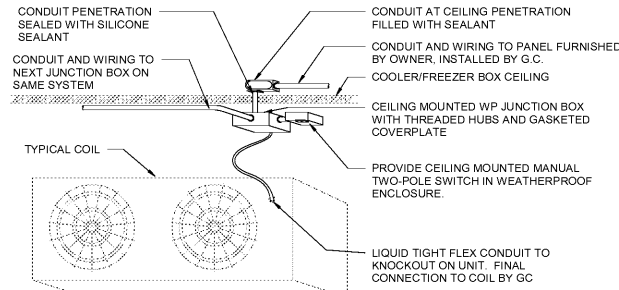


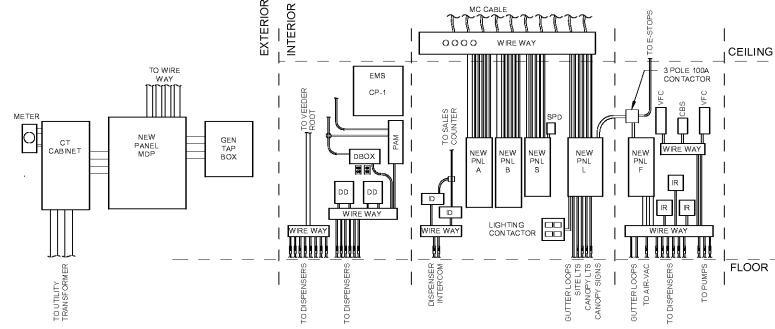
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BIM 360://38227 7-11 Kissimmee, FL @ Carroll St. & Dyer Blvd (17111)/38227 KISSIMMEE_FL_Central MEP_R16.rvt

