

POWER	
	WALL MOUNTED 15A, 120V, 1Ø, 3W GROUNDED DUPLEX NORMAL POWER RECEPTACLE
	WALL MOUNTED 15A, 120V, 1Ø, 3W GROUNDED DUPLEX EMERGENCY POWER RECEPTACLE ('U' DENOTES CONNECTION TO UPS POWER SYSTEM)
	WALL MOUNTED 15A, 120V, 1Ø, 3W GROUNDED DUPLEX NORMAL POWER RECEPTACLE MOUNTED 150mm ABOVE COUNTER OR 1100mm A.F.F.
	AS ABOVE EXCEPT CONNECTED TO EMERGENCY POWER.
	15/20A, 1Ø, 120V 'T'-SLOT GROUNDED DUPLEX NORMAL POWER RECEPTACLE ('HK' DENOTES HOUSEKEEPING)
	120V, 1Ø DIRECT CONNECTION FOR EQUIPMENT AS NOTED
	208V, 1Ø DIRECT CONNECTION FOR EQUIPMENT AS NOTED
	208V, 3Ø DIRECT CONNECTION FOR EQUIPMENT AS NOTED
	600V, 3Ø DIRECT CONNECTION FOR EQUIPMENT AS NOTED
	DISCONNECT SWITCH BY DIVISION 26, SIZE AS NOTED. ('F' DENOTES FUSED DISCONNECT SWITCH)
	STARTER SWITCH BY DIVISION 26, SIZE AS NOTED. ('S' DENOTES STARTER)
	DISCONNECT SWITCH STARTER OR VFD BY DIV. 20, REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION. ('F' DENOTES FUSED DISCONNECT SWITCH, 'S' DENOTES STARTER, 'VFD' DENOTES VFD)
	POWER PANEL
	FLUSH MOUNTED LIGHTING OR RECEPTACLE PANEL
	SURFACE MOUNTED LIGHTING OR RECEPTACLE PANEL
	204mm x 204mm x 102mm LABELLED JUNCTION BOX MOUNTED, C/W BLANK COVER PLATE FOR CONNECTION AS NOTED
	CIRCUIT BREAKER IN SEPARATE, LOCKABLE ENCLOSURE

ABBREVIATIONS	
AFF	DENOTES ABOVE FINISHED FLOOR
BFC	DENOTES BELOW FINISHED CEILING
GF	DENOTES CONNECTED TO GROUND FAULT INTERRUPTING TYPE BREAKER
MP	DENOTES MOISTURE PROOF
OC	DENOTES MOUNTED 150mm OVER COUNTER, 75mm OVER BACKSPLASH OR 1100mm AFF
TL	DENOTES TWIST-LOCK DEVICE
TYP	DENOTES TYPICAL
WP	DENOTES WEATHERPROOF

MISCELLANEOUS SYMBOLS	

SINGLE LINE & RISERS	
	MOLDED CASE CIRCUIT BREAKER
	LOAD BREAK INTERRUPTER SWITCH
	DIGITAL METERING UNIT
	TRANSIENT VOLTAGE SURGE SUPPRESSOR
	FUSE, TYPE AND SIZE AS INDICATED AND SPECIFIED
	POWER OR DISTRIBUTION TRANSFORMER, TYPE AND SIZE AS INDICATED AND SPECIFIED
	GROUND CONNECTION
	SHUNT TRIP OPERATION OF BREAKER AS INDICATED

