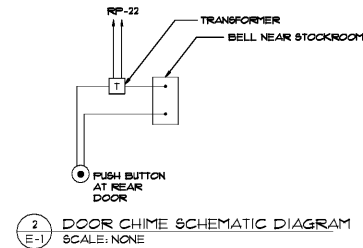


OFFICE ELEVATION - ELECTRICAL & DATA
 SCALE: 1/8" = 1'-0"



SPECIAL NOTE:
 CONTRACTOR SHALL REFER TO THE TEMPERATURE SENSOR MOUNTING DETAIL ON SHEET EM-3 FOR PLACEMENT AND INSTALLATION INSTRUCTIONS PRIOR TO INSTALLING.

ELECTRICAL LEGEND

- EM-1 ENERGY MANAGEMENT SYSTEM
- ⊙ CEILING RECEPTACLE, 120V, 20A
- ⊙ DUPLEX RECEPTACLE, 120V, 20A
- ⊙ DUPLEX RECEPTACLE, 20A, 25 VOLT, WITH ISOLATED GROUND, HUBBLE #6-5262
- ⊙ DUPLEX RECEPTACLE, 120V, 20A, GROUND FAULT INTERRUPT CIRCUIT
- ⊙ DUPLEX RECEPTACLE, 120V, 20A, GROUND FAULT INTERRUPT CIRCUIT WITH LEATHERPROOF COVER
- ⊙ DUPLEX RECEPTACLE, 120V, 20A, ABOVE WINDOW IN WALL OR IN CEILING, BUT WITHIN 18" OF TOP OF WINDOW
- ⊙ JUNCTION BOX
- ⊙ PUSHBUTTON MOUNT 4" AFF UNLESS OTHERWISE NOTED
- ⊙ SIGNAL TRANSFORMER MOUNT 5'-0" AFF IN STOCKROOM
- ⊙ TELEPHONE OUTLET: PROVIDE AND INSTALL ALL NECESSARY CONDUIT, CABLE, DEVICE BOXES AND PLATES. RUN TO BACKBOARD CONNECTION BY TENANT'S CONTRACTOR. COORDINATE LOCATION WITH TENANT.
- ⊙ QUADRAPLEX RECEPTACLE
- ⊙ HOME RUN ARROWHEAD - NUMBER OF ARROWHEADS INDICATES NUMBER OF CIRCUITS
- ⊙ TIGHT-LOCK FLUSH RECEPTACLE: 20A, 25 VOLT, MOUNT 4" AFF
- ⊙ BELL, 4" DIAMETER SINGLE MAGNET VIBRATING TYPE 24 VAC, 30 VA EDWARDS # 95-608, MOUNT ABOVE CEILING

POWER PLAN NOTES:

- 1 CONTRACTOR SHALL REFER TO EMS SHEETS FOR INSTRUCTION AND RESPONSIBILITIES FOR INSTALLING TENANT SUPPLIED ENERGY MANAGEMENT SYSTEM PRIOR TO BIDDING AND INSTALLATION.
- 2 FOR EMPLOYEE DESK AREA, PROVIDE AND INSTALL 30" LONG PLUG-HOLD WITH (1) 120V, 20A CIRCUIT AND A MINIMUM OF FIVE RECEPTACLES. CENTER THE PLUG-HOLD, MOUNT AT 3'-2" AFF, AND CONNECT TO CIRCUIT RP-25. PROVIDE AND INSTALL (1) SINGLE-GANG DATA BOX MOUNTED IN HORIZONTAL CONFIGURATION WITH 3/4" STUB-UP. MOUNT DATA DEVICE AT 3'-5" AFF.
- 3 WATER HEATER - UNIT IS 120V, 2000W, WITH 1/2" C, (2) #6 & (1) #8 GROUND TO PANEL, "RP" CIRCUIT 30. PROVIDE LOCKABLE CIRCUIT BREAKER. COORDINATE ACTUAL LOCATION WITH PLUMBING.
- 4 THE QUAD RECEPTACLE SHOULD BE ACTUALLY MADE UP OF TWO DUPLEX RECEPTACLES WITH TWO CIRCUIT BREAKERS. MOUNT RECEPTACLE AT 18" AFF. LOCATE OUTLET NEAR TO LOCKERS. COORDINATE LOCATION WITH FUTURE PLAN.
- 5 THE ELECTRIC HAND DRIVERS IN EACH CLOSET ARE PROVIDED BY TENANT AS PART OF RESTROOM VAN-A-BOX PACKAGE AND ARE TO BE ROUGH-IN WITH A HANGER KIT AND CONNECTED BY THE ELECTRICAL CONTRACTOR TO CIRCUITS RP-18 & RP-10.
- 6 POWER DEVICES ARE PROVIDED BY TENANT FOR INSTALLATION BY ELECTRICAL CONTRACTOR AND SHALL INCLUDE EITHER ARRANGEMENT "A" OR "B" NOTED ON THE PLANS.
 A. ONE ISOLATED DEDICATED CIRCUIT, ONE STANDARD RECEPTACLE CIRCUIT, ONE TELEPHONE CIRCUIT
 B. ONE ISOLATED DEDICATED CIRCUIT & ONE STANDARD RECEPTACLE CIRCUIT

