

LINETYPES LEGEND:

- NEW
- - - EXISTING OR BY OTHERS
- - - - - DEMOLITION

LIGHTING LEGEND:

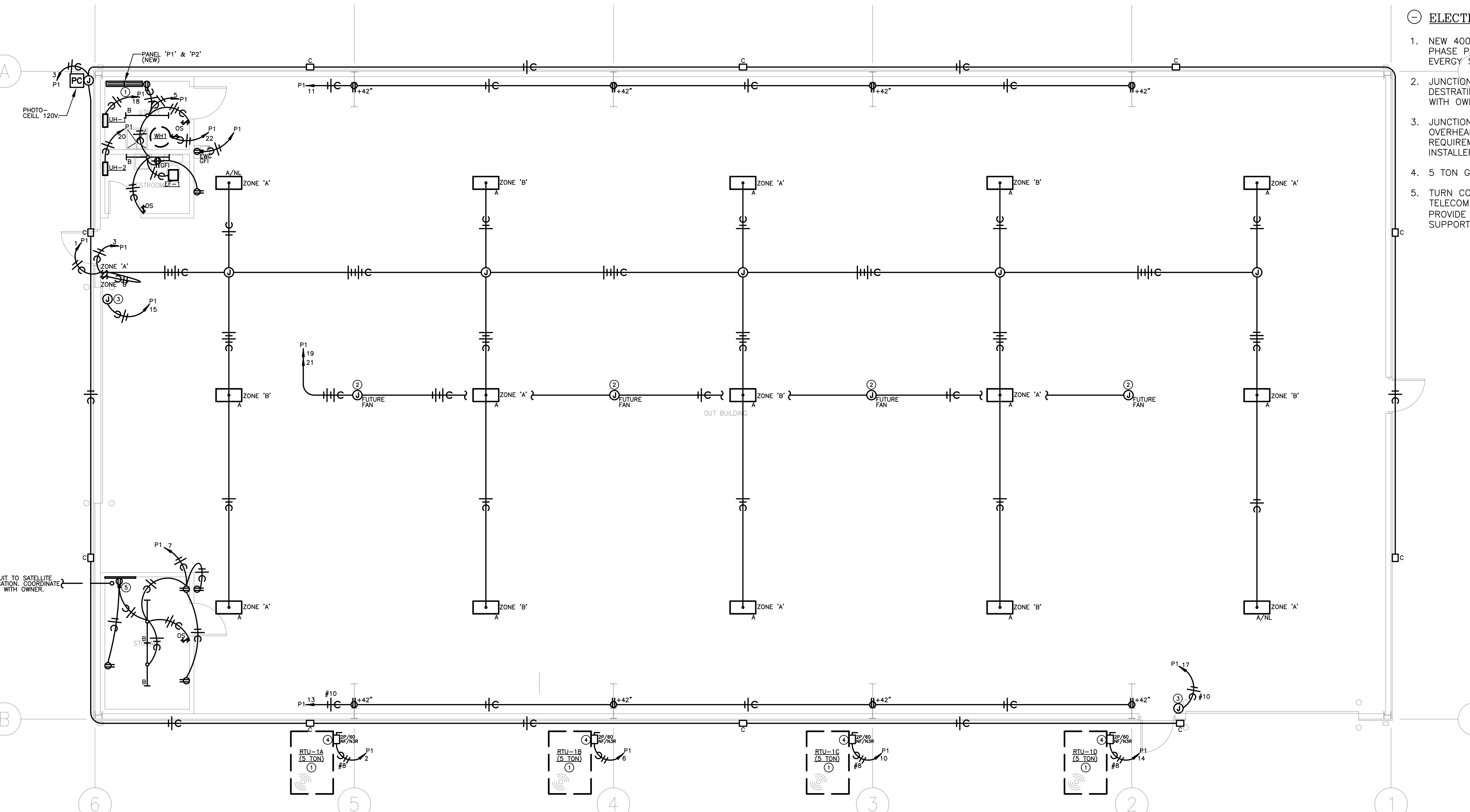
- • CEILING MOUNTED LIGHT FIXTURE, 2'x2' OR 2'x4'
 - • CEILING MOUNTED LIGHT FIXTURE, 2'x2' OR 2'x4' (NIGHT LIGHT OR EMERGENCY CIRCUIT)
 - STRIP LIGHT FIXTURE. REFER TO FIXTURE SCHEDULE FOR LENGTH.
 - WALL-MOUNT SCONCE OR WALL BRACKET LIGHT FIXTURE.
 - ○ RECESSED WALL WASH CAN LIGHT FIXTURE.
 - ○ ○ RECESSED, SURFACE, OR STEM HUNG LIGHT FIXTURE.
 - ↔ SINGLE FACE EXIT LIGHT FIXTURE, WALL OR CEILING MOUNT, WITH FIELD CONFIGURABLE ARROWS. PROVIDE DIRECTIONAL ARROWS AS INDICATED ON DRAWINGS. SHADED AREA INDICATES EXIT LIGHT FACE.
 - ↔ DOUBLE FACE EXIT LIGHT FIXTURE, WALL OR CEILING MOUNT, WITH FIELD CONFIGURABLE ARROWS. PROVIDE DIRECTIONAL ARROWS AS INDICATED ON DRAWINGS. SHADED AREA INDICATES EXIT LIGHT FACE.
 - ↔ COMBINATION SINGLE FACE EXIT/EMERGENCY LIGHT FIXTURE, WALL OR CEILING MOUNT, WITH FIELD CONFIGURABLE ARROWS. PROVIDE DIRECTIONAL ARROWS AS INDICATED ON DRAWINGS. SHADED AREA INDICATES EXIT LIGHT FACE.
- NOTE:** REFER TO LIGHT FIXTURE SCHEDULE AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND MOUNTING HEIGHTS.

