





# 1 LIGHTING FIXTURE (LUMINAIRE) SCHEDULE - CHICK-FL-A FSU PROTO 508-V5 EDITION (A,C,D,E,NB)

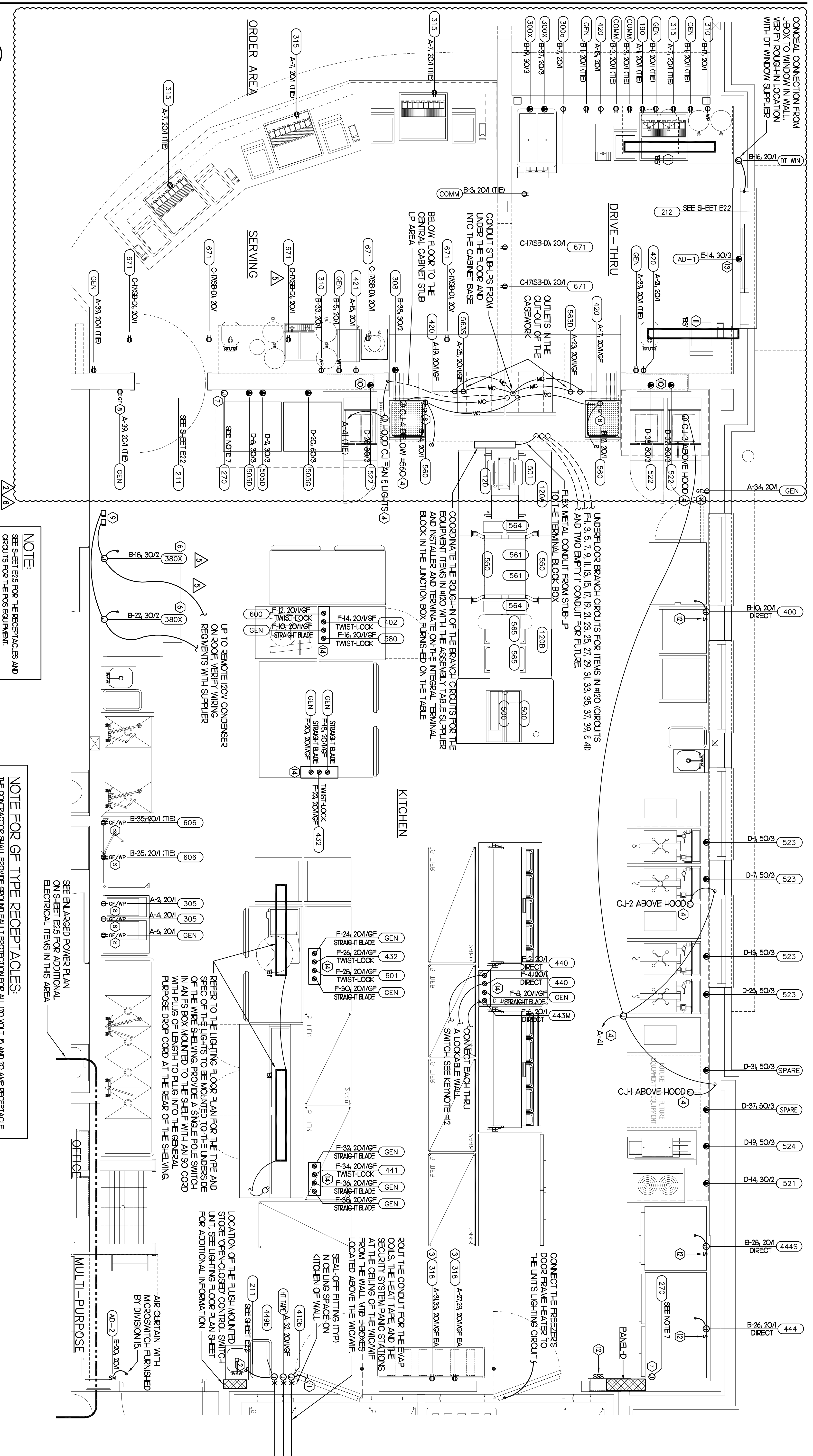
MARK	A	DESCRIPTION	CATALOG NUMBER	NO. LAMPS/TYPE	STL LAMP NO	WATTS	VOLTS	MOUNTING	REMARKS	
A	X	X	LITHONIA	2678-G-43Z-A12V-MW01-0510S	3-F028/835/NP/SS/ECO	22178	96	120	RECESSED	2'x4' STATIC TROFFER, SMOOTH SIDE OF PRISMATIC LENS DOWN.
AE	X	X	LITHONIA	2678-G-43Z-A12V-MW01-0510S-EL14	3-F028/835/NP/SS/ECO	22178	96	120	RECESSED	SAME AS 'A' WITH EMERGENCY BATTERY PACK. SEE PLAN NOTES ABOUT LAMP SWITCHING.
B1	X	X	LITHONIA	EFSC-132-MW01-0510S	1-F028/835/NP/SS/ECO	22178	32	120	SURFACE	MOUNT TO BOTTOM OF OVERHEAD WIRE SHELVING AT WORKTOP REFRIGERATOR
B2	X	X	LITHONIA	VSLC-117-SC-MW01-0510S	1-F017/835/NP/ECO	21778	21	120	SURFACE	2'x4' FLUORESCENT W/ ENCLOSED LENS AND GASKETS. MOUNT TO BOTTOM OF OVERHEAD WIRE SHELVING
B3	X	X	LITHONIA	UP278-1-WITH PLUG & CONDUIT	1-FP28/835/ECO	20901	31	120	SURFACE	REFER TO SHEET E2.4, KEYNOTE #11, FOR ADDITIONAL INFORMATION.
C	X	X	LITHONIA	UP278-1-WITH PLUG & CONDUIT	1/50W PAR20 HAL	14529	50	120	TRACK	WHITE ROUNDBACK TRACKED WITH MICROGRABBER BATTERY AIMED AT AIRWORK ON WALL
D	X	X	LITHONIA	UP278-1-WITH PLUG & CONDUIT	1/50W PAR20 HAL	59020	50	120	TRACK	SILVER LINE VOLTAGE ACCEP LIGHT FOR THE FLEXIBLE LIGHTING TRACK SYSTEM
DE	X	X	LITHONIA	2RTR8-232-MW01-0510S-EL14	2-F028/835/NP/SS/ECO	22178	58	120	RECESSED	2'x4' VOLUMETRIC RECESSED LIGHTING SYSTEM WITH DRYWALL GRID ADAPTER TRIM
E	X	X	BESA LIGHTING	14C-412618-SN (WARM WHITE)	2-F028/835/NP/SS/ECO	22178	58	120	RECESSED	SAME AS 'D' WITH EMERGENCY BATTERY PACK. SEE PLAN NOTES ABOUT LAMP SWITCHING
F	X	X	LITHONIA	LA-17A-P	1-FC19EL/MIN-TWIST/2700	29396	19	120	TRACK	TRIM OF FIXTURE TO BE 6'-0" AFF USING FACTORY COND
G	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	PENDANT ADAPTER FOR CON-TECH 'L' SERIES LIGHTING TRACK
H	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	WHITE LIGHTING TRACK IN LENGTHS AS INDICATED ON PLAN, PROVIDE AN END FEED PER RUN
I	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	PENDANT ADAPTER FOR CON-TECH 'ODYSSEY' LIGHTING TRACK
J	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	SILVER ANODIZED ALUMINUM FINISH WITH FITTINGS AND CONNECTORS; LENGTHS AS INDICATED
K	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	COMPACT FLUORESCENT LENSED WALLWASHER, DIRECT LIGHT AT WALL
L	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	STRIP FLUORESCENT WITH LOW TEMP BALLAST, MOUNT WITHIN ANNING ON FRAME
M	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	STRIP FLUORESCENT WITH LOW TEMP BALLAST AND WIREGUARD, MTD ABOVE DOOR FRAME
N	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	MOUNT ABOVE DOOR FRAME
O	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	MOUNT IN MENUBOARD COVE AND PROVIDE TUBE GUARDS ON LAMPS
P	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	1'x4' ASYMMETRIC WITH LIGHT DIRECTED TOWARDS THE CENTER OF THE ROOM
Q	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	LOW PROFILE DAMP LOCATION FLUORESCENT.
R	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	MOTION SENSOR ON FLUSH BACKBOX, PROVIDE COVERPLATE WITH CENTER THREADED KNOCKOUT
S	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	2'x4' ASYMMETRIC WITH EMERGENCY BATTERY PACK. SEE PLAN NOTES ABOUT LAMP SWITCHING.
T	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	2'x4' VOLUMETRIC RECESSED LIGHTING SYSTEM WITH DUAL LEVEL (50%-100%) BALLAST
U	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	SAME AS 'R' WITH EMERGENCY BATTERY PACK
V	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	EXIT SIGN WITH BATTERY PACK AND TWO INTERNAL ADJUSTABLE LAMPHEADS
W	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	EXTERIOR WALL MOUNTED EMERGENCY LIGHTING UNIT, LOCATE NEAR EGRESS DOOR
X	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	INTERGRAL WITH FIXTURE
Y	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
Z	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AA	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AB	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AC	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AD	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AE	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AF	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AG	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AH	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AI	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AJ	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AK	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED
AL	X	X	LITHONIA	CON-TECH	LA-17A-P			120	TRACK	NOT USED

NOTES:  
 1. LUMINAIRE UTILIZING DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS THAT CAN BE SERVICED IN PLACE SHALL HAVE A DISCONNECTING MEANS EITHER INTERNAL OR EXTERNAL TO EACH LUMINAIRE PER 2008 NEC 410.130(G)  
 2. THE LIGHTING FIXTURE PACKAGE IS AVAILABLE THROUGH A NATIONAL ACCOUNT PROGRAM. REFER TO SHEET E4.2, SECTION 16500 FOR VENDOR INFORMATION.  
 3. THE FLUORESCENT BALLAST CATALOG NUMBER INDICATES A NORMAL AND ALL LAMP DESIGNATIONS ARE FOR OSRAM/Sylvania PER A NATIONAL ACCOUNT AGREEMENT.  
 4. THE ASTERISK (\*) BESIDE THE FIXTURE MARK IN THE ABOVE SCHEDULE INDICATES THE FIXTURE IS A NON-PROTOTYPICAL LIGHT FIXTURE PER THE CFA NATIONAL PROTOTYPE.

CR	CONTRACTOR	DESCRIPTION	CONTRACTOR	DESCRIPTION	CONTRACTOR	DESCRIPTION	CONTRACTOR	DESCRIPTION
CR C-1	30A 4FOLE	KITCHEN LITG	30A 4FOLE	SINGLELINE DT CAMPY	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-2	30A 4FOLE	KITCHEN LITG	30A 4FOLE	BLOS SIGNAGE	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-3	30A 4FOLE	RESTROOM LITG	30A 4FOLE	BLOS SIGNAGE	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-4	30A 4FOLE	RESTROOM LITG	30A 4FOLE	BLOS SIGNAGE	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-5	30A 4FOLE	PLAY AREA LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-6	30A 4FOLE	PLAY AREA LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-7	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-8	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-9	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-10	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-11	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-12	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-13	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-14	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-15	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-16	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-17	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-18	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-19	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-20	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-21	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-22	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-23	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-24	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-25	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
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CR C-27	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-28	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-29	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-30	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-31	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-32	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-33	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-34	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-35	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-36	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-37	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-38	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-39	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-40	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-41	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-42	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-43	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-44	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-45	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-46	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-47	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-48	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-49	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-50	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-51	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-52	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-53	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-54	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-55	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-56	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-57	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-58	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-59	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-60	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE	30A 4FOLE	30A 4FOLE	30A 4FOLE
CR C-61	30A 4FOLE	RESTROOM LITG	30A 4FOLE	PARKING LOT LITG	30A 4FOLE			







**1 LARGE SCALE POWER PLAN**

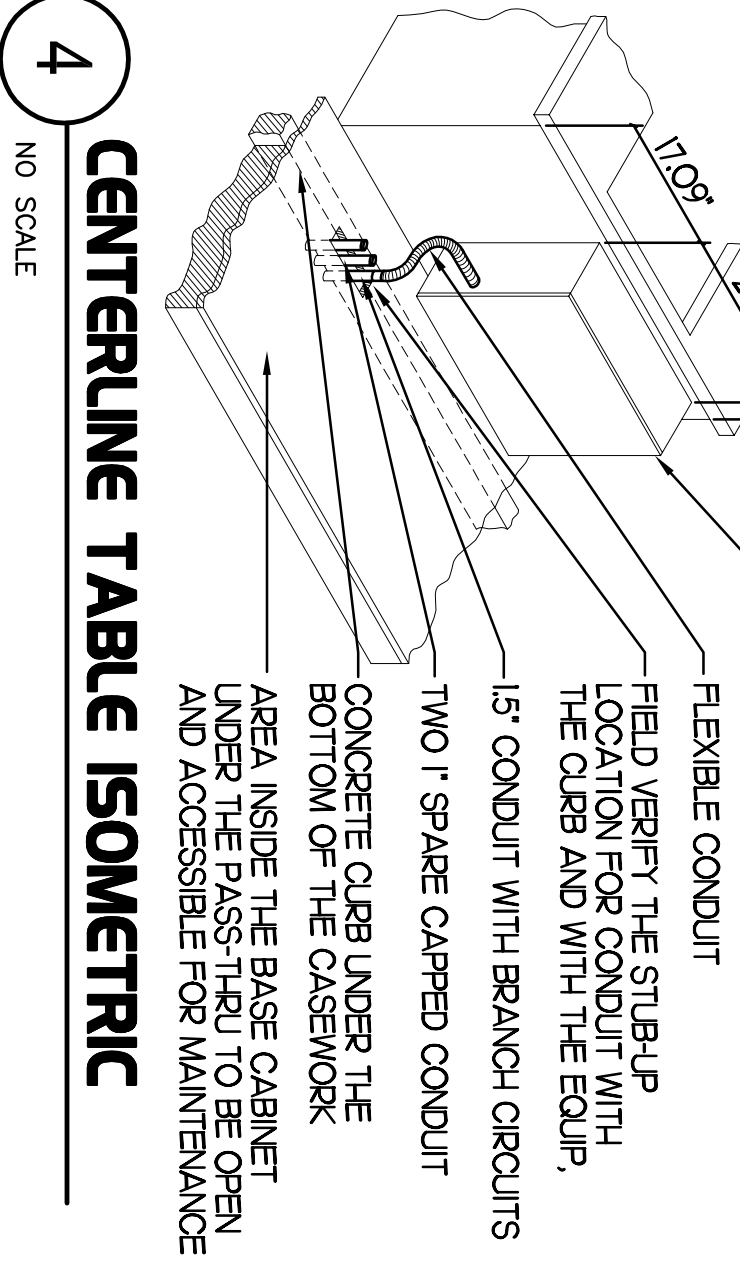
SCALE: 1/2" = 1'-0"

- KEY:**
- KITCHEN EQUIPMENT MARK NUMBER, SEE SCHEDULE FOR REQUIRMENTS PANEL AND CIRCUIT NUMBER
  - BRANCH BREAKER SIZE (AMP/POLES) REFER TO THE CONDUIT AND CONDUIT SCHEDULE FOR WIRE AND CONDUIT SIZE RELATED TO THE BREAKER (VERIFY)
  - REFER TO THE KITCHEN ELEVATIONS FOR THE ROUGH-IN HEIGHT
  - XX AMP/POLE

**3 KEY NOTES - POWER:**

- CONNECT EVAPORATOR UNIT IN FREEZER TO FREEZER CONDENSING UNIT CONTROLS LOCATED ON ROOF. SEE SHEET E23.
- CONNECT EVAPORATOR UNIT IN COOLER TO COOLER CONDENSING UNIT CONTROLS LOCATED ON ROOF. SEE SHEET E23.
- SPLIT DUAL-ENERGY FEED 2 CIRCUITS AS INDICATED.
- CONNECT AS REQUIRED TO CU FAN VIA SPEED CONTROLLER.
- CONNECT HOB/RAVIA VIA RELAY IN 1" FLOOR CONTROL SECTION.
- ROUTE THROUGH LIGHTING CONTROL SWITCHBANK "SR" CONTROLLED BY SWITCHED "TV" REFER TO SHEET E21.
- SEE SHEET E23 ROOF ELECTRICAL PLAN FOR THE LOCATION OF THE ICE MACHINES CONDENSER AND ADDITIONAL REQUIREMENTS AND THE ANSL SYSTEM PANEL. SEE ANSL SYSTEM WIRING DIAGRAM DETAIL 3 ON SHEET E11 FOR ADDITIONAL INFORMATION.
- PROVIDE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE RECEPTACLE IN COMPLIANCE WITH THE NEC REQUIREMENT FOR KITCHENS. IF NOT NOTED AS GFCI, THEN THE BREAKER IS TO BE GFCI TYPE.
- VERIFY MOUNTING LOCATION FOR THE ICE MAKER (ITEM #5900) DISCONNECTS WITH THE INTERIOR ELEVATIONS.
- THE OUTLETS FOR THE TWO OPEN FRIGERS (ITEM #522) ARE FLUSHMOUNT BY THE EXHAUST HOOD SUPPLIER AND INSTALLED BY THE CONTRACTOR.
- DT AREA UNDER SHELF TASK LIGHT TO BE TYPE B3 (SEE LIGHTING FIGURE SCHEDULE) FRIDGE FINISHED WITH INTEGRAL ON-OFF SWITCH. INSTALL ON FRONT EDGE OF SHELF WITH TILTING LENS TOWARDS THE WALL PLUG INTO NEAREST GEN RECEPTACLE.
- DT AREA UNDER SHELF TASK LIGHT TO BE TYPE B3 (SEE LIGHTING FIGURE SCHEDULE) FRIDGE FINISHED WITH INTEGRAL ON-OFF SWITCH. INSTALL ON FRONT EDGE OF SHELF WITH TILTING LENS TOWARDS THE WALL PLUG INTO NEAREST GEN RECEPTACLE.
- LOCATE SINGLE POLE SWITCHES SHALL SERVE AS THE LOCAL "IN-SIGHT" MEANS OF DISCONNECT FOR EQUIPMENT ITEMS AS SHOWN. THE SWITCHES SHALL BE COOPER #52993 AND INSTALLED AT 68" AFF. PROVIDE A LABEL IDENTIFYING LOAD CONTROLLED BY EACH SWITCH.
- THIS LOCK 208V 3PHASE 30 AMP RECEPTACLE ABOVE ADH AT THE DT WINDOW. PROVIDE AND INSTALLED A 30 AMP COORDSET WITH VENTA LU-30 PLUS INTO THE RECEPTACLE ON THE TOP OF ADH AND TERMINATE ON THE LUGS IN THE UNITS WIRING COMPARTMENT.
- OVERHEAD EQUIPMENT POWER (GEN DRIP COORD RECEPTACLES FROM A FLUSH MOUNTED CEILING OEP BOX. PROVIDE A-C-S GEN ASSEMBLY #1250-1000. ASSEMBLY WILL CONSIST OF A FLUSH-CEILING OUTLET BOX RECEPTACLES, COORDS STRAIN RELIEF AND TWIST-LOCK PLUS. CONTACT MR. JIM JACOBSON AT A-C-S AT 800-697-7994 TO PURCHASE OEP BOX AND DROP COORD RECEPTACLES. PROVIDE LIQUID-TIGHT CONDUIT WITH CONDUCTORS FOR DIRECT CONNECTED EQUIPMENT. CONDUIT SHALL NOT TOUCH THE FLOOR WHEN EQUIPMENT IS IN PLACE. USE SUPPORT BRASS 1/2" SUPPORT HOOD ATTACHED TO SHELVING ABOVE AS NEEDED. PASS 5 SEMIORD MODEL #RS05-0945 OR EQUIVALENT.

**NOTE FOR GF TYPE RECEPTACLES:** THE CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL 120VOLT 15 AND 20 AMP RECEPTACLE OUTLET BRANCH CIRCUITS IN THE KITCHEN/FOOD PREPARATION AREAS. GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE RECEPTACLE VIA A GROUND FAULT TYPE RECEPTACLE UNLESS OTHERWISE NOTED ON THE PLANS. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.



5200 Buffington Rd,  
Atlanta Georgia,  
30349-2998

Revisions:

Work	Date	By
1	04-07-11	TV
2	05-12-11	TV
3	05-12-11	TV
4	07-01-11	TV
5	07-01-11	TV
6	07-01-11	TV

3445 SW COLLEGE RD  
OCALA, FL 34474

3711  
**INTERPLAN**  
ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA 8660  
604 COURTLAND STREET SUITE 100  
ORLANDO, FLORIDA 32812  
PH 407.645.5008  
FX 407.629.9124

FRANK TRAHAN, P.E.  
FLORIDA LIC. #FE-19197

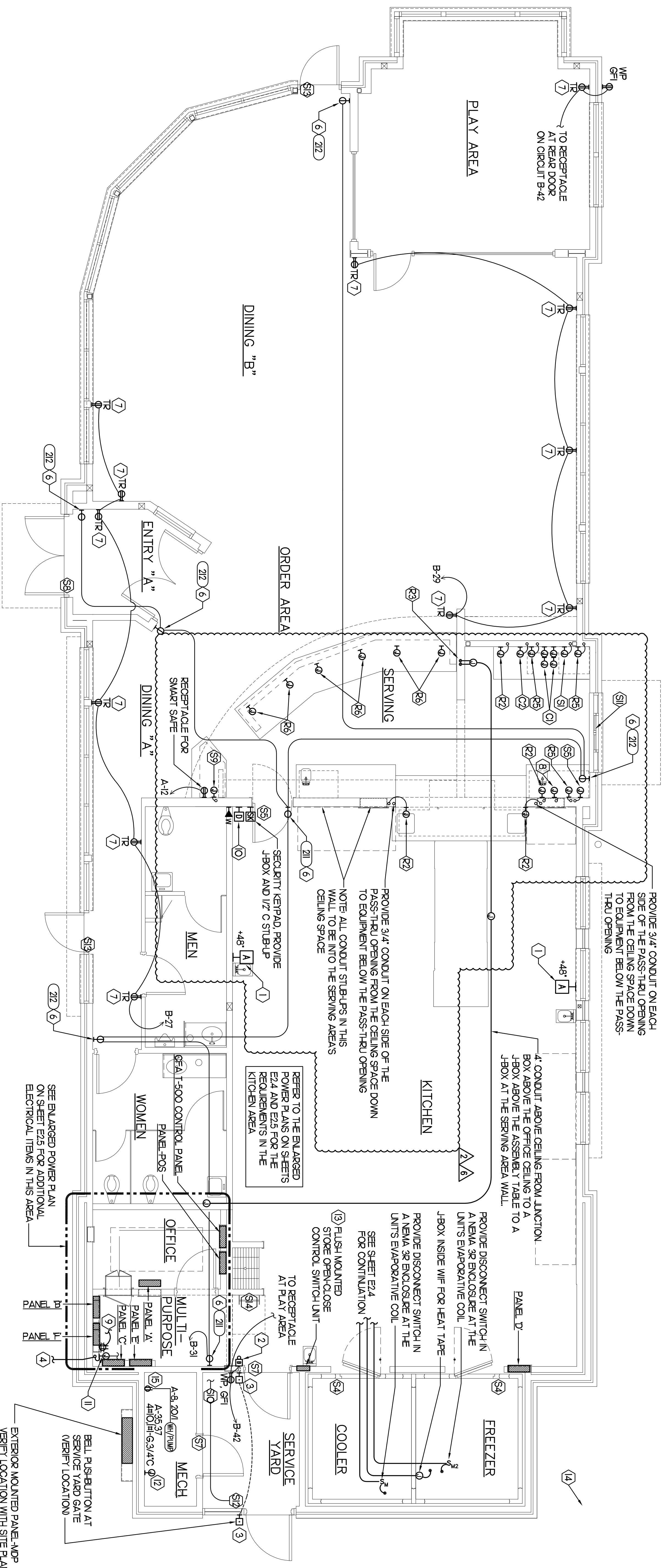
Job No. : 10.0421  
Store : 267  
Date : 12/2010  
Drawn By :  
Checked By :  
Sheet

VERSION: S08N-104  
V5-01  
ISSUE DATE: 10-2010

SHEET TITLE  
ENLARGED  
POWER PLAN

**E2.4**





## 2 KEY NOTES - POWER:

- 1 PROVIDE 2 GANG DEEP BOX (2 MIN) FOR ANSL PULL STATION. EXTEND 1/2" CONDUIT FROM BOX STUBBED ABOVE CEILING.
- 2 PROVIDE EDWARDS #340-416 VIBRATING 4" DIAMETER BELL. BELL SHALL BE RATED AT 120 VOLTS.
- 3 PROVIDE 120 VOLT, STAINLESS STEEL, WEATHER-PROOF DOORBELL PUSH-BUTTON AT DOOR. PUSH-BUTTON SHALL BE SURFACE MOUNTED. PROVIDE EDWARDS #450 PUSH-BUTTON IN BOX WITH EDWARDS #149-1 STAINLESS STEEL PLATE.
- 4 TELEPHONE SERVICE ENTRANCE CONDUITS, EXTEND WITH PULL STRING FROM TELEPHONE SERVICE J-BOX TO THE TELEPHONE UTILITY SOURCE. REFER TO SHEET ESI FOR ADDITIONAL INFORMATION.
- 5 PROVIDE 4W X 4H X 3D JUNCTION BOX WITHOUT COVERPLATE EXTEND 2" RIGID CONDUIT DOWN THROUGH SLAB TO THE TELEPHONE POINT OF DEMARCATION. EXTEND 1" RIGID CONDUIT TO ABOVE ACCESSIBLE OFFICE AREA CEILING.
- 6 PROVIDE SINGLE NEMA 5-6R CLOCK RECEPTACLE (SEE ELEVATIONS FOR WIRING) FOR CONNECTION TO FLT. SYSTEM EQUIPMENT. 24" BENT HEIGHT FOR FLT. DO NOT CUT THE CONDUIT. FINISH WITH THE FLT. SYSTEM COIL. THE COIL ON THE BACK OF THE UNIT FOR MANUFACTURER'S DIRECTIONS.
- 7 TAMPER RESISTANT (TR) RECEPTACLES SHALL BE COOPERATION #4421 #128200-61.
- 8 JUNCTION BOX WITH 3/4" CONDUIT STUB-UP INTO THE CEILING SPACE FOR FUTURE AIRPHONE INTERCOM WITH THE MULTI ORDERING CONTROL.
- 9 TO TELEPHONE RECEPTACLE IN OFFICE. SEE SHEET E25 FOR CONTINUATION.
- 10 PROVIDE 2 GANG DEEP BOX (2 MIN) FOR EACH DUCT SMOKE DETECTOR INDICATED ON THE MECHANICAL DRAWINGS. FOR INSTALLATION OF DUCT DETECTOR REMOVE ANNUNCIATORS BY MECHANICAL. THE DUCT SMOKE DETECTOR ANNUNCIATORS ARE PROVIDED TO THE ELECTRICIAN WITH THE SINGCOAST ELECTRONICS PACKAGE OF GEAR AND CONTROLS. EXTEND 1/2" CONDUIT FROM EACH BOX AND STUB ABOVE CEILING.
- 11 PROVIDE 6H X 6W X 3D INCOMING TELEPHONE SERVICE JUNCTION BOX AT 9' FT AFF. EXTEND 2" CONDUIT WITH PULL STRING FROM THIS BOX TO THE NOTE (3) JUNCTION BOX IN THE OFFICE ROUTE THE 2" CONDUIT BELOW THE SLAB. PROVIDE #6 AWG INSULATED CU GROUND WIRE IN 3/4" IC TO GROUND BUS IN PANE-10P.
- 12 PROVIDE JUNCTION BOX AT 8'-0" AFF WITH CONDUIT AND CONDUCTORS TO PANEBOARD FOR FUTURE CONNECTION TO BOOSTER PUMP. REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 13 CONNECT STORE OPERATOR LIFT SWITCH TO GFA 1" FLOOR CONTROL PANEL VIA 3/4" IN 1" CONDUIT AND IN ACCORDANCE WITH SINGCOAST ENVIRONMENTAL INC WIRING DIAGRAMS.
- 14 SEE SHEET E13 AND THE ELECTRICAL SITE PLAN FOR THE DRIVE-THRU ORDER AREA REQUIREMENTS AND FOR THE LOCATION OF THE LIGHTING Poles THAT WILL SERVE AS A LOCATION FOR CAMERAS.
- 15 PROVIDE PUG AND COBBERETS FOR WATER HEATER AND RECIRC PUMP.

## 3 KEY NOTES - SECURITY:

- 1 PROVIDE SINGLE GANG JUNCTION BOX AND STAINLESS STEEL COVER PLATE WITH 7/8" HOLE IN CENTER. EXTEND 1" EC. LP IN WALL TO ABOVE ACCESSIBLE CEILING.
- 2 PROVIDE 4W X 4H X 3D FLUSH JUNCTION BOX WITHOUT COVERPLATE. EXTEND 2" RIGID CONDUIT UP TO ABOVE ACCESSIBLE OFFICE CEILING AREA. PROVIDE FINISH ON CONDUIT. CONNECT NOTE (3) JUNCTION BOX TO NOTE (3) JUNCTION BOX VIA 1/2" RIGID CONDUIT.
- 3 PROVIDE 4W X 4H X 3" D JUNCTION BOX WITHOUT COVERPLATE. EXTEND 2" RIGID EC. LP TO ABOVE ACCESSIBLE OFFICE CEILING AREA. PROVIDE SINGLE-GANG J-BOX ADJACENT WITH 2" RIGID EC. DOWN THROUGH SLAB AND BELOW GRADE TO REMOVE CAMERA LOCATION. USE ONLY LONG SWEEPS. 3 FEET PER 90 DEGREES. SEE ELECTRICAL SITE PLAN FOR CONTINUATION.
- 4 PROVIDE TWO GANG WEATHER-PROOF JUNCTION BOX AND STAINLESS STEEL PLATE WITH 7/8" HOLE IN CENTER FOR PULL STRING ON CONDUIT AT ACCESSIBLE CEILING. SEAL PENETRATION AT WINDOW CEILING. PROVIDE TWO GANG WEATHER-PROOF JUNCTION BOX AND STAINLESS STEEL PLATE WITH 7/8" HOLE IN CENTER FOR PULL STRING ON CONDUIT AT ACCESSIBLE CEILING. SEAL PENETRATION AT WINDOW CEILING.
- 5 PROVIDE SINGLE GANG WEATHER-PROOF JUNCTION BOX WITH STAINLESS STEEL COVER PLATE MOUNTED 18" FROM THE CORNER OF THE SERVICE YARD AND 18" BELOW ROOF DECK MOUNTING BRACKETS. BRACKETS AND TERMINATE THE CONDUIT AT (3).
- 6 EXTEND 1/2" RIGID CONDUIT FROM A POINT 3" WITHIN STRIKE-SIDE WINDOW FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
- 7 PROVIDE SINGLE GANG WEATHER-PROOF JUNCTION BOX WITH STAINLESS STEEL COVER PLATE MOUNTED 18" FROM THE CORNER OF THE SERVICE YARD AND 18" BELOW ROOF DECK MOUNTING BRACKETS. BRACKETS AND TERMINATE THE CONDUIT AT (3).
- 8 EXTEND 1/2" RIGID CONDUIT FROM A POINT 3" INSIDE THE STRIKE-SIDE DOOR FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
- 9 PROVIDE JUNCTION BOX ON THE LATCH SIDE OF THE ROOF ACCESS LATCH WITH 1/2" C ABOVE THE OLS TO THE OFFICE CEILING SPACE FOR A ROOF CONTACT.

## 1 POWER & SYSTEM PLAN

SCALE: 1/4" = 1'-0"

## 4 GENERAL NOTES:

1. ALL SECURITY, POS, MUSIC, COMMUNICATIONS, AND POWER ROUGH-IN SHALL BE INSTALLED DURING THE FRAMING/ROUGH-IN PHASE OF CONSTRUCTION.
2. REFER TO VENDOR EQUIPMENT SHEETS FOR EQUIPMENT ELECTRICAL ROUGH-IN ELEVATIONS ABOVE FINISHED FLOOR.
3. ALL ENTRY CONDUITS SHALL BE PROVIDED WITH PULL STRING.
4. PROVIDE INSULATED BUSINGS AT TERMINATION POINTS OF ALL CONDUITS FOR LOW VOLTAGE WIRING.
5. THE ELECTRICAL INSTALLER SHALL COORDINATE THE ROUTING OF ALL CONDUIT IN THE BUILDING WITH OTHER TRADES SPECIFICALLY THE PLUMBING INSTALLATION TO AVOID CONFLICTS OF SPACE REQUIREMENTS IN WALLS AND CEILING SPACES.

## 5 KEY NOTES - COMMUNICATIONS:

- 1 PROVIDE TWO DOUBLE-GANG RINGS (CARLON #SC3000) ONE WITH 3" CONDUIT STUBBED UP INTO THE CEILING SPACE FOR VIDEO AND ONE WITH A 2" CONDUIT STUBBED UP INTO THE CEILING SPACE FOR AUDIO AND DETECTOR LOOP.
- 2 PROVIDE JUNCTION BOX, LESS COVER PLATE AND EXTEND 1" EC. LP IN WALL TO ABOVE CEILING FOR INSTALLATION OF WIRELESS COMMUNICATION CONTROL UNIT.
- 3 PROVIDE TWO DOUBLE-GANG RINGS (CARLON #SC3000) WITH STAINLESS STEEL COVER PLATE AND HOLE IN PLATE FOR AUDIO WITH 2" CONDUIT TO THE DT DUAL-LANE ORDERING AREA AND A 2" CONDUIT STUBBED UP INTO THE CEILING SPACE. PROVIDE TWO DOUBLE-GANG RINGS (CARLON #SC3000) WITH STAINLESS STEEL COVER PLATE AND HOLE IN PLATE FOR VIDEO WITH 3" CONDUIT TO THE DT DUAL-LANE ORDERING AREA AND A 3" CONDUIT STUBBED UP INTO THE CEILING SPACE.

## 6 KEY NOTES - MUSIC:

- 1 PROVIDE JUNCTION BOX WITH STAINLESS STEEL COVER PLATE AND 3/4" HOLE IN PLATE WITH GROUWET ON HOLE IN PLATE. EXTEND 3/4" EC. LP IN WALL TO ABOVE CEILING FOR MUSIC SYSTEM.
- 2 PROVIDE JUNCTION BOX WITH STAINLESS STEEL COVER PLATE AND 3/4" HOLE IN PLATE WITH GROUWET ON HOLE IN PLATE. EXTEND 3/4" EC. LP IN WALL TO PARAPET WALL FOR THE SATELITE DISH.
- 3 PROVIDE THREE SINGLE GANG EXTRA DEEP J-BOXES AT 7'-4" AFF WITH 1/2" CONDUIT FROM EACH TO THE CENTER BOX AND A 1" CONDUIT STUBBED INTO THE CEILING SPACE FOR MUSIC SYSTEM VOLUME CONTROLS.
- 4 PROVIDE A SINGLE GANG EXTRA DEEP JUNCTION BOX AT 7'-4" AFF WITH 1/2" CONDUIT STUBBED INTO THE CEILING SPACE FOR MUSIC SYSTEM VOLUME CONTROLS.

## 7 KEY NOTES - POS SYSTEM:

- 1 PROVIDE A THERMOPT DOUBLE-GANG RING (CARLON #SC3000) FOR OWNERS SERVICE PLATE WITH A 3" ENTRY CONDUIT AT THE OPENING IN THE WALL UP TO THE CEILING SPACE FOR OWNERS DATA CABLES.
- 2 PROVIDE JUNCTION BOX FOR TERMINATION OF 1" CONDUIT. PROVIDE 1" CONDUIT EXTENDING FROM CEILING AND TERMINATED AT JUNCTION BOX ON THE SERVING AREA SIDE OF THE WALL. COVER PLATE PROVIDED BY OWNERS POS SYSTEM VENDOR.
- 3 PROVIDE TWO 2" CONDUIT FROM FACE OF WALL AND EXTEND CONDUIT TO JUNCTION BOX IN CEILING SPACE ABOVE SERVING AREA. CONDUIT SHALL TERMINATE FLUSH WITH FACE OF WALL BELOW COUNTER. CUSTOM STAINLESS STEEL COVER PLATE IN WALL WITH GROUWET ON 2" DIAMETER HOLE AT CONDUIT TERMINATION IN WALL.
- 4 PROVIDE A THERMOPT SINGLE GANG RING (CARLON #SC3000) FOR OWNERS SERVICE PLATE WITH A 2" ENTRY CONDUIT AT THE OPENING IN THE WALL UP TO THE CEILING SPACE FOR OWNERS DATA CABLES.
- 5 PROVIDE JUNCTION BOX FOR TERMINATION OF 1" CONDUIT. PROVIDE 1" CONDUIT EXTENDING FROM CEILING AND TERMINATED AT JUNCTION BOX ON THE SERVING AREA SIDE OF THE WALL. POS SYSTEM SUPPLIER WILL PROVIDE COVER PLATE ON BOX.
- 6 PROVIDE SINGLE GANG EXTRA DEEP JUNCTION BOX MOUNTED ON THE MOUNTING PLATE WITHIN THE FRONT SERVING COUNTER CASHWORK. MOUNT BOX ADJACENT TO THE RECEPTACLE FOR EQUIPMENT 201. DO NOT MOUNT BOX BETWEEN EQUIPMENT 201 AND EQUIPMENT 204 RECEPTACLES.