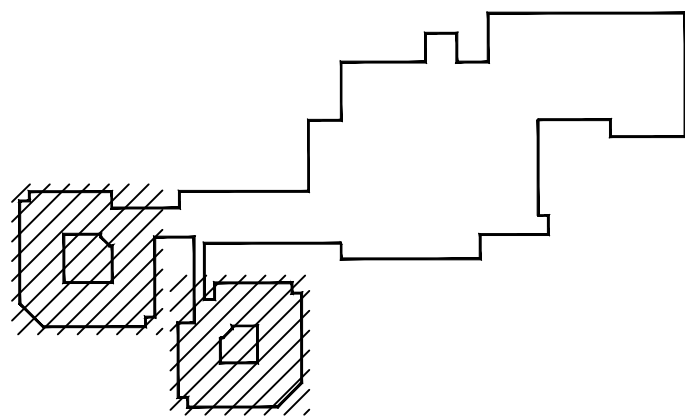
- GENERAL NOTES: (APPLICABLE TO ALL DRAWINGS)
- REFER TO MECHANICAL DRAWINGS, SPECIFICATIONS AND GENERAL TRADES SPECIFICATIONS FOR CONSTRUCTION PHASING AND DETAILS PRIOR TO COMMENCING WORK.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WORK WITH OTHER TRADES PRIOR TO THE ROUGH-IN OF ANY DEVICE INCLUDING COORDINATION WITH FURNITURE AND EQUIPMENT SUPPLIER.
 - ALL NEW DEVICES BEING INSTALLED ON EXISTING WALLS SHALL BE RECESSED MOUNTED.
 - PROVIDE WIRING AND CONDUIT TO ALL DOOR HARDWARE DEVICES SHOWN ON DRAWINGS AND AS PER SPECIFICATIONS. COORDINATE WITH DOOR HARDWARE SUPPLIER FOR INSTALLATION REQUIREMENTS.
 - REFER TO ARCHITECTURAL DOOR HARDWARE SCHEDULE FOR ADDITIONAL DETAILS REGARDING DOOR HARDWARE INSTALLATION REQUIREMENTS.
 - CONTRACTOR IS TO FOLLOW ALL INFECTION CONTROL PROCEDURES AS SET OUT IN THE GENERAL TRADES SPECIFICATIONS, AND AS FURTHER REQUIRED BY THE HOSPITAL.
 - EXISTING DEVICES AND SYSTEMS INDICATED ON THESE DRAWINGS ARE INTENDED TO SHOW THE GENERAL SCOPE OF WORK ONLY. THE CONSULTANT DOES NOT WARRANT THE ACCURACY OF EXISTING BUILDING CONDITIONS, DIMENSIONS, OR MATERIALS REPRESENTED ON THE DRAWINGS. DURING THE TENDER PERIOD, THE CONTRACTOR SHALL PERFORM A SITE INSPECTION OF THE PLACE OF WORK & SURROUNDINGS INCLUDING CEILING SPACES, AS WELL AS OTHER AREAS WHERE ACCESS WOULD BE CONSIDERED REASONABLE & MAKE A THOROUGH INVESTIGATION OF AS-BUILT CONDITIONS TO DETERMINE THE SCOPE OF DEMOLITION/RENOVATION WORK REQUIRED PRIOR TO SUBMITTING THEIR PRICE. THE CONTRACTOR MAY NOT RELY ON THE CONTRACT DRAWINGS TO LIMIT THE SCOPE OF DEMOLITION/RENOVATION WORK REQUIRED.
 - CONTRACTOR PRICING FOR ALL WORK ASSOCIATED WITH THIS PROJECT SHALL BE UNDERTAKEN WITH THE UNDERSTANDING THAT THE OWNER MAY NOT ALLOW CERTAIN TYPES OF WORK TO PROCEED DURING SPECIFIC TIME PERIODS. IT IS RECOMMENDED THAT THE CONTRACTOR FAMILIARIZE THEMSELVES WITH THESE CONSTRAINTS PRIOR TO PRICING.
 - POWER AND SYSTEMS SHUT-DOWN MUST BE ARRANGED WITH AND AT A TIME CONVENIENT TO THE HOSPITAL. PROVIDE SEVEN DAYS WRITTEN NOTICE FOR POWER SHUT-DOWNS. COORDINATE SHUTDOWNS WITH FACILITY MANAGEMENT OFFICE [FMO]
 - WHEN WORKING ON ANY ELECTRICAL CIRCUIT FED FROM ANY POWER PANEL OR LIGHTING PANEL PROVIDE THE FOLLOWING:
 - SUITABLE LOCK-OFF DEVICES, PADLOCK FOR LARGE SWITCHES ETC OR LOCK-OFF DEVICES FOR LIGHTING PANEL BREAKERS.
 - SUITABLE, CLEAR WARNING SIGNS.
 - HANDWRITTEN INFORMATION SHEET IDENTIFYING NAME OF CONTRACTOR, DATE, LOCATION OF WORK AND ANTICIPATED TIME OF COMPLETION. DISPLAY THIS IN A VISIBLE LOCATION AND REMOVE ONLY WHEN THE CIRCUIT IS RE-ENERGIZED.
 - REFER TO BASE BUILDING ARCHITECTURAL DRAWINGS FOR RATING OF WALL PARTITIONS. PROVIDE FIRE STOPPING FOR ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES
 - REFER TO MECHANICAL DRAWINGS FOR SERVICE ROUTING OF NEW MECHANICAL SYSTEMS IN EXISTING BUILDINGS. COORDINATE INSTALLATION OF MECHANICAL SERVICES TO PROVIDE REMOVAL & RE-INSTALLMENT OF LIGHTING FIXTURES, ELECTRICAL DEVICES, AND FIRE ALARM DEVICES. FIRE ALARM & LIFE SAFETY SYSTEMS SHALL BE KEPT OPERATIONAL THROUGHOUT THE EXECUTION OF THE WORK. IF A FIRE ALARM SYSTEM/ZONE NEEDS TO BE DE-ACTIVATED FOR WORK RELATED TO THIS PROJECT, PROVIDE REQUIRED NUMBER OF PERSONNEL TO PERFORM AN APPROVED FIRE WATCH (ACCEPTABLE TO THE AUTHORITIES HAVING JURISDICTION) IN AFFECTED AREAS & FOR THE ENTIRE PERIOD OF TIME THAT THE FIRE ALARM SYSTEM/ZONE IS DE-ACTVATED.

DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE CONSULTANT BEFORE PROCEEDING.
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	NO.	DATE (YYYY-MM-DD)	DESCRIPTION
DRAWING REVISIONS			

03	2023-12-08	ISSUED FOR TENDER
02	2023-11-17	ISSUED FOR 90% CD
01	2023-10-27	ISSUED FOR 90% DD
NO.	DATE (YYYY-MM-DD)	DESCRIPTION
DRAWING ISSUE		

KEYPLAN:



NORTH:

SEAL:

Permit No.: 1001943

PROJECT:
**FORT ST. JOHN HOSPITAL
RESIDENTIAL CARE COOLING
UPGRADE**

HHA PROJECT NUMBER: 223-0541

DRAWING TITLE:
**ELECTRICAL LEGEND
& DRAWING LIST**

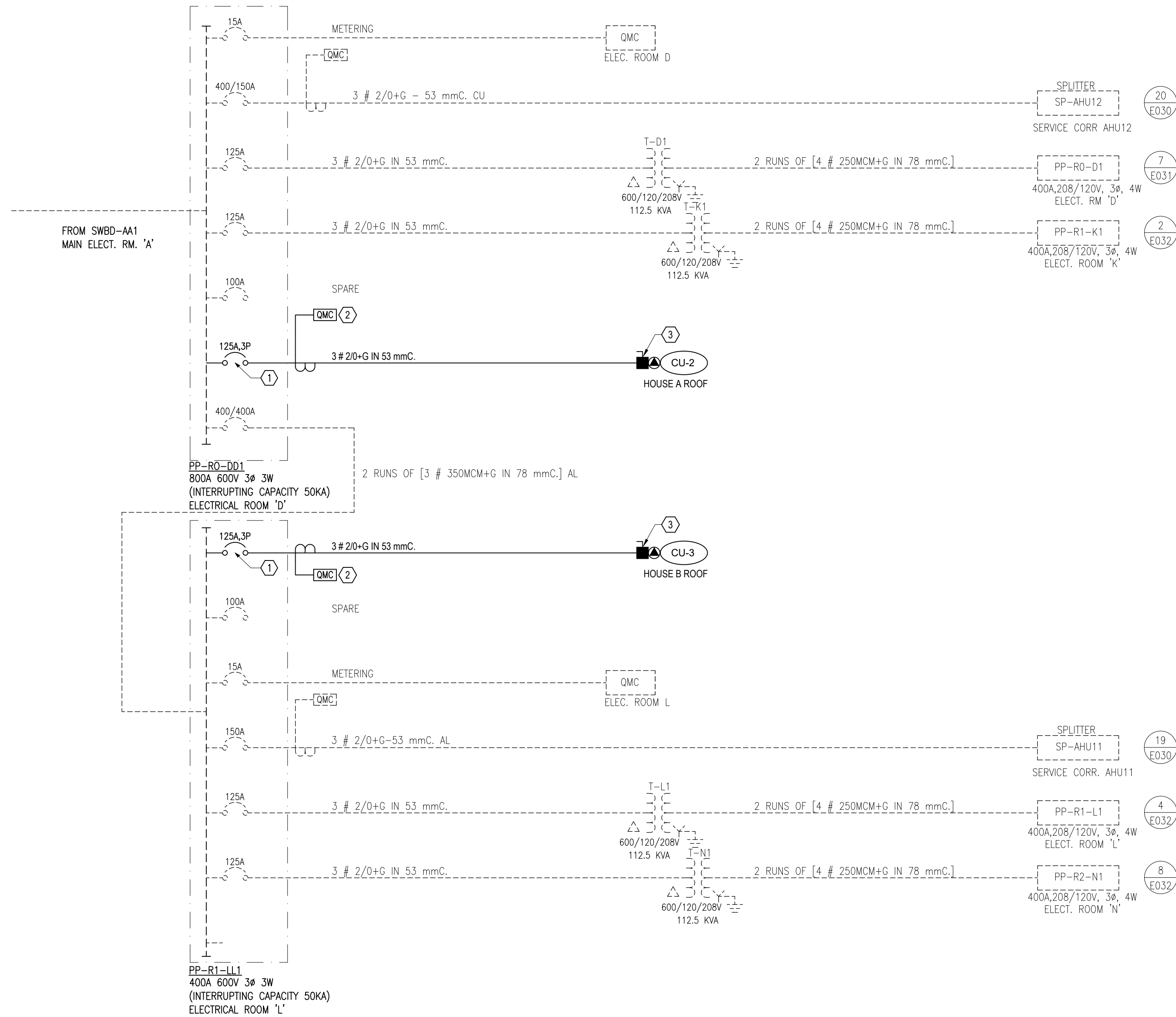
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E001

DRAWING LIST	
E001	ELECTRICAL DRAWING LIST AND LEGEND
E002	SINGLE LINE DIAGRAM - ELECTRICAL
E100	ELECTRICAL PART PLANS - HOUSE A - LEVELS 0A, 1, & ROOF
E101	ELECTRICAL PART PLANS - HOUSE B - LEVELS 1, 2B, & ROOF

DRAWING STYLES	
	NEW
	EXISTING TO REMAIN UNLESS NOTED OTHERWISE

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PLOT DATE: 2023-12-08 15:40



DRAWING NOTES:

- 1 PROVIDE NEW 125A, 3P BREAKER IN EXISTING PANEL. MATCH INTERRUPTING RATING OF BASE BUILDING BREAKERS.
- 2 PROVIDE NEW ELECTRICAL ENERGY METERING POINTS FOR NEW MECHANICAL LOAD. EXTEND EXISTING METERING SYSTEM AT RESPECTIVE PANEL TO SUIT.
- 3 PROVIDE ARC FLASH LABEL ON EQUIPMENT DISCONNECT REFLECTING INCIDENT ENERGY AT THIS LOCATION. UPDATE FACILITY ARC FLASH STUDY TO INCLUDE NEW MECHANICAL EQUIPMENT AS NECESSARY TO PRODUCE UPDATED LABEL.



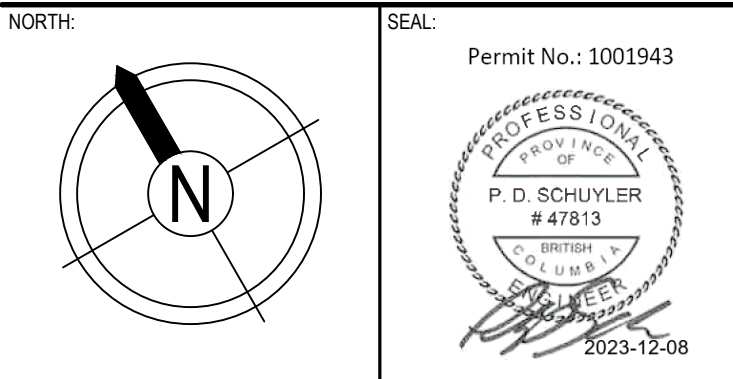
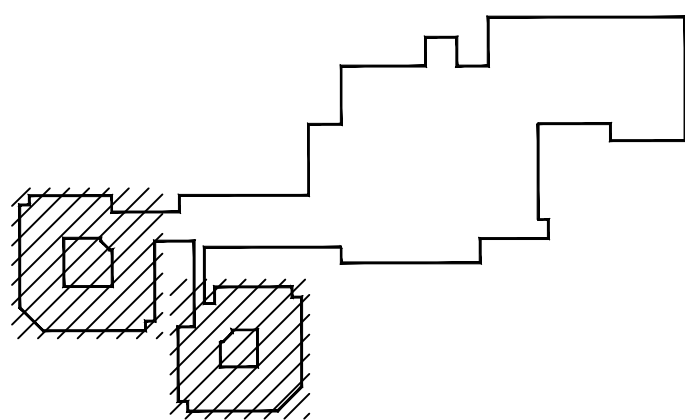
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UPGRADE**

