

SCOPE OF WORK

1- REPLACED A/C UNIT AND WATER HEATER, EXISTING LIGHT AND OUTLET TO REMAIN.

CONNECT ALL NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL AT THE EXISTING FULL FIRE ALARM SYSTEM.

FIRE ALARM DESIGN SHALL MEET THE REQUIREMENTS OF FLORIDA STATUTES 61G15-32.008.

ELECTRICAL SPECIFICATIONS

ELECTRICAL DIVISION 16

1. THE WORK SHALL COMPLY WITH THE LATEST APPLICABLE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) 2020, FLORIDA BUILDING CODE 2020 SEVENTH EDITION, O.S.H.A. (LOCAL) REQUIREMENTS AND ALL OTHER LOCAL CODES AND ORDINANCES GOVERNING THESE INSTALLATIONS, AS A MINIMUM STANDARD, UNLESS SPECIFICATIONS LISTED HEREIN OR SHOWN ON PLANS REQUIRE A HIGHER STANDARD. ALL ELECTRICAL EQUIPMENT SHALL COMPLY WITH NEC 2020 ART. 110.26. THE WORK INCLUDED CONSISTS OF ALL SUPERVISION, LABOR, MATERIAL, EQUIPMENT, FACILITIES AND INSTALLATION REQUIRED FOR THE COMPLETE SATISFACTORY AND APPROVED ELECTRICAL SYSTEM AS INDICATED ON THE DRAWINGS AND CALLED FOR IN THIS SPECIFICATION OR AS MAY BE REASONABLY IMPLIED BY EITHER. ALL NOTES ON THE DRAWINGS PERTAINING TO THE WORK OF THIS TRADE SHALL BE CONSIDERED AS PART OF THIS SPECIFICATIONS AND CONTRACT. THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE DRAWINGS AND ANY APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, THE CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM, AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL THE OWNER HAS DIRECTED THE CORRECTIVE ACTION TO BE TAKEN. THE CONTRACTOR IS REFERRED TO THE ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS. SUCH PLANS AND SPECIFICATIONS ARE TO BE CONSIDERED PART OF THE ELECTRICAL CONTRACT DOCUMENTS. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND ARRANGEMENTS ONLY. THE CONTRACTOR SHALL COORDINATE THE PROPOSED LOCATIONS OF ALL ELECTRICAL MATERIALS AND EQUIPMENT WITH THE REPRESENTATIVES OF THE OTHER TRADES INVOLVED BEFORE STARTING THE INSTALLATIONS OF THESE ITEMS. COORDINATE THE INSTALLATIONS OF REQUIRED SUPPORTING DEVICES, CONDUIT, AND SLEEVES TO BE SET IN CAST-IN-PLACE CONCRETE AND OTHER STRUCTURAL COMPONENTS, AS THEY ARE CONSTRUCTED. ALL SLAB AND FIREWALL PENETRATIONS MUST BE FIRE RATED AND MUST CONFORM TO OWNER'S APPROVAL AS TO LOCATION AND CONSTRUCTION DETAILS.
2. MATERIALS: THE MATERIALS AND EQUIPMENT FURNISHED SHALL BE AS INDICATED ON THE DRAWINGS; SUBSTITUTIONS SHALL NOT BE MADE EXCEPT WHERE EXPRESSLY APPROVED BY THE OWNER OR HIS REPRESENTATIVE. PRIOR TO STARTING INSTALLATION OF THE ITEMS, THE ELECTRICAL MATERIALS AND EQUIPMENT FURNISHED SHALL BE LISTED OR LABELED BY UNDERWRITERS LABORATORIES OR OTHER RECOGNIZED TESTING ORGANIZATION, AND SHALL BE ACCEPTABLE TO THE LOCAL BUILDING AUTHORITY.
3. GROUNDING: GROUNDING SHALL BE IN ACCORDANCE WITH ARTICLE 250 NEC. PROVIDE GROUND WIRES IN ALL CONDUITS UNLESS OTHERWISE NOTED.