5200 Buffington Rd,  
Atlanta Georgia,  
30349-2998

Revisions:

Mark	Date	By
1	04-07-11	TV
2	04-07-11	TV
3	07-01-11	TV
4	07-01-11	TV

ST11  
ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

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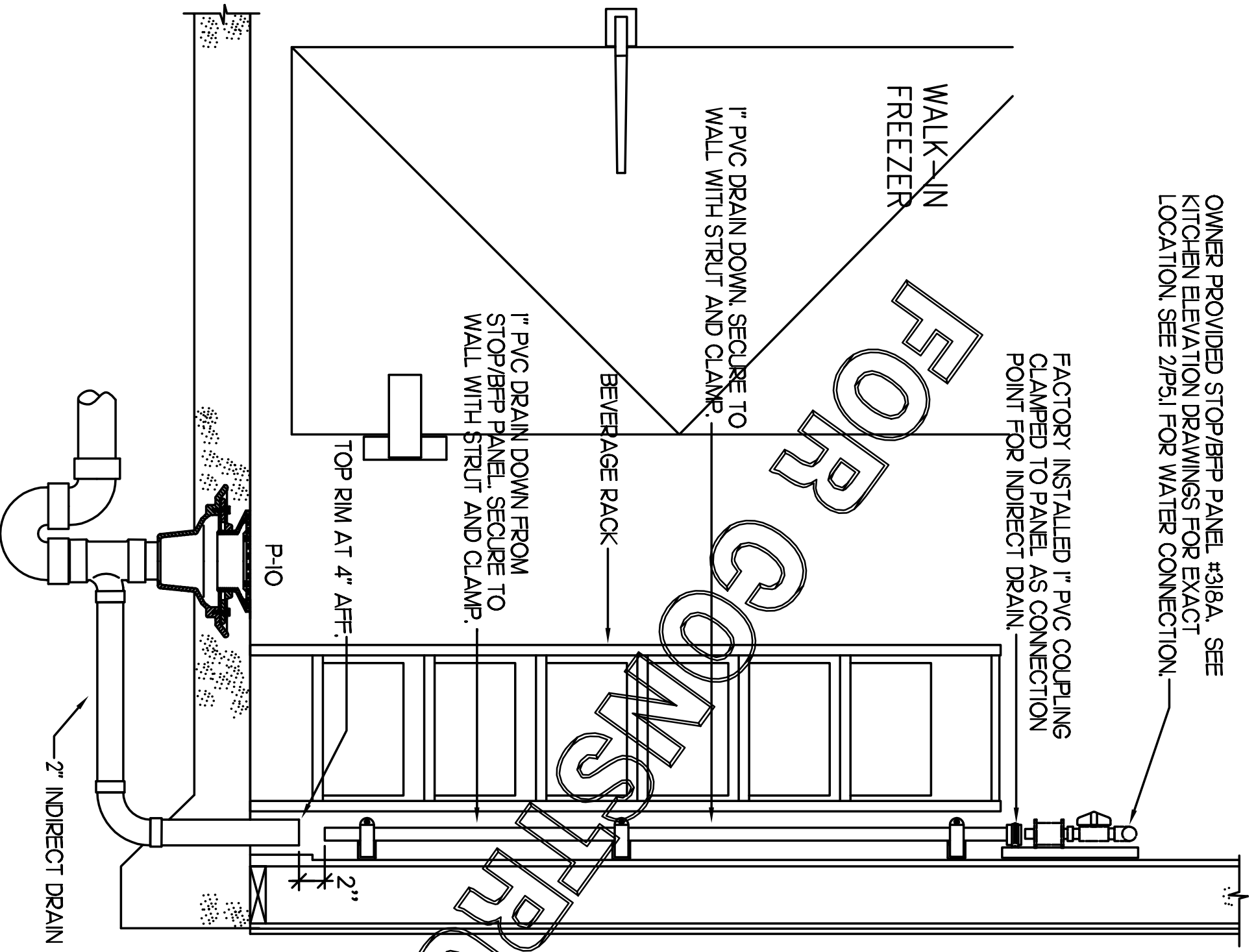
3445 SW COLLEGE RD  
OCALA, FL 34474

SHEET TITLE: POWER & SYSTEMS PLAN & NOTES

VERSION: S08N-104  
V5-01  
ISSUE DATE: 10-2010

Job No.: 10.0421  
Store: 2367  
Date: 12/2010  
Drawn By: \_\_\_\_\_  
Checked By: \_\_\_\_\_  
Sheet: **E2.2**

OWNER PROVIDED STOPPER PANEL #18A. SEE KITCHEN ELEVATION DRAWINGS FOR EXACT LOCATION. SEE 2/P51 FOR WATER CONNECTION.



### KITCHEN EQUIPMENT SCHEDULE

2. TAG	DESCRIPTION	FW	FW2	CW	HW	WASTE	ROUGH-IN
629	TEA BREWERM	X	1/2"	X	X	X	P-24. SEE K-41 & 5/P22
628	COFFEE MAKER	X	1/2"	X	X	X	P-24. SEE K-41 & 5/P22
627	CARBONATOR BFP PANEL	3/4"	X	X	X	X	SEE K-41
626	WATER FILTER PANEL	(2) 3/4"	(2) 3/4"	X	X	X	SEE DET 6/P61
625	POT SINK	X	X	(2) 1/2"	(2) 1/2"	X	SEE K-41
624	VEGETABLE PREP SINK	X	X	(2) 1/2"	(2) 1/2"	INDIRECT	TWO 3/4\"/>

### VALVE TAG LEGEND

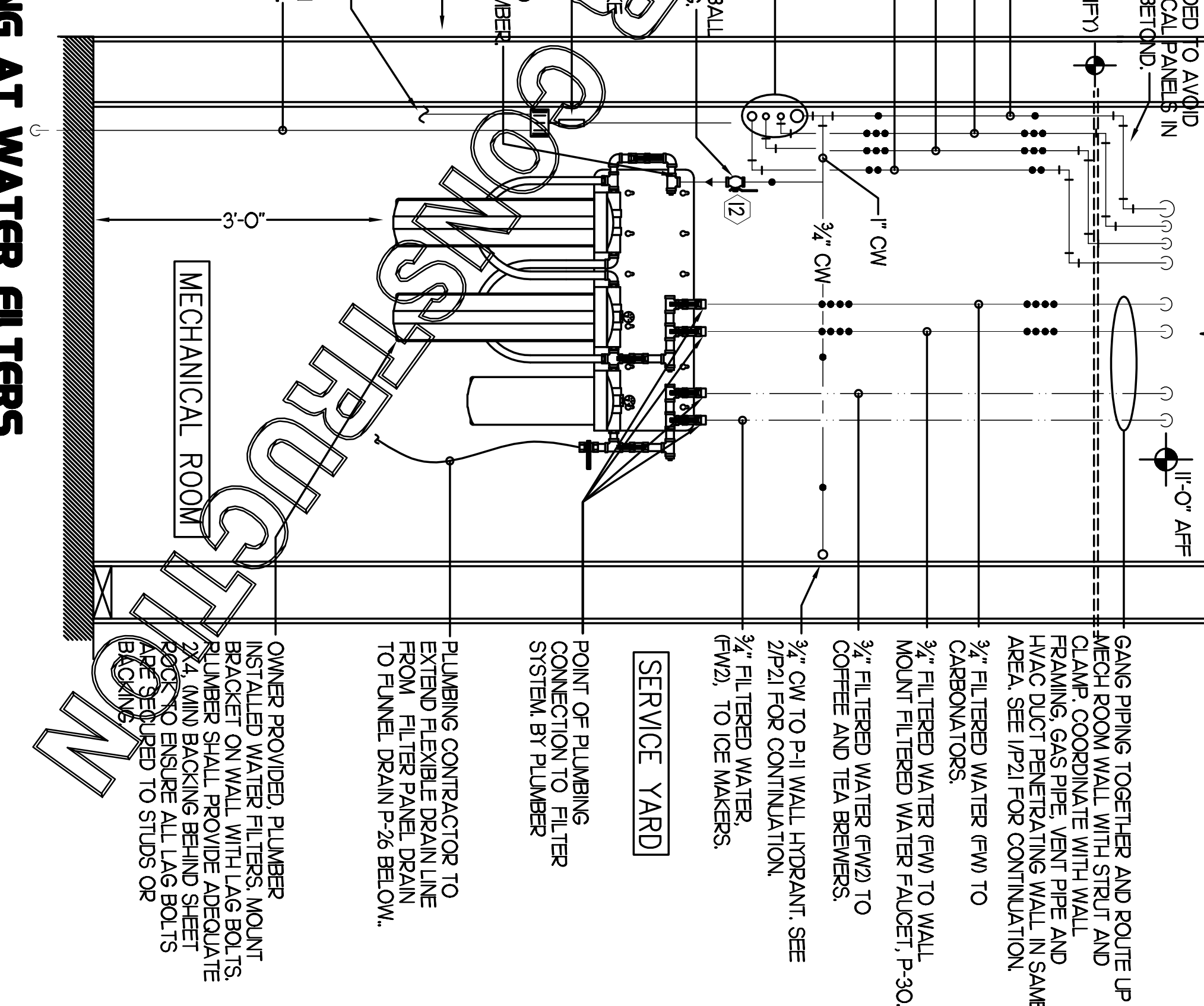
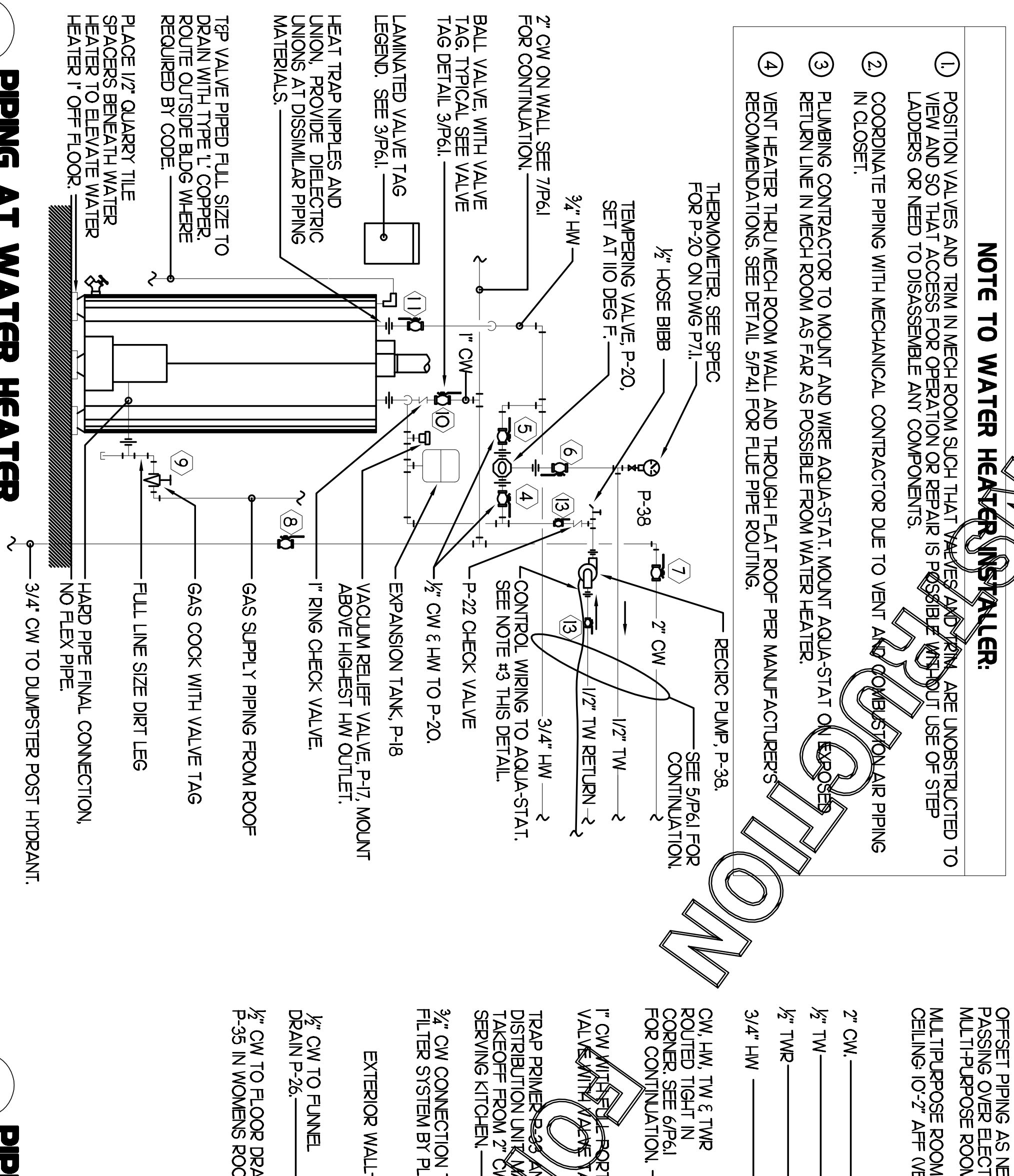
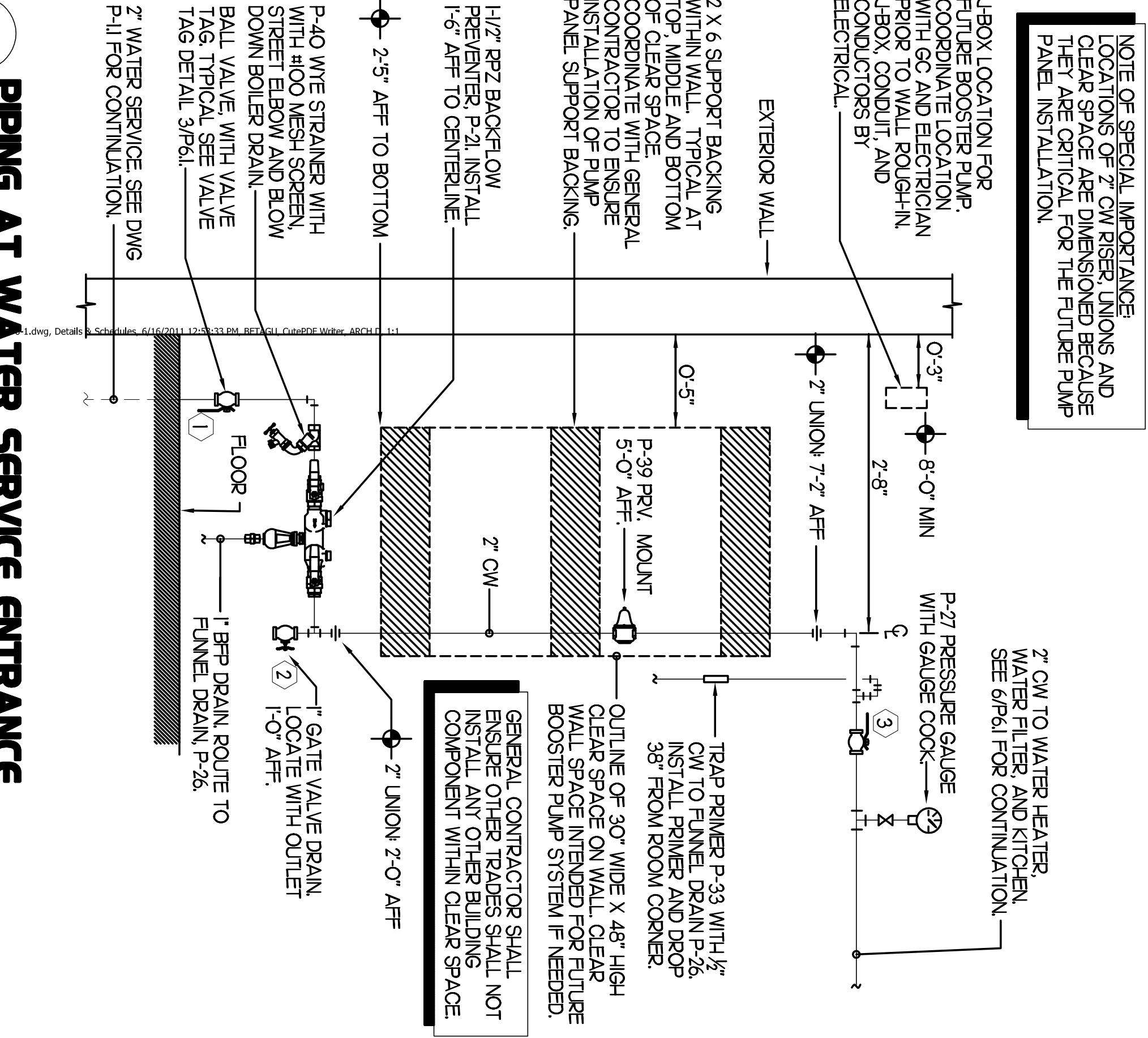
VALVE	VALVE POSITION
1	MAIN WATER SHUT-OFF
2	MAIN DRAIN
3	ACCESSORY SHUT-OFF
4	TEMPERING VALVE COLD - IN
5	TEMPERING VALVE HOT - IN
6	TEMPERING VALVE WARM - OUT
7	RESTROOM & KITCHEN COLD WATER
8	POST HYDRANT COLD WATER
9	GAS TO WATER HEATER
10	WATER HEATER INLET
11	WATER HEATER OUTLET
12	WATER FILTER INLET
13	RECIRC. ISOLATION VALVE

NOTE: VALVE TAGS SHALL BE SHOWN ON DETAIL 6/P61. PROVIDE 1/2\"/>

### 3 VALVE TAGS AND LEGEND

NO SCALE

NOTE TO WATER HEATER INSTALLER:  
 1 POSITION VALVES AND TRIM IN MECH ROOM SUCH THAT VALVES AND TRIM ARE UNOBSTRUCTED TO VIEW AND SO THAT ACCESS FOR OPERATION OR REPAIR IS POSSIBLE WITHOUT USE OF STEPLADDERS OR NEED TO DISASSEMBLE ANY COMPONENTS.  
 2 COORDINATE PIPING WITH MECHANICAL CONTRACTOR DUE TO VENT AND COVER/STAIR AIR PIPING IN CLOSET.  
 3 PLUMBING CONTRACTOR TO MOUNT AND WIRE AQUA-STAT. MOUNT AQUA-STAT ON EXPOSED RETURN LINE IN MECH ROOM AS FAR AS POSSIBLE FROM WATER HEATER.  
 4 VENT HEATER THRU MECH ROOM WALL AND THROUGH FLAT ROOF PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAIL 5/P41 FOR FLE PIPE ROUTING.



### FIXTURE CONNECTION SCHEDULE

1. MARK	FIXTURE	FW	FW2	CW	TW	HW	WASTE
P-1	WATER CLOSET - FLOOR MTD	X	X	1"	X	X	4"
P-1A	WATER CLOSET - ADA FLOOR MTD	X	1"	X	X	X	4"
P-2	WATER CLOSET - ADA FLOOR MTD	X	1"	X	X	X	4"
P-3	LAVATORY - ADA WALL HUNG	X	3/4"	X	X	X	2"
P-4	LAVATORY - ADA COUNTER TOP	X	3/4"	X	X	X	1-1/2"
P-5	KITCHEN HAND SINK - WALL HUNG	X	1/2"	X	1/2"	X	1-1/2"
P-6	SINGLE COMP SINK - COUNTERTOP	X	1/2"	X	1/2"	X	1-1/2"
P-7	MOP SINK	X	1/2"	X	1/2"	X	3"
P-8	VEGETABLE PREP SINK	X	(2) 1/2"	X	(2) 1/2"	(4) 1-1/2"	3"
P-9	POT SINK	X	(2) 1/2"	X	(2) 1/2"	X	3"
P-10	FLOOR DRAIN (ROUND TOP)	X	X	3/4"	X	X	3"
P-11	WALL HYDRANT (NON FREEZE)	X	X	3/4"	X	X	3"
P-12	FLAMEL DRAIN (3")	X	X	X	X	X	3"
P-13A	FLOOR SINK (3") 1/2" TOP	X	X	X	X	X	3"
P-13B	FLOOR SINK (3") 8" TOP	X	X	X	X	X	3"
P-14	CLEANOUT INSIDE BUILDING	X	X	X	X	X	SEE PLAN
P-15	CLEANOUT OUTSIDE BUILDING	X	X	X	X	X	SEE PLAN
P-16	WALL FAUCET	X	1/2"	X	X	X	X
P-17	VACUUM RELIEF VALVE	X	3/4"	X	X	X	X
P-18	EXPANSION TANK	X	3/4"	X	X	X	X
P-19	WATER HEATER	X	1"	X	3/4"	X	X
P-20	TEMPERING VALVE	X	X	1/2"	1/2"	1/2"	X
P-21	BACKFLOW PREVENTER	X	X	1/2"	X	X	X
P-22	MOP SINK CHECK VALVES	X	X	1/2"	X	X	X
P-23	UTILITY CONNECTION (ICE MAKER)	X	1/2"	X	X	X	X
P-24	UTILITY CONNECTION (COFFEE & TEA)	X	1/2"	X	X	X	X
P-25	SHOCK ABSORBER	1/2" & 3/4"	1/2"	1/2"	1/2"	X	X
P-26	FLAMEL DRAIN	X	X	1/4"	X	X	3"
P-27	WATER PRESSURE GAUGE	X	X	X	X	X	3"
P-28	TRAP SEAL PROTECTOR	X	X	X	X	X	3"
P-29	ICE MACHINE FLOOR SINK	X	X	X	X	X	3"
P-30A	FLAMEL RELIEF FLOOR SINK	X	X	X	X	X	3"
P-30	FILTERED WATER FAUCET	(2) 1/2"	X	X	X	X	3"
P-31	DAMPSTER DRAIN	X	X	3/4"	X	X	3"
P-32	DAMPSTER POST	X	X	X	X	X	3"
P-33	TRAP PRIMER (MECHANICAL TYPE)	X	X	1/2"	X	X	3"
P-34	DISPENSER BACKFLOW PREVENTER	X	1/2"	X	X	X	3"
P-35	FLOOR DRAIN	X	X	X	X	X	3"
P-36	BEVERAGE TOWER INDIRECT RECEIVER	X	X	X	X	X	3"
P-37	FLOOR DRAIN (ISOLATE TOP)	X	X	1/2"	X	X	3"
P-38	TEMPERED WATER CIRCULATING PUMP	X	X	1/2"	1/2"	X	X
P-39	PRESSURE REDUCING VALVE	X	X	2"	X	X	X
P-40	WIE STRAINER	X	X	X	X	X	X

NOTES: 1 REFER TO FOOD SERVICE DRAWINGS FOR KITCHEN EQUIPMENT INSTALLATION AND HOOK-UP RESPONSIBILITIES.  
 2 MANIFOLD POT SINK DRAINS TOGETHER.

Revisions: \_\_\_\_\_  
 Mark Date By \_\_\_\_\_

Seal \_\_\_\_\_

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Job No. : 10-0421  
 Store : 2367  
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 Drawn By :  
 Checked By :  
 Sheet

VERSION: S08N-104  
 V5-01  
 ISSUE DATE: 10-2010

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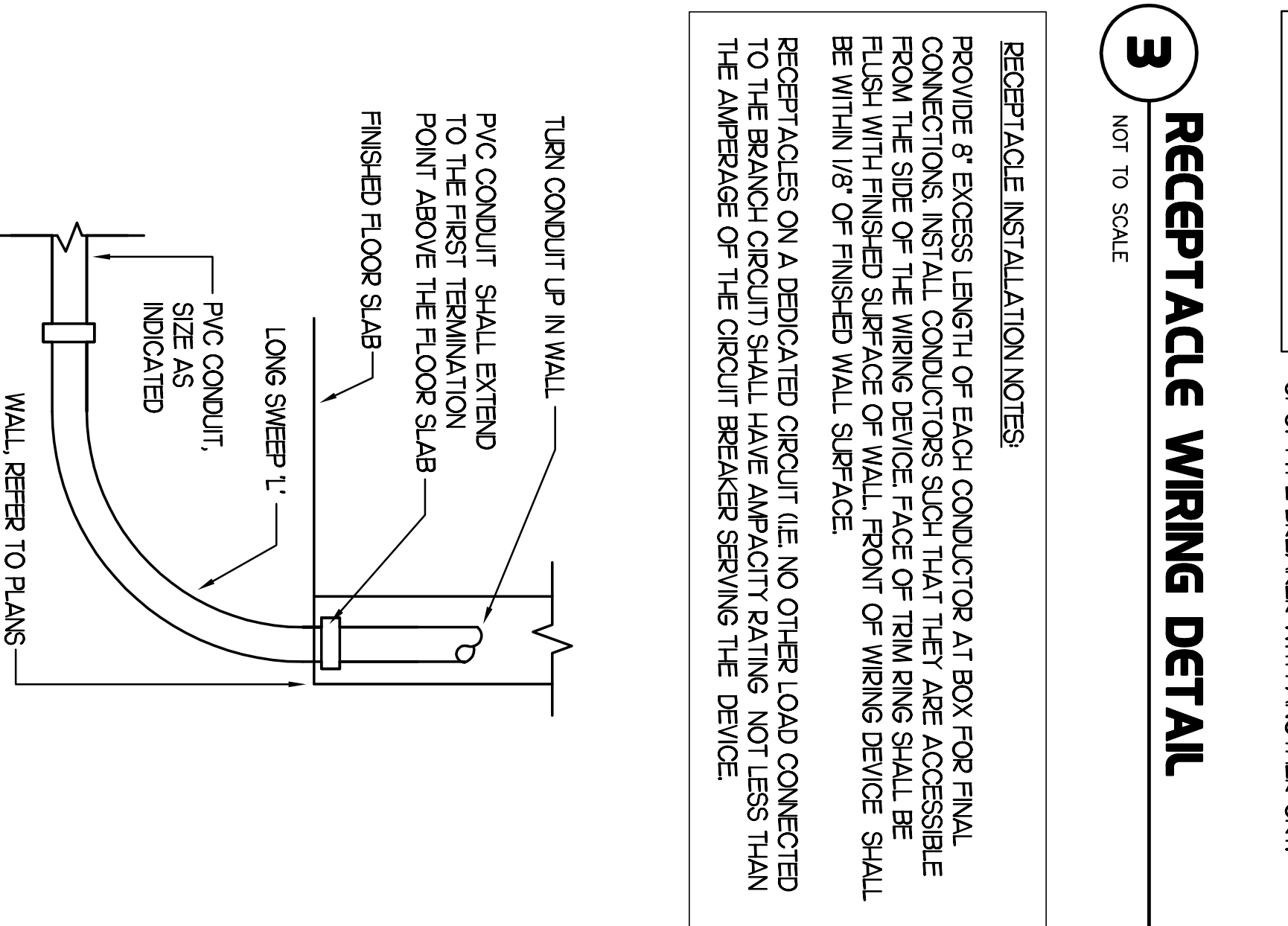
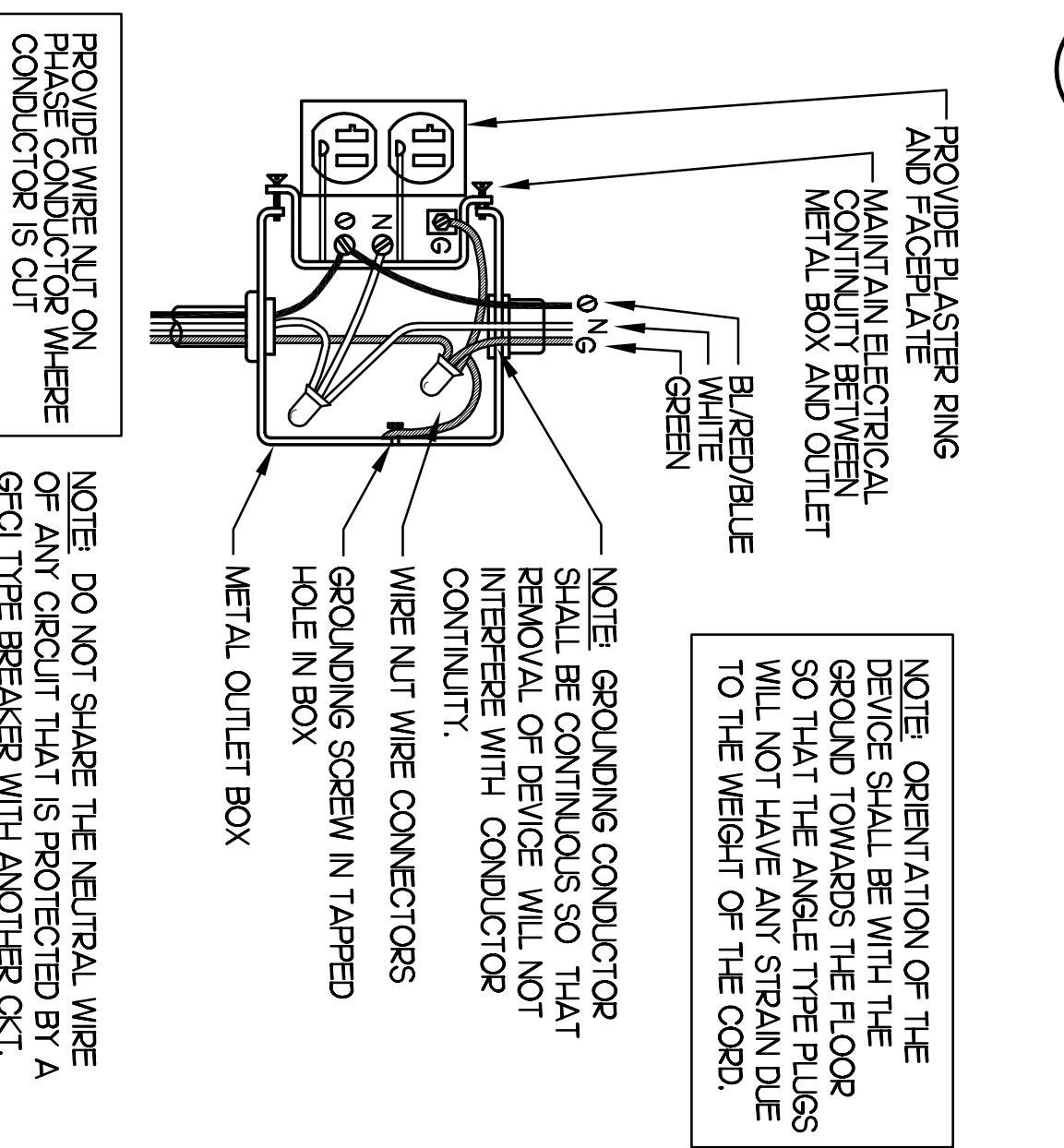
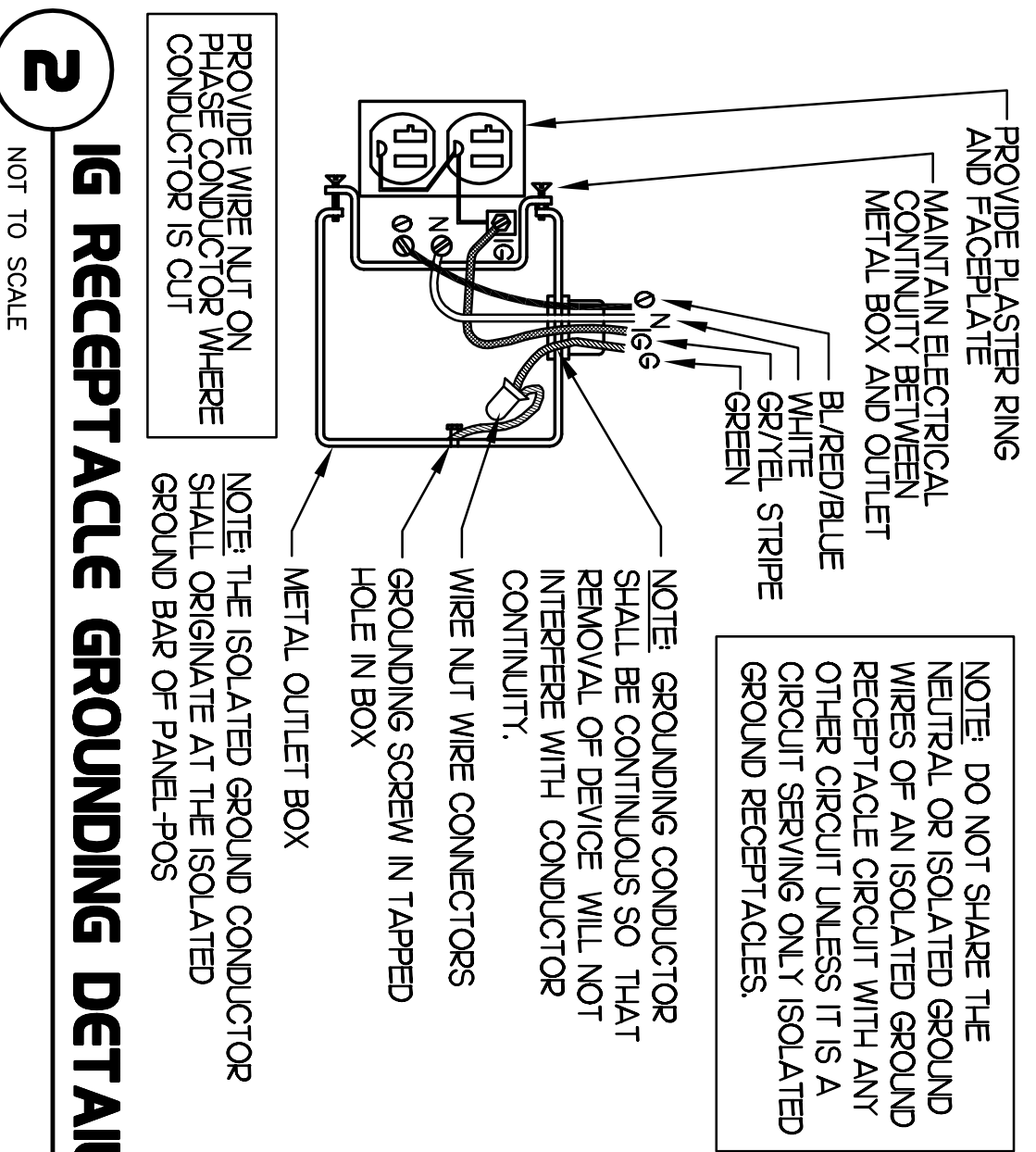
# 1 KITCHEN EQUIPMENT SCHEDULE - CHICK-FLA-508-V5 EDITION

