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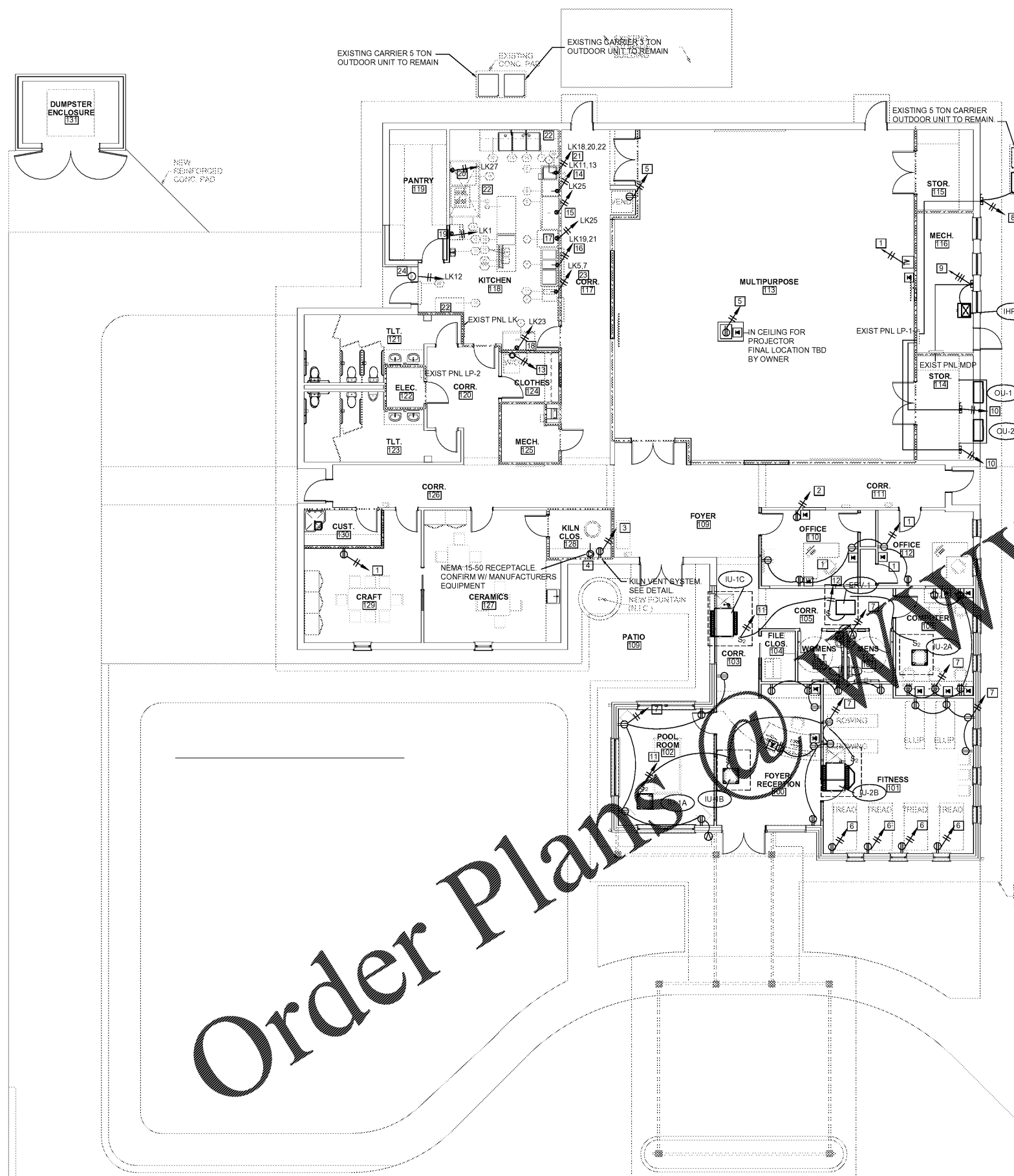
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- MECHANICAL ENGINEER
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- ELECTRICAL ENGINEER
DELTA ENGINEERING GROUP, LLC.

MARK	QTY.	DESCRIPTION	MANUFACTURER	MODEL
1	1	THREE COMPARTMENT SINK - 10W/30D	CUSTOM	CUSTOM
18	2	FAUCET	TKS BRASS & BRONZE WORKS	B-424
15	1	DWALL MOUNTED OVERSHELF	CUSTOM	CUSTOM
2	1	EQUIPMENT STAND	ADVANCE	EE-242
3	1	ONE COMPARTMENT SINK	EXISTING	EXISTING
38	1	PRE-RINSE FAUCET	TKS BRASS & BRONZE WORKS	9-4125
4	1	DISHDRYER	EXISTING	EXISTING
9	1	UNDERCOUNTER DISHWASHER	EXISTING	EXISTING
8	1	REACH-IN REFRIGERATOR	EXISTING	EXISTING
7	1	WARMING CABINET	EXISTING	EXISTING
8	1	BREWING COFFEE	EXISTING	EXISTING
9	1	REACH-IN FREEZER	EXISTING	EXISTING
10	1	SECURITY SHRELVING UNIT	MOORE	SEC02048899
11	1	HAND SINK W/ TOWEL & SOAP DISPENSER	BRIDGEMAN	F-HE-52
12	1	ICE MACHINE W/ BIN	EXISTING	EXISTING
13	1	BULKHEAD SINK	EXISTING	EXISTING
14	1	DRABBLE	EXISTING	EXISTING
15	1	CONVECTION OVEN	EXISTING	EXISTING
16	1	MOVABLE WORK TABLE	CUSTOM	CUSTOM
17	1	MOVABLE WORK TABLE W/ TRUCKS	CUSTOM	CUSTOM
18	1	ICE DISPENSER	GEARED	6445
19	1	TEA DISPENSER	TED	185
20	1	COFFEE DISPENSER	TRG	185
21	1	COFFEE MAKER	TRG	185
22	1	BAR CURTAIN WITH DOOR SWITCH	DISPENSE	1007-15

