ELECTRICAL LEGEND

A-1 'B' — A-1 ADJACENT TO ARROW INDICATES HOMERUN OF CIRCUIT NO. 1 TO PANEL A; "B" INDICATES FIXTURE TYPE; MARKS ACROSS RACEWAY RUN INDICATES THE NUMBER OF NO. 12 CONDUCTORS; UNLESS NOTED OTHERWISE NO MARKS INDICATES TWO NO. 12 CONDUCTORS AND ONE NO. 12 GREEN GROUND CONDUCTOR IN 1/2" CONDUIT (2#12 & 1#12 GND-1/2"C)

CEILING FIXTURE

WALL BRACKET FIXTURE

2' X 2' FIXTURE; CEILING MOUNTED

2' X 2' FIXTURE WITH INTEGRAL EMERGENCY BATTERY; CEILING MOUNTED

1' X 4' FIXTURE; CEILING MOUNTED

1' X 4' FIXTURE WITH INTEGRAL EMERGENCY BATTERY; CEILING MOUNTED

EXIT SIGN; CEILING MOUNTED; ARROWS AS NOTED; SHADED SECTION INDICATES LIGHTED FACE OF EXIT SIGN

EXIT SIGN; BACK MOUNTED; ARROWS AS NOTED; SHADED SECTION INDICATES LIGHTED FACE OF EXIT SIGN

JUNCTION BOX; MOUNTED ABOVE CEILING

JUNCTION BOX; MOUNTED FLUSH IN WALL WITH BLANK COVER

DUPLEX RECEPTACLE; 125V; 20A; 3 POLE GND; MT 18" AFF TO C/L UNLESS NOTED OTHERWISE; NEMA 5-20R; HUBBELL SERIES HBL5352

CEILING MOUNTED DUPLEX RECEPTACLE; 125V; 20A; 3 POLE GND; MT FLUSH IN CEILING UNLESS NOTED OTHERWISE; NEMA 5-20R; HUBBELL SERIES HBL5352

FLOOR MOUNTED DUPLEX RECEPTACLE; 125V; 20A; 3 POLE GND; MT FLUSH IN FLOOR UNLESS NOTED OTHERWISE; NEMA 5-20R; HUBBELL SERIES HBL5352

QUAD RECEPTACLE; 125V; 20A; 3 POLE GND; MT 18" AFF TO C/L UNLESS NOTED OTHERWISE; NEMA 5-20R; HUBBELL SERIES HBL5352

DUPLEX RECEPTACLE; 125V; 20A; 3 POLE GND; GFI; MT 18" AFF TO C/L UNLESS NOTED OTHERWISE; NEMA GF-5-20R; HUBBELL SERIES GF5362

WP — LETTERS "WP" ADJACENT TO SYMBOL INDICATES GFI WEATHER RESISTANT RECEPTACLE; HUBBELL HBLGFBFHP20 SERIES WITH WEATHERPROOF COVER; HUBBELL/TAYMAC MR420CW COVER.

DUPLEX RECEPTACLE FOR TELEVISION WITH TVSS PROTECTION, LED AND ALARM; 125V; 20A; 2 POLE; 3 WIRE; GND; SEE TELECOM PLANS FOR MOUNTING DETAILS. NEMA 5-20R; HUBBELL SERIES HBL5362SA

LETTERS +XX" ADJACENT TO SYMBOL INDICATES RECEPTACLE MOUNTING HEIGHT.
+AC" = ABOVE COUNTER.
+DF" = VERIFY HEIGHT FOR DRINKING FOUNTAIN WITH MECHANICAL CONTRACTOR
+TV" = VERIFY HEIGHT OF TV WITH OWNER.

'X' — SPECIAL TYPE RECEPTACLE; 'X' DENOTES NEMA TYPE; VERIFY MOUNTING REQUIREMENTS WITH EQUIPMENT CONTRACTOR. A - 250V, 20A, 2P, 3W, NEMA L6-20R; HUBBELL SERIES HBL2320

THREE GANG COMBINATION POWER/TELECOM FLOOR BOX; ONE DUPLEX RECEPTACLE; 125V; 20A; 3 POLE GND; NEMA 5-20R; CARLON E976RFB. REFER TO FLOOR BOX DETAIL FOR SPECIFIC INFORMATION. 1-GANG IS FOR THE DUPLEX RECEPTACLE, 1-GANG IS FOR THE OWNER PROVIDED DUPLEX TELECOM OUTLET, 1-GANG IS SPARE FOR FUTURE USE.

S — WALL SWITCH; 120/277V; 20A; 1 POLE; A.C. ONLY; MT 48" AFF TO C/L; HUBBELL SERIES HBL1221

SV — WALL SWITCH; 120/277V; 20A; VACANCY SENSOR DUAL TECHNOLOGY MULTI-WAY TYPE; MT 48" AFF TO C/L; REFER TO SPECS; WATTSTOPPER #DWS-301-W.

$2P — 2 POLE, 600V, 30A TOGGLE DISCONNECT SWITCH WITH LOCKABLE ENCLOSURE

PHOTOCELL; REFER TO LIGHTING CONTROL DIAGRAM

PANEL; 120/208V; MT 72" AFF TO TOP

EXHAUST FAN; FURNISHED BY OTHERS

NON-FUSED DISCONNECT SWITCH; AMP SIZE AS NOTED

RACEWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING

RACEWAY INSTALLED CONCEALED IN FLOOR SLAB AND/OR BELOW GRADE

RACEWAY INSTALLED EXPOSED

FLEXIBLE CONDUIT CONNECTION

CONDUIT STUB UP WITH FLEXIBLE CONDUIT CONNECTION TO EQUIPMENT

DATA SYSTEM WALL OUTLET WITH ONE(1) RJ-45 JACK AND COVERPLATE; MT 18" AFF TO C/L UNLESS NOTED OTHERWISE - INSTALL 3/4"C WITH PULLRIBBON UP INTO NEAREST ACCESSIBLE CEILING SPACE.

DATA SYSTEM WIFI OUTLET WITH ONE(1) RJ-45 JACK AND COVERPLATE; MT ABOVE CEILING UNLESS NOTED OTHERWISE - INSTALL 3/4"C WITH PULLRIBBON TO NEAREST ACCESSIBLE CEILING SPACE.

FIRE SPRINKLER SYSTEM FLOW/TAMPER SWITCH

FIRE ALARM SYSTEM AUTOMATIC AIR DUCT SMOKE DETECTOR

ABBREVIATIONS

AFF	- ABOVE FINISHED FLOOR
C.	- CONDUIT
C/L	- CENTERLINE
EC	- ELECTRICAL CONTRACTOR
EF	- EXHAUST FAN
EMT	- ELECTRICAL METALLIC TUBING
GND	- GROUND CONDUCTOR
GFI	- GROUND FAULT PROTECTION
IMC	- INTERMEDIATE METAL CONDUIT
LSI	- INDICATES BREAKER SETTING (LONG, SHORT, INSTANTANEOUS)
LTG	- LIGHTING
LTS	- LIGHTS
PVC	- POLYVINYL CHLORIDE CONDUIT
REC	- RECEPTACLE
UNO	- UNLESS NOTED OTHERWISE
EWH	- ELECTRIC WATER HEATER
WP	- WEATHERPROOF
RTU	- ROOFTOP AIR CONDITIONER
NEC	- NATIONAL ELECTRIC CODE (NFPA-70)
NFPA	- NATIONAL FIRE PROTECTION ASSOCIATION

Sheet Index

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ELECTRICAL DEMOLITION NOTES

1. PLANNED INTERRUPTIONS OF UTILITY SERVICE TO ANY FACILITY OR AREAS WITHIN ANY FACILITY AFFECTED BY THIS CONTRACT, SHALL BE CAREFULLY PLANNED AND COORDINATED WITH THE FACILITY PERONNEL IN ADVANCE OF THE REQUESTED INTERRUPTION. THE CONTRACTOR SHALL NOT INTERRUPT SERVICES UNTIL SPECIFIED APPROVAL HAS BEEN GRANTED. THE REQUEST SHALL INDICATE SERVICES AND AREAS TO BE AFFECTED, DATE AND TIME OF INTERRUPTION AND DURATION OF OUTAGE. REQUEST FOR INTERRUPTION OF SERVICE WILL NOT BE APPROVED UNTIL ALL EQUIPMENT AND MATERIAL REQUIRED FOR THE COMPLETION OF THAT PARTICULAR PHASE OF WORK ARE ON THE JOB SITE.
2. ALL DEMOLITION WORK REQUIRED SHALL BE PERFORMED WITH CARE SO AS NOT TO INTERRUPT OTHER EXISTING SERVICES (WATER, GAS, ELECTRICAL, SEWER, SPRINKLERS, ETC.). IF ACCIDENTAL UTILITY INTERRUPTION, DAMAGE, ETC., RESULTS FROM WORK PERFORMED BY THE CONTRACTOR, THE AFFECTED UTILITY OR SERVICE SHALL BE RETURNED TO ITS ORIGINAL CONDITION WITHOUT DELAY, BY AND AT THE EXPENSE OF THE CONTRACTOR, USING SKILLED WORKMEN OF THE TRADE INVOLVED.
3. REMOVE ALL OUTLETS, PULL BOXES, JUNCTION BOXES, ETC., AS REQUIRED TO COMPLETELY REMOVE THE ELECTRICAL ITEMS SHOWN FOR DEMOLITION UNLESS NOTED TO REMAIN. DISCONNECT AND REMOVE ALL ELECTRICAL PROVISIONS TO EQUIPMENT BEING REMOVED.
4. REMOVE ALL WIRING, CONDUIT, RACEWAYS, OUTLET BOXES, SUPPORTING APPARATUS ETC., AS REQUIRED.
5. SYMBOLS SHOWN ARE TYPICAL AND LOCATIONS ARE APPROXIMATE AND ARE NOT INTENDED TO LIMIT THE AMOUNT OF DEMOLITION. COORDINATE WITH EXISTING CONDITIONS AND THESE NOTES AND REMOVE ALL APPLICABLE SYSTEMS AND COMPONENTS CONFLICTING WITH FINISHED DESIGN INTENT.
6. EXISTING BRANCH WIRING SHOWN IS DIAGRAMMATICAL ONLY AND IS BASED UPON EXISTING AS-BUILT DRAWINGS AND SURVEYS. COORDINATE WITH ACTUAL EXISTING CONDITIONS FOR NUMBER OF CONDUCTORS PER CONDUIT AND EXACT LOCATIONS OF CONDUIT RUNS AND EQUIPMENT.
7. ALL FEEDERS, SYSTEMS, CONTROL WIRING, MISCELLANEOUS AUXILIARY SYSTEMS, ETC., PASSING THROUGH THE AREA OF WORK SHALL BE MAINTAINED AT ALL TIMES, REMAIN IN SERVICE, CONTINUOUS AND UNINTERRUPTED. ANY DAMAGE, DISRUPTION OR DISCONNECTION SHALL BE IMMEDIATELY REPAIRED, REPLACED AND/OR REROUTED AS REQUIRED TO MAINTAIN CONTINUITY OF SYSTEMS. ANY EXISTING SERVICE OR OPERATING SYSTEM WHICH MUST BE INTERRUPTED SHALL BE SUPPLIED WITH A TEMPORARY SERVICE FOR CONTINUATION OF THE NORMAL OPERATIONS OF THE FACILITY.
8. ANY EQUIPMENT THAT REQUIRES REMOVAL FROM EXISTING LOCATION FOR RE-USE OR TO BE RETURNED TO OWNER SHALL BE INSPECTED AND TESTED TO CONFIRM EQUIPMENT OPERATES AS INTENDED. OWNER SHALL BE NOTIFIED OF ANY EQUIPMENT THAT DOES NOT OPERATE AS INTENDED BEFORE REMOVAL.
9. CONCEALED CONDUIT THAT CANNOT BE REMOVED DUE TO INACCESSIBILITY MAY BE ABANDONED. CONDUCTORS SHALL BE REMOVED AND CONDUIT CUT FLUSH WITH SURFACE. INSTALL PLUG 6" INTO CONDUIT AND FILL REMAINING CONDUIT WITH CONCRETE, GROUT, OR OTHER PERMANENT FILLER FLUSH WITH SURFACE.
10. OUTLET BOXES THAT CANNOT BE REMOVED DUE TO FLUSH MOUNTING IN PARTITIONS SHALL BE FILLED WITH GROUT, PATCHED AND FINISHED FLUSH TO MATCH EXISTING WALL CONDITIONS.
11. IN GENERAL, THE WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
    a. PROVIDE ALL DEMOLITION AS REQUIRED OF EXISTING SYSTEMS REMOVING ALL ITEMS THAT CONFLICT WITH FINISHED DESIGN INTENT AS INDICATED ABOVE.
    b. MODIFY, REPLACE, REPAIR, REVISE ETC., EXISTING SYSTEMS AND/OR EQUIPMENT.
    c. EXTEND EXISTING SYSTEMS AS REQUIRED TO FUNCTION AS SPECIFIED AND IN ACCORDANCE WITH SYSTEM REQUIREMENTS.
    d. NEW SYSTEM COMPONENTS SHALL MATCH EXISTING SYSTEMS PROVISIONS AND BE COMPLETELY COMPATIBLE AND IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. WHEN REQUIRED, APPROVAL FROM A SYSTEM MANUFACTURER SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO INSTALLING ANY NEW EQUIPMENT OR DEVICES TO AN EXISTING SYSTEM.
    e. ALL EQUIPMENT, DEVICES, OUTLETS, COMPONENTS, ETC., TO BE REUSED SHALL BE CLEANED, REPAIRED AND PLACED IN OPERATING CONDITION. LUMINARIES NOTED TO BE REUSED SHALL BE CLEANED, REPAIRED, PROVIDED WITH NEW LAMPS AND PLACED IN OPERATING CONDITION.
    f. EXISTING OUTLET BOXES MAY BE USED AS NOTED IF OF THE PROPER CONFIGURATION AND SIZE REQUIRED. MODIFICATIONS SHALL BE MADE WHEN REQUIRED SUCH AS PROVIDING EXTENSION RINGS, LOCKNUTS, BUSHINGS, ETC.
    g. EXISTING PANELBOARDS SHALL BE UTILIZED TO THE EXTENT SHOWN ON THE DRAWINGS AND MODIFIED AS REQUIRED TO FACILITATE THE NEW REQUIREMENTS AS INDICATED HEREIN OR SHOWN ON THE DRAWINGS. NEW CIRCUIT BREAKERS SHALL BE OF THE SAME MANUFACTURER, FRAME SIZE, SHORT CIRCUIT RATING AND TYPE AS EXISTING. WHERE APPLICABLE, THE CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ADDITIONAL MOUNTING HARDWARE AS REQUIRED BY THE MANUFACTURER.
    h. WHEN EXISTING DEVICES, SWITCHES, EQUIPMENT ETC., ARE NOTED TO BE REMOVED AND THE CIRCUIT(S) SERVING SUCH ITEMS SERVES OTHER ITEMS OR DEVICES WHICH ARE TO BE MAINTAINED, THE CONTRACTOR SHALL REROUTE, EXTEND, MODIFY, ETC., EXISTING CIRCUITS AS REQUIRED TO MAINTAIN COMPLETE AND OPERATING SYSTEMS.

ELECTRICAL GENERAL NOTES

A. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.

B. RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.

C. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGHING-IN WALL FOR SWITCHES.

D. LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR MECHANICAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL MECHANICAL EQUIPMENT LOCATION TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.

E. FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.

F. ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.

G. ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.

H. PROVIDE GREEN GROUND CONDUCTOR IN ALL CIRCUITS - SIZE PER N.E.C.

I. ALL EXPOSED CONDUITS, BOXES, STRAPS AND HANGERS IN THE CONTRACT AREA WHETHER NEW OR EXISTING THAT ARE PART OF THE ELECTRICAL SYSTEM SHALL BE PAINTED TO MATCH ADJACENT FINISH.

J. GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.

K. THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE MECHANICAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.

L. THE ELECTRICAL CONTRACTOR SHALL PROVIDE FAULT CURRENT CALCULATIONS FOR THE SERVICE EQUIPMENT AND SHALL MARK THE EQUIPMENT WITH THE AVAILABLE FAULT CURRENT AND DATE OF THE CALCULATION PER NEC 110.24. REFER TO TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL.

M. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ARC FAULT LABELS PER NFPA 70E ARTICLE 110.16 FOR NEW EQUIPMENT. THE OWNER SHALL PROVIDE AVAILABLE CALCULATION DATA FOR THE EXISTING EQUIPMENT IN THE ELECTRICAL SYSTEM. REFER TO TYPICAL ARC FLASH HAZARD LABEL DETAIL.

N. PROVIDE NEUTRAL AT ALL LINE VOLTAGE SWITCH LOCATIONS PER N.E.C. 404.2(C).

O. PROVIDE 'LSI' TRIP UNITS FOR ALL BREAKERS GREATER THAN OR EQUAL TO 200A.

P. PROVIDE BUSHINGS ON ALL CONDUIT.

Q. COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE AND THE NATIONAL ELECTRIC CODE. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES.

R. OBTAIN ARCHITECTS APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, ETC. PRIOR TO PURCHASING.

S. THE ELECTRICAL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL NOT SO INSTALLED SHALL BE REMOVED AND REPLACED AT NO COST TO THE OWNER.

T. ALL WORK SHALL BE INSTALLED IN CONCEALED TYPE CONSTRUCTION. UNDERGROUND CONDUITS UP TO FIRST BOX IN CONCEALED CONSTRUCTION MAY BE SCH.40 PVC. EXTERIOR EXPOSED WORK SHALL BE I.M.C. BRANCH CIRCUIT CONDUIT RUN IN OPEN SPACES ABOVE CEILING OR IN WALLS MAY BE THINWALL (E.M.T.) CONDUIT 1/2" MIN. SIZE.

U. ALL CONDUCTORS LESS THAN 100A. SHALL BE COPPER #12 & #10 SOLID, #8 AND LARGER STRANDED, #6 AND SMALLER TO BE TYPE THWN, 600 VOLT INSULATION AND TYPE THWN OR THHN FOR #4 AND LARGER. ALUM. CONDUCTORS MAY BE USED FOR 100A. AND LARGER ONLY WHERE USED WITH COMPRESSION TERMINATIONS.

V. PROVIDE GROUNDING PER NATIONAL ELECTRIC CODE.

W. THE CONTRACTOR SHALL LEAVE THE ENTIRE ELECTRICAL SYSTEM INSTALLED IN PROPER WORKING ORDER, AND SHALL REPLACE WITHOUT ADDITIONAL COST, ALL WORK OR MATERIAL WHICH MAY DEVELOP DEFECTS, (ORDINARY WEAR AND TEAR OR DAMAGE RESULTING FROM IMPROPER HANDLING EXCEPTED) WITHIN A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.

CHRISTOPHER A. GARICK CERTIFICATE No. 53924 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Christopher A Garick
Date: 2026.09.02 12:08:38 -05'00'

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25024 Job No.

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Step One Automotive Group
CDJR Renovation
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FOR WALTON BEACH, FLORIDA

CHRISTOPHER A. GARICK LICENSE No. 53924 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: JUL 16, 2026
DRAWN BY: R.ENGLE / C.PASTORIUS
PROJECT NO: 2519
REVISIONS:
SCHEMATIC REVIEW

LEGEND AND NOTES

E1.00

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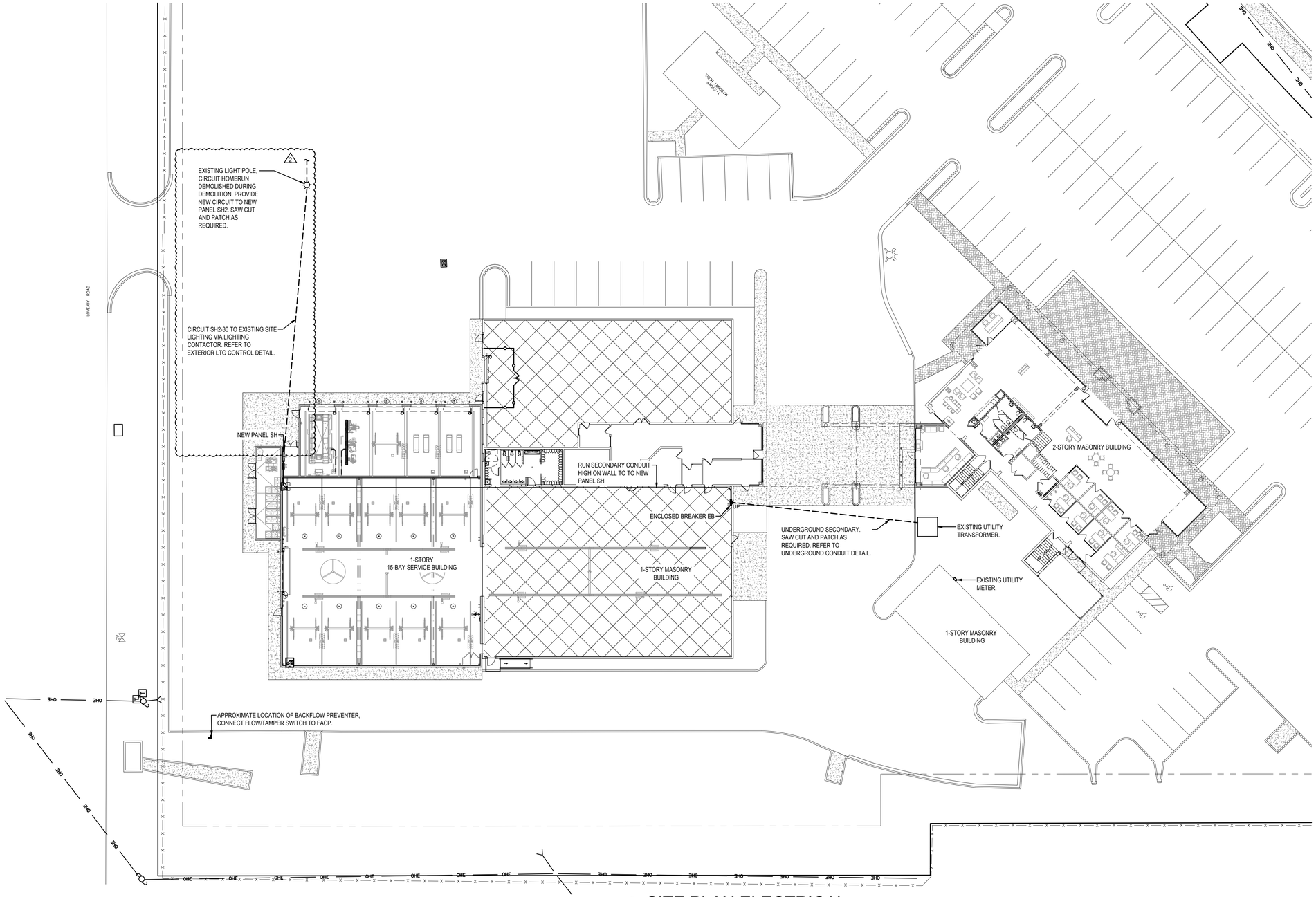

SITE PLAN ELECTRICAL

1" = 20'-0"

0 10' 20' 40'

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SITE PLAN ELECTRICAL

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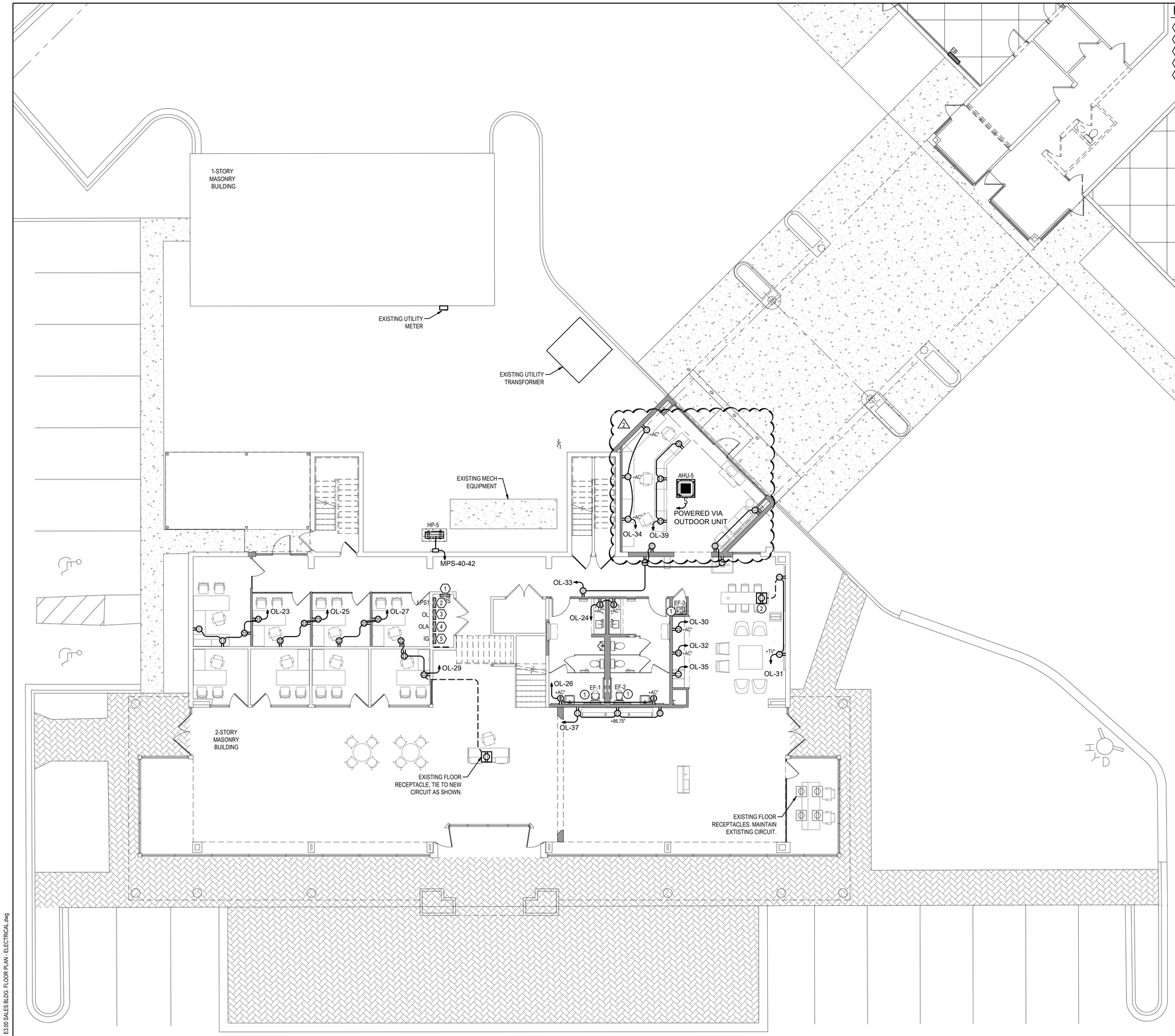

KEYNOTES

1. EX. PANEL-MPS
2. EX PANEL-LPS1
3. EX PANEL-OL
4. EX PANEL-OLA
5. EX PANEL-IG

NOTES:

1. REFER TO LIGHTING PLANS FOR EXHAUST FAN CONNECTION.
2. INSTALL NEW FLOOR BOX FOR CONNECTION TO "TECH BAR". COORDINATE LOCATION WITH OWNER PRIOR TO ROUGHING IN FRO LOCATION. SAW,CUT AND PATCH EXISTING FLOOR AND CONNECT TO NEAREST RECEPTACLE AS INDICATED.

SALES BLDG. FLOOR PLAN - ELECTRICAL

1/8" = 1'-0" 0 4' 8' 16'

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SALES BLDG. FLOOR
PLAN - ELECTRICAL

E3.00

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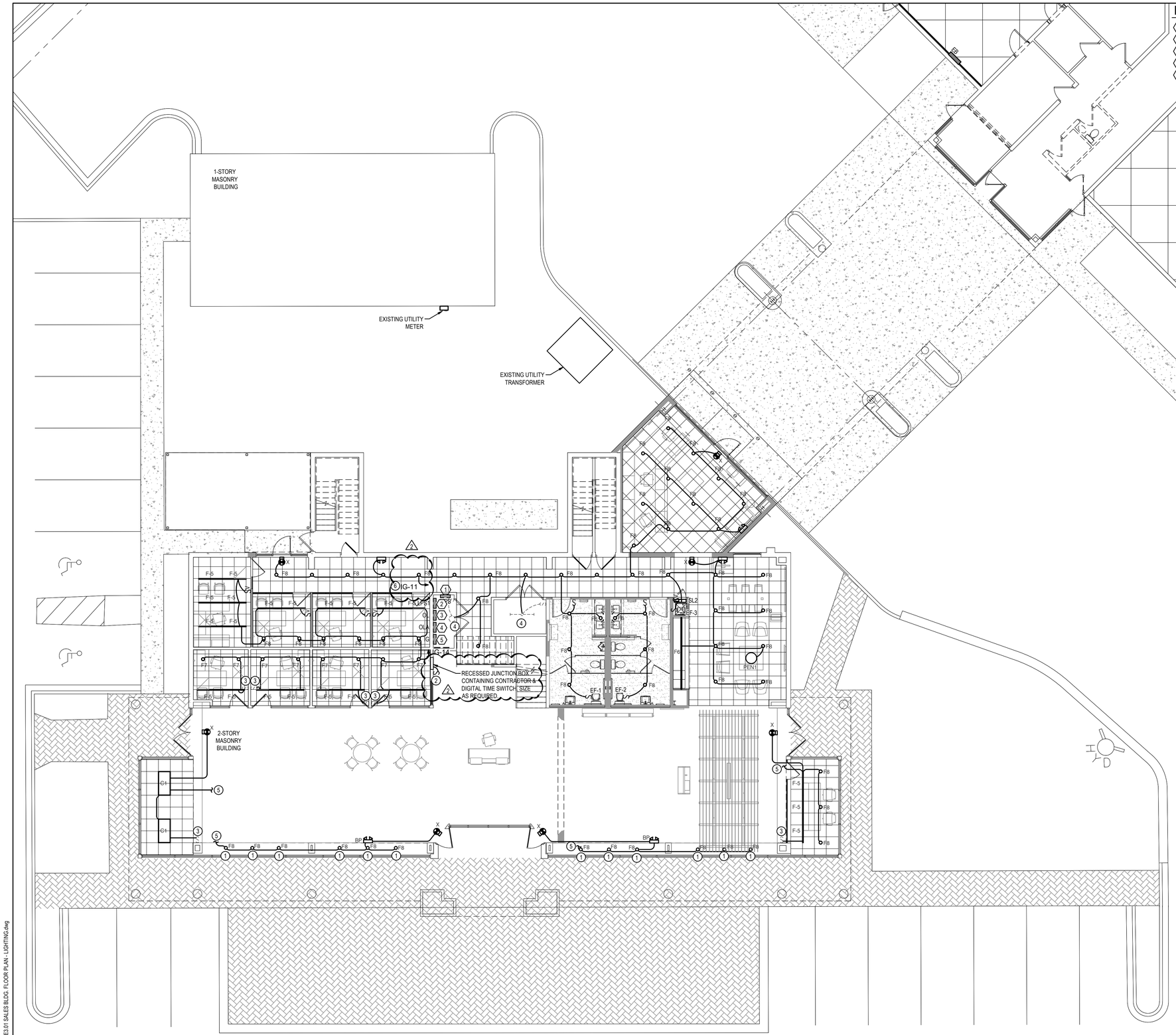

KEYNOTES

1. EX. PANEL-MPS
2. EX PANEL-LPS1
3. EX PANEL-OL
4. EX PANEL-OLA
5. EX PANEL-IG

NOTES:

1. DOWNLIGHTS TO BE REPLACED ARE LOCATED IN SOFFIT AT 8' AFG. PROVIDE GOOF RING.
2. MANUAL OVERRIDE TOGGLE SWITCH CONTROLLING ALL FIXTURES IN SALES FLOOR, CUSTOMER LOUNGE, & BACK HALLWAY. REFER TO LIGHTING CONTROL FOR THE SALES AREA.
3. RECONNECT NEW LIGHTS IN THIS SPACE TO SWITCH PREVIOUSLY SERVING SPACE.
4. EXISTING LIGHTING AND CONTROLS TO REMAIN, CONNECT SPACE TO NEW LIGHTING CIRCUIT AS INDICATED.
5. EXTEND TO LIGHTING CIRCUIT ABOVE. REFER TO 2ND FLOOR LIGHTING PLAN.
6. LIGHTING CIRCUIT TO LAND ON CONTACTOR BEFORE CONTINUING TO PANEL.

