

UNITS	COOLING				HEATING				
	FLA	VOLTS-Ø	DISC. SW.	FUSE**	kW	VOLTS-Ø	DISC. SW.	FUSE**	WIRE & C
RTU-1	11.9	480-3	30A, 3P NEMA 3R	20A FRS-R					3 #10 THWN CU., 1 #10 C
RTU-2	10.7	480-3	30A, 3P NEMA 3R	20A FRS-R					3 #10 THWN CU., 1 #10 Cl
CU-1 / IU-1 (FC-1)	11.2	208-1	30A, 2P NEMA 3R	25A FRN-R					2 #10 THWN CU., 1 #10 Cl
EF-1	2.4	120-1	30A, 1P NEMA 3R	15A FRN-R					2 #12 THWN CU., 1 #12 C

(#)	KEYED NOTES	
( # )	RETED NOTES.	

- NEW 6-TON ROOF TOP UNIT (RTU-1). SEE HVAC 1. ELECTRICAL REQUIREMENTS SCHEDULE THIS SHEET.
- 2. NEW 5-TON ROOF TOP UNIT (RTU-2). SEE HVAC ELECTRICAL REQUIREMENTS SCHEDULE THIS SHEET.
- NEW EXHAUST FAN (EF-1). SEE HVAC ELECTRICAL 3. REQUIREMENTS ON THIS SHEET. PROVIDE CONTROL FOR EXHAUST FAN AS REQUIRED. VERIFY EXHAUST FAN CONTROL WITH MECHANICAL TRADE.
- NEW SPLIT SYSTEM CONDENSING UNIT (CU-1). SEE HVAC 4. ELECTRICAL REQUIREMENTS ON THIS SHEET.
- 5. NEW SPLIT SYSTEM INDOOR UNIT (IU-1)/FAN COIL (FC-1). THE INDOOR UNIT DRAWS POWER FROM THE CONDÉNSING UNIT. SEE HVAC ELECTRICAL REQUIREMENTS ON THIS SHEET.
- 6. WEATHERPROOF, GFCI DUPLEX RECEPTACLE WITH "WHILE-IN-USE" COVER FOR HVAC UNIT SERVICING. LOCATE WITHIN 25 FEET OF UNIT.

### NOTES:

1.	ELECTRICAL WORK SHALL BE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS. ALL APPLICABLE CODES, ISSUED DRAWINGS AND SPECIFICATIONS.
2.	IDENTIFICATIONS: PROVIDE PRE-PRINTED MACHINE MADE LABELS AND ATTACH TO EACH WALL PLATE. IDENTIFY PANEL AND CIRCUIT OF CONTROLLED FIXTURES. IDENTIFY CONTAINED CIRCUITS IN EACH JUNCTION AND PULL BOX CLEARLY ON COVER.
3.	CONDUIT AND RACEWAY SHOWN ARE DIAGRAMMATIC IN NATURE. EXACT ROUTING AND REQUIREMENTS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
4.	FLOOR, WALL AND ROOF PENETRATIONS MUST BE SEALED WITH A STOPPING SYSTEM, APPROPRIATE TO THE PENETRATED FLOOR OR WALL TYPE, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
5.	ALL PENETRATIONS OF FIRE RATED WALL OR CEILINGS SHALL BE EXECUTED PER ALL APPLICABLE CODES AND JURISDICTIONS.
6.	ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION AND COMPLETE ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT WITH OWNER, SUPPLIER, MANUFACTURER AND/OR OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.
7.	ALL WEATHERPROOF (WP) RECEPTACLE SHALL BE PROVIDED WITH U.L. LISTED CORROSION PROTECTION, UV RESISTANT AND COLD IMPACT RESISTANT WHILE-IN-USE COVER.
8.	ROUTE CONDUIT FEEDS FOR ROOF MOUNTED EQUIPMENT POWER AND CONTROL CIRCUITS VERTICALLY THROUGH ROOF BELOW CIRCUIT TERMINATION POINT. PROVIDE PITCH PANS COMPATIBLE WITH ROOFING MATERIAL AND APPROVED BY ROOFING MANUFACTURER. DO NOT ROUTE CONDUITS HORIZONTALLY ABOVE ROOF OR ALONG PARAPETS.
9.	ALL GFCI OUTLET SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. IF NOT FEASIBLE, PROVIDE A GFCI (TEST-RESET) BLANK FACE LOCATED AT READILY ACCESSIBLE LOCATION OR A GFCI PROTECTED CIRCUIT

10. MOTOR PROTECTION: PROVIDE AND WIRE POWER MONITORING AND PROTECTION UNITS FOR EACH 3-PHASE MOTOR IN OR BUILDING. INCLUDE OVERVOLTAGE, UNDERVOLTAGE, VOLTAGE IMBALANCE, SINGLE-PHASING AND PHASE REVERSAL PROTECTION. WIRE TO MONITOR EACH PHASE AND INTERFACE WITH EQUIPMENT CONTROL CIRCUIT TO DISCONNECT POWER ON DETECTION OF A POWER ABNORMALITY AND AUTOMATICALLY RECONNECT UPON RESTORATION OF NORMAL CONDITIONS. LOCATE INSIDE STARTER OR CONTROL SECTION OF EQUIPMENT, OR IF NOT FEASIBLE, IN SEPARATE ENCLOSURE NIPPLED TO CONTROLLER. SYMCOM MODEL 201-A WITH OTO8 SOCKET BASE OR ACCEPTABLE SUBSTITUTION.

STUB-UP CONDUITS FOR ROOF MOUNTED EQUIPMENT THROUGH EQUIPMENT ROOF CURBS OR IF NOT POSSIBLE THROUGH ROOF PENETRATIONS ACCEPTABLE TO ROOFING MANUFACTURER IMMEDIATELY BELOW ELECTRICAL TERMINATION POINTS ON EQUIPMENT. DO NOT ROUTE CONDUITS ACROSS ROOF OR ON PARAPETS

ROOF MOUNTED EQUIPMENT CONDUITS NOTE:

**OUTLET LABELING NOTE:** 

BREAKER AT PANEL.

LABEL EACH RECEPTACLE, OUTLET BOX, SWITCH WITH APPLICABLE PANELBOARD DESIGNATION AND CIRCUIT NUMBER. USE ENGRAVE MICARTA, OR LAMICOID LABELS, AND KROY OR DYMOTYPE ADHESIVE LABELS FOR THIS PURPOSE. THIS REQUIREMENTS INCLUDES ALL BOXES ABOVE LAY-IN CEILING AND ABOVE ROOF. WHERE MULITIPLE CIRCUITS ARE CONTAINED IN A BOX, INCLUDE ALL CIRCUIT REFERENCE ON COVER LABEL.



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ISSUED	REV	DATE
DART Submittal		15 May 2015
Site Development Plan 1	_	23 June 2015
30% Schematic Design		30 Oct. 2015
Pre-App & Architectural Board of Review Submittal		23 Apr. 2016
Architectural Board of Review Submittal	_	25 Jan. 2017
Architectural Board of Review		10 OCT 2022
Building Permit Review	_	28 AUG 2023



DRAWING

HVAC **POWER PLAN** 

SCALE

3/16" = 1'-0"

40903

DRAWING NUMBER

PROJECT NUMBER