POWER LEGEND:

- INDICATES ABOVE COUNTER (TYP)
 - ⊕ DUPLEX RECEPTACLE MOUNTED AT +18" AFF TO CENTER OF RECEPTACLE (UNO). ABOVE COUNTER RECEPTACLES SHALL BE +48" AFF (UNO).
 - ⊕ DUPLEX ISOLATED GROUND RECEPTACLE MOUNTED AT +18" AFF TO CENTER OF RECEPTACLE (UNO). ABOVE COUNTER RECEPTACLES SHALL BE +48" AFF (UNO).
 - ⊕ DUPLEX RECEPTACLE ON STAND-BY GENERATOR POWER, MOUNTED AT +8" AFF TO CENTER OF RECEPTACLE (UNO). RECEPTACLES SHOWN ABOVE COUNTER SHALL BE +48" AFF (UNO).
 - ⊕ FLOOR-MOUNTED DUPLEX OR FOURPLEX RECEPTACLE MOUNTED IN PVC FLOORBOX, OR POKE-THRU
 - ⊕ SPECIAL RECEPTACLE, NUMBER REFERS TO "NEMA" CONFIGURATION. MOUNT AT +18" AFF TO CENTER OF RECEPTACLE (UNO).
 - ⊕ FOURPLEX RECEPTACLE MOUNTED AT +18" AFF TO CENTER OF RECEPTACLE (UNO). RECEPTACLES SHOWN TO BE ABOVE COUNTER SHALL BE +48" AFF (UNO)
 - ⊕ FLUSH MOUNT COMBINATION POWER AND VOICE/DATA FLOORBOX.
 - ⊕ SINGLE POLE WALL MOUNT TOGGLE SWITCH. MOUNT AT +48" AFF TO CENTER OF SWITCH.
 - ⊕ WALL MOUNTED OCCUPANCY SENSOR SWITCH. MOUNT AT +48" AFF TO CENTER OF SWITCH.
 - ⊕ WALL MOUNTED OCCUPANCY SENSOR SWITCH WITH 0-10V DIMMING CONTROL. MOUNT AT +48" AFF TO CENTER OF SWITCH.
 - ⊕ WALL MOUNTED LOW VOLTAGE SWITCH WITH 0-10V DIMMING CONTROL. MOUNT AT +48" AFF TO CENTER OF SWITCH.
 - ⊕ VOICE OPENING. PROVIDE 3/4" EMT CONDUIT STUB TO ABOVE CEILING FOR FUTURE CABLING. DEVICES SHOWN TO BE COUNTER SHALL BE +48" AFF (UNO).
 - ⊕ DATA OPENING. PROVIDE 3/4" EMT CONDUIT STUB TO ABOVE CEILING FOR FUTURE CABLING. DEVICES SHOWN TO BE COUNTER SHALL BE +48" AFF (UNO).
 - ⊕ COMBO VOICE/DATA OPENING. PROVIDE 3/4" EMT CONDUIT STUB TO ABOVE CEILING FOR FUTURE CABLING. DEVICES SHOWN TO BE COUNTER SHALL BE +48" AFF (UNO).
 - ⊕ FLUSH FLOOR MOUNT VOICE/DATA OUTLET MOUNTED IN PVC FLOORBOX.
 - ⊕ DISCONNECT SWITCH, STARTER, & COMBINATION STARTER/DISCONNECT SWITCH. SIZE AS INDICATED ON DRAWINGS.
 - ⊕ ELECTRICAL PANEL BOARD, FLUSH OR SURFACE MOUNT
 - ⊕ JUNCTION BOX
- NOTE:** LINE THROUGH DEVICE INDICATES TO BE MOUNTED ABOVE COUNTERTOP OR CABINET. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS IF NOT INDICATED ON POWER PLAN.
- REFER TO LIGHTING CONTROL DEVICE SCHEDULE AND ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION.