SALES BLDG. FLOOR PLAN - LIGHTING

1/8" = 1'-0" 0 4' 8' 16'

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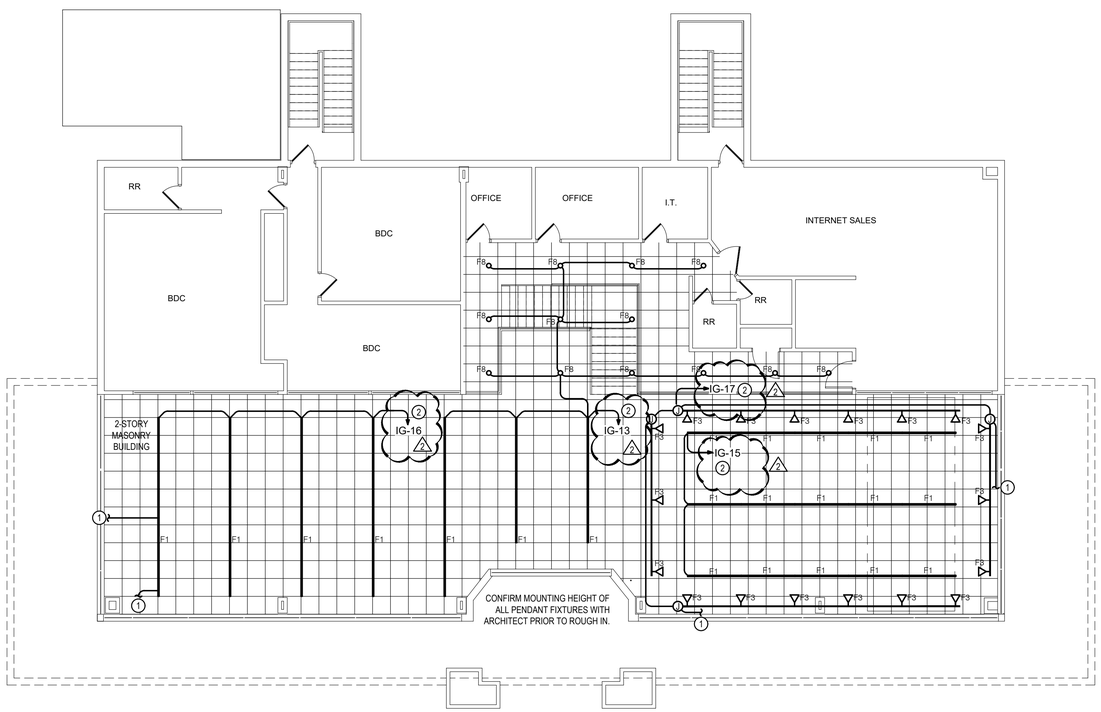
SALES BLDG. FLOOR
PLAN - LIGHTING

E3.01

CPASTORIUS - 10:39 AM - E3.01 SALES BLDG. FLOOR PLAN - LIGHTING.dwg

NOTES:

1. EXTEND TO LIGHTING CIRCUIT BELOW. REFER TO 1ST FLOOR LIGHTING PLAN.
2. LIGHTING CIRCUIT TO LAND ON CONTACTOR BEFORE CONTINUING TO PANEL.



SALES BLDG. 2ND FLOOR PLAN - LIGHTING

1/8" = 1'-0" 0 4' 8' 16'

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Step One Automotive Group CDJR Renovation

541 MARY ESTHER CUT-OFF NW
FOR WALTON BEACH, FLORIDA

CHRISTOPHER A. GARICK LICENSE No. 53924 STATE OF FLORIDA PROFESSIONAL ENGINEER

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PROJECT NO: 2519
REVISIONS:

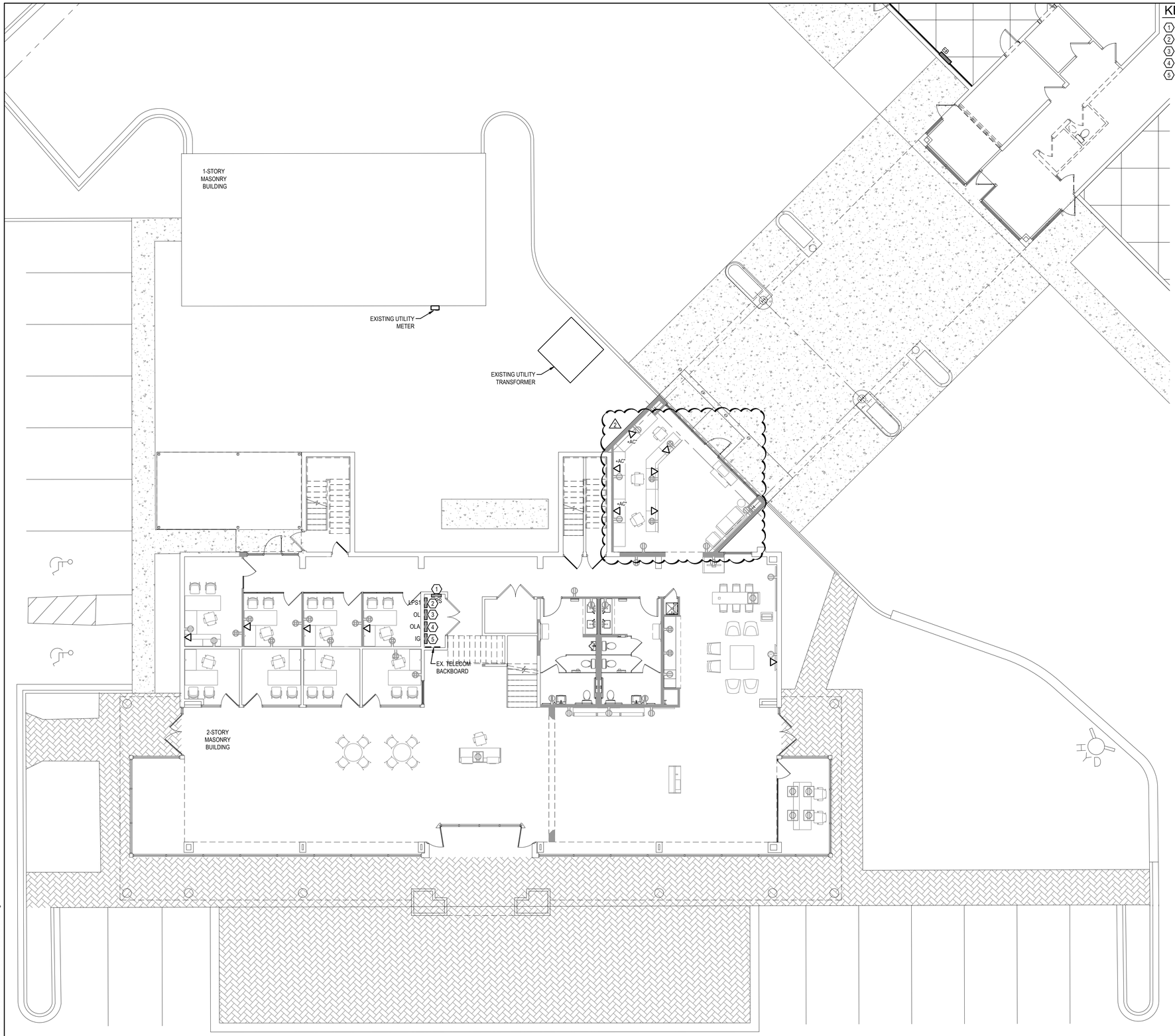
1	2026-08-21
2	
3	

SCHEMATIC REVIEW

SALES BLDG. 2ND FLOOR PLAN - LIGHTING

E3.02

CPASTORIUS - 10:39 AM - E3.02 SALES BLDG. 2ND FLOOR PLAN - LIGHTING.dwg



KEYNOTES

1. EX. PANEL-MPS
2. EX PANEL-LPS1
3. EX PANEL-OL
4. EX PANEL-OLA
5. EX PANEL-IG

SALES BLDG. FLOOR PLAN - MISC. SYSTEMS

1/8" = 1'-0" 0 4' 8' 16'

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REVISIONS: 1 2026-07-27; 2 2026-08-21

SCHEMATIC REVIEW

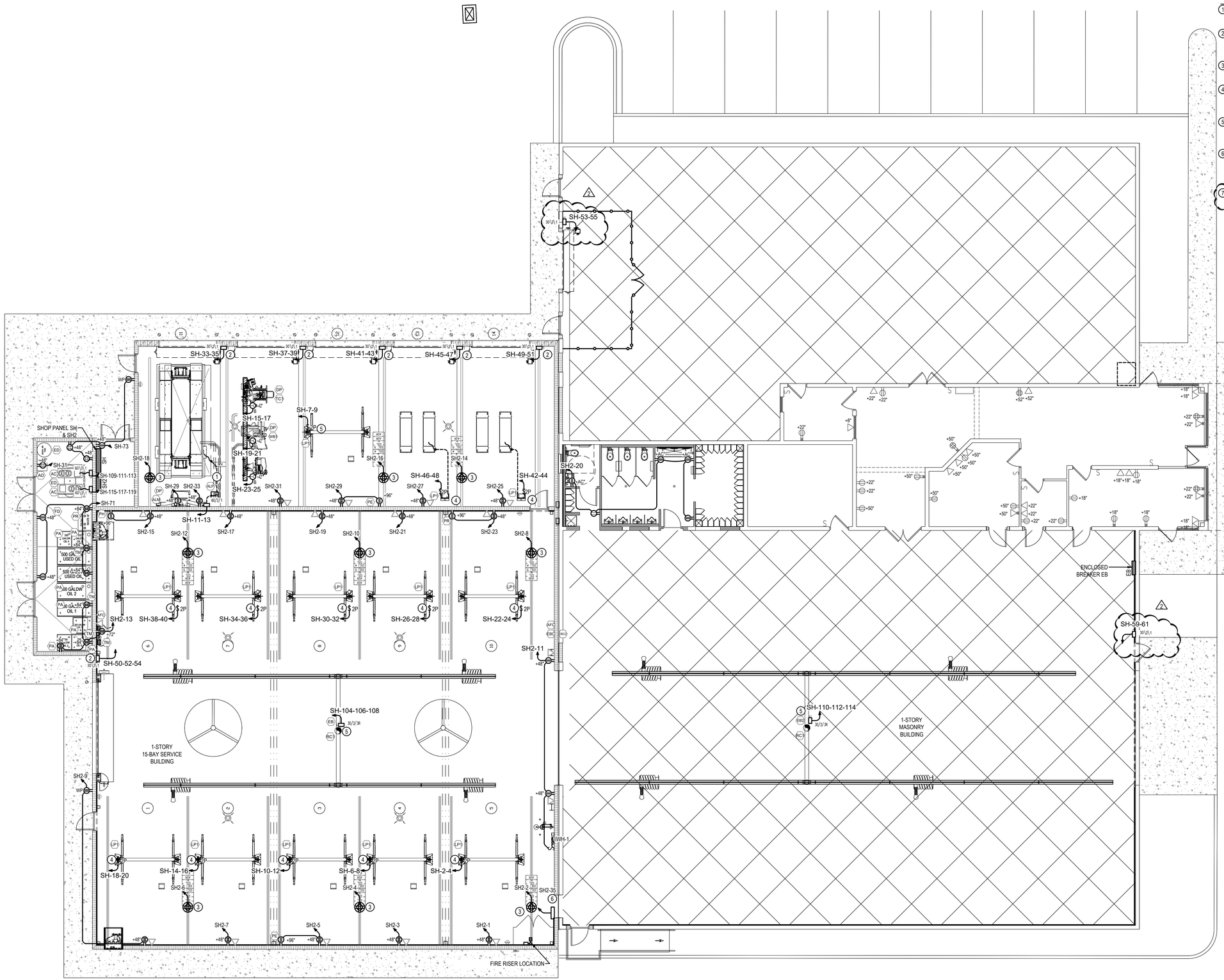
SALES BLDG. FLOOR PLAN - MISC. SYSTEMS

E3.03

C:\PASTORIUS - 10:39 AM - E3.03 SALES BLDG. FLOOR PLAN - MISC. SYSTEMS.dwg

NOTES:

1. INSTALL 4" EMPTY PVC CONDUIT WITH PULLRIBBON FOR HYDRAULIC LINES BEING INSTALLED BY OTHERS.
2. INSTALL DISCONNECT (SIZE AS INDICATED) FOR ROLL-UP DOOR POWER. COORDINATE ALL INSTALLATION REQUIREMENTS WITH DOOR INSTALLER PRIOR TO ROUGHING IN FOR LOCATION.
3. CEILING MOUNTED QUAD RECEPTACLE FOR HOSE REELS; MOUNT ON TRUSSES. VERIFY LOCATION PRIOR TO ROUGH IN.
4. 3#10, 1#12 GND IN 3/4"C. ROUTE CONDUIT ALONG CEILING AND DROP DOWN TO LIFT WITH 'SOOW' CABLING AT MOTORSWITCH. PROVIDE KELLUMS GRIP AT CEILING FOR 'SOOW' CABLING.
5. EXTERIOR DISCONNECT MOUNTED TO EXHAUST BLOWER ON ROOF. CONNECT TO BLOWER MOTOR CONTROL BUTTON EBC/EBC2. REFER TO MANUFACTURER INSTRUCTIONS.
6. PROVIDE FIRE ALARM CONTROL PANEL WITH DIALER. CONNECT TO FIRE RISER, BACKFLOW PREVENTOR AND RTU-1 RTU-2 AND AHU-3 SUPPLY SIDE SMOKE DETECTORS. LOCATE FACP ON THE OUTSIDE OF THE CHAIN FENCE SURROUNDING FIRE RISER.
7. PROVIDE 3 #8 AWG C, 1 #10AWG G.



*** SPECIAL NOTE ***

ALL DEVICES AND/OR ELECTRICAL CONNECTIONS IN THIS SPACE ARE TO BE INSTALLED AT 18" AFF OR HIGHER (MINIMUM). ANY EQUIPMENT CONNECTIONS MADE BELOW 18" AFF MUST BE IN IMC OR RIGID CONDUIT AND PROVIDE 'EYS' SEAL FITTINGS.

