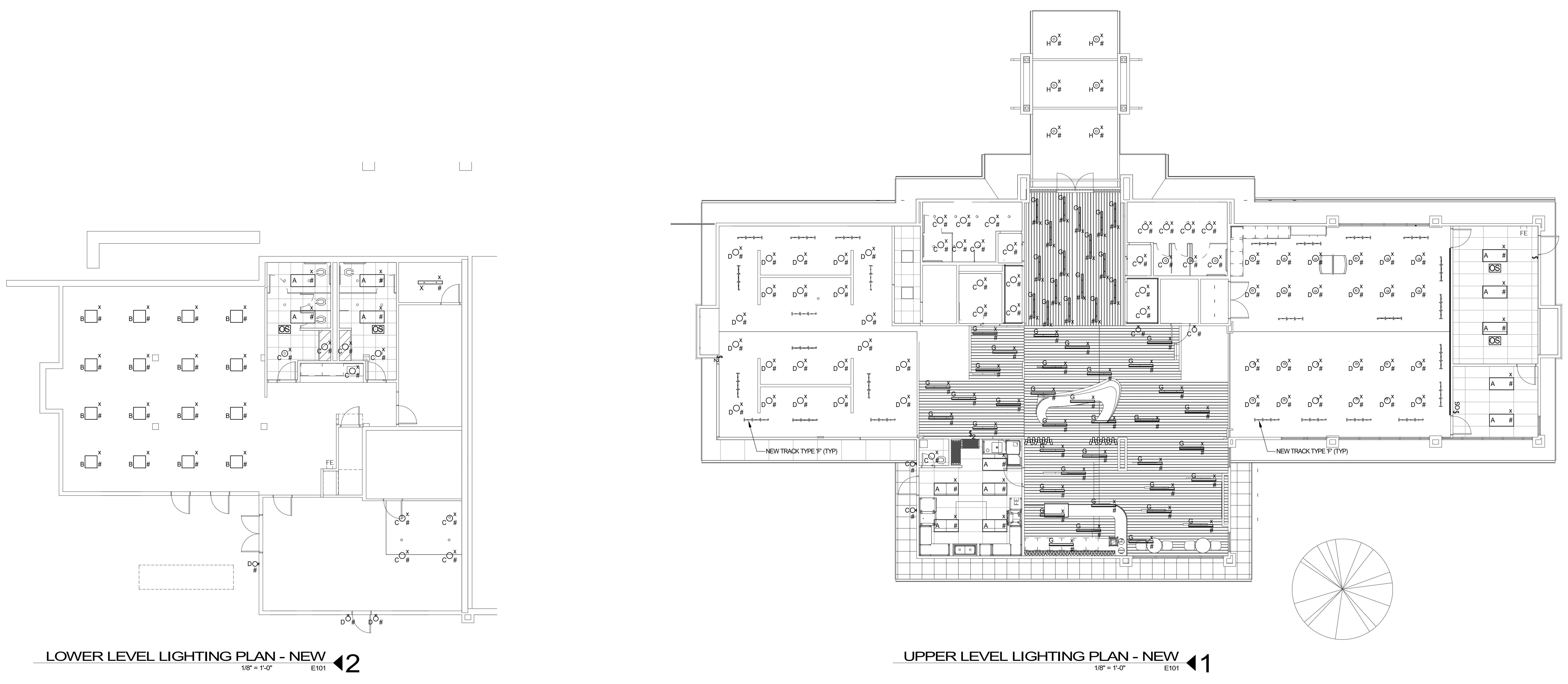
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LIGHTING PLAN

OWNER REVIEW SET

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CHECKED BY: Checker
ISSUE DATE: 3/1/2021

