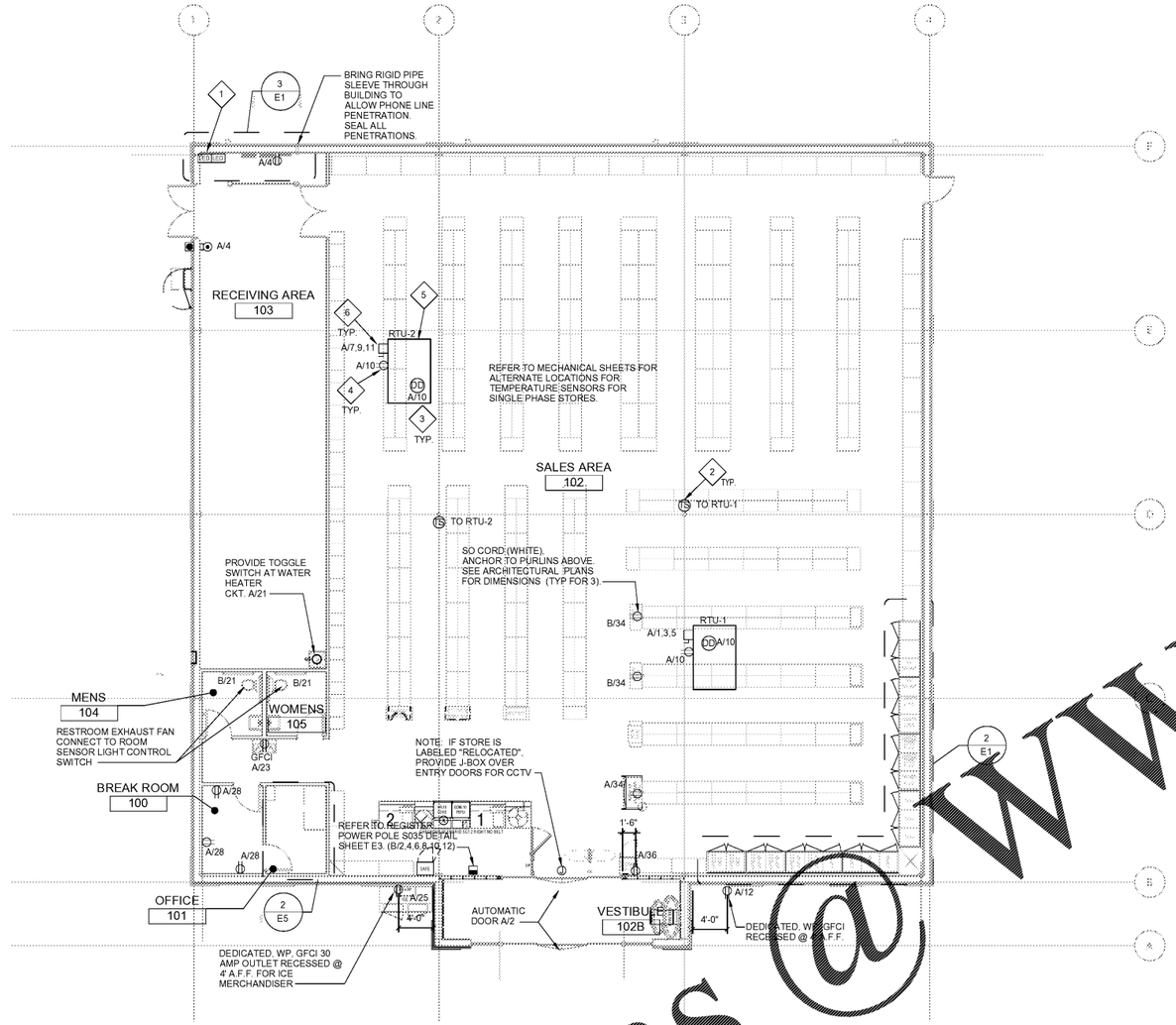


1 POWER PLAN

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

LEGEND

- BUZZER - TORK MDL #TA725 W/ TRANSFORMER MDL#TA592
- PUSH BUTTON
- 125V NEMA 5-20R DUPLEX. PANEL/CIRCUIT IN PANEL A/23
- 125/250V NEMA L14-20-R 4 PRONG TWIST LOCK
- 125V NEMA 5-20R QUAD.
- DISCONNECT
- BLACK MAGIC POWER POLE
- PHONE JACK @ REGISTER
- VOICE/DATA PORT = RJ-11, RJ-45 DATA JACK, PHONE COMBO @ OFFICE.
- A/23 PANEL/CIRCUIT IN PANEL
- $m PROVIDE OCCUPANCY LIGHT SENSOR- LEVITON OMS10-IDW
- $ 20 AMP TOGGLE SWITCH
- NIGHT LIGHT CIRCUIT

ELECTRICAL SPECIFICATIONS

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

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

C. SERVICE IS TO BE A 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 E3.1.

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

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

G. LOW VOLTAGE VENDOR TO PROVIDE AND INSTALL ONE (1) 24 GA., 4 TWISTED-PAIR, CATEGORY 5E (CAT5) DATA CABLE WITH MODULAR COMBO RJ-11/RJ-45 JACK AT MANAGER'S OFFICE. CABLE TO BE RUN FROM POS TO DATA HUB LOCATION WITH 6'-0" LEFT COILED FOR INSTALLATION TO DATA HUB. A RJ-45 MALE FITTING SHOULD BE CRIMPED ON THIS END. LOCAL GENERAL STORE OPENING TEAM WILL MAKE FINAL CONNECTION INTO DATA HUB.