VERIFY THE QUANTITY OF EACH EQUIPMENT ITEM WITH THE KITCHEN EQUIPMENT SCHEDULE ON SHEETS K2.1 AND K2.2

REQUIRES IG/GFCI WIRING	EQUIP. NO.	EQUIPMENT DESCRIPTION	ELECTRICAL LOAD			NEMA CONFIG	COOPER/ARROW HART (UON) RECP CAT. NO.	Wire/Conduit MARK NO.	COMMENTS AND REMARKS
			VOLTS	PH	WIRRS				
	180	ORDER REGISTER (POS)	120	1	2	5-20R	IG5362RN (ORANGE)	1-IG	
	182	RECEIPT PRINTER	120	1	2	5-20R	IG5362RN (ORANGE)	1-IG	
	183	ORDER MONITOR	120	1	2	5-20R	IG5362RN (ORANGE)	1-IG	
	190	DRIVE-THRU VIDEO MONITOR	115	1	2	5-15R	TR775W		
	211	FLY SYSTEM - KITCHEN AREA	115	1	2	5-15R	TR775W		
	212	FLY SYSTEM - DINING AREA	115	1	2	5-15R	TR775W		
	270	ANSUL FIRE SYSTEM	115	1	2	DIRECT			
	300X	DOUBLE BARREL ICE DREAM	208	3	3	15-30R	HUBBELL HBL8430A	2	PROVIDE HUBBELL HBL8421C ANGLE PLUG
	300g	MILKSHAKE DISPENSER	120	1	2	5-20R	1877 (SIMPLEX)	1	PROVIDE HUBBELL HBL8430C ANGLE PLUG
	305	TEA BREWER	120	1	2	5-20R	VF20	1	
	308	COFFEE BREWER	120/208	1	3	L14-30R	GM1430R	8	PROVIDE CORO AND TWIST-LOCK PLUG
	310	DOUBLE JUICE DISPENSER	115	1	2	5-20R	1877 (SIMPLEX)	1	
	315	DRINK TOWER	120	1	2	5-20R	GR20	1	
	318	CARBONATOR (1/3 HP)	120	1	2	5-20R	GR20	1	SPUT-WIRED RECEPTACLE
	380X	ICE MAKER	120/208	1	3	DIRECT		8	REMOTE CONDENSER FED FROM ICE MAKER
	400	REACH-IN FRY FREEZER	120	1	2	DIRECT		1	FIELD WIRE FOR DIRECT CONNECTION
	410	WALK-IN FREEZER DOOR HTR/LTG	120	1	2	DIRECT		1	REFER TO LIGHTING FLOOR PLAN
	410g	WI FREEZER CONDENSER	208	3	3	DIRECT		2	REFER TO LIGHTING FLOOR PLAN
	410b	WI FREEZER EVAP COIL	208	1	2	DIRECT		1	POWER FED FROM CONDENSER
	420	SINGLE UC REFRIGERATOR	120	1	2	5-20R	1877 (SIMPLEX)	1	
	421	DOUBLE UC REFRIGERATOR	120	1	2	5-20R	1877 (SIMPLEX)	1	
	431	REFRIGERATED WORK TABLE	120	1	2	5-20R	GM1520R	1	PROVIDE TWIST LOCK PLUG IN FIELD
	432	REFRIGERATED WORK TABLE	115	1	2	5-20R	GM1520R	1	PROVIDE TWIST LOCK PLUG IN FIELD
	440	BREADING TABLE	120	1	2	DIRECT		1	FIELD WIRE FOR DIRECT CONNECTION
	441	REFRIGERATED SALAD PREP	120	1	2	5-20R	GM1520R	1	PROVIDE TWIST LOCK PLUG IN FIELD
	442	REFRIGERATED DISPLAY	120	1	2	5-20R	GR20	1	
	443M	REACH-IN REFRIGERATOR	120	1	2	DIRECT		1	FIELD WIRE FOR DIRECT CONNECTION
	444	DOUBLE DOOR THAWING CABINET	120	1	2	DIRECT		1	
	444S	SINGLE DOOR THAWING CABINET	120	1	2	DIRECT		1	
	449	WALK-IN COOLER LIGHTING	120	1	2	DIRECT		1	REFER TO LIGHTING FLOOR PLAN
	449g	WI COOLER CONDENSER	208	3	3	DIRECT		3	
	449b	WI COOLER EVAP COIL	208	1	2	DIRECT		1	POWER FED FROM CONDENSER
	500	BUN WARMER-TOASTER	120	1	2	5-20R	VF20	1	
	501	SANDWICH TOASTER	120	1	2	5-20R	VF20	1	
	5050	STACKED CONNECTION OVENS	208	3	3	5-30R	24/12/15	9	PROVIDE ANGLED TYPE RECEPTACLE/PLUG DEVICE.
	5056	GRIDDLE TOP CONNECTION OVEN	208	3	3	5-30R	47.1/47.1/50	17	PROVIDE 6 FT CORO AND ANGLE PLUG
	521	WARNING EYES	208	1	3	3-30R	18.8	8	PROVIDE 6 FT CORO AND PLUG
	522	OPEN FRYER - ELECTRIC	208	3	3	NOTE 3	61.0	22	PLUG AND CORO-SET PROVIDED W/ EQUIP
	523	PRESSURE FRYER - ELECTRIC	208	3	3	15-50R	38.0	14	PLUG AND CORO-SET PROVIDED W/ EQUIP
	524	CHAF-GRILL	208	3	3	15-50R	HUBBELL HBL8450A	14	REPLACE PLUG ON CORO-SET IN FIELD
	550	DOUBLE WARNING DRAWER	120	1	2	DIRECT		1	
	560	FRY HOLDING STATION	120	1	2	5-20R	VF20	1	
	561	BUILT-IN HEAT LAMP	120	1	2	5-20R	VF20	1	
	562	COUNTER TOP HEAT LAMP	120	1	2	5-20R	GM1520R	1	PROVIDE TWIST LOCK PLUG IN FIELD
	563	SANDWICH SLIDE	120/208	1	3	L14-20R	GM1420R	2	
	564	PRODUCT HOLDING CABINET	120	1	2	5-20R	VF20	1	
	565	SINGLE FOOD WARMER	120	1	2	5-20R	VF20	1	
	580	BISCUIT HOLDING CABINET	120	1	2	5-20R	GM1520R	1	PROVIDE TWIST LOCK PLUG IN FIELD
	600	FLOOR MIXER	115	1	2	5-20R	GM1520R	1	PROVIDE TWIST LOCK PLUG IN FIELD
	601	1 HP FOOD CUTTER	115	1	2	5-20R	GM1520R	1	PROVIDE TWIST LOCK PLUG IN FIELD
	606	JUICER WORK STATION	115	1	2	5-20R	VF20	1	PROVIDE TWO GF DUPLEX RECEPTACLES
	650	TV/DVD MONITOR	120	1	2	5-20R	GR20	1	
	669	OFFICE SAFE (SMART SAFE)	120	1	2	5-20R	GR20	1	
	671	SMALL MENU BOARD	115	1	2	5-20R	GR20	1	

SEE RECEIPT. WIRING DEVICE PACKAGE (INCLUDING SWITCHES) SHALL BE PURCHASED AS A PART OF A NATIONAL ACCOUNTS PROGRAM THROUGH GEXPRO (FORMERLY GE SUPPLY). CONTACT WAYNE SANDERS AT 770-840-4178 (EMAIL: WAYNE.SANDERS@GEXPRO.COM)

NOTE 1: ALL SO CORO LENGTHS SHALL BE MEASURED FROM THE REAR OF THE EQUIPMENT TO THE END OF THE CORO.  
 NOTE 2: CONTRACTOR SHALL PROVIDE GROUND-FAULT PROTECTION FOR ALL 120 VOLT 15 AMP AND 20 AMP RECEPTACLES IN THE KITCHEN / FOOD PREPARATION AREAS. GROUND-FAULT PROTECTION SHALL BE PROVIDED AT THE RECEPTACLE AS A GFCI TYPE RECEPTACLE UNLESS NOTED OTHERWISE ON THE PLANS WHERE A GFCI TYPE BREAKER IS INDICATED.  
 NOTE 3: A RECESSED PIN & SLEEVE BOX IS PROVIDED WITH THE EXHAUST HOOD PACKAGE AND INSTALLED BY THE CONTRACTOR. THE P&S BOX INCLUDES THE "SLEEVE" RECEPTACLES FOR THE OPEN FRYGERS. THE OPEN FRYER SUPPLIER WILL PROVIDE PRE-WIRED COROSET WITH A "PIN" DEVICE INTEGRAL WITH THE OPEN FRYER TO PLUG INTO THE "SLEEVE" RECEPTACLE.  
 NOTE 4: WIRE NUMBER INDICATED DOES NOT INCLUDE THE REQUIRED GREEN EQUIPMENT GROUND CONDUCTOR OR, WHEN APPLICABLE, THE STRIPED IG CONDUCTOR.  
 NOTE 5: PROVIDE GFCI TYPE BRANCH BREAKER FOR KITCHEN/FOOD PREPARATION AREA RECEPTACLES THAT ARE LOCKING, CLOCK, SPLIT-WIRED, DROP CORO, OR IG TYPE. (VERIFY IF THE SERVING AREA IS DENIED AS A FOOD PREP AREA PER LOCAL CODE.)  
 NOTE 6: REFER TO THE CONDUIT AND CONDUCTOR SCHEDULE FOR THE WIRE/CONDUIT MARK NUMBER AND THE MINIMUM WIRE AND CONDUIT SIZE FOR EACH EQUIPMENT ITEM.  
 NOTE 7: PROVIDE ANGLED TYPE RECEPTACLE DEVICE.



NEMA 5-15R	NEMA 5-20R	NEMA L5-20R	NEMA L14-20R	NEMA L14-30R	NEMA 14-30R	NEMA 14-30R	NEMA 15-20R	NEMA 15-20R	NEMA 15-30R	NEMA 15-60R
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5200 Buffington Rd,  
Atlanta Georgia,  
30349-2998

Revisions:  
 04-07-11 TV  
 SITS OWNER REVISIONS  
 05/09/11  
 OWNER REVIEW COMMENTS  
 07-01-11 TV  
 SITS OWNER REVISIONS

Scale: \_\_\_\_\_

AA 003420  
CA 8660

604 COURTLAND STREET  
SUITE 100  
ORLANDO, FLORIDA 32838  
PH 407.645.5008  
FX 407.629.9124

FRANK TRAHAN, P.E.  
FLORIDA LIC. #FE-19197

**INTERPLAN**  
ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

3445 SW COLLEGE RD  
OCALA, FL 34474

STREET: Ocala, FL  
FSU 508

VERSION: S08N-104  
V5-01  
ISSUE DATE: 10-2010

Job No.: 10.0421  
Store: 2867  
Date: 12/2010  
Drawn By: \_\_\_\_\_  
Checked By: \_\_\_\_\_  
Sheet: \_\_\_\_\_

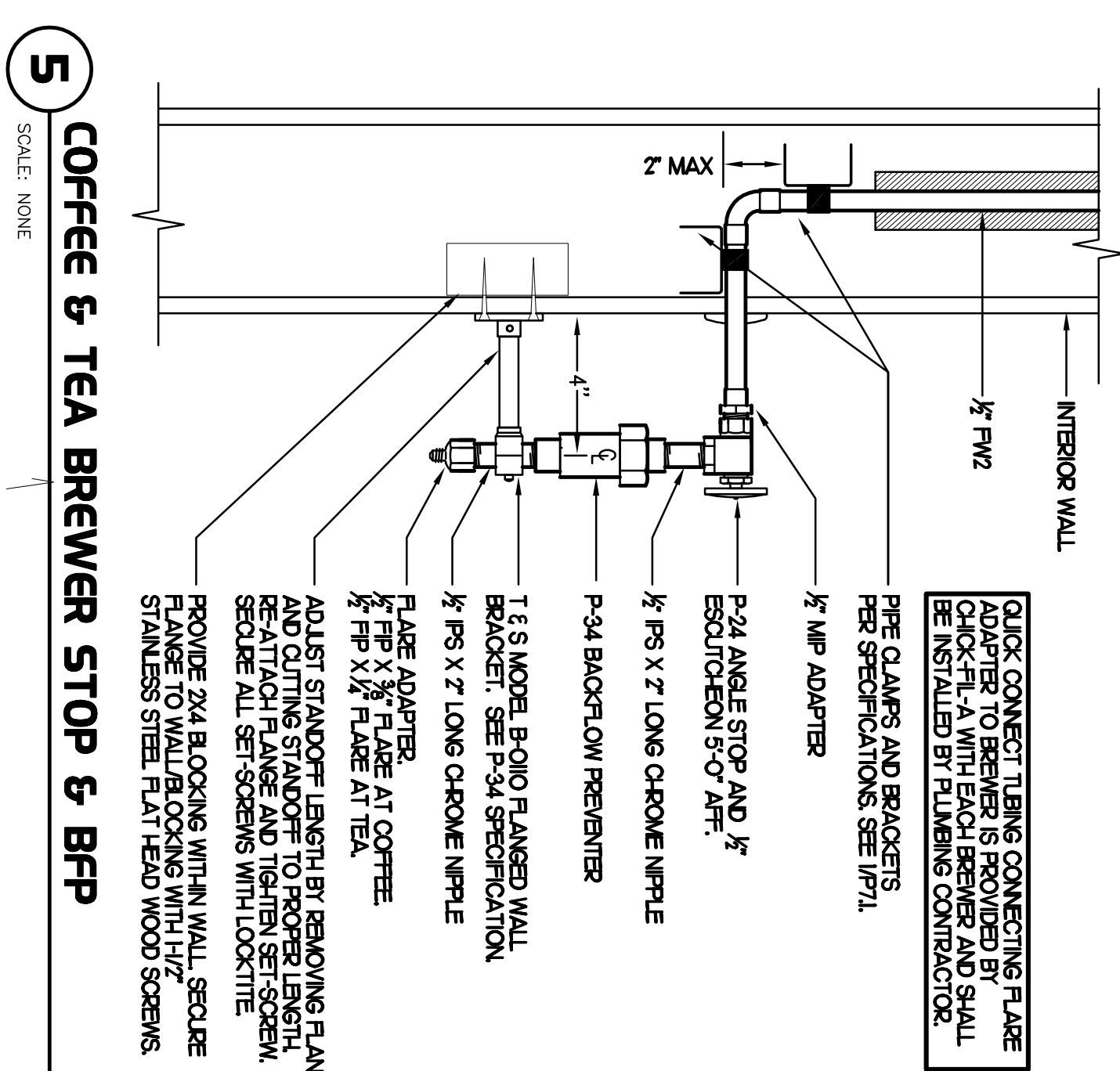
### 3. BEVERAGE CONDUIT NOTES

- 1 ROUTE BEVERAGE SYSTEM PIPING OVER-HEAD FROM THE BEVERAGE RACK TO DRINK TOWERS IN TWO 2'-4" SCH 40 PVC CONDUITS. ALL CONDUITS SHALL BE HELD TIGHT TO STRUCTURE AND SUPPORTED WITH THREADED ROD AND CLEVIS LAGNERS AT INTERVALS SHOWN IN SPECIFICATIONS FOR HORIZONTAL OVER-HEAD PIPING. COORDINATE ROUTING WITH THE GENERAL CONTRACTOR TO AVOID MECHANICAL AND ELECTRICAL SYSTEMS.
- 2 COORDINATE ROUTING OF ALL CONDUITS WITH HVAC DUCT IN KITCHEN. SEE SHEET MUI FOR LOCATION OF AC UNITS AND DUCT ROUTING.
- 3 TURN THE 4" CONDUIT DOWN THROUGH THE CEILING AT THE BEVERAGE RACK AND PROVIDE CHROMED ESCUTCHEONS AT CEILING PENETRATION. TERMINATE OPPOSITE END ABOVE CEILING OVER SERVING AREA WHERE SHOWN ON PLANS.
- 4 ROUTE 7" BULK CO2 CONDUIT OUT THRU EXTERIOR WALL 1'-0" FROM POOR JAMB AND 5'-0" AFF. PROVIDE CHROME ESCUTCHEON AT SERVICE YARD WALL WITH 45 DEGREE ELBOW TIGHT TO ESCUTCHEON AND DIRECTED DOWNWARD. TERMINATE INTERIOR END OF CONDUIT 6" ABOVE MULTI-PURPOSE ROOM CEILING WITH 90 DEGREE ELBOW AND 6" STUB EXTENDING PAST THE FACE OF STUDS. EXTEND SECOND 2" CONDUIT FROM WITHIN 1'-0" OF 6" STUB ABOVE CEILING, TERMINATING ABOVE THE GASBORNAIRS.
- 5 AT 4" CONDUIT DROPS IN DRIVE-THRU AND SERVING AREA, PROVIDE STREET 1/8" BEND FITTINGS CUT FLUSH WITH FINISHED WALL.

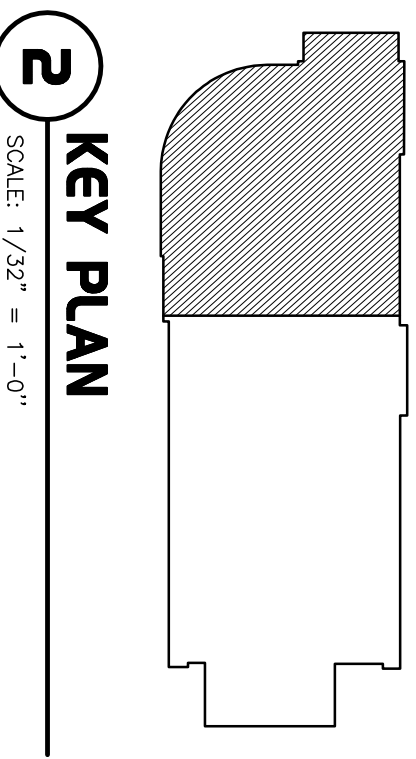
### 4. HELIUM GAS PIPING NOTES

- 1 HELIUM PIPING FITTINGS AND EQUIPMENT SHALL BE WESTERN WESTWINDS OR EQUAL. MODEL NUMBERS LISTED HERE ARE WESTERN WESTWINDS PHONE # 1-800-789-9590.
- 2 HELIUM TANK SHALL BE PROVIDED BY CHECK-FIL-A THROUGH LOCAL COMPRESSED GAS VENDOR. PLUMBER SHALL COORDINATE INITIAL DELIVERY AND INSTALLATION OF TANK WITH GENERAL CONTRACTOR/LOCAL STORE OPERATOR AND CHECK-FIL-A CONSTRUCTION MANAGER. GENERAL CONTRACTOR TO PROVIDE SHEET CHAIN AT TANK PER TANK PROVIDER RECOMMENDATION.
- 3 UTILIZE 7" PVC CO2 CONDUIT FOR ROUTING HELIUM HOSE FROM SERVICE YARD TANK INTO SPACE ABOVE MULTI-PURPOSE ROOM CEILING. COORDINATE HELIUM HOSE INSTALLATION WITH CO2 HOSE INSTALLATION. HELIUM HOSE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR. CO2 HOSE PROVIDED AND INSTALLED BY SOFT DRINK SYSTEM INSTALLER.
- 4 HELIUM GAS PIPING SHALL BE PER-30X1 REXBOND HELIUM HOSE. CO2 IN WESTERN WESTWINDS NOTES NUMBER INDICATES HOSE LENGTH AND SHALL BE DETERMINED BY THE PLUMBING CONTRACTOR BASED ON FIELD CONDITIONS. ROUTE HOSE FROM HELIUM TANK REGULATOR TO JBOX AT BREAK AREA. SLUDGE MOUNT HOSE TIGHT TO SERVICE YARD WALL. ROUTE HOSE ABOVE CEILING FROM CONDUIT STUB TO MULTI-PURPOSE AREA ROUTE WITHIN WALL IN MULTI-PURPOSE AREA. SEE 6P22. SECURE HOSE TO WALLS AND ROOF JOISTS WITH RUBBER INSTALLED PIPE CLAMPS EQUAL TO GARAGE/BROWER MODEL PER-950 SPACED 3'-0" ON CENTER. TERMINATE HOSE AT HELIUM TANK 3'-0" AFF WITH 9'-0" OF SLACK AT HOSE END FOR CONNECTION TO REGULATOR.
- 5 PROVIDE WESTWINDS MODEL "B1-94T" REGULATOR FOR INSTALLATION ON HELIUM TANK. COORDINATE DELIVERY OF INITIAL TANK ORDER WITH GENERAL CONTRACTOR AND CHECK-FIL-A PROJECT MANAGER TO ENSURE TANK IS ON SITE WHEN REGULATOR IS INSTALLED. MOUNT REGULATOR ON TANK AND SET PRESSURE AT 100 PSIG. CONNECT HELIUM HOSE TO REGULATOR. HELIUM TANK IS ON SITE WHEN REGULATOR IS INSTALLED. MOUNT REGULATOR AND LEAK TEST PRIOR TO DELIVERY OF INITIAL HELIUM TANK.
- 6 METAL 2x4 JOBBY WITH WESTWINDS MODEL "TV" TILT VALVE AS SHOWN ON DETAIL 6P22. ENSURE TILT VALVE AND HOSE INSTALLATION IS COMPLETE AND LEAK TESTED PRIOR TO DELIVERY OF INITIAL HELIUM TANK.
- 7 CONNECTION AT TILT VALVE AND AT REGULATOR SHALL BE VIA FACTORY APPLIED HOSE END CONNECTIONS. HOSE SHALL NOT BE CUT OR SPLICED.
- 8 PROVIDE PIPE LABELS AT A MINIMUM OF 10'-0" INTERVALS STATING "HELIUM 100 PSIG. MARKERS SHALL BE SET ON 29/34 OR EQUAL.

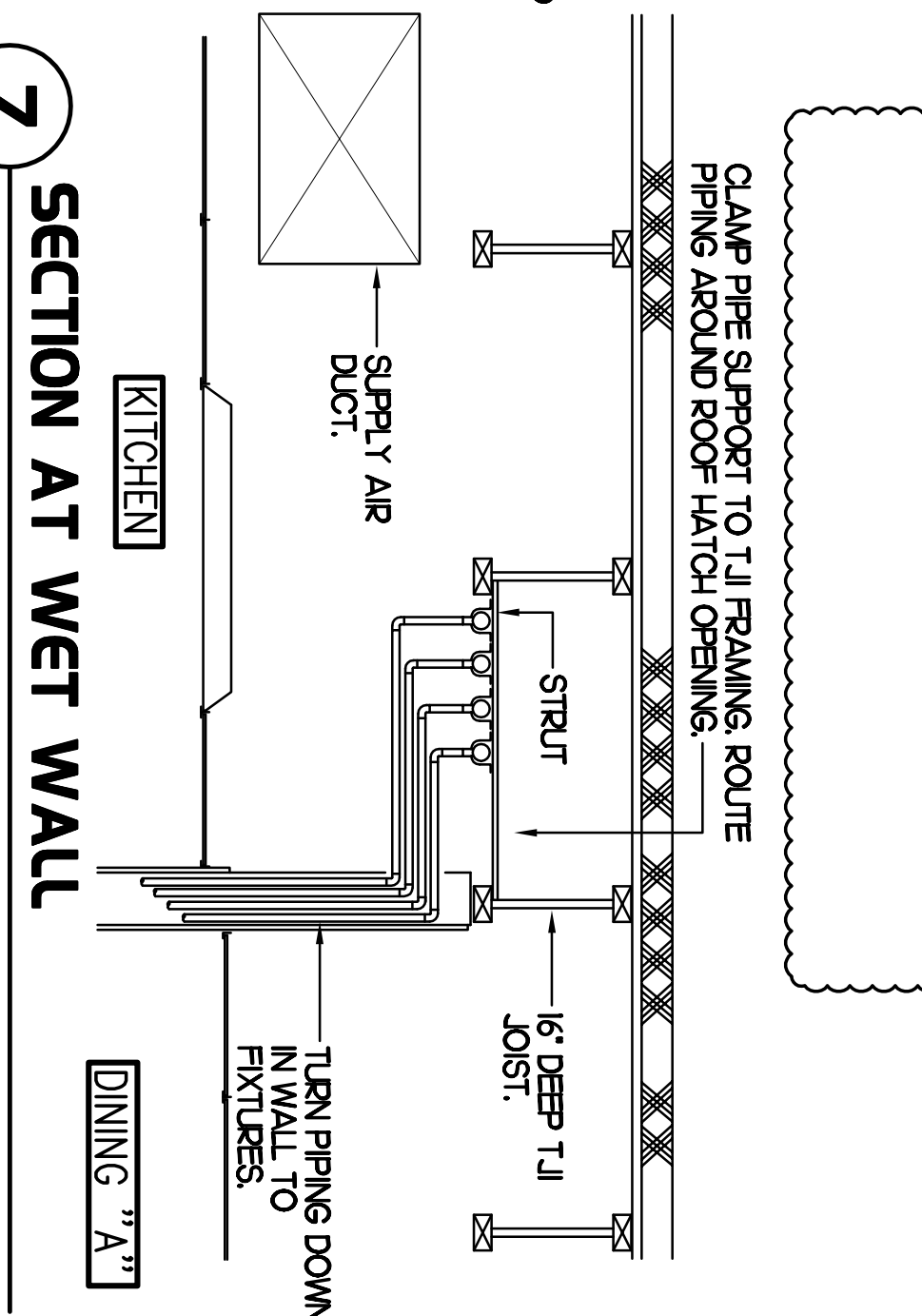
### 5. COFFEE & TEA BREWER STOP & BFP



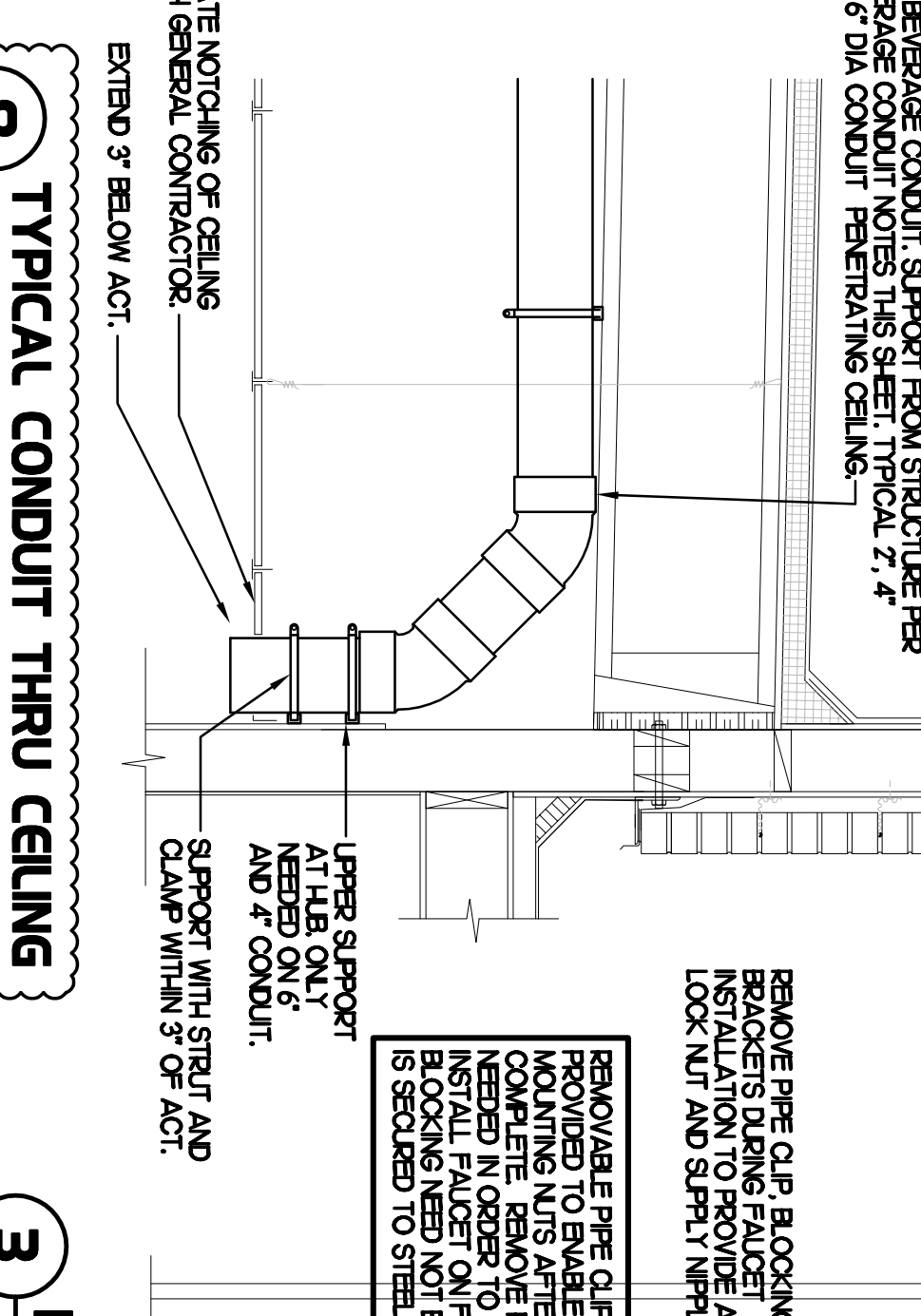
### 2. KEY PLAN



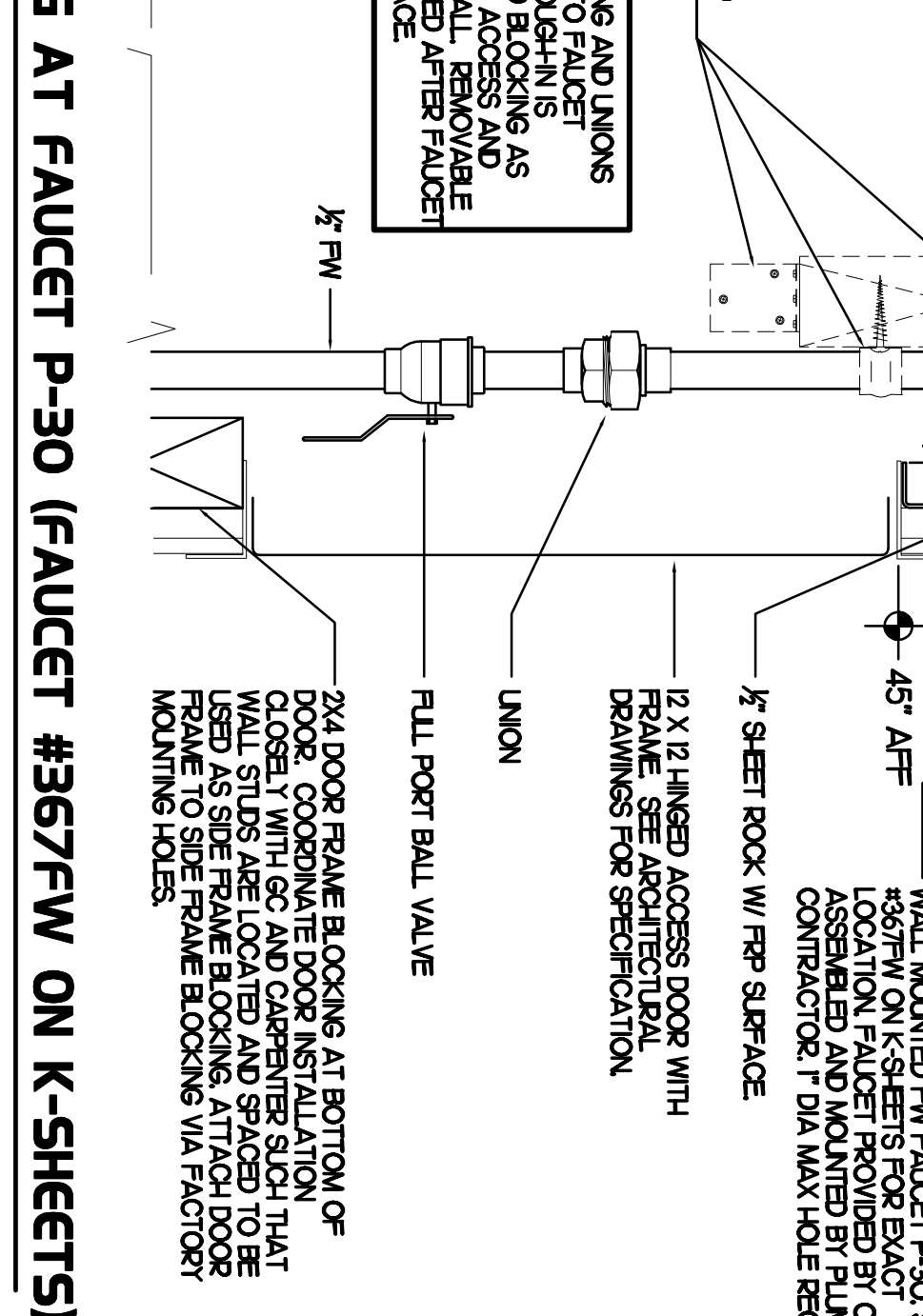
### 6. HELIUM TILT-VALVE AT WALL



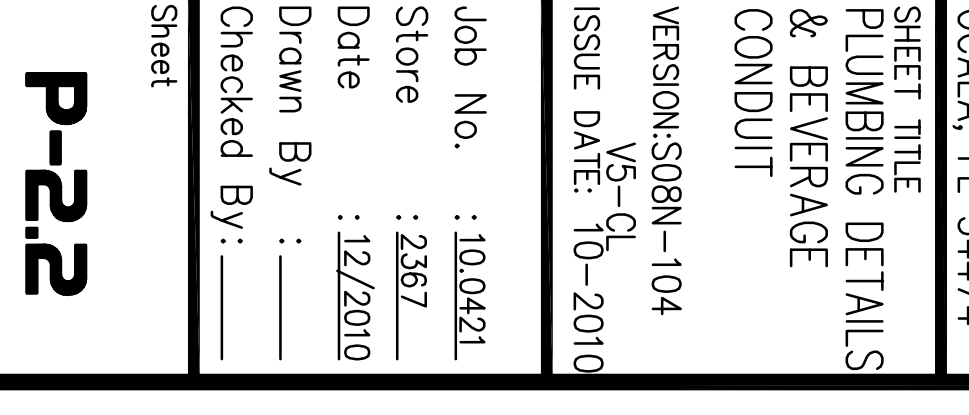
### 7. SECTION AT WET WALL



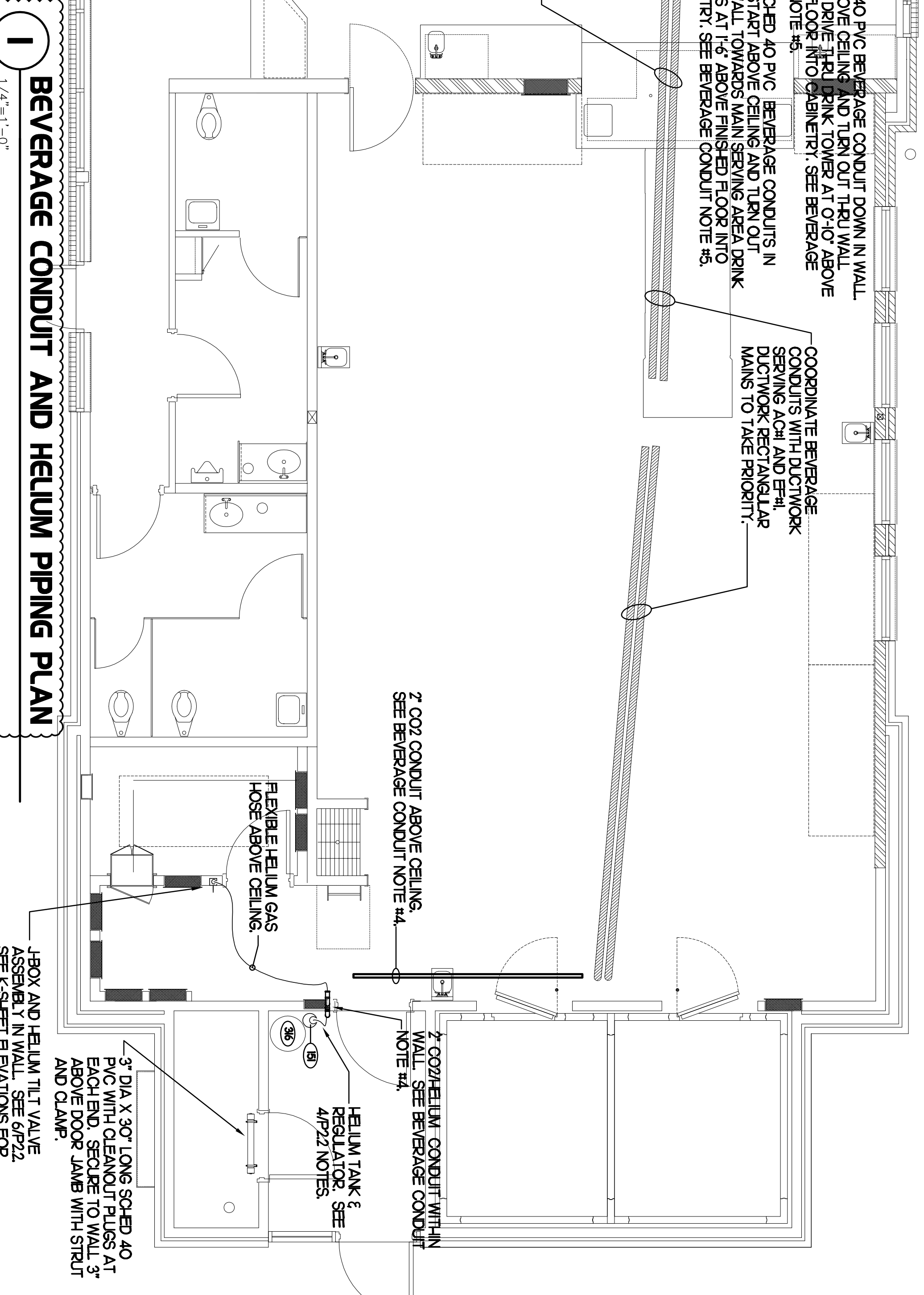
### 8. TYPICAL CONDUIT THRU CEILING



### 3. PIPING AT FAUCET P-30 (FAUCET #367FW ON K-SHEETS)



### 1. BEVERAGE CONDUIT AND HELIUM PIPING PLAN



**INTERPLAN**  
ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

AA 003420  
CA 8660  
604 COURTLAND STREET SUITE 100  
ORLANDO, FL 32812  
ORLANDO, FL 32812  
FL 407.645.5008  
FL 407.629.9124