SHOP BLDG. FLOOR PLAN - ELECTRICAL

1/8" = 1'-0" 0 4' 8' 16'

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PROJECT NO: 2519
REVISIONS: 1 2025-08-21

SCHEMATIC REVIEW

SHOP BLDG. FLOOR PLAN - ELECTRICAL

E4.00

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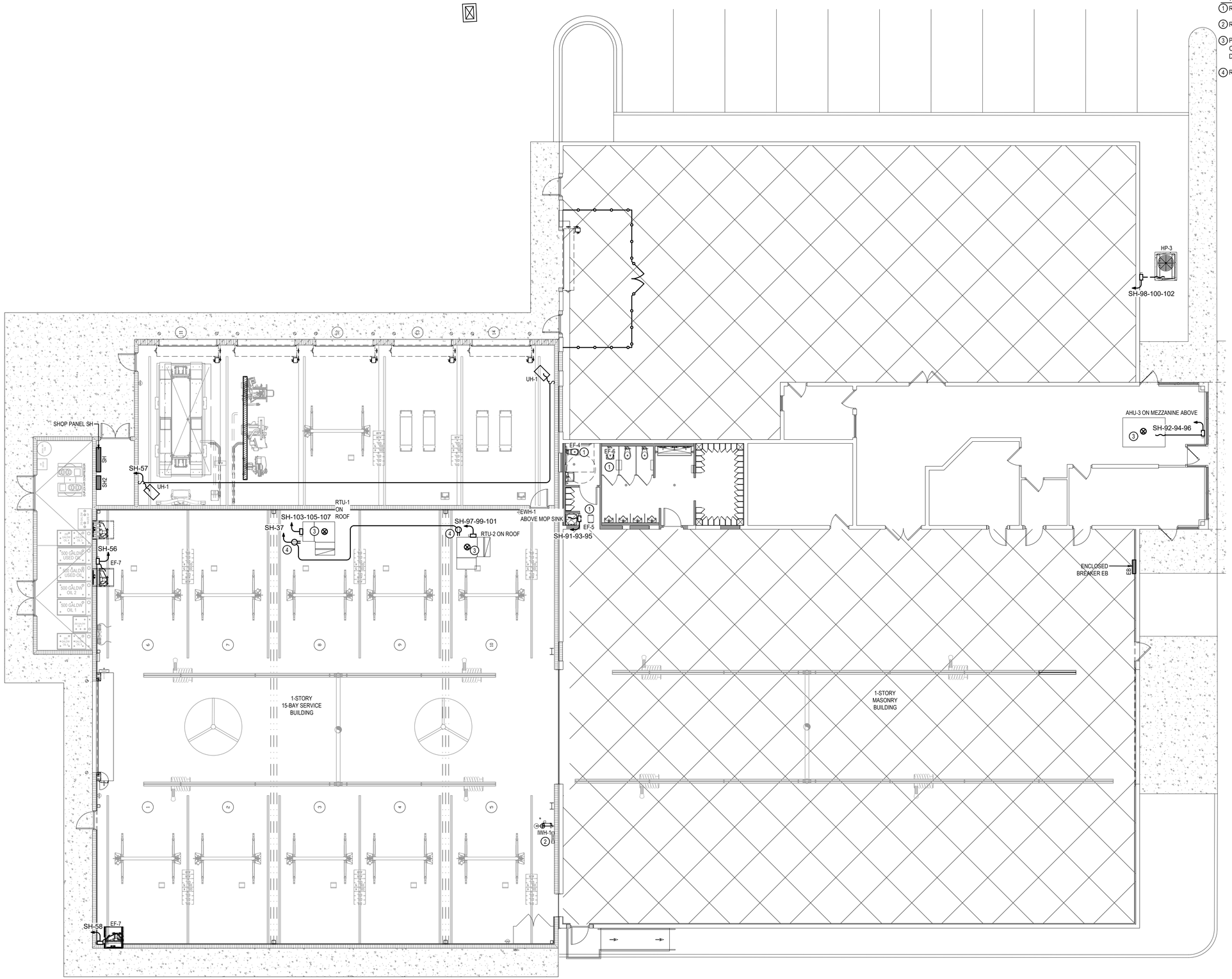
CPASTORIUS - 10:39 AM - E4.00 SHOP BLDG. FLOOR PLAN - ELECTRICAL.dwg

NOTES:

1. REFER TO LIGHTING PLANS FOR EXHAUST FAN CONNECTION.
2. REFER TO ELECTRICAL FLOOR PLAN FOR IWH-1 CONNECTION.
3. PROVIDE SUPPLY SIDE SMOKE DETECTOR FOR RTU-1, RTU-2, & AHU-3, CONNECT TO FIRE ALARM CONTROL PANEL LOCATED IN NEW SHOP. DEVICE TO AUTOMATICALLY SHUT DOWN EQUIPMENT UPON ACTIVATION.
4. REFER TO ROOF MOUNTED DISCONNECT SWITCH DETAIL.



SHOP BLDG. FLOOR PLAN - HVAC POWER

1/8" = 1'-0" 0 4' 8' 16'

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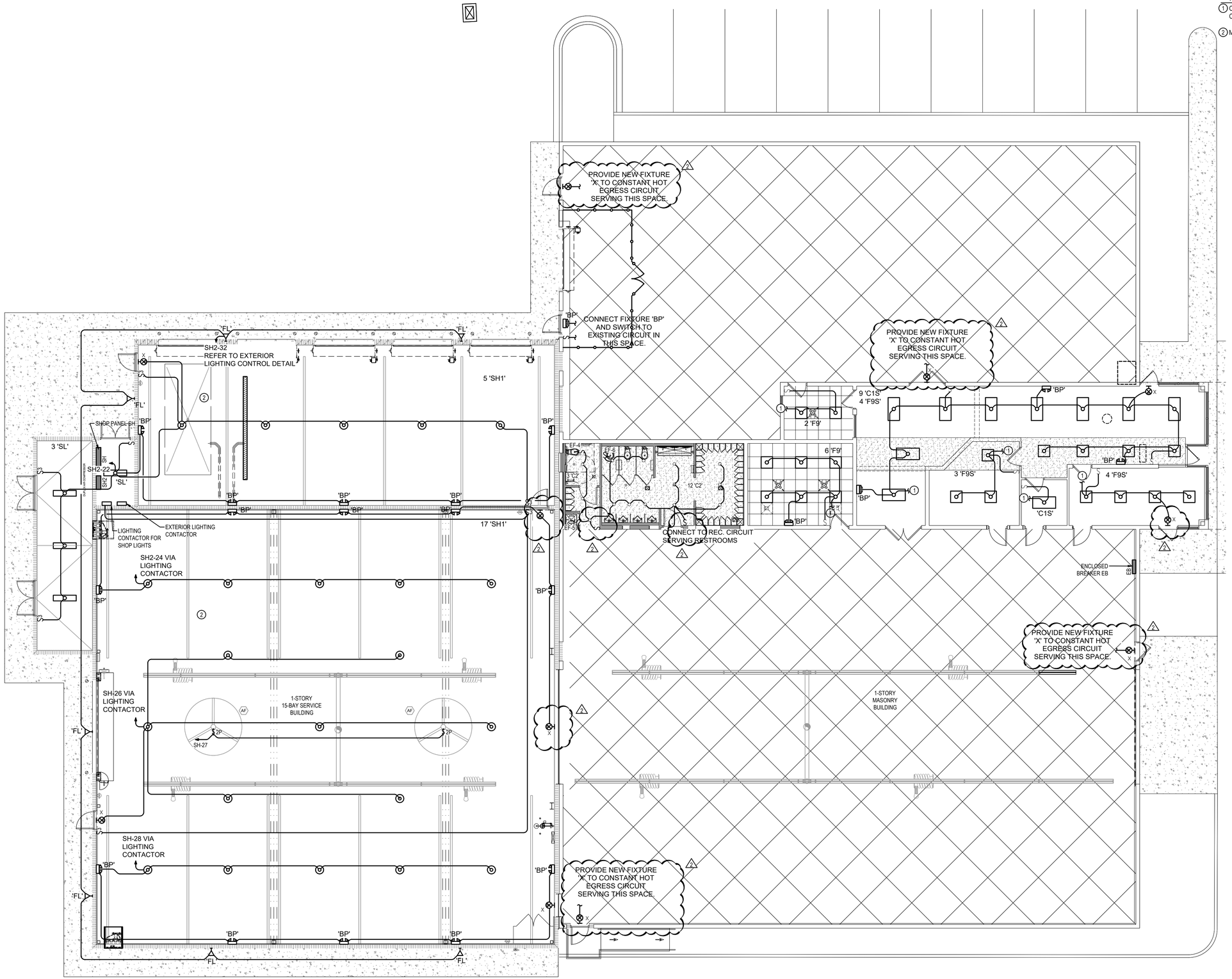
SHOP BLDG. FLOOR PLAN - HVAC POWER

E4.01

CPASTORIUS - 10:39 AM - E4.01 SHOP BLDG. FLOOR PLAN - HVAC POWER.dwg

NOTES:

1. CONNECT FIXTURES IN THIS SPACE TO EXISTING LIGHTING CONTROLS & CIRCUIT PREVIOUSLY SERVING THIS SPACE.
2. MOUNT 'BP' FIXTURES IN NEW SHOP AREA AT 10' AFF



SHOP BLDG. FLOOR PLAN - LIGHTING

1/8" = 1'-0" 0 4' 8' 16'

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SCHEMATIC REVIEW

SHOP BLDG. FLOOR PLAN - LIGHTING

E4.02

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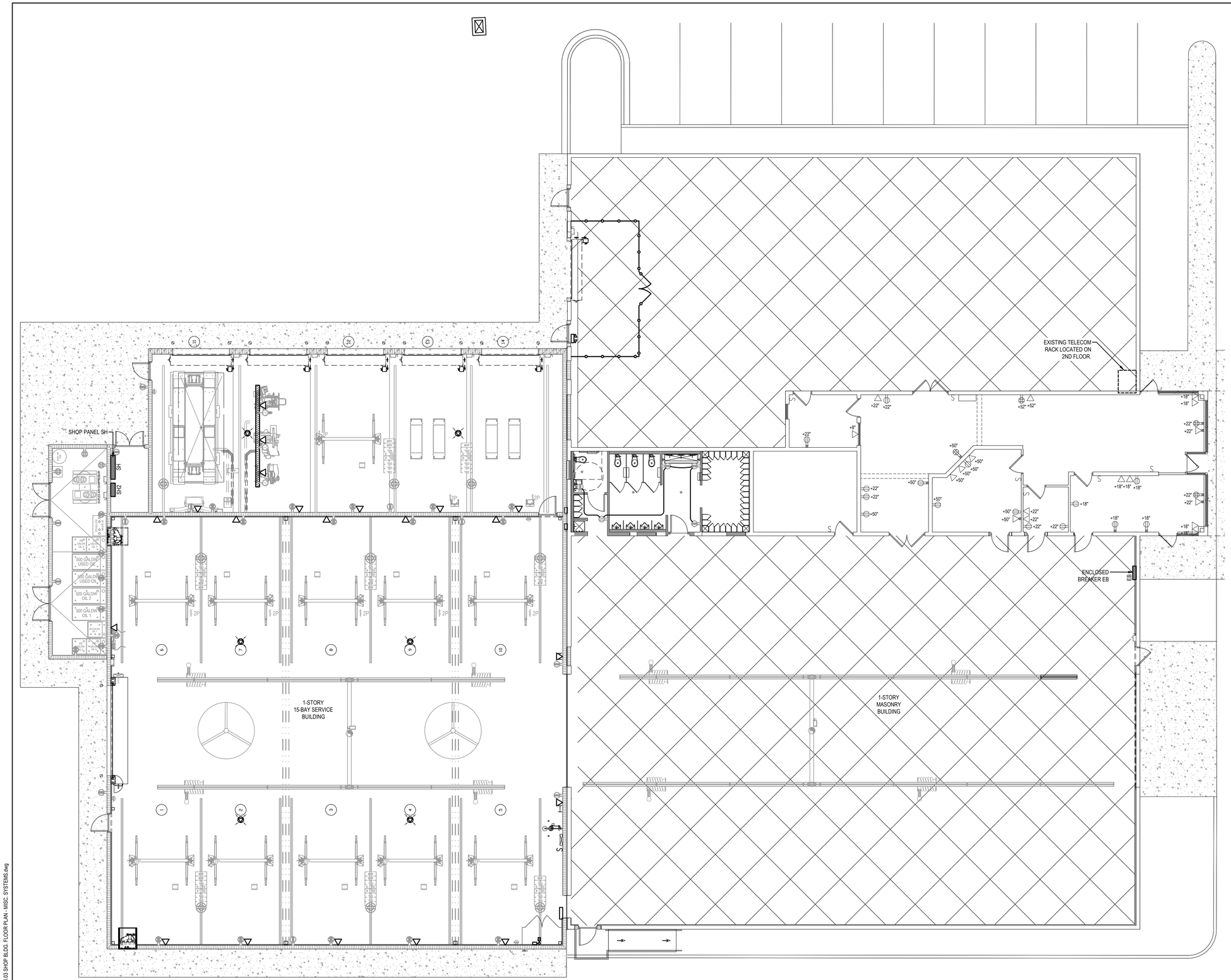
CPASTORIUS - 10:39 AM - E4.02 SHOP BLDG. FLOOR PLAN - LIGHTING.dwg



SHOP BLDG. FLOOR PLAN - MISC. SYSTEMS

1/8" = 1'-0" 0 4' 8' 16'

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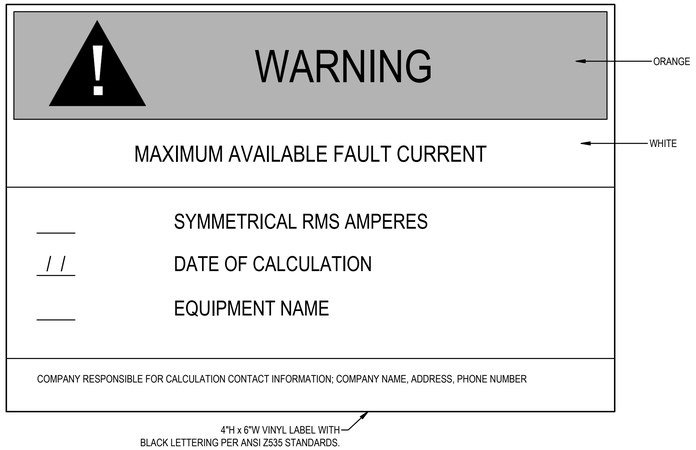
SCHEMATIC REVIEW

SHOP BLDG. FLOOR PLAN - MISC. SYSTEMS

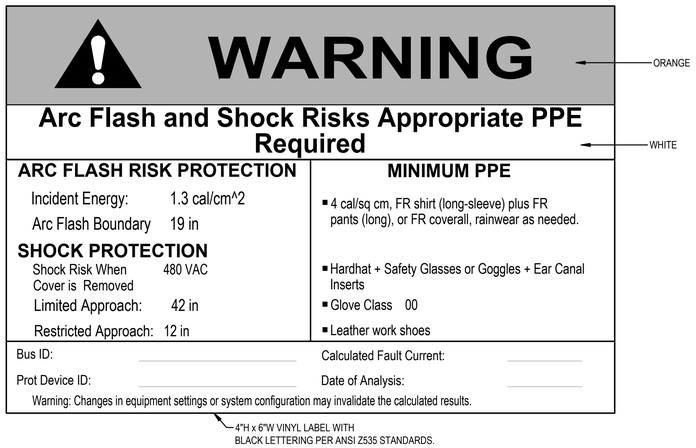
E4.03

CPASTORIUS - 10:39 AM - E4.03 SHOP BLDG. FLOOR PLAN - MISC. SYSTEMS.dwg



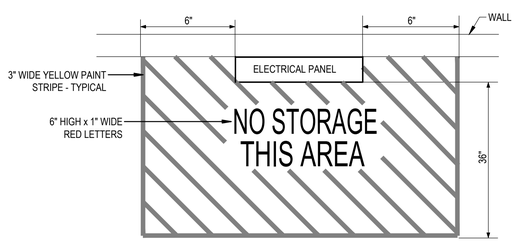
TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL

NOT TO SCALE



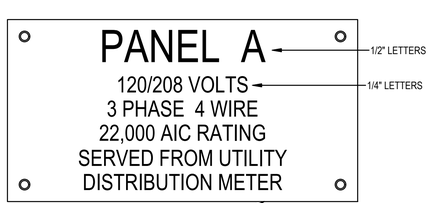
TYPICAL ARC FLASH HAZARD LABEL DETAIL

NOT TO SCALE



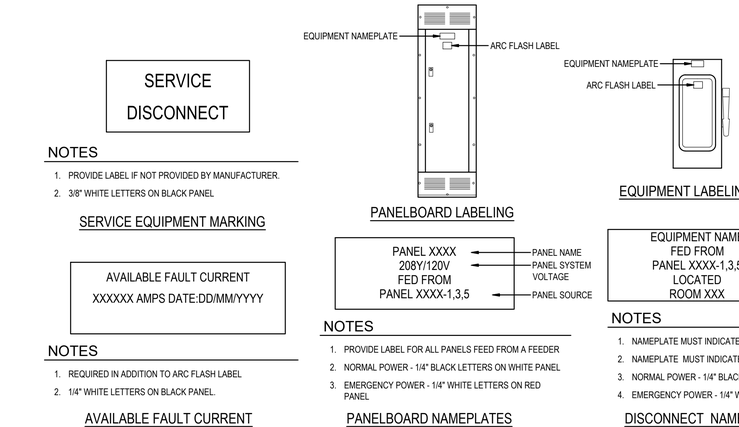
TYPICAL FLOOR MARKING AT ELECTRICAL PANELS

NOT TO SCALE



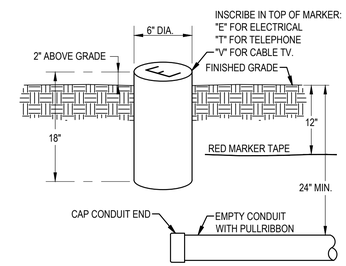
TYPICAL ELECTRICAL EQUIPMENT NAMEPLATE

NOT TO SCALE



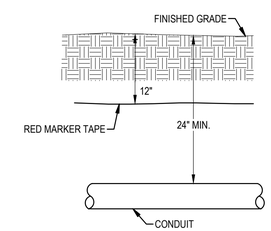
EQUIPMENT LABELING DETAILS

NOT TO SCALE



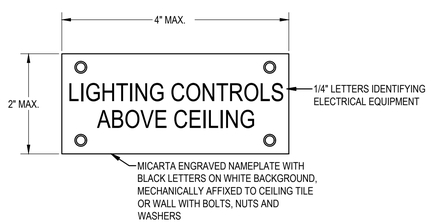
CONDUIT MARKER DETAIL

NOT TO SCALE



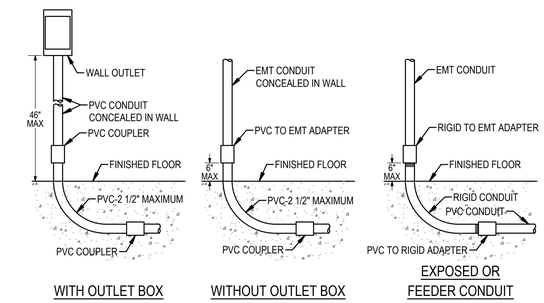
UNDERGROUND CONDUIT DETAIL

NOT TO SCALE



TYPICAL ELECTRICAL EQUIPMENT ABOVE CEILING NAMEPLATE

NOT TO SCALE

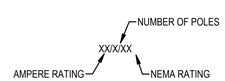


PVC STUB-UP DETAILS

NOT TO SCALE

GENERAL NOTE

REFER TO MECHANICAL SCHEDULE FOR DISCONNECT, CONDUIT, AND WIRE SIZE.