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

I. ALL GFCI/WP OUTDOOR RECEPTACLES TO HAVE "WET LOCATION - IN USE" COVERS.

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

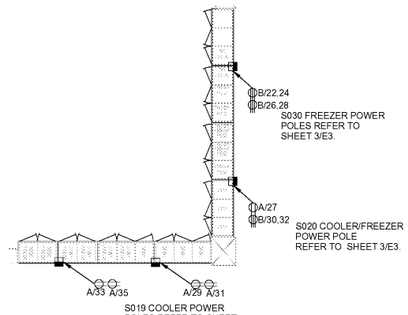
K. SEE EMS SHEETS EMS1 AND EMS2 FOR ENERGY MANAGEMENT SYMBOLS AND INFORMATION.

L. ELECTRICIAN TO PROVIDE 1 1/2" CONDUIT WITH PULL STRINGS FOR SATELLITE LOCATION.

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

ELECTRICAL KEYED NOTES

1. TEST/RESET STATION FOR STAND ALONE DUCT DETECTOR. ONE FOR EACH DEVICE, SEE KEY NOTE 5 ON THIS SHEET. SIMPLEX #4098-9842 IS SPECIFIED. WITH PIEZO AND LED INDICATOR
2. MECHANICAL THERMOSTAT AT 8'-0" A.F.F.
3. LOCATIONS SHOWN FOR MECHANICAL UNITS ARE ONLY APPROXIMATE. CONTRACTOR MUST CONSULT MECHANICAL OR STRUCTURAL DRAWINGS TO DETERMINE ACTUAL UNIT LOCATIONS. PROVIDE 1/2"C. PENETRATION THRU ROOF WITHIN FOOTPRINT OF UNIT FOR USE WITH CONTROL WIRING TO UNIT BY OTHERS. PROVIDE PROPER WATERSEAL. (TYPICAL)
4. FACTORY MOUNTED CONVENIENCE OUTLET. PROVIDED CIRCUIT AS SHOWN. WIRE ALL WITH THIS NOTE TO A SPARE BREAKER IN PANEL "A" IF THEY ARE NOT POWERED.
5. 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 IN 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 & CONNECTION TO SHUTDOWN CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED RELAYS AND 120V POWER. DO NOT POWER DUCT DETECTORS FROM HVAC UNIT LOW VOLTAGE. SUBMIT SHOP DRAWINGS FOR APPROVAL. PLACE ANY REQUIRED LABELING ON CEILING TILE DIRECTLY BELOW UNIT. RUN CONDUIT & WIRE UNDERGROUND FROM UNIT TO INSIDE OF SPACE.
6. MOUNT DISCONNECT SWITCH AT UNIT. ALL DISCONNECTS TO BE HEAVY DUTY. FUSES TO BE RK-5 TYPE, BUSSMANN FRN-R-(AMP) IS SPECIFIED. SEE EQUIPMENT SCHEDULE ON E5.1.



GENERAL NOTES:

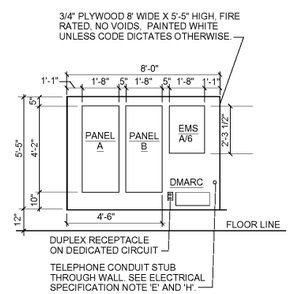
A. COORDINATION: BEFORE ORDERING AND INSTALLATION OF ELECTRICAL COMPONENTS FOR FREEZERS AND COOLERS, CONSULT FINAL FIXTURE PLAN FOR NUMBER AND LOCATION.

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

C. SEE ARCHITECHURAL DRAWINGS FOR POWER POLE DIMENSIONS.

2 COOLER/FREEZER LAYOUT

Scale: NTS



3 ELECTRICAL PANEL ELEVATION

No Scale

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NORR

CONSULTANT:

SEAL: HENRY D MONTAGUE, PE 78172

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DATE	ISSUED FOR	REV
10/12/2017	PLANNING SUBMITTAL	
10/27/2017	PEMB COORDINATION	
12/15/2017	PLANNING RE-SUBMITTAL	
12/15/2017	PERMIT	

Project Manager B.COLBURN	**Drawn** N. NGUYEN
Project Leader B.COLBURN	**Checked** M. GOOD
Date 10/01/2017	**Dept Mgr Approval** M. GOOD

Client
Palmetto NFM - Hancock Bridge PKWY, LLC.

P.O. BOX 1615
THOMASVILLE, GA 31792
Office: (863) 808-1320

Contact: Jeff Lazenby

Project
DOLLAR GENERAL

4055 Hancock Bridge Parkway
North Fort Myers (Lee County), FL
Section 9, Township 44S., Range 24E.

Drawing Title

POWER PLAN

DO NOT SCALE DRAWING

Project No.	Drawing No.
JCDT17.0313.00	E1