STORÉ  
OCALA, FL  
FSU S08

3445 SW COLLEGE RD  
OCALA, FL 34474

SHEET TITLE  
PLUMBING DETAILS  
& BEVERAGE  
CONDUIT

VERSION: S08N-104  
ISSUE DATE: 10-2010  
V5-01

Job No.: 10.0421  
Store: 2867  
Date: 12/2010  
Drawn By: \_\_\_\_\_  
Checked By: \_\_\_\_\_  
Sheet

Revisions:

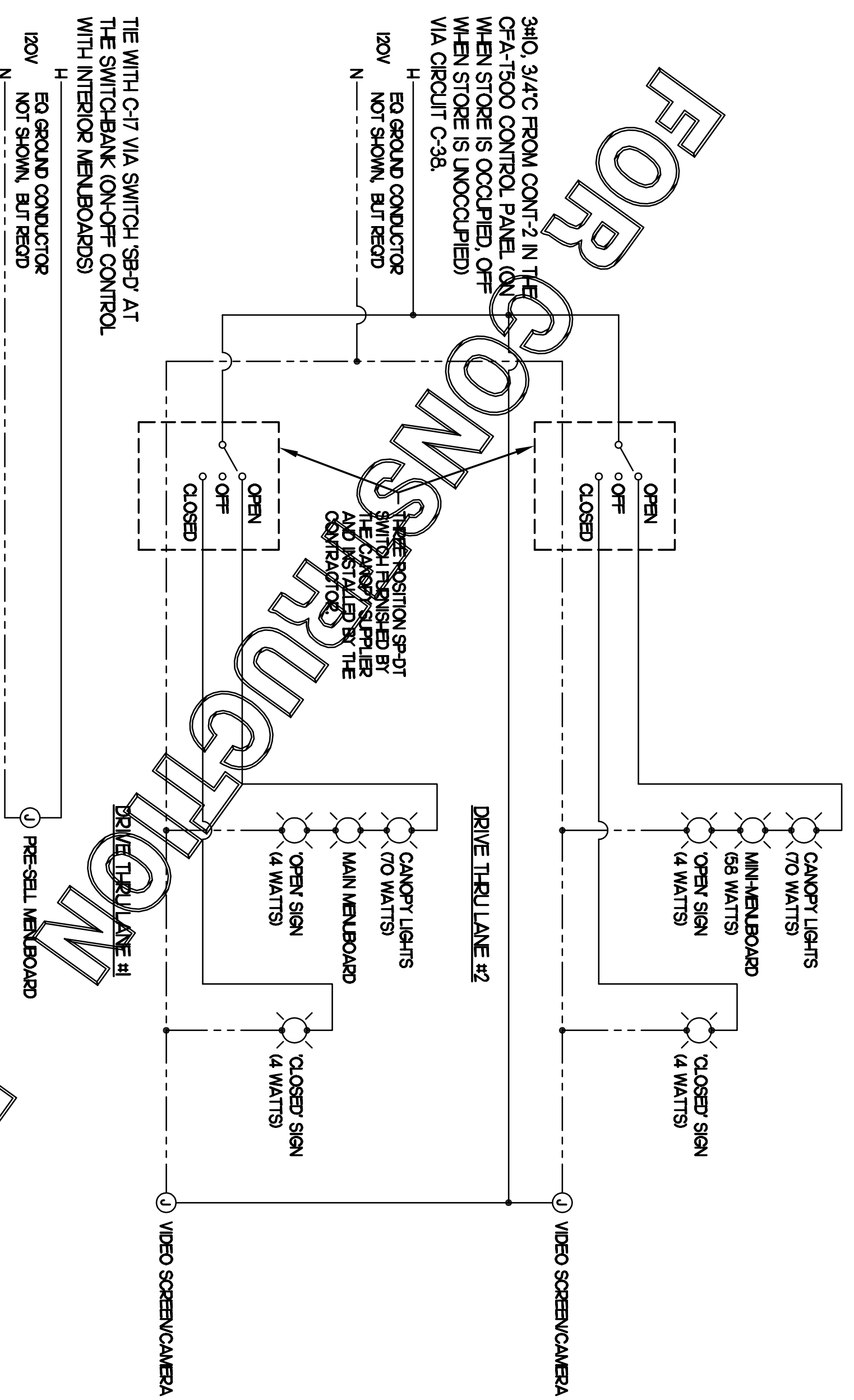
Work	Date	By
2	04-07-11	TV
4	05-09-11	TV
5	07-01-11	TV
6		TV

Owner Review Comments

Owner Revisions

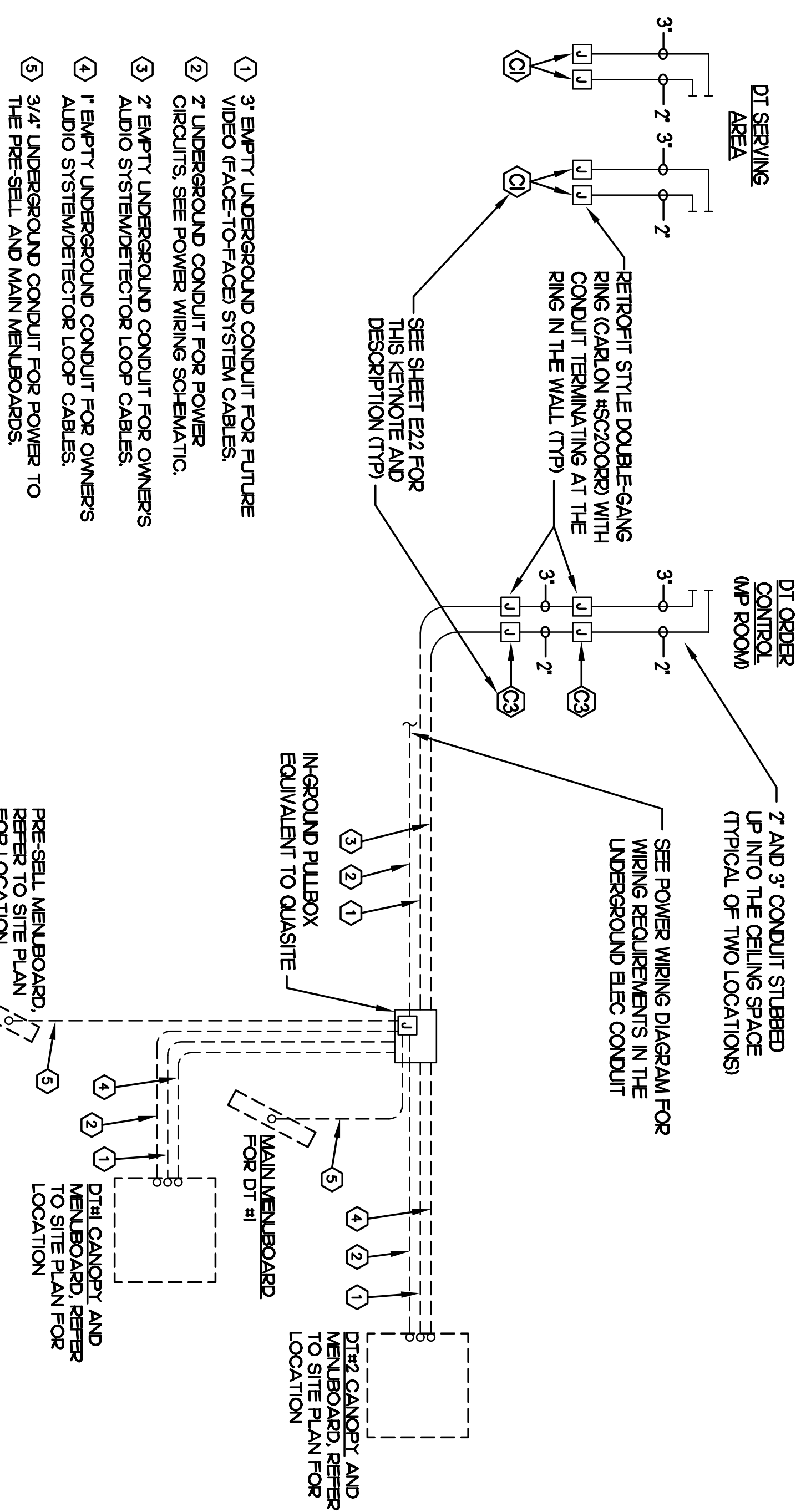
5200 Buffington Rd,  
Atlanta Georgia,  
30349-2998

**Chick-My**



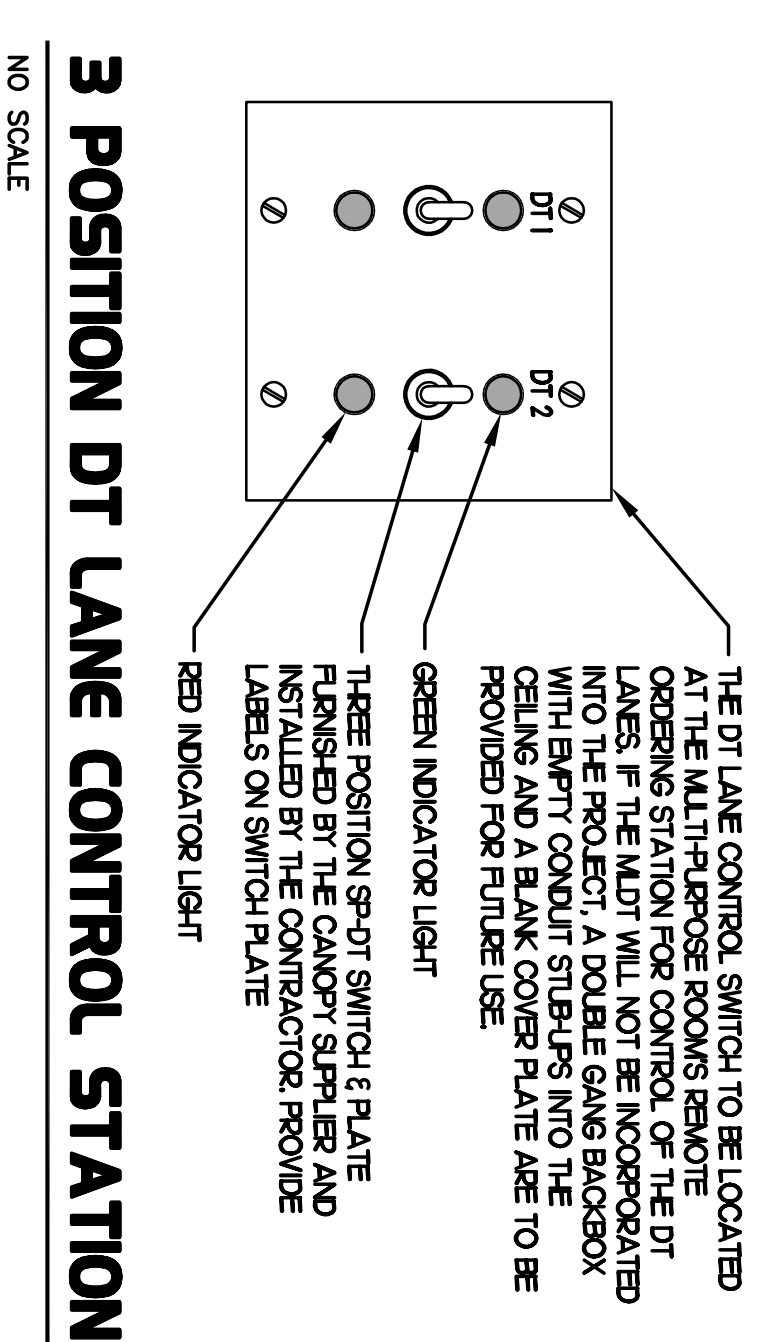
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NO SCALE



**MULTI-LANE DRIVE-THRU ORDER AREA CONDUIT REQUIREMENTS**

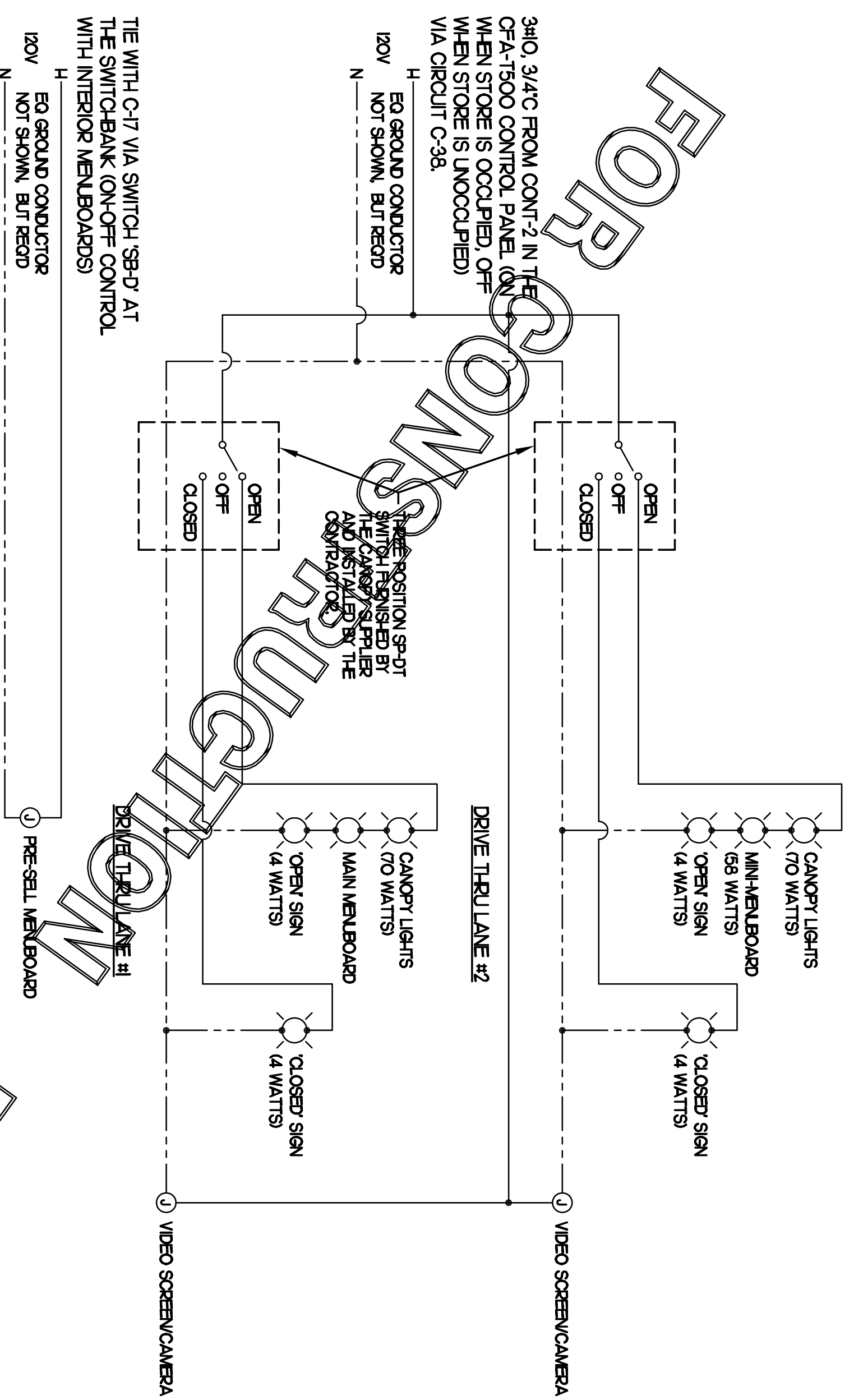
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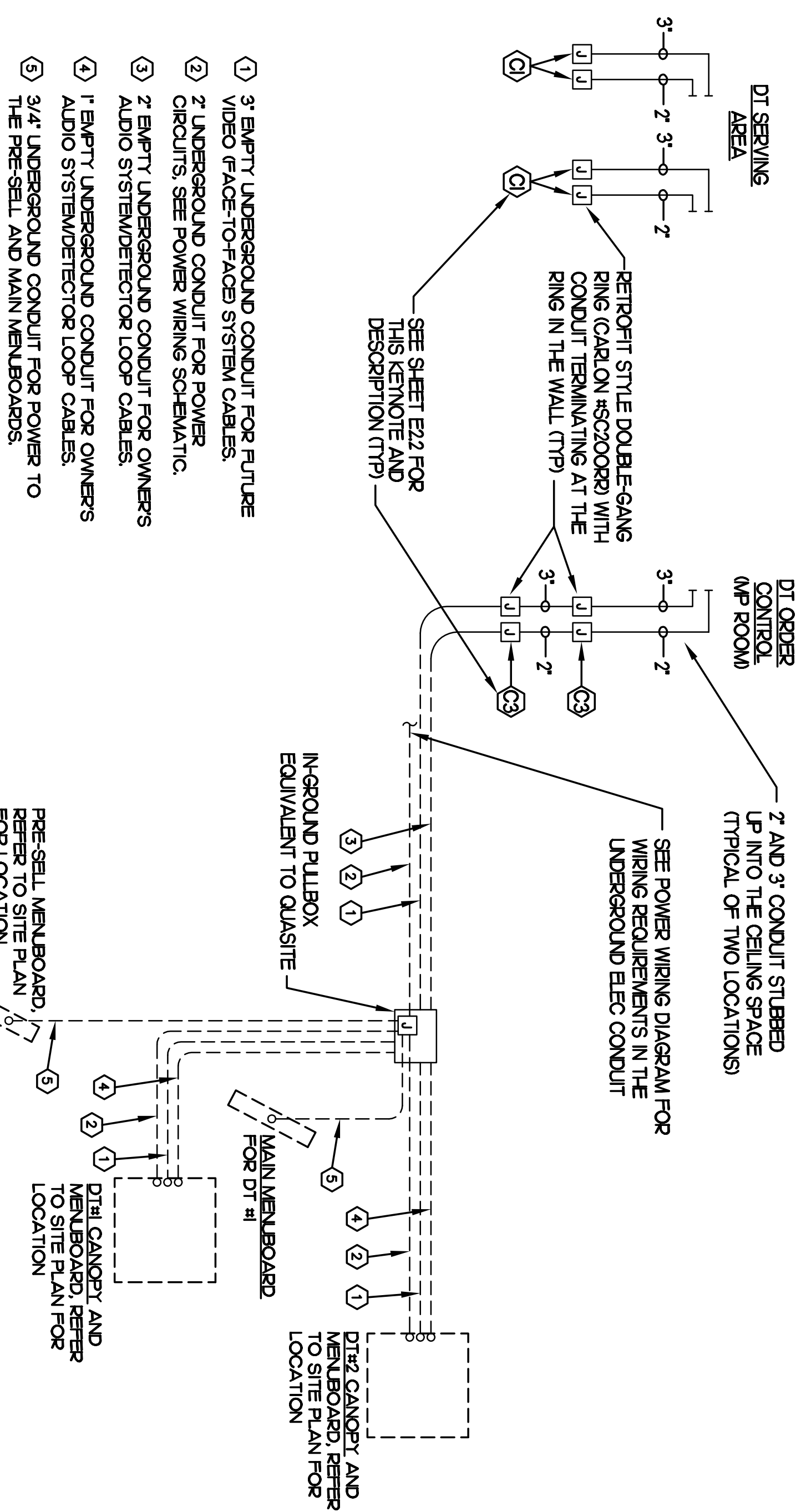
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**MULTI-LANE DRIVE-THRU (MLDT) ORDER STATION REQUIREMENTS**