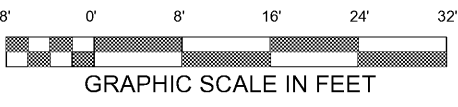
NEW WORK NOTES-POWER:

- INSTALL NEW RECEPTACLES IN NEW OFFICE CONSTRUCTION & NEW TV LOCATION AND CONNECT TO EXISTING CIRCUITS IN THIS AREA. REF EXIST ELECTRICAL DRAWING. UPDATE PANEL SCHEDULES WHEN NEW WORK IS COMPLETE.
- INSTALL NEW DEDICATED RECEPTACLE FOR COFFEE MACHINE. CONNECT TO EXISTING CIRCUIT IN THIS AREA. REF EXIST ELECTRICAL DRAWINGS. UPDATE PANEL SCHEDULES WHEN NEW WORK IS COMPLETE.
- INSTALL DEDICATED RECEPTACLE FOR KILN VENT SYSTEM. INSTALL NEW 20/1 BREAKER (MATCH TO EXISTING) IN PANEL LP2. CONNECT W/ 3 # 12 THWN-2 CU-1/2 C OR MC EQUAL. UPDATE PANEL SCHEDULE.
- INSTALL NEW NEMA 15-50 RECEPTACLE. MATCH PLUG FOR NEW KILN. VERIFY ELECTRICAL REQUIREMENTS WITH MANUFACTURER. INSTALL NEW 40/3 BREAKER (MATCH TO EXISTING) IN PANEL LP2. INSTALL 3# 8 THWN-2 W/ # 10 CU GRD-3/4" C OR MC EQUAL. UPDATE PANEL SCHEDULE.
- INSTALL NEW DEDICATED RECEPTACLES FOR NEW VENDING MACHINE & PROJECTOR. INSTALL NEW 20/1 BREAKER (MATCH TO EXISTING) IN PANEL LP1. CONNECT W/ 3 # 12 THWN-2 CU-1/2 C OR MC EQUAL. UPDATE PANEL SCHEDULE.
- INSTALL DEDICATED RECEPTACLES FOR TREAD MILL MACHINES. EXACT LOCATION TO BE APPROVED BY OWNER. INSTALL NEW 20/1 BREAKER (MATCH TO EXISTING) IN PANEL LP1. CONNECT W/ 3 # 12 THWN-2 CU-1/2 C OR MC EQUAL. UPDATE PANEL SCHEDULE.
- INSTALL NEW RECEPTACLES AS SHOWN IN THESE AREAS. INSTALL NEW 20/1 BREAKER (MATCH TO EXISTING) IN PANEL LP1. CONNECT W/ 3 # 12 THWN-2 CU-1/2 C OR MC EQUAL. UPDATE PANEL SCHEDULE.
- INSTALL NEW 60/2 NEMA 3R DISCONNECT-FUSE @ 60 A. INSTALL NEW 60/2 BREAKER IN PANEL LP1 (MATCH EXIST SALIENT FEATURES). INSTALL 2# 8 THWN-2 CU W/ 10 CU GRD-3/4" C. INSTALL TO BALANCE LOAD ON PANEL.
- INSTALL NEW 60/3 DISCONNECT-FUSE @ 50 A. CONNECT NEW IHP-1 TO EXISTING 50/3 BREAKER (THIS BREAKER WENT TO THE DEMO CU-2) IN PANEL MDP W/ 3 # 6 THWN-2 W/ # 10 CU GRD-1" C.
- INSTALL NEW 60/2 NEMA 3R DISCONNECT-FUSE @ 40 A. INSTALL NEW 40/2 BREAKER IN PANEL LP1 (MATCH EXIST SALIENT FEATURES). INSTALL 2# 8 THWN-2 CU W/ 10 CU GRD-3/4" C. INSTALL TO BALANCE LOAD ON PANEL.
- INSTALL TWO CIRCUITS TO NEW INDOOR HEAT PUMP UNITS AS SHOWN. INSTALL TWO NEW 15/2 BREAKER (MATCH TO EXISTING) IN PANEL LP2. CONNECT W/ 3 # 12 THWN-2 CU-1/2 C OR MC EQUAL. UPDATE PANEL SCHEDULE.
- INSTALL ONE CIRCUIT TO NEW INDOOR ERV UNITS AS SHOWN. INSTALL ONE NEW 15/1 BREAKER (MATCH TO EXISTING) IN PANEL LP2. CONNECT W/ 3 # 12 THWN-2 CU-1/2 C OR MC EQUAL. UPDATE PANEL SCHEDULE.