WIRING LEGEND:

- HOMERUN TO PANELBOARD WITH NUMBER AND SIZE OF CONDUCTORS INDICATED ON PLANS. WHEN NO WIRING TICK MARKS ARE SHOWN, CONTRACTOR SHALL ASSUME MINIMUM OF (3) #12 CONDUCTORS.
- GROUNDED CONDUCTOR.
- CONDUIT OR CIRCUIT BREAK/CONTINUATION.
- CONDUIT WITH ENDCAP FOR FUTURE USE.
- GROUNDING SOURCE.



1 ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"

LIGHT FIXTURE SCHEDULE								
TYPE	MANUFACTURER	MODEL	LIGHT SOURCE	WATTS	LUMENS	VOLTAGE	DESCRIPTION	NOTES
A	LITHONIA OR EQUAL	1BE-18LM-MVOLT-40K-80CRI	INTEGRAL LED	137	18000	UNIV VOLTAGE	1.5'x2' LED INDUSTRIAL HIGH-BAY LIGHT FIXTURE WITH LED LIGHT SOURCE, 840 COLOR RENDITION, DIMMABLE UNIVERSAL VOLTAGE DRIVER.	1
B	LITHONIA OR EQUAL	CSS-148-4000LM-MVOLT-40K-80CRI	INTEGRAL LED	36	4000	UNIV VOLTAGE	LED 2'x4' FLAT PANEL TROFFER WITH ADJUSTIBLE LUMEN AND COLOR OUTPUT. SET FOR MEDIUM LUMEN OUTPUT AND 4000K UNLESS INDICATED OTHERWISE BY OWNER OR ARCHITECT.	1
C	LITHONIA OR EQUAL	KAXW-LED-P3-40K-R4-MVOLT-DBBXD	INTEGRAL LED	79	9000	UNIV VOLTAGE	FULL CUT-OFF LED WALL PACK LIGHT FIXTURE MOUNTED APPROXIMATELY 15' ABOVE INTERIOR FLOOR SLAB GRADE, WITH 120V DRIVER AND DARK BRONZE COLOR.	1

NOTES:
1. COORDINATE ALL LIGHT FIXTURE SELECTIONS AND/OR SUBSTITUTIONS WITH OWNER PRIOR TO RELEASE.

ABBREVIATIONS LEGEND:

- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- ED EXISTING TO BE DEMOLISHED
- EM EMERGENCY
- ER EXISTING TO BE RELOCATED
- ETR EXISTING TO REMAIN
- EWC ELECTRIC WATER COOLER
- GFCI GROUND FAULT CURRENT INTERRUPTER
- NL NIGHT LIGHT
- TR TAMPER RESISTANT
- UNO UNLESS NOTED OTHERWISE
- USB RECEPTACLE TO HAVE (2) USB CHARGING PORTS
- WP/GFI WEATHER PROTECTED 'IN-USE' COVER / GFCI

ELECTRICAL PLAN NOTES:

1. NEW 400A RESIDENTIAL 120/240V SINGLE PHASE PANEL AND ELECTRICAL SERVICE PER EVERY STANDARDS.
2. JUNCTION BOX AT STRUCTURE FOR FUTURE DESTRATIFICATION FANS. CONFIRM LOCATIONS WITH OWNER.
3. JUNCTION BOX FOR CONNECTION TO OVERHEAD DOOR OPERATOR. CONFIRM REQUIREMENTS WITH OVERHEAD DOOR INSTALLER.
4. 5 TON GROUND MOUNT ROOF-TOP UNIT.
5. TURN CONDUIT UP IN STORAGE ROOM FOR TELECOM PROVIDER TERMINATION POINT. PROVIDE 2'x4' PLYWOOD ON WALL FOR SUPPORT.