4. THE ELECTRICAL CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN TEMPORARY ELECTRIC POWER AND LIGHTING FOR ALL TRADES.
5. ALL EXPOSED CONDUITS SHALL BE RUN AS NEAT AND INCONSPICUOUS AS POSSIBLE AND PAINTED TO MATCH COLOR OR SURROUNDINGS. PROVIDE FIRE STOP IN ALL ELECTRICAL CONDUITS CROSSING FIRE RATED WALLS.
6. FLEXIBLE CONDUITS SHALL BE USED FOR CONNECTION TO ALL VIBRATING EQUIPMENT SUCH AS MOTORS, LIGHTING FIXTURES, ETC. FLEXIBLE CONDUIT SHALL BE "LIQUID TIGHT" WHEN EXPOSED TO WEATHER.
7. CONDUCTORS SIZE #8 AND LARGER SHALL BE TYPE THWN STRANDED, COPPER. CONDUCTORS SIZE #10 AND SMALLER SHALL BE COPPER, TYPE THWN SOLID, UNLESS NOTED OTHERWISE. CONDUCTORS SHALL CONSIST OF 98% CONDUCTIVITY COPPER AS INDICATED, SIZE AND AWG. ALL CONDUCTORS SHALL BE RUN IN CONDUIT EXCEPT AS NOTED ON PLANS. POWER, LIGHTING, AND GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN #12 AWG. EXCEPT WHERE OTHERWISE INDICATED, CONTROL CONDUCTORS SHALL NOT BE SMALLER THAN #14 AWG. CONDUCTORS SHALL BE CONTINUOUS FROM OUTLET WITHOUT SPLICES EXCEPT WITHIN WIREWAY OR JUNCTION BOXES. MARK CONDUCTORS IN PANELS, PULL BOXES OR WIREWAYS AND TERMINAL STRIP TERMINALS FOR IDENTIFICATION OF CIRCUITS. CONDUCTORS SHALL BE JOINED USING COMPRESSION SPLICES, EXCEPT THAT CONDUCTORS #10 AND SMALLER MAY BE JOINED USING WIRE NUT TYPE CONNECTORS. CONDUCTORS SHALL BE TERMINATED USING COMPRESSION OR PRESSURE TYPE TERMINAL LUGS, OR IN PRESSURE TERMINAL COMPRESSION SPLICES SHALL BE INSULATED USING 3M #33+ OR #88 PLASTIC TAPE. SPLICES IN WET LOCATIONS SHALL BE INSULATED WITH ELECTRICAL TAPE AND ENCAPSULATED WITH SCOTCHCAST OR EQUAL POTTING COMPOUND.
8. RECEPTACLES SHALL BE 15A, 125 V AS 2 POLE, 3 WIRE SINGLE OR DUPLEX GROUND TYPE EXCEPT WHERE SPECIFIC PURPOSE, LOOKING OR HIGHER RATED RECEPTACLES ARE SHOWN ON THE DRAWINGS.
9. ALL SWITCHES SHALL BE OF THE TOTALLY ENCLOSED TUMBLER TYPE WITH BODIES OF PHENOLIC COMPOUND, HANDLES SHALL BE IVORY COLORED.
10. CONTRACTOR SHALL VERIFY ALL EQUIPMENT NAMEPLATE DATA FOR WIRING AND OVERCURRENT PROTECTION REQUIREMENTS BEFORE PERFORMING ROUGH-IN WORK. NEC 110-16A, 215-5, 220-2, 240-3, 240-6 AND 384-2 SHALL APPLY.
11. PROVIDE AND INSTALL JUNCTION AND PULL BOXES WHERE INDICATED AND WHERE NECESSARY TO TERMINATE, TAP OFF, OR REDIRECT MULTIPLE CONDUIT RUNS, OF SIZE INDICATED OR AS REQUIRED BY NEC, WHERE FEEDER SPLICES ARE TO BE MADE, INSTALL BOXES LARGE ENOUGH TO PROVIDE AMPLE WORK SPACE.
12. FIXTURES WITH ADJUSTMENTS AFFECTING LIGHT DISTRIBUTION SHALL BE SET TO PROVIDE THE REQUIRED LIGHT PATTERNS PRIOR TO THE FINAL DEMONSTRATION TEST. ALL RECESSED LIGHTING FIXTURES SHALL CONFORM TO NEC 410-64.
13. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY CONTROL WIRING FOR ALL EQUIPMENT. ELECTRICAL POWER AND CONTROL WIRING FOR HVAC, POOL, EQUIPMENT AND MECHANICAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR WIRING DIAGRAMS AND REQUIREMENTS.