- INSTALL NEW WASHER/DRYER COMBO RECEPTACLE TO MATCH PLUG FOR W/D. VERIFY ELECTRICAL REQUIREMENTS WITH MANUFACTURER. INSTALL NEW 30/2 BREAKER (MATCH TO EXISTING) IN PANEL LP2. INSTALL 3# 10 THWN-2 W/ # 10 CU GRD-3/4" C OR MC EQUAL. INSTALL BREAKER TO BEST BALANCE PANEL. UPDATE PANEL SCHEDULE.
- INSTALL NEW D/W RECEPTACLE TO MATCH EXIST. INSTALL NEW 30/2 GFI BREAKER IN PANEL LK. 11,13 TO MATCH EXIST SALIENT FEATURES. INSTALL 2# 10 THWN-2 CU W/ # 10 CU GRD OR EQUAL MC.
- INSTALL NEW REFRIG GFI RECEPTACLE. MATCH HT OF EXIST. INSTALL NEW 3# 12 THWN-2 CU OR EQUAL MC TO LK. 25. VERIFY CIRCUIT.
- INSTALL NEW HOT/COLD RECEPTACLE TO MATCH EXIST. INSTALL NEW 30/2 GFI BREAKER IN PANEL LK. 19,21 TO MATCH EXIST SALIENT FEATURES. INSTALL 2# 10 THWN-2 CU W/ # 10 CU GRD OR EQUAL MC.
- INSTALL NEW WARMING CABINET GFI RECEPTACLE. MATCH HT OF EXIST. INSTALL NEW 20/1 BREAKER IN PANEL LK. SPARE CIRCUIT TO MATCH EXIST SALIENT FEATURES. INSTALL NEW 3# 12 THWN-2 CU OR EQUAL MC TO LK. 25. VERIFY CIRCUIT NUMBER AND UP DATE PANEL.
- INSTALL NEW FREEZER GFI RECEPTACLE. MATCH HT OF EXIST. INSTALL NEW 3# 12 THWN-2 CU OR EQUAL MC TO LK. 23. VERIFY CIRCUIT.
- INSTALL NEW ICE MAKER GFI RECEPTACLE. MATCH HT OF EXIST. INSTALL NEW 3# 12 THWN-2 CU OR EQUAL MC TO LK. 1. VERIFY CIRCUIT.
- INSTALL NEW CONVECTION OVEN GFI RECEPTACLE. MATCH HT OF EXIST. INSTALL NEW 20/1 SHUNT TRIP BREAKER IN PANEL LK 27 & 29 SPACE. INSTALL NEW 3# 12 THWN-2 CU OR EQUAL MC. VERIFY CIRCUIT & UPDATE PANEL.
- INSTALL NEW DISPOSAL RECEPTACLE TO MATCH EXIST. INSTALL NEW GFI BREAKER IN PANEL LK. 18,20,22 TO MATCH EXIST SALIENT FEATURES. INSTALL NEW WIRE AND CONDUIT TO MATCH EXIST. VERIFY CIRCUIT.
- ALL OTHER EXISTING KITCHEN EQUIPMENT TO REMAIN CONNECT TO PANEL LK. INSTALL NEW GFI RECEPTACLES ON ANY EXISTING RECEPTACLES LEFT IN PLACE AFTER NEW CONSTRUCTION.
- INSTALL NEW COFFEE RECEPTACLE TO MATCH EXIST. INSTALL NEW 20/2 GFI BREAKER IN PANEL LK. 5,7 TO MATCH EXIST SALIENT FEATURES. INSTALL 2# 12 THWN-2 CU W/ # 12 CU GRD OR EQUAL MC. VERIFY CIRCUIT AND UPDATE PANEL SCHEDULE.
- INSTALL NEW FLY FAN POWER. MATCH HT OF EXIST. INSTALL NEW 3# 12 THWN-2 CU OR EQUAL MC TO LK-12. VERIFY CIRCUIT.

Order Plans @ www.ArchLine.com



1 ELECTRICAL POWER PLAN
E3.1 SCALE: 1/8" = 1' - 0"



2020-042

DELTA ENGINEERING
204-A Piracina Way - Augusta, GA 30909
706-364-1770 - deltaeng.net

ELECTRICAL POWER PLAN

PROJECT NUMBER 201903

REVISIONS

DRAWN BY: SCH
CHECKED BY: KDS
ISSUE DATE: 4/17/2020
PLOT DATE: 4/17/2020

ADDITION AND RENOVATIONS TO THE
BURKE COUNTY SENIOR CENTER
717 WEST 6TH STREET
WAYNESBORO, GEORGIA

E3.1