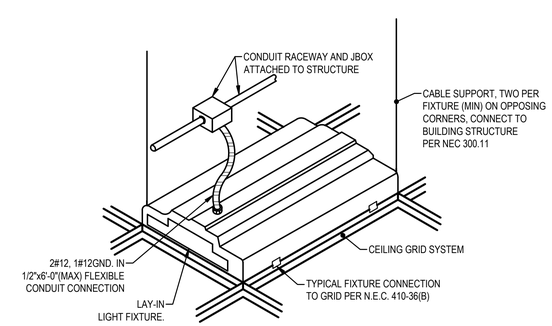
DISCONNECT SWITCH DESCRIPTION NOMENCLATURE

EXIT SIGN NOMENCLATURE

NOT TO SCALE

LIGHTING FIXTURE NOMENCLATURE

NOT TO SCALE



LAY-IN FIXTURE CABLE SUPPORT DETAIL

NOT TO SCALE

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ELECTRICAL DETAILS

E5.00

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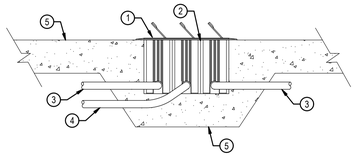


KEYNOTES

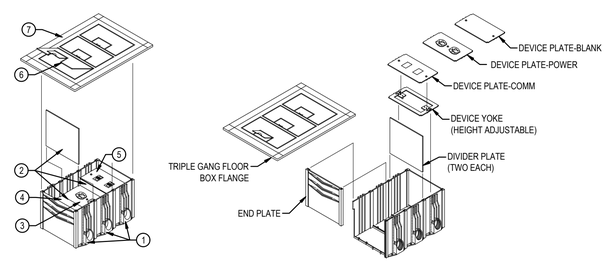
1. FLOOR BOX FLANGED COVER WITH FLOORING INSERT, BY ELECTRICAL CONTRACTOR.
2. POWER/COMMUNICATIONS PARTITION PLATE,BY ELECTRICAL CONTRACTOR.
3. EMPTY 1" COMMUNICATIONS CONDUIT WITH PULLRIBBON, RUN UNDER FLOOR TO NEAREST ACCESSIBLE WALL. STUB 3/4" UP INTO ACCESSIBLE CEILING SPACE.
4. POWER CONDUIT WITH WATERTIGHT FITTINGS, BY ELECTRICAL CONTRACTOR. RUN UNDER FLOOR TO NEAREST POWERED CIRCUIT. REFER TO ELECTRICAL FLOOR PLANS.
5. CONCRETE FLOOR SLAB, MAINTAIN THICKNESS AND CONSTRUCTION AROUND AND UNDER FORM BOX AS REQUIRED BY ARCHITECTURAL/STRUCTURAL DRAWINGS FOR STANDARD FLOOR CONSTRUCTION.

TYPICAL FLOOR BOX INSTALLATION DETAIL

NOT TO SCALE

KEYNOTES

1. MULTI-GANG FLOOR BOX, USING CARLON E976RFB FLOOR BOXES; FLANGE COLOR SELECTED BY ARCHITECT.
2. POWER/COMMUNICATIONS PARTITION PLATE, PART OF CARLON E976AK2.
3. DUPLEX RECEPTACLE PLATE, PART OF CARLON E976AK2, AND DUPLEX OUTLET BY ELECTRICAL CONTRACTOR.
4. BLANK PLATE, PART OF CARLON E976AK2, FURNISHED BY ELECTRICAL CONTRACTOR.
5. COMMUNICATIONS PLATE, PART OF CARLON E976AK2, FURNISHED BY ELECTRICAL CONTRACTOR. REFER TO OWNER FOR SPECIFIC PLATE SELECTIONS.
6. HINGED ACCESS DOOR & WIRE SHIELD FOR POWER EXTENSION CORD AND COMMUNICATIONS PATCH CORD
7. FLOOR BOX COVER, SIZED FOR NUMBER OF BOXES. SELECTION OF MATERIAL & COLOR BY ARCHITECT. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. CARLON E976 SERIES.

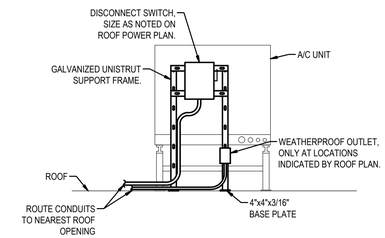


TRIPLE GANG BOX

TRIPLE GANG BOX

TYPICAL FLOOR BOX DETAIL (OPEN/CLOSED)

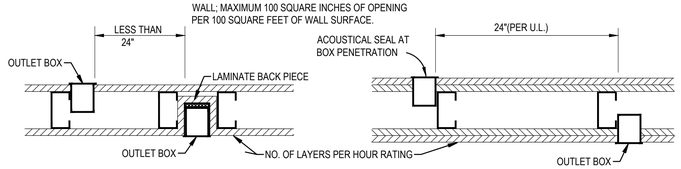
NOT TO SCALE



ROOF MOUNTED DISCONNECT SWITCH DETAIL

NTS

NOTE:
FOR ONE HOUR OR TWO HOUR FIRE OR SMOKE WALL; MAXIMUM 100 SQUARE INCHES OF OPENING PER 100 SQUARE FEET OF WALL SURFACE.

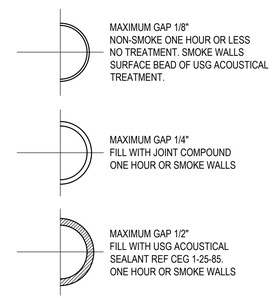


FIVE SIDED ELECTRICAL BOX

ADJACENT ELECTRICAL BOXES

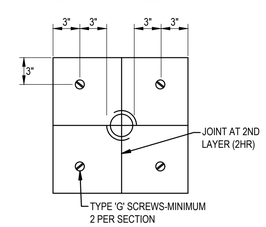
WALL DETAILS - ELECTRICAL BOX INSTALLATION

NOT TO SCALE

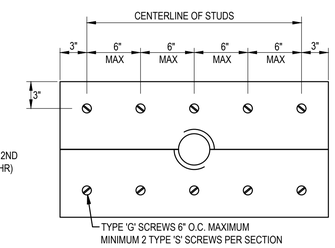


SMALL DIAMETER GAPS
IN ONE HOUR WALLS

NOTE:
BUTTER BACK SIDE OF PATCH WITH JOINT COMPOUND-DO NOT STRIKE OFF EXCESS.
LEAVE SCREWS EXPOSED



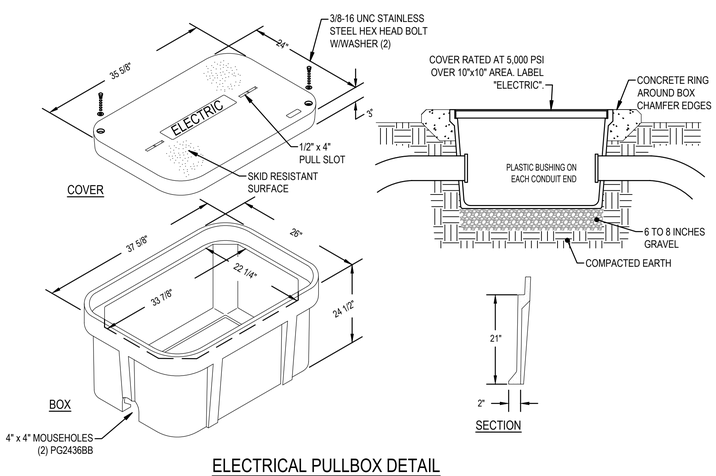
OPENINGS UP TO 3" DIA.



OPENINGS OVER 3" DIA.

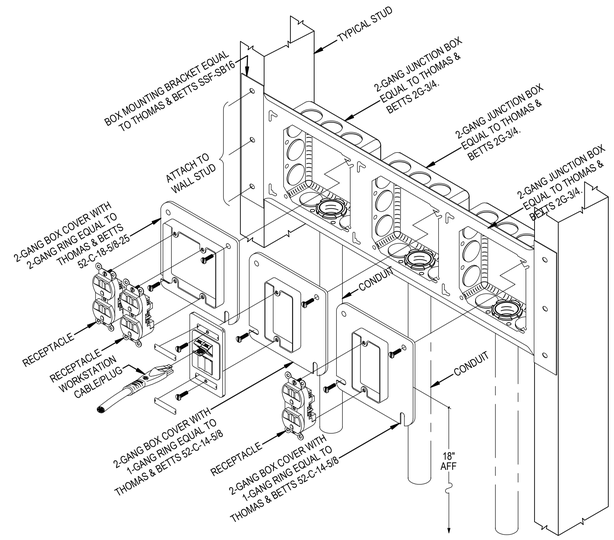
WALL PENETRATIONS -APPLIES TO ALL CORRIDOR, SMOKE AND FIRE RATED WALLS

NOT TO SCALE



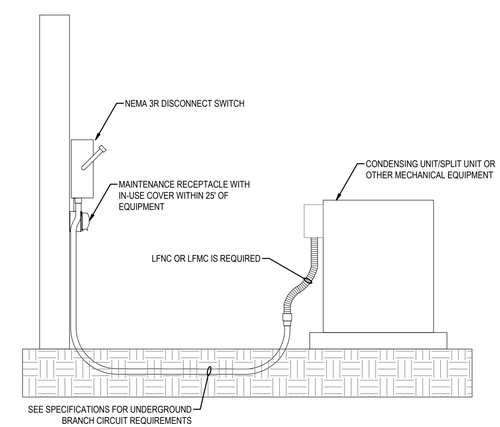
ELECTRICAL PULLBOX DETAIL

NOT TO SCALE



TYPICAL POWER/COMMUNICATIONS OUTLET INSTALLATION DETAIL

NOT TO SCALE



OUTDOOR MECHANICAL EQUIPMENT CONNECTION

NTS

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25024
Job No.

16 JUL 2026 FOR PERMIT

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Step One Automotive Group
CDJR Renovation

541 MARY ESTHER CUT-OFF NW
FOR WALTON BEACH, FLORIDA

CHRISTOPHER A. GARRICK
LICENSE
No. 53924
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

DATE: JUL 16, 2026
DRAWN BY: R.ENGLE / C.PASTORIUS
PROJECT NO: 2519
REVISIONS:
SCHEMATIC REVIEW

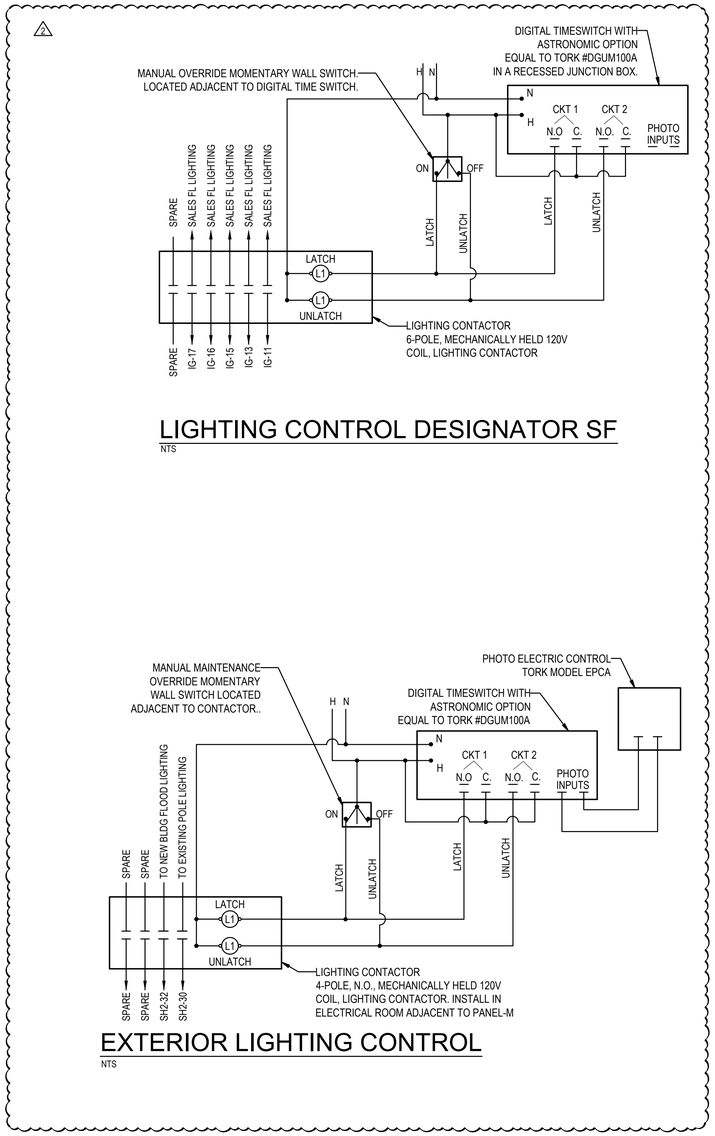
ELECTRICAL DETAILS

E5.01

CPASTORIUS - 10:40 AM - E5.01 ELECTRICAL DETAILS.dwg

LIGHTING CONTROL GENERAL NOTES

1. THE DIAGRAMS ARE NOT INTENDED TO SHOW EXACT QUANTITIES OF DEVICES. REFER TO PLAN FOR ESTIMATED DEVICE QUANTITIES AND LOCATIONS.
2. COLORS FOR ALL DEVICES AND DEVICE COVERS SHALL BE SELECTED BY THE ARCHITECT.
3. PROVIDE ADDITIONAL POWER AND CONTROL MODULES AS RECOMMENDED BY THE SYSTEM SUPPLIER.
4. THE DIAGRAMS REPRESENT A TYPICAL SYSTEM AND ARE NOT INTENDED FOR INSTALLATION, SYSTEM SUPPLIER SHALL PROVIDE INSTALLATION DRAWINGS AND WIRING DIAGRAMS.
5. E.C. SHALL COORDINATE FIELD PROGRAMMING OF LIGHTING CONTROL SYSTEM WITH SYSTEM PROGRAMMER, SPECIFYING ENGINEER, AND OWNER TO ENSURE PROPER OPERATION AND TIME SCHEDULES.
6. ALL EMERGENCY AND EXIT LIGHTING CIRCUITS SHALL BE CONNECTED TO CONTINUOUS POWER SOURCE AHEAD OF RELAY PANEL OR INDIVIDUAL RELAY COMPONENTS.



