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ELECTRICAL SYMBOL LEGEND			
	WIRING AND WIRING DEVICES WIRING SYSTEM CONCEALED IN WALL OR CEILING. DASHED LINES INDICATE WIRING RUN BELOW SLAB / GRADE. LOW VOLTAGE CONTROL WIRING SYSTEM CONCEALED IN WALL OR CEILING. WIRING SYSTEM TO BE RUN EXPOSED. DASHED LINES INDICATE WIRING RUN BELOW SLAB / GRADE. BRANCH CIRCUIT HOMERUN TO PANEL. NUMBER OF ARROWHEADS INDICATE NUMBER OF CIRCUITS. THREE CIRCUITS OF ALTERNATING PHASES MAY BE COMBINED IN ONE CONDUIT. HOWEVER THEY SHALL EITHER BE EQUIPPED W/ DEDICATED NEUTRALS, COMMON TRIP CIRCUIT BREAKERS, OR HANDLE-TIES ON THEIR BREAKERS. MOTOR PROVIDED AND INSTALLED BY MECH. CONTRACTOR, WIRED BY ELEC. CONTRACTOR, NUMERALS INDICATE HORSEPOWER. JUNCTION BOX, CEILING AND WALL MOUNTED. • 'P' INDICATES SYSTEMS FURNITURE POWER WHIP. SEE DETAILS. • 'C' INDICATES SYSTEMS FURNITURE COMMUNICATIONS WHIP. SEE DETAILS. SINGLE SERVICE FLOORBOX / POKE-THROUGH, JUNCTION BOX. • ON-GRADE: HUBBELL B2536 SERIES BOX OR APPROVED EQUAL, UON. • ABOVE GRADE: HUBBELL S1PT4X4-J BOX SERIES OR APPROVED EQUAL, UON. • 'P' INDICATES SYSTEMS FURNITURE POWER WHIP. SEE DETAILS. • 'C' INDICATES SYSTEMS FURNITURE COMMUNICATIONS WHIP. SEE DETAILS.		COMMUNICATIONS OUTLETS SHALL BE MOUNTED AT SAME HEIGHT AS ADJACENT RECEPTACLE, w/ CONDUIT STUBBED OUT ABOVE ACCESSIBLE CEILING. • 'W' INDICATES 48" AFF MOUNTING. • 'INT' INDICATES INTERCOM OUTLET. TELEPHONE OUTLET w/ 3/4" C, CEILING, FLOOR AND WALL MOUNTED. DATA OUTLET w/ 1" C, CEILING, FLOOR AND WALL MOUNTED. COMBINATION TEL / DATA OUTLET w/ 1" C, CEILING, FLOOR AND WALL MOUNTED. WALL MOUNTED TV OUTLET w/ 1" C, UON. SEE ARCH PLANS FOR MOUNTING HEIGHT. RECEPTACLE (SIMPLEX, DUPLEX, DOUBLE DUPLEX, 220V OR SPECIAL), COMBINATION TEL/DATA OUTLET w/ 1" C, AND INTERCOM OUTLET IN FLOOR / WALL BOX, WIREMOLD FB-SERIES OR APPROVED EQUAL, UON. GENERATOR ANNUNCIATOR PANEL. SPEAKER CEILING AND WALL MOUNTED. DISCONNECT SWITCH FOR NOTIFICATION. DOOR BELL PUSH BUTTON. LOW VOLTAGE TRANSFORMER. VISUAL / AUDIBLE DOOR NOTIFICATION. INTERCOMM. VOLUME CONTROL. GROUND BAR. WIRELESS ACCESS POINT. DATA PATCH PANEL.
	FIRE ALARM DEVICES • 'C' INDICATES CEILING MOUNTED. CARBON MONOXIDE DETECTOR WALL OR CEILING MTD. HEAT DETECTOR WALL OR CEILING MOUNTED. SMOKE DETECTOR WALL OR CEILING MOUNTED. SMOKE DETECTOR DUCT MOUNTED. FIRE ALARM CONTROL PANEL. FIRE ALARM ANNUNCIATOR PANEL. FIRE ALARM NOTIFICATION APPLIANCE CABINET. EMERGENCY RESPONDER RADIO COVERAGE SYSTEM. DOOR HOLDER INTERFACE DEVICE. INPUT MODULE INTERFACE DEVICE. RELAY INTERFACE DEVICE. FIRE ALARM FLOW SWITCH. FIRE ALARM PRESSURE SWITCH. FIRE ALARM TAMPER SWITCH. FIRE ALARM PULL STATION. LOW FREQUENCY ALARM DEVICE. VISUAL ONLY ALARM DEVICE. VISUAL / AUDIBLE ALARM DEVICE. BELL ALARM DEVICE. SPEAKER ALARM DEVICE. SPEAKER / STROBE ALARM DEVICE. SINGLE STATION CARBON MONOXIDE ALARM. SINGLE STATION HEAT ALARM. SINGLE STATION DUCT SMOKE ALARM. SINGLE STATION DUCT SMOKE REMOTE ALARM.	 SITE BOLLARD LIGHT FIXTURE. GROUND MOUNTED FLOODLIGHT FIXTURE. GROUND MOUNTED LINEAR SIGNLIGHT FIXTURE. POST TOP LIGHT FIXTURE. POLE MOUNTED SITE LIGHT FIXTURE (1 HEAD). POLE MOUNTED SITE LIGHT FIXTURE (2 HEAD).	 SWITCHING 20A, 120/277 VOLT, +48" AFF TO TOP, UON. • '2' INDICATES 2-POLE. • '3' INDICATES 3-WAY. • '4' INDICATES 4-WAY. • 'D' INDICATES 0-10V DIMMER SWITCH. COORDINATE EXACT TYPE AND RATING w/ LIGHTING CONTROLLED. • 'T' INDICATES 0-60 MINUTE TIMER SWITCH. • 'K' INDICATES KEY OPERATED SWITCH. • 'LV' INDICATES LOW VOLTAGE SWITCH. • '[W]' INDICATES LIGHTING CONTROL ZONE. SEE LIGHTING CONTROL SCHEDULE FOR DETAILS. SINGLE POLE SWITCH. LINE VOLTAGE, VACANCY SENSOR SWITCH, MANUAL-ON / AUTO-OFF, DUAL-TECHNOLOGY, PROVIDE COMPLETE ROOM COVERAGE. LINE VOLTAGE, OCCUPANCY SENSOR SWITCH, AUTO-ON / AUTO-OFF, DUAL-TECHNOLOGY, PROVIDE COMPLETE ROOM COVERAGE. LINE VOLTAGE, OCCUPANCY SENSOR SWITCH w/ DIMMING, AUTO-ON / AUTO-OFF, DUAL-TECHNOLOGY, PROVIDE COMPLETE ROOM COVERAGE. LOW VOLTAGE, OCCUPANCY SENSOR SWITCH, AUTO-ON / AUTO-OFF, DUAL-TECHNOLOGY, PROVIDE COMPLETE ROOM COVERAGE. LOW-VOLTAGE CONCEALED POWER PACK FOR OCCUPANCY SENSOR. LOW-VOLTAGE CONCEALED POWER PACK FOR OCCUPANCY SENSOR, AUTO-ON / AUTO-OFF. LOW-VOLTAGE CONCEALED POWER PACK FOR OCCUPANCY SENSOR, MANUAL-ON / AUTO-OFF. LOW-VOLTAGE DUAL-TECHNOLOGY PACK FOR OCCUPANCY SENSOR, MANUAL-ON / AUTO-OFF, 0-10V DIMMING. LOW-VOLTAGE DUAL-TECHNOLOGY VACANCY SENSOR, CEILING AND WALL MOUNTED, MANUAL-ON / AUTO-OFF w/ EXTENDED RANGE (AT LEAST 56'-0" MINOR MOTION RANGE DIAMETER AT 9'-0" AFF MOUNTING HEIGHT). LOW-VOLTAGE DUAL-TECHNOLOGY OCCUPANCY SENSOR, CEILING AND WALL MOUNTED, AUTO-ON / AUTO-OFF w/ EXTENDED RANGE (AT LEAST 56'-0" MINOR MOTION RANGE DIAMETER AT 9'-0" AFF MOUNTING HEIGHT). NORTH FACING ROOF MOUNTED PHOTOCELL. TIMECLOCK, REFER TO LIGHTING CONTROL DIAGRAM. INVERTER, 50W, 277V, 90 MINUTE BATTERY.
	RECEPTACLES ALL RECEPTACLES SHALL BE A MINIMUM RATING OF 120 VOLT, 20 AMP, UON. VERTICAL MOUNTED BOX HEIGHTS SHALL BE TO CENTER, HORIZONTAL MOUNTED BOX HEIGHTS SHALL BE TO TOP, UON. • 'AFI' INDICATES ARC FAULT CIRCUIT INTERRUPTER. • 'GFI' INDICATES GROUND FAULT CIRCUIT INTERRUPTER. • 'WP' INDICATES WEATHERPROOF IN USE. WEATHER RESISTANT RECEPTACLE w/ IN-USE EXTRA DUTY COVER. RECEPTACLES LOCATED IN WET OR DAMP LOCATIONS SHALL BE WP, WHETHER INDICATED OR NOT. • 'EWC' INDICATES ELECTRIC WATER COOLER. • 'EX' INDICATES EXISTING TO BE REUSED. • 'HD' INDICATES HAND DRYER CONNECTION. • 'TR' INDICATES TAMPER RESISTANT (INTEGRAL TO RECEPTACLE). ALL DWELLING UNIT DUPLEX RECEPTACLES SHALL BE LISTED TAMPER RESISTANT TYPE. ALL NON-LOCKING, 120V, 15A AND 20A RECEPTACLES SHALL BE TAMPER RESISTANT, EXCEPT IN MECHANICAL ROOMS, ELECTRICAL ROOMS, AND JANITORS CLOSETS, WHETHER INDICATED OR NOT. • 'CH' INDICATES HALF CONTROLLED. • 'CP' INDICATES FULLY CONTROLLED (BOTH PLUGS OF DUPLEX). • 'AC' MOUNT ABOVE COUNTER. • 'USB' INDICATES 20A 125V TAMPER RESISTANCE RECEPTACLE AND USB+A+C FAST CHARGING. SHADING: • CENTER SHADING INDICATES DEVICE MOUNTED ABOVE COUNTER TOP 3'-8" AFF, UON. • 1/2 SHADING INDICATES DEVICE TO BE SWITCHED. SIMPLEX RECEPTACLE, CEILING, FLOOR AND WALL MOUNTED. DUPLEX RECEPTACLE, CEILING, FLOOR AND WALL MOUNTED. FLOOR IS SINGLE SERVICE FLOORBOX / POKE-THROUGH, ONE DUPLEX RECEPTACLE. • ON-GRADE: HUBBELL B2536 SERIES BOX OR APPROVED EQUAL, UON. • ABOVE GRADE: HUBBELL S1PT4X4-J SERIES BOX OR APPROVED EQUAL, UON. DOUBLE DUPLEX RECEPTACLE, CEILING, FLOOR AND WALL MOUNTED. 220V RECEPTACLE, CEILING, FLOOR AND WALL MOUNTED. • 'DRYER' INDICATES NEMA 14-30R. SPECIAL RECEPTACLE (AS INDICATED), CEILING, FLOOR AND WALL MOUNTED. MULTI-OUTLET ASSEMBLY.	 LIGHTNING PROTECTION LIGHTNING PROTECTION AIR TERMINAL. LIGHTNING PROTECTION DOWN CONDUCTOR AND GROUND ROD. LIGHTNING PROTECTION CONDUCTOR.	 LIGHTING FIXTURES SEE FIXTURE SCHEDULE FOR DETAILS. • 'NLT' INDICATES FIXTURE UNSWITCHED (NITE LIGHT). • LOWER CASE LETTERING DENOTES SWITCH / RELAY CONTROLLING THE FIXTURE. SHADING: • 1/2 SHADING INDICATES FIXTURE TO BE PROVIDED w/ 90-MINUTE, MINIMUM BATTERY BACKUP. DOWNLIGHT RECESSED FIXTURE, ARROW INDICATES WALL WASH TYPE AND DIRECTION TO AIM FIXTURE. DOWNLIGHT SURFACE MOUNTED FIXTURE. EMERGENCY EGRESS LIGHT FIXTURE. EXIT SIGN FIXTURE, CEILING AND WALL MOUNTED. SHADING INDICATES ILLUMINATED FACE, ARROWS INDICATE CHEVRONS. CEILING FAN. LINEAR PENDANT FIXTURE. 2' x 4' LIGHTING FIXTURE. DIAGONAL INDICATES FIXTURE UNSWITCHED (NITE LIGHT). 2' x 2' LIGHTING FIXTURE. ROUND BOWL / DRUM PENDANT FIXTURE. 4' STRIP FIXTURE. SURFACE FIXTURE. WALL MOUNTED LIGHT FIXTURE. TRACK LIGHT FIXTURE. STEP LIGHT FIXTURE.
	MISCELLANEOUS DEVICES 120V FIRE / SMOKE DAMPER (FURNISHED & INSTALLED BY DIV 23, CIRCUITED BY DIV 26). 120V SMOKE DAMPER (FURNISHED & INSTALLED BY DIV 23, CIRCUITED BY DIV 26). 120V MOTORIZED DAMPER (FURNISHED & INSTALLED BY DIV 23, CIRCUITED BY DIV 26). EMERGENCY RELAY. PUSHBUTTON		

	DISTRIBUTION DEVICES DASHED LINES ADJACENT TO EQUIPMENT INDICATES CLEARANCES. HEAVY DUTY DISCONNECT SWITCH. PROVIDE NEMA 3R ENCLOSURES FOR EXTERIOR DISCONNECTS. • NUMBERS INDICATE AMP FRAME / # POLES / AMP FUSE. • 'NF' INDICATES NON-FUSIBLE. 120 / 208V PANELBOARD, SURFACE OR RECESS MOUNTED. SEE SCHEDULE FOR DETAILS. 277 / 480V PANELBOARD, SURFACE OR RECESS MOUNTED. SEE SCHEDULE FOR DETAILS. TRANSFORMER. SWITCHBOARD, SEE SCHEDULE FOR DETAILS. SURGE PROTECTIVE DEVICE. UTILITY METER ENCLOSED CIRCUIT BREAKER
	SECURITY INFRASTRUCTURE ALL CONDUITS INDICATED BELOW SHALL BE ROUTED TO THE SECURITY PANEL IN THE COMM ROOM. COORDINATE W/ SECURITY INSTALLER FOR LOCATION OF SECURITY PANEL. CCTV CAMERA. ACCESS CONTROL PANEL. CARD READER, OUTLET BOX AT 3'-10" AFF. DOOR CONTACT. MAGNETIC LOCK. PUSH BUTTON, OUTLET BOX AT 3'-10" AFF. GATE CONTACT. REQUEST TO EXIT. ELECTRIC STRIKE. MOTION SENSOR. GLASS BREAK SENSOR.

MC CABLE	
THE USE OF MC CABLE IS ALLOWED ON THIS PROJECT SUBJECT TO THE LIMITATIONS SET FORTH BELOW AND ACCORDING TO PARAMETERS SET FORTH IN NEC 70 ARTICLE 330.	
1	MC CABLE CAN BE USED TO CONNECT LUMINAIRES INSTALLED WITHIN AN ACCESSIBLE CEILING TO A JUNCTION BOX WHEN THE LENGTH DOES NOT EXCEED SIX FEET. IN SUCH INSTALLATIONS, THE MC CABLE FITTINGS SHALL BE PERMITTED AS MEANS OF CABLE SUPPORT.
2	MC CABLE CAN BE USED TO CONNECT DEVICES INSTALLED CONCEALED INSIDE A WALL CAVITY.
3	MC CABLE CAN BE USED TO CONNECT THE LAST DEVICE IN A CIRCUIT TO A HOMERUN JUNCTION BOX MOUNTED ON OR ADJACENT TO THE FRAMING TOP PLATE.
4	MC CABLE USE SHALL BE LIMITED TO #12 AND #10 COPPER CONDUCTORS.
5	MC CABLE SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES AND FRAMING MEMBERS.
6	MC CABLE SHALL BE USED FOR BRANCH CIRCUITS ONLY. HOMERUNS SHALL BE IN CONDUIT.
7	MC CABLE SHALL BE PROTECTED WHEN INSTALLED THROUGH OR RUN PARALLEL TO FRAMING MEMBERS SO THAT THE NEAREST OUTSIDE SURFACE IS AT LEAST 1 1/4" FROM THE NEAREST EDGE OF THE FRAMING MEMBER. WHEN THIS DISTANCE CAN NOT BE MAINTAINED, THE CABLE SHALL BE PROTECTED FROM SCREW OR NAIL PENETRATION BY A STEEL PLATE, SLEEVE OR EQUIVALENT OF AT LEAST 1/16" THICK.
8	THE RADIUS OF INNER BEND IN CORRUGATED SHEATH MC CABLE SHALL E GREATER THAN 4" FOR MC CABLE CONTAINING #12 CONDUCTORS AND 4.5" FOR MC CABLE CONTAINING #10 CONDUCTORS.
9	MC CABLES SHALL BE SUPPORTED AT LEAST EVERY 6' & WITHIN 12" OF EVERY BOX, FITTING OR OTHER TERMINATION.
10	MC CABLE SHALL BE REPLACED WHEN THE CORRUGATED SHEATH HAS SEPARATED AND IS NO LONGER INTERLOCKED.
11	MEDICAL GRADE MC CABLE SHALL BE USED IN PATIENT CARE SPACES BUT NOT IN BUSINESS OFFICES, CORRIDORS, LOUNGES, WAITING ROOMS AND SIMILAR AREAS PER 517.10(B).
12	MC LUMINARY CABLE SHALL BE USED WHEN CONNECTING A DIMMING DEVICE TO DIMMABLE LUMINAIRES.