HHA PROJECT NUMBER: 223-0541

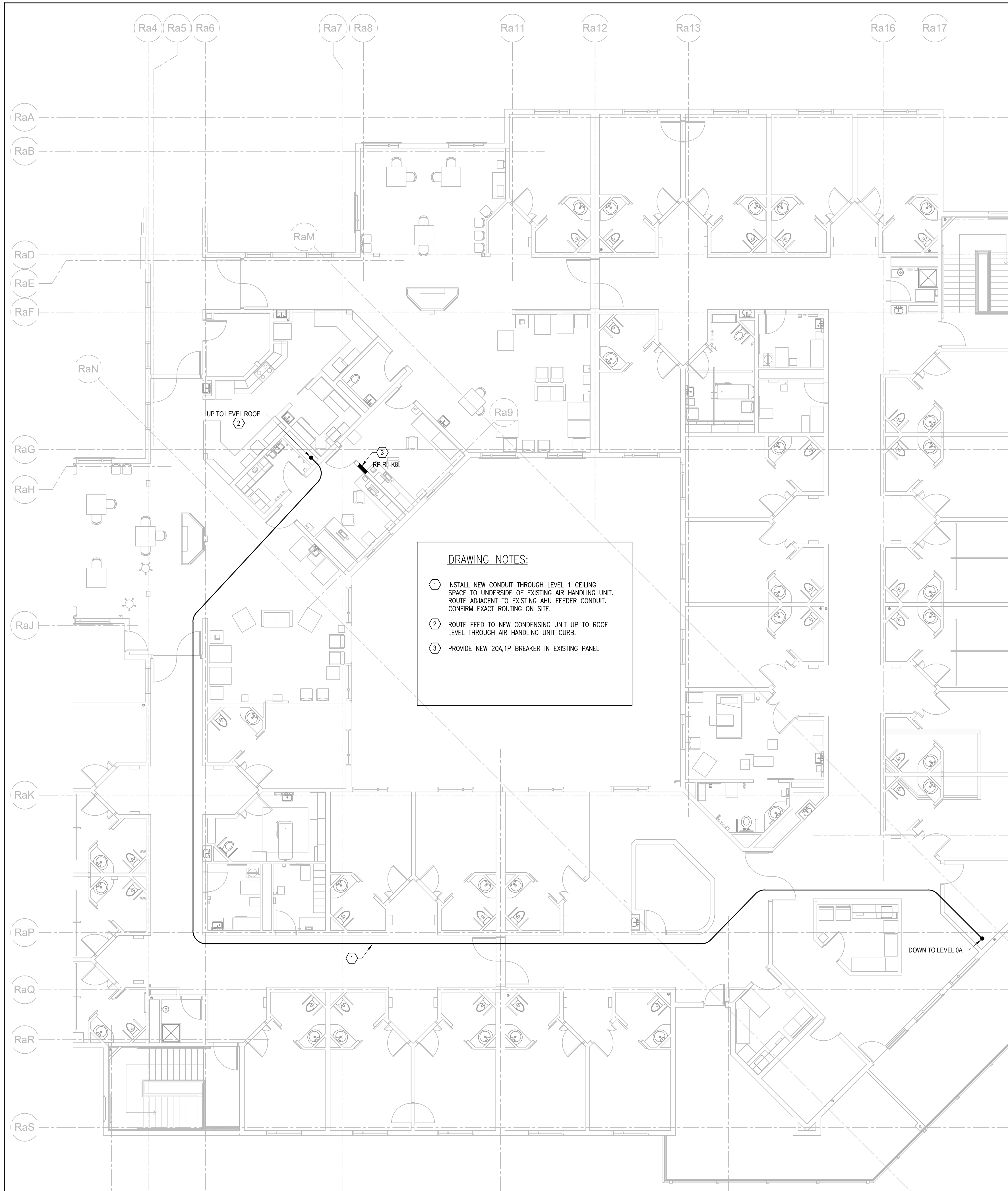
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**SINGLE LINE DIAGRAM -
ELECTRICAL**