LIGHTING CONTROL DESIGNATOR SF

NTS

EXTERIOR LIGHTING CONTROL

NTS

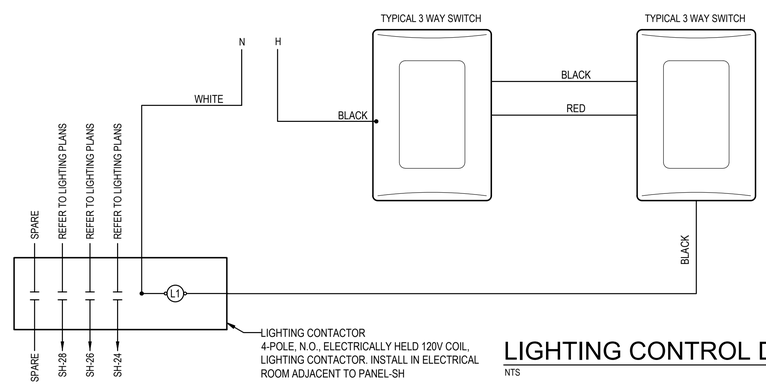
LIGHTING FIXTURE SCHEDULE

Project: 25024 - Step One Chrysler-Jeep

Note: Per electrical specifications, required alternate fixtures shall be submitted to the engineer for prior approval a minimum of (10) ten business days prior to bid date. Any required alternate fixtures not submitted for prior approval will not be reviewed.

Luminaire Designation	Manufacturer	Catalog Number	Connected Voltage	Luminaire Load (va)	Lamping Source	Color Rendering Index (CRI)	Kelvin Temperature	Mounting	Comments	Prior Approved Equal Required
C1	TECHOLED	B-2x-4-C-U-A-DM-L-W	120	50	LED	>80	4000	RECESSED GRID	RECESSED 2X4 TROFFER	YES
C1S	TECHOLED	B-2x-4-C-U-A-DM-SM-W	120	50	LED	>80	4000	RECESSED GRID	SURFACE MOUNT 2X4 TROFFER	YES
BP	H.E. WILLIAMS	EMER/LED-WHT-D	120	3	LED	N/A	N/A	WALL MOUNT 7'-0" UNLESS NOTED OTHERWISE	BATTERY PACK	YES
C2	TECHOLED	DL-R-6-CR-C-20-40-U-SFW-CB-DM	120	20	LED	>80	4000	RECESSED GRID	6" RECESSED DOWNLIGHT	YES
F1	TECHOLED	BX-2U-DI-C-HI-40-U-W-P-DM	120	17W/FT	LED	>80	4000	REFER TO DID	INDIRECT/DIRECT SUSPENDED LINEAR	YES
F3	TECHOLED	XC-HI-36-40-W-J TRACK - XT-C-120-W-P-X	120	30	LED	>80	4000	SUSPENDED X'-XX"	TRACK LIGHT	YES
F5	TECHOLED	BX-2-R-BW-4-ME-40-U-W-TG-DM-X-X	120	29	LED	>80	4000	LINEAR RECESSED	2'x4' RECESSED LINEAR	YES
F6	TECHOLED	BX-4-R-D-12'-LO-40-U-W-RP-DM	120	72	LED	>80	4000	DRYWALL RECESSED	RECECESSED LINEAR	YES
F7	TECHOLED	DL-A-6-A-30-40-54-U-W-WT-DM	120	30	LED	>80	4000	RECESSED GRID	4" SQUARE DOWNLIGHT WALL WASH	YES
F8	TECHOLED	DL-R-6-CR-C-20-40-U-SFW-CB-DM	120	20	LED	>80	4000	RECESSED GRID	6" RECESSED DOWNLIGHT	YES
F9	TECHOLED	B-2X2-C-U-A-DM-L-W	120	40	LED	>80	4000	RECESSED GRID	RECECESSED 2X2 TROFFER	YES
F9S	TECHOLED	B-2X2-C-U-A-DM-SM-W	120	40	LED	>80	4000	RECESSED GRID	SURFACE MOUNT 2X2 TROFFER	YES
FL	GARDCO	CSFM-A14-740-RMF-SLF-UNV-FAWS-FINISH	120	180	LED	>70	4000	WALL MOUNT 16'-0"	FLOOD LIGHT FOR DRIVE AROUND NEW SHOP BLDG.	YES
PEN1	ETZ CONTEMPORY LIGHTING	ORB II 9 LIGHT PENDANT E24269-91PC	120	45	LED	>80	3000	CEILING SURFACE	DECORATIVE PENDANT FIXTURE	YES
SH1	TECHOLED	PHB-D-L00403-200-40-U-S-P-DM-X-X	120	200	LED	>80	4000	SURFACE MOUNT TO STRUCTURE	HIGH-BAY FIXTURE	YES
SL	TECHOLED	VT-D-40W-40-SF-U-F-P-DM-X	120	40	LED	>80	4000	SURFACE OR CHAIN HUNG	VAPOR-TIGHT LINEAR	YES
SL2	H.E. WILLIAMS	75R-2-L25-940-DIM-UNV	120	19	LED	>80	4000	6" ABOVE DOOR	LINEAR	YES
X	H.E. WILLIAMS	EXIT-R-EM-WHT	120	3	LED	N/A	N/A	WALL MOUNT 8' ABOVE DOOR	EGRESS SIGNAGE	YES

Lighting Space and Zones			Sequence of Operations											Low Voltage Switch Matrix (Button Labels to be designated by owner during installation)							
	ZONE OF CONTROL		CONTROL SCENARIOS											CONNECT TO ROOM CONTROLLER					Line Voltage Switches		
Space Type	Description	Designator	Manual On	Manual Off	Dimming	Multi-Level Control	Time Clock On	Time Clock Off	Occupancy Sensor On	Vacancy Sensor Off	Daylight Harvesting	Photo Sensor On	Fire Alarm System Override to 'On'	Security System Override to 'Off'	SL-1 (-Button)	SL-2 (-Button)	SL-3 (-Button)	SL-4 (-Button)	SL-5 (-Button)	SL-6 (Toggle Switch)	SL-7 (3-way toggle switch)	SL-8 (Natural Sensor, Line Voltage)	Remarks
2 Sales Floor/Customer Lounge/Back Hallway		SF	X	X			X	X												X			
Restroom		SF	X	X			X	X												X			
Shop Floor		SH	X	X																	X		
New Office			X	X						X												X	



LIGHTING CONTROL DESIGNATOR SH

NTS

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25024 Job No.

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FOR WALTON BEACH, FLORIDA

CHRISTOPHER A. GARICK LICENSE No. 53924 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: JUL 16, 2026
DRAWN BY: R.ENGLE / C.PASTORIUS
PROJECT NO: 2519
REVISIONS: 1 2026-08-21
SCHEMATIC REVIEW

LIGHTING CONTROLS DETAILS

E6.00

C:\PASTORIUS - 10:40 AM - E6.00 LIGHTING CONTROLS DETAILS.dwg

EXISTING POWER PANEL

PANEL OL

SYSTEM 208/120V 3Φ 4W
RATING 225A M.L.O.
ENCLOSURE NEMA 1 SURFACE MOUNT
OPTIONS BOLT ON BREAKERS; SIEMENS I-T-E PANELBOARD

CKT #	SERVING	CKT BKR TRIP	CKT BKR POLE	CONNECTED LOAD (VA)		CKT BKR POLE	CKT BKR TRIP	SERVING	CKT #
1	Spare	20	1			1	20	Canopy Lighting	2
3	Spare	20	1			1	20	Canopy Lighting	4
5	Pole Lighting	30	3			1	30	Pole Lighting	6
7	---	-	-			1	30	Pole Lighting	8
9	---	-	-			1	30	Pole Lighting	10
11	Pole Lighting	30	3			3	30	Pole Lighting	12
13	---	-	-			-	-	---	14
15	---	-	-			-	-	---	16
17	Building Signage	20	1			3	30	Pole Lighting	18
19	Building Signage	20	1			-	-	---	20
21	Building Signage	20	1						22
23	Recept - GM Office	20	1	1080	360	1	20	Recept - RR	24
25	Recept - F&I Office	20	1	1080	360	1	20	Recept - RR	26
27	Recept - F&I Office	20	1	1080	720	1	20	Recept - Lounge	28
29	Recept - Sales	20	1	1080	360	1	20	Recept - Cafe	30
31	Recept - Lounge TV	20	1	400	360	1	20	Recept - Cafe	32
33	Recept Hallway/Service Writers	20	1	1080	480	1	20	Rec - Service Writer Computer	34
35	Recept - Under Counter Refrig	20	1	400	-	1	20	SPARE	36
37	Recept - Microwave	20	1	540	-	1	20	SPARE	38
39	Recept - Service Writers Computer	20	1	1080	-	1	20	SPARE	40
41	SPARE	20	1	-	-	1	-	Space Only	42

ADDITIONAL CONNECTED LOAD = 10460 VA / 360 = 29.1 A

NOTES:
*

EXISTING POWER PANEL

PANEL IG

SYSTEM 208/120V 3Φ 4W
RATING 100A M.L.O.
ENCLOSURE NEMA 1 SURFACE MOUNT
OPTIONS BOLT ON BREAKERS; SIEMENS I-T-E PANELBOARD

CKT #	SERVING	CKT BKR TRIP	CKT BKR POLE	CONNECTED LOAD (VA)		CKT BKR POLE	CKT BKR TRIP	SERVING	CKT #
1	Isol. Recept/Office	20	1			1	20	Isol. Recept/Office	2
3	Isol. Recept/Office	20	1			1	20	Isol. Recept/Office	4
5	Telephone BB Recept	20	1			1	20	Isol. Recept/Office	6
7	Spare	20	1			1	20	Isol. Recept/Office	8
9	Sales Tower	20	1			1	20	Isol. Recept/Office	10
11	LTG - Customer Lounge/Back Hallway	20	1	740		1	20	Isol. Recept/Office	12
13	LTG - Sales Floor	20	1	1090	1216	1	20	LTG - Offices/Breakroom	14
15	LTG - Sales Floor	20	1	1350	1604	1	-	LTG - Sales Floor	16
17	LTG - Sales Floor	20	1	738		1	-	Space only	18

ADDITIONAL CONNECTED LOAD = 6738 VA / 360 = 18.7 A

NOTES:
*

EXISTING POWER PANEL

PANEL MPS

SYSTEM 208/120V 3Φ 4W
RATING 600A M.C.B.
ENCLOSURE NEMA 1 SURFACE MOUNT
OPTIONS BOLT ON BREAKERS; SIEMENS I-T-E PANELBOARD

CKT #	SERVING	CKT BKR TRIP	CKT BKR POLE	CONNECTED LOAD (VA)		CKT BKR POLE	CKT BKR TRIP	SERVING	CKT #
1	Hot Water Heater	30	2			2	60	HPU #2	2
3	---	-	-			-	-	---	4
5	Air Handler #2	60	2			2	60	HPU #3	6
7	---	-	-			-	-	---	8
9	Air Handler #3	70	2			3	60	Panel OLA	10
11	---	-	-					---	12
13	Air Handler #2	80	3			-	-	---	14
15	---	-	-		6738	3	100	Panel IG	16
17	---	-	-			-	-	---	18
19	Detail Panel	100	3			-	-	---	20
21	---	-	-			3	30	Space Only	22
23	---	-	-			-	-	Space Only	24
25	Space Only	20	3			-	-	Space Only	26
27	Space Only	-	-		-	1	-	Space Only	28
29	Space Only	-	-		-	1	-	Space Only	30
31	Space Only	-	1	-	-	1	-	Space Only	32
33	Space Only	-	1	-	-	1	-	Space Only	34
35	Space Only	-	1	-	-	1	-	Space Only	36
37	HPU #1	25	3		-	1	-	Space Only	38
39	---	-	-		3660	2	35	HP-5	40
41	---	-	-		-	-	-	---	42
43	Panel LPS/1	200	3						44
45	---	-	-						46
47	---	-	-						48
49	Panel OL	200	3	10460					50
51	---	-	-						52
53	---	-	-						54

ADDITIONAL CONNECTED LOAD = 20858 VA / 360 = 57.9 A

NOTES:
*

NEW POWER PANEL

PANEL SH2

SYSTEM 208/120V 3Φ 4W
RATING 100A M.L.O. 22,000 AIC MINIMUM
ENCLOSURE NEMA 1 SURFACE MOUNT
OPTIONS BOLT ON BREAKERS;

CKT #	SERVING	CKT BKR TRIP	CKT BKR POLE	CONNECTED LOAD (VA)		CKT BKR POLE	CKT BKR TRIP	SERVING	CKT #
1	REC - MAINTENANCE BAY	20	1	360	360	1	20	REC - COORD REEL	2
3	REC - MAINTENANCE BAY	20	1	360	360	1	20	REC - COORD REEL	4
5	REC - MAINTENANCE BAY	20	1	360	360	1	20	REC - COORD REEL	6
7	REC - MAINTENANCE BAY	20	1	360	360	1	20	REC - COORD REEL	8
9	REC - MAINTENANCE BAY	20	1	540	360	1	20	REC - COORD REEL	10
11	REC - MAINTENANCE BAY	20	1	360	360	1	20	REC - COORD REEL	12
13	REC - PULSE PRO/TANK MONITOR	20	1	1440	360	1	20	REC - COORD REEL	14
15	REC - MAINTENANCE BAY	20	1	360	360	1	20	REC - COORD REEL	16
17	REC - MAINTENANCE BAY	20	1	360	360	1	20	REC - COORD REEL	18
19	REC - MAINTENANCE BAY	20	1	360	1200	1	20	REC - RESTROOM	20
21	REC - MAINTENANCE BAY	20	1	360	1160	1	20	LTG - SHOP	22
23	REC - MAINTENANCE BAY	20	1	360	1000	1	20	LTG - SHOP	24
25	REC - MAINTENANCE BAY	20	1	360	1400	1	20	LTG - SHOP	26
27	REC - MAINTENANCE BAY	20	1	360	1000	1	20	LTG - SHOP	28
29	REC - MAINTENANCE BAY	20	1	360	1000	1	20	LTG - EXISTING POLE LIGHTS	30
31	REC - MAINTENANCE BAY	20	1	360	1000	1	20	LTG - FLOOD LIGHTS	32
33	REC - MAINTENANCE BAY	20	1	360	-	1	20	SPARE	34
35	FACP	20	1*	1000	-	1	20	SPARE	36
37	REC - RTU'S ON ROOF	20	1	360	-	3	30	SURGE PROTECTOR	38
39	SPARE	20	1	-	-	-	-	---	40
41	SPARE	20	1	-	-	-	-	---	42

ADDITIONAL CONNECTED LOAD = 19740 VA / 360 = 54.8 A

NOTES:
* Provide "RED" breaker labeled "FIRE ALARM CIRCUIT", capable of being locked in the 'ON' position. Per NFPA-70 - Article 760.121(B)

NEW POWER PANEL

PANEL SH

SYSTEM 208/120V 3Φ 4W
RATING 800A M.C.B. 22,000 AIC MINIMUM
ENCLOSURE NEMA 1 SURFACE MOUNT
OPTIONS BOLT ON BREAKERS; TWO EQUAL SECTIONS (60)