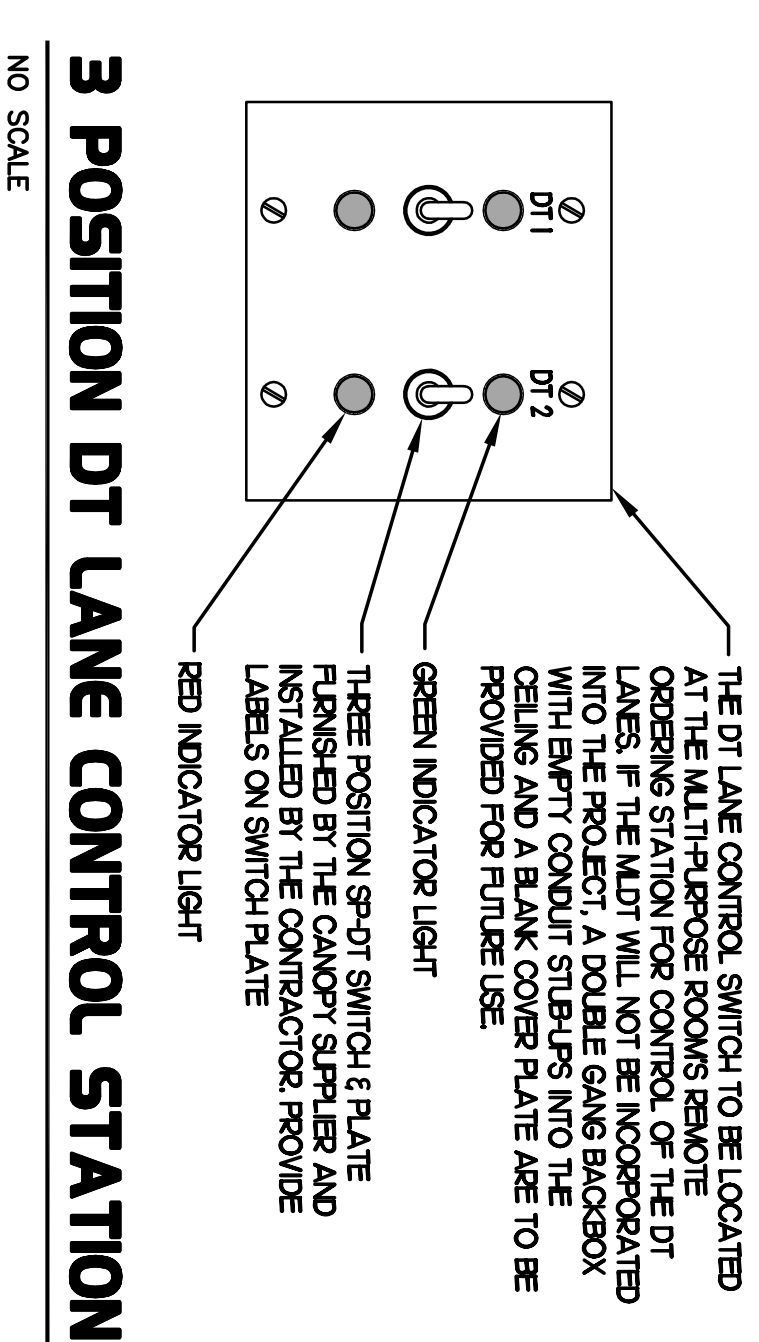
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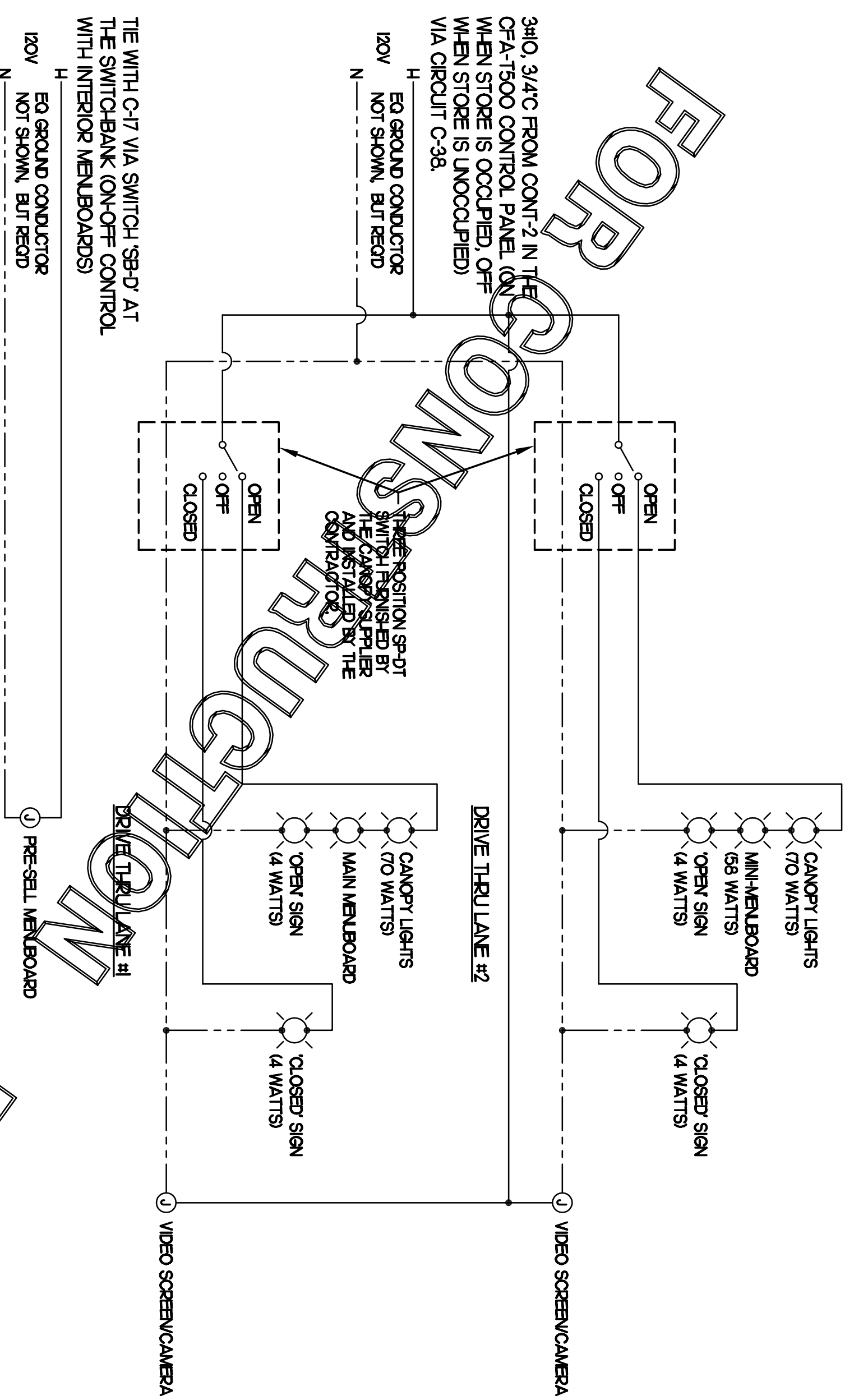
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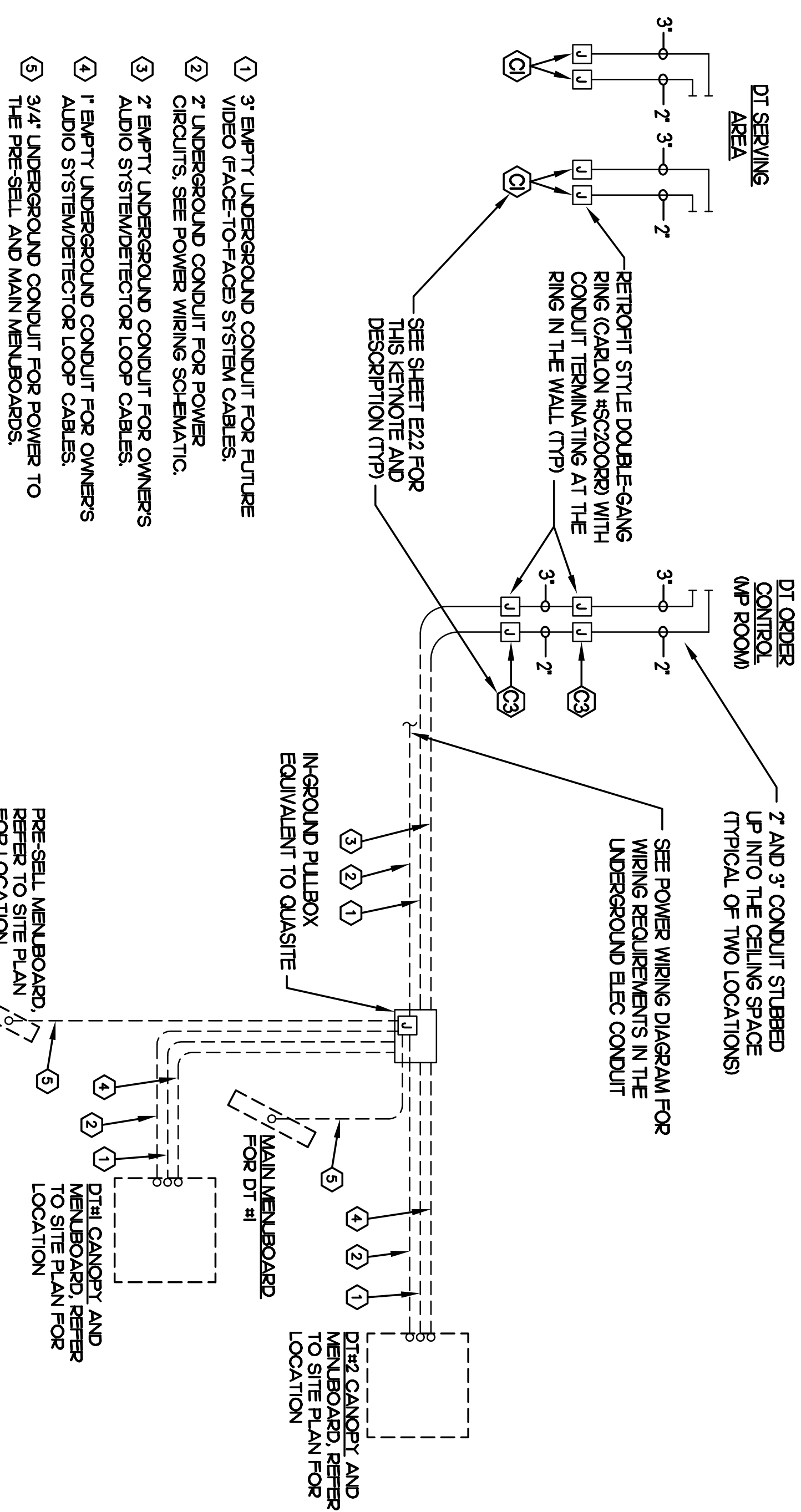
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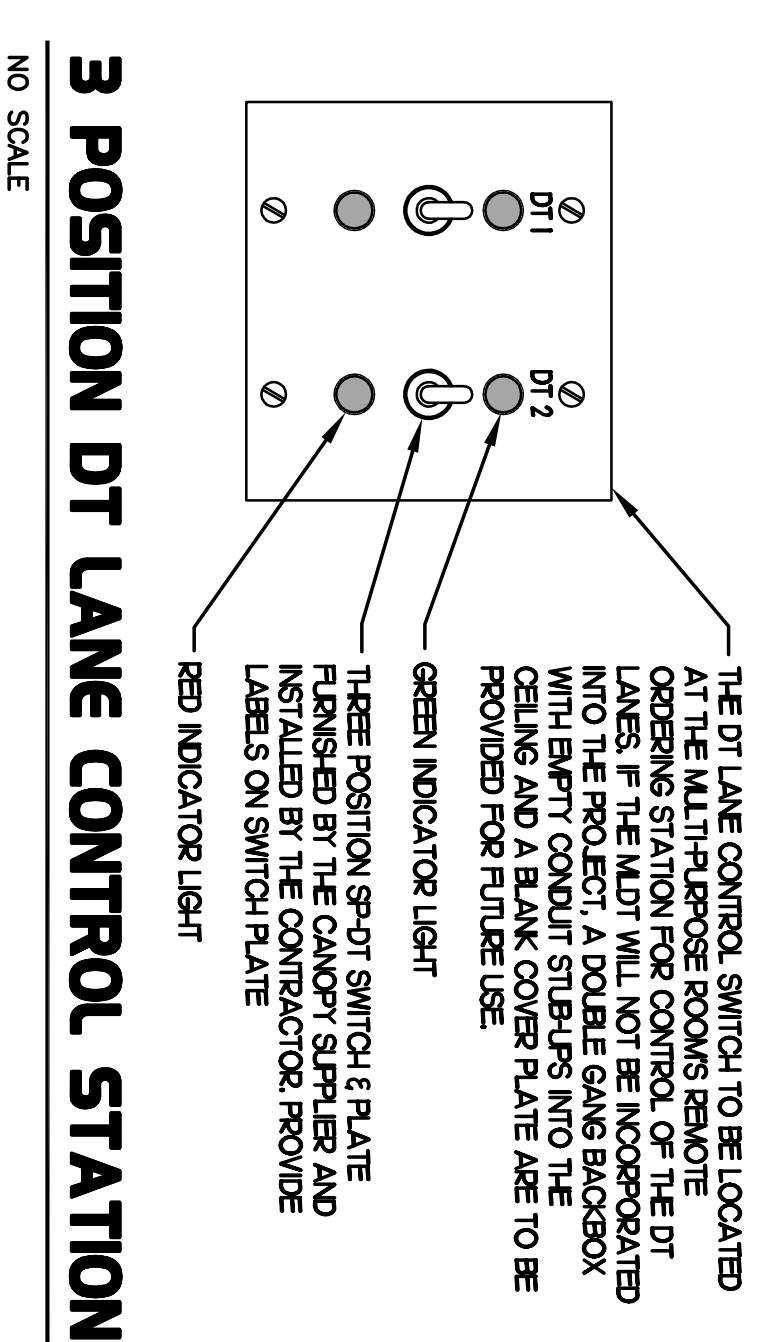
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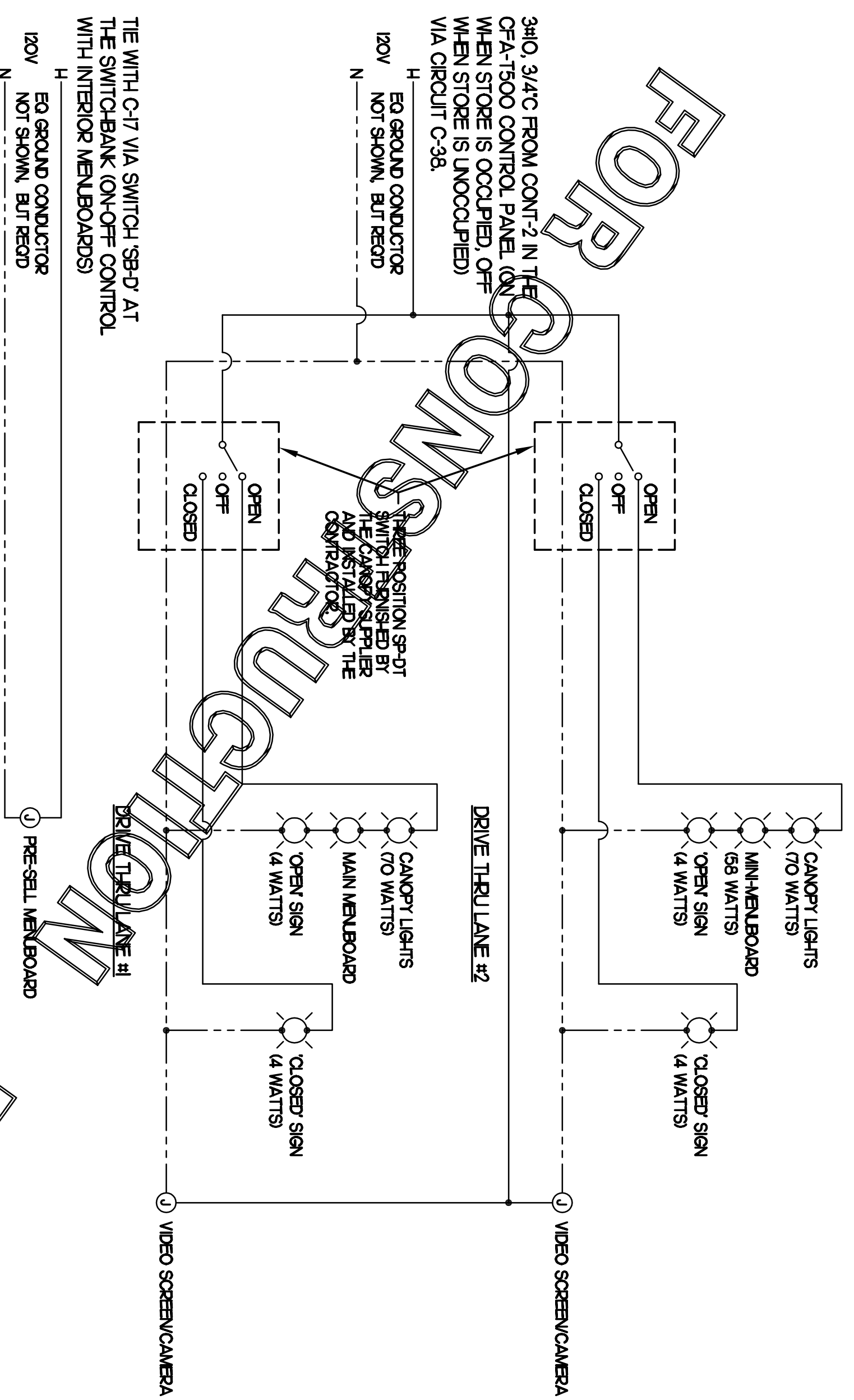
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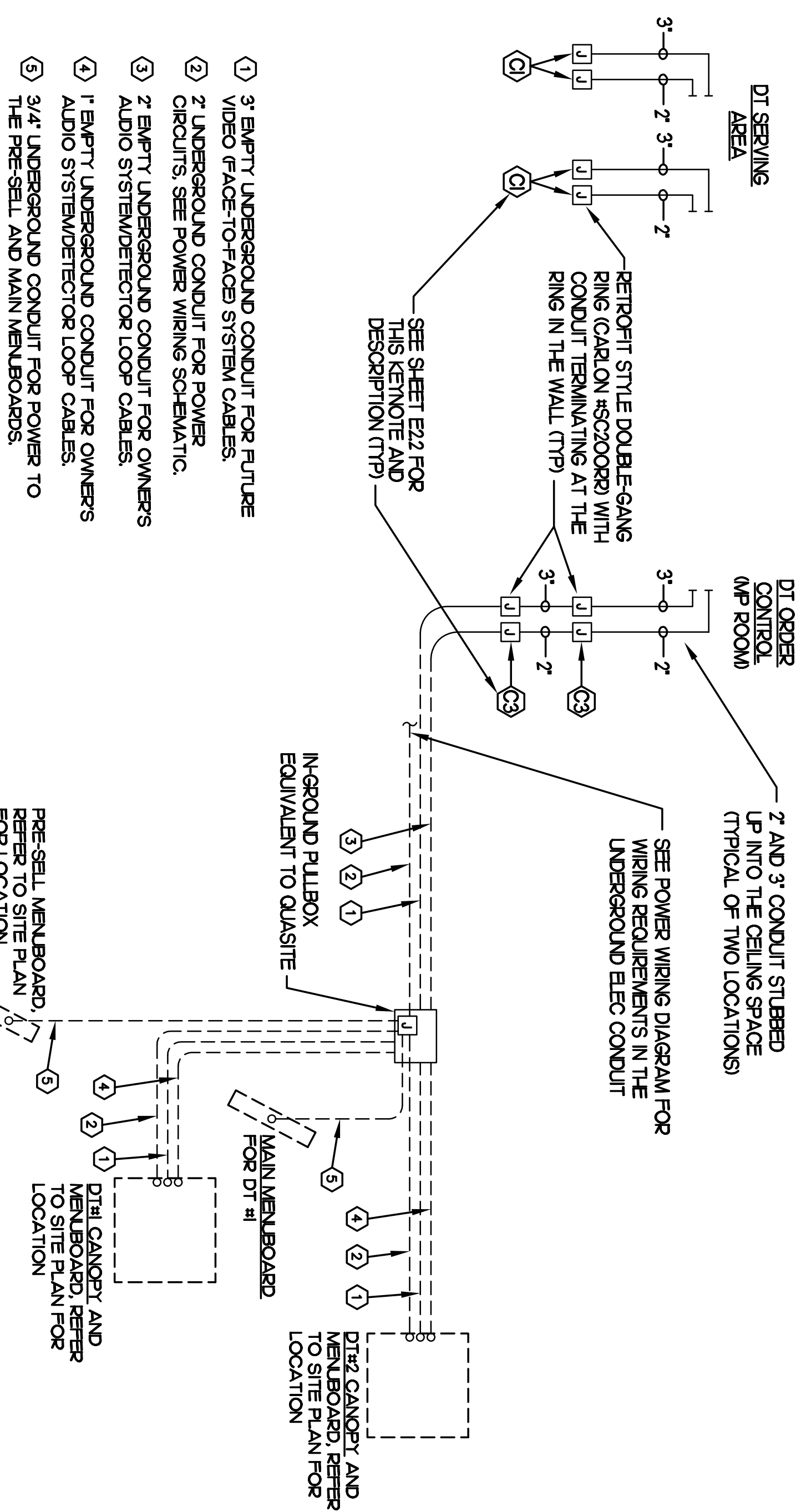
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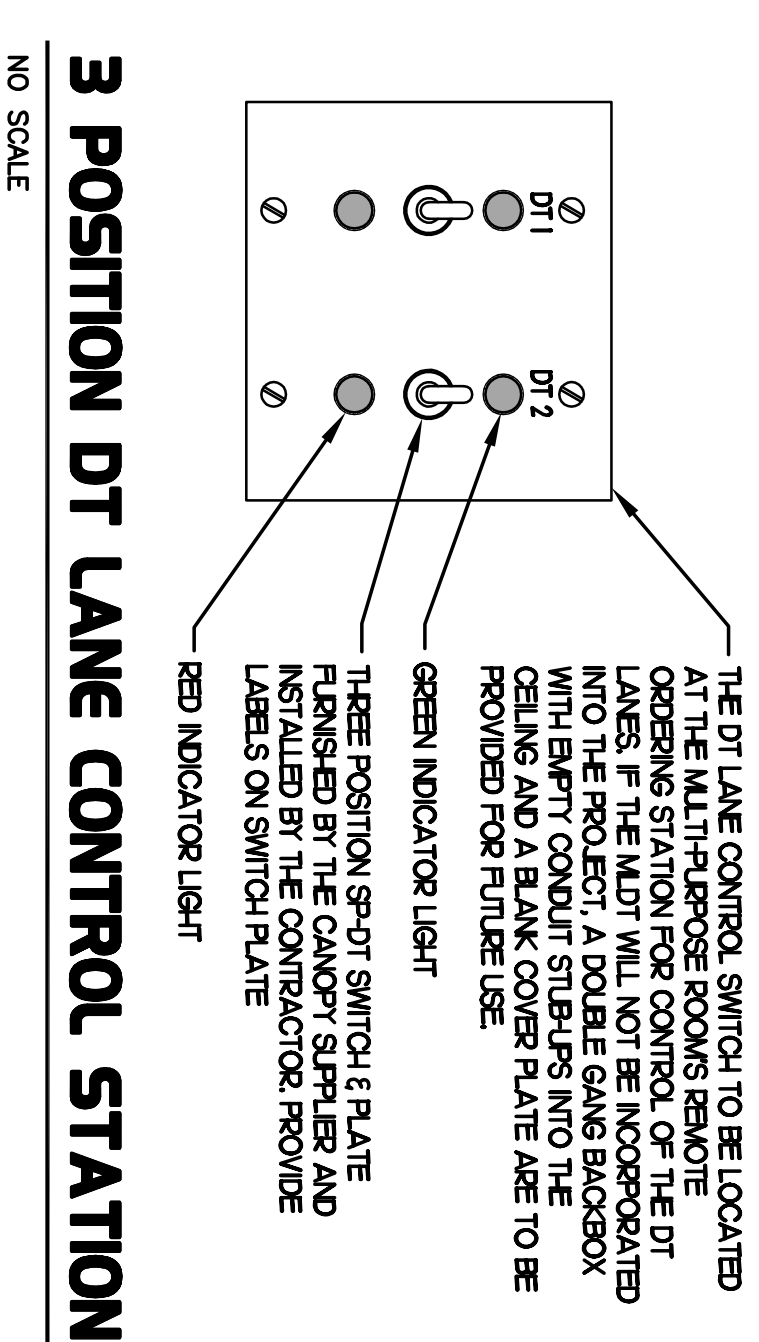
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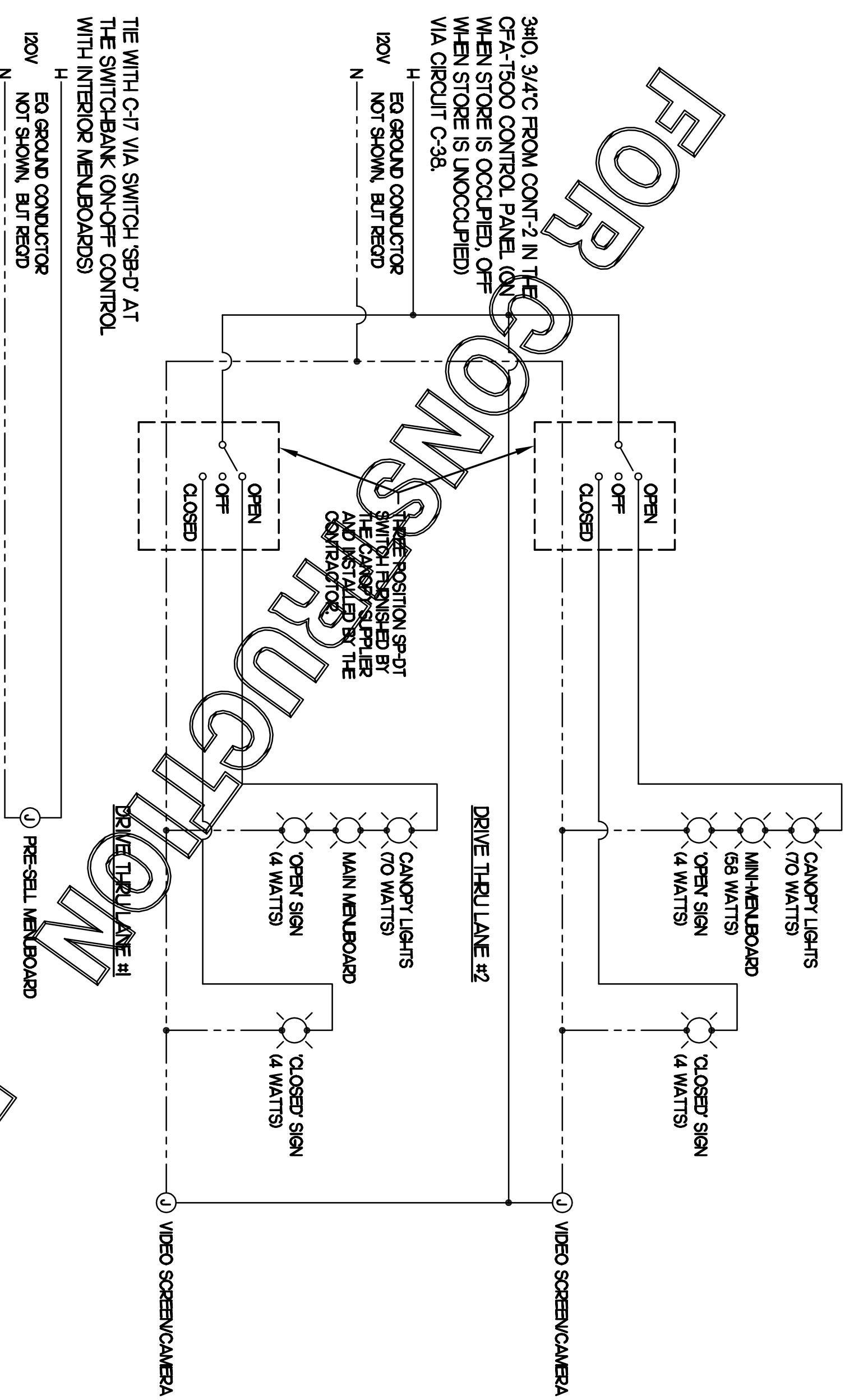
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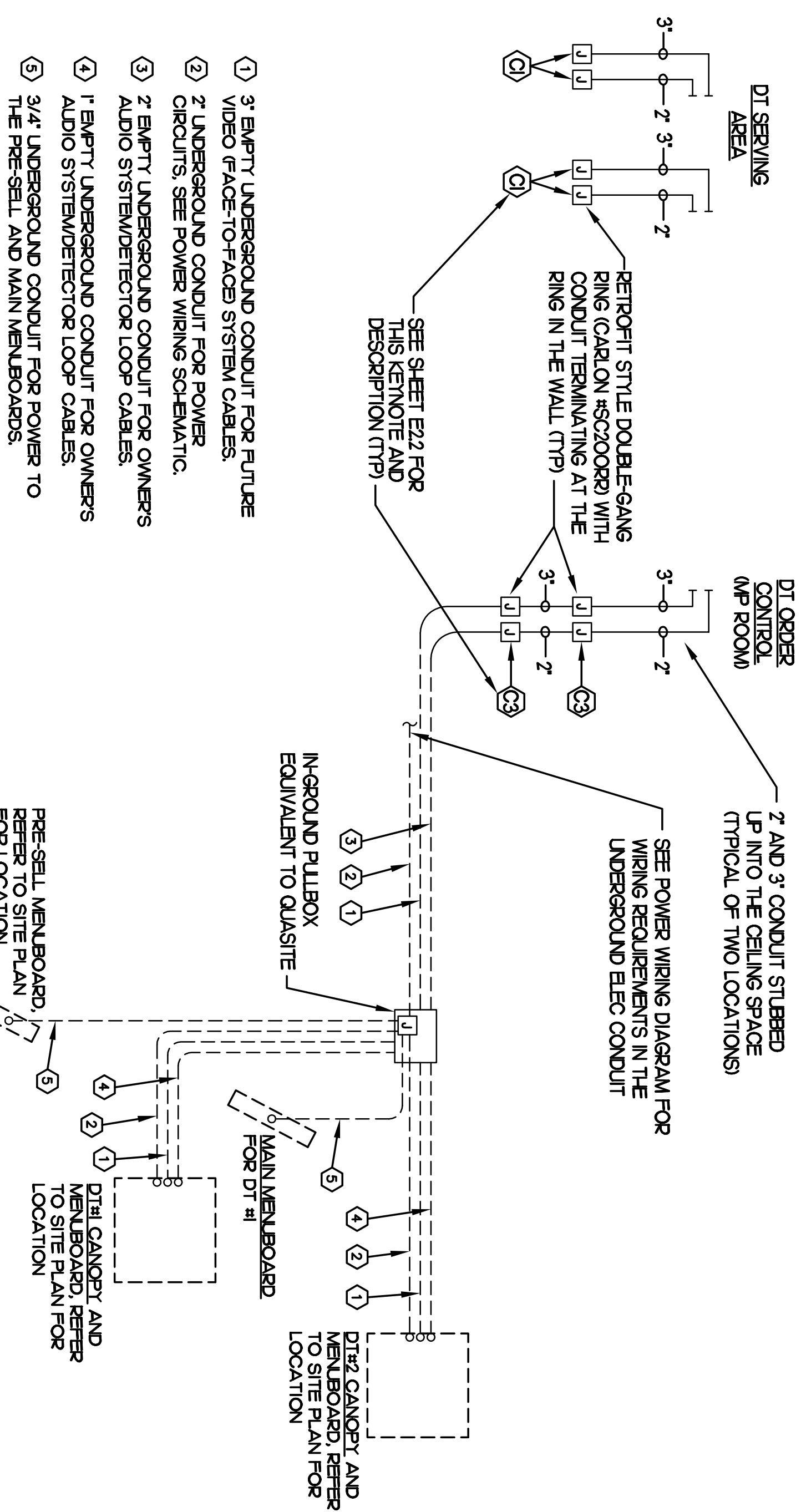
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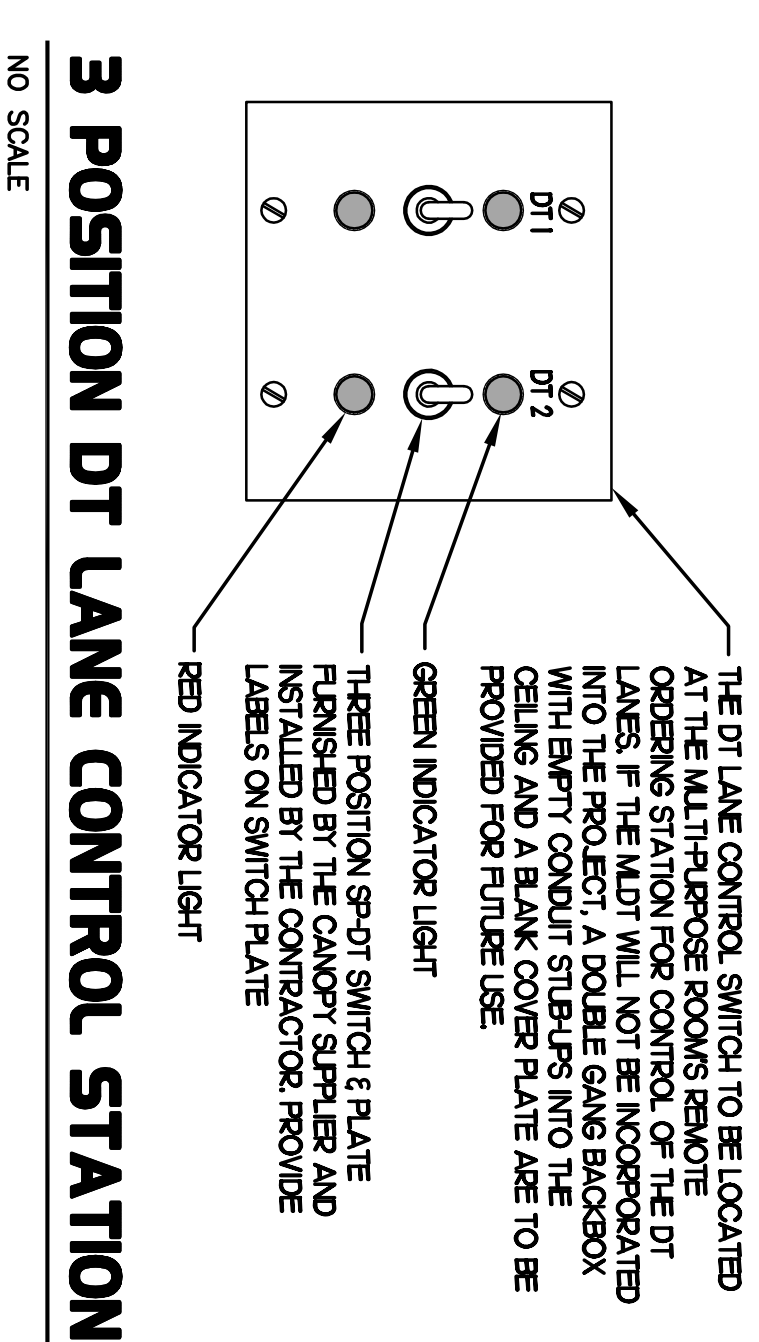
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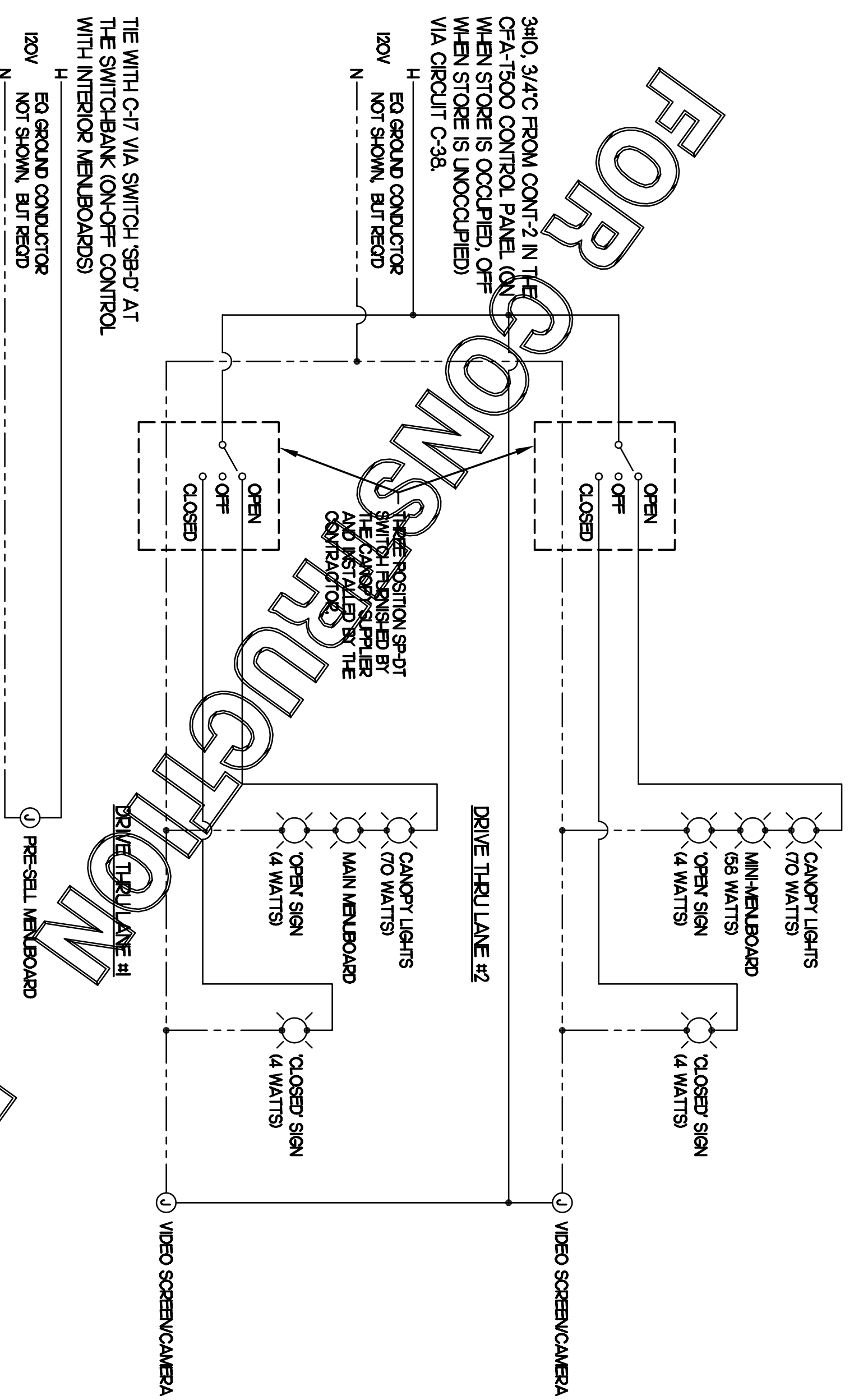
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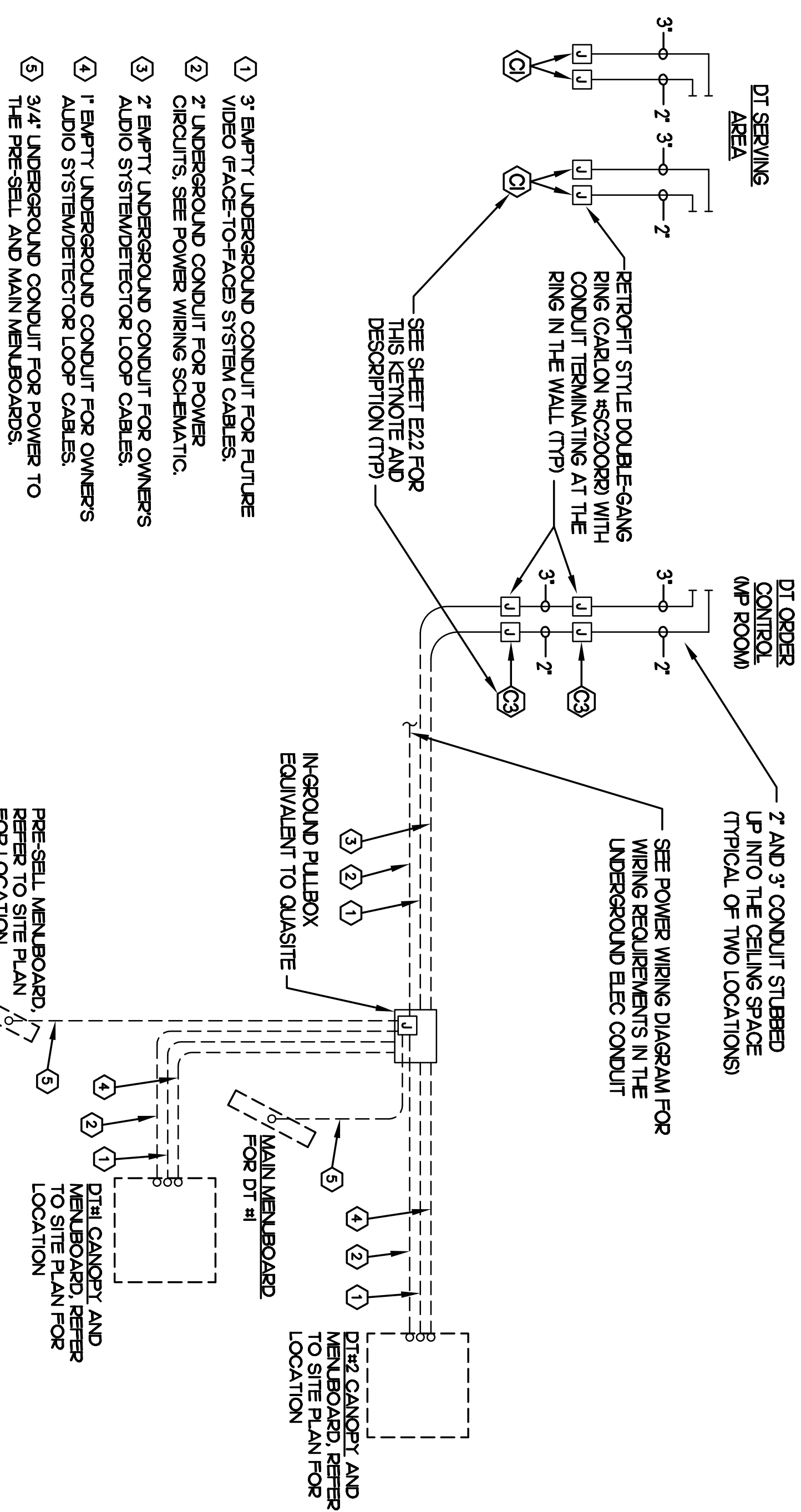
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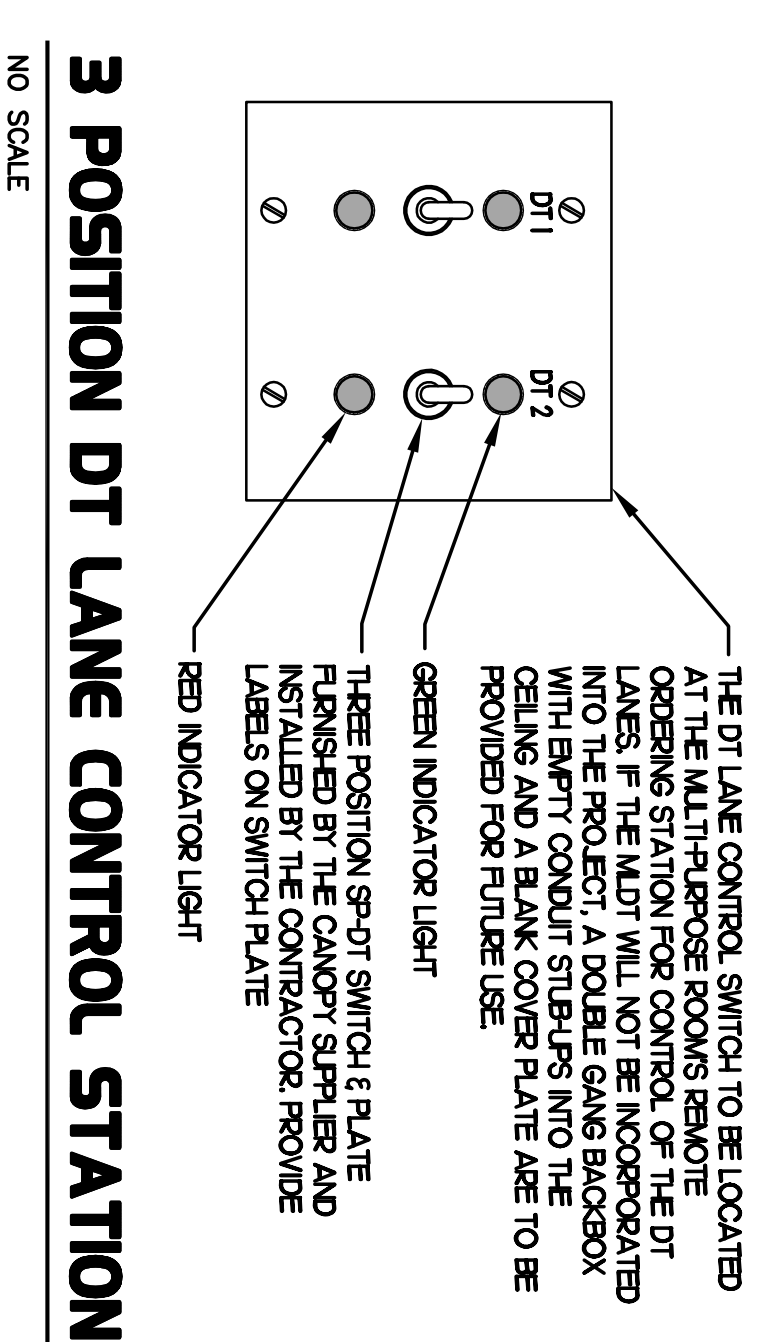
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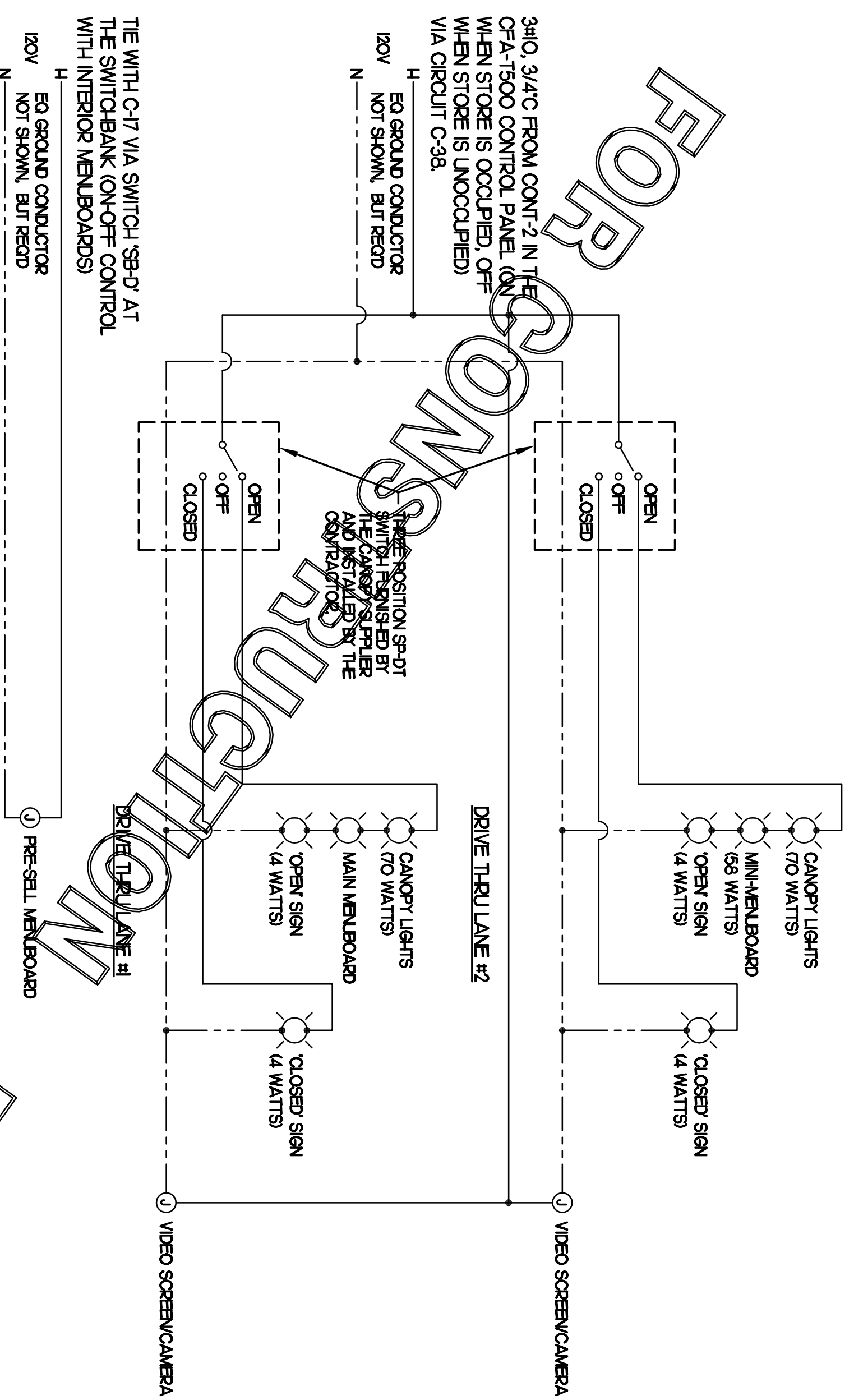
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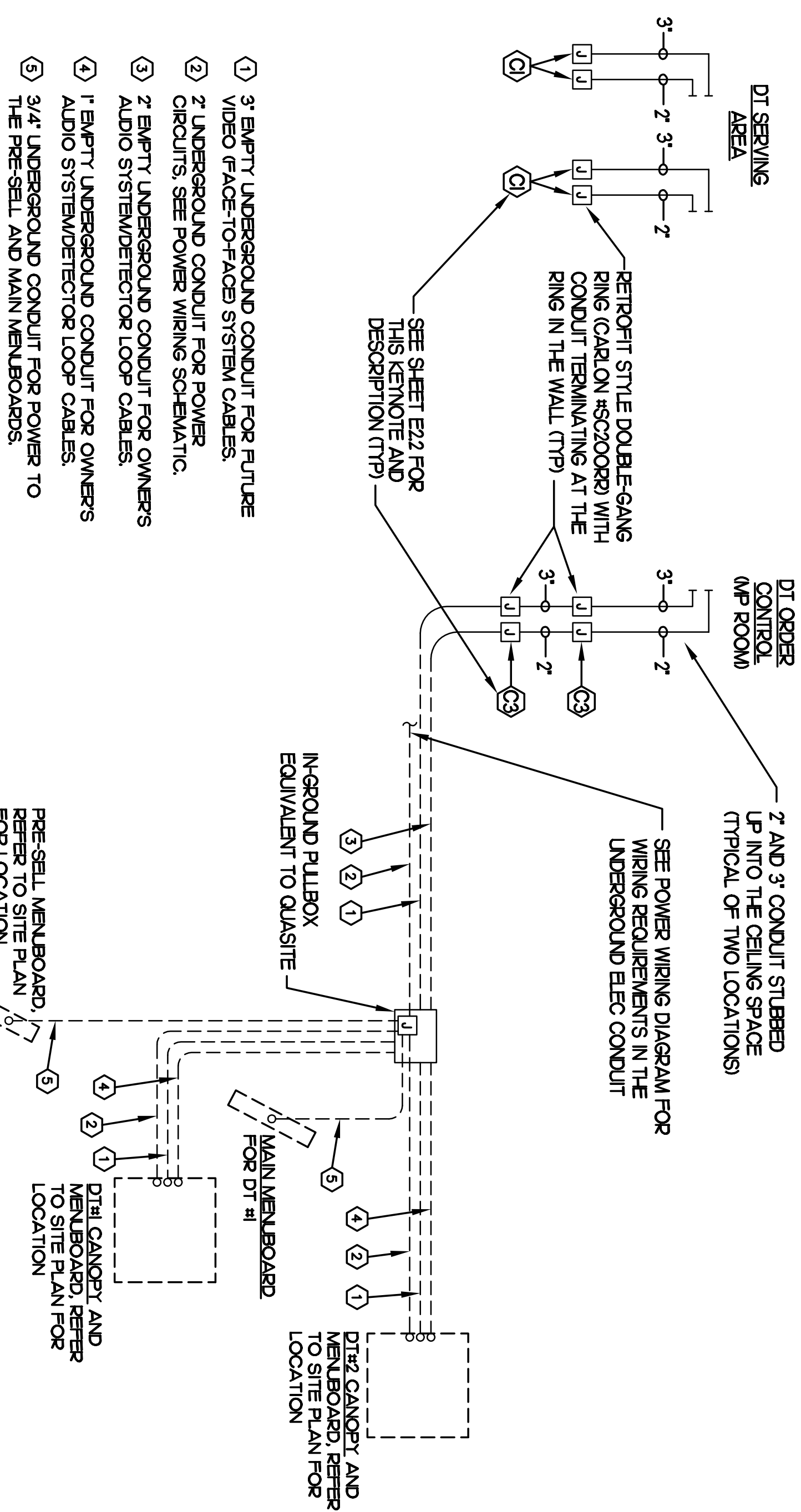
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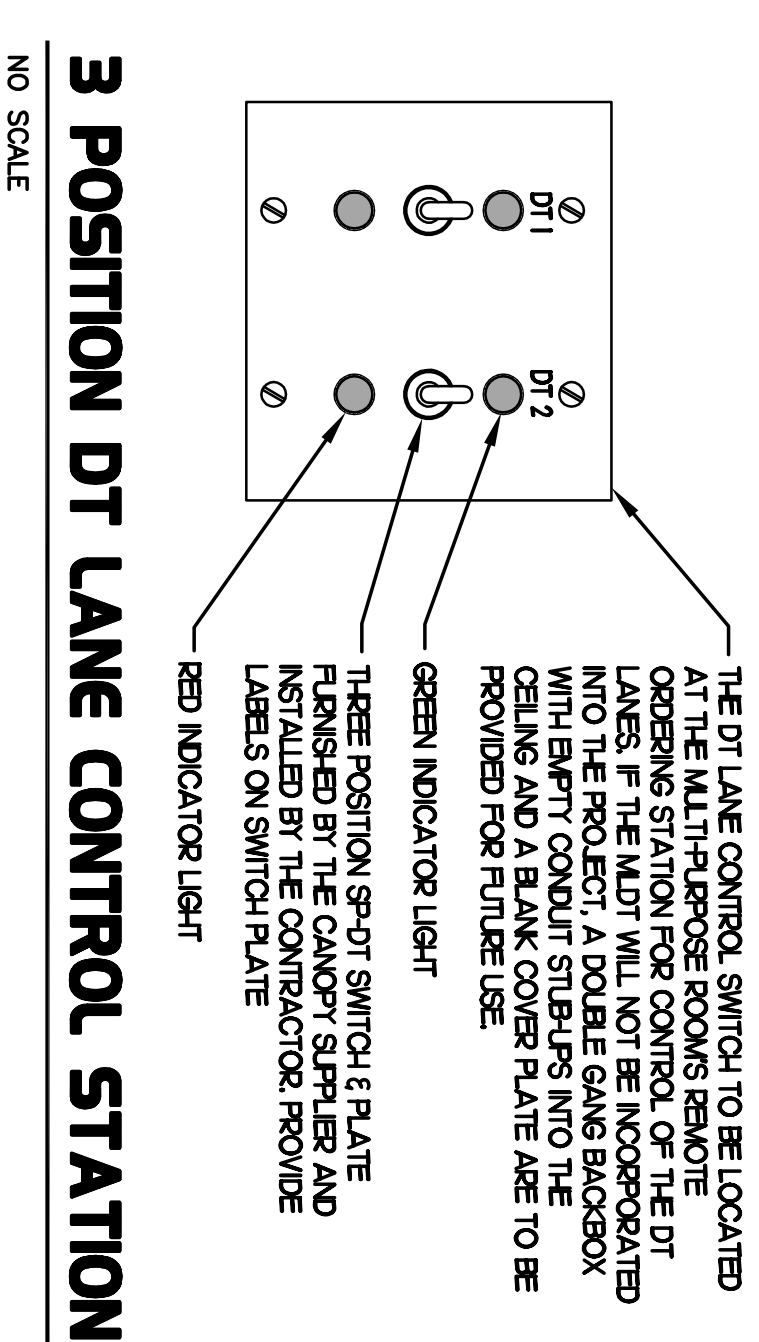
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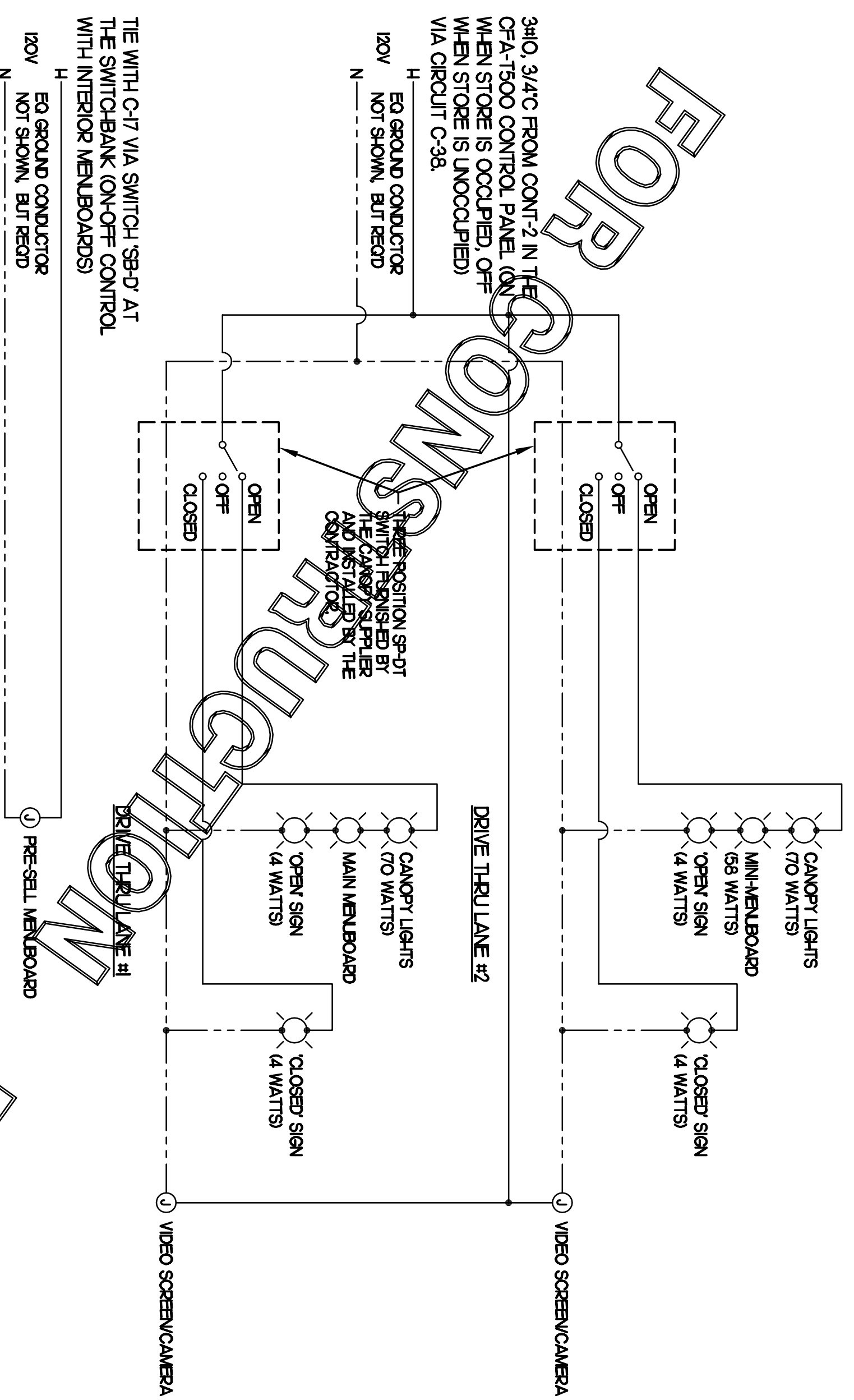
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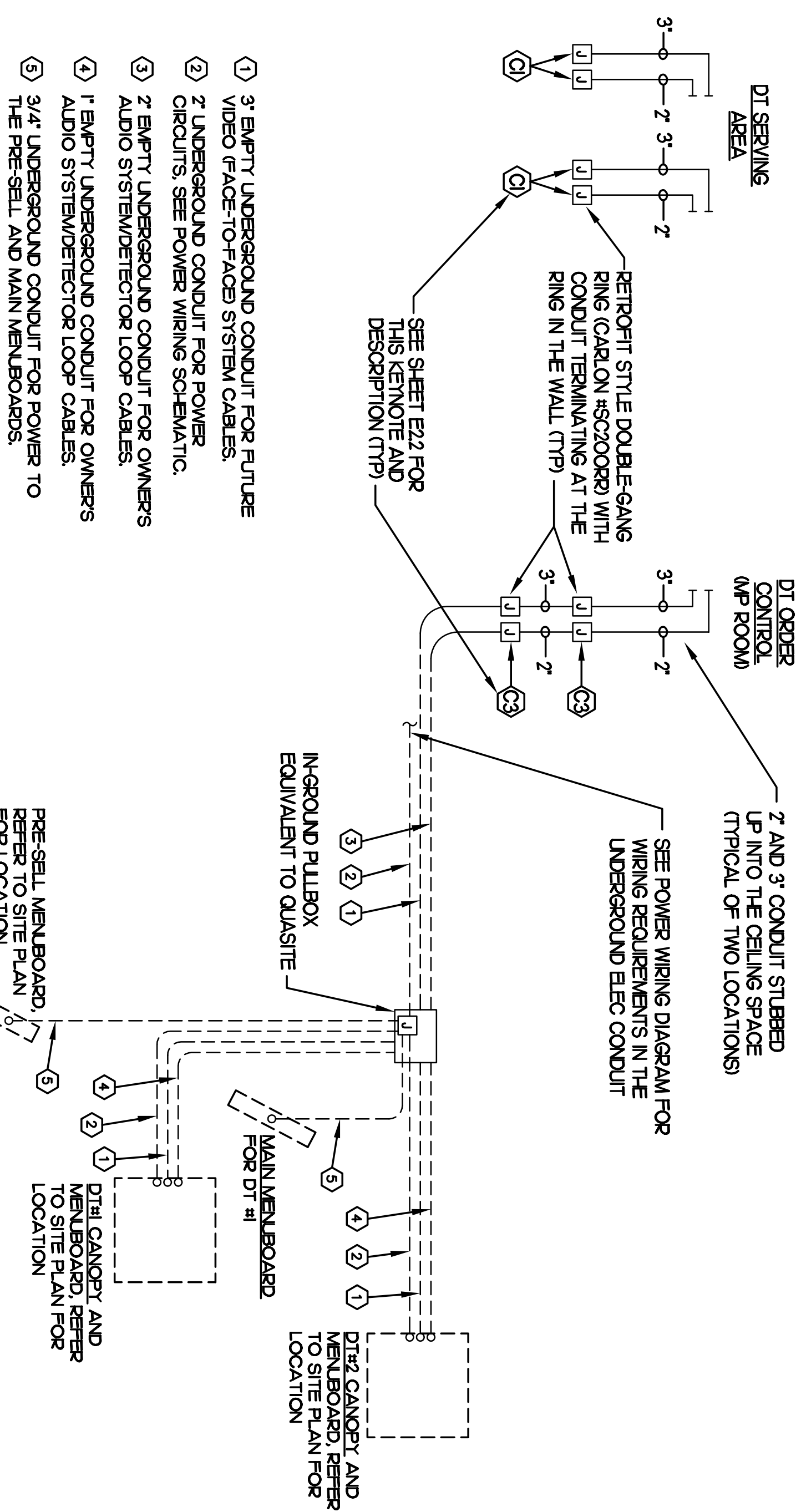
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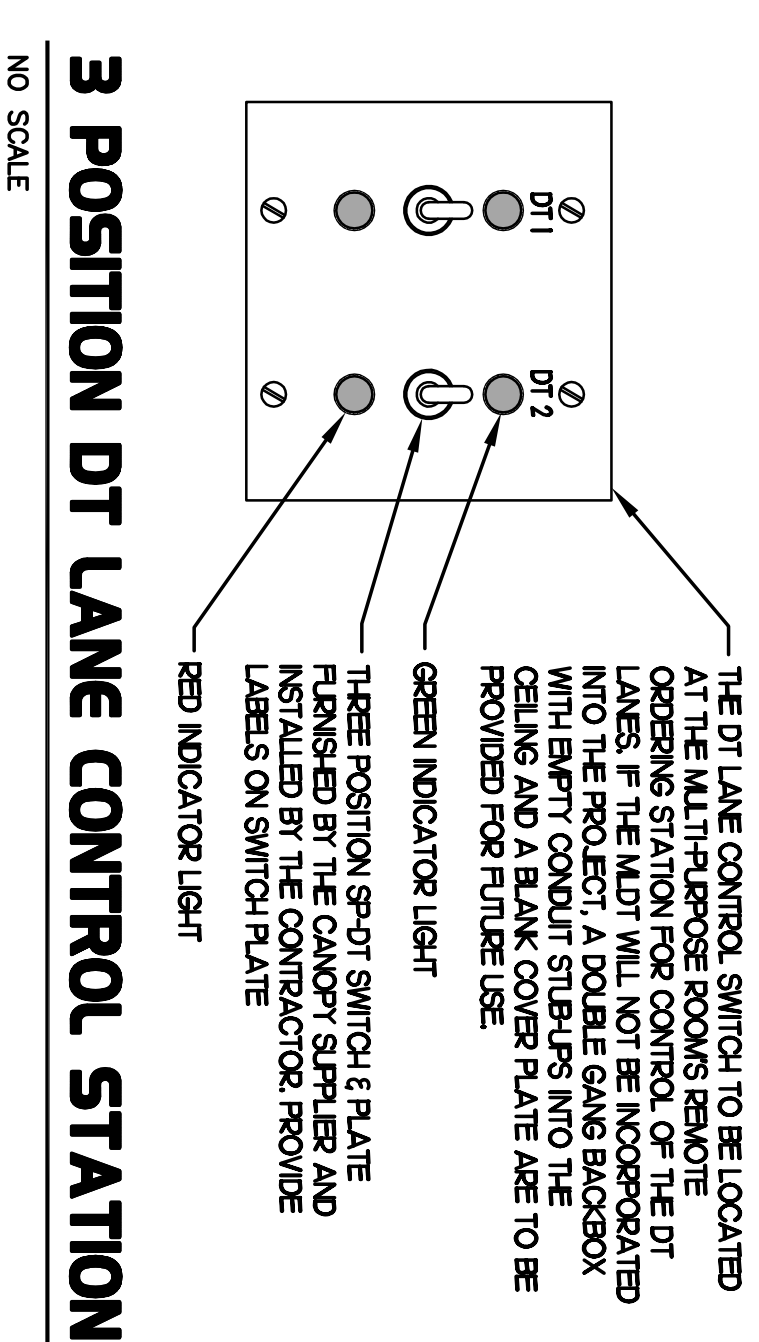
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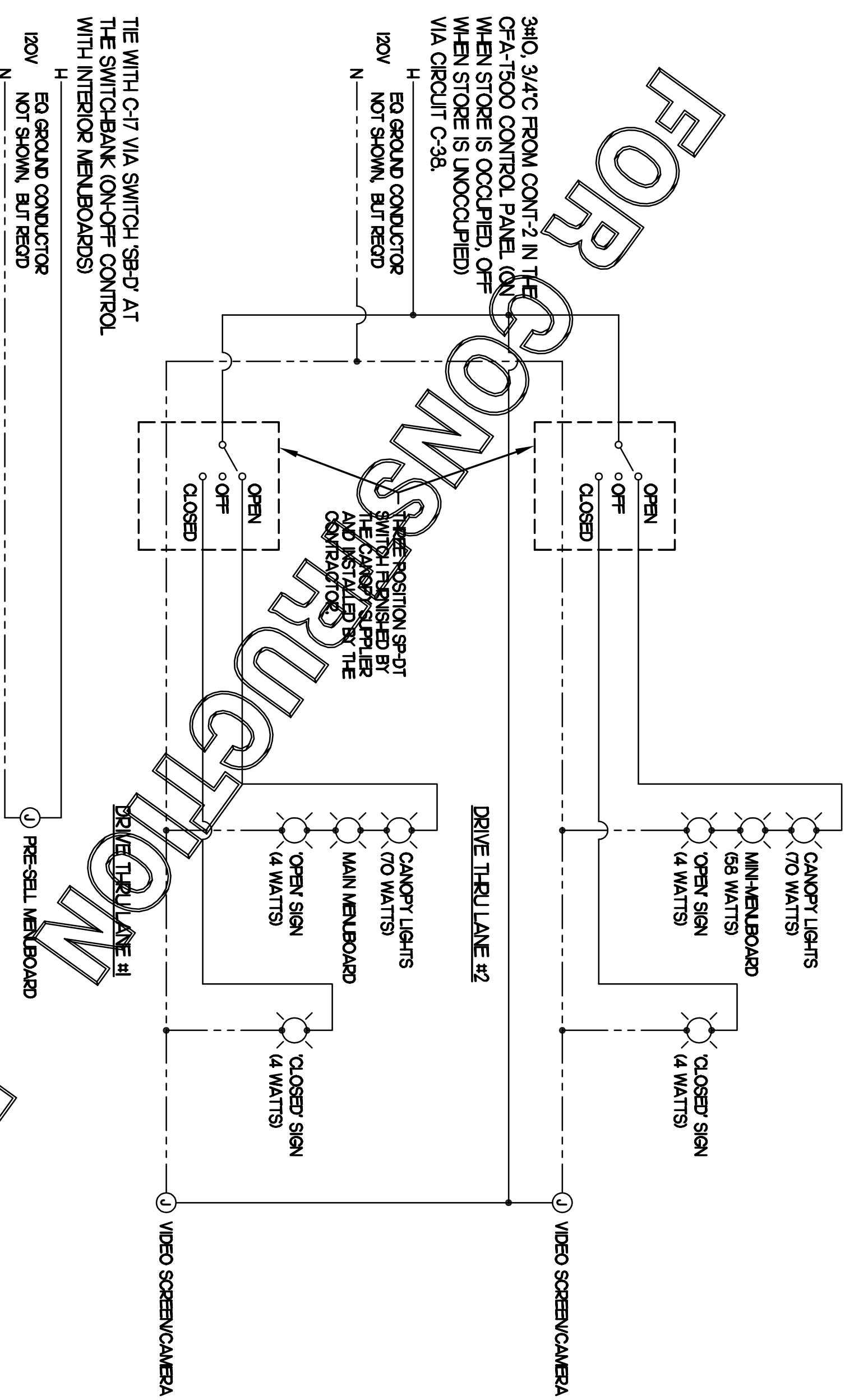
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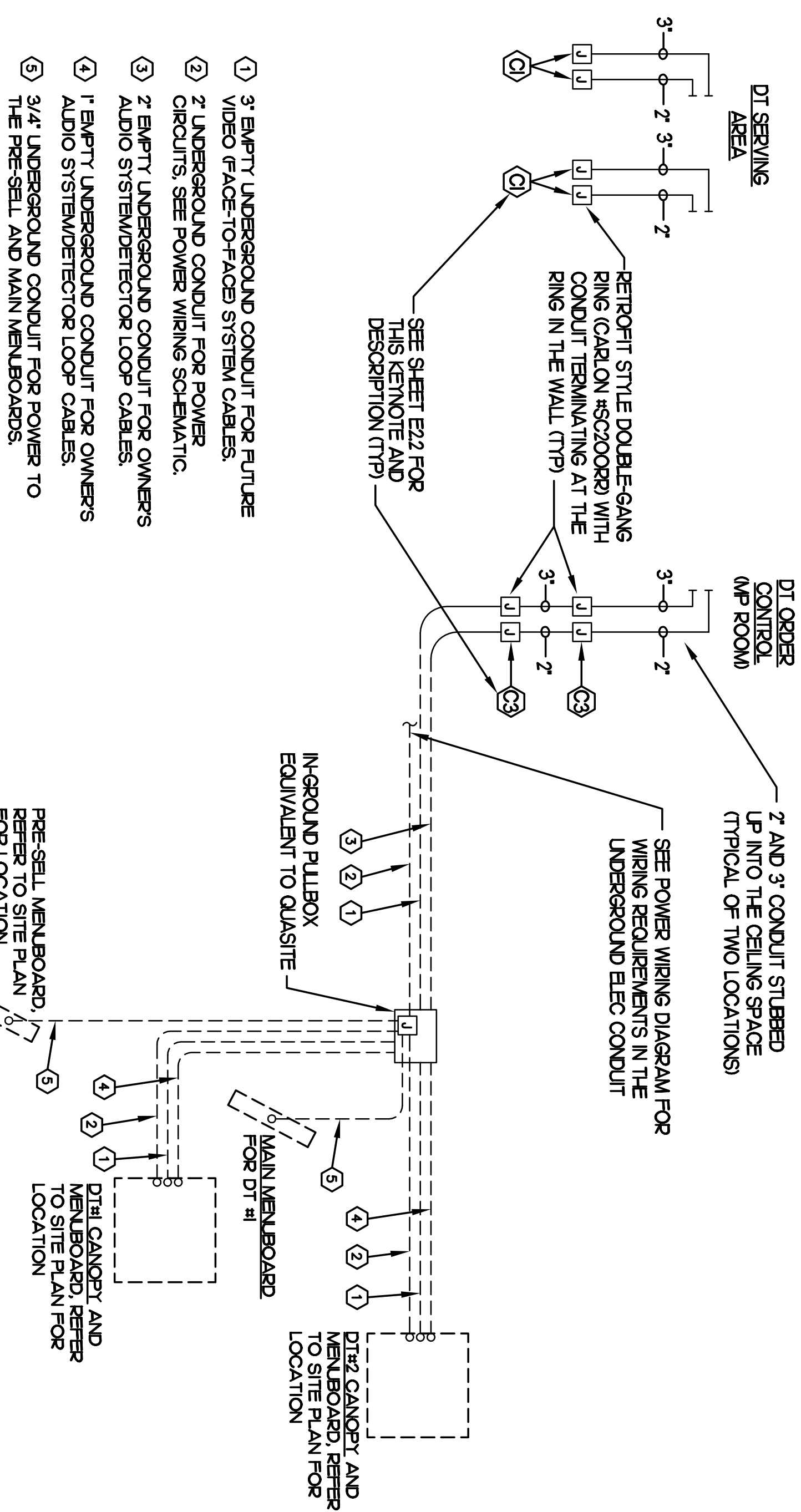
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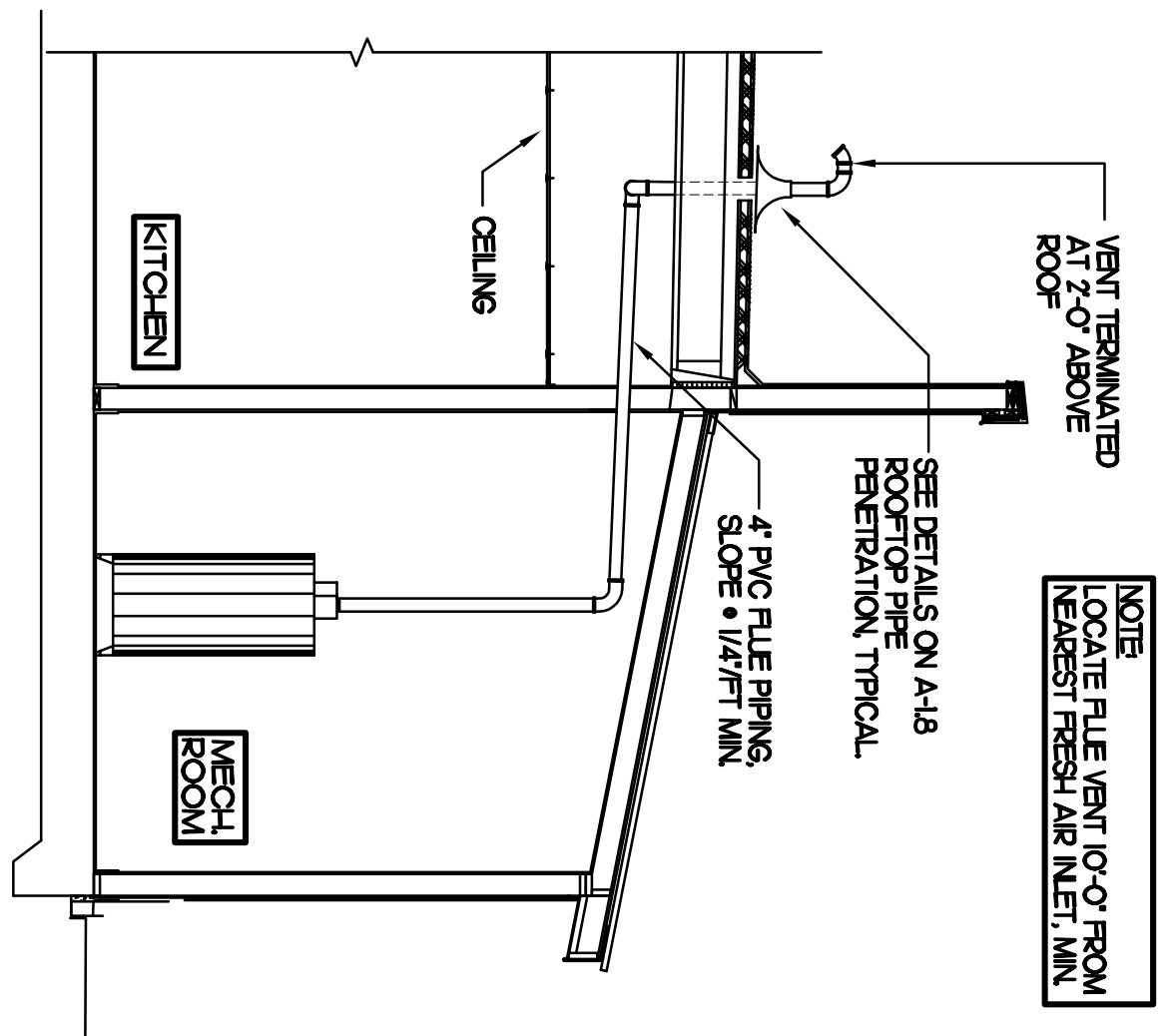