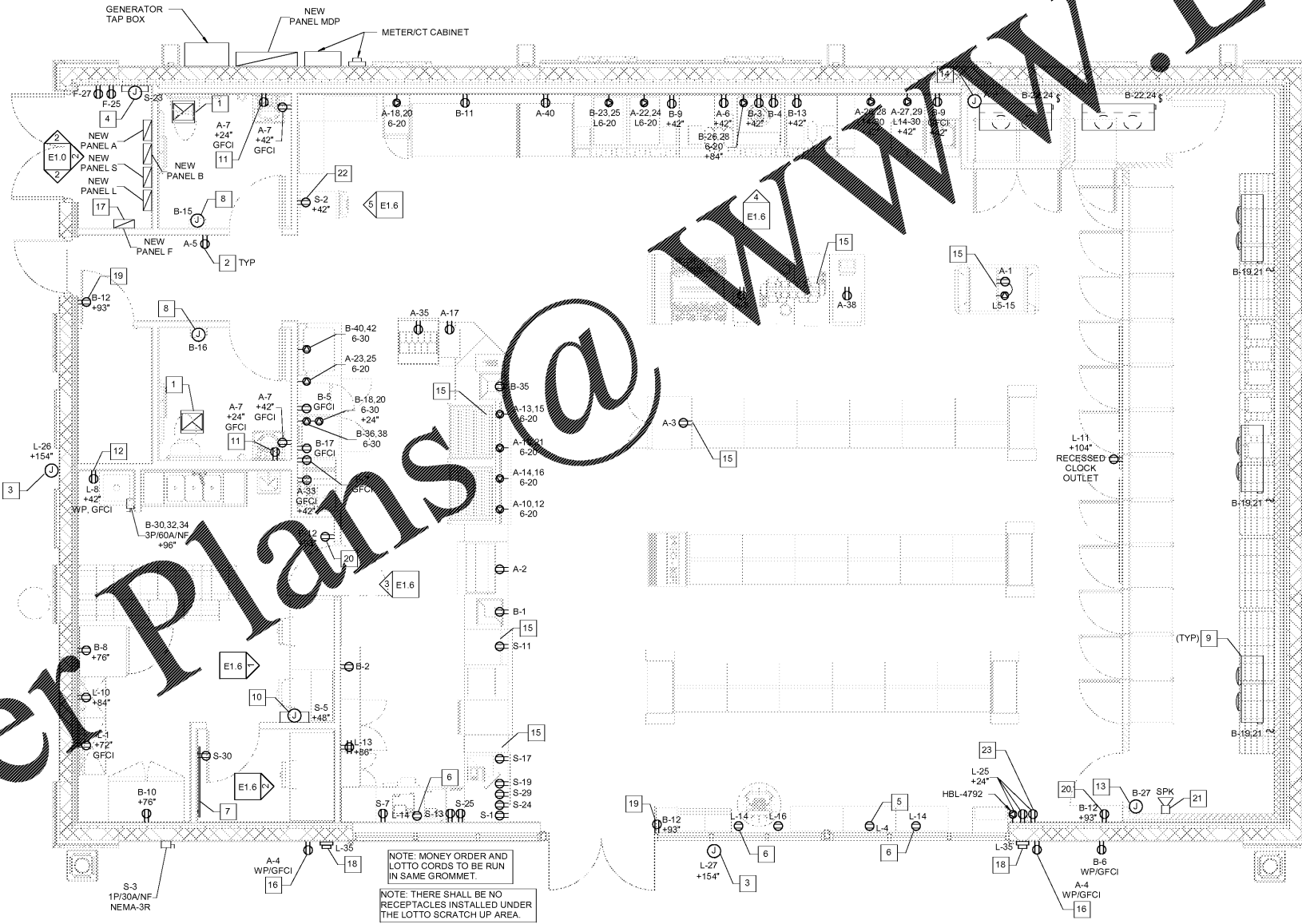


NOTE: DO NOT LOCATE WP JUNCTION BOX DIRECTLY IN FRONT OF DISCHARGE FAN, OFFSET TO SIDE.

3 EVAPORATOR COIL WIRING
E1.0 N.T.S.



2 PANELBOARD ELEVATION
E1.0 N.T.S.



1 POWER PLAN
E1.0 1/4" = 1'-0"

NOTE: MONEY ORDER AND LOTTO CORDS TO BE RUN IN SAME GROMMET.
NOTE: THERE SHALL BE NO RECEPTACLES INSTALLED UNDER THE LOTTO SCRATCH UP AREA.

ELECTRICAL NOTES:

- ALL RECEPTACLES SERVED FROM PANEL "S" SHALL BE OF THE ISOLATED GROUND TYPE. ALL CIRCUITS SHALL CONTAIN A HOT, NEUTRAL, GROUND AND ISOLATED GROUND CONDUCTOR.
- AMPACITY OF ALL CONDUCTOR SIZES SHOWN ON PLANS IS BASED ON 75°C RATED TERMINATIONS AND CONDUCTOR INSULATION. CONTRACTOR SHALL FIELD VERIFY EQUIPMENT TEMPERATURE RATINGS OF ALL TERMINATIONS AND ADJUST CONDUCTOR SIZES PER NEC 110.14(C).
- ALL WIRING IS COPPER. REFER TO ELECTRICAL SPECIFICATIONS FOR FURTHER INFORMATION.
- ALL WALL MOUNTED RECEPTACLES SHALL BE 18" A.F.F. ON CENTER, UNLESS NOTED OTHERWISE.
- FURNISH AND INSTALL CORD AND CAP FOR ALL EQUIPMENT CONNECTED TO NEMA L14 RECEPTACLES.
- G.C. TO COORDINATE POWER REQUIREMENTS FOR EXTERIOR SIGNAGE.
- THE UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE GROUPED TOGETHER OR SIMILAR MEANS IN A LETHAL ONE LOCATION WITHIN THE PANELBOARD OR OTHER POINT OF ORIGIN. REF 2011 NEC (210.4(D)).
- EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES. REF 2011 NEC (210.4).
- CONDUCTORS THAT ARE EXPOSED TO WIDELY DIFFERENT TEMPERATURES, SUCH AS COOLERS, FREEZERS OR SERVICE ENTRANCE CONDUCTORS, SHALL BE SEALED TO PREVENT CIRCULATION OF AIR AND/OR MOISTURE. REF 2011 NEC (300.7 (A)).
- CONDUIT AND WIRING IN AREAS WHERE EXPOSED SHALL BE MOUNTED AT 90 DEGREE ANGLES PERPENDICULAR OR PARALLEL TO JOISTS. COORDINATE PAINTING OF CONDUIT WITH ARCHITECTURAL FINISHES.

