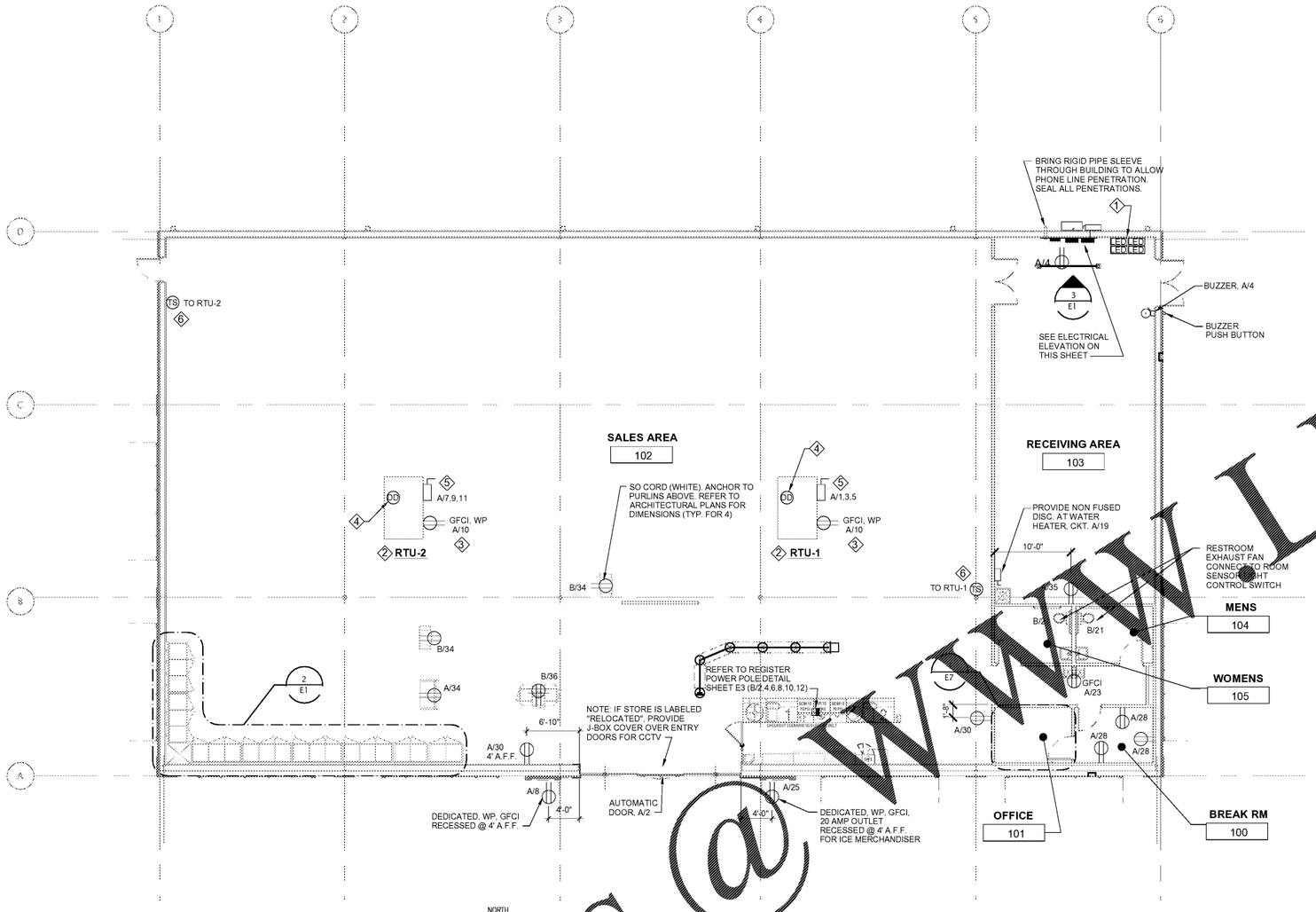
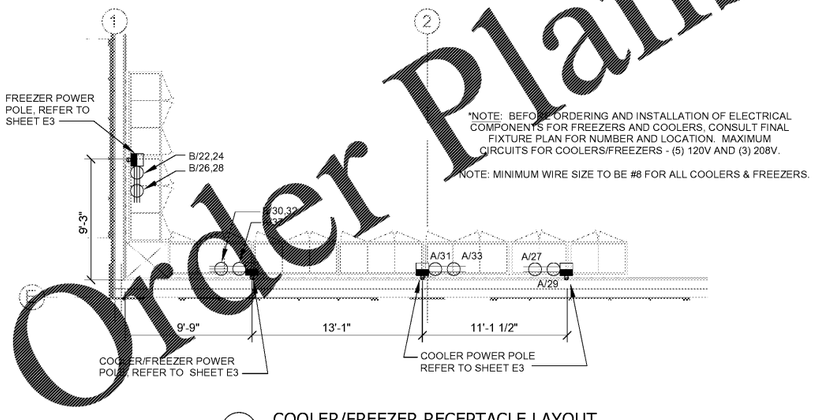