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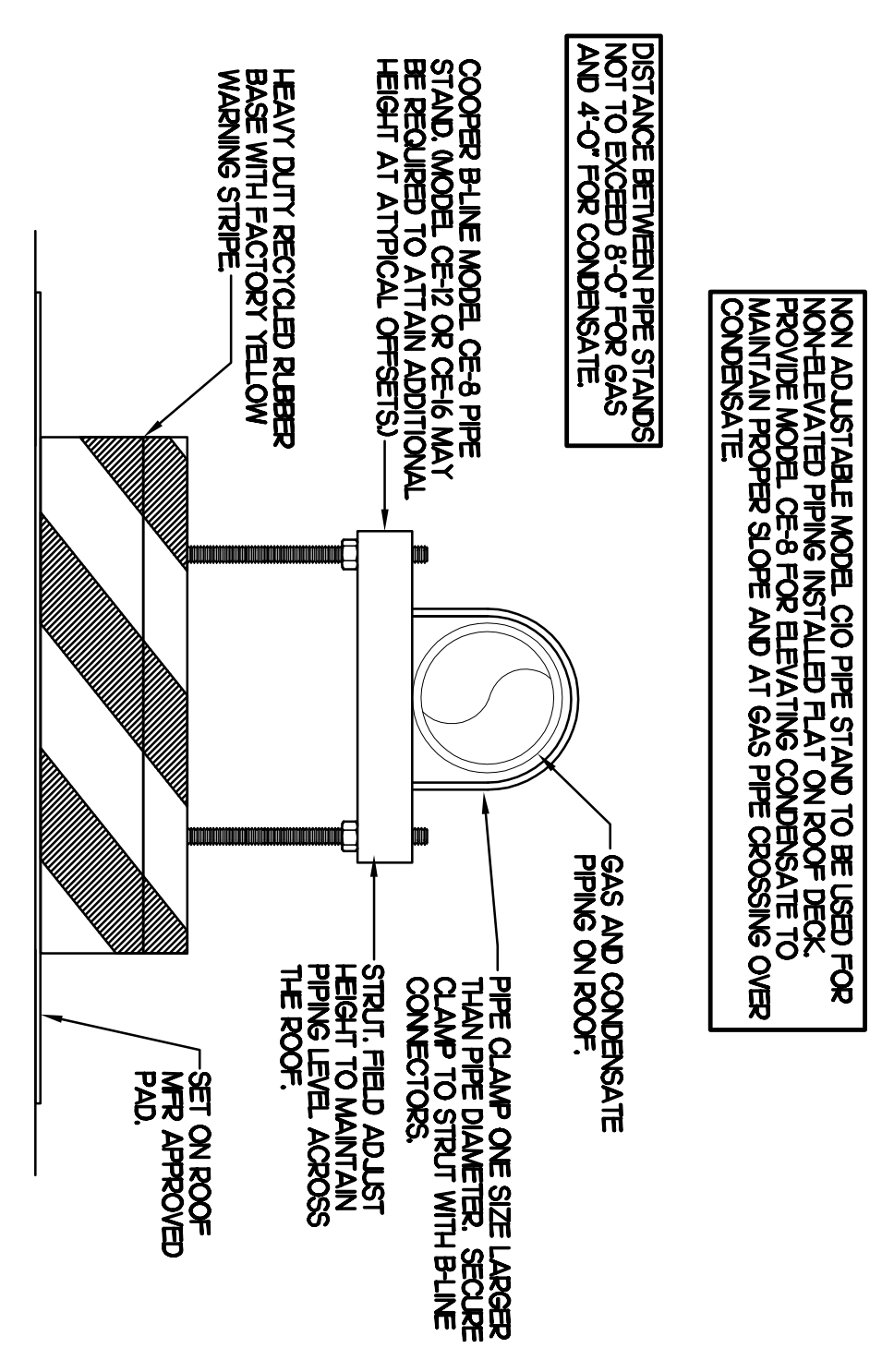
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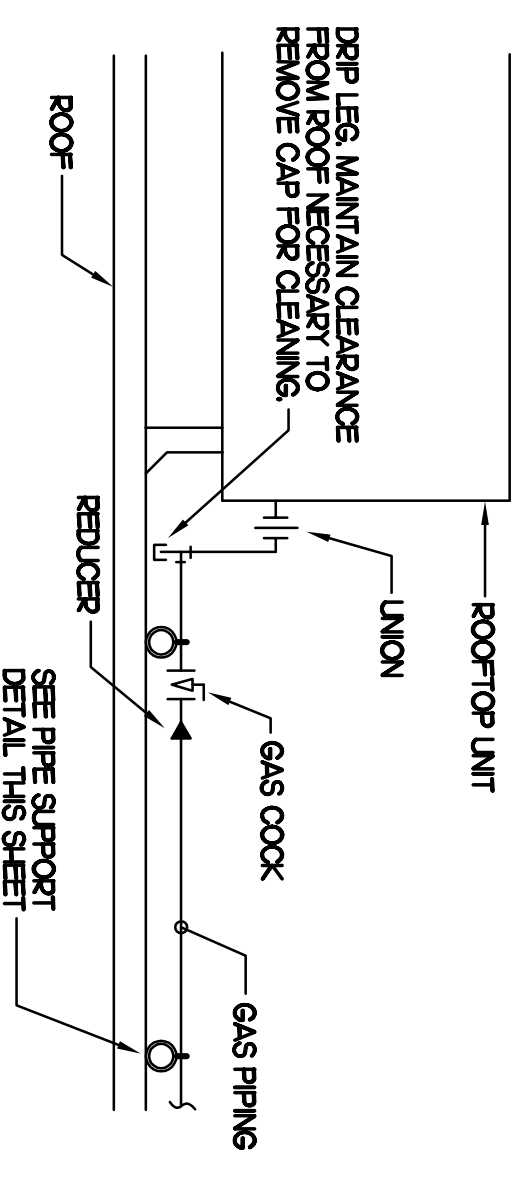
6. GAS CONNECTION SCHEDULE	
EQUIPMENT	GAS LOAD
ACH1	540,000 BTUS
ACH2	150,000 BTUS
ACH3	240,000 BTUS
ACH4	150,000 BTUS
WATER HEATER	80,000 BTUS
TOTAL CONNECTED LOAD	1,460,000 BTUS
REMARKS	1) EQUIVALENT TO 1460,000 ORH 2) 7 W.C. DELIVERY PRESSURE 3) DEVELOPED LENGTH 175 FT. (METER TO ACH4)



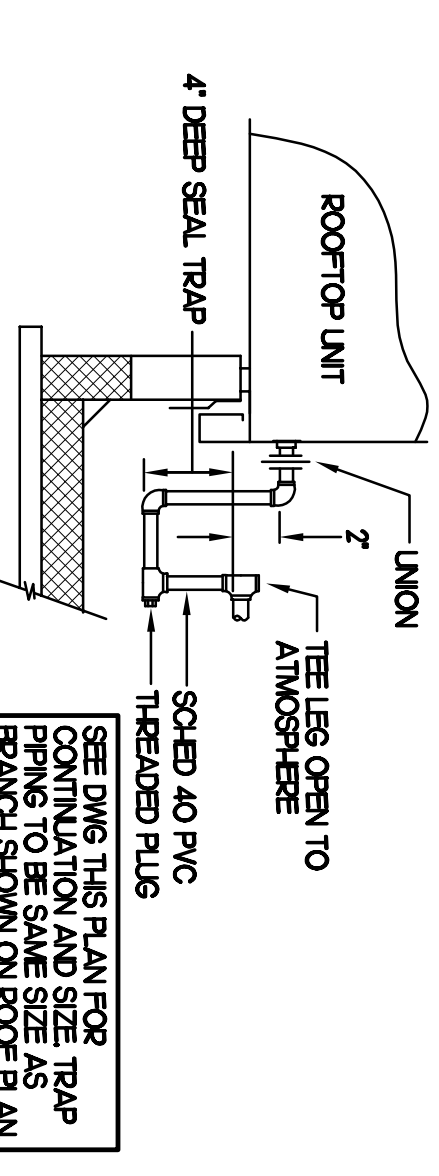
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NO SCALE



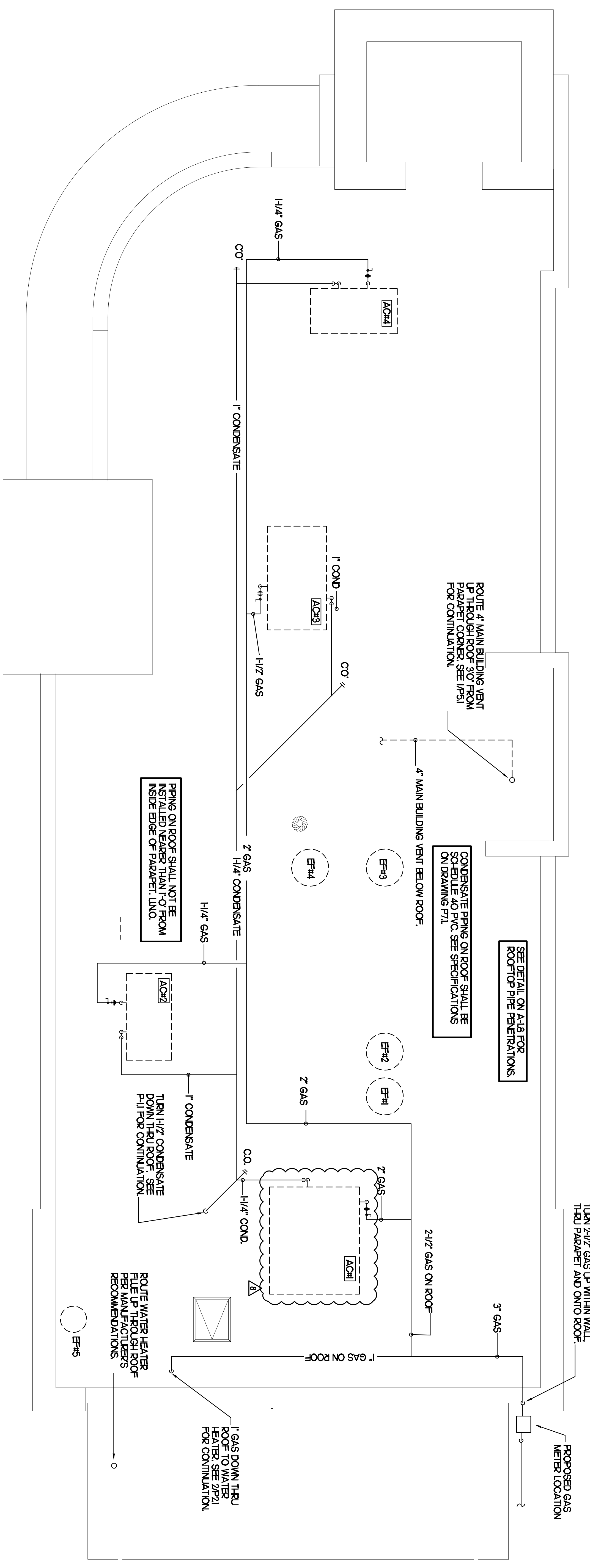
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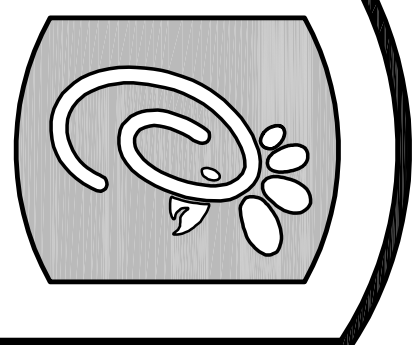
**3 GAS PIPING AT RTU**  
NO SCALE



**2 CONDENSATE DRAIN PIPING**  
NO SCALE



**I ROOF PIPING PLAN**  
1/4" = 1'-0"



5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

Revisions:  
By Date  
07-11-11 TV  
OWNER REVISIONS  
- HIAC

Scale  
1" = 1'-0"