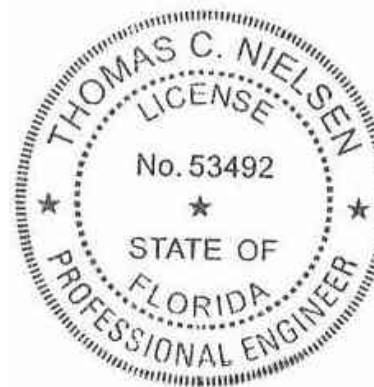
GENERAL SYMBOLS	
	PLAN OR DETAIL NO. SHEET NUMBER
	KEYED NOTE TO PLAN
	REVISION NUMBER
	NORTH ARROW



10175 Fortune Parkway, Suite 701
Jacksonville, FL 32254
p 904.683.9201 f 904.683.9702
www.kasperarch.com
FL License No.: AA26000802



formerly McVigh & Mangum Engineering
www.IMEGCorp.com
9133 E.C. Skinner Parkway
Jacksonville, Florida 32216
Ph: (904) 483-5200 Fax: (904) 636-6700
email: mail@McVighMangum.com
CA 6330
Eng. of Record: Thomas C. Nielsen
License No.: 53492



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BUSY BEE
ELLISVILLE

136 SW WEBBS GLN
LAKE CITY, FL 32024

PROJECT NO.: 22024

DATE: 06/02/2025

PRIOR ISSUES:

LEGEND AND
GENERAL NOTES

E0.1a

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100%
CONSTRUCTION
DOCUMENTS

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ELECTRICAL GENERAL NOTES

- 1
- CONTRACTOR SHALL BE LICENSED BY THE STATE OF FLORIDA ACCORDING TO CHAPTER 489, FLORIDA STATUTES AND SHALL PROVIDE FOR AND ACQUIRE ALL NECESSARY PERMIT(S) AND INSPECTIONS AS MAY BE REQUIRED BY THE AHJ.
- 2
- INSTALLATION SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE APPLICABLE CODES AS ADOPTED BY THE JURISDICTION.
- 3
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY TO PROVIDE FOR THE INSTALLATION OF A COMPLETE ELECTRICAL SYSTEM.
- 4
- THE CONTRACTOR SHALL MAKE A THOROUGH EXAMINATION OF THE SITE CONDITIONS AND CONTRACT DOCUMENTS.
- 5
- THE CONTRACTOR SHALL COORDINATE METERING, TRANSFORMER AND SERVICE CONNECTION REQUIREMENTS WITH THE APPROPRIATE UTILITIES.
- 6
- PROVIDE ANY AND ALL NECESSARY TEMPORARY CONNECTIONS OF EQUIPMENT, DEVICES OR LUMINAIRES AS MAY BE REQUIRED FOR CONSTRUCTION.
- 7
- CONDUIT SHALL BE INSTALLED CONCEALED, RECESSED AND IN A NEAT AND WORKMANLIKE MANNER. ALL CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES. EXPOSED CONDUIT ON EXTERIOR WALLS OF FINISHED WALLS IS PROHIBITED.
- 8
- CONDUIT SHALL BE EMT AND FITTINGS SHALL BE STEEL. FOR UNDERGROUND AND UNDER SLAB INSTALLATIONS, CONDUIT SHALL BE PVC OR IMC W/AN ASPHALTIC COATING. ENT OR "SMURF" TUBING IS NOT APPROVED.
- 9
- EACH PANEL BOARD AND DISCONNECTING MEANS SHALL BE MARKED TO INDICATE ITS PURPOSE, FEED, AND OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED
- 10
- SEAL ALL CONDUITS WHERE THE CONDUIT CONNECTS AN INTERIOR CONDUIT BODY TO AN EXTERIOR CONDUIT BODY OR LUMINAIRE.
- 11
- PROVIDE A MINIMUM 1 1/2" SPACE BETWEEN METAL CORRUGATED SHEET ROOF DECKING AND ANY CABLE, CONDUCT OR BOX PER NEC 300.4(E).
- 12
- UNDERGROUND PVC CONDUIT SHALL BE A LEAST 12" UNDER SIDEWALKS, 24" UNDER PARKING LOTS & DRIVEWAYS AND 18" IN ALL OTHER LOCATIONS PER NEC 300.5.
- 13
- PROVIDE SUFFICIENT SPACING BETWEEN CONDUITS TO ALLOW APPROPRIATE COMPACTION AND HEAT DISSIPATION.
- 14
- ALL UNDERGROUND CONDUITS AND CONDUCTORS SHALL BE MARKED WITH A DETECTABLE WARNING RIBBON AT LEAST 12" ABOVE THE CONDUIT OR CONDUCTOR PER NEC 300.5(D)(3).
- 15
- CONDUCTORS IN CONDUIT INSTALLED EXPOSED TO DIRECT SUNLIGHT SHOULD BE DE-RATED DEPENDING ON THE DISTANCE BETWEEN THE ROOF & BOTTOM OF CONDUIT PER NEC 310.15(B)2 & SHOULD BE INSTALLED USING THE APPROPRIATE SPACER.
- 16
- PROVIDE AN INDEPENDENT MEANS OF SUPPORT FOR CONDUIT INSTALLED ABOVE A CEILING WHERE THE SUPPORTS ARE DISTINGUISHABLE BY COLOR, TAGGING OR OTHER EFFECTIVE MEANS. THE CEILING SUPPORT SYSTEM SHALL BE PERMITTED TO SUPPORT BRANCH CIRCUIT WIRING WHERE INSTALLED IN ACCORDANCE WITH THE CEILING MANUFACTURER'S INSTRUCTIONS.
- 17
- PROVIDE AN INSULATED THROAT FITTING OR PLASTIC BUSHING FOR ALL 1" & LARGER CONDUIT TERMINATIONS IN PANELBOARDS, WIREWAYS AND DISCONNECT SWITCHES.
- 18
- PROVIDE GROUNDING BUSHINGS FOR ANY CONDUIT TERMINATIONS AT ECCENTRIC AND CONCENTRIC KNOCKOUTS IN DISCONNECTS, PANELBOARDS & LOADCENTERS OR WHEN REDUCING WASHERS ARE USED.
- 19
- BOND ALL JUNCTION AND PULL BOXES TO GROUND.
- 20
- ALL WIRE SHALL BE COPPER THHN, THWN OR XHHW UON. MINIMUM WIRE SIZE IS #12. AMPACITIES ARE CALCULATED USING THE 75°C COLUMN. SERIES 8000 COMPACT ALUMINUM CONDUCTORS OF EQUIVALENT OR GREATER AMPACITY TO THE COPPER CONDUCTORS SCHEDULED SCHEDULED MAY BE USED FOR LOADS OVER 100A.
- 21
- REFER TO BRANCH CIRCUIT SCHEDULE FOR MAXIMUM LENGTHS OF CONDUCTORS.
- 22
- ALL WIRING DEVICES SHALL BE TERMINATED AT THE SCREW IN A CLOCKWISE DIRECTION. THE PUSH-IN TERMINATIONS SHALL NOT BE USED.
- 23
- VOLTAGE DROP SHALL NOT EXCEED 3% FOR EACH END DEVICE FROM THE TRANSFORMER AND INCLUDE ALL BRANCH AND FEEDER CIRCUITS.
- 24
- MOTOR STARTING SWITCHES MAY BE ELIMINATED AT DUCT HEATERS AND VAV BOXES IF A DISCONNECTING MEANS HAS BEEN PROVIDED WITH THE EQUIPMENT.
- 25
- INSTALL A FULL SIZE NEUTRAL TO ALL DEVICES INCLUDING SWITCHES.
- 26
- TERMINATE NO MORE THAN ONE WIRE PER TERMINAL PER NEC 110.14A.
- 27
- CONDUCTORS SHALL BE TWISTED TOGETHER PRIOR TO INSTALLATION OF WIRE NUT.
- 28
- REFER TO DATA/COMM DETAIL FOR EXTENT OF INSTALLATION REQUIRED.
- 29
- ALL BOXES SHALL BE A 4" SQUARE METAL BOX WITH THE APPROPRIATE RING. THE MAXIMUM GAP AROUND ANY RECESSED BOX SHALL NOT EXCEED 1/8" AND THE MAXIMUM SETBACK SHALL NOT EXCEED 1/4" PER NEC 314.20 & 314.21.
- 30
- VERIFY DOOR SWINGS AND BACK SPLASH HEIGHTS AT ROUGH IN.
- 31
- STAGGER BACK TO BACK WALL BOXES IN ALL WALLS BY AT LEAST ONE STUD.
- 32
- ALL CONDUIT CUT ENDS SHALL BE REAMED PER NEC 358.28
- 33
- ALL EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT PER NEC 406(D)6.
- 34
- AT ROUGH IN, INSTALL ARLINGTON "IN BOX" WHERE AN IN USE COVER IS REQUIRED.
- 35
- PROVIDE IN USE COVERS FOR ELECTRICAL DEVICES INSTALLED IN DAMP AND WET AREAS WITH THE APPROPRIATE DUTY PER NEC 406.9.
- 36
- ALL PANEL BOARD BUS SHALL BE COPPER.
- 37
- WHEN AVAILABLE, ALL BREAKERS SHALL BE THE BOLT ON TYPE.
- 38
- PROVIDE A TYPED PANEL SCHEDULE REFLECTING INSTALLED CONDITIONS FOR ALL PANELBOARDS WITH "SPACE" OR "SPARE" WRITTEN IN PENCIL.
- 39
- INSTALL PANELS AND DISCONNECTS SO THAT AT LEAST 3½ FEET OF WORKING SPACE CAN BE MAINTAINED PER NEC 110.26.
- 40
- ELECTRICAL EQUIPMENT SUPPORT WIRES SHALL BE TAUT & FASTENED AT BOTH ENDS.
- 41
- "TYPICAL" NOTES APPLY TO ALL SIMILAR SITUATIONS.
- 42
- PROVIDE A DISCONNECTING MEANS FOR EACH WATER HEATER PER FPC 504.3.
- 43
- LABEL ALL JUNCTION BOX COVERS WITH CIRCUITS DESIGNATION CONTAINED WITHIN.
- 44
- PROVIDE OPERATING AND INSTALLATION INSTRUCTIONS TO THE OWNER FOR ALL INSTALLED EQUIPMENT.
- 45
- AN FS BOX IS NOT APPROVED AS A SUPPORT FOR A LUMINAIRE.
- 46
- LUMINAIRES INSTALLED IN SUSPENDEED CEILINGS SHALL BE FASTENED TO THE CEILING FRAMING MEMBERS WITH LISTED CLIPS IN ACCORDANCE WITH NEC 410.36(B).
- 47
- PROVIDE THE APPROPRIATE FIRE STOP SYSTEM AND/OR FIRE CAULK AT ANY PENETRATION OF A RATED VERTICAL ASSEMBLY.
- 48
- PENETRATIONS OF A RATED HORIZONTAL ASSEMBLY WITH A METAL CONDUIT NOT EXCEEDING 6 INCH NOMINAL DIAMETER, INSTALL CONCRETE, GROUT, OR MORTAR THE FULL THICKNESS OF THE FLOOR AS REQUIRED BY FBC 713.4.1.1 SO TO MAINTAIN THE FIRE RESISTANCE RATING. FOR MULTIPLE PENETRATIONS, REFER TO THE FBC.
- 49
- ALL JUNCTION BOXES ARE TO BE ACCESSIBLE PER NEC ARTICLE 100.
- 50
- NOT ALL ITEMS, NOTES, DETAILS, ABBREVIATIONS, SCHEDULES AND LEGENDS ON THIS SHEET MAY BE APPLICABLE TO THIS PROJECT.
- 51
- CONDUIT TERMINATION AT NEMA 3R ENCLOSURES SHALL BE WITH A MYERS HUBS FOR TOP PENETRATIONS AND LIQUID TIGHT SEALING RINGS OR SEALING LOCKNUTS FOR SIDE PENETRATIONS.
- 52
- INSTALL ALL PLATES SO EDGES ARE FLUSH WITH WALL SURFACE.
- 53
- FOR ALL LED LUMINAIRES, MARK EACH FIXTURE WITH TAG #, MANUFACTURER, MODEL NUMBER, INSTALLATION DATE, INSTALLING CONTRACTOR AND LENGTH OF WARRANTY.
- 54
- PROVIDE AND INSTALL ALL NECESSARY JUNCTION BOXES, SHOWN AND NOT SHOWN, THAT MAY BE REQUIRED FOR A COMPLETE AND ACCESSIBLE CODE COMPLIANT INSTALLATION.
- 55
- RECEPTACLES INSTALLED WITHIN 6' OF WATER SOURCE SHALL BE GFCI PROTECTED IRREGARDLESS OF PLAN DESIGNATION. COORDINATE INSTALLATION OF RECEPTACLES SHOWN ADJACENT TO MILLWORK WITH ARCHITECTURAL ELEVATIONS SO THEY ARE ACCESSIBLE. LOCATIONS SHOWN ON PLAN ARE DIAGRAMMATIC.
- 56
- INSTALL A BOX AND SUPPORT FOR A 70LB DYNAMIC LOAD AT ALL CEILING FANS AND LOCATIONS WHERE A FAN MIGHT BE INSTALLED IN THE FUTURE.
- 57
- WHERE A LUMINAIRE IS INSTALLED MOUNTED TO A BOX, INSTALL A BOX AND SUPPORT RATED FOR A 50LB STATIC LOAD. SUCH LUMINAIRES INCLUDE BUT ARE NOT LIMITED TO EXIT LIGHTS, EGRESS LIGHTING, WALL PACS & WALL MOUNTED STRIPS.
- 58
- WHERE A CONDUCTOR IS TOO LARGE TO TERMINATE TO A BREAKER OR DISCONNECT, PROVIDE AND INSTALL A STEP DOWN COMPRESSION ADAPTOR OR COUPLER REDUCER.
- 59
- WHERE THREADS ARE FIELD CUT, COAT THE THREADS WITH AN APPROVED CORROSION RESISTANT ELECTRICALLY CONDUCTIVE COMPOUND PER NEC 300.6(A).
- 60
- WHERE A TWO POLE OCCUPANCY SENSOR OR MULTIPLE SWITCHES ARE INSTALLED, THE BUTTON OR SWITCH CLOSEST TO THE DOOR SHALL OPERATE THE LIGHT OF THE ROOM BEING ENTERED.

ELECTRICAL GENERAL NOTES (CONT)

- 61
- WALL LUMINAIRES SHALL BE INSTALLED AFTER WALL FINISHES HAVE BEEN APPLIED.
- 62
- STRUT INSTALLED ABOVE MULTIPLE PANELBOARDS SHALL BE CONTINUOUS IN LIEU OF MULTIPLE SHORT PIECES.
- 63
- PROVIDE HACR BREAKERS FOR ALL HVAC EQUIPMENT.
- 64
- PROVIDE GFCI BREAKERS FOR DRINKING FOUNTAINS.
- 65
- PROVIDE DUAL FUNCTION, GFCI/AFCI BREAKERS FOR DISHWASHERS.
- 66
- PROVIDE AFCI BREAKERS FOR ALL RESIDENTIAL AREAS EXCEPT RESTROOMS AND EXTERIOR USES AS REQUIRED BY NEC 210.12.
- 67
- PROVIDE AS BUILT DRAWINGS AND A COPY OF APPROVED SHOP DRAWINGS UPON COMPLETION PER FLORIDA ENERGY CODE C408.3.2.
- 68
- INSTALL LUMINAIRES WITH BATTERY TEST SWITCHES WITH THE TEST BUTTON DOWN.
- 69
- INSTALL EXIT LIGHTS WITH 2" BETWEEN THE BOTTOM OF THE EXIT AND THE DOOR JAMB, UNO.
- 70
- PROVIDE BLANK PLATES FOR ALL UNUSED BOXES.
- 71
- WHERE THE ELECTRICAL PLANS SHOW THE CONNECTION OF AN EXHAUST HOOD, ADDITIONAL DIRECTION OF WORK TO BE COMPLETED BY THE ELECTRICAL CONTRACTOR WILL BE FOUND IN THE MECHANICAL CONSTRUCTION DOCUMENTS AND SHALL BE PART OF THE BASE BID.
- 72
- THE CONSTRUCTION AND INSTALLATION OF THE PRIMARY ELECTRIC CONDUIT, TRANSFORMER, TRANSFORMER PAD AND METERING ARE SHOWN DIAGRAMMATIC. THE DIRECTION SET FORTH BY THE LOCAL ELECTRIC UTILITY IN ITS DESIGN MANUALS AND SPECIFICATIONS IS APPLICABLE AND BECOMES PART OF THESE CONSTRUCTION DOCUMENTS.



10175 Fortune Parkway, Suite 701
Jacksonville, FL 32256

p 904.683.9201 f 904.683.9702

www.kasperarch.com

FL License No.: AA26000802



formerly McVigh & Mangum Engineering

www.IMEGcorp.com

9133 E.G. Skinner Parkway

Jacksonville, Florida 32256

Ph: (904) 483-5200 Fax: (904) 483-6700

email: mail@McVighMangum.com

CA 6550

Eng. of Record Thomas C. Nielsen

License No.: 53492



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BUSY BEE
ELLISVILLE

136 SW WEBBS GLN

LAKE CITY, FL 32024

PROJECT NO.: 22024

DATE: 06/02/2025

PRIOR ISSUES:

ELECTRICAL
GENERAL NOTES

E0.1b

DRAWN BY: IMEG

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100%

CONSTRUCTION

DOCUMENTS

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KITCHEN EQUIPMENT SCHEDULE															
REVISION	ITEM NO	QTY	EQUIPMENT CATEGORY	EQUIPMENT REMARKS	VOLTS	CYCLE	PHASE	DIRECT	CORD/PLUG	NEMA	AMPS	KW	HP	ELECTRICAL AFF. (IN)	ELECTRICAL REMARKS
	001	1	WALK-IN COOLER AND FREEZER	REFER TO SHOP DRAWINGS	(3)115	60	1	X			(2)15			114	VERIFY WITH SHOP DRAWINGS
	001.1	1	COOLER EVAPORATOR COIL	REFER TO SHOP DRAWINGS	115	60	1	X			1.6			114	VERIFY WITH SHOP DRAWINGS
	001.2	1	COOLER CONDENSING UNIT	REFER TO SHOP DRAWINGS	208-230	60	1	X			--	--		TBD	VERIFY WITH SHOP DRAWINGS
	001.3	1	FREEZER EVAPORATOR COIL	REFER TO SHOP DRAWINGS	208-230	60	1	X			9.8			114	VERIFY WITH SHOP DRAWINGS
	001.4	1	FREEZER CONDENSING UNIT	REFER TO SHOP DRAWINGS	208-230	60	1	X			--	--		TBD	VERIFY WITH SHOP DRAWINGS
	100	3	CABINET, MOBILE, WARMING & HOLDING		120	60	1	X		5-15P	8.0	1.0		18	
	103	1	UNDERBAR PASS-THRU COOLER		120	60	1	X		5-15P	3.5		1/4	18	
	104	1	CHOCOLATE MELTER		120	60	1	X		5-15P	1.1	0.1		--	TABLE SURFACE MOUNTED OUTLET
	105	1	CHOCOLATE TEMPORING MACHINE		120	60	1	X		5-15P	7.0			18	
	108	1	RAPID COOK SERIES		208	60	1	X		L6-20	20.0	3.6		48	
	200	1	EXHAUST HOOD	REFER TO SHOP DRAWINGS	120	60	1	X			15.0			DFA	* POWER FROM ITEM 200.1; EXTEND TO LIGHT FIXTURES. VERIFY W/SHOP DRAWINGS
					120	60	1	X			15.0			DFA	POWER FOR CONTROLS; VERIFY W/SHOP DWGS.
	200.1	1	HOOD CONTROL CENTER	MOUNTED ON TOP OF HOOD; REFER TO SHOP DRAWINGS	120	60	1	X			15.0			DFA	POWER FOR HOOD LIGHTS; VERIFY W/SHOP DWGS.
					208	60	3	X		--				DFA	POWER FOR EXHAUST FAN; VERIFY W/SHOP DWGS.
					208	60	3	X		--				DFA	POWER FOR SUPPLY FAN; VERIFY W/SHOP DWGS.
	200.2	1	EXHAUST FAN	REFER TO SHOP DRAWINGS, KEF-1	208	60	3	X			10.6	3.8	3.0	DFA	POWER FROM ITEM 200.1; 20 AMP BREAKER
	200.3	1	SUPPLY FAN	REFER TO SHOP DRAWINGS, KMAU-1 (MAU)	208	60	3	X			50.6		3.0	DFA	POWER FROM ITEM 200.1; 70 AMP BREAKER
	202	1	FREEZER BASE, SELF-CONTAINED		115	60	1	X		5-20P	15.0	3.6	3/4	18	
	202.1	1	GRIDDLE, HEAVY DUTY, GAS		120	60	1	X		5-15P	0.5			18	
					208	60	1	X		6-15P	4.3	0.9		18	15 AMP BREAKER
			OVEN-STEAMER, COMBINATION, GAS		208	60	1	X		6-15P	4.3	0.9		48	15 AMP BREAKER
	204	1	WATER FILTER EQUIPMENT STAND		208	60	1	X		6-15P	4.3	0.9		48	15 AMP BREAKER
	205	1	OVEN-STEAMER, COMBINATION, GAS WATER FILTER SYSTEM		208	60	1				10.6	2.2		18	15 AMP BREAKER
	206	1	TILT SKILLET		120	60	1	X		5-15P	9.0			18	
	207	1	FRYER BATTERY, DEEP FAT, GAS W/FILTER		115	60	1	X		5-15P	7.0		1/3	18	
					115	60	1	X		5-15P	2.0			18	
	208	1	FREEZER, REACH-IN, LEFT HINGE		120	60	1	X		5-15P	7.6		1/2	84	
	300	1	REFRIGERATOR, REACH-IN		120	60	1	X		5-15P	5.9		1/4	84	
	303	1	REFRIGERATOR, UNDERCOUNTER		115	60	1	X		5-15P	2.5		1/5	18	
	304	1	SLICER, FOOD		115	60	1	X		5-15P	2.5		1/4	18	
	402	2	REFRIGERATOR, REACH-IN		120	60	1	X		5-15P	6.1		1/3	84	
	404	1	DROP-IN, COLD PAN		120	60	1	X		5-15P	3.7		1/4	--	INSTALLED IN TABLE ITEM No. 403
	406	1	DROP-IN, HOT WELLS NARROW		120	60	1	X		5-20P	17.0	2.0		--	INSTALLED IN TABLE ITEM No. 405
	406.1	1	DROP-IN, HOT WELLS		115	60	1	X		5-15P	8.3	1.0		--	INSTALLED IN TABLE ITEM No. 405
	408	2	VACUUM PACKAGING MACHINE		110-120	60	1	X		5-15P	9.5		3/4	--	TABLE SURFACE MOUNTED OUTLET
	501	1	REFRIGERATOR, WORKTOP		115	60	1	X		5-15P	2.5		1/5	18	
	502	1	DOUGH DIVIDER/ROUNDER		115	60	1	X		5-15P	7.5		3/4	18	
	503	1	DOUGH DIVIDER		115	60	1							18	AMPS TO BE DETERMINED
	504	2	MIXER, SPIRAL		208	60	3	X			34.5		6.0	18	
	505	1	WATER METER		115	60	1	X		5-15P	1.0			72	
	700	4	CABINET, MOBILE, WARMING & HOLDING		120	60	1	X		5-20P	16.0	1.9		78	
	701	2	REFRIGERATOR, REACH-IN		120	60	1	X		5-15P	8.1		1/3	84	
	801	6	PIZZA DOUGH PRESS		220	60	1	X			20.0	4.0		48	
	804	3	PIZZA OVEN		240	60	3	X		14-50R	50.0			48	
	806	3	REFRIGERATOR, PIZZA PREP		115	60	1	X		5-15P	7.4		1/3	18	
	902	1	WAREWASHER, DOOR TYPE, HIGH TEMP	W/BOOSTER HEATER	208	60	3	X			49.0			74	* JB @12" ABOVE FINISHED CEILING. CONNECTED TO NEMA-3R DISCONNECT SWITCH
	902.2	1	EXHAUST FAN	REFER TO SHOP DRAWINGS	115	60	1	X		--				TBD	INTER. W / WAREWASHER, VRFY W/SHOP DWGS
	907	1	ICE MAKER W/O BIN		208-230	60	1	X			11.8			48	20 AMP DEDICATED CIRCUIT
	CO	TBD	CONVENIENCE OUTLET (BY OTHERS)		115	60	1	X		5-15P	15.0			48	

