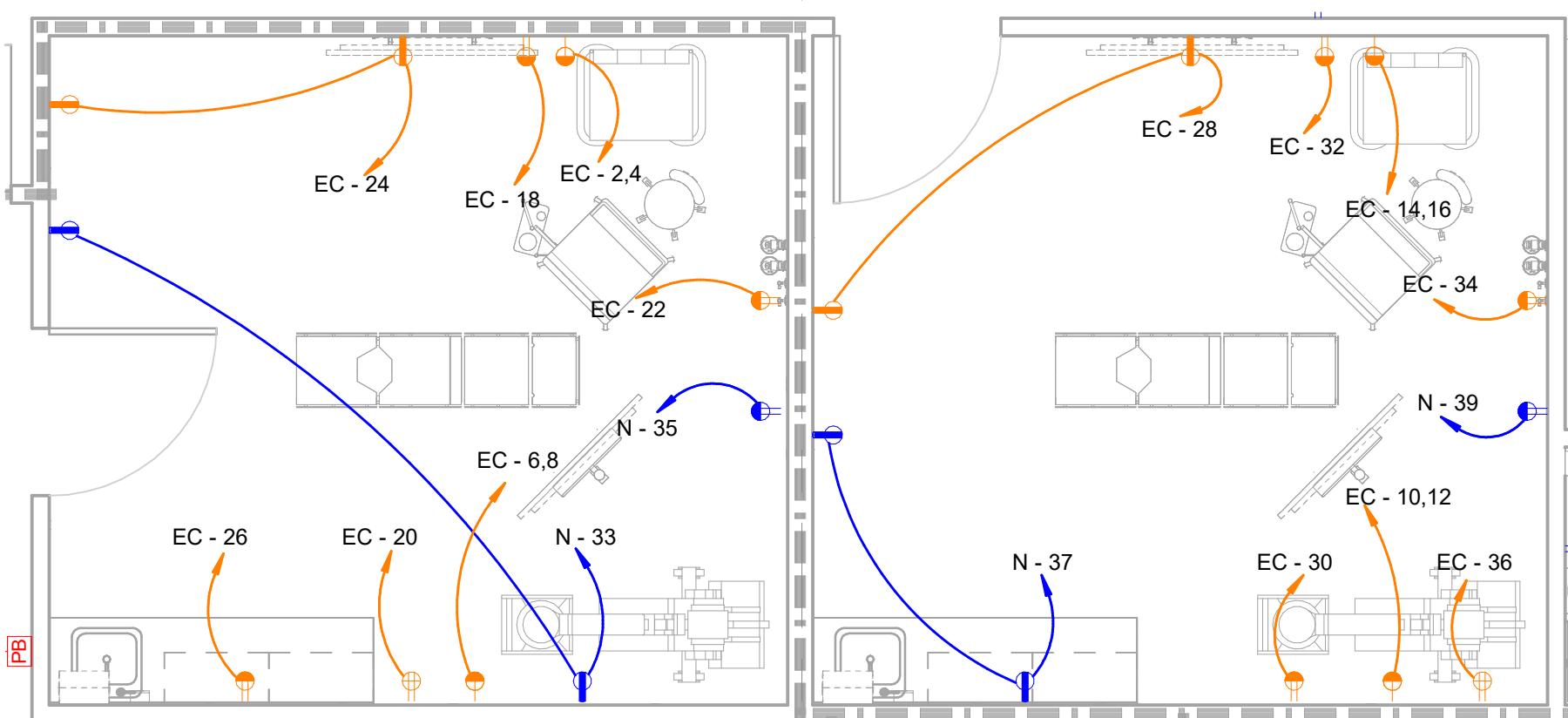
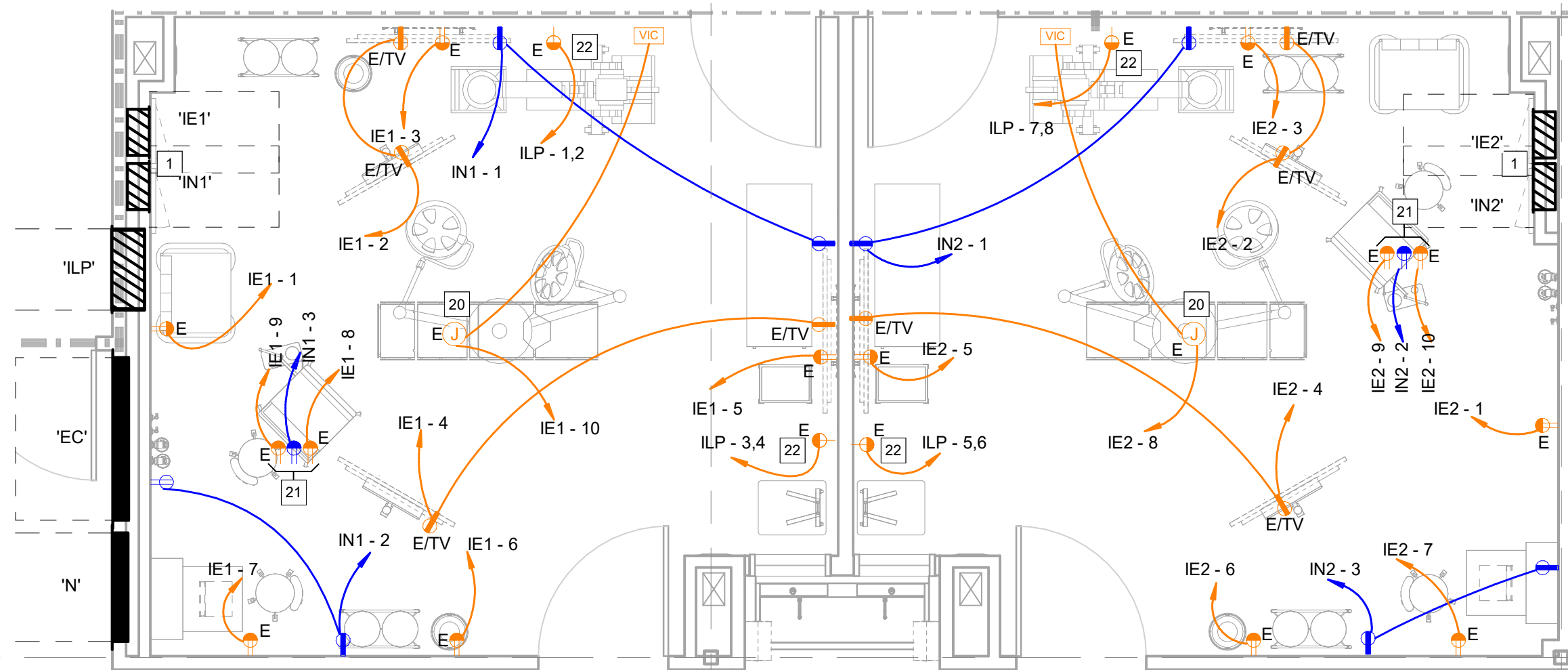