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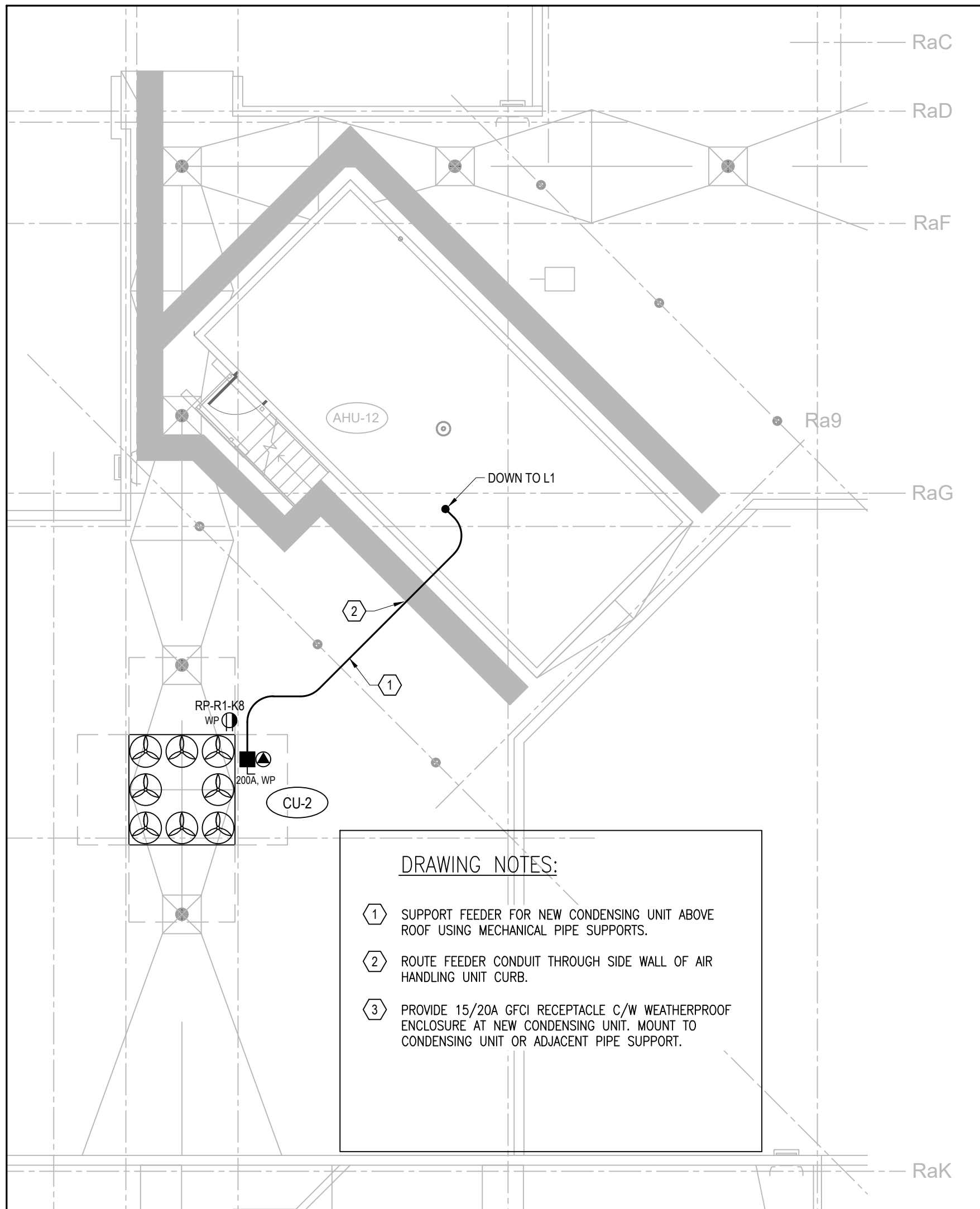
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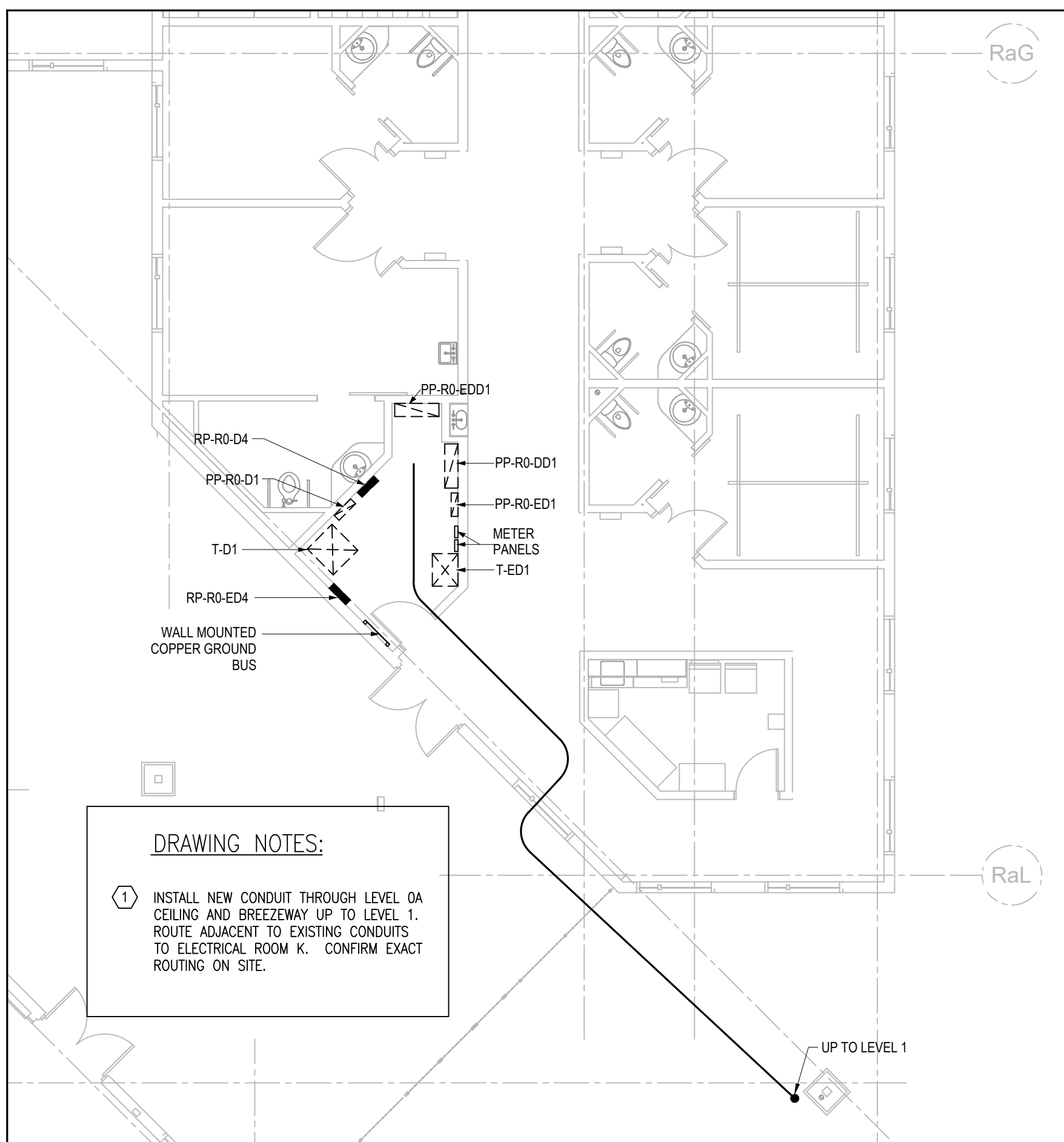
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PLOT DATE: 2023-12-08 1:01