CENTER STAGE EQUIPMENT SCHEDULE																	
REVISION	ITEM NO	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS	VOLTS										
	A350	1	SERVICE ISLAND WITH GRANITE TOP (CBI CUSTOM)	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	A351	1	SINK, DROP-IN, HAND	JOHN BOOS & CO.	PS-DISINK282012												
	A352	2	RACK, HALF HEIGHT	CHANNEL MANUFACTURING	432A												
	A353	1	KETTLE, ELECTRIC, COUNTERTOP	CALICO COTTAGE / GROEN	T08-8		120	60	1			X/5-15P	2.5				SURFACE MOUNT (TO BE VERIFIED)
	A354	2	OVEN, MICROWAVE	ACP, INC.	RC5S11D5E		230	50	1			X	5-15P	15.0	15.5		SURFACE MOUNT (TO BE VERIFIED)
	A355	1	REFRIGERATOR, UNDERCOUNTER	CONTINENTAL REFRIGERATOR	SW36N-FB		115	60	1			X/5-15P	2.5			18	
	A356	2	BLENDING POT	GOLD MEDAL PRODUCTS CO.	2703-00-0000		120	60	1			X/5-15P	3.1	3.8			SURFACE MOUNT (TO BE VERIFIED)
	A357	1	TWIN KETTLE PRO PLANT STAND	GOLD MEDAL, PRODUCTS CO.	2791-00-101												
	A358	1	CORNADO POPPING UNIT	GOLD MEDAL, PRODUCTS CO.	2410-00-210	INSTALLED RIGHT SIDE	120/208	60	1			X/L14-30P	30.0	54.0			SURFACE MOUNT (TO BE VERIFIED)
			CORNADO POPPING UNIT	GOLD MEDAL, PRODUCTS CO.	2410-00-220	INSTALLED LEFT SIDE	120/208	60	1			X/L14-30P	30.0	54.0			SURFACE MOUNT (TO BE VERIFIED)
	A359	1	SLIDE-OUT SHELF (CBI CUSTOM)	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	A360	1	HEAT HOOD	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	B300	1	SERVICE ISLAND WITH GRANITE TOP (CBI CUSTOM)	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	B301	3	NUT ROASTER	CALICO COTTAGE	EP8000043		120	60	1			X/5-20P	15.0	18.0			SURFACE MOUNT (TO BE VERIFIED)
	B302	2	OVEN, MICROWAVE	ACP, INC.	RC3511D5E		230	50	1			X	5-15P	15.0	15.5		SURFACE MOUNT (TO BE VERIFIED)
	B303	3	REFRIGERATOR, UNDERCOUNTER	CONTINENTAL REFRIGERATOR	SW36N-FB		115	60	1			X/5-15P	2.5		1/5	18	
	B304	2	RACK, HALF HEIGHT	CHANNEL MANUFACTURING	430A												
	B305	1	KETTLE, ELECTRIC, COUNTERTOP	CALICO COTTAGE / GROEN	T08-8		120	60	1			X/5-15P	2.5				SURFACE MOUNT (TO BE VERIFIED)
	B306	2	SINK, DROP-IN, HAND	JOHN BOOS & CO.	PS-DISINK282012												
	B307	1	SLIDE-OUT SHELF (CBI CUSTOM)	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	B308	2	BLENDING POT	GOLD MEDAL PRODUCTS CO.	2703-00-0000		120	60	1			X/5-15P	3.1	3.8			SURFACE MOUNT (TO BE VERIFIED)
	C250	1	SERVICE ISLAND WITH GRANITE TOP	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	C251	1	LABEL PRINTING SCALE	PENN SCALE	CL5500B-30		100-240	60	1			X/TBD	4.0				SURFACE MOUNT (TO BE VERIFIED)
	C252	2	RACK, HALF HEIGHT	CHANNEL MANUFACTURING	430A												
	D200	1	SERVICE ISLAND WITH GRANITE TOP	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	D201	1	LABEL PRINTING SCALE	PENN SCALE	CL5500B-30		100-240	60	1			X/TBD	4.0				SURFACE MOUNT (TO BE VERIFIED)
	D202	2	RACK, HALF HEIGHT	CHANNEL MANUFACTURING	430A												
	E450	1	SERVICE ISLAND WITH GRANITE (CBI CUSTOM)	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	E451	1	LABEL PRINTING SCALE	PENN SCALE	CL5500B-30		100-240	60	1			X/TBD	4.0				SURFACE MOUNT (TO BE VERIFIED)
	F400	1	SERVICE ISLAND GRANITE TOP (BY OTHERS)	CBI CUSTOM	CUSTOM FAB	REFER TO SHOP DRAWINGS WHEN AVAILABLE											
	F401	1	LABEL PRINTING SCALE	PENN SCALE	CL5500B-30		100-240	60	1			X/TBD	4.0				SURFACE MOUNT (TO BE VERIFIED)
	F402	2	CONNECTION OVEN	WISCO INDUSTRIES, INC.	621		115	60	1			X/5-15P 10-9	13.0				SURFACE MOUNT (TO BE VERIFIED)
	G100	2	DISPLAY CASE, REFRIGERATED (SIZE TO BE DETERMINED)	FEDERAL INDUSTRIES	TO BE DETERMINED		115	60	1			X/5-15P 12-0			1/2	18	
	G101	2	DISPLAY CASE, REFRIGERATED (SIZE TO BE DETERMINED)	FEDERAL INDUSTRIES	TO BE DETERMINED		115	60	1			X/5-15P 12-0			1/2	18	
	G102	2	AMBIENT CASE (SIZE TO BE DETERMINED)	FEDERAL INDUSTRIES	TO BE DETERMINED		115	60	1			X/5-15P	7.0			18	
	G103	2	AMBIENT CASE (SIZE TO BE DETERMINED)	FEDERAL INDUSTRIES	TO BE DETERMINED		115	60	1			X/5-15P	7.0			18	
	G104		SPARE NUMBER														
	G105		SPARE NUMBER														
	G108	2	3 SECTION ELITE STORAGE CABINET	QOO METAL PRODUCTS CO	2887-00-030		120	60	1			X/5-15P 13-0		0.9			15 AMP DED. CIR. / SURFACE MOUNT (TO BE VER.)
	G107	1	MILLWORK SALES COUNTER W/ GRANITE TOP (BY OTHERS)	BY OTHERS	BY OTHERS	REFER TO ARCH. DRAWINGS WHEN AVAILABLE											
	G108	1	MILLWORK SALES COUNTER W/ GRANITE TOP (BY OTHERS)	BY OTHERS	BY OTHERS	REFER TO ARCH. DRAWINGS WHEN AVAILABLE											
	G109	1	MILLWORK SALES COUNTER W/ GRANITE TOP (BY OTHERS)	BY OTHERS	BY OTHERS	REFER TO ARCH. DRAWINGS WHEN AVAILABLE											
	G110	1	MILLWORK SALES COUNTER W/ GRANITE TOP (BY OTHERS)	BY OTHERS	BY OTHERS	REFER TO ARCH. DRAWINGS WHEN AVAILABLE											
	G111	1	MILLWORK SALES COUNTER W/ GRANITE TOP (BY OTHERS)	BY OTHERS	BY OTHERS	REFER TO ARCH. DRAWINGS WHEN AVAILABLE											
	G112	1	MILLWORK SALES COUNTER W/ GRANITE TOP (BY OTHERS)	BY OTHERS	BY OTHERS	REFER TO ARCH. DRAWINGS WHEN AVAILABLE											
	G113	1	MILLWORK SALES COUNTER W/ GRANITE TOP (BY OTHERS)	BY OTHERS	BY OTHERS	REFER TO ARCH. DRAWINGS WHEN AVAILABLE											
	G114	48	DROP-DOWN LIGHTING / FOOD WARMERS (BY OTHERS)	BY OTHERS	BY OTHERS	REFER TO M.E.P. DRAWINGS WHEN AVAILABLE											DATA SUPPLIED BY OTHERS
	CO	TBD	CONVENIENCE OUTLET	BY OTHERS	BY OTHERS	REFER TO ARCH. DRAWINGS WHEN AVAILABLE	120	60	1			X/5-15P 15-0					SURFACE MOUNT (TO BE VERIFIED)

EQUIPMENT STARTERS AND DISCONNECTS

EQUIPMENT	HP, KW or MCA/MOCP, FLA	NOTES	VOLTAGE				STARTER				DISCONNECT MEANS				CONTROL		FEEDER SIZE			
			120V-1PH	208V-1PH	208V-3PH	277V-1PH	277V-3PH	480V-3PH	NEMA SIZE	MAGNETIC	MANUAL STARTER & CONTRACTOR MOTOR DRIVE	FLUO-ROTOR INTEGRAL OVERLOAD	IN MOTOR CONTROL CNTR SEE NOTE	DISCONNECT SWITCH FURNISHED BY	MANUAL STARTER CORD & PLUG	STARTER / DISCONNECT CIRCUIT BREAKER SEE NOTE		FURNISHED BY	MANUAL INTEGRAL SEE NOTE	FURNISHED BY
RTU-1	45 MCA/ 50 MOCP	-				+				+	ES	+				ES	-	-	(3)-#6, (1)-#10 GND IN 1" C	
RTU-2	45 MCA/ 50 MOCP	-				+				+	ES	+				ES	-	-	(3)-#6, (1)-#10 GND IN 1" C	
RTU-3	62 MCA/ 80 MOCP	-				+				+	ES	+				ES	-	-	(3)-#3, (1)-#8 GND IN 1-1/4" C	
RTU-4	106 MCA/ 125 MOCP	-				+				+	ES	+				ES	-	-	(3)-#1, (1)-#6 GND IN 1-1/2" C	
RTU-5	106 MCA/ 125 MOCP	-				+				+	ES	+				ES	-	-	(3)-#1, (1)-#6 GND IN 1-1/2" C	
RTU-6	106 MCA/ 125 MOCP	-				+				+	ES	+				ES	-	-	(3)-#1, (1)-#6 GND IN 1-1/2" C	
DOAS-7	75.3 MCA/ 80 MOCP	-				+				+	ES	+				ES	-	-	(3)-#3, (1)-#8 GND IN 1-1/4" C	
RTU-8	30 MCA/ 40 MOCP	-				+				+	ES	+				ES	-	-	(3)-#8, (1)-#10 GND IN 3/4" C	
RTU-9	12 MCA/ 15 MOCP	-				+				+	ES	+				ES	-	-	(3)-#12, (1)-#12 GND IN 3/4" C	
DOAS-10	28.7 MCA/ 30 MOCP	-				+				+	ES	+				ES	-	-	(3)-#10, (1)-#10 GND IN 3/4" C	
DSS-1/DCU-1	9 MCA/ 16 MOCP	-	+								ES	+				EC	-	-	(2)-#10, (1)-#12 GND IN 3/4" C	
RTU-10	62 MCA/ 80 MOCP	-				+					ES	+				ES	-	-	(3)-#3, (1)-#8 GND IN 1-1/4" C	
DWEF-1	15 MOCP	-	+								ES	+				EC	-	-	(2)-#12, (1)-#12 GND IN 3/4" C	
KEF-1	20 MOCP				+						ES	+				EC			(3)-#10, (1)-#12 GND IN 3/4" C	
KMAU-1	50.6 MCA/ 70 MOCP				+						ES	+				ES			(3)-#4, (1)-#8 GND IN 1-1/4" C	
ACR-1	6.9 MCA/ 15 MOCP				+						ES	+				EC			(3)-#12, (1)-#12 GND IN 3/4" C	
ES - EQUIPMENT SUPPLIER EC - ELECTRICAL CONTRACTOR MC - MECHANICAL CONTRACTOR																				

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LIGHTING SYSTEMS COMMISSIONING REQUIREMENTS

LIGHTING CONTROL SYSTEM SHALL UNDERGO FUNCTIONAL TESTING AS DESCRIBED BELOW. TESTING SHALL BE BY THE CONTRACTOR UNDER THE SUPERVISION OF A CERTIFIED REPRESENTATIVE OF THE LIGHTING CONTROL SYSTEMS MANUFACTURER(S).

PRIOR TO PASSING FINAL INSPECTION, THE LIGHTING CONTROL SYSTEMS SHALL HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS. THE CONTRACTOR SHALL SUBMIT A LETTER CERTIFYING THE SUCCESSFUL COMPLETION OF FUNCTIONAL TESTING TO THE ENGINEER AT LEAST 2 DAYS PRIOR TO FINAL INSPECTION. THIS CERTIFICATION LETTER MUST BE AVAILABLE TO THE INSPECTOR AT THE TIME OF FINAL INSPECTION.

OCCUPANT SENSOR CONTROLS

1. CERTIFY THAT THE OCCUPANT SENSORS HAVE BEEN LOCATED AND AIMED FOR PROPER COVERAGE OF THE INTENDED AREA IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.

2. FOR PROJECTS WITH SEVEN OR FEWER OCCUPANT SENSORS, EACH SENSOR SHALL BE TESTED.

3. FOR PROJECTS WITH MORE THAN SEVEN OCCUPANT SENSORS, TESTING SHALL BE DONE FOR EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY. WHERE MULTIPLES OF EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY ARE PROVIDED, NOT LESS THAN 10 PERCENT, BUT IN NO CASE LESS THAN ONE, OF EACH COMBINATION SHALL BE TESTED UNLESS THE CODE OFFICIAL REQUIRES A HIGHER PERCENTAGE TO BE TESTED. WHERE 30 PERCENT OR MORE OF THE TESTED CONTROLS FAIL, ALL REMAINING IDENTICAL COMBINATIONS SHALL BE TESTED.

FOR OCCUPANT SENSOR CONTROLS TO BE TESTED, VERIFY THE FOLLOWING:

1. WHERE OCCUPANT SENSOR CONTROLS INCLUDE STATUS INDICATORS, VERIFY CORRECT OPERATION.

2. THE CONTROLLED LIGHTS TURN OFF OR DOWN TO THE PERMITTED LEVEL WITHIN THE REQUIRED TIME.

3. FOR AUTO-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON TO THE PERMITTED LEVEL WHEN AN OCCUPANT ENTERS THE SPACE.

4. FOR MANUAL-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON ONLY WHEN MANUALLY ACTIVATED.

5. THE LIGHTS ARE NOT INCORRECTLY TURNED ON BY MOVEMENT IN ADJACENT AREAS OR BY HVAC OPERATION.

TIME-SWITCH CONTROLS

1. CONFIRM THAT THE TIME-SWITCH CONTROL IS PROGRAMMED WITH ACCURATE WEEKDAY, WEEKEND AND HOLIDAY SCHEDULES.

2. PROVIDE DOCUMENTATION TO THE OWNER OF TIME-SWITCH CONTROLS PROGRAMMING INCLUDING WEEKDAY, WEEKEND, HOLIDAY SCHEDULES, AND SET-UP AND PREFERENCE PROGRAM SETTINGS ARE AS DIRECTED BY THE OWNER.

3. VERIFY THE CORRECT TIME AND DATE IN THE TIME SWITCH.

4. VERIFY THAT ANY BATTERY BACK-UP IS INSTALLED AND ENERGIZED.

5. VERIFY THAT THE OVERRIDE TIME LIMIT IS SET TO NOT MORE THAN 2 HOURS (OR KEY SWITCH OVERRIDE PROVISION IN RETAIL APPLICATIONS).

6. SIMULATE OCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING:

a. ALL LIGHTS CAN BE TURNED ON AND OFF BY THEIR RESPECTIVE AREA CONTROL SWITCH.

b. THE SWITCH ONLY OPERATES LIGHTING IN THE ENCLOSED SPACE IN WHICH THE SWITCH IS LOCATED.

7. SIMULATE NOCUPPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING:

a. NONEXEMPT LIGHTING TURNS OFF.

b. MANUAL OVERRIDE SWITCH ALLOWS ONLY THE LIGHTS IN THE ENCLOSED SPACE WHERE THE OVERRIDE SWITCH IS LOCATED TO TURN ON OR REMAIN ON UNTIL THE NEXT SCHEDULED SHUTOFF OCCURS.

DAYLIGHT RESPONSIVE CONTROLS

1. CONTROL DEVICES HAVE BEEN PROPERLY LOCATED, FIELD CALIBRATED AND SET FOR ACCURATE SETPOINTS AND THRESHOLD LIGHT LEVELS.

2. DAYLIGHT CONTROLLED LIGHTING LOADS ADJUST TO LIGHT LEVEL SET POINTS IN RESPONSE TO AVAILABLE DAYLIGHT.

3. THE LOCATIONS OF CALIBRATION ADJUSTMENT EQUIPMENT ARE READILY ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL.

EXTERIOR LIGHTING CONTROLS

1. PHOTOCELL/SENSORS HAVE BEEN PROPERLY LOCATED, FIELD CALIBRATED AND SET FOR ACCURATE SETPOINTS AND THRESHOLD LIGHT LEVELS.

2. TIME SWITCH CONTROL AS DESCRIBED ABOVE.

3. AFTER-HOURS LIGHTING LEVEL REDUCTION IS IMPLEMENTED IN ACCORDANCE WITH THE OWNER'S SCHEDULE DIRECTION (EITHER FROM MIDNIGHT TO 6AM OR, FROM ONE HOUR AFTER TO ONE HOUR PRIOR TO BUSINESS HOURS.)

4. THE LOCATIONS OF CALIBRATION ADJUSTMENT EQUIPMENT ARE READILY ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL.

AS-BUILT DOCUMENTATION

DOCUMENTS CERTIFYING THAT THE INSTALLED LIGHTING CONTROLS MEET THE DOCUMENTED PERFORMANCE CRITERIA OF FBC ENERGY CODE SECTION C405 SHALL BE PROVIDED IN THE PROJECT AS-BUILT DOCUMENTATION. DELIVERY OF AS-BUILT DOCUMENTATION SHALL BE PROVIDED TO THE BUILDING OWNER WITHIN 30 DAYS FROM THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY.