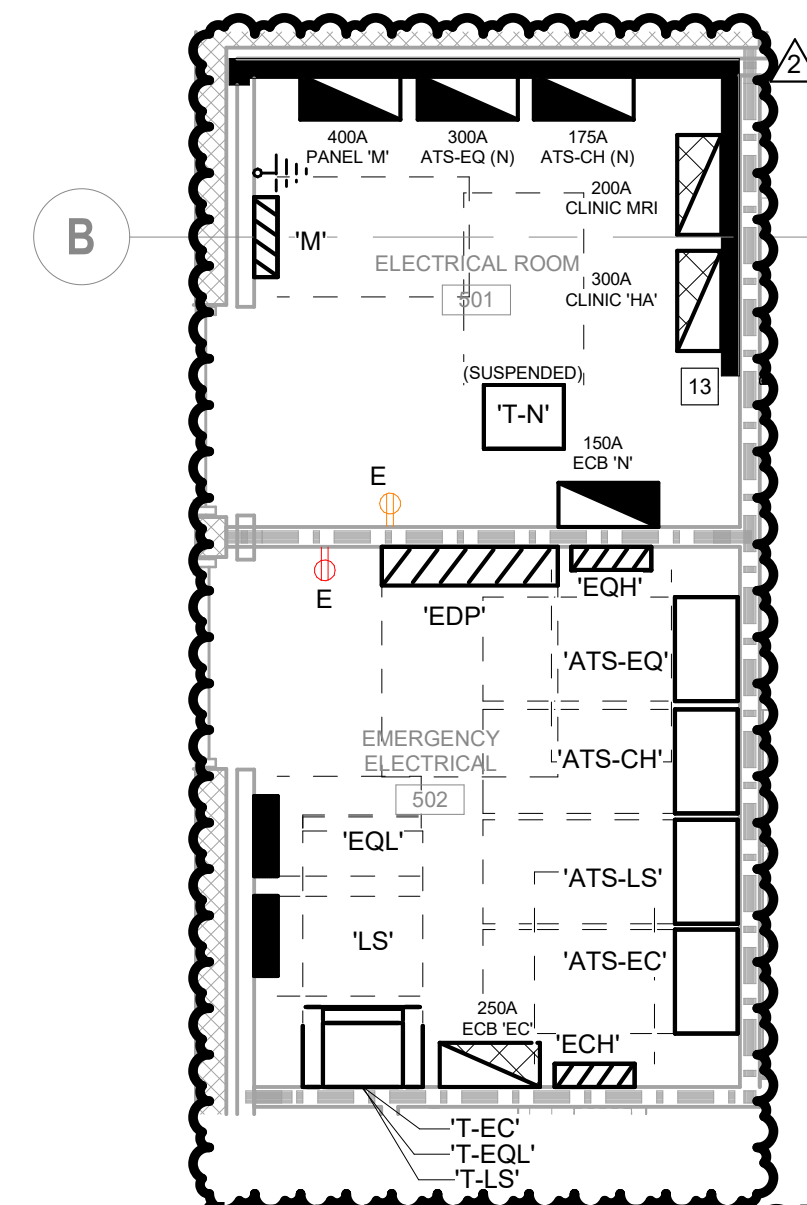
1 POWER - FLOOR PLAN
1/8" = 1'-0"