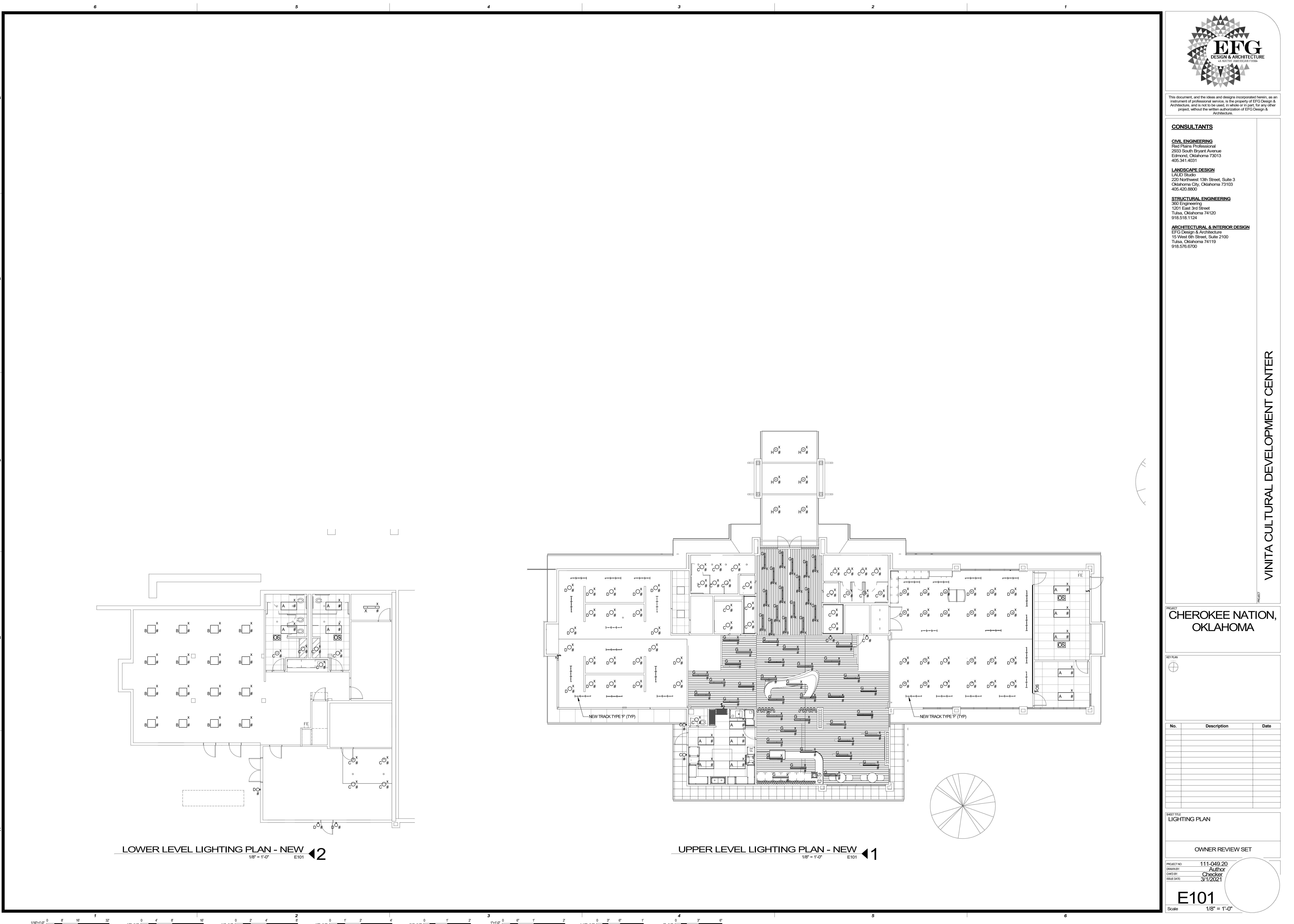
E101

Scale 1/8" = 1'-0"



LOWER LEVEL LIGHTING PLAN - NEW
1/8" = 1'-0" E101

UPPER LEVEL LIGHTING PLAN - NEW
1/8" = 1'-0" E101



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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT
CHEROKEE NATION,
OKLAHOMA