LUMINAIRE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTS	TYPE	LUMENS	WATTS	NOTES
E	BACKLIT PANEL 2X4, 6000 lm, 4000K, 80 CRI UNV	LSI	ABP24 FS1 UNV	120-277	LED	8000	48.0	
F3WF	LED FLOOD LIGHT, 16000 lm, 4000K UNV,	LSI	TLFL 16L F UNV 40 KN	120-277	LED	16000	121.0	
P1	LED HIGH BAY LIGHT, 8000 lm, 4000K	VANTAGE LIGHTING	AGV BLEED16 80	120-277	LED	8000	85.2	
R1A	LENSED, LED DOWN LIGHT, 1100 lm	VANTAGE LIGHTING	A6VEFLED U 11	120-277	LED	1100	15.4	
R1B	LENSED, LED DOWN LIGHT, 2000 lm	VANTAGE LIGHTING	A6VEFLED U 20	120-277	LED	2000	27.2	
R1C	LENSED, LED DOWN LIGHT, 3000 lm	VANTAGE LIGHTING	A6VEFLED U 30	120-277	LED	3000	33.5	
R1D	LENSED, LED DOWN LIGHT, 2000 lm	VANTAGE LIGHTING	A6VEFLED U 20	120-277	LED	2000	27.2	
R2	SURFACESLICE DOWN LIGHT, 1000 lm	SPRING LIGHTING GROUP	DS 5R LS10 G2 UNV 9FSK	120-277	LED	1000	16.3	
R3	3 INCH WIDE RECESSED LIGHT, 600 lm, FROSTED DIFFUSE	LSI	3RLS XX LED D6L LF UE	120-277	LED	600	5.7	
S4	4 ft STRIP FIXTURE, 5390 lm, 4000K	LSI	AST 4 FS SPD UNC TCH10	120-277	LED	5390	40.0	
S8	8 ft STRIP FIXTURE, 10988 lm, 4000K	LSI	AST 8 FS SPD UNC TCH10	120-277	LED	10988	81.0	
X	VALUE -SERIES EXIT SIGN UNIVERSAL MOUNT EDGE-LIT LED	LSI	VE U 6 R/G U WB SD2	120-277	LED	N/A	5.0	
KEY NOTES				GENERAL NOTES				
1				A				
2				B				
3				C				
4				D				
5				H				

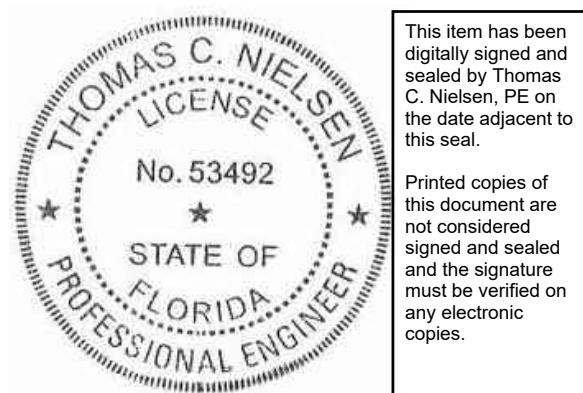
SITE LUMINAIRE SCHEDULE

TAG	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTS	TYPE	LUMENS	TOTAL FIXTURE WATTS	NOTES
A	4	GALLEON AREA AND ROADWAY LUMINAIRE (7) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III OPTICS WITH HOUSE SIDE SHIELD	COOPER	GALN-SA7D-740-U-T3-HSS	120-277	LED	39559	1732	Lumens value is per fixture head Each fixture head is 433W
P33	47	GALLEON AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III OPTICS WITH WHITE GLARE REDUCTION SHIELD	COOPER	GALN-SA2D-740-U-T3-GRSWH	120-277	LED	15879	129	
P34	5	GALLEON AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV FORWARD THROW OPTICS	COOPER	GALN-SA2D-740-U-T4FT	120-277	LED	15970	129	
P35	38	GALLEON AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV FORWARD THROW OPTICS	COOPER	GALN-SA2D-740-U-T4FT	120-277	LED	15970	258	Each fixture head is 129W
KEY NOTES					GENERAL NOTES				
1.	LIGHTING EQUALS - LSI LIGHTING V-LOCITY				A				
2					B				
3					C				
4					D				
5					H				



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ELLISVILLE

136 SW WEBBS GLN
LAKE CITY, FL 32024

PROJECT NO.: 22024

DATE: 06/02/2025

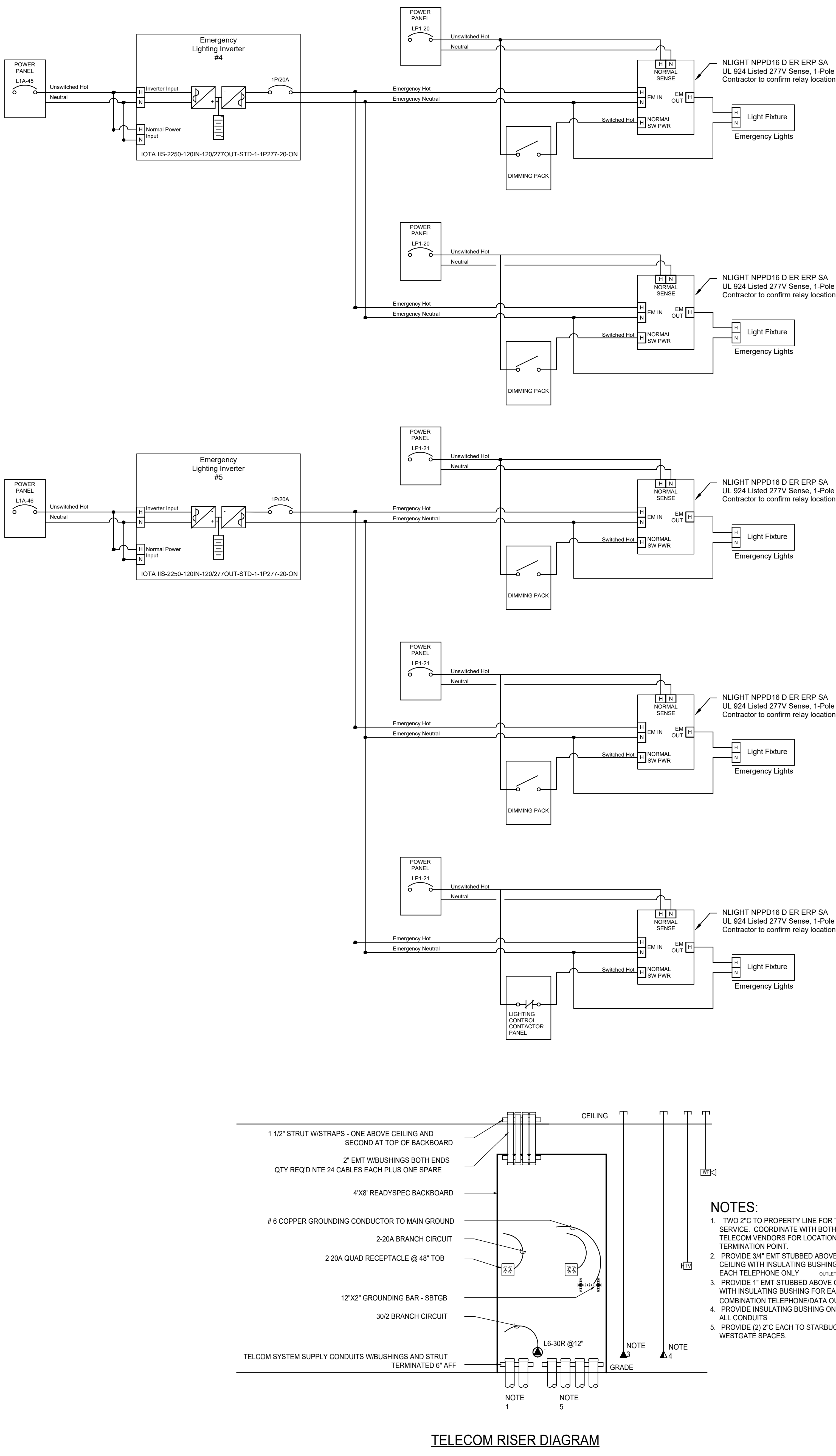
PRIOR ISSUES:

LUMINAIRE
NOTES AND
SCHEDULE

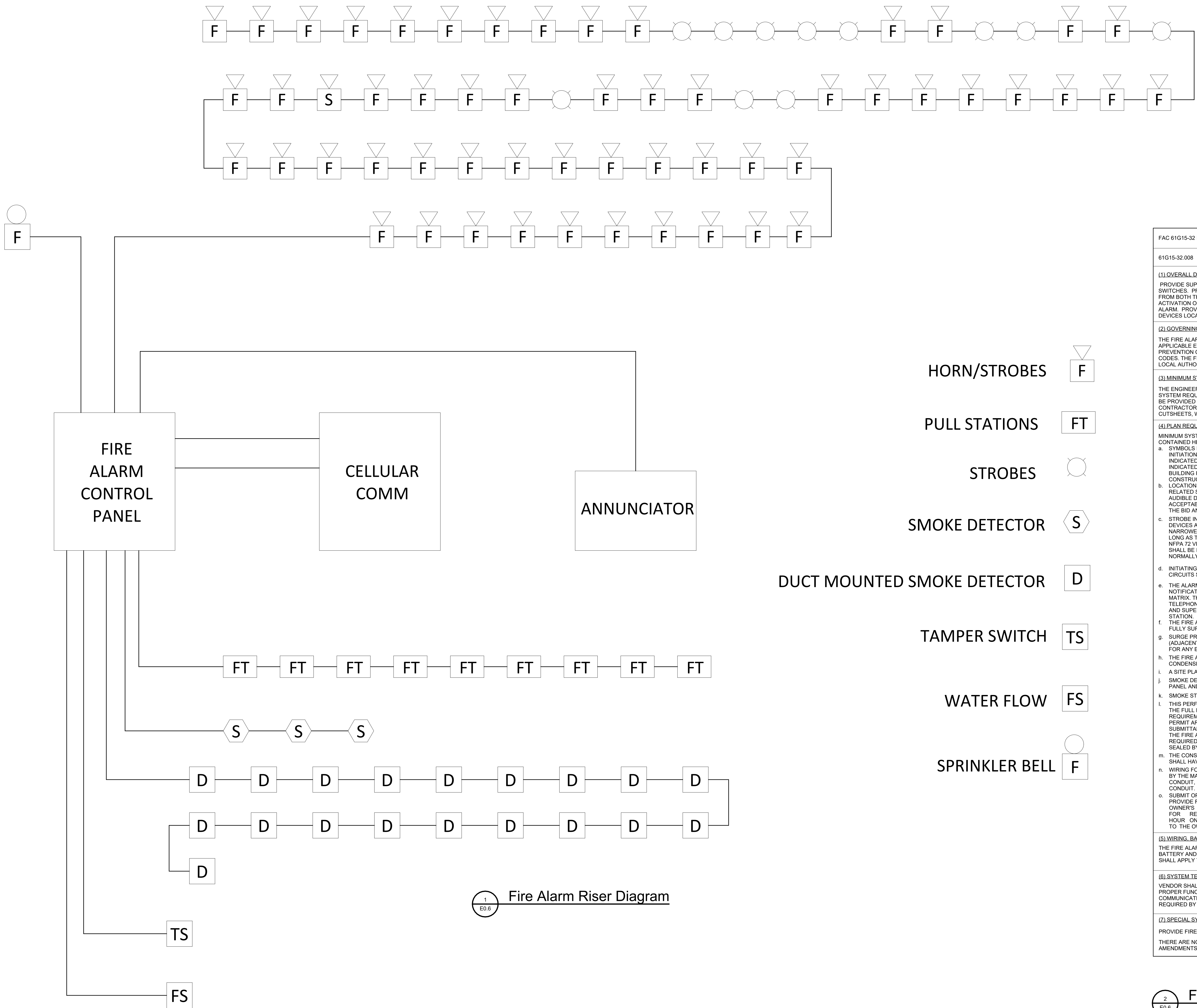
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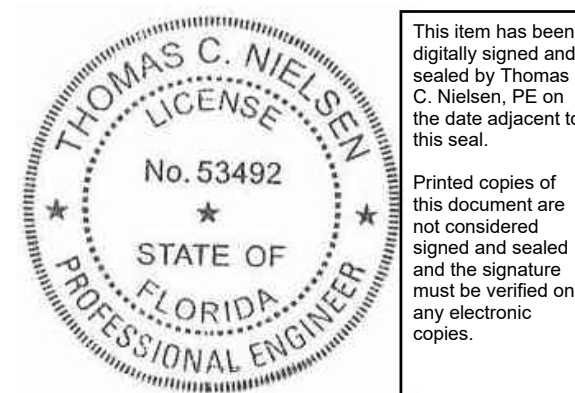
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PROJECT NO.: 22024
DATE: 06/02/2025
PRIOR ISSUES:

FIRE ALARM RISER
DIAGRAM

E0.6

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DATE: 06/02/2025

PRIOR ISSUES:

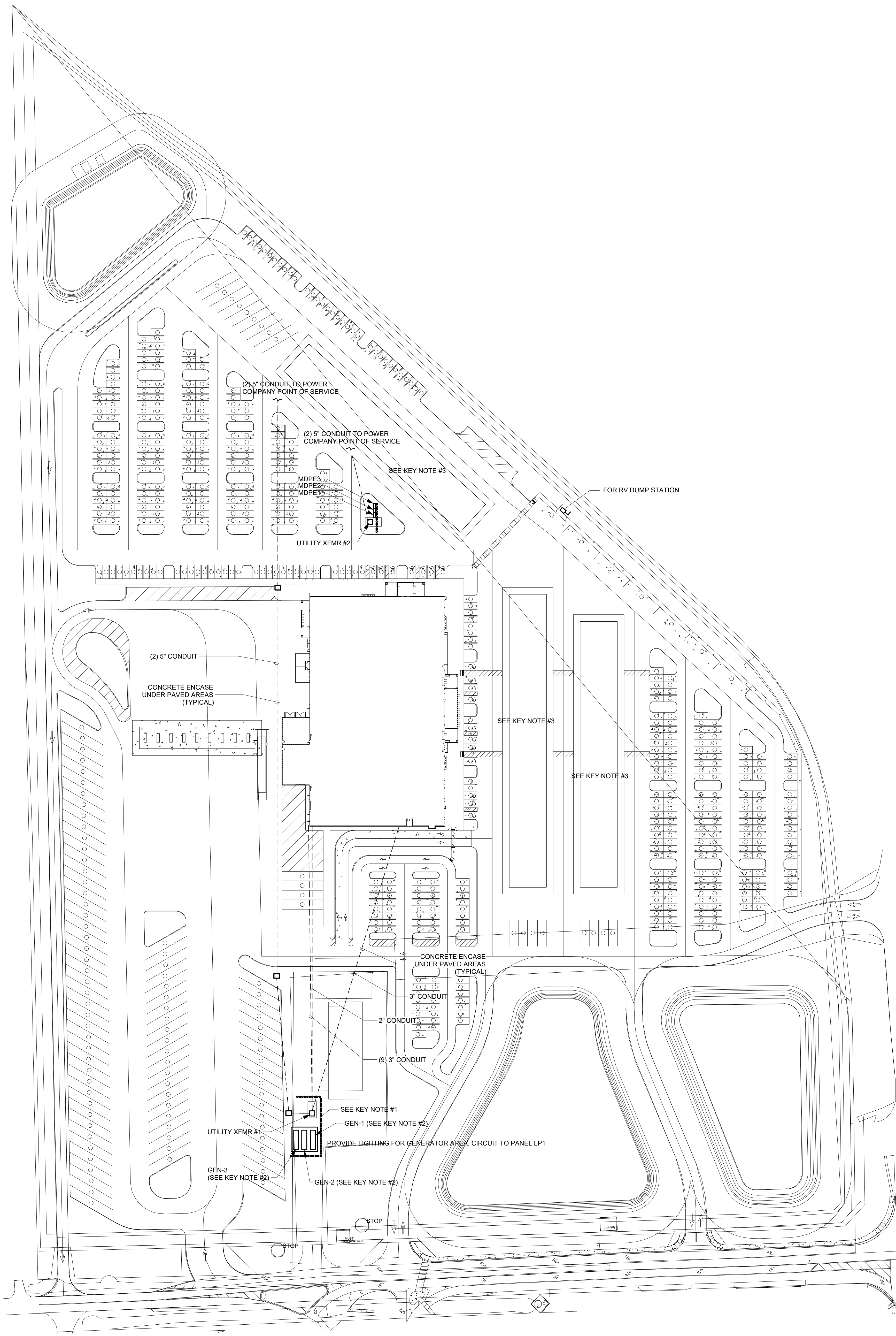
ELECTRICAL SITE POWER PLAN

E1.0

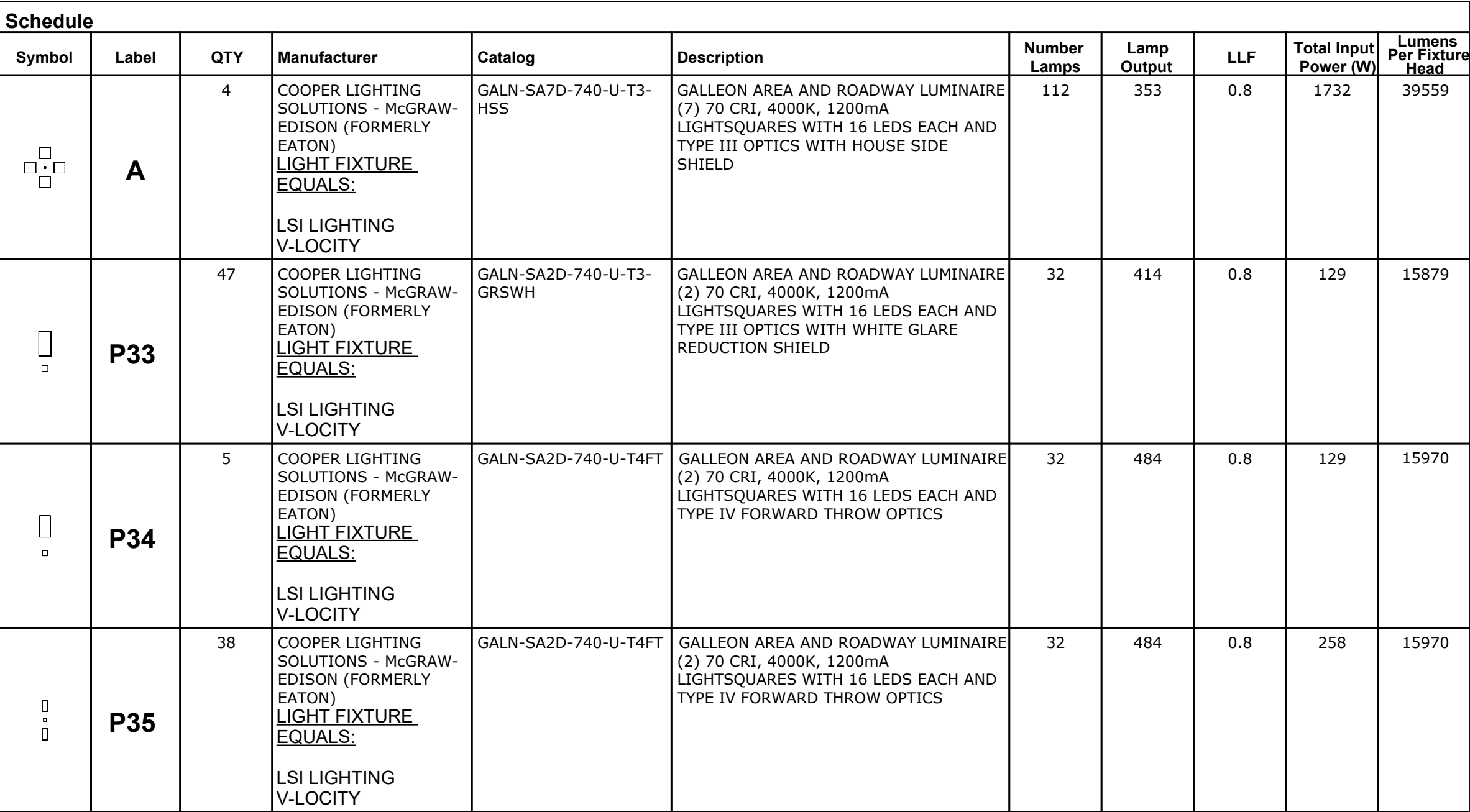
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1
E1.0 E1.0 - ELECTRICAL SITE POWER PLAN



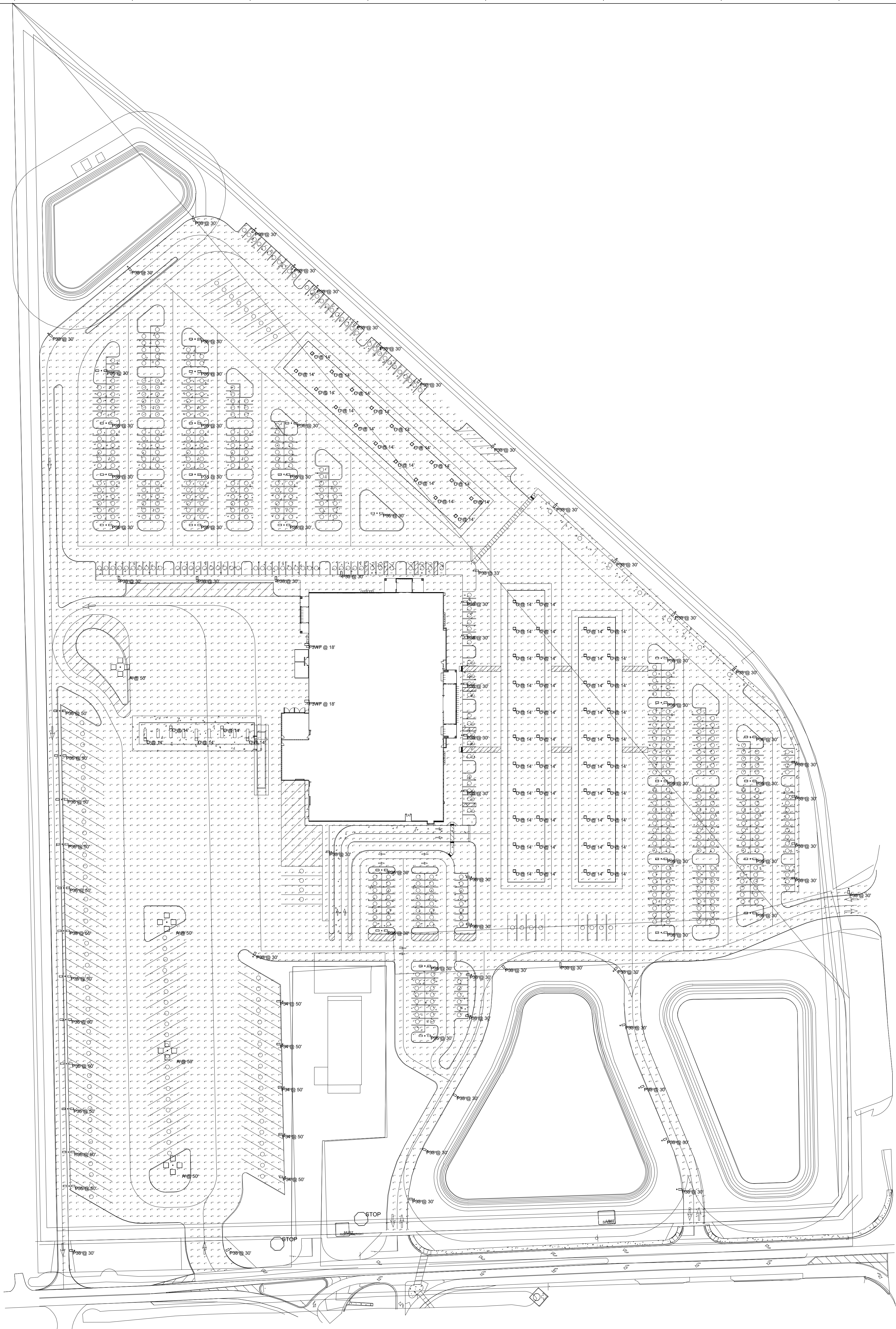
1. FUELING ISLAND POWER AND LIGHTING PROVIDED UNDER SEPARATE CONTRACT.