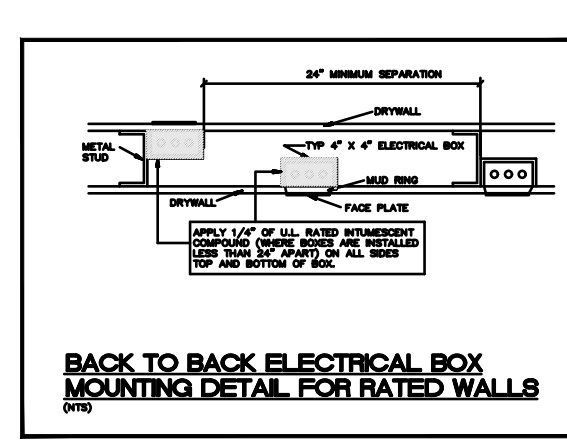
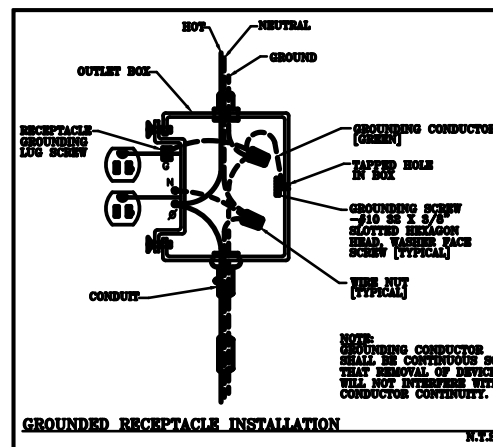
14. PANEL DIRECTORIES SHALL BE TYPED ACCURATELY TO SHOW AS BUILT CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY BALANCING ALL BRANCH CIRCUITS BETWEEN THE PHASES OF THE SYSTEM REGARDLESS OF CIRCUITING INDICATED.
15. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ARCHITECT BEFORE ROUGH INSTALLATIONS OF LIGHTS, RECEPTACLES AND SWITCHES FOR EXACT LOCATION.
16. THE ENTIRE INSTALLATIONS SHALL BE PERFORMED IN A FIRST-CLASS WORK MANNER. THE CONTRACTOR SHALL TOUCH-UP OR REFINISH THE FACTORY FINISH OF EQUIPMENT MARRED DURING SHIPMENT OR INSTALLATION.
17. TESTS: AFTER EACH SYSTEM HAS BEEN COMPLETED, A FUNCTIONAL TEST SHALL BE PERFORMED TO DEMONSTRATE THAT THE SYSTEM OPERATES IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS. THE TEST SHALL BE PERFORMED BY THE CONTRACTOR IN THE PRESENCE OF THE OWNER OR HIS REPRESENTATIVE. ALL WORK SHALL BE GUARANTEED FREE FROM DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE ALL RUBBISH CAUSED BY HIS WORK AND SHALL THOROUGHLY CLEAN ALL ELECTRICAL EQUIPMENT.
18. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO OBTAIN A COMPLETE AND SATISFACTORY INSTALLATIONS. AN ATTEMPT HAS BEEN MADE TO SEPARATE AND COMPLETELY DEFINE THE WORK IN SEPARATE SECTIONS OF THE SPECIFICATIONS. HOWEVER, SUCH SEPARATIONS SHALL NOT RELIEVE THE CONTRACTOR FROM FULL RESPONSIBILITY OF COMPLIANCE WITH THE WORK OF HIS/HER TRADE WHICH MAY BE INDICATED ON ANY OF THE DRAWINGS AND OTHER SECTIONS OF THE SPECIFICATIONS.
19. THE CONTRACTOR SHALL CAREFULLY REVIEW AND VERIFY THE ARCHITECTURAL, STRUCTURAL, POOL EQUIPMENT, MECHANICAL DRAWINGS AND SPECIFICATIONS IN ADDITION TO THE ELECTRICAL AND OTHER RELATED TRADES AND SECTIONS. SHOULD ANY DISCREPANCIES BE FOUND THE ARCHITECT/ENGINEER MUST BE NOTIFIED. THIS COORDINATION SHALL BE DONE PRIOR TO SUBMITTING THE BID.
20. THE ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE ELECTRICAL DRAWINGS WITH REFERENCE TO BUILDING CONSTRUCTION AND DIMENSIONS. THE ELECTRICAL DIAGRAMMATIC ARE TO BE FOLLOWED AS CLOSELY AS POSSIBLE TO THE ACTUAL CONSTRUCTION OF THE BUILDING AND THE WORK OF THE OTHER TRADES WILL PERMIT.
21. ALL JUNCTION BOXES SHALL BE ACCESSIBLE AS PER NEC.
22. ALL PANELBOARDS MAIN BUS BARS SHALL BE COPPER, SIZED IN ACCORDANCE WITH STANDARDS TO LIMIT THE TEMPERATURE RISE ON ANY CURRENT CARRYING PART TO A MAXIMUM OF 50 DEGREES C. ABOVE AN AMBIENT OF 40 DEGREE C. MAXIMUM. PROVIDE MAIN CIRCUIT, CIRCUIT BREAKERS, MAIN LUGS OR SUB-FEED LUGS AS REQUIRED. ALL NEW PANELBOARDS 400A OR ABOVE SHALL BE SQ."D" I-LINE, SIEMENS P2, ALL OTHERS MANUFACTURER SHALL BE EQUIVALENT TO THIS
23. NOT LESS THAN 90% OF THE LAMPS IN PERMANENTLY INSTALLED LUMINARIES SHALL HAVE AN EFFICACY OF AT LEAST 45 LUMENS-PER-WATT OR SHALL UTILIZE LAMPS WITH AN EFFICIENCY OF NOT LESS THAN 65 LUMENS-PER-WATT AS PER R404.1 AND C405.1 2020 FBC EC.
24. SAFETY SWITCHES/CIRCUIT BREAKER DISCONNECTS: SAFETY SWITCHES SHALL BE HEAVY DUTY TYPE RD, FUSIBLE OR NON-FUSIBLE WITH POLES, AMPERAGE, VOLTAGE, HORSEPOWER AND AIC RATINGS INDICATED AND SHALL HAVE SOLID NEUTRALS. LUGS SHALL BE U.L. LISTED FOR COPPER-ALUMINUM. ENCLOSURES FOR SAFETY SWITCHES SHALL BE NEMA-1, GENERAL PURPOSE, EXCEPT THAT SWITCHES INDICATED (WP) WEATHERPROOF, SHALL BE NEMA-3R ENCLOSURES WITH SUITABLE GASKETS AND BONDING MEANS. SWITCHES AND DISCONNECT SHALL BE AS MANUFACTURED BY SQUARE "D" OR APPROVED EQUAL. CIRCUIT BREAKER DISCONNECTS MAY BE USED IN LIEU OF SAFETY SWITCHES PROVIDING THEY COMPLY WITH THE SAFETY SWITCH REQUIREMENTS AND ARE SUPPLIED WITHIN THEIR RATINGS AND A SCHEDULE IS SUBMITTED FOR APPROVAL.