CKT #	SERVING	CKT BKR TRIP	CKT BKR POLE	CONNECTED LOAD (VA)		CKT BKR POLE	CKT BKR TRIP	SERVING	CKT #
1	PANEL SH2	100	3	19740	1500	2	20	VEHICLE LIFT	2
3	---	-	-	-	-	-	-	---	4
5	---	-	-	-	1500	2	20	VEHICLE LIFT	6
7	VEHICLE LIFT	20	2	1500	-	-	-	---	8
9	---	-	-	-	1500	2	20	VEHICLE LIFT	10
11	HEAVY VEHICLE LIFT	50	2	5408	-	-	-	---	12
13	---	-	-	-	1500	2	20	VEHICLE LIFT	14
15	REC - TIRE CHANGER	15	2	1248	-	-	-	---	16
17	---	-	-	-	1500	2	20	VEHICLE LIFT	18
19	REC - WHEEL BALANCER	20	2	2080	-	-	-	---	20
21	---	-	-	-	1500	2	20	VEHICLE LIFT	22
23	REC - VEHICLE EQUIPMENT	20	2	2080	-	-	-	---	24
25	---	-	-	-	1500	2	20	VEHICLE LIFT	26
27	LARGE AIR FAN SHOP BLDG	20	1	1200	-	-	-	---	28
29	ALIGN LIFT MACHINE	20	1	1800	1500	2	20	VEHICLE LIFT	30
31	REC - AIR DRYER	20	1	1080	-	-	-	---	32
33	GARAGE DOOR	25	2	1920	1500	2	20	VEHICLE LIFT	34
35	---	-	-	-	-	-	-	---	36
37	GARAGE DOOR	25	2	1920	1500	2	20	VEHICLE LIFT	38
39	---	-	-	-	-	-	-	---	40
41	GARAGE DOOR	25	2	1920	1500	2	20	VEHICLE LIFT	42
43	---	-	-	-	-	-	-	---	44
45	GARAGE DOOR	25	2	1920	1500	2	20	VEHICLE LIFT	46
47	---	-	-	-	-	-	-	---	48
49	GARAGE DOOR	25	2	1920	3960	3	20	GARAGE DOOR - HIGHSPEED	50
51	---	-	-	-	-	-	-	---	52
53	GARAGE DOOR	25	2	1920	-	-	-	---	54
55	---	-	-	-	3000	1	30	EXHAUST FAN EF-7	56
57	SPARE	20	1	-	3000	1	30	EXHAUST FAN EF-7	58
59	GARAGE DOOR	25	2	1920	-	1	20	SPARE	60
61	---	-	-	-	-	1	20	SPARE	62
63	SPARE	20	1	-	-	1	20	SPARE	64
65	SPARE	20	1	-	-	1	20	SPARE	66
67	SPARE	20	1	-	-	1	20	SPARE	68
69	SPARE	20	1	-	-	1	20	SPARE	70
71	SPARE	20	1	-	-	1	20	SPARE	72
73	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	74
75	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	76
77	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	78
79	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	80
81	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	82
83	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	84
85	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	86
87	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	88
89	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	90
91	EWH-1	20	3	4500	22464	3	60	AHU-3	92
93	---	-	-	-	-	-	-	---	94
95	---	-	-	-	-	-	-	---	96
97	RTU-2	200	3	52732	10080	3	45	HP-3	98
99	---	-	-	-	-	-	-	---	100
101	---	-	-	-	-	-	-	---	102
103	RTU-1	150	3	41962	2808	3	15	EXHAUST BLOWER	104
105	---	-	-	-	-	-	-	---	106
107	---	-	-	-	-	-	-	---	108
109	AIR COMPRESSOR	60	3	11592	2808	3	15	EXHAUST BLOWER	110
111	---	-	-	-	-	-	-	---	112
113	---	-	-	-	-	-	-	---	114
115	AIR COMPRESSOR	60	3	11592	-	3	60	SURGE PROTECTOR	116
117	---	-	-	-	-	-	-	---	118
119	---	-	-	-	-	-	-	---	120

ADDITIONAL CONNECTED LOAD = 238374 VA / 360 = 662.2 A

NOTES:
*

OWNER EQUIPMENT COORDINATION SCHEDULE

(VERIFY ALL EQUIPMENT CIRCUIT REQUIREMENTS WITH MANUFACTURERS SHOP DRAWINGS PRIOR TO ROUGH-IN)

EQUIPMENT DESIGNATION	DESCRIPTION	MANUFACTURER	VOLT	Φ	TOTAL CONNECTED VA	PROTECTION MCA	PROTECTION MOCP	PROTECTION SPECIFIED TRIP	PROTECTION SPECIFIED POLE	CONDUCTOR / CONDUIT SIZE SETS	CONDUCTORS QTY.	CONDUCTORS SIZE	CONDUCTORS GND	CONDUIT	MEANS OF DISCONNECT	MOUNTING HEIGHT	REMARKS
AC	AIR COMPRESSOR	SAYLOR BEALL	208	3	11592	40.25	60	60	3	1	3	#6	#10	3/4"	60/3/1	48"	
AD	AIR DRYER	SAYLOR BEALL	120	1	1080	12.5	20	20	1	1	3	#12	#12	3/4"	QUAD 5-20R	48"	
AF	AIR FAN 8-14'	EUROVENT	120	1	600	6.25	20	20	1	1	3	#12	#12	3/4"	MOTORSWITCH		INTERLOCK WITH AIR FAN CONTROLLER
AFC	AIR FAN CONTROLLER	EUROVENT															
ALP	ALIGN LIFT POWER	HUNTER ENGINEERING	208	1	5408	32.5	50	50	2	1	3	#8	#10	3/4"	60/2/1	48"	
ALM	ALIGN MACHINE	HUNTER ENGINEERING	120	1	1800	18.75	20	20	1	1	3	#12	#12	3/4"	DUPLEX 5-20R	48"	ISOLATED GROUND & DATA JACK REQUIRED
DP	DATA PORT																
EB	EXHAUST BLOWER	EUROVENT	208	3	2808	9.75	15	15	3	1	3	#10	#10	3/4"	30/3/3R		INTERLOCK WITH EBC
EBC	EXHAUST BLOWER CONTROL	EUROVENT															
EB2	EXHAUST BLOWER	EUROVENT	208	3	2808	9.75	15	15	3	1	3	#10	#10	3/4"	30/3/3R		INTERLOCK WITH EBC2
EBC2	EXHAUST BLOWER CONTROL	EUROVENT															
ED	ELECTRIC DRAIN	SAYLOR BEALL	120	1	240	2.5	15	15	1	1	3	#12	#12	3/4"	5-20R		
FD	FLOOR DRAIN																
LP1	LIFT POWER UNIT	ROTARY LIFT	208	1	1500	9	20	20	2	1	3	#10	#12	3/4"	MOTORSWITCH		
PA	PULSE PRO AIR PUMP CONTROL VALVE	GRACO	120	1	240	2.5	15	15	1	1	3	#12	#12	3/4"	5-20R	84" AFF	
PE	PULSE PRO EXTENDER	GRACO	120	1	240	2.5	15	15	1	1	3	#12	#12	3/4"	5-20R	96" AFF	
PH	PULSE HUB	GRACO	120	1	240	2.5	15	15	1	1	3	#12	#12	3/4"	5-20R	96" AFF	
PR	PULSE PRO REMOTE EXTENDER REPEATER	GRACO	120	1	240	2.5	15	15	1	1	3	#12	#12	3/4"	5-20R	96" AFF	
RC	ROOF CURB																
TC1	TIRE CHANGER	HUNTER ENGINEERING	208	1	1248	7.5	15	15	1	1	3	#12	#12	3/4"	L6-20R	42"	DATA JACK REQUIRED
TM	TANK MONITOR	BJE	120	1	240	2.5	15	15	1	1	3	#12	#12	3/4"	DUPLEX 5-15R	72" AFF	
WB	WHEEL BALANCER	HUNTER ENGINEERING	208	1	2080	12.5	20	20	1	1	3	#12	#12	3/4"	L6-20R	42"	DATA JACK REQUIRED
G1	GARAGE DOOR - MODEL 620	OVERHEAD DOOR COMPANY	208	1	1920	9.3	25	25	2	1	3	#10	#10	3/4"	30/2/1		BASIS OF DESIGN: 1HP RHX OPERATOR 208V/1 PHAS
G2	GARAGE DOOR - HIGH SPEED	OVERHEAD DOOR COMPANY	208	3	3960	11	30	30	3	1	3	#10	#10	3/4"	30/3/1		BASIS OF DESIGN: 3HP RHX OPERATOR 208V/3 PHAS

MECHANICAL EQUIPMENT COORDINATION SCHEDULE

(VERIFY ALL EQUIPMENT CIRCUIT REQUIREMENTS WITH MANUFACTURERS SHOP DRAWINGS PRIOR TO ROUGH-IN)

EQUIPMENT DESIGNATION	DESCRIPTION	CFM	VOLT	Φ	PROTECTION MCA	PROTECTION MOCP	PROTECTION SPECIFIED TRIP	PROTECTION SPECIFIED POLE	CONDUCTOR / CONDUIT SIZE SETS	CONDUCTORS QTY.	CONDUCTORS SIZE	CONDUCTORS GND	CONDUIT	DISC.	REMARKS
RTU-1	ROOFTOP UNIT	1990	208	3	145.7	150	150	3	1	3	#1/0	#6	1-1/2"	150/3/3R	PROVIDE SUPPLY SIDE SMOKE DETECTOR TO SHUT DOWN RTU AUTOMATICALLY
RTU-2	ROOFTOP UNIT	3110	208	3	183.1	200	200	3	1	3	#3/0	#6	2"	200/3/3R	PROVIDE SUPPLY SIDE SMOKE DETECTOR TO SHUT DOWN RTU AUTOMATICALLY
AHU-3	AIR HANDLER UNIT	3000	208	3	78	80	80	3	1	3	#2	#6	1-1/4"	100/3/1	PROVIDE SUPPLY SIDE SMOKE DETECTOR TO SHUT DOWN AIR HANDLER AUTOMATICALLY
HP-3	HEAT PUMP		208	3	35	45	45	3	1	3	#4	#8	1"	60/3/3R	
AHU-5	AIR HANDLER UNIT	810												1P. TOGG	INDOOR UNIT POWERED VIA OUTDOOR UNIT; REFER TO MANUFAC INSTRUCTIONS
HP-5	HEAT PUMP		208	1	22	37	35	2	1	3	#8	#10	3/4"	60/3/3R	
EF-1,2	EXHAUST FAN	150	120	1	1	15	15	1	1	3	#12	#12	3/4"	1P. TOGG	TIE TO LOCAL LIGHTING CONTROLS
EF-3,4,5	EXHAUST FAN	50	120	1	1	15	15	1	1	3	#12	#12	3/4"	1P. TOGG	TIE TO LOCAL LIGHTING CONTROLS
EF-6	EXHAUST FAN	300	120	1	1	15	15	1	1	3	#12	#12	3/4"	1P. TOGG	TIE TO LOCAL LIGHTING CONTROLS
EF-7	EXHAUST FAN	9400	120	1	20	30	30	1	1	3	#10	#10	3/4"	30/2/1	
UH-1	UNIT HEATER	967	120	1	1	15	15	1	1	3	#12	#12	3/4"	1P. TOGG	
EHW-1	ELECTRIC WATER HEATER		208	3	15.625	20	20	3	1	3	#12	#12	3/4"	30/3/1	
IWH-1	INSTANT (GAS) WATER HEATER		120	1	1	15	15	1	1	3	#12	#12	3/4"	1P. TOGG	

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CHRISTOPHER A. GARICK LICENSE No. 53924 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: JUL 16, 2026
DRAWN BY: R.ENGLE / C.PASTORIUS
PROJECT NO: 2519
REVISIONS: 1 2026-07-27; 2 2026-08-21
SCHEMATIC REVIEW

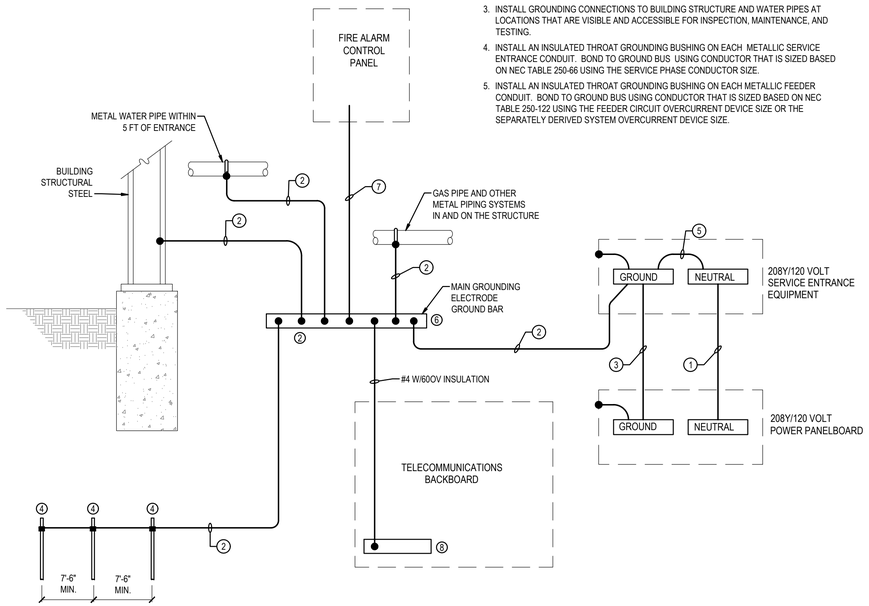
SCHEDULES

E7.00

CPASTORIUS - 10:40 AM - E7.00 SCHEDULES.dwg

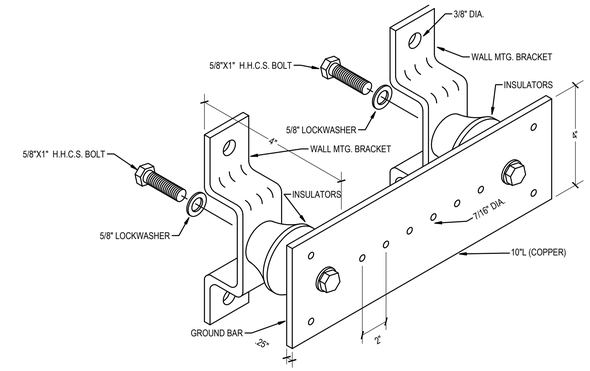
GENERAL NOTES

1. BOND HOT AND COLD WATER PIPING SYSTEMS.
2. CONDUCTOR SIZES SHOWN ARE MINIMUM AND MAY BE LARGER THAN THE MINIMUM SIZES REQUIRED BY NEC.
3. INSTALL GROUNDING CONNECTIONS TO BUILDING STRUCTURE AND WATER PIPES AT LOCATIONS THAT ARE VISIBLE AND ACCESSIBLE FOR INSPECTION, MAINTENANCE, AND TESTING.
4. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC SERVICE ENTRANCE CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250-66 USING THE SERVICE PHASE CONDUCTOR SIZE.
5. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC FEEDER CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250-122 USING THE FEEDER CIRCUIT OVERCURRENT DEVICE SIZE OR THE SEPARATELY DERIVED SYSTEM OVERCURRENT DEVICE SIZE.



KEYNOTES

1. INSTALL GROUNDED (NEUTRAL) CONDUCTOR SAME SIZE AS THE LARGEST PHASE CONDUCTOR IF THE LINE-TO-NEUTRAL LOAD EXCEEDS 5% OF THE CONNECTED LOAD. IF NEUTRAL LOAD IS SMALLER, INSTALL THE NEC MINIMUM GROUNDED CONDUCTOR.
2. INSTALL GROUNDING ELECTRODE CONDUCTOR, SIZED BASED ON NEC TABLE 250-66 USING THE SERVICE PHASE CONDUCTOR SIZE, BUT NOT SMALLER THAN NO 4.
3. INSTALL EQUIPMENT GROUNDING CONDUCTOR SIZED BASED ON NEC TABLE 250-122 USING THE FEEDER OVERCURRENT DEVICE SIZE.
4. 10 FOOT MINIMUM X 3/4" DIAMETER COPPER CLAD STEEL SECTIONAL DRIVEN GROUND ROD.
5. INSTALL BONDING JUMPER WIRE THAT IS SIZED BASED ON NEC TABLE 250-66 OR 250.28(D)(1) USING THE SERVICE OR SEPARATELY-DERIVED SYSTEM PHASE PHASE CONDUCTOR SIZE.
6. INSTALL A "MAIN GROUND ELECTRODE GROUND BAR" FOR SINGLE POINT GROUNDING. LOCATE AT AN ACCESSIBLE POINT NEAR THE SERVICE ENTRANCE EQUIPMENT. MAKE CONNECTIONS TO THE GROUND ELECTRODE CONDUCTOR USING IRREVERSIBLE CONNECTORS OR EXOTHERMIC WELDS. MAKE OTHER CONNECTIONS TO THE GROUND BAR USING TWO-HOLE COMPRESSION SPADE LUGS THAT MEET IEEE 837 REQUIREMENTS. LABEL EACH CONNECTION TO THE GROUND BAR
7. FIRE ALARM CONTROL PANEL GROUND - #6 COPPER CONDUCTOR.
8. INSTALL A COPPER GROUNDING BAR IN EACH TELECOMMUNICATIONS ROOM. CONNECT TO THE "MAIN GROUNDING ELECTRODE GROUND BAR" USING 600V INSULATED #4 COPPER CABLE AND COMPRESSION SPADE LUGS.