INSTALL AND/OR CONNECT UP/PGFC RECEPTACLE AT ROOFTOP UNIT AS REQUIRED. CONNECT TO CIRCUIT RP-18. ROOFTOP UNIT MAY BE SUPPLIED WITH UN-WIRED RECEPTACLE BUILT-IN.
 ALL EXISTING ELECTRICAL EQUIPMENT/DEVICES, AND ASSOCIATED CONDUIT AND WIRING NOT SHOWN ON THIS PLAN OR IN ELECTRICAL RISER ON SHEET E-3 SHALL BE REMOVED COMPLETE.

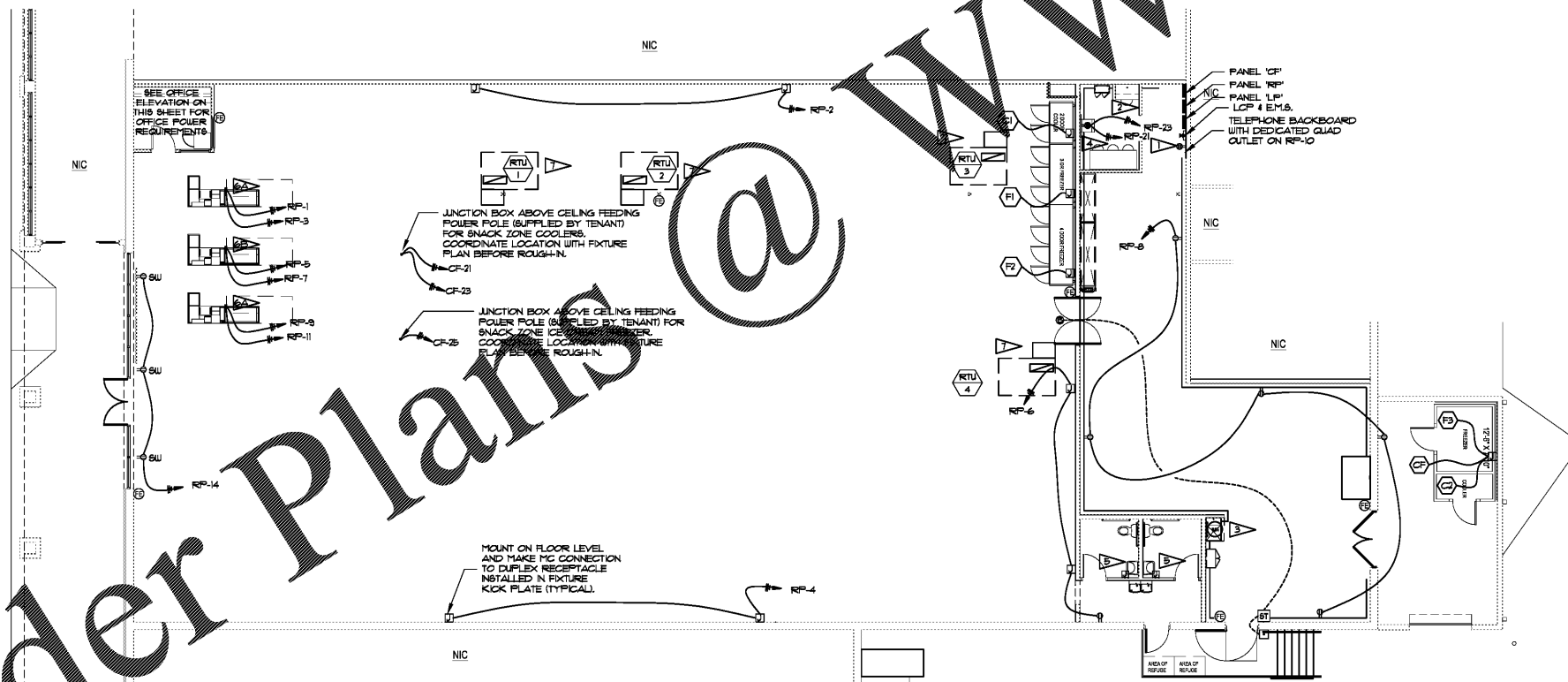
POWER/WIRING INFORMATION FOR COOLER/FREEZER EQUIPMENT

DEVICE*	DISCONNECT SIZE	CONDUIT/WIRE SIZE	FEEDER PANEL	FEEDER BREAKER(S)
(C1)	JUNCTION BOX @ 100" AFF W/10' WHIP	1/2" (3/16 & 1/16 GND.**)	CF	13
(C2)	8"x8"x6" JB @ 120" AFF W/20' COILED WIRE	1/2" (2/16 & 1/16 GND.)	CF	9
(F1)	JUNCTION BOX @ 100" AFF W/10' WHIP	1/2" (3/16 & 1/16 GND.**)	CF	13
(F2)	JUNCTION BOX @ 100" AFF W/10' WHIP	3/4" (3/16 & 1/16 GND.**)	CF	11,13
(F3)	8"x8"x6" JB @ 120" AFF W/20' COILED WIRE	1/2" (2/16 & 1/16 GND.)	CF	9,11
(C2)	8"x8"x6" JB @ 120" AFF W/20' COILED WIRE	1/2" (2/16 & 1/16 GND.)	CF	19

* FOR WALK-IN COOLER/FREEZER LIGHTS