VOLTAGE DROP:

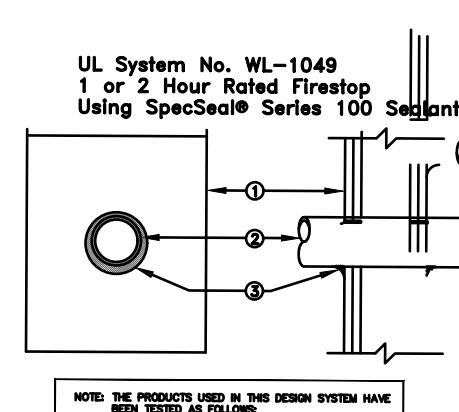
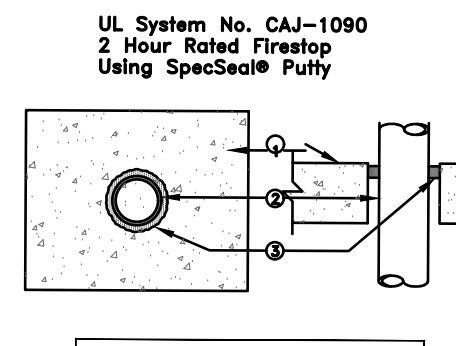
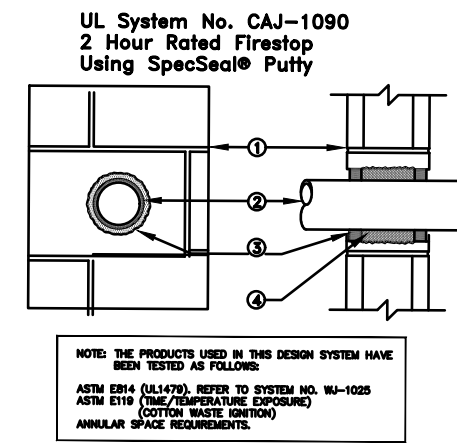
ALL FEEDER CONDUCTORS ARE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2.0% AT DESIGN LOAD.

BRANCH CIRCUITS:

ALL BRANCH CIRCUITS CONDUCTORS ARE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3.0% AT DESIGN LOAD.



FIRE PROTECTION DETAILS



NOTE: THE PRODUCT USED IN THIS DESIGN SYSTEM HAVE BEEN TESTED AS FOLLOWS:
UL SYSTEM NO. CAJ-1090
2 Hour Rated Firestop
Using SpecSeal® Putty
UL SYSTEM NO. WL-1049
1 or 2 Hour Rated Firestop
Using SpecSeal® Series 100 Sealant

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1. Concrete or concrete block wall.
2. Steel, iron, copper or rigid PVC conduit.
3. SpecSeal® Putty installed to a 3/4" depth with conditioned material used to form a 1/4" crown.
4. Fiberglass forming material packed into wall cavity.
5. Note: Forming material is optional with steel and iron penetrations when the putty is installed to a full 1" depth, recessed 1/2" into both sides of the wall.

1. Concrete slab or concrete over steel deck.
2. Steel, iron pipe or rigid PVC conduit up to 6" trade size.
3. SpecSeal® Putty installed to 1 1/2" depth, recessed 1/2" from top surface. Annulus ranging from 1/4" minimum to 1" maximum.
4. Note: Forming material is optional with steel and iron penetrations when the putty is installed to a full 1" depth, recessed 1/2" into both sides of the wall.

1. Rotted gypsum wall board assembly.
2. Steel, iron pipe, or rigid PVC conduit (flexible or rigid) or EMT.
3. SpecSeal® Series 100 Sealant.
4. Note: Forming material is optional with steel and iron penetrations when the putty is installed to a full 1" depth, recessed 1/2" into both sides of the wall.

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GENERAL ELECTRICAL NOTES:

- 1- ALL LIGHT FIXTURE TYPES SHALL BE SELECTED BY OWNER/ARCHITECT.
- 2- ALL CEILING RECESSED LIGHT FIXTURES IN DIRECT CONTACT WITH INSULATION SHALL BE 'IC' TYPE AS REQUIRED BY N.E.C. AIR TIGHT AND HOUSING SHALL BE SEALED WITH A GASKET OR CAULK TO CEILING OR WALL. R402.4
- 3- ALL LIGHTING, EXIT SIGN & EMERGENCY LIGHT TO BE SELECTED BY OWNER.
- 4- VERIFY EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- 5- NOT USED.
- 6- CONTRACTOR SHALL COORDINATE WITH OWNER/ARCHITECT PROPER INSTALLATION AND FINAL LOCATION OF ALL HVAC DIFFUSERS AND LIGHTS PRIOR TO ROUGH-INS AND INSTALLATIONS.
- 7- VERIFY EQUIPMENT ELECTRICAL LOADS WITH EQUIPMENT "CUT SHEETS" AND NAMEPLATE OF EQUIPMENT BEFORE INSTALLATION OF POWER CONDUCTORS.
- 8- REFER TO MECHANICAL PLANS FOR EXACT LOCATION OF MECH. EQUIPMENT.
- 9- PROVIDE AND INSTALL ALL NEEDED RELAYS, STARTERS AND CONTROL WIRING NOT SHOWN ON THESE PLANS FOR COMPLETE INSTALLATION OF A/C SYSTEMS SHOWN.
- 10- ALL NEW INTERIOR AND EXTERIOR LIGHT FIXTURES SHALL BE SELECTED BY THE OWNER OR OWNER'S INTERIOR DESIGNER.
- 11- NOT USED.
- 12- ALL LED LIGHT FIXTURES SHALL BE FULL SPECTRUM WITH WARM WHITE LIGHT
- 13- 90% OF ALL FIXTURES/LAMPS SHALL BE ENERGY EFFICIENT.
- 14- INTERSYSTEM BONDING REQUIRED TELEPHONE AND LOW VOLTAGE SYSTEM AS PER NEC ARTICLE 250.94

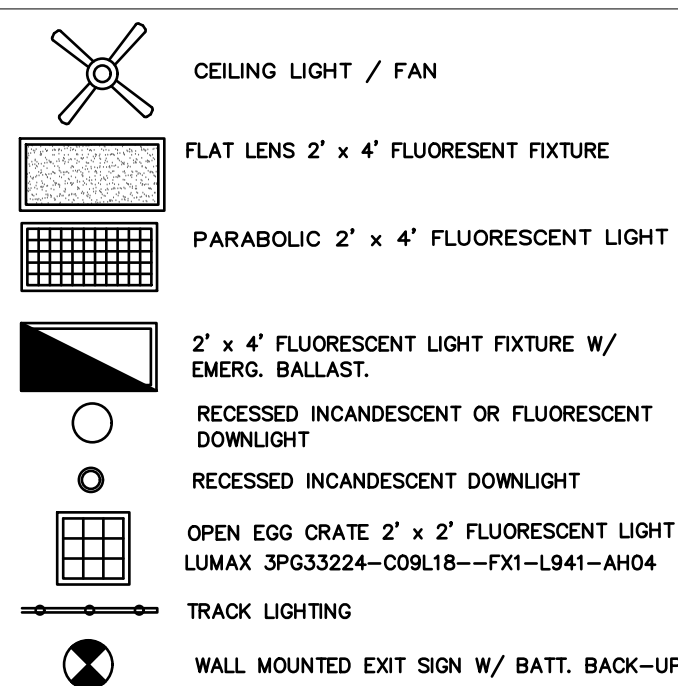
COMPLETION REQUIREMENTS: (TO COMPLY WITH CHAPTER 13-413.1 ABC.2 FBC 2020 7TH EDITION) DRAWINGS.

CONSTRUCTION DOCUMENTS SHALL REQUIRE THAT WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED TO THE BUILDING OWNER, INCLUDING:

1. A SINGLE-LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM AND
2. FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION.

MANUALS
CONSTRUCTION DOCUMENTS SHALL REQUIRE THAT AN OPERATING MANUAL AND MAINTENANCE MANUAL BE PROVIDED TO THE ESTABLISHMENT OWNER. THE MANUALS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:

1. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
2. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRE ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
3. NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY



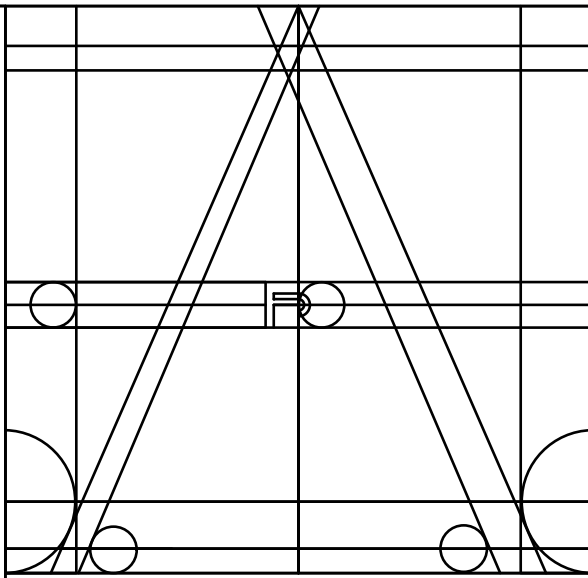
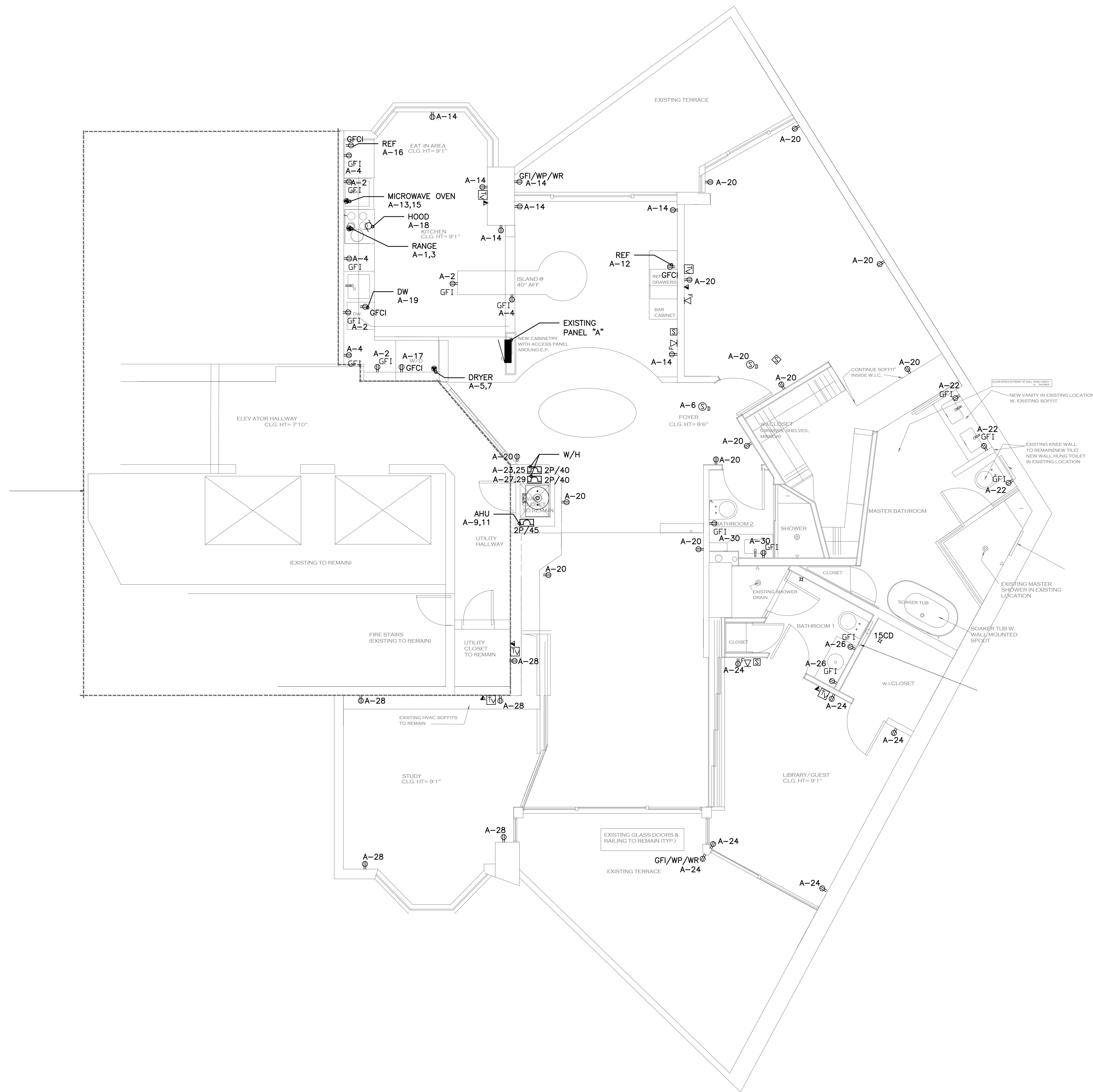
ELECTRICAL SYMBOL LEGEND

- EXTERIOR WALL PACKS
- CEILING MOUNTED CORD RECEPTACLES
- 20AMP, 115V, SINGLE RECEPT. 18" AFF
- 20AMP, 115V, DUPLEX RECEPT. 18" AFF
- 20AMP QUADPLEX RECEPT. 18" AFF
- 20AMP, 115V, DUPLEX RECEPT. W/ G.F.C.I.
- 20AMP, 115V, DUPLEX RECEPT. 6" ABOVE CEILING
- 20AMP, 115V, FLOOR RECEPTACLE
- SPECIAL RECEPTACLE 36" AFF U.N.O.
- TELEPHONE JUNCTION BOX 18" AFF
- DATA OUTLET BOX 18" AFF
- MOTORIZED SWITCH

- TELEPHONE/DATA JUNCTION BOX 18" AFF
- T.V. CABLE OR ANTENNA OUTLET
- FLOOR MOUNTED RECEPT. AND VOICE/DATA
- MOTOR OR FAN
- CEILING MOUNT OCCUPANCY SENSOR
- WALL MOUNTED EMERGENCY LIGHT W/ BATTERY BACK-UP
- LIGHTING FIXTURE TYPE. LETTER REFERS TO SCH.
- WATER HEATER
- JUNCTION BOX
- GFCI GROUND FAULT CIRCUIT INTERRUPTER

- DISCONNECT HEAVY DUTY (3) POLES, 15A FUSE, 30A FRAME
- MOTOR STARTER OR CONTACTOR
- CONDUIT
- BRANCH CIRCUIT HOMERUN. LONG HASHMARK W/ FLAG DENOTES GROUND WIRE. LONG HASHMARK W/O FLAG DENOTES NEUTRAL WIRE, SHORT HASHMARK DENOTES PHASE WIRE.
- C.U. CONDENSING UNIT
- A.F.F. ABOVE FINISHED FLOOR
- SECURITY CAMERAS
- SINGLE POLE LIGHT SWITCH - 48" AFF
- THREE WAY SWITCH - 48" AFF U.N.O.
- A.F.G. ABOVE FINISHED GRADE