GROUND BAR NOTES

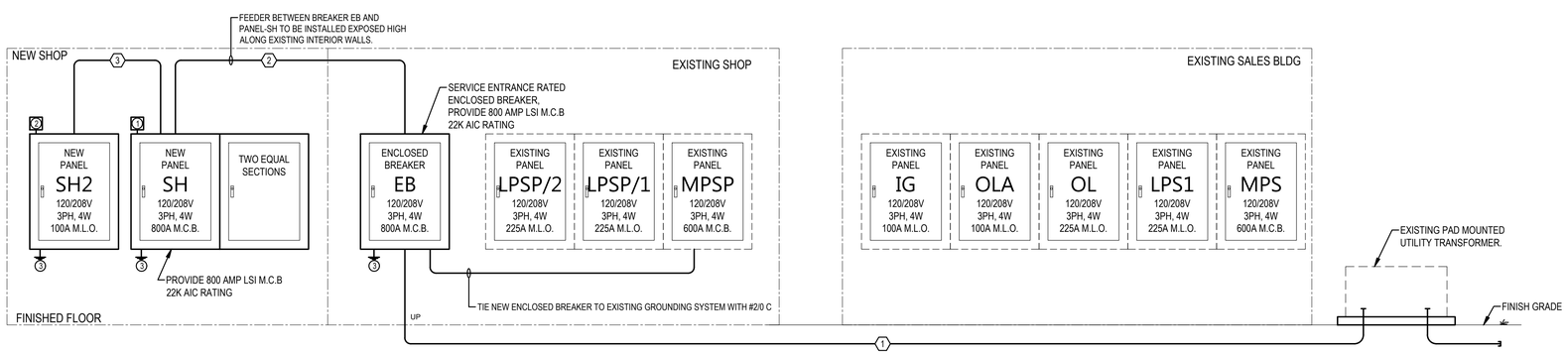
1. INSTALL ONE BAR AT EACH COMMUNICATIONS ROOM.
2. ROUTE 1#4 BARE CU IN 1"CONDUIT FROM GROUND BAR TO BUILDING ELECTRICAL SERVICE ENTRANCE GROUND.
3. CONNECT BARS WITH 1#6 BARE CU IN 1" CONDUIT.

INSULATED GROUNDING BAR DETAIL

NTS

208Y/120V GROUNDING SYSTEM DIAGRAM

NTS



NOTES:

1. INSTALL SURGE PROTECTIVE DEVICE IN BREAKER POSITION NEAREST TO NEUTRAL BAR WITH 4#6, 1#10 GND IN 3/4"C; LEAD LENGTH CANNOT EXCEED UL 1449 4TH EDITION TEST OF 14" - REFER TO SPECS. PROVIDE INTERNAL 60A. FUSING.
2. INSTALL SURGE PROTECTIVE DEVICE IN BREAKER POSITION NEAREST TO NEUTRAL BAR WITH 4#10, 1#10 GND IN 3/4"C; LEAD LENGTH CANNOT EXCEED UL 1449 5TH EDITION TEST OF 14" - REFER TO SPECS. PROVIDE INTERNAL 30A. FUSING.
3. REFER TO GROUNDING DETAIL SHEET FOR MORE INFORMATION.

FEEDER SCHEDULE

DESIGNATION (#)	EQUIPMENT NAME	FED FROM	BREAKER RATING	BREAKER POLES	PARALLEL RUNS	CONDUIT	PH+N CONDUCTOR	PHASE & GROUNDED(N) CONDUCTOR	EQUIPMENT GROUND CONDUCTOR	SUPPLY SIDE BONDING CONDUCTOR	MATERIAL
1	EB	UTILITY XF	800	3	3	2-1/2"	4	300 KCMIL	N/A	N/A	CU
2	SH	EB	800	3	3	3"	4	400 KCMIL	1/0 AWG	N/A	CU
3	SH2	SH	100	3	1	1-1/4"	4	3 AWG	8 AWG	N/A	CU

***** SPECIAL NOTE *****

PROVIDE 'LSI' TRIP UNITS FOR BREAKERS GREATER THAN OR EQUAL TO 200A.

SINGLE LINE POWER RISER

NOT TO SCALE

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SLPR & GROUNDING DETAILS

E7.01

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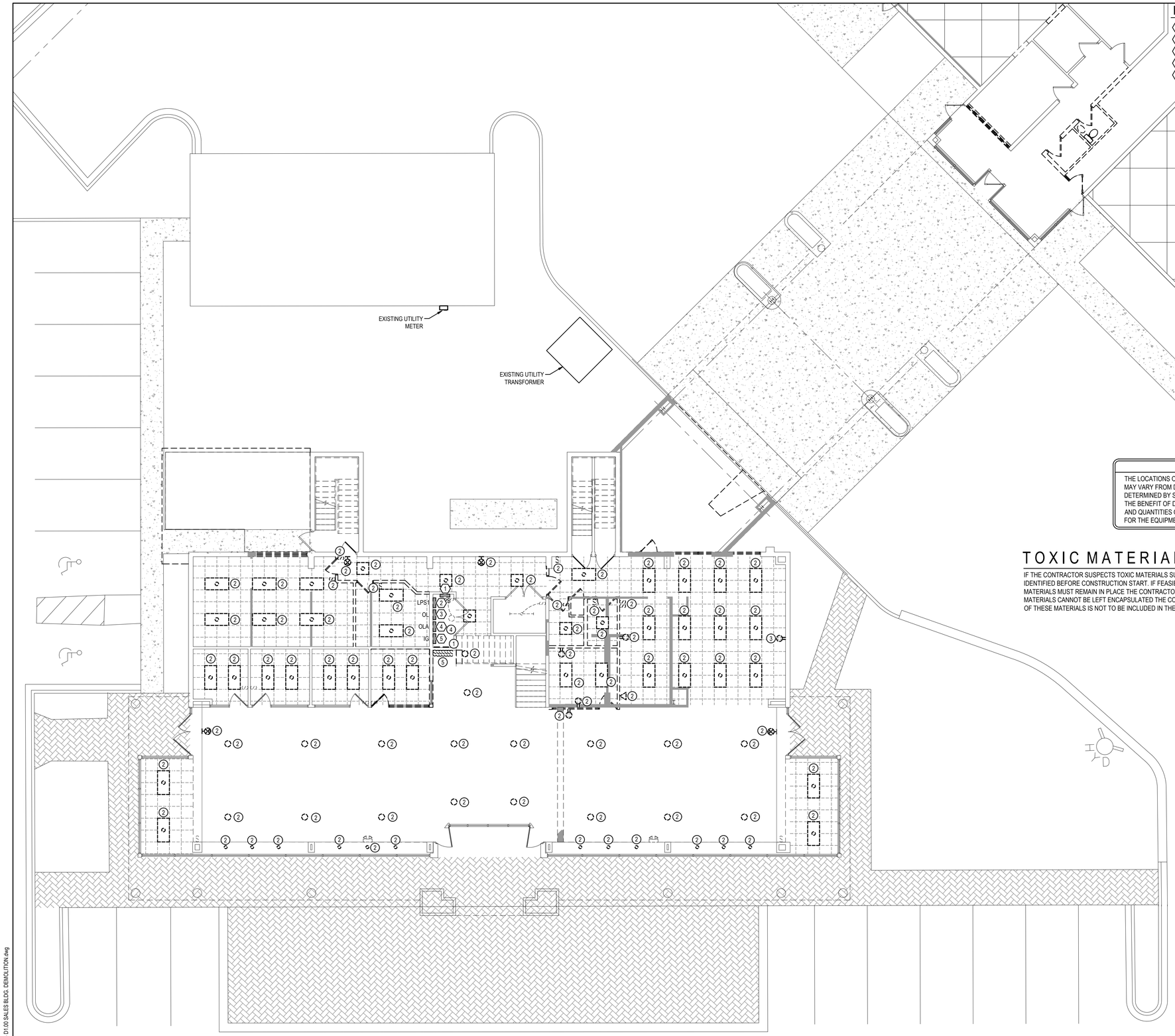

KEYNOTES

1. EX. PANEL-MPS
2. EX PANEL-LPS1
3. EX PANEL-OL
4. EX PANEL-OLA
5. EX PANEL-IG

NOTES:

1. EXISTING TELECOM EQUIPMENT TO REMAIN.
2. EXISTING DEVICE TO BE REMOVED. IF END OF LINE DEVICE, REMOVE CONDUCTORS AND CONDUIT BACK TO NEXT DEVICE OR EXISTING PANEL AND LABEL BREAKER AS SPARE. IF DEVICE BEING REMOVED IS NOT END-OF-LINE, MAINTAIN EXISTING CIRCUIT CONTINUITY.
3. REMOVE EXISTING DEVICE AND REPLACE WITH NEW TVSS RECEPTACLE AS INDICATED ON NEW WORK PLANS.
4. EXISTING PANELBOARDS TO REMAIN. ANY CIRCUITS VACATED DURING DEMOLITION TO BE LABELED AS "SPARE".
5. BANK OF 7 SWITCHES CONTROLLING SALES FLOOR LIGHTING. REMOVE SWITCHES AND THE CONDUCTORS BACK TO SOURCE.

SPECIAL DEMOLITION NOTE

THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT INDICATED (FIXTURES & DEVICES) MAY VARY FROM DRAWING. EXISTING CONDITIONS AND DEMOLITION WORK WAS DETERMINED BY SITE OBSERVATION AND REVIEW OF EXISTING DOCUMENTS WITHOUT THE BENEFIT OF DESTRUCTIVE INVESTIGATION. VERIFY ACTUAL LOCATIONS, TYPES, AND QUANTITIES OF EQUIPMENT AND APPLY DEMOLITION NOTES AS APPROPRIATE FOR THE EQUIPMENT AND ROOM OR AREA.

TOXIC MATERIAL DEMOLITION NOTE

IF THE CONTRACTOR SUSPECTS TOXIC MATERIALS SUCH AS ASBESTOS AND/OR LEAD-BASED PAINT WILL BE AFFECTED AS PART OF THIS PROJECT THESE SHALL BE IDENTIFIED BEFORE CONSTRUCTION START. IF FEASIBLE, OTHERS WILL TEST FOR AND REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION START. IF THESE MATERIALS MUST REMAIN IN PLACE THE CONTRACTOR WILL MINIMIZE THE DISTURBANCE OF SUCH MATERIALS LEAVING THEM ENCAPSULATED. WHERE SUCH MATERIALS CANNOT BE LEFT ENCAPSULATED THE CONTRACTOR SHALL INCLUDE TESTING OF SUCH SPECIFIED AREAS AS PART OF THE PROJECT SCOPE. REMOVAL OF THESE MATERIALS IS NOT TO BE INCLUDED IN THE PROJECT SCOPE.

SALES BLDG. DEMOLITION

1/8" = 1'-0" 0 4' 8' 16'

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Step One Automotive Group CDJR Renovation

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SALES BLDG.
DEMOLITION

D1.00

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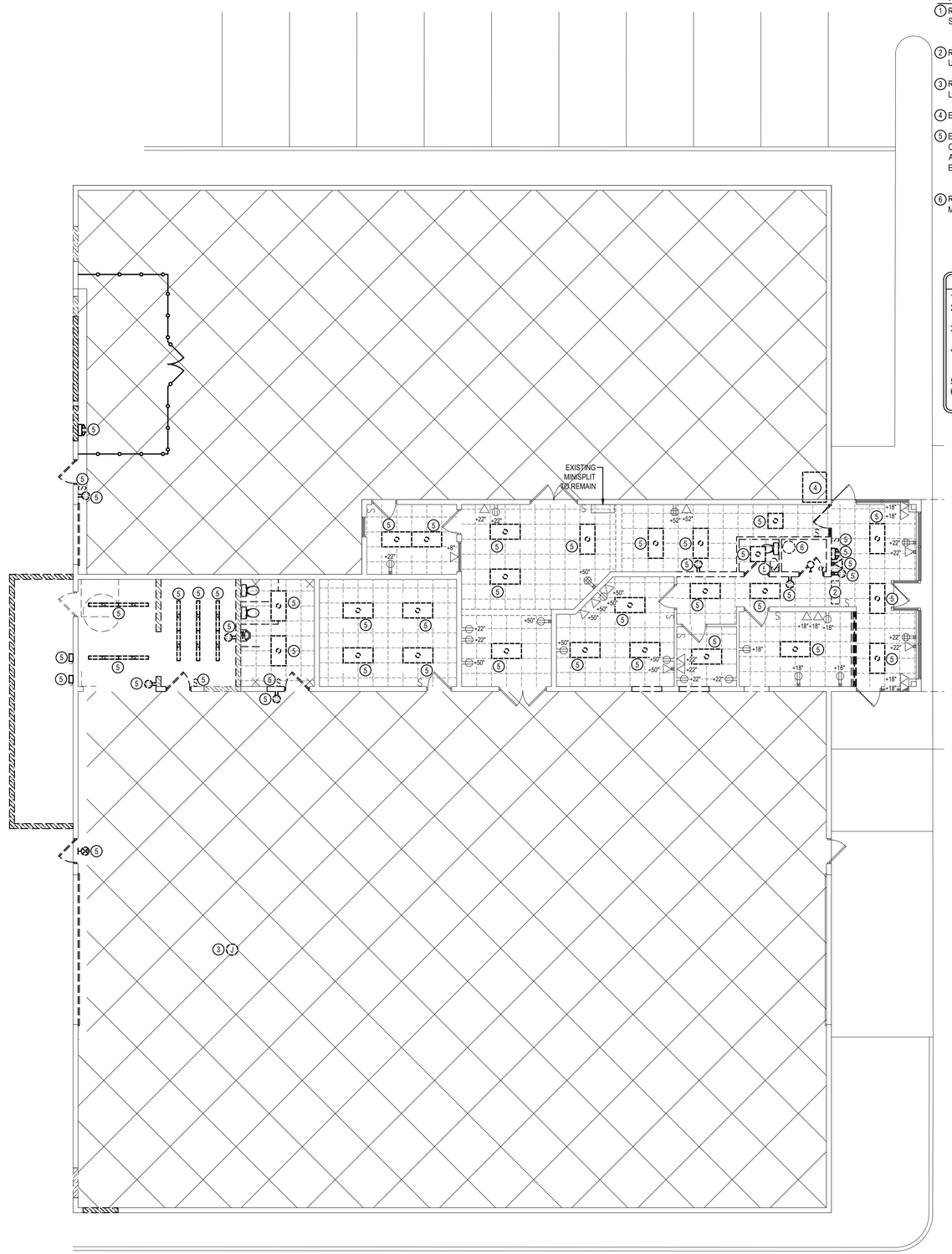
NOTES:

1. REMOVE EXISTING POLE LIGHT. REMOVE EXISTING CONDUCTORS TO SOURCE, LABEL BREAKER AS SPARE.
2. REMOVE EXISTING CONDUCTORS TO EXISTING MINI-SPLIT MECHANICAL UNIT.
3. REMOVE EXISTING ROLL-UP DOOR MOTOR/CONDUCTORS, AND CONTROLS. LABEL EXISTING BREAKER AS "SPARE".
4. EXISTING TELECOM EQUIPMENT LOCATED ON 2ND FLOOR TO REMAIN.
5. EXISTING DEVICE TO BE REMOVED. IF END OF LINE DEVICE, REMOVE CONDUCTORS AND CONDUIT BACK TO NEXT DEVICE OR EXISTING PANEL AND LABEL BREAKER AS SPARE. IF DEVICE BEING REMOVED IS NOT END-OF-LINE, MAINTAIN EXISTING CIRCUIT CONTINUITY.
6. REMOVE EXISTING CONDUCTORS TO EXISTING WATER HEATER MECHANICAL UNIT.

GENERAL NOTES

1. CEILING GRID IN SHOP BLDG TO BE REMOVED BY OTHERS.
2. REMOVE ALL ELECTRICAL CONDUIT AND CONDUCTORS ABOVE EXISTING CEILING GRID BEING REMOVED.
3. ALL ORIGINAL PANEL CIRCUIT ORIGINATIONS ARE TO BE REUSED IN THESE SPACES FOR NEW WORK.
4. CONNECT NEW LIGHTS AND NEW POWER / COMMUNICATION DEVICES WITH NEW CONDUCTORS IN 1/2" EMT CONDUIT (UPSIZE CONDUIT AS REQUIRED) AS INDICATED ON NEW WORK PLANS.
5. PAINT ALL CONDUIT TO MATCH ADJACENT CEILING FINISH.
6. PROVIDE NEW POWER/TELECOM DEVICES IN EXISTING LOCATIONS AS INDICATED ON NEW WORK PLANS.



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SHOP BLDG. DEMOLITION

1/8" = 1'-0" 0 4' 7'-11 255/256" 15'-11 127/128"

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SHOP BLDG. DEMOLITION

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