2 ENLARGED - PROCEDURE
1/4" = 1'-0"



3 ENLARGED - OR
1/4" = 1'-0"

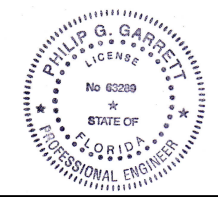


4 ENLARGED - ELECTRICAL ROOMS
1/4" = 1'-0"

- GENERAL NOTES:**
- ALL NEW OR MODIFIED CIRCUITS ARE TO BE PROVIDED WITH DEDICATED NEUTRAL CONDUCTORS. THE USE OF SHARED NEUTRALS SHALL NOT BE PERMITTED.
 - REFER TO ARCHITECTURAL ELEVATIONS AND CASEWORK SHOP DRAWINGS FOR THE LOCATION OF ALL ELECTRICAL DEVICES.
 - FIELD COORDINATE THE LOCATION OF ALL DISCONNECT SWITCHES TO PROVIDE SAFE AND ADEQUATE SPACE FOR MAINTENANCE AND TESTING. PROVIDE FUSE PER MANUFACTURER NAMEPLATE RATING.
 - ALL ELECTRICAL WIRING SHALL COMPLY WITH NEC 517, INCLUDING 517.13 IN PATIENT CARE AREAS.
- CODED NOTES:**
- PROVIDE A COMBINED "DUPLEX" ISOLATION PANEL FOR BOTH THE CRITICAL AND NORMAL ISOLATION PANELS. THE MAXIMUM WIDTH OF THE COMBINED PANELS IS 36". PANELS SHALL BE EQUAL TO BENDER "DUAL SYSTEM PANEL" WITH THE VOLTAGES, BREAKERS, AND ISOLATION TRANSFORMERS AS SPECIFIED IN THE PANEL SCHEDULES.
 - USE 2#10, 1#10GND, 3/4" CONDUIT.
 - PROVIDE A SINGLE PHASE LASER ISOLATION PANEL EQUAL TO BENDER PROGRAMMABLE LOGIC CONTROLLER (PLC) SINGLE PHASE PANEL WITH 480V, 2P PRIMARY AND 208V 2P SECONDARY AND A 15KVA ISOLATION PANEL. PROVIDE AN PLC CONTROLS TO ALLOW ANY(2) OF THE (4) OPERATING ROOM LASER RECEPTACLES TO OPERATE AT A TIME. PROVIDE REMOTE LIM AT EACH NEMA L6-30R RECEPTACLE.
 - MOUNT HORIZONTALLY IN THE BASEBOARD. COORDINATE WITH ARCHITECTURAL/FINISH PLANS.
 - USE 2#10, 1#10GND, 3/4" CONDUIT.
 - MOUNT AT CENTERLINE OF MICROWAVE OVEN.
 - PROVIDE TAMPER RESISTANT RECEPTACLES IN WAITING AREA.
 - PROVIDE 20A/1P GFCI BREAKER FOR CIRCUIT FEEDING THE WATER FOUNTAIN.
 - PROVIDE SWITCH FOR CONNECTION TO AUTO DOOR OPERATOR. REFER TO ARCHITECTURAL PLANS FOR THE EXACT LOCATION OF PUSH PLATES AND FOR THE DOOR HARDWARE SCHEDULE. PROVIDE FIRE ALARM RELAY TO RELEASE THE "HOLD OPEN" FEATURE AND TO DISENGAGE THE AUTO OPERATOR.
 - PROVIDE SWITCH FOR CONNECTION TO ACCESS CONTROL CARD READER. PROVIDE FIRE ALARM RELAY TO RELEASE THE LOCKING HARDWARE IN THE EVENT OF A FIRE ALARM.