FRANK TRAHAN, P.E.  
FLORIDA LIC. #FE-19197

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**INTERPLAN**  
ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

STORE  
OCALA, FL  
FSU S08

3445 SW COLLEGE RD  
OCALA, FL 34474

SHEET TITLE  
ROOF PLAN  
AND DETAILS

VERSION: S08N-104  
V5-01  
ISSUE DATE: 10-2010

Job No. : 10.0421  
Store : 2367  
Date : 12/2010  
Drawn By :  
Checked By :  
Sheet

**P-4.1**

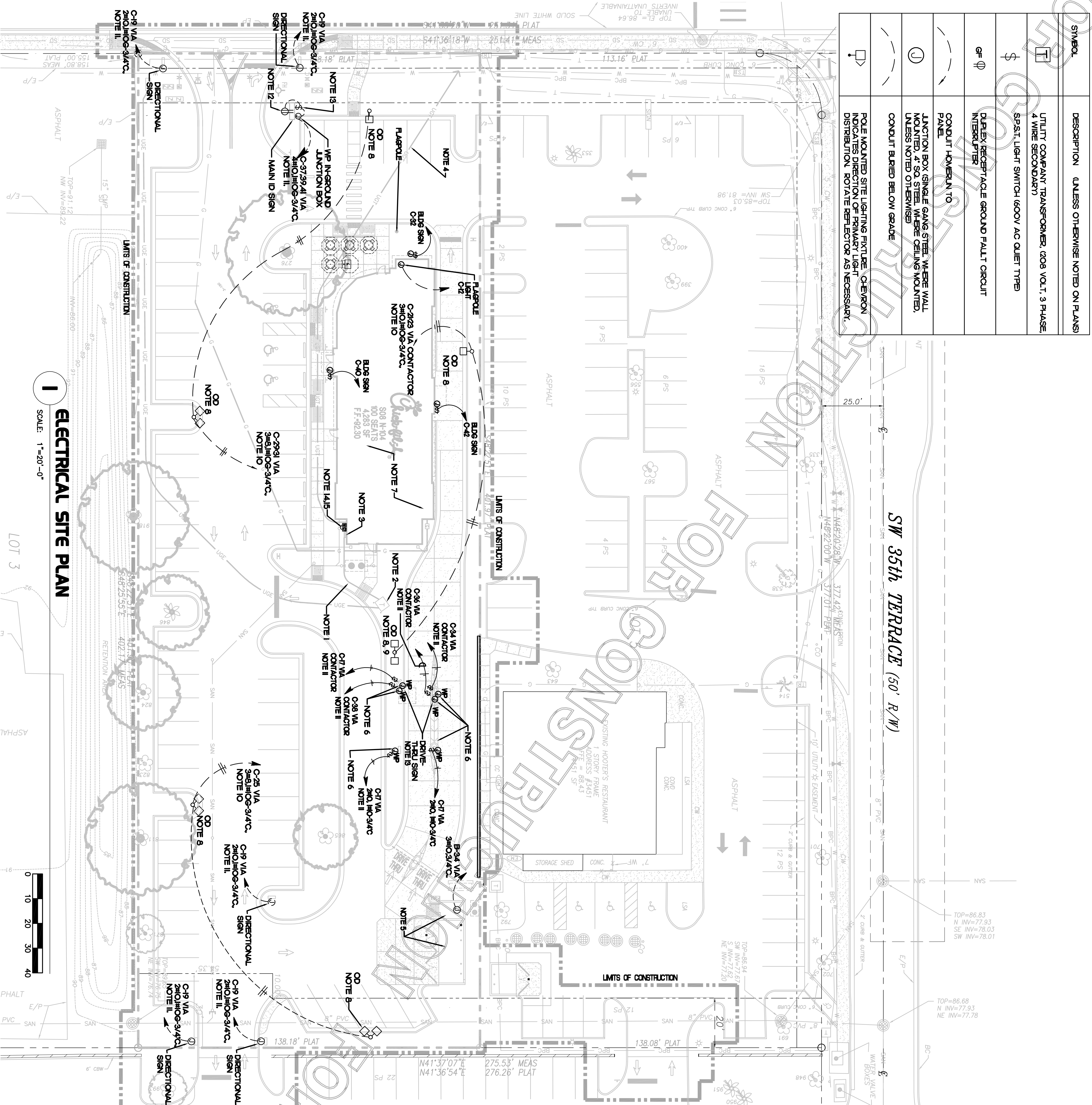
PANELBOARD SCHEDULE - PANG-A											
PANELBOARD NAME / TYPE:		SEC	P1	BREAKER OPTIONS		LOADS		SO98B-CL			
NO.	DESCRIPTION	NO.	TYPE	NO.	TYPE	NO.	TYPE	NO.	TYPE		
1	TELEPHONE D/V	208	Y	120	AF	GF	HA	KA	PHASE A 12.4		
2	OFFICE GEN & MUSIC	208	Y	120	AF	GF	HA	KA	PHASE B 11.7		
3	OFFICE GEN & MUSIC	208	Y	120	AF	GF	HA	KA	PHASE C 10.5		
4	OFFICE GEN & MUSIC	208	Y	120	AF	GF	HA	KA	PHASE D 9.8		
5	OFFICE GEN & MUSIC	208	Y	120	AF	GF	HA	KA	PHASE E 9.1		
6	OFFICE GEN & MUSIC	208	Y	120	AF	GF	HA	KA	PHASE F 8.4		
7	FOUR DRINK TOWERS	315	R	0.540	20/1	B	20/1	1.700	KA	PHASE A 10.4	
8	FOUR DRINK TOWERS	315	R	0.540	20/1	B	20/1	1.700	KA	PHASE B 9.73	
9	FOUR DRINK TOWERS	315	R	0.540	20/1	B	20/1	1.700	KA	PHASE C 9.06	
10	FOUR DRINK TOWERS	315	R	0.540	20/1	B	20/1	1.700	KA	PHASE D 8.39	
11	GENERAL OUTLETS	420	R	0.360	20/1	A	20/1	1.440	MS	KA	PHASE C 8.73
12	GENERAL OUTLETS	420	R	0.360	20/1	A	20/1	1.440	MS	KA	PHASE D 8.06
13	GENERAL OUTLETS	420	R	0.360	20/1	A	20/1	1.440	MS	KA	PHASE E 7.39
14	GENERAL OUTLETS	420	R	0.360	20/1	A	20/1	1.440	MS	KA	PHASE F 6.72
15	U.C. REF.ING	421	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE C 6.05
16	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE D 5.38
17	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE E 4.71
18	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE F 4.04
19	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE A 3.37
20	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE B 2.70
21	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE C 2.03
22	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE D 1.36
23	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE E 0.69
24	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE F 0.02
25	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE A 0.35
26	U.C. REF.ING	420	K	0.480	20/1/0	B	20/1/0	0.360	R	KA	PHASE B 0.68
27	CARBONATOR	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE C 1.04
28	CARBONATOR	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE D 0.37
29	CARBONATOR	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE E 0.70
30	CARBONATOR	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE F 0.03
31	CARBONATOR	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE A 0.36
32	CARBONATOR	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE B 0.69
33	CARBONATOR	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE C 1.02
34	CARBONATOR	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE D 0.35
35	BOOSTER PUMP	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE E 0.68
36	BOOSTER PUMP	318	K	0.864	20/1/0	B	20/1/0	1.392	K	KA	PHASE F 0.01
37	GENERAL OUTLETS	420	R	0.360	20/1	A	20/1	1.440	MS	KA	PHASE A 1.14
38	GENERAL OUTLETS	420	R	0.360	20/1	A	20/1	1.440	MS	KA	PHASE B 0.47
39	GENERAL OUTLETS	420	R	0.360	20/1	A	20/1	1.440	MS	KA	PHASE C 0.80
40	GENERAL OUTLETS	420	R	0.360	20/1	A	20/1	1.440	MS	KA	PHASE D 0.13
41	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN 4
42	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN 3
43	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN 2
44	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN 1
45	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN 0
46	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -1
47	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -2
48	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -3
49	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -4
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51	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -6
52	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -7
53	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -8
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56	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -11
57	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -12
58	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -13
59	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -14
60	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -15
61	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -16
62	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -17
63	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -18
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70	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -25
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72	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -27
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75	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -30
76	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -31
77	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -32
78	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -33
79	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -34
80	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -35
81	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -36
82	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -37
83	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -38
84	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -39
85	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -40
86	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -41
87	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -42
88	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -43
89	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -44
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91	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -46
92	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -47
93	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -48
94	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -49
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96	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -51
97	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -52
98	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -53
99	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -54
100	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -55
101	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -56
102	HOOD CU FANS	20/1	MI	0.450	20/1	C	15/1	0.687	MI	ET4	HOOD EXHAUST FAN -57
103	HOOD CU FANS	20/1	MI								





**ELECTRICAL SITE PLAN SYMBOLS**

SYMBOL	DESCRIPTION (UNLESS OTHERWISE NOTED ON PLANS)
	UTILITY COMPANY TRANSFORMER, (208 VOL.T, 3 PHASE, 4 WIRE SECONDARY)
	S.P.S.T. LIGHT SWITCH (600V AC QUIET TYPE)
	DUPLEX RECEPTACLE (GROUND FAULT CIRCUIT INTERRUPTER)
	CONDUIT (HIDDEN TO PANEL)
	JUNCTION BOX (SINGLE GANG STEEL, W/ EEE WALL MOUNTED, 4" SQ. STEEL, W/ EEE CEILING MOUNTED, UNLESS NOTED OTHERWISE)
	CONDUIT BURIED BELOW GRADE
	POLE MOUNTED SITE LIGHTING FIXTURE (ELECTRICAL SYMBOL INDICATES TYPE OF PRIMARY LIGHT DISTRIBUTION. ROTARY REFLECTOR AS NECESSARY.)



**ELECTRICAL SITE PLAN**

SCALE: 1"=20'-0"

**5 ELECTRICAL SITE PLAN KEYNOTES**

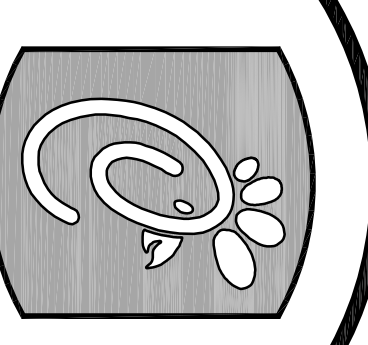
(APPLIES TO THE ELECTRICAL SITE PLAN SHEET ESI1)

- APPROXIMATE LOCATION OF PRIMARY UNDERGROUND ELECTRICAL UTILITY LINES.
- APPROXIMATE LOCATION OF PAD MOUNTED TRANSFORMER FINISHED BY THE ELECTRICAL UTILITY COMPANY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE:
  - PROVIDE TWO (2) 4" SCH. 40 PVC CONDUIT TO UTILITY SOURCE AT MINIMUM 30" BELOW FINISHED GRADE AND IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS. COORDINATE ALL REQUIREMENTS WITH THE UTILITY COMPANY PRIOR TO BID.
  - SECONDARY SERVICE LATERAL FROM UTILITY TRANSFORMER TO PANEL.
  - NMP VIA THE CURRENT TRANSFORMER CABINET. SEE SHEET E32, SINGLE-LINE DIAGRAM. REFER TO ELECTRICAL REQUIREMENTS LATERAL CONDUIT DETAIL. THIS SHEET FOR ADDITIONAL INFORMATION.
  - CONCRETE PAD FOR UTILITY TRANSFORMER IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS. SEE NOTE-14.
- APPROXIMATE LOCATION OF TERMINATION OF SECONDARY SERVICE LATERAL AT PANEL. NMP. REFER TO SINGLE-LINE DIAGRAM. SHEET E32, FOR ADDITIONAL INFORMATION.
- (FOR JOB NO. 2) SCH. 40 PVC CONDUIT MINIMUM 24" BELOW FINISHED GRADE FOR TELEPHONE SERVICE FROM TELEPHONE UTILITY SOURCE TO JUNCTION BOX IN MECHANICAL CLOSET. REFER TO SHEET E22 FOR LOCATION OF JUNCTION BOX AT BRANCH PANELBOARDS. REFER TO TELEPHONE SERVICE CONDUIT DETAIL. THIS SHEET, FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION OF UTILITY SOURCE WITH TELEPHONE UTILITY. TERMINATE CONDUITS AT UTILITY SOURCE AS REQUIRED BY THE UTILITY COMPANY.
- LOCATION OF DUMPSTER. REFER TO REUSE ENCLOSURE PLAN - ELECTRICAL; SHEET E23 FOR ELECTRICAL REQUIREMENTS IN THIS AREA.
- REFER TO SHEETS E14, E21 AND E22 FOR ELECTRICAL REQUIREMENTS AT MENU BOARD, DRIVE THROUGH CANOPY, AND PRESSURE MENU BOARD.
- REFER TO SHEETS E41, E42 FOR ELECTRICAL SPECIFICATIONS PERTAINING TO ELECTRICAL WORK DESCRIBED ON THIS SHEET.
- REFER TO SHEET E11 FOR LIGHTING FIXTURE SCHEDULE.
- PROVIDE UNDERGROUND CONDUIT TO JUNCTION BOX IN OFFICE FOR POLE MOUNTED SECURITY CAMERA. REFER TO SHEET E22 FOR LOCATION OF JUNCTION BOX IN OFFICE AND REQUIRED SIZE OF CONDUIT. COORDINATE EXACT CAMERA LOCATION WITH CHICK-FIL-A SECURITY SYSTEM REPRESENTATIVE PRIOR TO ROUSHLIN.
- CONNECT SITE LIGHTING CIRCUITS TO TERMINAL BLOCKS LOCATED IN THE "CFA-1500" CONTROL PANEL. TYPICAL. SEE PANEL SCHEDULES ON SHEET E31.
- CONNECT SITE SIGNAGE CIRCUITS TO TERMINAL BLOCKS LOCATED IN THE "CFA-1500" CONTROL PANEL. TYPICAL. SEE PANEL SCHEDULES ON SHEET E31. COORDINATE LOCATIONS OF ALL SIGNS WITH CHICK-FIL-A REPRESENTATIVE PRIOR TO BID AND PRIOR TO CONDUIT INSTALLATION.
- PROVIDE GFCI TYPE WEATHER-PROOF RECEPTACLE MOUNTED ON MAIN SIGN SUPPORT 14' AEG. THIS RECEPTACLE SHALL NOT BE SWITCHED. BYPASS THE CONTRACTOR AND SIGNS DISCONNECT SWITCH.)
- PROVIDE WEATHER-PROOF 20A SPST TOGGLE SWITCH 18" AEG AND CONNECTION TO MAINTENANCE DISCONNECT SWITCH FOR MAIN ID. SIGN.
- APPROXIMATE LOCATION OF BUILDING MOUNTED ELECTRICAL UTILITY METER. METER BASE SHALL BE INSTALLED BY THE UTILITY COMPANY AND LISTED BY THE CONTRACTOR. THE CABINET TRANSFORMER CABINET SHALL BE FINISHED AND INSTALLED ON THE BUILDING BY THE CONTRACTOR. THE CONTRACTOR SHALL ALSO FINISH AND INSTALL A 1/4" RIGID GALVANIZED CONDUIT BETWEEN METER BASE AND CURRENT TRANSFORMER CABINET. COORDINATE LOCATIONS AND REQUIREMENTS WITH ELECTRICAL UTILITY COMPANY PRIOR TO BID.
- REFER TO BUILDING DRAWING E22 FOR LAYOUT OF THE SERVICE YARD AREA. COORDINATE LOCATIONS OF ALL ITEMS AT THE SERVICE YARD AREA PRIOR TO ROUSHLIN OF ANY ITEMS INSTALLED ON OR NEAR THE SERVICE YARD. COORDINATE EXACT LOCATIONS OF SECURITY SYSTEM EQUIPMENT WITH CHICK-FIL-A SECURITY SYSTEM REPRESENTATIVE PRIOR TO ROUSHLIN.
- USE NOTE 16 TO SPECIFY THE "G" FIXTURES IF PROTOTYPE "OD" FIXTURE IS NOT ALLOWED. OR WHEN "OFA" POLE IS NEEDED FOR CCTV CAMERA.

**6 GENERAL ELECTRICAL SITE PLAN NOTES**

(APPLIES TO THE ELECTRICAL SITE PLAN ONLY)

- VERIFY WITH LOCAL AUTHORITIES AND UTILITIES THAT OWNERS SIGNS, POLES, AND THEIR APPURTENANCES ARE NOT LOCATED ON OR OVER ANY EASEMENT OR MUNICIPAL RIGHT OF WAY.
- TORO SURVEY SITE PLANS. REFER TO C-DRAWINGS.
- MINIMUM CONDUIT SIZE SHALL BE 3/4". MINIMUM CONDUCTOR SIZE SHALL BE MINIMUM COPPER UNLESS OTHERWISE NOTED.
- REFER TO BUILDING ELECTRICAL DRAWINGS FOR EXTERIOR LIGHTING CONTROL.
- FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ONLY NEW AND UL LABELED ELECTRICAL EQUIPMENT UNLESS INDICATED OTHERWISE BY THE CONTRACT DOCUMENTS.
- FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL CONTACT ALL UTILITIES FOR VERIFICATION AND IDENTIFICATION OF ALL UNDERGROUND RUNS, PRIOR TO SITE TRENCHING (CALL BEFORE YOU DIG!).
- FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE (NEPA 70), AND THE LIFE SAFETY CODE (NFPA 10), AS ADOPTED ANY/ OR AMENDED BY STATE AND LOCAL AUTHORITIES HAVING JURISDICTION.
- FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL COORDINATE AND FIELD VERIFY LOCATIONS OF ALL UTILITY SERVICE LINES, OBSTRUCTIONS, TELEPHONE, WATER, GAS, SEWERAGE ETC), AS RELATED TO THIS JOB, OR THEREBY EFFECTED.



5200 Biffington Rd.  
Atlanta Georgia,  
30349-2998

Revisions:

Mark	Date	By
1	02/25/11	JR

GINT COMMENTS

Mark	Date	By
5	05/13/11	JR

CFA & WPC STEPHENS CHANGES

Mark	Date	By

Seal

AA 003420  
CA 8660  
604 COURTLAND STREET, SUITE 100  
ORLANDO, FLORIDA 32804  
PH 407.645.5008  
FX 407.629.9124

**INTERPLAN**  
ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

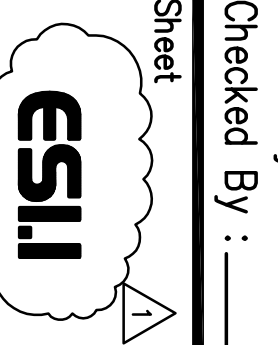
STORE  
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FSU S08

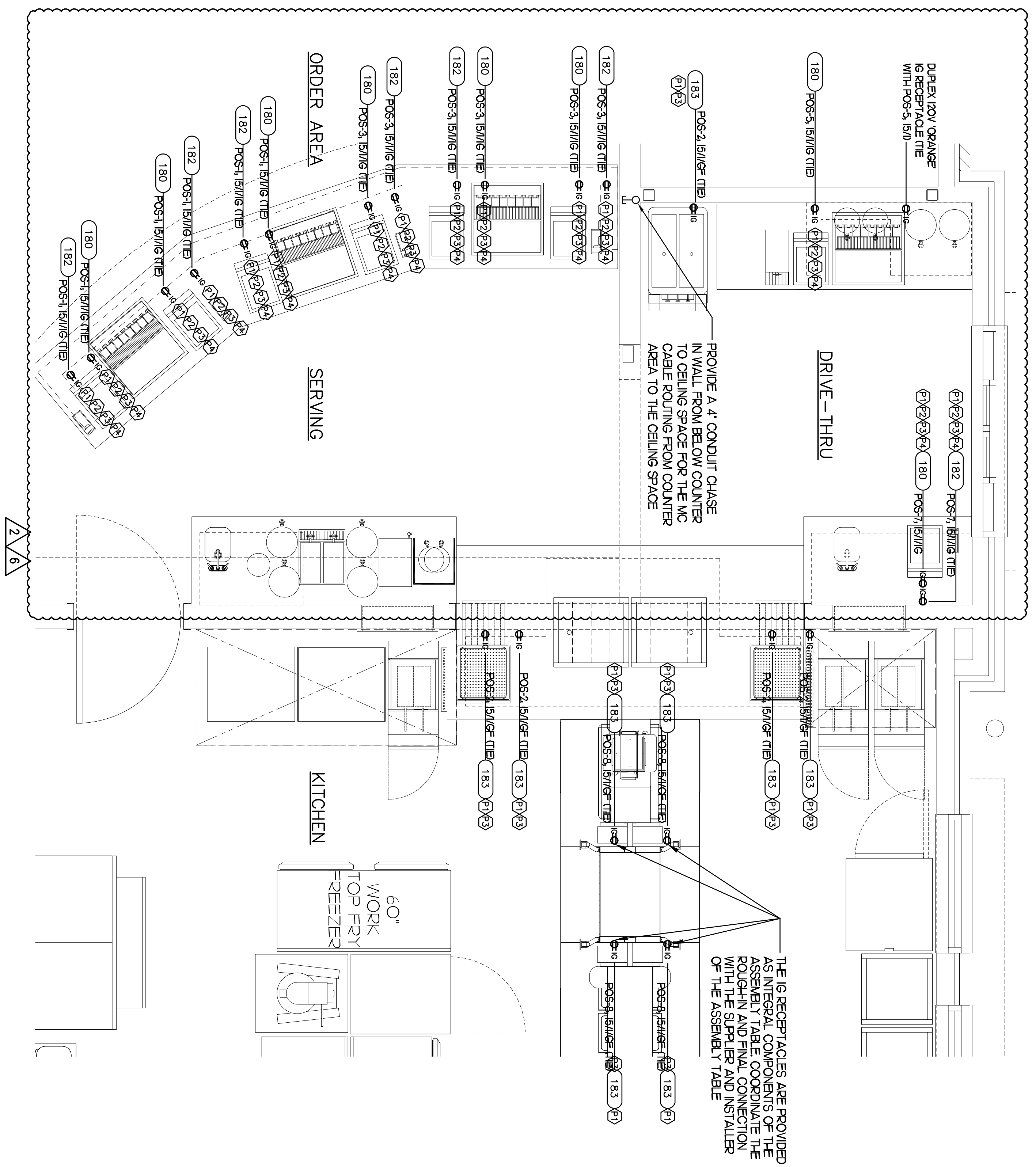
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OCALA, FLORIDA 34474

SHEET TITLE  
Electrical Site  
Plan

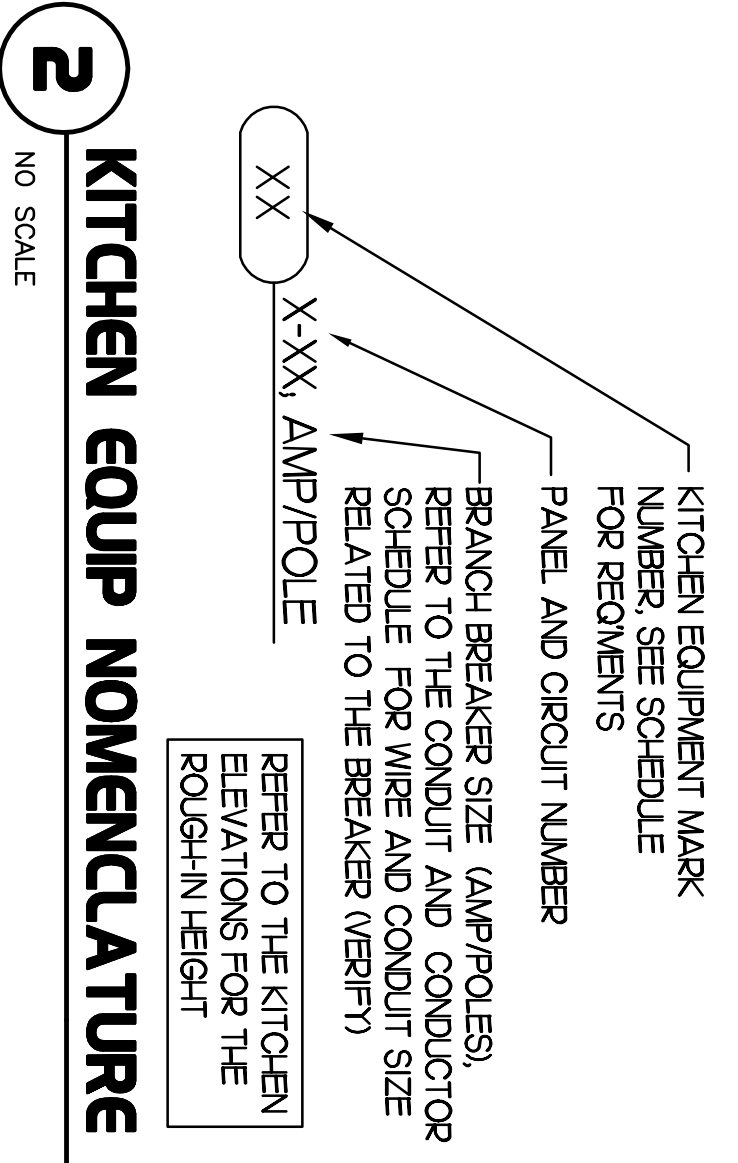
VERSION: S08N-104  
V5-C1  
ISSUE DATE: 10-2010

Job No. : 2010.0312  
Store : 2367  
Date : 1/17/11  
Drawn By :  
Checked By :





**1A** LARGE SCALE POS POWER PLAN - SERVING AREA  
SCALE: 1/2" = 1'-0"



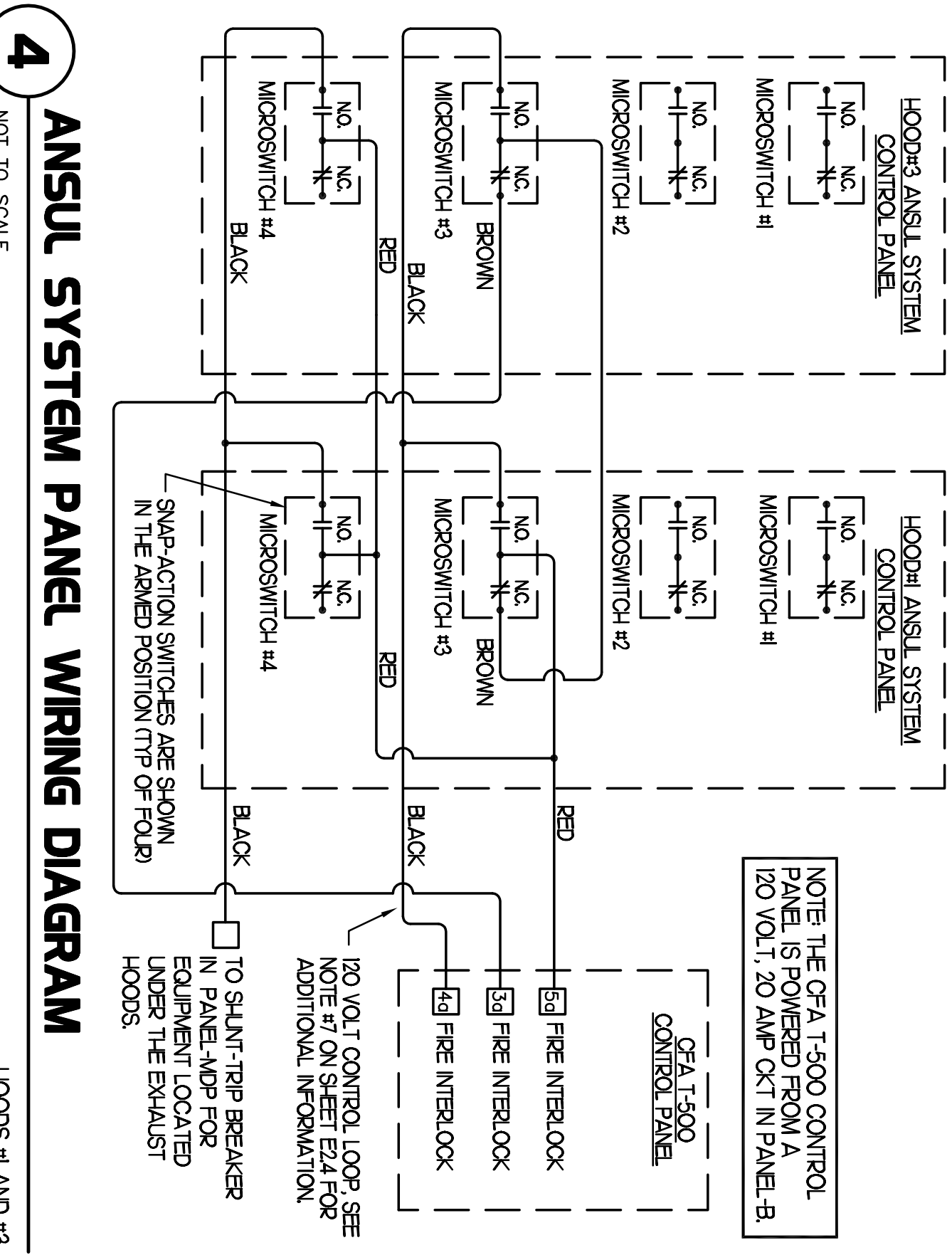
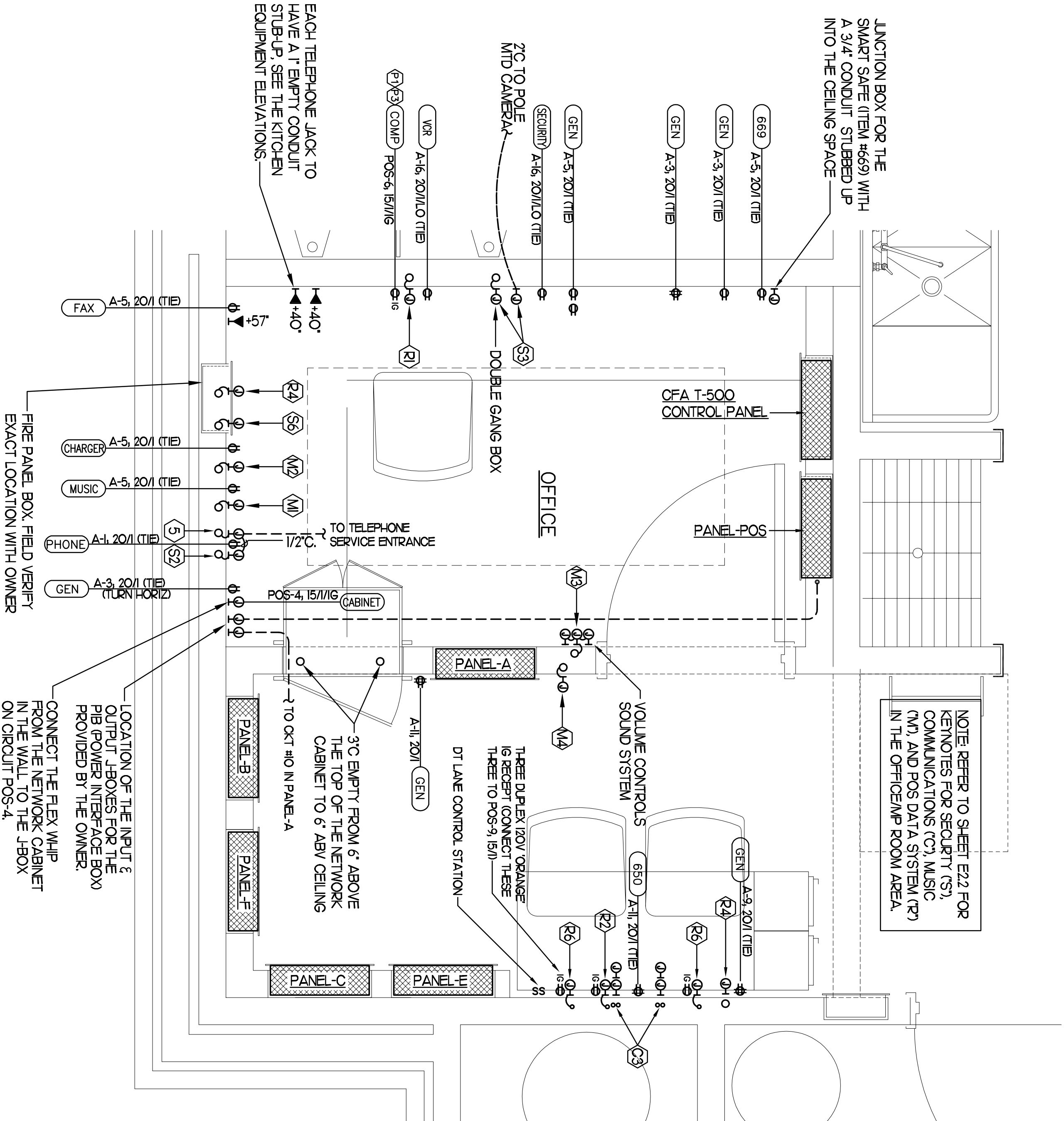
**2** KITCHEN EQUIP NOMENCLATURE  
NO SCALE

- 3** KEY NOTES - POS:
- (P1) PROVIDE ORANGE ISOLATED GROUND (IG) DUPLEX RECEPTACLE
  - (P2) PROVIDE GROUND FAULT PROTECTION FOR THESE DEVICES VIA A GROUND FAULT CIRCUIT BREAKER IF LOCAL CODE DEMANDS THIS A FOOD PREPARATION AREA.
  - (P3) USE TYPE MC CABLE FOR THE ISOLATED GROUND CIRCUIT. #12 HOT, NEUTRAL, GREEN GROUND STRIPPED 1/2" GND. EACH 1/2" HOOKUP SHALL BE DEDICATED TO A CIRCUIT BREAKER VIA DEDICATED CONDUCTORS WITHIN A CABLE ASSEMBLY. ALL MC CABLES SHALL BE RUN OVERHEAD ABOVE THE CEILING AND RACKED TOGETHER ON J-HOOKS. NO SPLICES IN ANY HOOKUP CABLES. CABLE TO BE AFC CABLE SYSTEM #MC-TUFF-IG.
  - (P4) THE RECEPTACLE BACKBOX AND SYSTEM CABLE JUNCTION BOX FOR ITEMS 180 AND 182 SHALL BE TURNED HORIZONTAL. REFER TO THE KITCHEN EQUIPMENT ROUGH-IN ELEVATIONS FOR ADDITIONAL INFORMATION.

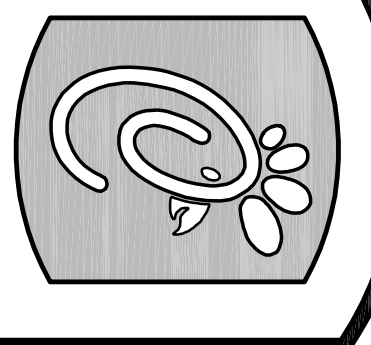
**NOTE:**  
RECEPTACLES FOR THE POS EQUIPMENT SHALL BE THE ONLY ITEMS THAT CONNECT TO PANEL POS. THERE SHALL BE NO OTHER LOADS CONNECTED TO THIS ISOLATED GROUND PANEL AND, IF SO, SHALL BE REMOVED AND RECONNECTED TO ANOTHER PANELBOARD AT THE EXPENSE OF THE CONTRACTOR.

**NOTE FOR POS GF IN KITCHEN:**  
THE CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL 120 VOLT, 15 AND 20 AMP ISOLATED GROUND RECEPTACLE OUTLET BRANCH CIRCUITS IN THE KITCHEN/FOOD PREPARATION AREAS. GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE BREAKER VIA A GROUND FAULT TYPE BRANCH BREAKER (GFCI TYPE ISOLATED GROUND RECEPTACLES ARE NOT AVAILABLE).