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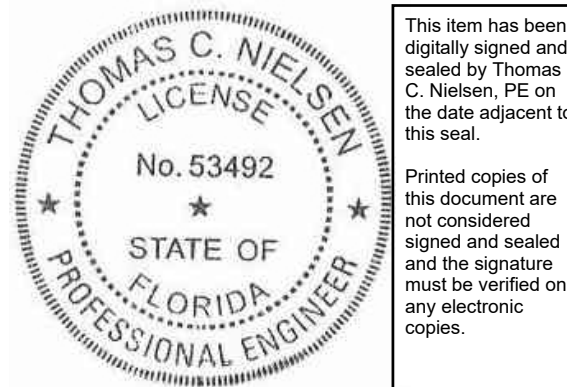
1
E1.2

E1.2 - SITE LIGHTING PHOTOMETRIC PLAN



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www.IMEGCorp.com
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DATE: 06/02/2025

PRIOR ISSUES:

SITE LIGHTING
PHOTOMETRIC
PLAN

E1.2

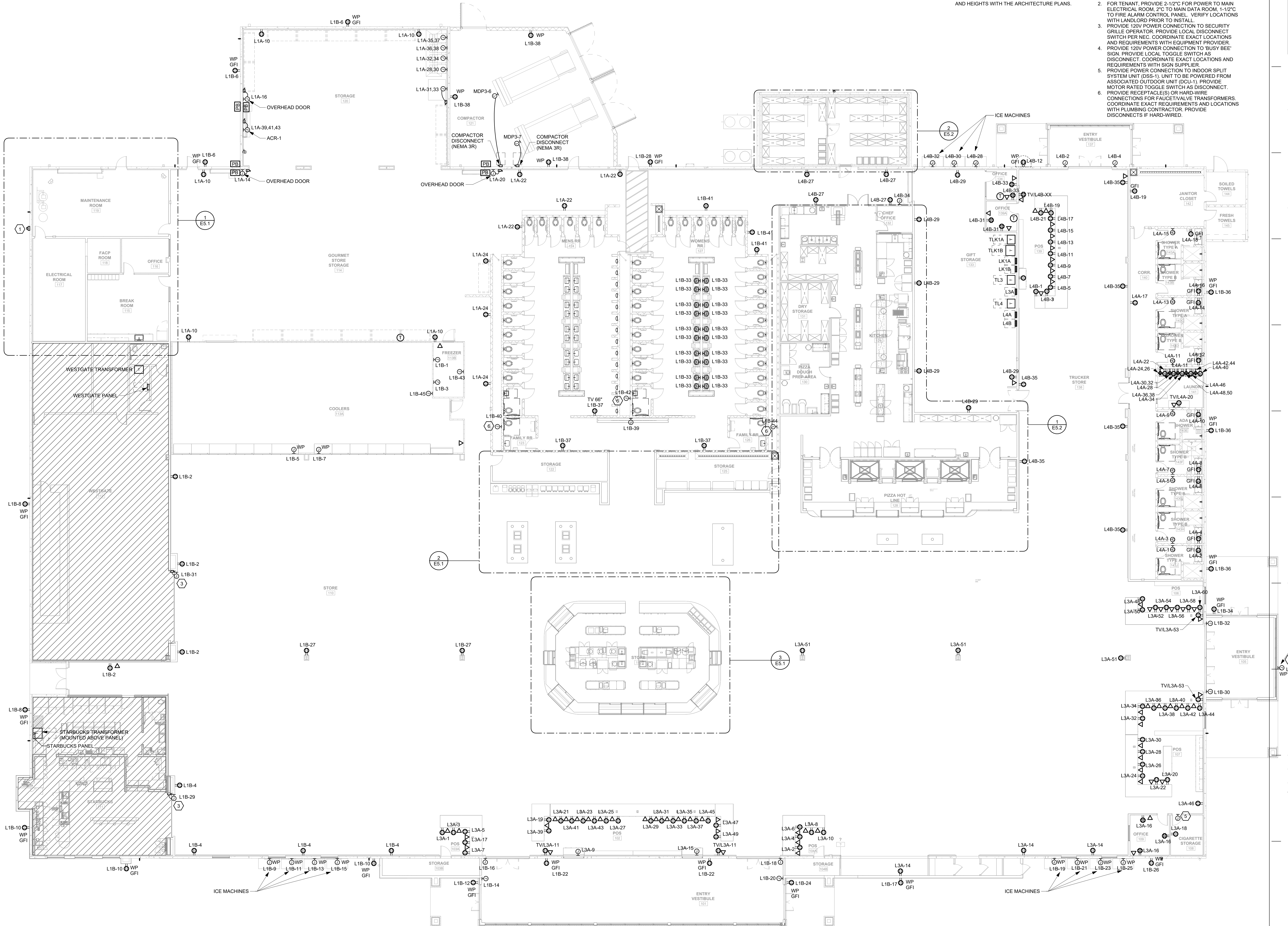
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SHEET NOTES:
1. COORDINATE ALL TV RECEPTACLE EXACT LOCATION AND HEIGHTS WITH THE ARCHITECTURE PLANS.

KEY NOTES:
1. 200A FEED-THRU METER FOR WESTGATE RETAIL. FOR TENANT. PROVIDE 2-127C FOR POWER TO MAIN ELECTRICAL ROOM, 27C TO MAIN DATA ROOM, 1-1/2" C TO FIRE ALARM CONTROL PANEL. VERIFY LOCATIONS WITH LANDLORD PRIOR TO INSTALL.
2. PROVIDE 100V POWER CONNECTION TO SECURITY GRILLE OPERATOR. PROVIDE LOCAL DISCONNECT SWITCH PER NEG. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH EQUIPMENT PROVIDER.
3. PROVIDE 120V POWER CONNECTION TO 'BUSY BEE' SIGN. PROVIDE LOCAL TOGGLE SWITCH AS DISCONNECT. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH SIGN SUPPLIER.
4. PROVIDE POWER CONNECTION TO INDOOR SPLIT SYSTEM UNIT (SSU-1). UNIT TO BE POWERED FROM ASSOCIATED OUTDOOR UNIT (DCU-1). PROVIDE MOTOR RATED TOGGLE SWITCH AS DISCONNECT.
5. PROVIDE RECEPTACLE OR HARD-WIRE CONNECTIONS FOR FAUCET/VALVE TRANSFORMERS. COORDINATE EXACT REQUIREMENTS AND LOCATIONS WITH PLUMBING CONTRACTOR. PROVIDE DISCONNECTS IF HARD-WIRED.



**BUSY BEE
ELLISVILLE**

136 SW WEBBS GLN
LAKE CITY, FL 32024

PROJECT NO.: 22024
DATE: 06/02/2025
PRIOR ISSUES:

**ELECTRICAL
LIGHTING PLAN**

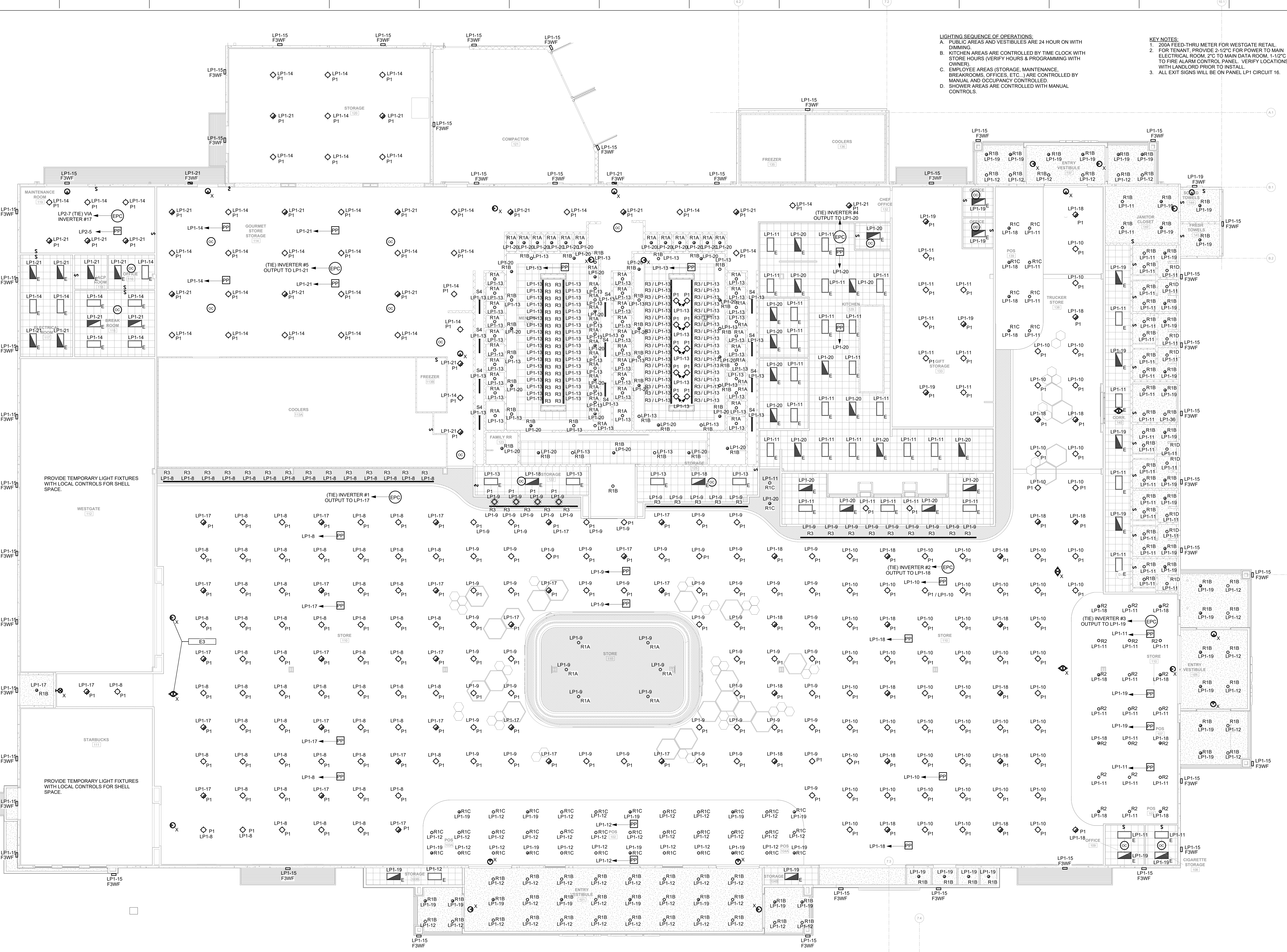
E1.4

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LIGHTING SEQUENCE OF OPERATIONS:
A. PUBLIC AREAS AND VESTIBULES ARE 24 HOUR ON WITH DIMMING.
B. KITCHEN AREAS ARE CONTROLLED BY TIME CLOCK WITH STORE HOURS (VERIFY HOURS & PROGRAMMING WITH OWNER).
C. EMPLOYEE AREAS (STORAGE, MAINTENANCE, BREAKROOMS, OFFICES, ETC.) ARE CONTROLLED BY MANUAL AND OCCUPANCY CONTROLLED.
D. SHOWER AREAS ARE CONTROLLED WITH MANUAL CONTROLS.

KEY NOTES:
1. 200A FEED-THRU METER FOR WESTGATE RETAIL.
2. FOR TENANT, PROVIDE 2-12VDC FOR POWER TO MAIN ELECTRICAL ROOM, 2VDC TO MAIN DATA ROOM, 1-12VDC TO FIRE ALARM CONTROL PANEL. VERIFY LOCATIONS WITH LANDLORD PRIOR TO INSTALL.
3. ALL EXIT SIGNS WILL BE ON PANEL LP1 CIRCUIT 16.



ELECTRICAL LIGHTING PLAN

SCALE: 3/32" = 1'-0"

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DATE: 06/02/2025

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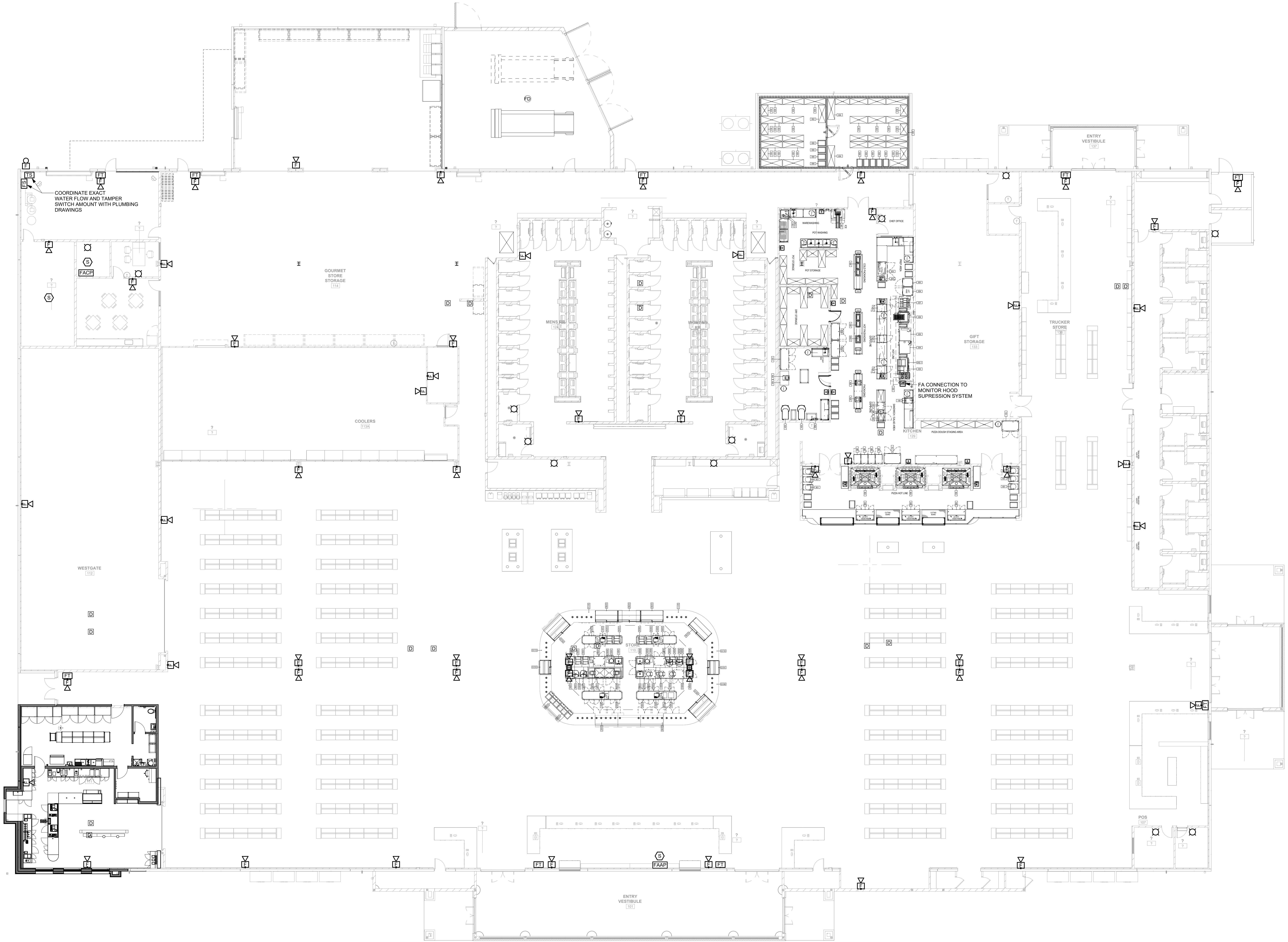
**FIRE ALARM
PLAN**