KEYNOTES - POWER

- | | |
|----|---|
| 1 | EXHAUST FAN SWITCH FAN WITH RESTROOM LIGHTS, TYP. |
| 2 | DEVICES SHALL BE NEMA 5-20 UNLESS NOTED OTHERWISE. TYP OF 120V-20A CIRCUITS. |
| 3 | EXTERIOR SIGNAGE J-BOX. COORDINATE FINAL LOCATION WITH SIGNAGE CONTRACTOR AND CONSTRUCTION MANAGER. RUN EXTERIOR BUILDING SIGNS THROUGH PHOTOCELL DRIVEN CONTACTOR. PROVIDE PAD-LOCKABLE BREAKER FOR MAINTENANCE. |
| 4 | ENERGY MANAGEMENT ENCLOSURE PROVIDED BY OTHERS. PROVIDE 120V DEDICATED CIRCUIT ONLY. |
| 5 | RECEPTACLE FOR ATM SIGN. VERIFY LOCATION WITH CONSTRUCTION MANAGER PRIOR TO COMMENCEMENT OF WORK. |
| 6 | WINDOW RECEPTACLES. MOUNT FLUSH IN CEILING. MOUNT ABOVE WINDOW HEADER IN OPEN CEILING AREA PER NEC. |
| 7 | TELEPHONE BOARD. 4"x4"x3/4" PLYWOOD WITH (1) 86 CU. GROUND FOR FUTURE USE MOUNTED ABOVE 4"x4"x3/4" PLYWOOD WITH (1) 86 CU. GROUND PER TELE. CO. REQUIREMENTS. MOUNT RECEPTACLE ADJACENT TO OR ABOVE TELEPHONE BOARD. DO NOT MOUNT BELOW. |
| 8 | PROVIDE PAD-LOCKABLE BREAKER FOR MAINTENANCE PER N.E.C. 422.31(B). COORDINATE EXACT LOCATION OF ELECTRICAL OUTLET WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN. |
| 9 | REFER TO EVAPORATOR COIL WIRING DETAIL, RE: 3/E1.0, TYP. |
| 10 | VEEDER ROOT. COORDINATE INSTALLATION WITH FUELING PLANS. INSTALL IN ACCESSIBLE LOCATION. MOUNT AT 48" A.F.F. TO BOTTOM. |
| 11 | RECEPTACLE FOR MOTION SENSOR FAUCET. REFER TO ARCHITECTURAL SHEETS FOR EXACT ROUGH-IN LOCATIONS, TYP. |
| 12 | RECEPTACLE FOR WATER FILTRATION BOOSTER PUMP. E.C. TO INSTALL WATER-RESISTANT "WHILE-IN-USE" COVER. |
| 13 | E.C. TO PROVIDE WIRING FOR COOLER AND/OR FREEZER DOOR HEATERS AND DOOR FRAMES AND CONNECT TO MANUFACTURER SUPPLIED JUNCTION BOXES. |
| 14 | E.C. TO INSTALL WEATHERPROOF J-BOX FOR RAYCHEM HEAT TRACE WHICH SUPPLIES FREEZE PROTECTION FOR FREEZER CONDENSATE LINES. FURNISH HEAT TRACE AND PROVIDE GFCR CIRCUIT BREAKER AND INSTALL PER MANUFACTURER'S REQUIREMENTS. REF. ELECTRICAL SPECIFICATIONS. |
| 15 | ROUTE CIRCUITRY FOR EQUIPMENT UNDER SLAB. RE: 1/E1.2 |
| 16 | SERVICE RECEPTACLE. WEATHERPROOF GFCI. |
| 17 | REFER TO DETAIL #5 ON GAS PLANS SHEET G10 FOR PANEL 'F' CONDUIT ROUTING. |
| 18 | EMERGENCY GAS SHUT-OFF @ 48" A.F.F. |
| 19 | TRANSMITTER RECEPTACLE. G.C. TO PROVIDE MR. CHIME ENTRANCE ALERT TRANSMITTER (DAATAC). CONTACT MR. CHIME AT 877-672-4463. |
| 20 | RECEIVER RECEPTACLE. G.C. TO PROVIDE MR. CHIME RECEIVER (DARD). |
| 21 | INSTALL WEATHERPROOF SPEAKER. G.C. TO PROVIDE MR. CHIME SPEAKER (SPK). MOUNT ON WALL IN WALK IN COOLER AND CONNECT TO NEAREST RECEIVER OUTSIDE OF COOLER. |
| 22 | ISOLATED GROUND (IG) 20 AMP CIRCUIT FOR ATM. FLUSH MOUNT DUPLEX FACEPLATE WITH ORANGE RECEPTACLE. |
| 23 | E.C. TO MAINTAIN 2" SPACING BETWEEN RECEPTACLES FOR STAND UP LOTTO MACHINE. |

SYMBOL LEGEND

⊖	TELEPHONE DATA OUTLET	⊕	SPECIAL RECEPTACLE (SEE NEMA CONFIG)
⊙	JUNCTION BOX	⊞	FUSED DISCONNECT
⊕	125 V RECEPTACLE, DUPLEX	⊞	NON-FUSED DISCONNECT
⊕	125 V RECEPTACLE, CEILING MOUNT DUPLEX	⊞	WALL SWITCH
⊕	125 V RECEPTACLE, SIMPLEX	☐	PANELBOARD
⊕	125 V RECEPTACLE, DOUBLE DUPLEX	☐	WEATHERPROOF SPEAKER
(NOTE: NOT ALL SYMBOLS ARE USED)		⊞	FUEL E-STOP

bates

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REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NUMBER: 17111
RELEASE DATE: 12/19/2017

ELECTRICAL FLOOR PLAN

E1.0