2 HOUSE A - LEVEL 1 PART PLAN
E100 1:100



3 HOUSE A - ROOF PART PLAN
E100 1:100



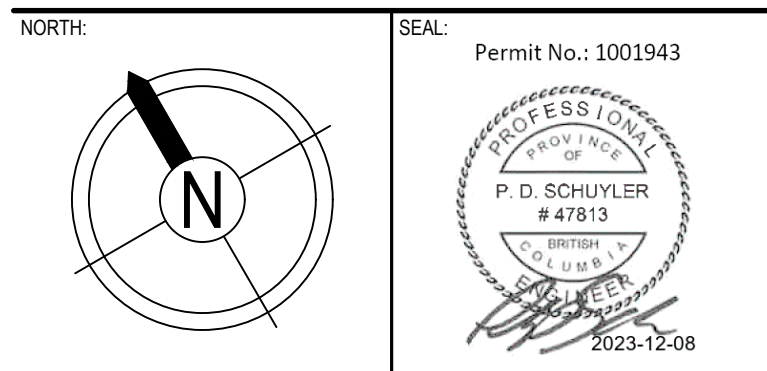
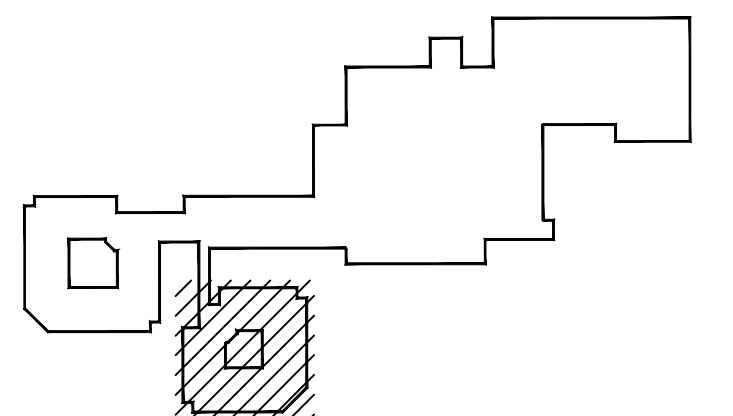
1 HOUSE A - LEVEL 0A PART PLAN
E100 1:100

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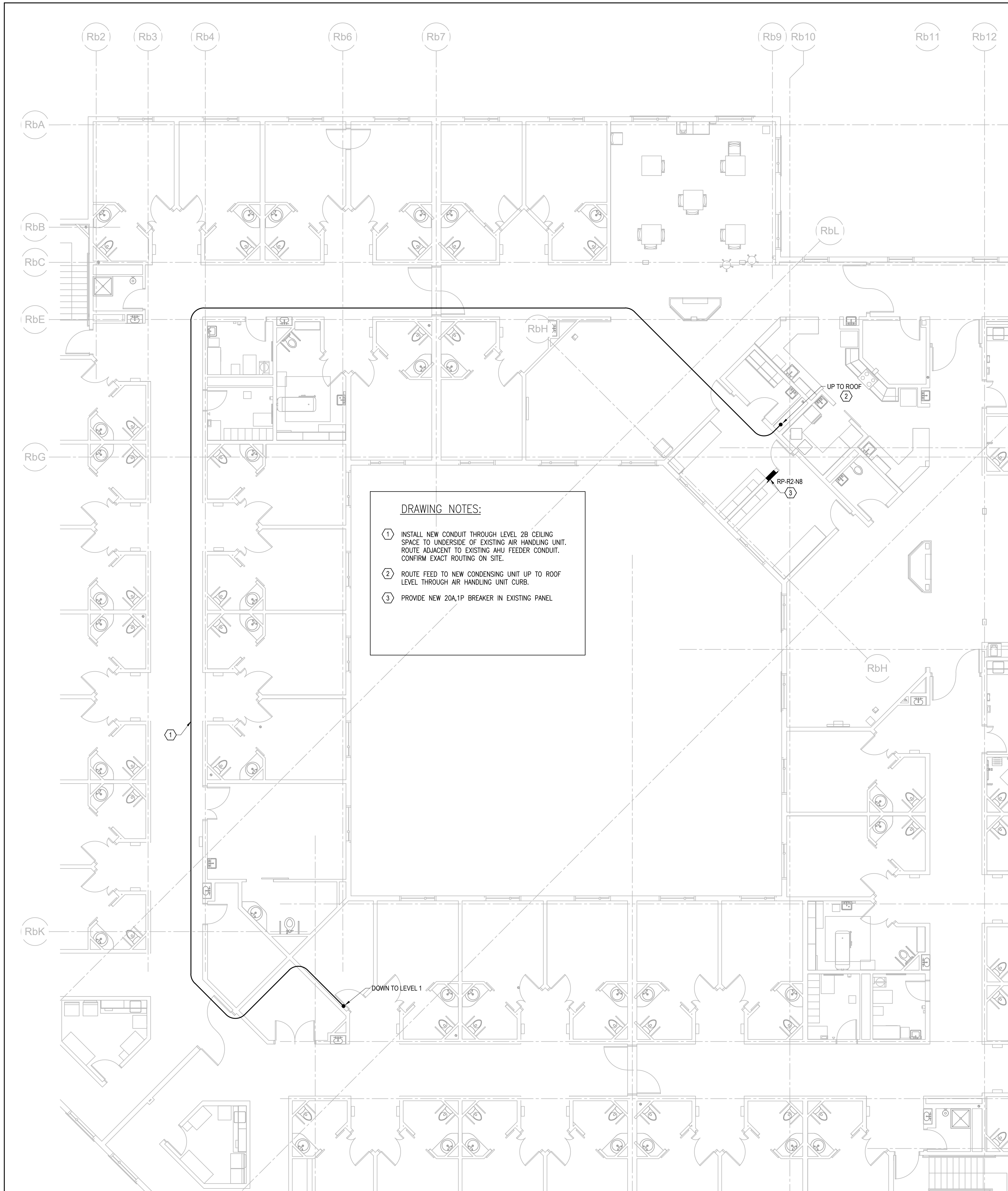
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**ELECTRICAL PART PLANS
HOUSE A
LEVELS 0A, 1, & ROOF**