E1.5

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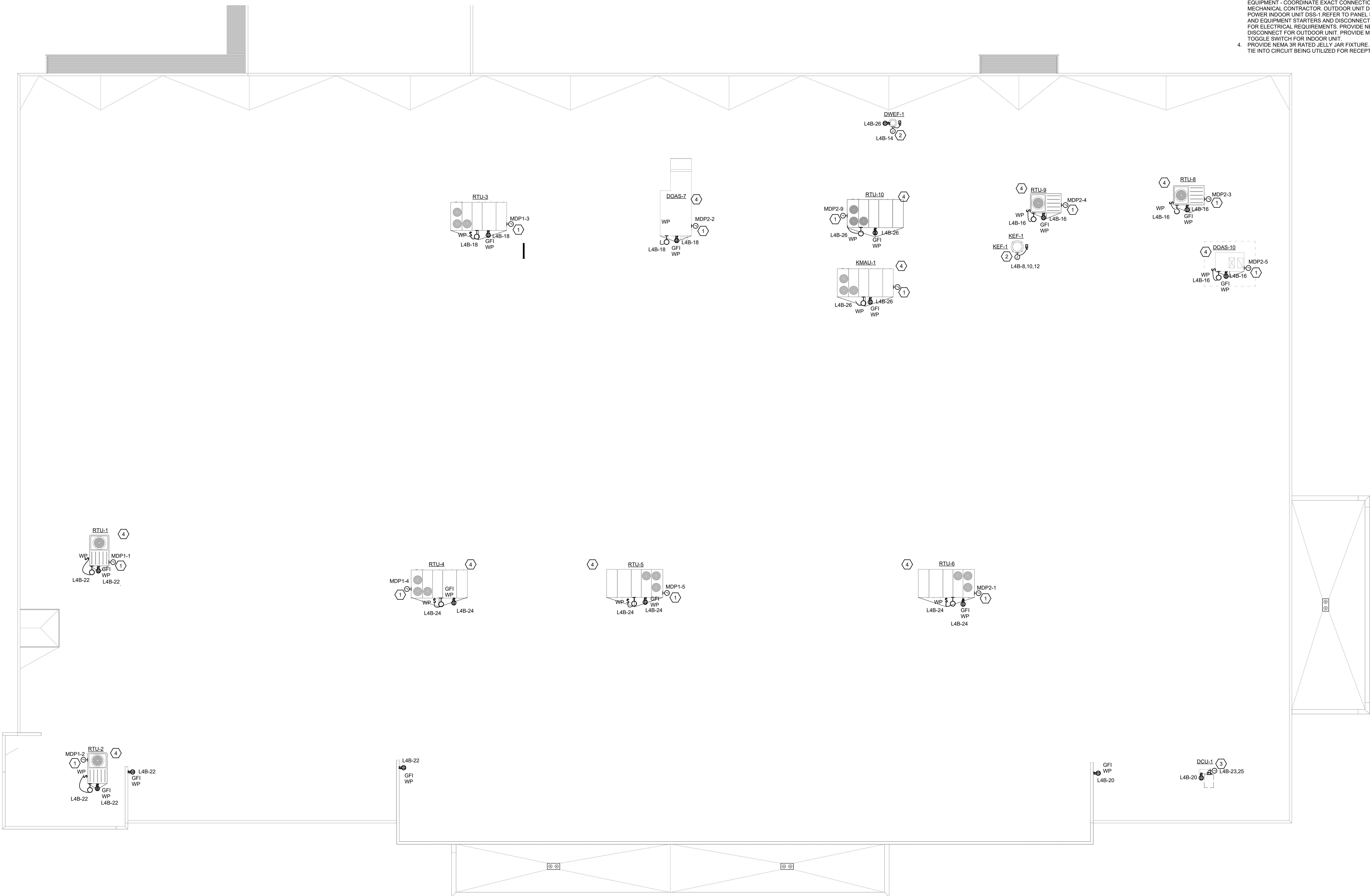
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**1
E1.5** FIRE ALARM PLAN
SCALE: 3/32" = 1'-0"



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- KEY NOTES:
1. PROVIDE POWER CONNECTION FOR EQUIPMENT - COORDINATE EXACT CONNECTION POINT WITH MECHANICAL CONTRACTOR. REFER TO PANEL SCHEDULE AND EQUIPMENT STARTERS AND DISCONNECTS SCHEDULE FOR ELECTRICAL REQUIREMENTS. DISCONNECT TO BE FACTORY MOUNTED BY MANUFACTURER.
 2. PROVIDE POWER CONNECTION FOR EQUIPMENT - COORDINATE EXACT CONNECTION POINT WITH MECHANICAL CONTRACTOR. REFER TO PANEL SCHEDULE AND EQUIPMENT STARTERS AND DISCONNECTS SCHEDULE FOR ELECTRICAL REQUIREMENTS. PROVIDE NEMA 3R NON-FUSED DISCONNECT.
 3. PROVIDE POWER CONNECTION FOR SPLIT SYSTEM EQUIPMENT - COORDINATE EXACT CONNECTION POINT WITH MECHANICAL CONTRACTOR. OUTDOOR UNIT DCU-1 TO POWER INDOOR UNIT DSS-1 REFER TO PANEL SCHEDULE AND EQUIPMENT STARTERS AND DISCONNECTS SCHEDULE FOR ELECTRICAL REQUIREMENTS. PROVIDE NEMA 3R DISCONNECT FOR OUTDOOR UNIT. PROVIDE MOTOR RATED TOGGLE SWITCH FOR INDOOR UNIT.
 4. PROVIDE NEMA 3R RATED JELLY JAR FIXTURE. 500 LUMENS. TIE INTO CIRCUIT BEING UTILIZED FOR RECEPTACLE.



ELECTRICAL ROOF PLAN
SCALE: 3/32" = 1'-0"



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www.IMEGCorp.com
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Jacksonville, Florida 32256
Ph: (904) 483-5200 Fax: (904) 486-6700
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DATE: 06/02/2025

PRIOR ISSUES:

ELECTRICAL ROOF PLAN

E4.1

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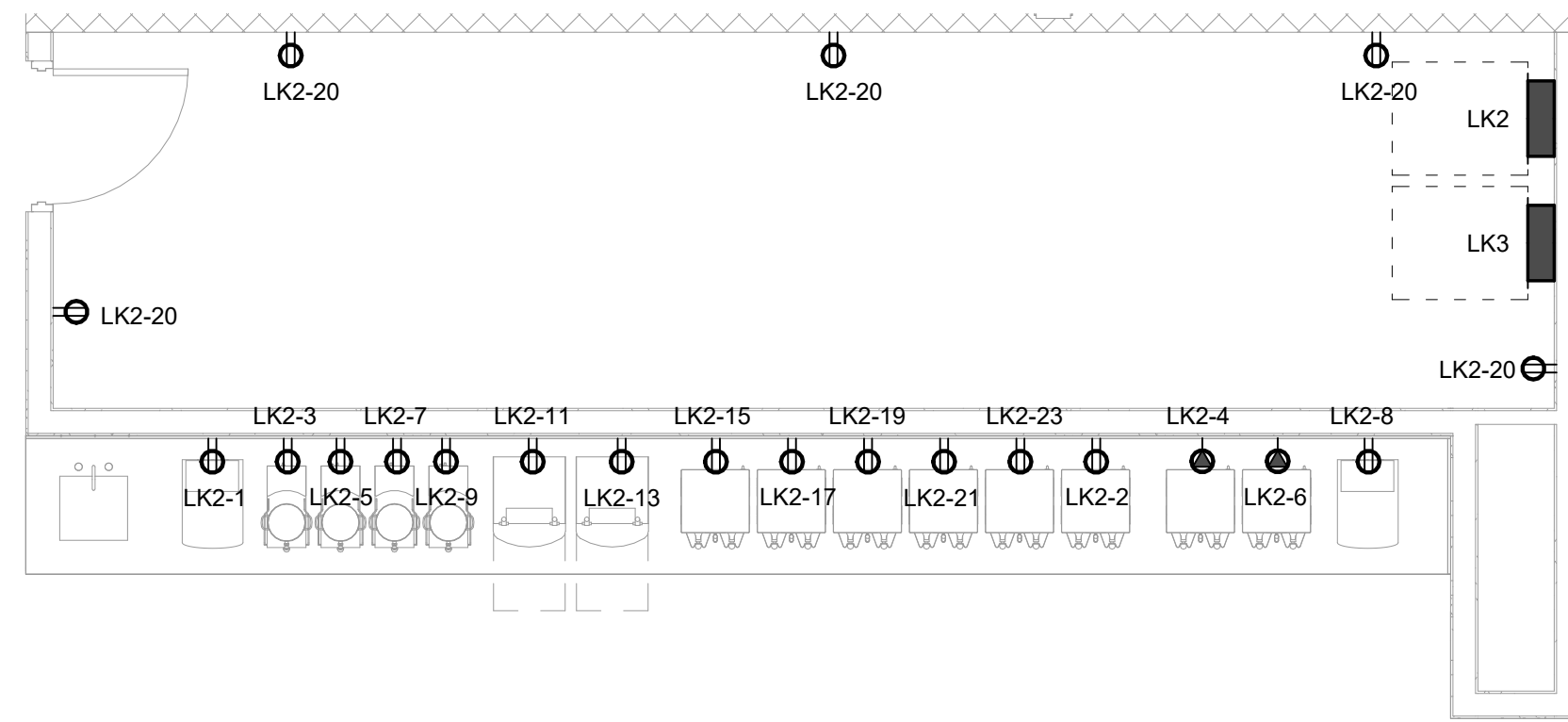
PRIOR ISSUES:

**ENLARGED
PLANS**

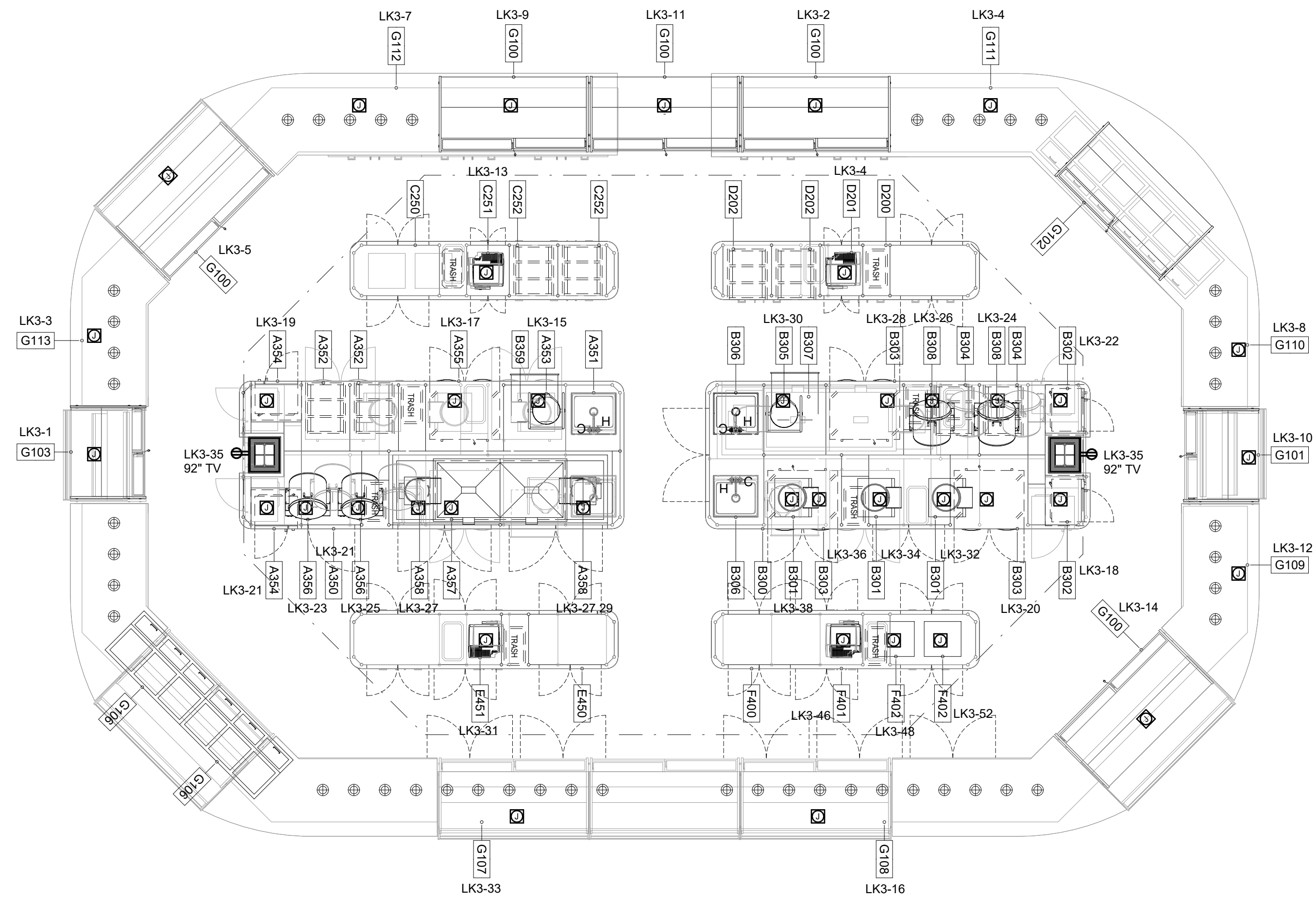
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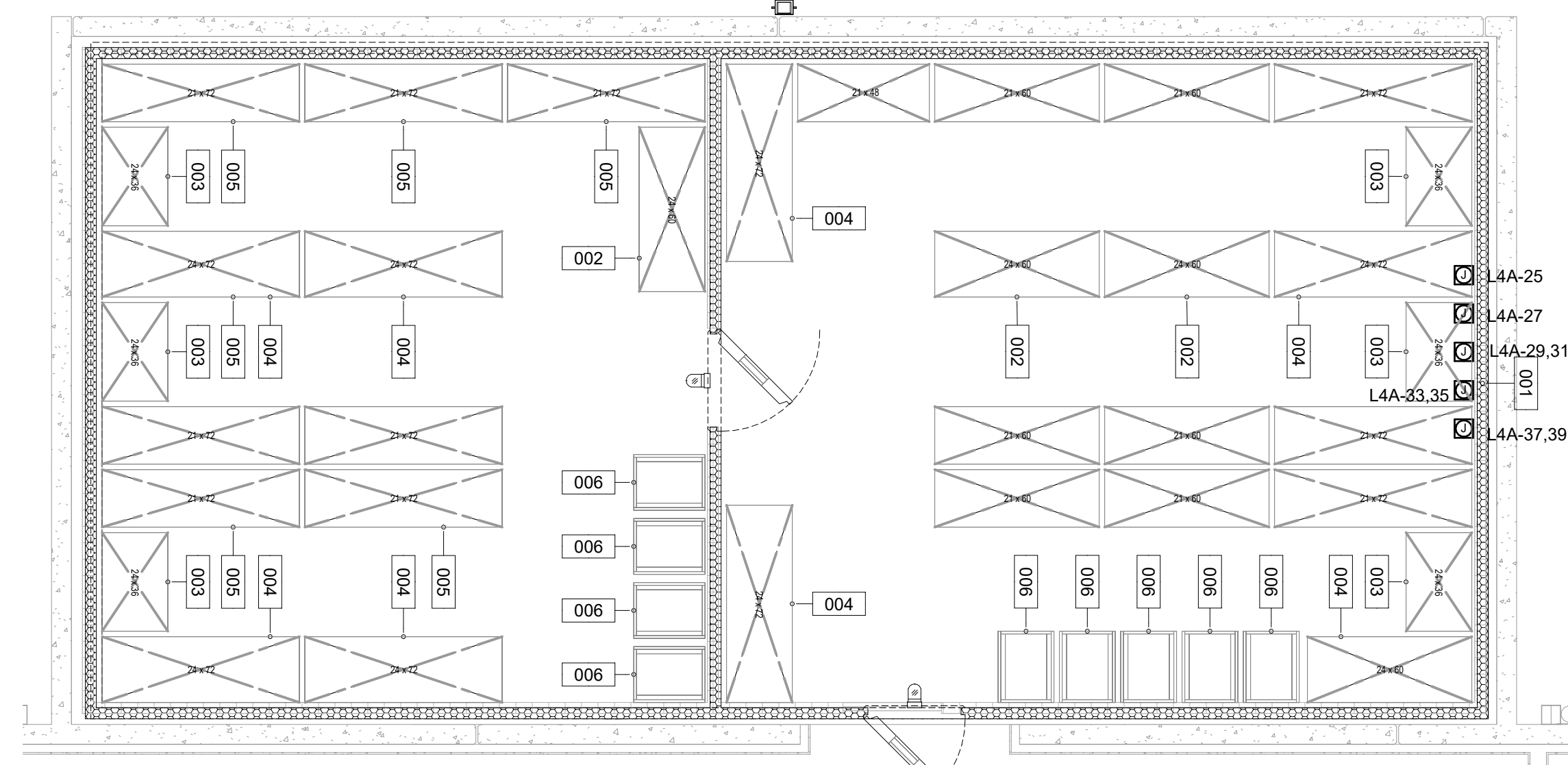
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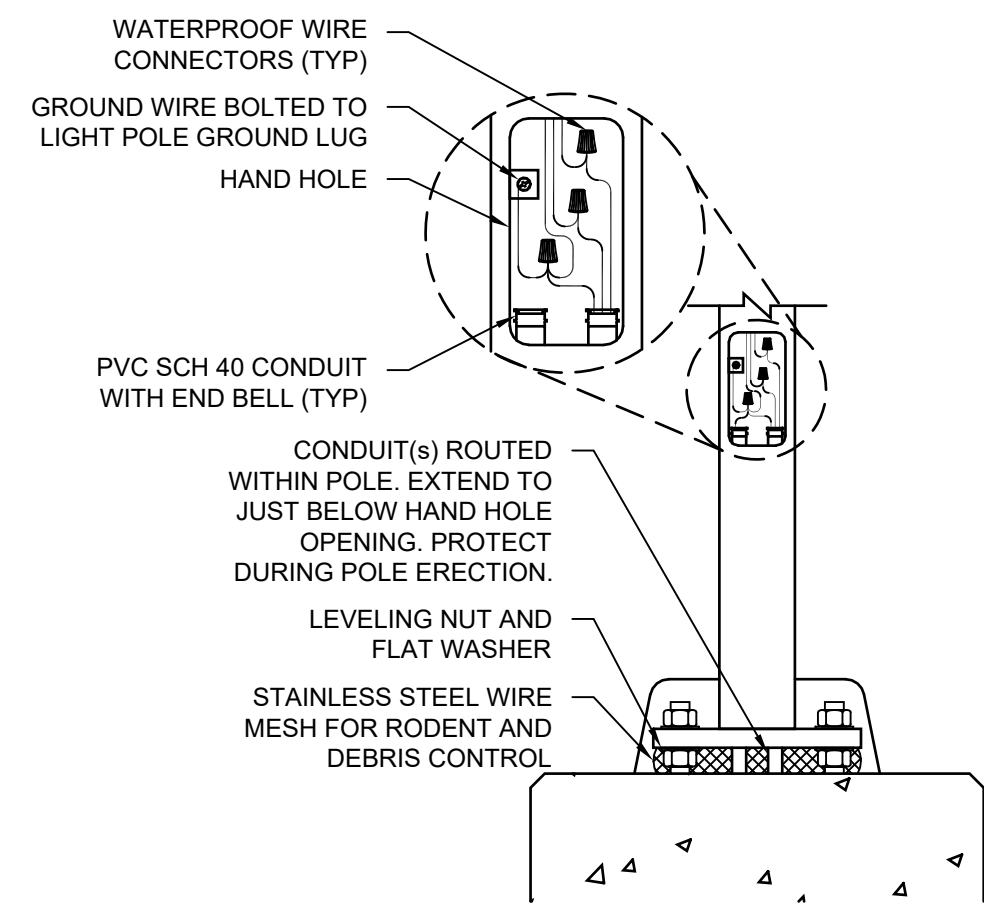