- SINGLE POLE LIGHT DIMMER SWITCH - 48" AFF, U.N.O. WITH AUTOMATIC SHUT-OFF, DUAL (PD1) TYPE FEATURE.
- AHU AIR HANDLING UNIT
- DUCT HEATER
- ELECTRICAL PANEL - SURFACE MOUNTED
- WEATHER PROOF
- EXHAUST FAN
- CEILING MOUNTED EMERGENCY LIGHT W/ BATTERY BACK-UP



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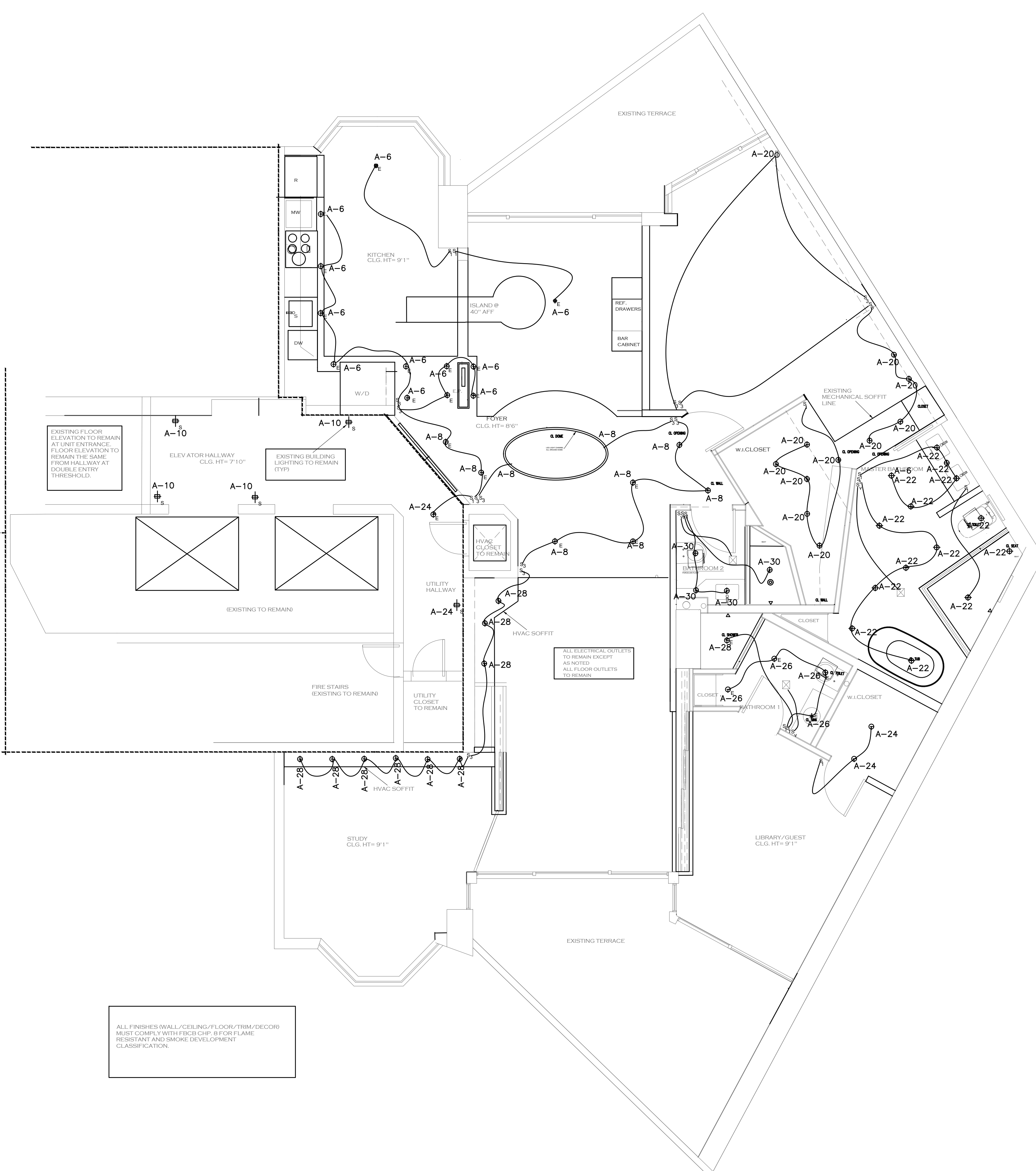
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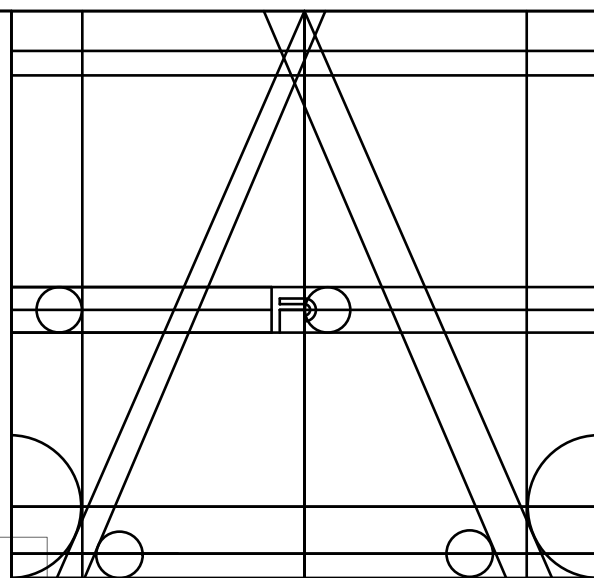
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- LEGEND**
- ⊕_E 1/2" BOX FOR SURFACE MNTD. LIGHT FIXTURE (B.O.)
 - ⊕_E 2.5" Low voltage LED RECESSED FIXTURE WAC (HR-836-SN(white)) 4000 K TO REPLACE EXISTING RECESSED FIXTURE
 - ⊕_E NEW 2.5" Low voltage LED RECESSED FIXTURE WAC (HR-836-SN(white)) 4000 K
 - ⊕_S EXISTING WALL MNTD. SCOFF IN ELEVATOR HALLWAY TO REMAIN
 - ⊕_A ELECTRICAL DUPLEX OUTLET
 - ⊕_A ELECTRICAL APPLIANCE OUTLET
 - ⊕_{GF} ELECTRICAL GROUND FAULTED OUTLET
 - ⊕_S SINGLE POLE SWITCH WITH DIMMER (0-10)
 - ⊕_S 3-WAY LIGHT SWITCH WITH DIMMER
 - ⊕_{SD} SMOKE DETECTOR (HARDWIRED)(VFI), 120V BACK-UP BATTERY(INTERCONNECTED, & LOCATED 36" MIN. FROM ANY SUPPLY GRILLE)
 - ⊕_S BATHROOM EXHAUST FAN TO REMAIN
 - ⊕_T ELECTRICAL FEED FOR LED DRIVER
- NOTE 1:**
ALL OUTLET LOCATIONS TO MEET LOCAL CODES
REPLACE EXISTING RECEPTACLES SWITCHES TO MATCH NEW
ALL WHITE DECORA SCREWLESS WALL PLATES, DIMMERS T.B.S.
KITCHEN BACKSPASH SATIN s.s. SCREWLESS WALL PLATES
- NOTE 2:**
INVENTORY & REVIEW EXISTING RECEPTACLES/GFC'S FOR CODE COMPLIANCE, ADD AS NECESSARY, IN UNIT AND ELEVATOR HALLWAY.
ALL FLOOR OUTLETS TO REMAIN