**1B** LARGE SCALE POS POWER PLAN - OFFICE/MP ROOM  
SCALE: 3/4" = 1'-0"



**4** ANSUL SYSTEM PANEL WIRING DIAGRAM  
NOT TO SCALE



5200 Buffington Rd,  
Atlanta Georgia,  
30349-2998

Revisions:  
1 04-07-11 TV STS OWNER REVISIONS  
2 07-01-11 TV STS OWNER REVISIONS

Work Date By  
3 04-07-11 TV STS OWNER REVISIONS

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**INTERPLAN**  
ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

3445 SW COLLEGE RD  
OCALA, FL 34474  
FSU S08

SHEET TITLE  
ENLARGED POS  
POWER PLAN  
VERSION: S08N-104  
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V5-01

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Date : 12/2010  
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**E2.5**

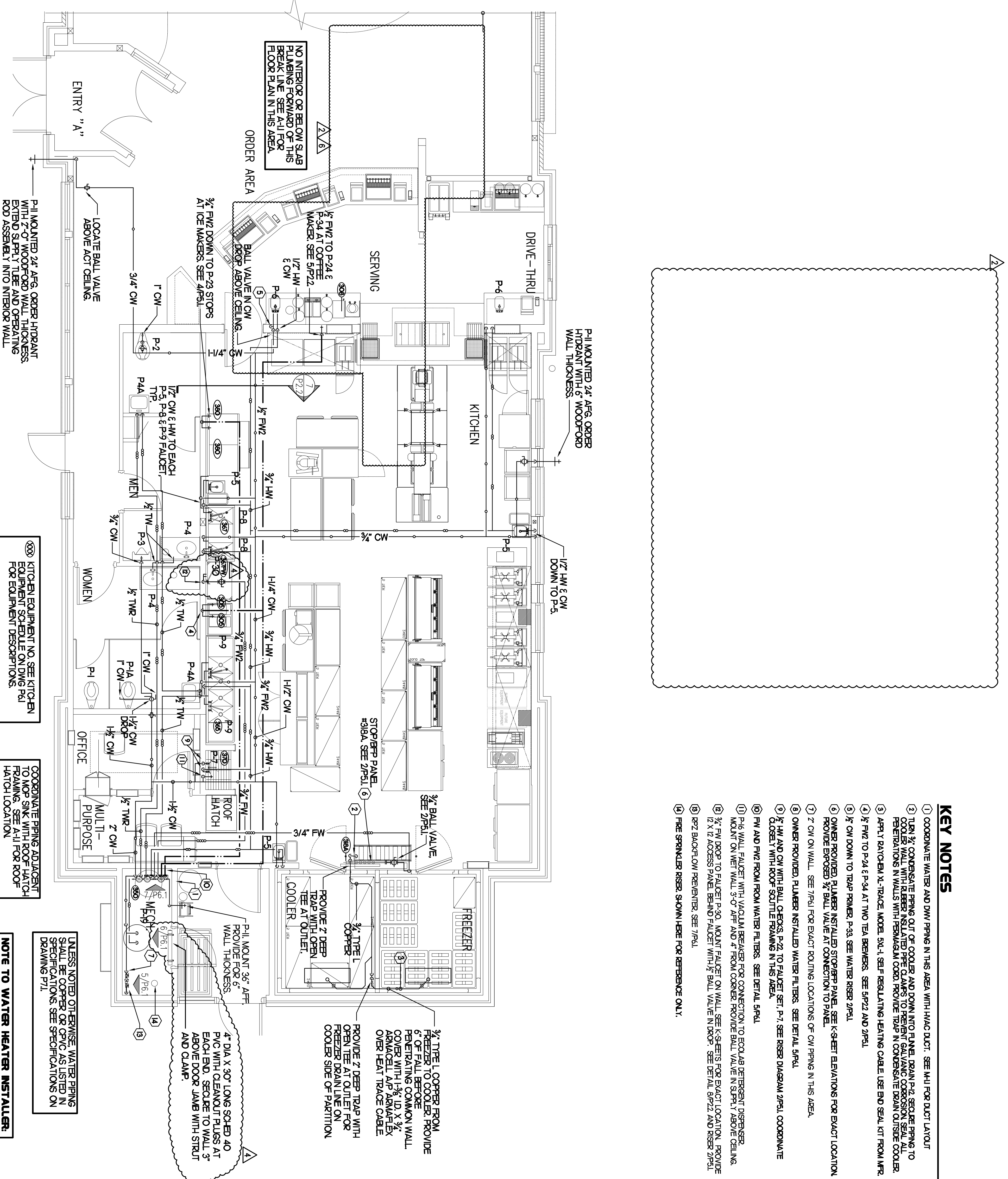




### 3. SHEET NOTES

- ① COORDINATE VENT TERMINAL LOCATIONS WITH FRESH AIR HOODS ON ROOFTOP EQUIPMENT SO AS TO MAINTAIN MINIMUM 5'-0" CLEARANCE
- ② HOLD ALL PIPING ABOVE THE CEILING TIGHT TO STRUCTURE DUCT LOCATIONS TAKE PRIORITY; SEE DRAWINGS FOR DUCT LAYOUT; COORDINATE CONDITIONS WITH GC.
- ③ SEE K-SHEET ELEVATIONS FOR KITCHEN EQUIPMENT WATER PIPING ROUGH-IN LOCATIONS.
- ④ SEE SHEET P-22 FOR BEVERAGE CONDUIT AND HELIUM TANK PIPING
- ⑤ SEE RISER DIAGRAM 1/P-1 FOR VENT PIPING. SEE ROOF PLAN 1/P-1 FOR VENT TRAU ROOF, VTRU, LOCATION

PIPING LEGEND	
	CW - COLD WATER
	HW - HOT WATER
	TW - TEMPERED WATER
	TWR - TEMPERED WATER RETURN
	FW - FILTERED WATER, TO P-30 & CARBOANATORS
	FV - FILTERED WATER, TO COFFEE, TEA & ICE
	G - NATURAL GAS
	BALL VALVE LINE SIZE, FULL PORT



### KEY NOTES

- ① COORDINATE WATER AND DWV PIPING IN THIS AREA WITH HVAC DUCT. SEE A-11 FOR DUCT LAYOUT
- ② THEN 3/4" CONDENSATE PIPING OUT OF COOLER AND DOWN INTO FLUVE. DRAIN P-12. SECURE PIPING TO COOLER WALL WITH RUBBER INSTALLED PIPE CLAMPS TO PREVENT GALVANIC CORROSION. SEAL ALL PENETRATIONS IN WALLS WITH PERMA-GUM COORD. PROVIDE TRAP IN CONDENSATE DRAIN OUTSIDE COOLER.
- ③ APPLY RAYCHEM X-TRACE MODEL 504-1 SELF-REGULATING HEATING CABLE USE BUD SEAL KIT FROM MFR.
- ④ 1/2" FW2 TO P-24 & P-24 AT TWO TEA BEWERS. SEE 5/P-22 AND 2/P-51.
- ⑤ 1/2" CW DOWN TO TRAP RISER. P-33. SEE WATER RISER 2/P-51.
- ⑥ OWNER PROVIDED RUBBER INSTALLED STOPPER PANEL. SEE K-SHEET ELEVATIONS FOR EXACT LOCATION. PROVIDE EXPOSED 3/4" BALL VALVE AT CONNECTION TO PANEL.
- ⑦ 2" CW ON WALL. SEE 7/P-61 FOR EXACT ROUTING LOCATIONS OF CW PIPING IN THIS AREA.
- ⑧ OWNER PROVIDED RUBBER INSTALLED WATER FILTERS. SEE DETAIL 5/P-61.
- ⑨ 1/2" HW AND CW WITH BALL CHECKS. P-22 TO FAUCET SET. P-7. SEE RISER DIAGRAM 2/P-51. COORDINATE CLOSELY WITH ROOF SCUTTLE FRAMING IN THIS AREA.
- ⑩ FW AND FW2 FROM ROOM WATER FILTERS. SEE DETAIL 5/P-61.
- ⑪ P-6 WALL FAUCET WITH VACUUM BREAKER FOR CONNECTION TO EQUALA DETENTED DISPENSER. MOUNT ON VENT WALL 3'-0" AFF AND 4" FROM CORNER. PROVIDE BALL VALVE IN SPP-11 ABOVE CEILING.
- ⑫ 3/4" FW DROP TO FAUCET P-30. MOUNT FAUCET ON WALL. SEE K-SHEET'S FOR EXACT LOCATION. PROVIDE 12" X 12" ACCESS PANEL BEHIND FAUCET WITH 1/2" BALL VALVE IN DROP. SEE DETAIL 5/P-22 AND RISER 2/P-51.
- ⑬ 8/32 BACKFLOW PREVENTER. SEE 7/P-61.
- ⑭ FIRE SPRINKLER RISER. SHOWN HERE FOR REFERENCE ONLY.

### 1 WATER PIPING PLAN

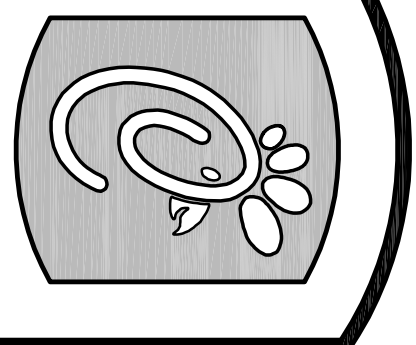
1/4"=1'-0"

⊗ KITCHEN EQUIPMENT NO. SEE KITCHEN EQUIPMENT SCHEDULE ON DWG P-1 FOR EQUIPMENT DESCRIPTIONS.

⊗ COORDINATE PIPING ADJACENT TO WOP SINK WITH ROOF HATCH FRAMING. SEE A-11 FOR ROOF HATCH LOCATION.

UNLESS NOTED OTHERWISE WATER PIPING SHALL BE COPPER OR CPVC AS LISTED IN SPECIFICATIONS. SEE SPECIFICATIONS ON DRAWING P-11.

**NOTE TO WATER HEATER INSTALLER:**  
POSITION VALVES AND TRIM IN WATER HEATER CLOSEST TO VISIBLE OBSERVATION OF VALVES AND TRIM IS UNRESTRICTED AND SUCH THAT ACCESS FOR OPERATION OR REPAIR IS POSSIBLE WITHOUT USE OF STEPLADDERS OR ANY NEED TO DISASSEMBLE ANY COMPONENTS.



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Revisions:  
Work Date By

2	04-07-11	TV	SITS OWNER REVISIONS
4	05-09-11	TV	OWNER REVIEW COMMENTS
5	05-12-11	TV	IFCC REVISIONS
6	07-01-11	TV	SITS OWNER REVISIONS

Scale

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**INTERPLAN** 3111  
ARCHITECTURE  
ENGINEERING  
INTERIOR DESIGN  
PROJECT MANAGEMENT

STORE  
OCALA, FL  
FSU S08

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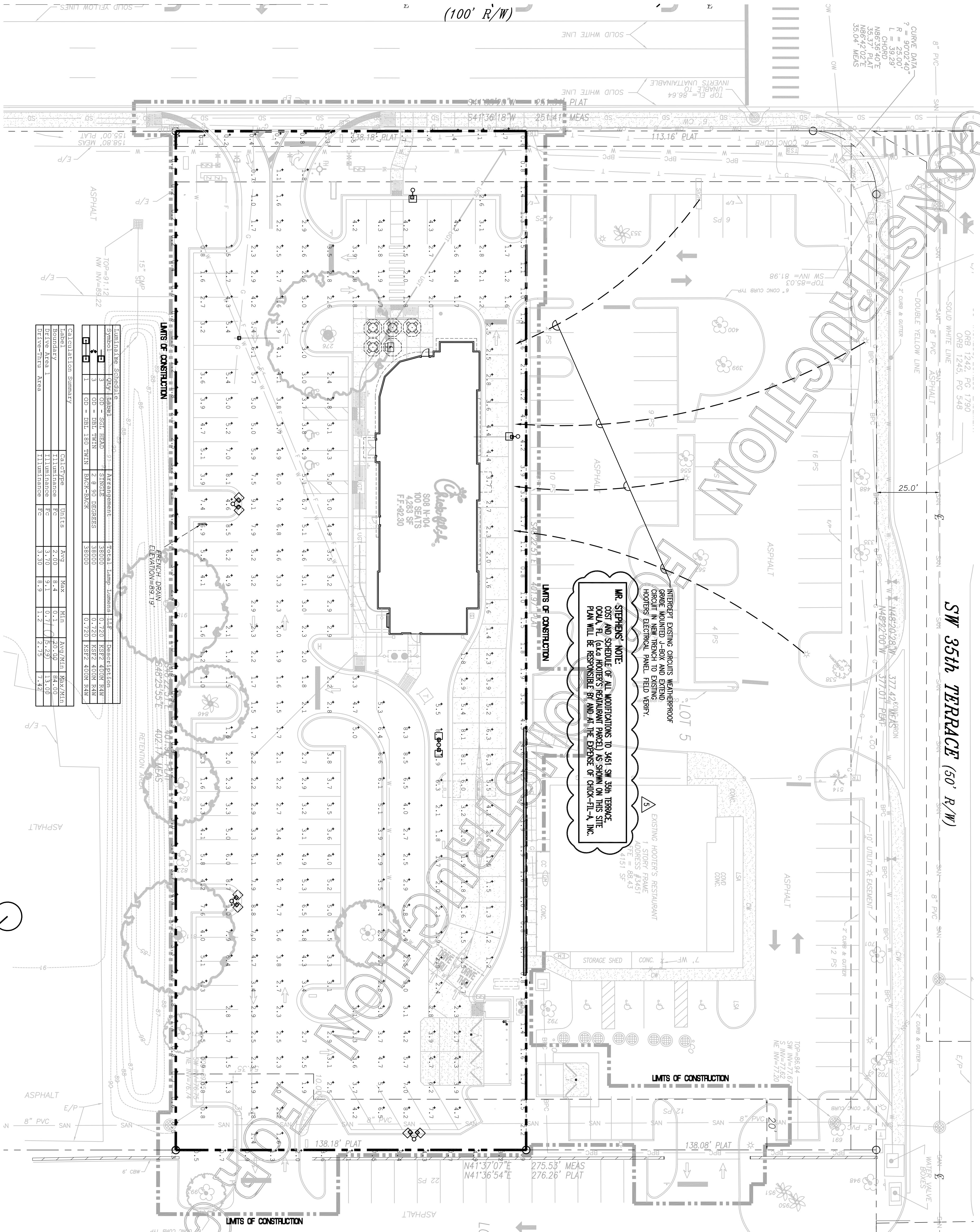
SHEET TITLE  
WATER PIPING  
PLANS & DETAILS

VERSION: S08N-104  
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Store : 2367  
Date : 12/2010  
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**P-2.1**

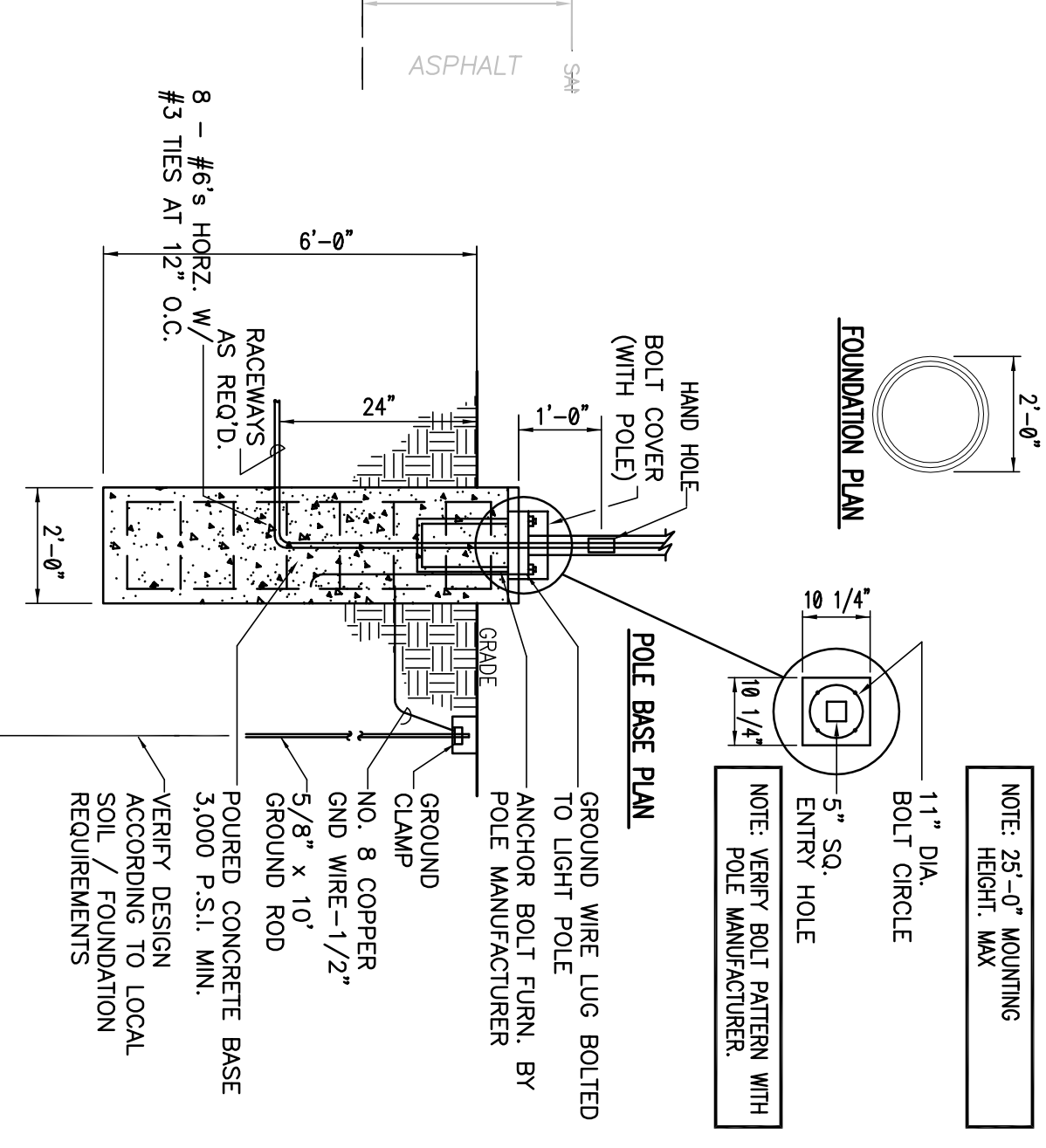
FOR CONSTRUCTION



SW 35th TERRACE (50' R/W)

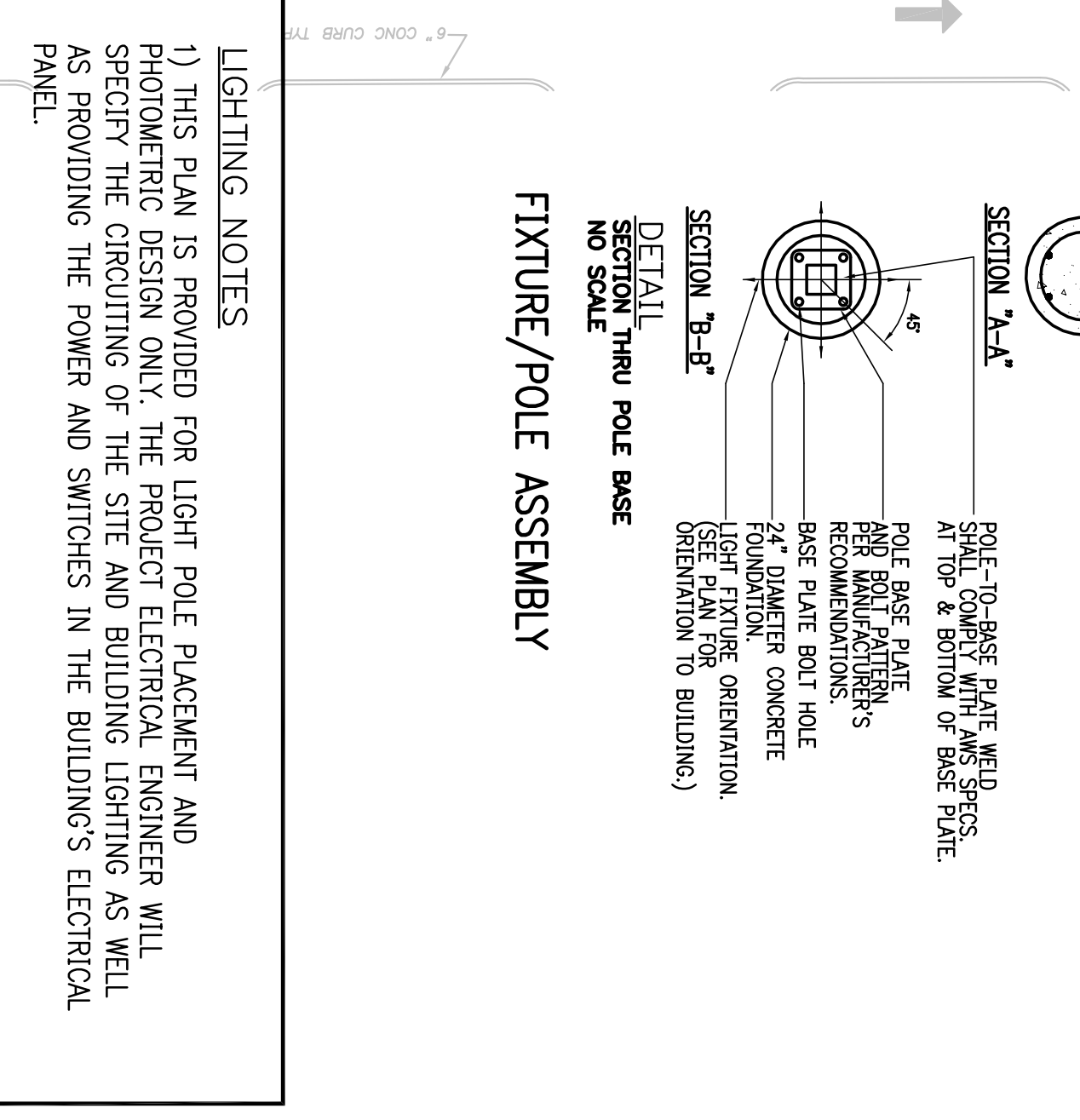
**MR. STEPHENS' NOTE:**  
 COST AND SCHEDULE OF ALL MODIFICATIONS TO 345 SW 35th TERRACE, OKALA, FL (OLD HOOTER'S RESTAURANT PARKED AS SHOWN ON THIS SITE PLAN) WILL BE RESPONSIBLE BY AND AT THE EXPENSE OF CHICK-FIL-A, INC.

Estimate Item Schedule		Quantity	Unit	Description	Rate	Total
1	3" DIA. 180' TWIN CONC-CHNK	1	LINEAL FOOT	3" DIA. 180' TWIN CONC-CHNK	35000	35000
2	2" DIA. 90' TWIN CONC-CHNK	2	LINEAL FEET	2" DIA. 90' TWIN CONC-CHNK	17500	35000
3	1" DIA. 45' TWIN CONC-CHNK	1	LINEAL FOOT	1" DIA. 45' TWIN CONC-CHNK	35000	35000
<b>Calculation Summary</b>						
Subtotal						105000
Permit Fee						2000
Design Fee						10000
Construction Fee						10000
<b>Total</b>						<b>137000</b>



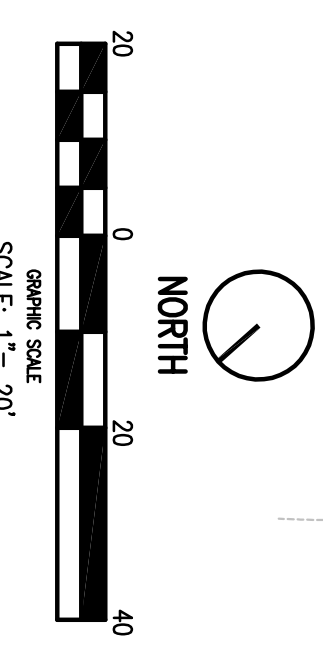
1 CONCRETE BASE FOR LIGHT POLE NIS

- NOTES:**
- 3000 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BAR.
  - IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
  - FOUNDATION EXCAVATION SHALL BE BY 24" AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL. AN INSPECTED DURING THE CONSTRUCTION OF THE SITE LIGHT POLE MUST BE PERFORMED AND RECORDED BY A CERTIFIED SPECIAL INSPECTOR EMPLOYED BY THE OWNER.
  - MINIMUM ALLOWABLE SOIL BEARING PRESSURE 3000 PSF. NOTIFY ENGINEER IF BEARING PRESSURE IS LESS.
  - AIR ENTRAINMENT: 4 TO 6%
  - POLE TO BE CERTIFIED FOR 130 MPH WIND LOAD BY MANUFACTURER.



**LIGHTING NOTES**

1) THIS PLAN IS PROVIDED FOR LIGHT POLE PLACEMENT AND PHOTOGRAPHIC DESIGN ONLY. THE PROJECT ELECTRICAL ENGINEER WILL SPECIFY THE CIRCUITING OF THE SITE AND BUILDING LIGHTING AS WELL AS PROVIDING THE POWER AND SWITCHES IN THE BUILDING'S ELECTRICAL PANEL.



SITE LIGHTING PLAN

1" = 20'

5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

**Revisions:**

Mark	Date	By
5	05/13/11	JR

CHAANGES  
GFA & MR. STEPHENS

Mark	Date	By

Seal

**INTERPLAN**  
 ARCHITECTURE  
 ENGINEERING  
 INTERIOR DESIGN  
 PROJECT MANAGEMENT

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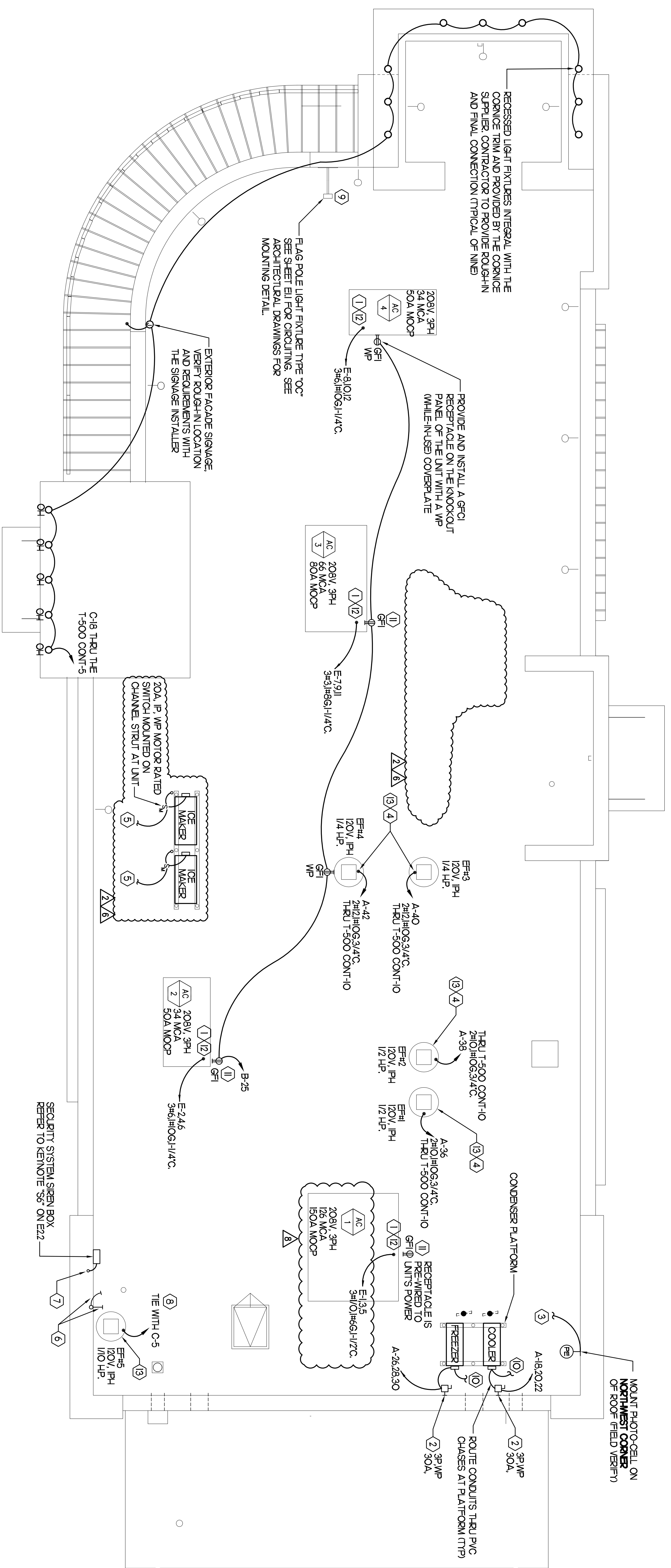
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 ISSUE DATE: 10-2010

Job No. : 2010.0312  
 Store : 2367  
 Date : 1/17/11  
 Drawn By :  
 Checked By :

SHEET TITLE  
 ELECTRICAL  
 SITE PLAN/  
 PHOTOMETRICS

ES-10

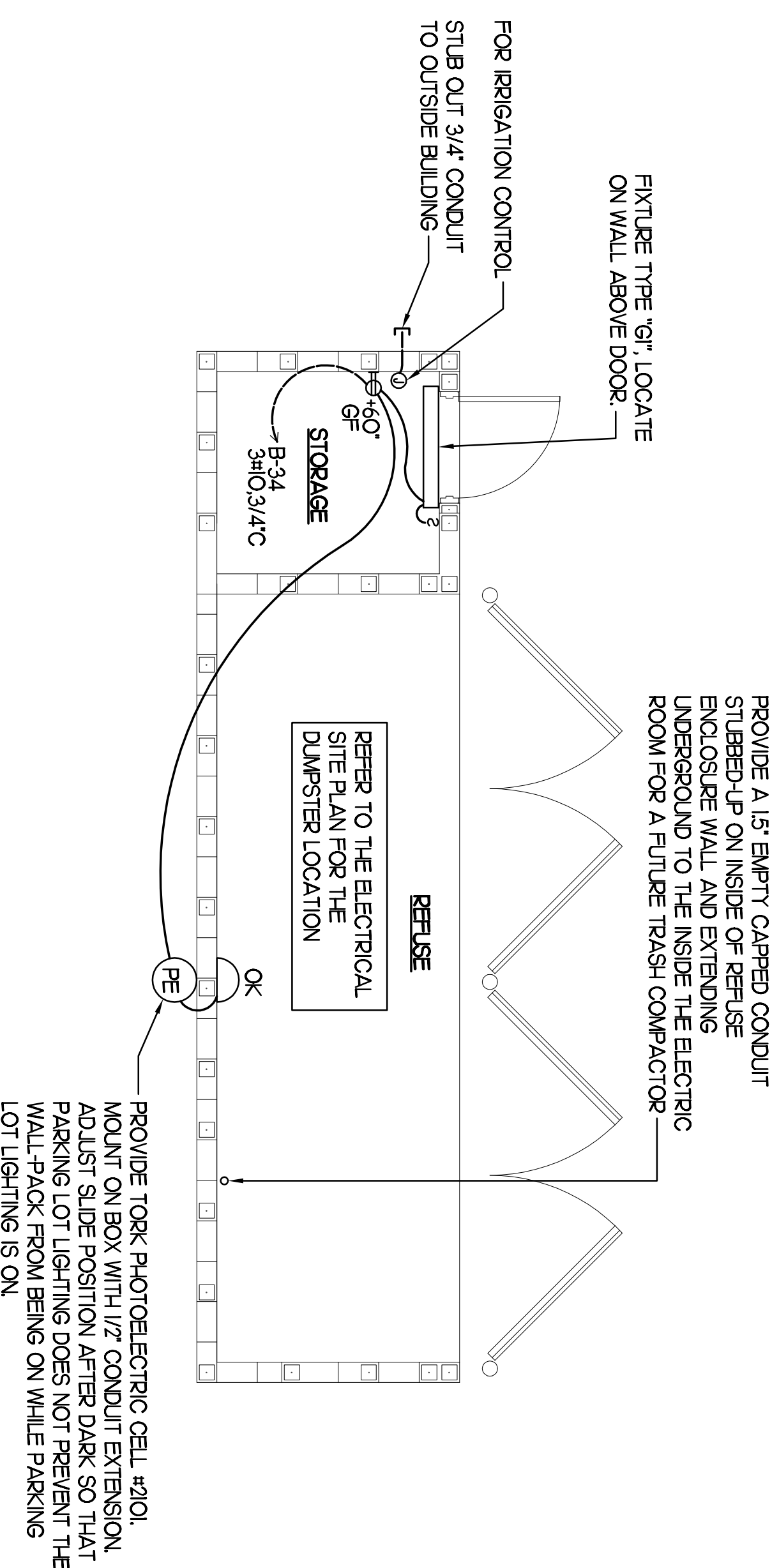
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## 1 ROOF ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

NOTE: REFER TO MECHANICAL DRAWINGS FOR ROOFTOP PACKAGED AC UNIT SCHEDULE. ALL UNITS ARE FURNISHED WITH FACTORY INSTALLED DISCONNECT SWITCH. REFER TO SAME SCHEDULE FOR INDICATION OF UNITS FURNISHED WITH FACTORY RECEPTACLE FOR COMPLIANCE WITH NEC 210-63.



## 2 REFUSE ENCLOSURE PLAN - ELECTRICAL

SCALE: 1/4" = 1'-0"

## 3 KEY NOTES - ROOF ELECTRICAL PLAN:

- 1 ROUTE ELECTRICAL CONDUITS TO UNIT CONNECTIONS THROUGH WEATHERPROOF RADIANT FINISHED WITH UNIT. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS.
- 2 MOUNT DISCONNECT SWITCHES FOR WIC AND WIF CONDENSERS ON UNSTRUCT WITH CONDUIT INTO WALL AND THEN DOWN INTO CEILING SPACE BELOW (NOT THRU ROOF). PROVIDE FUSE SIZE PER MANUFACTURER REQUIREMENTS.
- 3 CONNECT PHOTOCELL TO CONTROL PANEL. T-500 TERMINALS AS DIRECTED BY SAKODAST ENVIRONMENTAL INC WIRING DIAGRAMS PHOTO-CELL FINISHED WITH PANEBOARD ORDER AND INSTALLED BY CONTRACTOR.
- 4 COORDINATE EXACT LOCATION OF CONDUIT AND DISCONNECT AT EXHAUST FAN. CONDUIT SHALL BE INSTALLED THROUGH ROOF ON OUTSIDE OF FAN CURB. CONDUIT SHALL BE LOCATED AT FAN HANG SQU. THAT THE FAN HOOD CAN BE FULLY HUNG OPEN AND NOT TOUCH THE CONDUIT. PROVIDE 1/4" DIAMETER LOOP IN THE FLEXIBLE CONDUIT BETWEEN THE ROOF AND THE FAN ELECTRICAL CONNECTION.
- 5 ROUTE NUMBER OF CONDUITORS PER MANUFACTURERS REONVENTS IN A 3/4" CONDUIT TO ICE WAGER BELOW FOR POWER AND CONTROL. OF ICE WAGER CONDENSING UNIT.
- 6 PROVIDE 3/4" CONDUIT THROUGH PARAPET FOR COAX CABLE TO MUSIC SYSTEM ANTENNA ON ROOF. TERMINATE OPEN ENDS APPROXIMATELY 10' ABOVE AND 10' BELOW ROOF. SECURE LOWER END OF CONDUIT TO STRUCTURE. WATERPROOF BOOT ON ROOF OPENING FINISHED AND INSTALLED BY ROOFING CONTRACTOR. PROVIDE #6 CU GROUND IN 3/4" TO ELECTRICAL SERVICE GROUND FROM ANTENNA.
- 7 PROVIDE 1/2" EG. THRU PARAPET FOR SECURITY SYSTEM CABING. TERMINATE OPEN ENDS APPROXIMATELY 10' BELOW TOP OF PARAPET WALL AND ABOVE OFFICE CEILING. SECURE CONDUIT TO STRUCTURE.
- 8 COORDINATE EXACT LOCATION OF CONDUIT AND DISCONNECT AT EXHAUST FAN. CONDUIT SHALL BE ROUTED THROUGH DUCTWORK WITHIN FAN ROOF CURB AND TO THE FAN WHERAVL. PROVIDE SEAL/TIGHT FITTINGS AS THE CONDUIT ENTERS AND LEAVES THE DUCTWORK. INTERLOCK WITH LIGHTING CIRCUIT IN RESTROOM. REFER TO E21 FOR CONTINUATION.
- 9 MOUNT TYPE 'OC' LIGHTING FIXTURE WITH INTEGRAL SLIPTRER. ON PIPE. PIPE WILL BE PROVIDED BY OTHER TRADES. AMBI LIGHTING FIXTURE AT NIGHT FOR BEST ILLUMINATION OF FLAG.
- 10 CONNECT POWER FROM EACH CONDENSING UNITS COMPRESSOR CONTRACTOR TO THE EVAPORATOR COIL UNITS JUNCTION BOX BELOW. REFER TO E24 FOR LOCATION.
- 11 CONVENIENCE RECEPTACLE PROVIDED PRE-INSTALLED IN HVAC UNIT. CONNECT TO NO VOLT CIRCUIT AS REQUIRED AND/OR AS INDICATED.
- 12 A/C UNIT DISCONNECT IS FURNISHED WITH A/C UNIT AND SHALL BE CONNECTED BY THE CONTRACTOR.
- 13 EXHAUST FAN IS FURNISHED WITH A PREMISED DISCONNECT.



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**INTERPLAN**  
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Revisions:

Work	Date	By
4	04-07-11	TV
5	07-01-11	TV
6	07-11-11	XC
7	07-11-11	XC
8	07-11-11	XC
9	07-11-11	XC
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**E2.3**