2
ENLARGED KITCHEN EQUIPMENT PLAN SOUTH - POWER
SCALE: 1/4" = 1'-0"





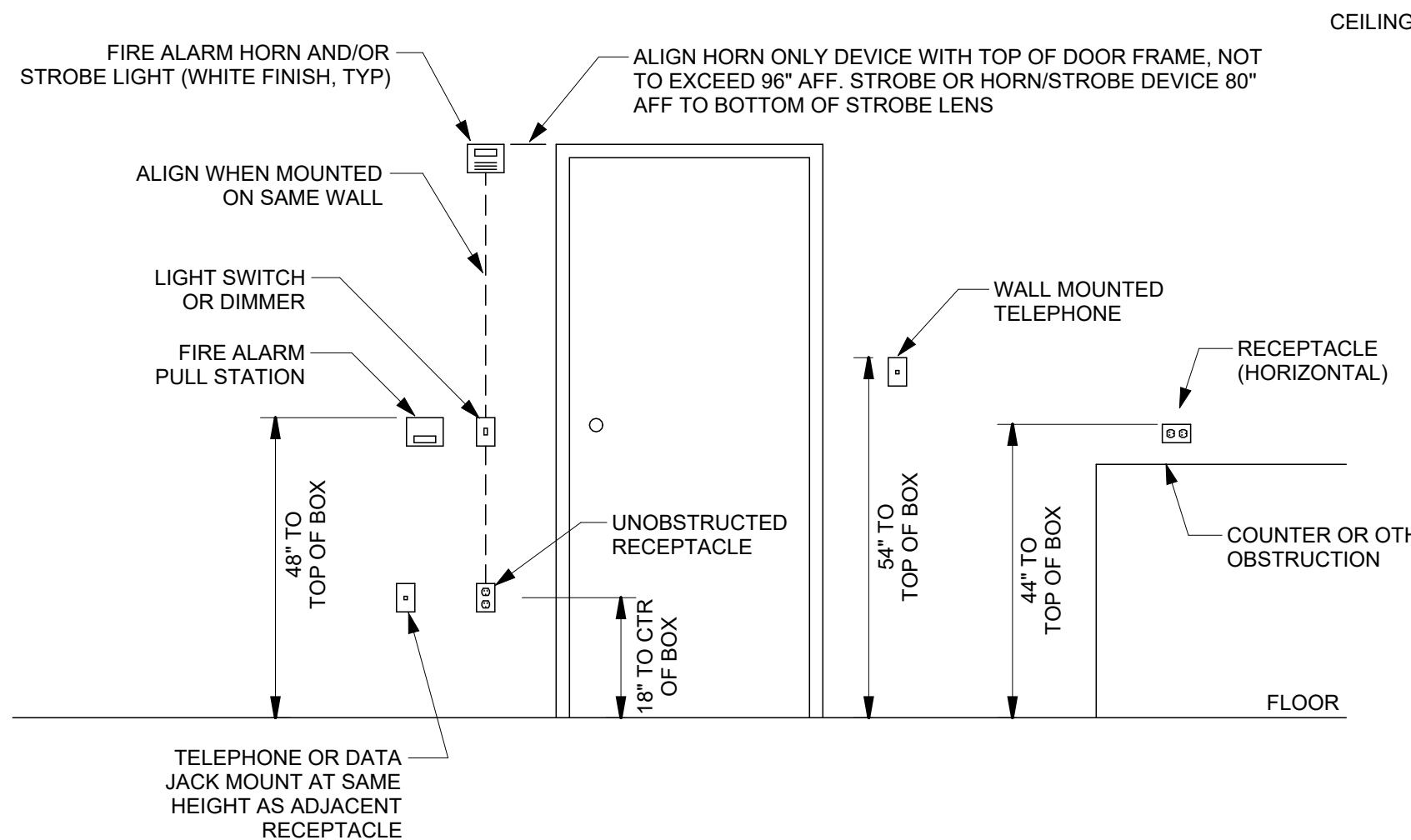
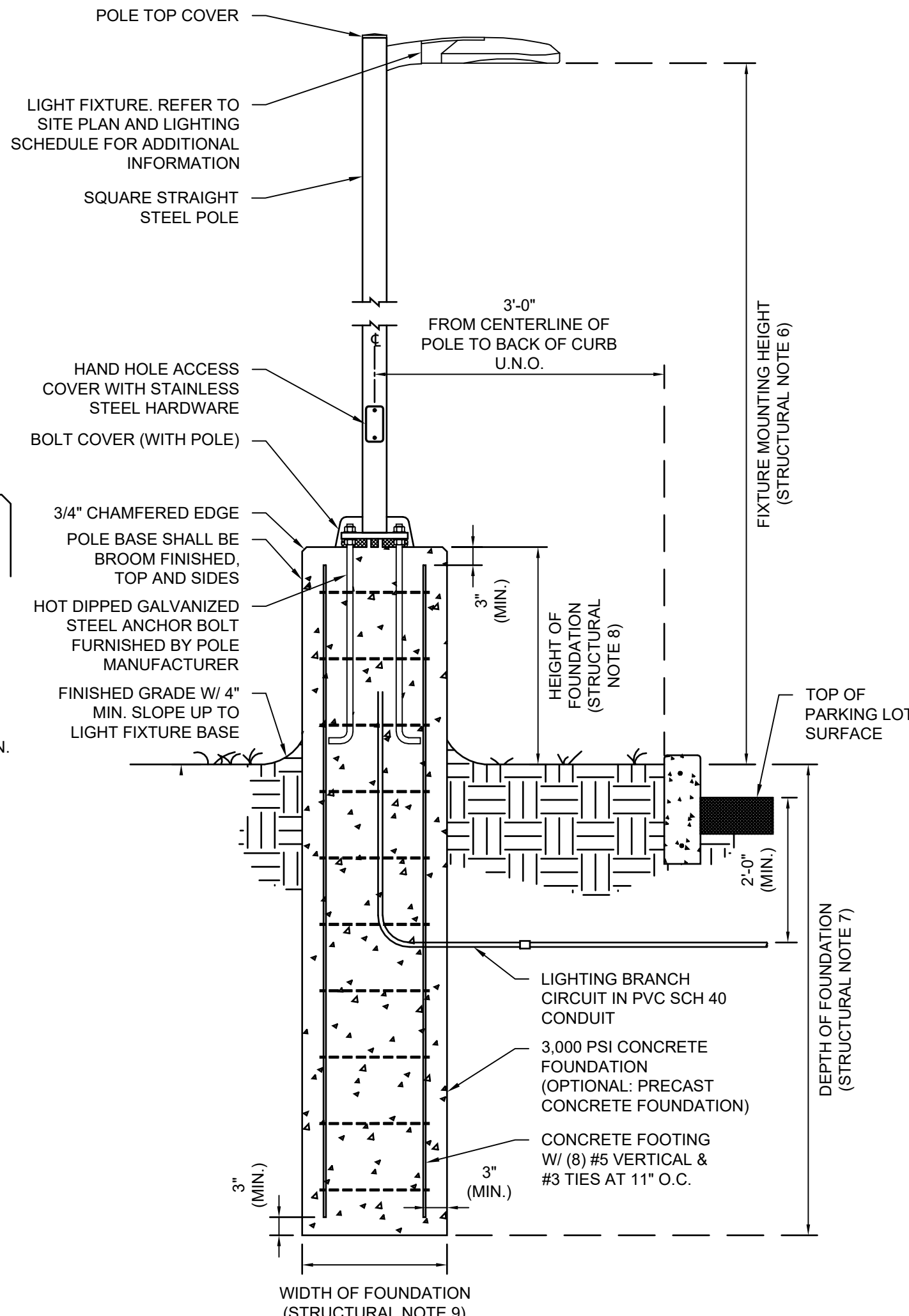
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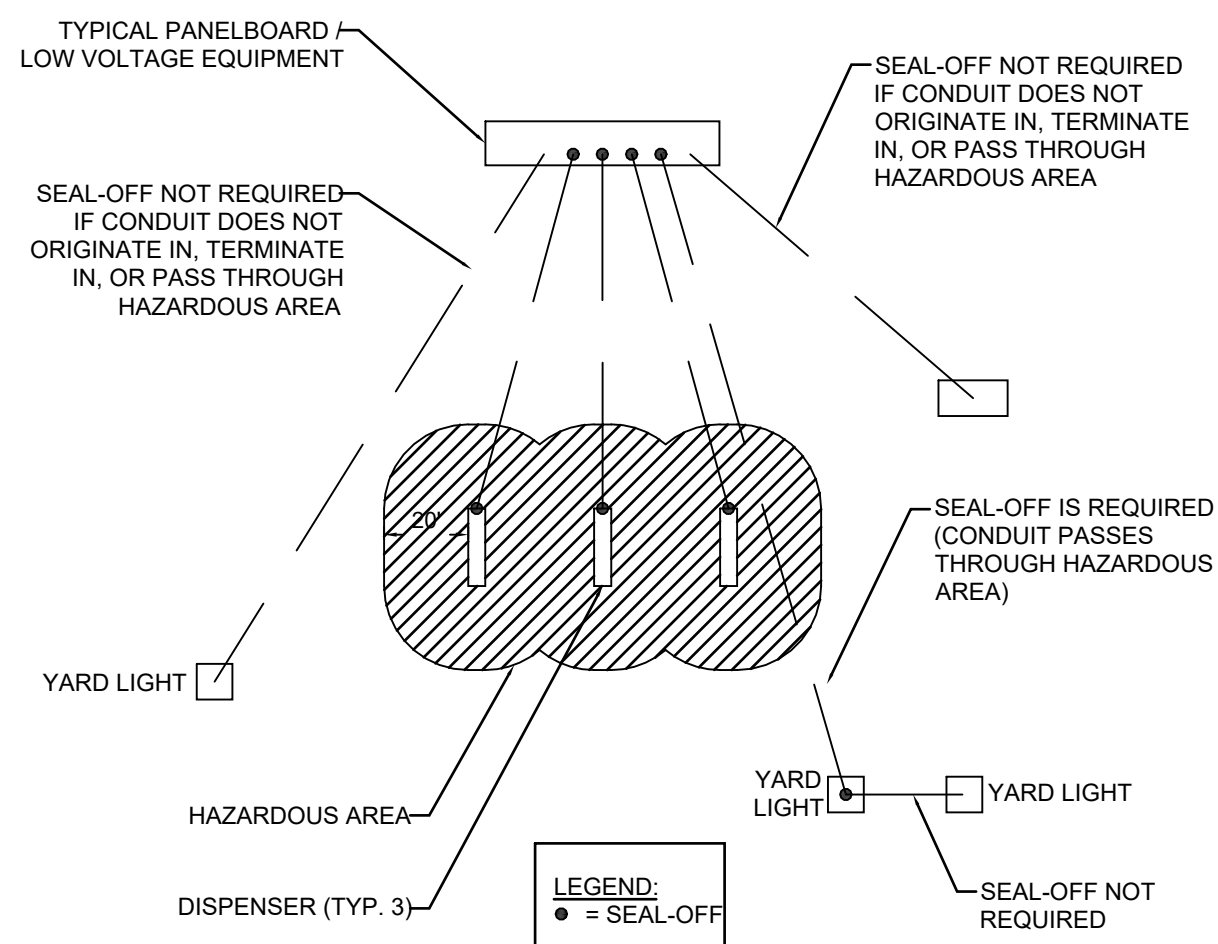
ANCHOR BOLTS:
ANCHOR BOLTS AND HARDWARE SHALL BE HOT DIPPED GALVANIZED STEEL. ANY DAMAGE TO FACTORY COATING OR FIELD CUTS SHALL BE THOROUGHLY CLEANED AND PAINTED IN THE FIELD WITH A COLD GALVANIZING ZINC COATING. AFTER POLE ERECTION, A MARINE GRADE ANTI-SEIZE AND ANTI-CORROSION LUBRICANT SHALL BE APPLIED TO ANCHOR BOLT THREADS AND HARDWARE FOR CORROSION PROTECTION.

STRUCTURAL NOTES:	
THE COMPLETE LIGHT POLE ASSEMBLY INCLUDING POLE, CROSS ARM(S), LIGHT FIXTURES AND FOUNDATION MEET THE MINIMUM REQUIREMENTS OF FBC 2017 8th EDITION (INCLUDING HVHZ SECTION 1620 AND 1819.7 REQUIREMENTS), ASCC-10 AND ACI318-14.	
2. WIND LOAD:	136 MPH
3. RISK CATEGORY:	II
4. EXPOSURE:	C
5. MINIMUM POLE EPA RATING:	3 SF
6. FIXTURE MOUNTING HEIGHT:	20 FT
7. DEPTH OF FOUNDATION:	7 FT
8. HEIGHT OF FOUNDATION:	3 FT
9. WIDTH OF FOUNDATION (ROUND):	2 FT

NOTE FOR THE CONTRACTOR:
CONTRACTOR HAS AN OPTION TO USE PRE-CAST POLE BASE THAT SATISFIES THE DESIGN CRITERIA AS LISTED IN THIS DETAIL. G.C. TO NOTIFY THE E.O.R. IN CASE OF ANY DISCREPANCY.



MOUNTING HEIGHT DIAGRAM
SCALE: 1/2" = 1'-0"

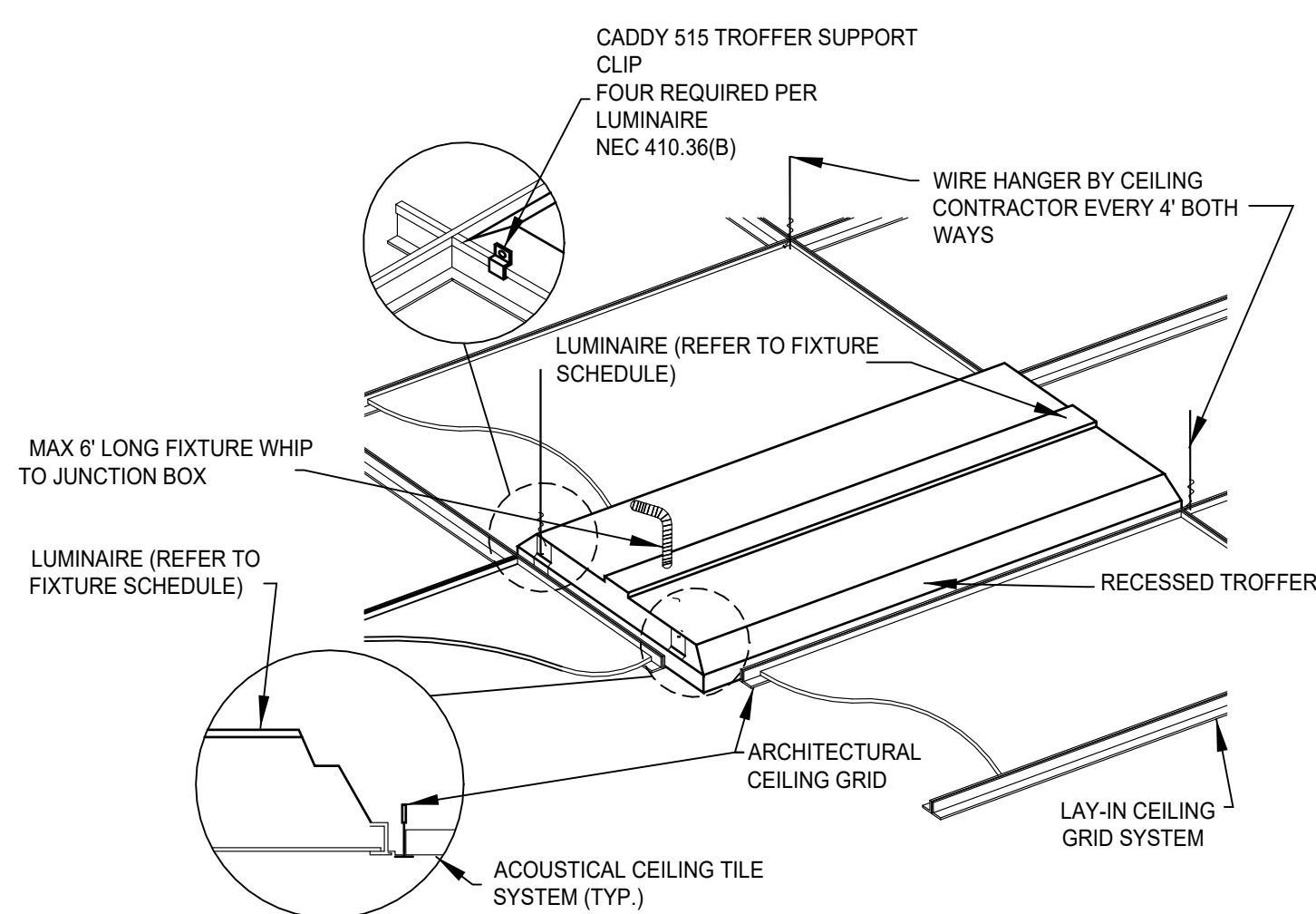


NOTES:
ELECTRICAL WIRING SHALL BE DONE IN ACCORDANCE WITH APPROVED LOCAL ELECTRICAL CODES AND BY A LICENSED ELECTRICIAN. THE PUMP SHALL BE PROPERLY GROUNDED. THE RGS CONDUIT SHALL BE USED WHEN INSTALLING ELECTRICAL WIRING.

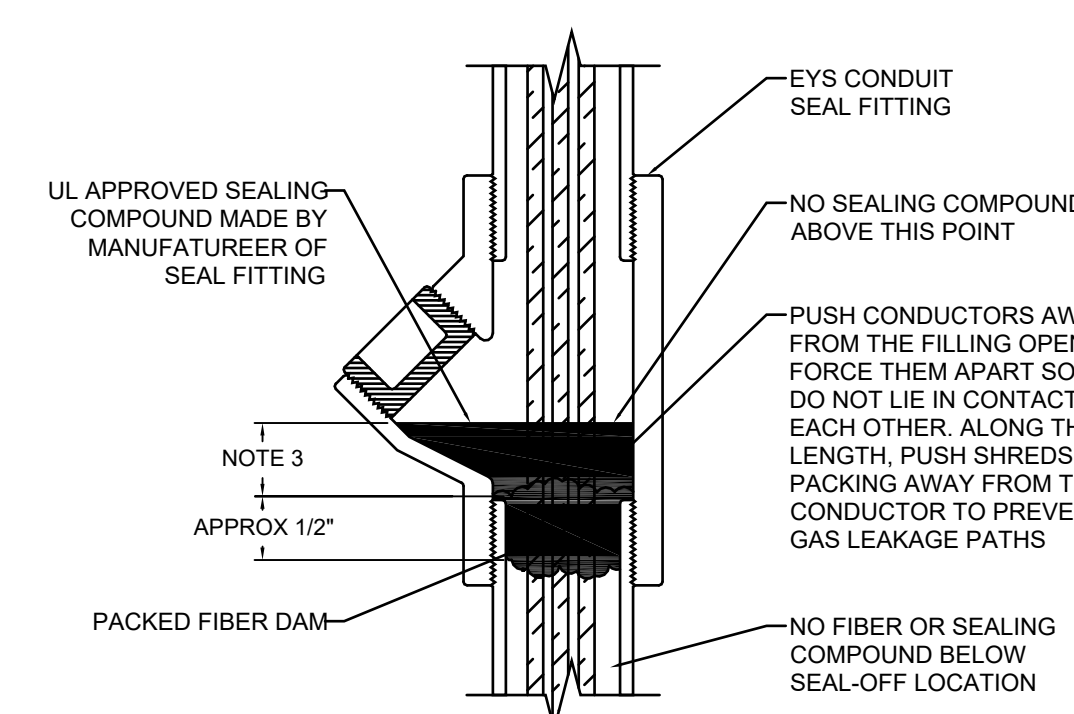
SEAL OFF DETAIL
SCALE: 1/4" = 1'-0"

NOTES:
1. ELECTRICAL PLAN NOTES LINE ONE.
2. PLAN NOTES LINE TWO.

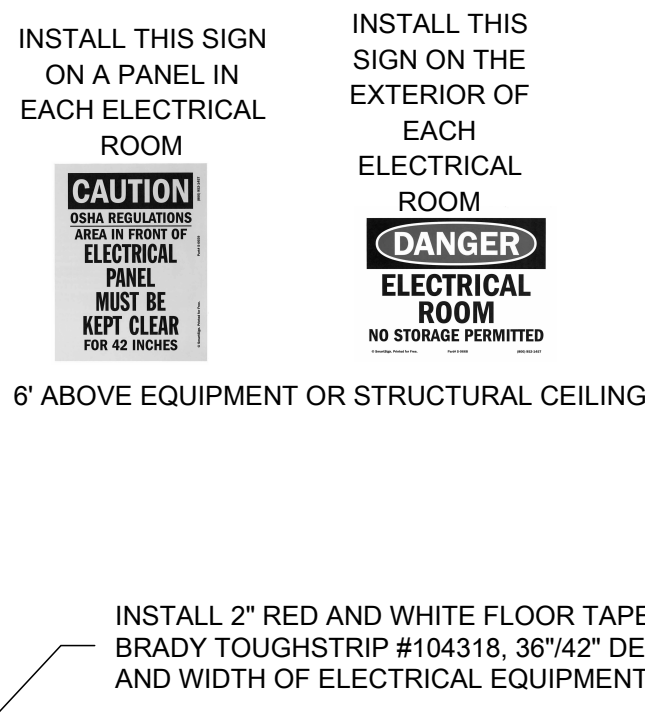
KEYED NOTES:
1. ELECTRICAL KEYED NOTES LINE ONE.
2. KEYED NOTES LINE TWO.