1 POWER PLAN

Scale: 1/8" = 1'-0"



*NOTE: BEFORE ORDERING AND INSTALLATION OF ELECTRICAL COMPONENTS FOR FREEZERS AND COOLERS, CONSULT FINAL FIXTURE PLAN FOR NUMBER AND LOCATION. MAXIMUM CIRCUITS FOR COOLERS/FREEZERS - (5) 120V AND (3) 208V.

NOTE: MINIMUM WIRE SIZE TO BE #8 FOR ALL COOLERS & FREEZERS.

2 COOLER/FREEZER RECEPTACLE LAYOUT

Scale: NTS

NOTE: CONTRACTOR SHALL PROVIDE ALL BOXES, CONDUIT AND ROUGH-IN FOR LOW VOLTAGE SYSTEMS. COORDINATE SCOPE OF WORK WITH THE GENERAL CONTRACTOR.

LEGEND

	BUZZER - TORK MDL #TA725 W/ TRANSFORMER MDL#TA592
	PUSHBUTTON
A/23	125V NEMA 5-20R DUPLEX. PANEL/CIRCUIT IN PANEL
	125/250V NEMA L14-20-R 4 PRONG TWIST LOCK
	125V NEMA 5-20R QUAD
	DISCONNECT
	BLACK MAGIC POWER POLE
	PHONE JACK @ REGISTER
	1VOICE/DATA PORT = RJ-11, RJ-45 DATA JACK, PHONE COMBO @OFFICE.
$m	PROVIDE OCCUPANCY LIGHT SENSOR, LEVITON #ODS10-IDL,
NL	NIGHT LIGHT

ELECTRICAL SPECIFICATIONS

A. ALL WIRING SHALL BE CONTAINED IN CONDUIT OF PROPER SIZE.

B. ALL WIRING SHALL CONFORM TO LOCAL, STATE, AND FEDERAL CODES.

C. SERVICE IS TO BE MINIMUM 400 AMP, 3 PHASE (PREFERRED) 600 AMP 1 PHASE OR LARGER IF REQUIRED BY CODE OR ELECTRICAL LOAD.

D. REQUIRED CUSTOM BUILT POWER POLE ASSEMBLIES AVAILABLE FROM D&P CUSTOM LIGHTS & PRODUCTS INC. PHONE: (800) 251-2200 OR (615) 350-7800, 7111 COCKRILL BEND INDUSTRIAL ROAD, NASHVILLE, TN 37209. SEE SHEETS E3 AND E4.

E. EXTERIOR EXPOSED PHONE LINES TO BE INSTALLED IN RIDGED CONDUIT. PROVIDE EMERSON 3/4" X 5-FT. METALLIC CABLE U-GUARD #755, OR EQUAL.

F. ELECTRICAL PANEL TO BE LABELED CORRECTLY AND WITH LEGIBLE PRINT.

G. PHONE LINES - TWO RJ-11 PORTS. ONE (1) LOCATED IN OFFICE W/RJ-45 DATA JACK COMBO AND ONE (1) AT REGISTER. 24 GA. CAT 5E FOUR PAIR TWISTED WIRE ONLY. USE BLUE AND BLUE & WHITE WIRE TO HOOK TO LINE TERMINATION IN RJ-11 JACK EACH PHONE JACK TO HAVE DEDICATED, SEPARATE HOME RUN TO PANEL. LABEL AS "PHONE" AT THE DESTINATION AND AT DMARC. PHONE COMPANY PROVIDES FINAL HOOK UP TO DMARC ONLY. PHONE JACKS ARE SUPPLIED AND WIRED BY CONTRACTOR.

H. PROVIDE 1 1/2" MIT CONDUIT TO ACT AS ACCESS SLEEVE TO ALLOW PHONE COMPANY TO TERMINATE AT DMARC. CONTRACTOR TO PROVIDE & INSTALL PHONE WIRING & RJ-11 PHONE JACK FOR A COMPLETED WORKING SYSTEM PRIOR TO PHONE COMPANY FINAL HOOK-UP.