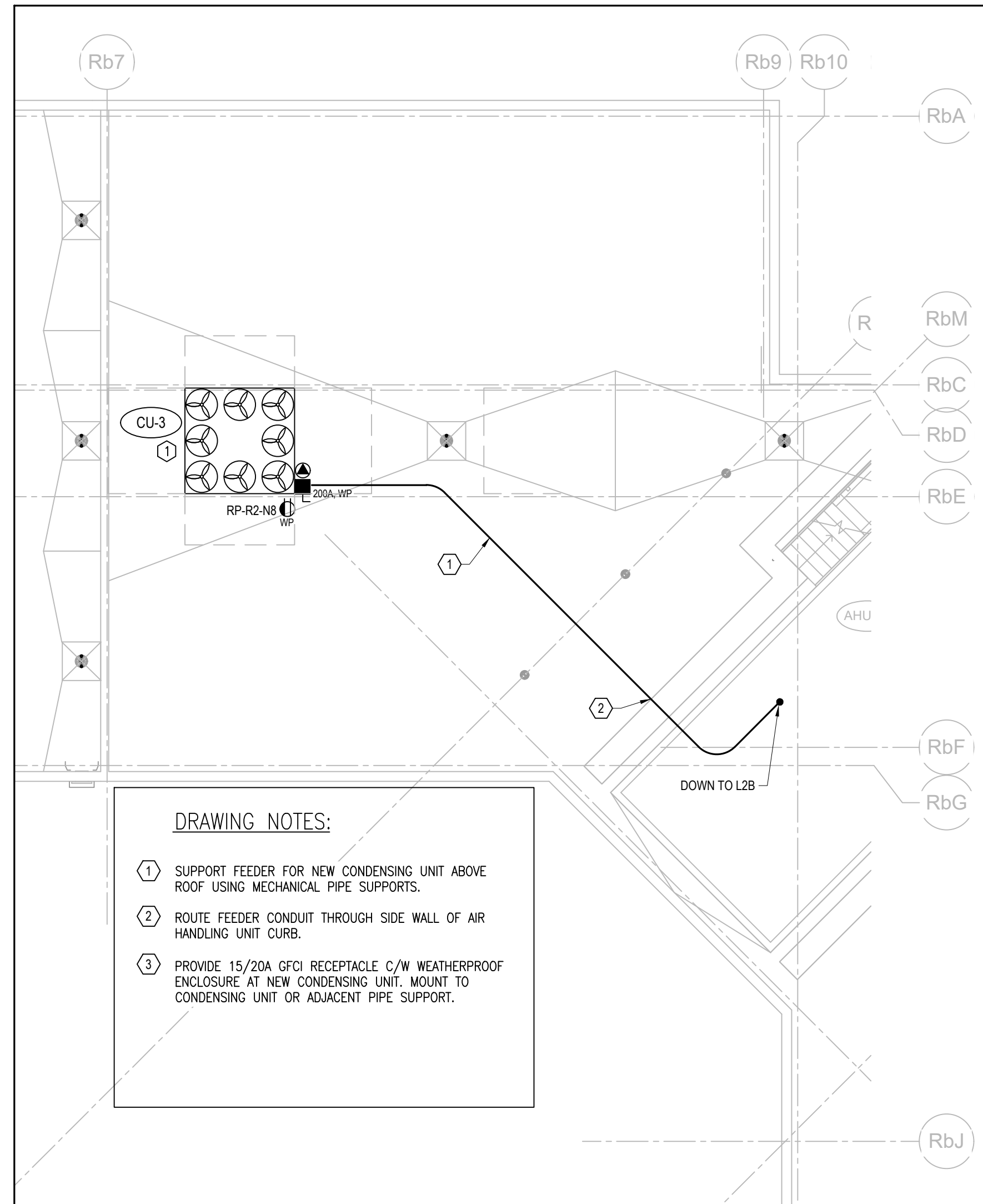
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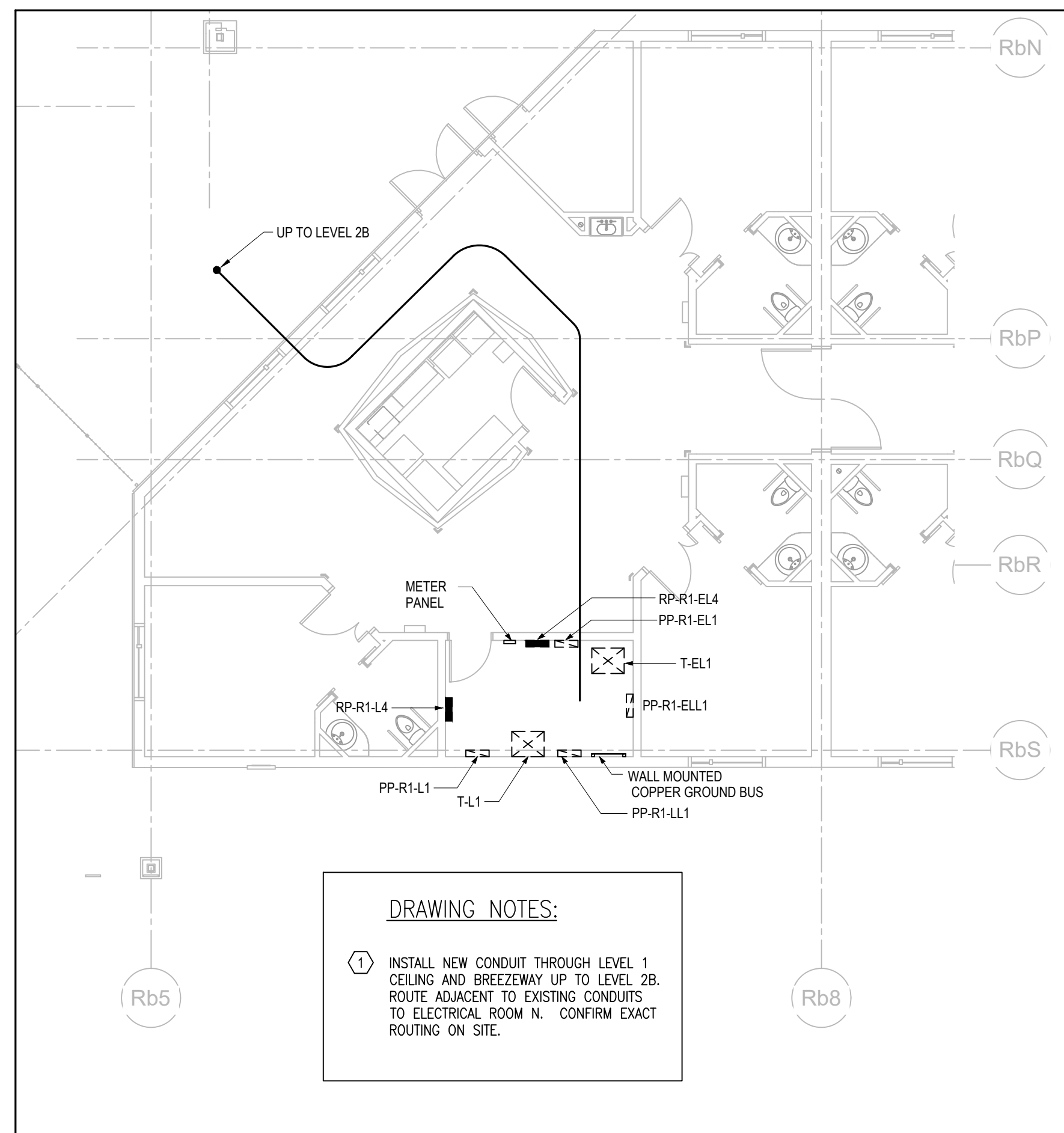
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2 HOUSE B - LEVEL 2B PART PLAN
E101 1:100