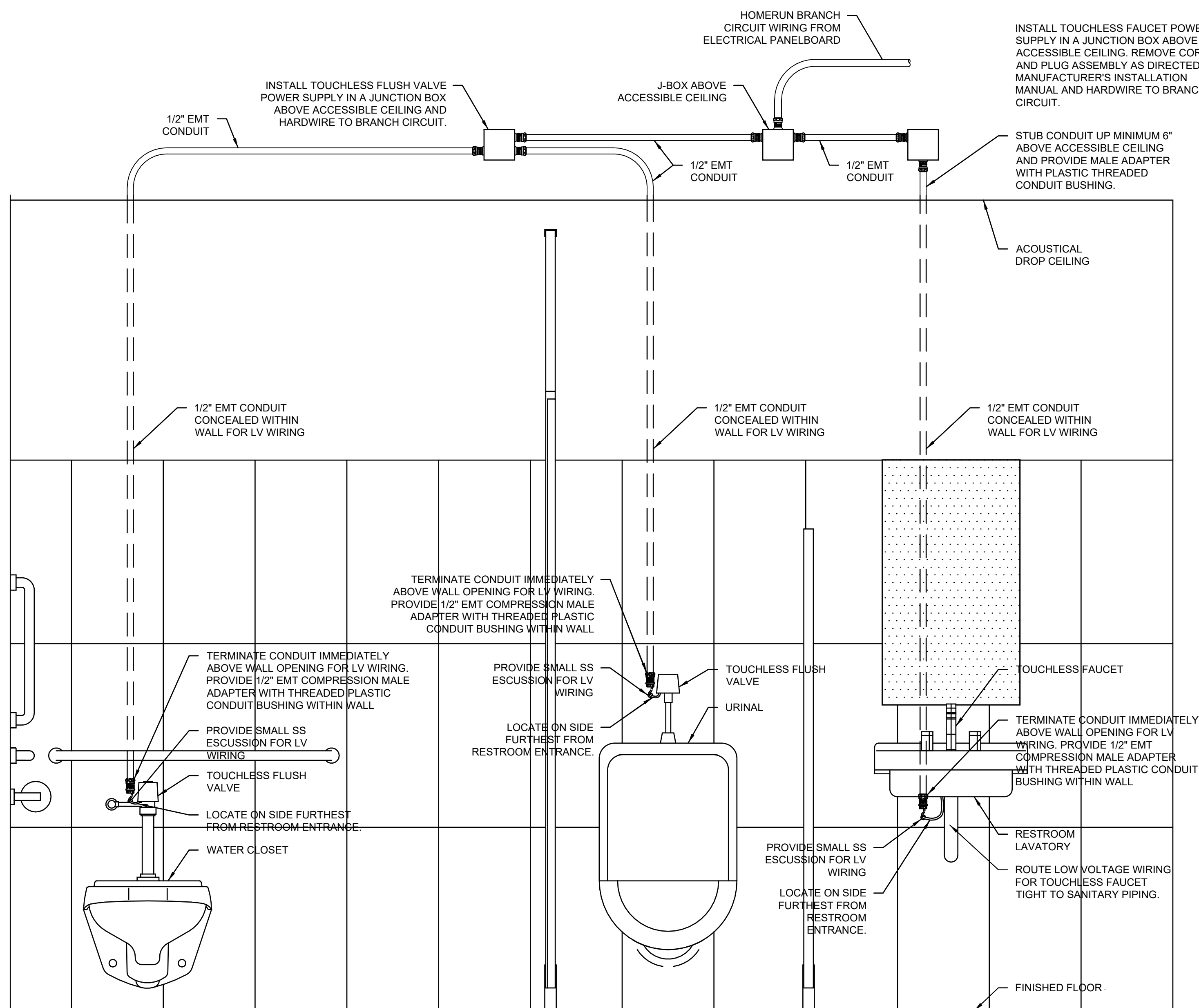
TROFFER
SCALE: NTS



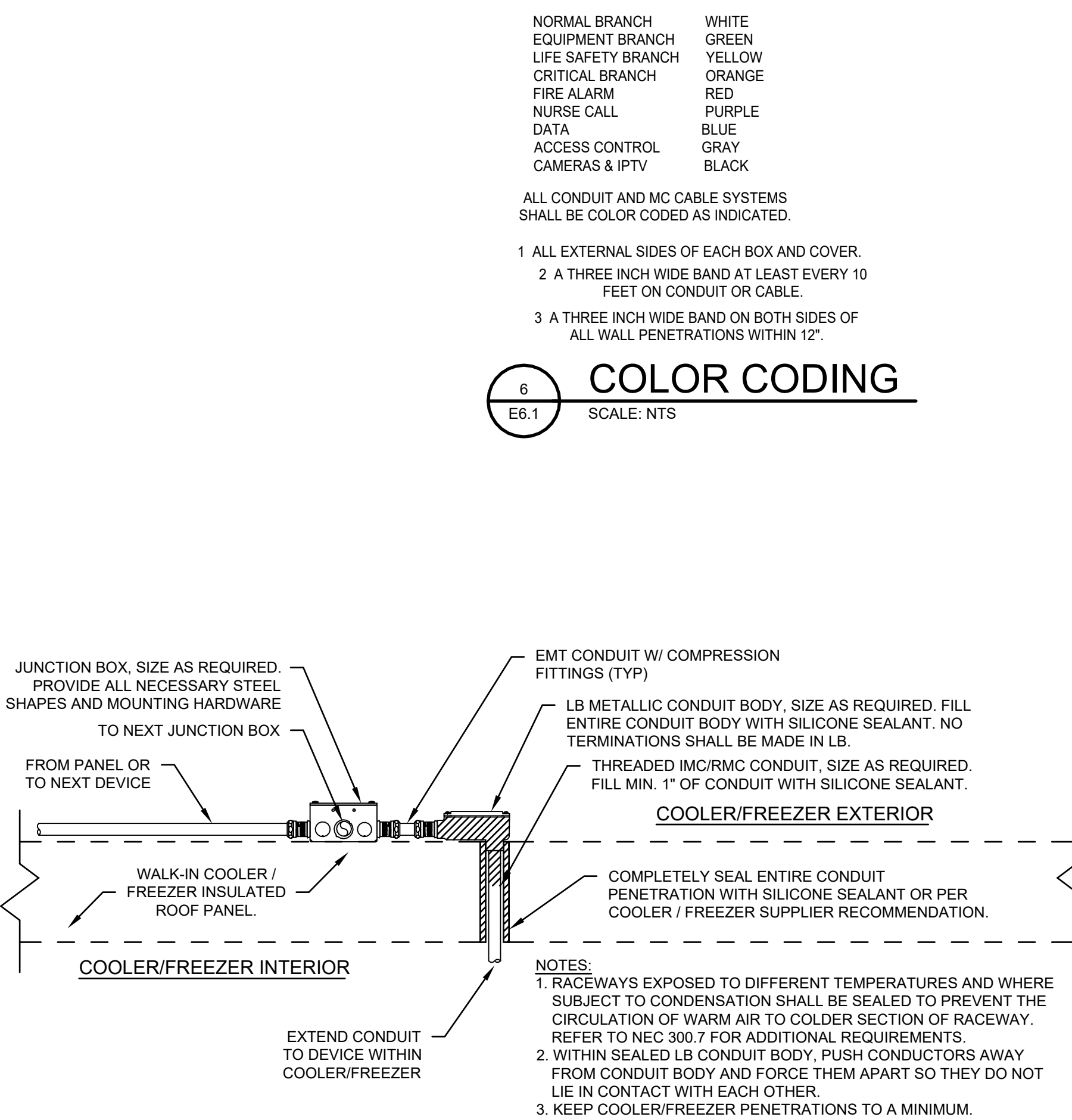
1. PROVIDE EXPLOSION PROOF SEALS-OFFS IN ACCORDANCE WITH ARTICLES 500, 501 AND 514 (CLASS 1, DIVISION 1 & 2) OF THE 2011 NEC. TYPICAL FOR ALL CONDUITS IN CLASS 1 LOCATIONS, INCLUDING LOW VOLTAGE CONDUITS.
2. CONDUIT FILL SHALL NOT EXCEED 25% OF SEAL-OFF AS PER NEC. 501.15(C)(6).
3. THE THICKNESS OF THE SEALING COMPOUND SHALL BE MINIMUM THE TRADE SIZE OF THE SEALING FITTING AND NO LESS THAN 5/8".



WORKING CLEARANCES
SCALE: NTS



RESTROOM
SCALE: NTS



FREEZER COOLER
SCALE: NTS

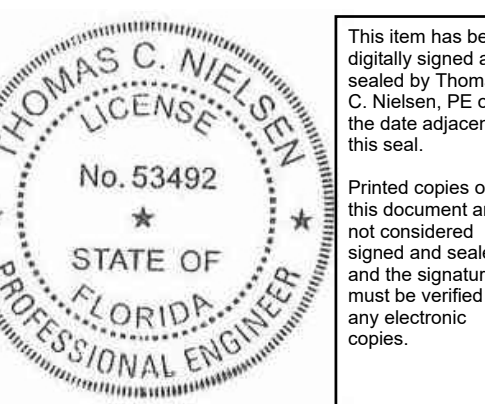
COLOR CODING	
NORMAL BRANCH	WHITE
EQUIPMENT BRANCH	GREEN
LIFE SAFETY BRANCH	YELLOW
CRITICAL BRANCH	ORANGE
FIRE ALARM	RED
NURSE CALL	PURPLE
DATA	BLUE
ACCESS CONTROL	GRAY
CAMERAS & IPTV	BLACK

ALL CONDUIT AND MC CABLE SYSTEMS SHALL BE COLOR CODED AS INDICATED.
1. ALL EXTERNAL SIDES OF EACH BOX AND COVER.
2. A THREE INCH WIDE BAND AT LEAST EVERY 10 FEET ON CONDUIT OR CABLE.
3. A THREE INCH WIDE BAND ON BOTH SIDES OF ALL WALL PENETRATIONS WITHIN 12".

COLOR CODING
SCALE: NTS



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ELLISVILLE**

136 SW WEBBS GLN
LAKE CITY, FL 32024

PROJECT NO.: 22024

DATE: 06/02/2025

PRIOR ISSUES:

**ELECTRICAL
DETAILS**

E6.1

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136 SW WEBBS GLN
LAKE CITY, FL 32024

PROJECT NO.: 22024

DATE: 06/02/2025

PRIOR ISSUES:

ELECTRICAL PANEL SCHEDULES

E7.2

DRAWN BY: IMEG
CHECKED BY: IMEG

100%
CONSTRUCTION
DOCUMENTS

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PANEL: L4B																	
CONN. LOAD:		24.8 KW		DEMAND LOAD:		22.6 KVA		NQOD TYPE		SQUARE D							
		68.7 AMPS				62.8 AMPS											
MAIN: 250A MLO																	
MTG: SURFACE		VOLTAGE: 208/120		, 3PH, 4W.		AIC: 22,000											
		LOCATION: KITCHEN NORTH		CIRCUIT NUMBER		ACTUAL AIC: X											
LOAD TYPE	REMARKS	KW	BKR.	OPT	CIRCUIT NUMBER AND PHASE	OPT	BKR.	KW	REMARKS	LOAD TYPE							
R	RCPT U/C SAFE	0.20	20/1		1 A 2		20/1	0.36	J-BOX DOOR	R							
R	RCPT PRINTER	0.40	20/1		3 B 4		20/1	0.36	J-BOX DOOR	R							
R	MISC FUEL EQUIP	0.30	20/1		5 C 6		20/1		SPARE								
R	RCPT POS SYSTEM	0.40	20/1		7 A 8			0.90		H							
R	RCPT POS SYSTEM	0.20	20/1		9 B 10		20/3	0.90	KEF-1	H							
R	RCPT POS SYSTEM	0.20	20/1		11 C 12			0.90		H							
R	RCPT POS SYSTEM	0.20	20/1		13 A 14		40/1	2.20	DWEF-1	H							
R	RCPT POS SYSTEM	0.20	20/1		15 B 16		20/1	1.08	RCPT ROOF	R							
R	RCPT U/C SAFE	0.20	20/1		17 C 18		20/1	0.72	RCPT ROOF	R							
R	RCPT PRINTER	0.40	20/1		19 A 20		20/1	0.36	RCPT ROOF	R							
R	MISC FUEL EQUIP	0.30	20/1		21 B 22		20/1	0.90	RCPT ROOF	R							
H	DCU-1/DSS-1	1.00	20/2		23 C 24		20/1	0.72	RCPT ROOF	R							
H		1.00			25 A 26		20/1	0.72	RCPT ROOF	R							
R	RCPT CORR	0.72	20/1		27 B 28		20/1	1.50	ICE MACHINE	A							
R	RCPT RM 133	1.08	20/1		29 C 30		20/1	1.50	ICE MACHINE	A							
R	RCPT OFF 139A	0.72	20/1		31 A 32		20/1	1.50	ICE MACHINE	A							
R	RCPT OFF 134	0.72	20/1		33 B 34		20/1	1.00	J-BOX CORR	R							
R	RCPT RM 138	0.90	20/1		35 C 36		20/1		SPARE								
	SPARE		20/1		37 A 38		20/1		SPARE								
	SPARE		20/1		39 B 40		20/1		SPARE								
	SPARE		20/1		41 C 42		20/1		SPARE								
	SPARE		20/1		43 C 44		20/1		SPARE								
	SPARE		20/1		45 C 46		20/1		SPARE								
	SPARE		20/1		47 C 48		20/1		SPARE								
	SPARE		20/1		49 C 50		20/1		SPARE								
	SPARE		20/1		51 C 52		20/1		SPARE								
	SPARE		20/1		53 C 54		20/1		SPARE								
	SPARE		20/1		55 C 56		20/1		SPARE								
	SPARE		20/1		57 C 58		20/1		SPARE								
	SPARE		20/1		59 C 60		20/1		SPARE								
	SPARE		20/1		61 C 62		20/1		SPARE								
	SPARE		20/1		63 C 64		20/1		SPARE								
	SPARE		20/1		65 C 66		20/1		SPARE								

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PANEL: LK1A													
CONN. LOAD:		68.2 KW		DEMAND LOAD:		65.0 KVA		NQOD TYPE					
		189.3 AMPS				180.5 AMPS		SQUARE D					
MAIN: 250A MCB		VOLTAGE: 208/120		, 3PH, 4W.		AIC: 22,000							
MTG: SURFACE		LOCATION: KITCHEN NORTH		CIRCUIT NUMBER AND PHASE		ACTUAL AIC: X							
LOAD TYPE	REMARKS	KW	BKR.	OPT	CIRCUIT NUMBER AND PHASE	OPT	BKR.	KW	REMARKS	LOAD TYPE			
R		5.88			1 A 2		20/1	0.56	ITEM 404	M			
R	ITEM 902	5.88	50/3		3 B 4		20/1	0.24	ITEM 406	R			
R		5.88			5 C 6		20/1	0.12	ITEM 406.1	R			
R	ITEM 907	1.44	20/2		7 A 8		20/1	1.22	ITEM 402	M			
R		1.44			9 B 10		20/1	1.22	ITEM 402	M			
R	CHEF OFFICE	0.54	20/1		11 C 12		20/1	1.40	ITEM 408	M			
M	ITEM 303	0.38	20/1		13 A 14		20/1	1.40	ITEM 408	M			
M	ITEM 304	0.38	20/1		15 B 16		20/1	0.30	ITEM 501	M			
M	ITEM 300	0.89	20/1		17 C 18		20/1	0.90	ITEM 502	M			
M	ITEM 208	1.14	20/1		19 A 20		20/1	0.67	ITEM 503	R			
M	ITEM 207	1.01	20/1		21 B 22		20/1	1.92	ITEM 700	R			
	SPARE		20/1		23 C 24		20/1	1.92	ITEM 700	R			
R	ITEM 206	1.08	20/1		25 A 26		20/1	1.92	ITEM 700	R			
R	ITEM 205	1.10	20/2		27 B 28		20/1	1.92	ITEM 700	R			
R		1.10			29 C 30		20/1	1.22	ITEM 701	M			
R	ITEM 204	0.09	20/2		31 A 32		25/2	2.00	ITEM 801	R			
R		0.90			33 B 34		2.00			R			
R	ITEM 204	0.90	20/2		35 C 36		25/2	2.00	ITEM 801	R			
R		0.90			37 A 38		2.00			R			
R	ITEM 202.1	0.60	20/1		39 B 40		25/2	2.00	ITEM 801	R			
M	ITEM 202	0.51	20/1		41 C 42		2.00			R			
M	ITEM 200	2.25	20/1		43 C 44		20/1	0.18	RCPT PREP AREA	R			
R	ITEM 200.1 CNTRL	1.80	20/1		45 C 46		20/1	0.18	RCPT PREP AREA	R			
R	ITEM 200.1 LTG	1.80	20/1		47 C 48		20/1	0.18	RCPT PREP AREA	R			
M	ITEM 200.1 EX FAN	1.30			49 C 50		20/1	0.36	RCPT	R			
M		1.20	20/3		51 C 52		20/1		SPARE				
M		1.30			53 C 54		20/1		SPARE				
M	ITEM 200.1 SP FAN	4.86			55 C 56		20/1		SPARE				
M		4.86	70/3		57 C 58		20/1		SPARE				
M		4.86			59 C 60		20/1		SPARE				
R	ITEM 100	0.12	20/1		61 C 62		20/1		SPARE				
R	ITEM 100	0.12	20/1		63 C 64		20/1		SPARE				
R	ITEM 103	0.42	20/1		65 C 66		20/1		SPARE				
R	ITEM 104	0.13	20/1		67 C 68		20/1		SPARE				
R	ITEM 105	0.48	20/1		69 C 70		20/1		SPARE				
R	ITEM 108	0.37	20/1		71 C 72		20/1		SPARE				
R		0.37	20/1		73 C 74		20/1		SPARE				
	ITEM 100	0.12	20/1		75 C 76		20/1		SPARE				
	SPARE		20/1		77 C 78		20/1		SPARE				
	SPARE		20/1		79 C 80		20/1		SPARE				
	SPARE		20/1		81 C 82		20/1		SPARE				
	SPARE		20/1		83 C 84		20/1		SPARE				

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PANEL: LK3													
CONN. LOAD:		93.7 KW		DEMAND LOAD:		54.6 KVA		NQOD TYPE					
		260.0 AMPs				151.6 AMPs		SQUARE D					
MAIN: 225A MCB		VOLTAGE:		208/120		, 3PH, 4W.		AIC: 22,000					
MTG: SURFACE		LOCATION:		KITCHEN SOUTH				ACTUAL AIC: X					
LOAD TYPE	REMARKS	KW	BKR.	CIRCUIT NUMBER	AND PHASE	OPT	BKR.	KW	REMARKS	LOAD TYPE			
R	ITEM G103	1.00	20/1	1	A 2		20/1	1.38	ITEM G100	M			
R	ITEM G113	1.00	20/1	3	B 4		20/1	0.80	ITEM G111	R			
R	ITEM G100	1.38	20/1	5	C 6		20/1	0.48	ITEM D201	R			
R	ITEM G112	1.00	20/1	7	A 8		20/1	1.00	ITEM G110	R			
R	ITEM G100	1.00	20/1	9	B 10		20/1	1.38	ITEM G101	M			
R	ITEM G100	1.00	20/1	11	C 12		20/1	1.00	ITEM G109	R			
R	ITEM C251	0.48	20/1	13	A 14		20/1	1.38	ITEM G100	M			
R	ITEM A353	0.30	20/1	15	B 16		20/1	1.00	ITEM G108	R			
R	ITEM A355	0.30	20/1	17	C 18		20/1	0.40	ITEM B302	R			
R	ITEM A354	3.45	20/1	19	A 20		20/1	0.36	ITEM B303	M			
R	ITEM A354	3.45	20/1	21	B 22		20/1	0.36	ITEM B302	M			
R	ITEM A356	3.80	20/1	23	A 24		20/1	2.16	ITEM 308	R			
R	ITEM A356	3.80	20/1	25	A 26		20/1	2.16	ITEM 308	R			
R	ITEM A358	6.24	30/2	27	B 28		20/1	0.36	ITEM B303	M			
R		6.24		29	C 30		20/1	0.36	ITEM B305	R			
R	ITEM E451	0.48	20/1	31	A 32		20/1	2.16	ITEM B301	R			
R	ITEM G107	1.00	20/1	33	B 34		20/1	2.16	ITEM B301	R			
R	TVS STORE 110	0.36	20/1	35	C 36		20/1	0.36	ITEM B303	M			
SPARE		20/1		37	A 38		20/1	2.16	ITEM B301	R			
SPARE		20/1		39	B 40		20/1	2.16	ITEM B301	R			
SPARE		20/1		41	C 42		20/1	2.16	ITEM B301	R			
SPARE		20/1		43	C 44		20/1	2.16	ITEM B301	R			
SPARE		20/1		45	C 46		20/1	0.48	ITEM F401	R			
SPARE		20/1		47	C 48		20/1	13.00	ITEM F402	R			
SPARE		20/1		49	C 50		20/1	13.00	ITEM F402	R			
SPARE		20/1		51	C 52		20/1		SPARE				
SPARE		20/1		53	C 54		20/1		SPARE				
SPARE		20/1		55	C 56		20/1		SPARE				
SPARE		20/1		57	C 58		20/1		SPARE				
SPARE		20/1		59	C 60		20/1		SPARE				
SPARE		20/1		61	C 62		20/1		SPARE				
SPARE		20/1		63	C 64		20/1		SPARE				
SPARE		20/1		65	C 66		20/1		SPARE				