I. ALL 120 VOLT OUTDOOR RECEPTACLES TO HAVE "WET LOCATION - IN USE" COVERS.

J. ALL CONDUCTORS TO BE COPPER, #12 AWG MINIMUM SIZE, OR SIZE AS REQUIRED BY LOCAL AND OTHER CURRENT PROTECTION.

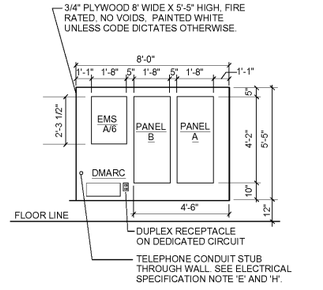
K. SEE EMS SHEETS EMS1, EMS2, EMS3, EMS4 FOR ENERGY MANAGEMENT SYMBOLS AND INFORMATION.

L. ELECTRICIAN TO PROVIDE 1½" CONDUIT WITH PULL STRING FOR SATELLITE LINE. REFER TO 3/A3 AND 1/S1 FOR LOCATION.

M. ALL POWER AND DATA TO BE ROUTED OVERHEAD. UNDER SLAB IS NOT ALLOWED.

ELECTRICAL KEYED NOTES

1. TEST/RESET STATION FOR STAND ALONE DUCT DETECTOR. ONE FOR EACH DEVICE. SEE KEY NOTE 2 ON THIS SHEET. SIMPLEX #4098-9842 IS SPECIFIED WITH PIEZO AND LED INDICATOR.
2. LOCATION SHOWN FOR MECHANICAL UNITS ARE ONLY APPROXIMATE. CONTRACTOR SHALL CONSULT MECHANICAL AND STRUCTURAL DRAWINGS TO DETERMINE ACTUAL UNIT LOCATIONS. PROVIDE 1/2" PENETRATION THRU ROOF WITHIN FOOTPRINT OF UNIT FOR USE WITH CONTROL WIRING TO UNIT BY OTHERS. PROVIDE PROPER WATERSEAL (TYPICAL).
3. FACTORY MOUNTED POWERED CONVENIENCE OUTLET. FIELD VERIFY THAT OUTLET IS POWERED. PROVIDE WP, GFCI RECEPTACLE AT ALL UNITS AND WIRE TO BREAKER IN PANEL "A" IF THEY ARE NOT FACTORY PROVIDED.
4. PHOTOELECTRIC DUCT DETECTOR WITH HOUSING. TIE TO LED READOUT RECESSED IN DUCT STAND ALONE DEVICE, 120V. SIMPLEX #4098-9687 IS SPECIFIED WITH 4098-9842 CONTROL STATION. PROVIDE ONE DEVICE PER UNIT. MOUNT DEVICE SUPPLY AIR DUCTWORK. DEVICE SHALL BE PROVIDED AND WIRED TO THE CONTROL STATION BY THE ELECTRICAL CONTRACTOR. HIRE THE MECHANICAL CONTRACTOR FOR INSTALLATION IN DUCTWORK AND CONNECTION TO SHUTDOWN CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDED ALL REQUIRED RELAYS AND 120V POWER. DO NOT POWER DUCT DETECTORS FROM HVAC LOW VOLTAGE. SUBMIT SHOP DRAWING FOR APPROVAL. PLACE ANY REQUIRED LABELING ON CEILING TILE DIRECTLY BELOW UNIT.
5. MOUNT DISCONNECT SWITCH AT UNIT. ALL DISCONNECTS SHALL BE HEAVY DUTY. FUSES TO BE TYPE RK-5 TYPE. BUSSMAN FRN-R-(AMP) FUSES ARE SPECIFIED.
6. MECHANICAL THERMOSTAT AT 8'-0" AFF.



3 ELECTRICAL PANEL ELEVATION

No Scale

Order Plans @ WWW.DLTree.com

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NORR

CONSULTANT:

SEAL: HENRY D MONTAGUE, PE 78172

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL THE SEAL AND SIGNATURE OF THE RESPONSIBLE REGISTRANT APPEARS ON THE DRAWING, AND PROPER PERMIT FORMS AND RELATED FEES ARE TRANSMITTED BY THE OWNER, OWNER'S AGENT OR CONTRACTOR TO THE AUTHORITY HAVING JURISDICTION.

DATE	ISSUED FOR	REV
01/17/2018	PEMB COORDINATION	
01/17/2018	PERMIT SUBMITTAL	

Project Manager B.COLBURN	**Drawn** G. COLLINS
Project Leader B.COLBURN	**Checked** M. GOOD
Date 11/20/2017	**Dept Mgr Approval** M. GOOD

Client

Palmetto - Spring Hill Forest Rd., LLC.

P.O. BOX 1615
THOMASVILLE, GA 31792
Office: (229) 226-1177

Contact: Jeff Lazenby

Project

DOLLAR GENERAL

US 19 & Pine Forest Dr.
Spring Hill (Hernando County), FL

Drawing Title

POWER PLAN

DO NOT SCALE DRAWING

Project No.	Drawing No.
JCDT17.0325.00	E1