 - REFER TO GENERATOR ENCLOSURE WIRING DETAIL ON SHEET E801A FOR SEPARATION OF CIRCUITS INSIDE THE GENERATOR ENCLOSURE TO SPECIFIC GENERATOR ACCESSORIES. DO NOT PROVIDE LOAD CENTER. PROVIDE CIRCUITS AS INDICATED. REFER TO RISER DIAGRAM ON SHEET E800 FOR GROUNDING ELECTRODE AND BONDING TO THE MAIN ELECTRICAL SERVICE GROUND ELECTRODE.
 - REFER TO CIVIL PLANS AND ARCHITECTURAL SITE PLANS FOR THE EXACT LOCATION OF THE ASC EMERGENCY GENERATOR. PROVIDE GENERATOR PAD AS REQUIRED BY THE GENERATOR MANUFACTURER TO ENSURE UPLIFT RESTRAINT OF THE GENERATOR ENCLOSURE.
 - PROVIDE GROUND BAR IN MAIN ELECTRICAL ROOM AND BOND TO ASC SERVICE ELECTRICAL GROUNDING TRIANGLE. USE #3/0 GROUND CONDUCTOR.
 - PROVIDE "IN-USE" COVER TO ALL WEATHERPROOF GFCI RECEPTACLES.
 - PROVIDE NEMA 15-20R RECEPTACLE PER STERILIZER MANUFACTURER REQUIREMENTS. USE GRAINGER PART # 5C793. USE 3#10, #10, 3/4" C.
 - PROVIDE 100A/3P/F100A/480V DISCONNECT FOR CONNECTION TO STERILIZER. USE 3#1, #6G, 1-1/4" C.
 - PROVIDE 60A/3P/F60A/480V DISCONNECT FOR CONNECTION TO WASHER/ DISINFECTOR. USE 3#4, #6G, 1" C.
 - PROVIDE NEMA L6-20R RECEPTACLE FOR THE WATER TREATMENT SYSTEM. VERIFY NEMA CONFIGURATION WITH VENDOR CUTSHEETS. USE 2#10, #10G, 3/4" C.
 - RECEPTACLE FOR WATER TREATMENT SYSTEM. COORDINATE EXACT LOCATION WITH WATER TREATMENT VENDOR.
 - PROVIDE JUNCTION BOX FOR SURGICAL/EXAM LIGHT. PROVIDE ENGRAVED LABEL ON THE LIGHT CONTROLLER.
 - PROVIDE CEILING MOUNTED HARDWARE PENDANT CONSISTING OF KELLEM'S STRAIN RELIEF, S.O. CORD, QUAD RECEPTACLE, AND RETRACTOR. PROVIDE HUBBELL 4-PLATEX HOSPITAL GRADE HBL420WR OR HBL420WH CONSISTING OF (4) RECEPTACLE ON A SINGLE YOLK, PROVIDE WITH RETRACTABLE STRAIN RELIEF CORD REEL TO ENSURE CORD DOES NOT EXTEND BELOW 6' AFF.
 - PROVIDE 30A, 250V, 1PHASE NEMA L6-30 RECEPTACLE FOR LASER UNIT. USE 2#10, #10GND, 3/4" C. PROVIDE A PLC LOGIC CONTROLLED OUTLET FROM ISOLATION PANEL MANUFACTURER EQUAL TO BENDER XRM SERIES DEVICES WITH INTEGRATED LIM MONITOR. COORDINATE EXACT LOCATION WITH OWNER. ELECTRICAL CONTRACTOR IS TO VERIFY EXACT RECEPTACLE TYPE WITH OWNER WHEN LASER UNIT IS SELECTED.
 - PROVIDE EMERGENCY POWER OFF (EPO) WITH A PROTECTIVE COVER. ELECTRICAL CONTRACTOR IS TO PROVIDE CONTROL WIRES AND CONDUCTORS TO EACH STERILIZER. VENDOR IS TO MAKE FINAL CONNECTION OF THE WIRES TO ACTIVATE THE EPO SEQUENCE PER MANUFACTURER.