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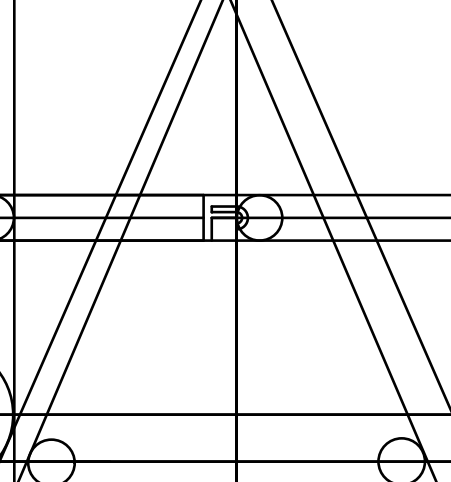
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FAIR HOUSING APPLIES
FOR ALL DOOR WIDTHS,
KITCHEN & BATHROOM.

PANEL SCHEDULE NOTES

- ① REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND CHARACTERISTICS OF HVAC EQUIPMENT. PROVIDE HVAC RATED CIRCUIT BREAKER. HEATING & COOLING ARE NON-CONCURRENT LOADS. HIGHEST VALUE USED FOR KVA CALCULATIONS.
- ② ELECTRICAL CONTRACTOR SHALL VERIFY ALL KITCHEN EQUIPT. REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
- ③ ALL SMALL APPLIANCE RECEPTACLES IN KITCHEN SHALL BE GFCI PROTECTED IN ACCORDANCE WITH NEC 210-8.
- ④ THIS IS PART OF GENERAL LIGHTING LOAD AS SET FORTH IN NEC 220-3(b). 3 WATT PER SQ. FT.
- ⑤ ALL BEDROOMS, FAMILY ROOMS, DINNING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, SUNROOMS, RECREATION ROOMS, CLOSETS AND HALLWAYS CIRCUITS SHALL BE PROTECTED BY USE OF A LISTED COMBINATION TYPE ARC FAULT INTERRUPTER CIRCUIT BREAKERS (A.F.C.I.) AS REQUIRED BY N.E.C. 210.12 (A) (B)
- ⑥ NOT USED
- ⑦ GFCI PROTECTED CIRCUIT BREAKER
- ⑧ THIS BREAKER MUST BE ABLE LOCKED IN THE OFF POSITION



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SPACE FOR NYC-BSCAN STICKER