KEY PLAN



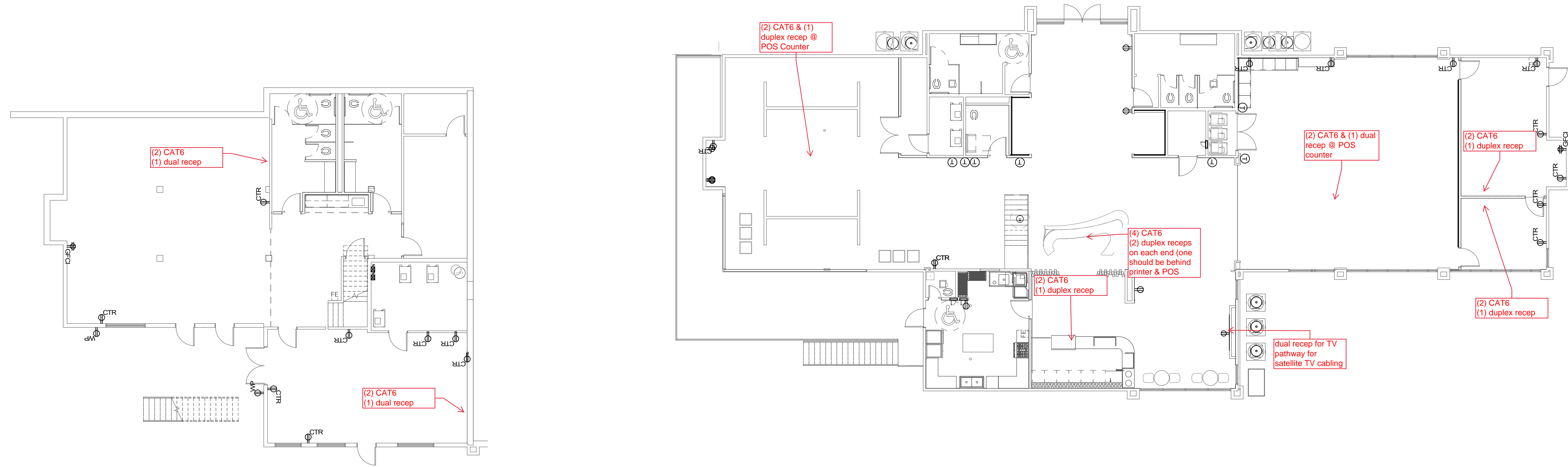
No.	Description	Date

POWER PLANS

OWNER REVIEW SET

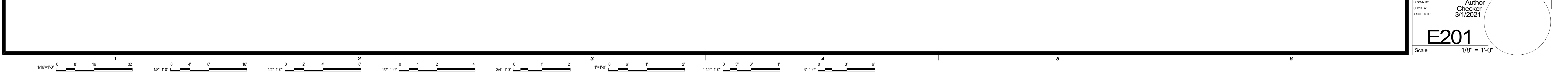
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ISSUE DATE: 3/1/2021

E201
Scale 1/8" = 1'-0"



LOWER LEVEL POWER PLAN - NEW
1/8" = 1'-0" E201

UPPER LEVEL POWER PLAN - NEW
1/8" = 1'-0" E201



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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT

PROJECT
CHEROKEE NATION, OKLAHOMA

KEY PLAN



No.	Description	Date

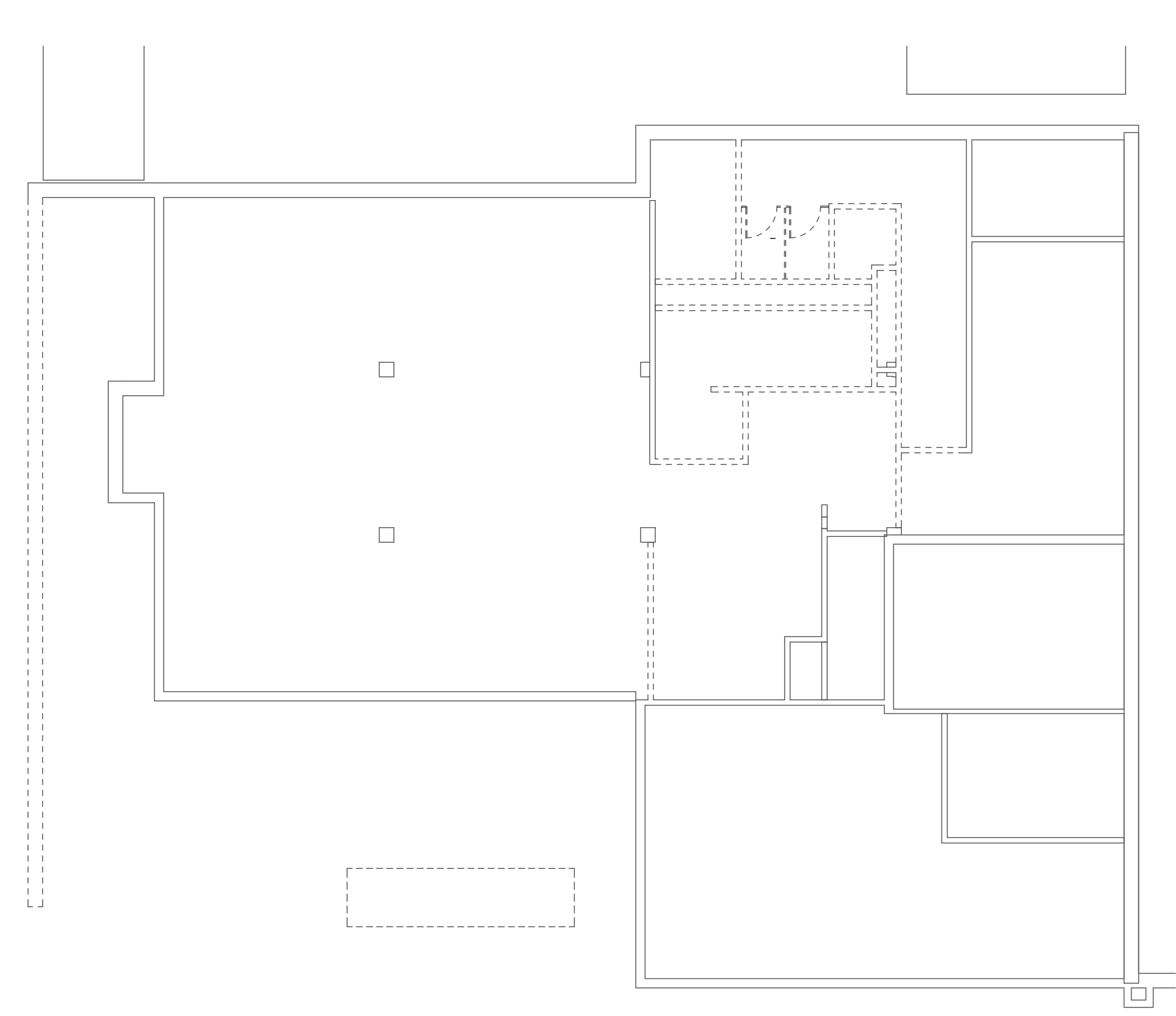
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DEMOLITION - ELECTRICAL PLANS