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This seal has been digitally signed and sealed by Philip P. Garrett on the date indicated in the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DEUK SPINE
INSTITUTE
Surgery Center at Millenia, LLC

Hunton Brady
ARCHITECTS

DATE	SUBMISSION	NO
12.12.2023	CONSTRUCTION DOCUMENTS	
05.19.26	CCD NO. 1	1
08.07.26	CCD #2R	2

POWER FLOOR PLAN

PROJ. NO. H-23016.00 SHEET
DRAWN RC

E210A

WALL LEGEND	
1	SMOKE PARTITION - SEAL ALL OPENINGS
2	1-HOUR FIRE BARRIER - PROTECT ALL OPENINGS
3	1-HOUR FIRE SMOKE BARRIER - PROTECT ALL OPENINGS
4	2-HOUR FIRE BARRIER - PROTECT ALL OPENINGS
5	2-HOUR FIRE SMOKE BARRIER - PROTECT ALL OPENINGS
6	3-HOUR FIRE BARRIER - PROTECT ALL OPENINGS
7	3-HOUR FIRE SMOKE BARRIER - PROTECT ALL OPENINGS
8	4-HOUR FIRE BARRIER - PROTECT ALL OPENINGS
9	4-HOUR FIRE SMOKE BARRIER - PROTECT ALL OPENINGS
WALLS WITH THE ABOVE SYMBOLS SHALL BE PROTECTED BY AN APPROVED UL LISTED FIRE SHIELDER AND/OR CONCRETE OR BRICKWORK AS APPROPRIATE. ALL PENETS AND CONDUIT PENETRATIONS OF THE SAME WALLS SHALL ALSO BE APPROPRIATELY PROTECTED.	