3 HOUSE B - ROOF PART PLAN
E101 1:100



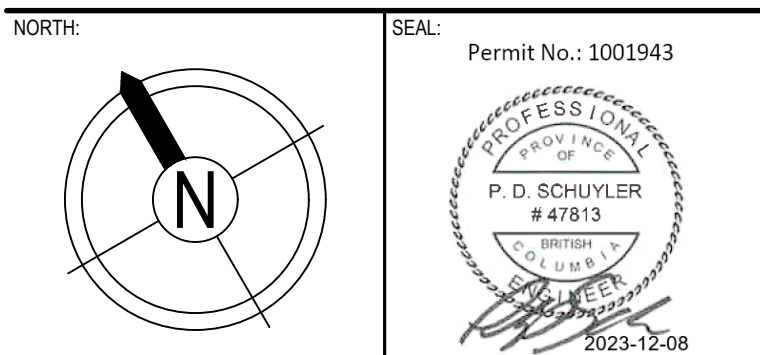
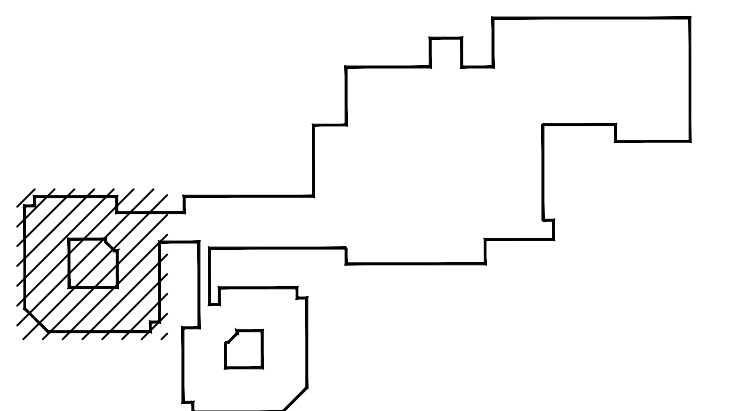
1 HOUSE B - LEVEL 1 PART PLAN
E101 1:100

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HOUSE B
LEVEL 1, 2B, & ROOF**

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E101