 NOTE: ALL DIMENSIONS ARE TO THE TOP OF THE ASSOCIATED DEVICE. FINAL TERMINATIONS TO COOLER & FREEZER EQUIPMENT IS BY THE EQUIPMENT INSTALLER.
 ** INCLUDES: (2) HOT, (1) NEUTRAL, & (1) GROUND

POWER/WIRING INFORMATION FOR HVAC EQUIPMENT

HVAC*	DISCONNECT SIZE	CONDUIT/WIRE SIZE	FEEDER PANEL	FEEDER BREAKER(S)
RTU-1	PROVIDED WITH UNIT	1-1/4" (3/16 & 1/16 GND.)	LP	18,123
RTU-2	PROVIDED WITH UNIT	1-1/4" (3/16 & 1/16 GND.)	LP	25,2125
RTU-3	PROVIDED WITH UNIT	1-1/4" (3/16 & 1/16 GND.)	LP	31,33,35
RTU-4	PROVIDED WITH UNIT	1-1/4" (3/16 & 1/16 GND.)	LP	26,28,30



POWER PLAN
 SCALE: 1/8" = 1'-0"
 NORTH

Order Plans @

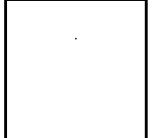
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description	by	date	mark	revisions

date	project	designed	drawn	checked	ADG
12/10/18	11/27/18	DWB	DWB	DWB	ADG



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DOLLAR TREE
 FORMER HARVEY'S
 FORT VALLEY, GEORGIA
 POWER PLAN

project	drawing

sheet
E-1