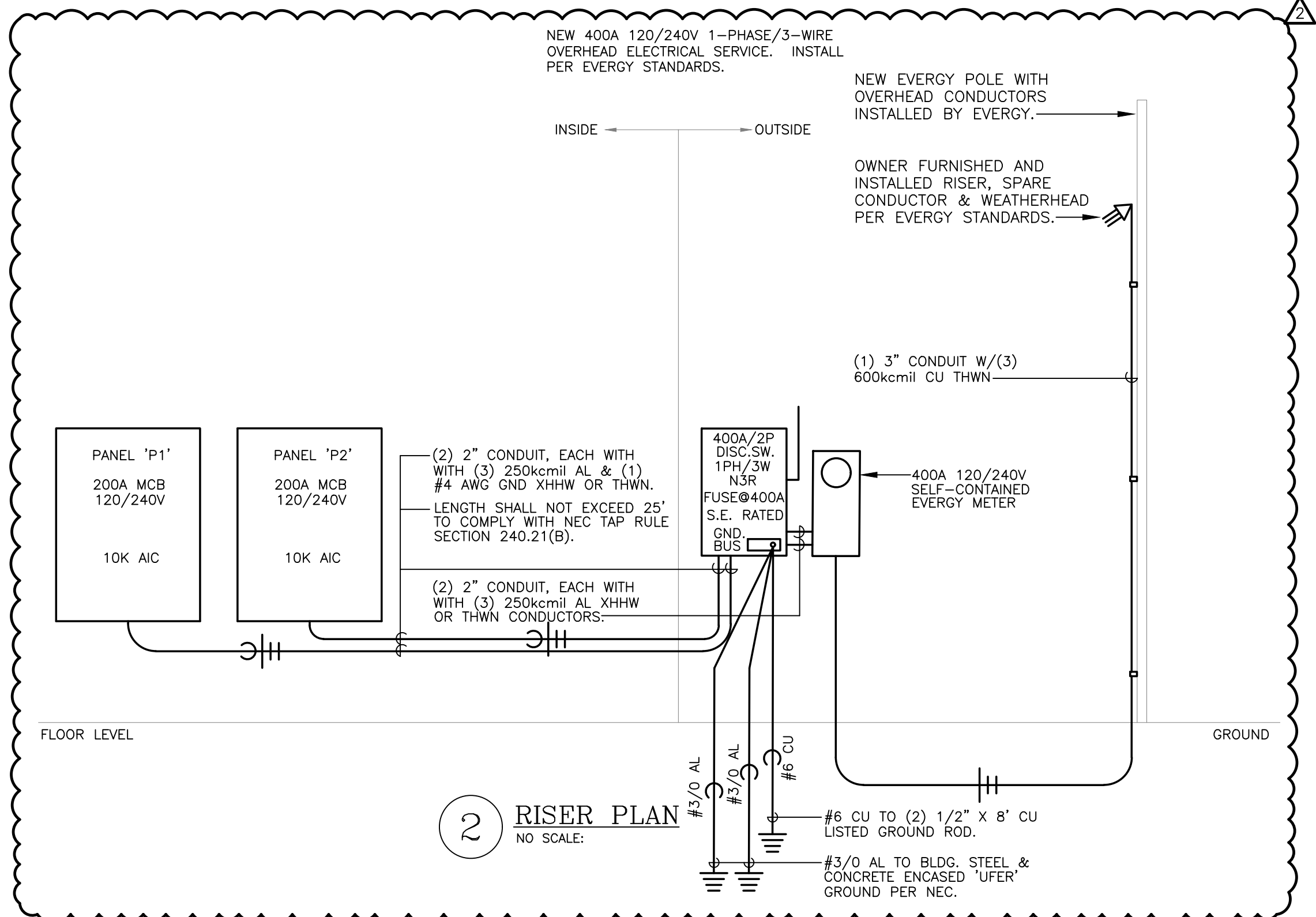


New Recreation Bldg. for:
Monheiser Residence
2620 SOUTHEAST RANSIN ROAD
LEE'S SUMMIT, MO

PERMIT & CDNST.	05/04/2023
MISC. REVISIONS	09/29/2023
SERVICE REVISION	04/29/2024
ISSUE	DATE

SHEET TITLE
ELECTRICAL PLAN

DRAWN BY TJE
CHECKED BY TJE
DATE 05/04/2023
PROJ. NO. 2023054
SHEET NO.
E100



2 RISER PLAN
NO SCALE.