OWNER REVIEW SET

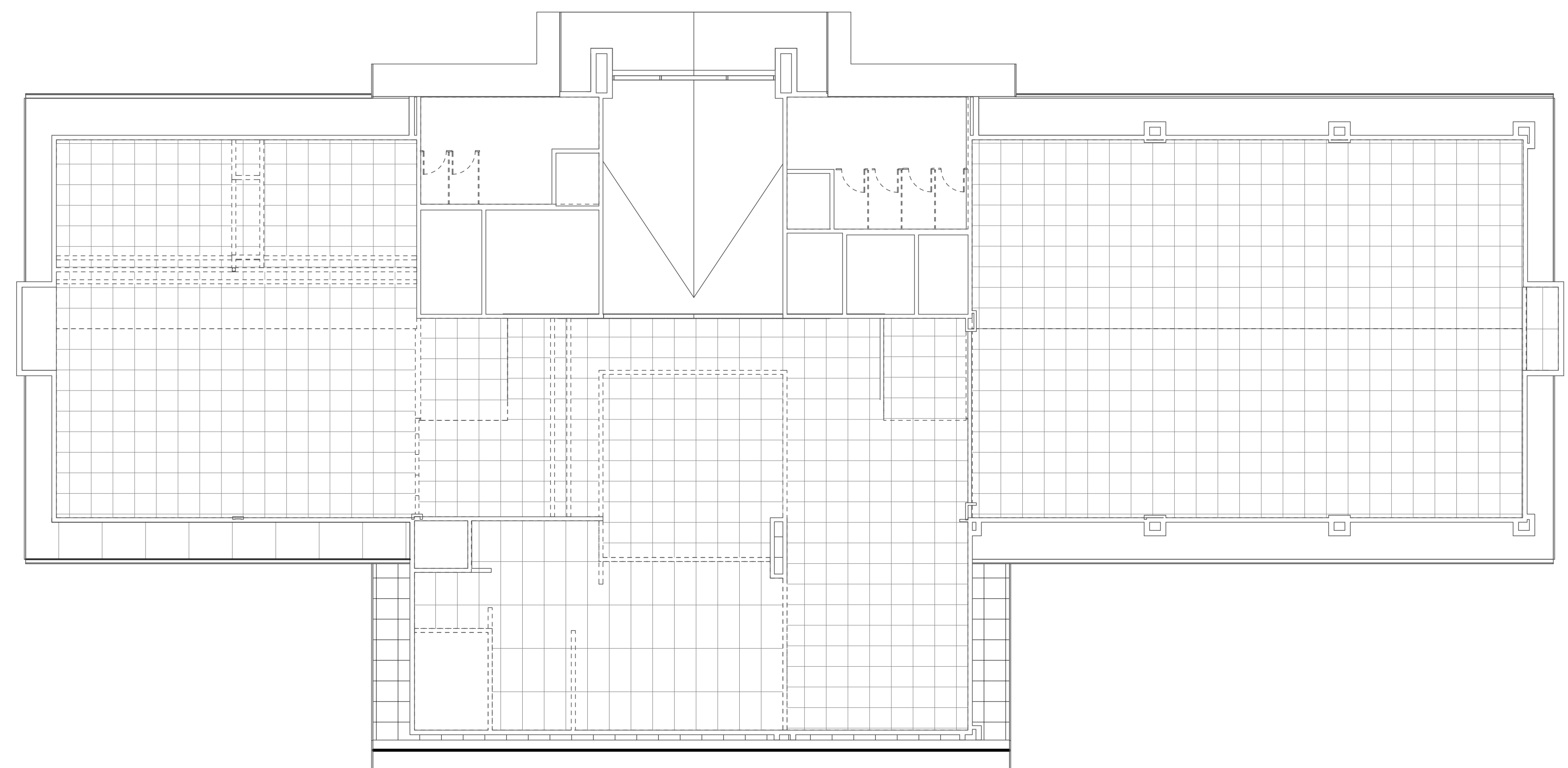
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CHECKED BY: Checker
ISSUE DATE: 3/1/2021

ED101

Scale 1/8" = 1'-0"



LOWER LEVEL ELECTRICAL PLAN
1/8" = 1'-0" ED101 ◀ 12



UPPER LEVEL ELECTRICAL PLAN
1/8" = 1'-0" ED101 ◀ 11

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E D C B A

