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POWER AND SIGNAL PLAN
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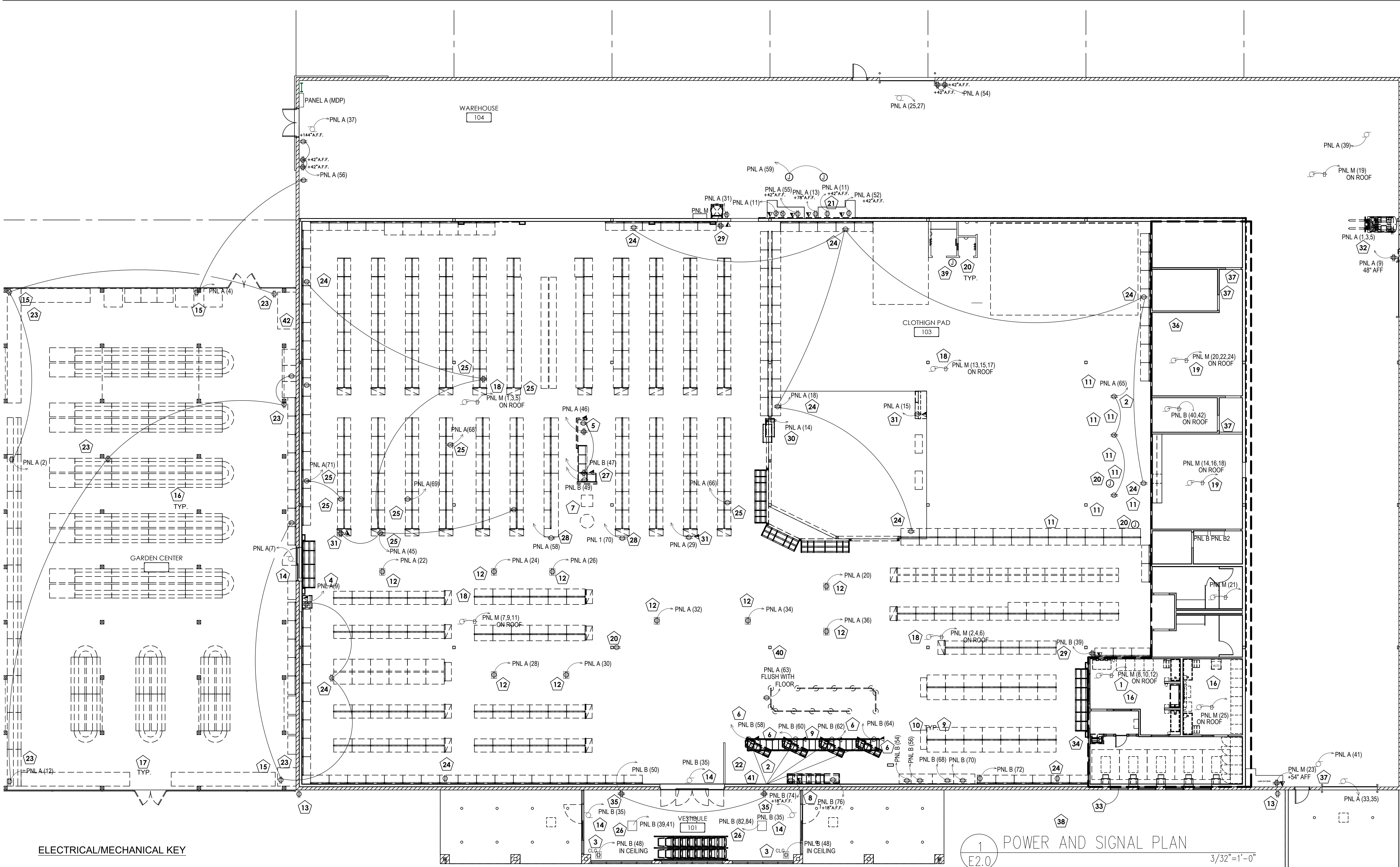
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SHEET NOTES

- CONTRACTOR TO COORDINATE WITH OWNER FOR LOCATION OF ROPE CUTTER. PROVIDE RECEPTACLE, CIRCUIT (73) PANEL B.
- CONTRACTOR TO COORDINATE WITH OWNER TO LIGHT GONDOLA DISPLAY.
- CONTRACTOR TO COORDINATE SECURITY SYSTEM INSTALLATION WITH SECURITY SYSTEM PROVIDER. CONTRACTOR TO INSTALL FIRE ALARM SYSTEM PER SPECIFICATIONS.
- UNLESS OTHERWISE NOTED 120 VOLT 20 AMP BRANCH CIRCUITS SHALL BE (2) #12 THHN, (1) #12 GRND, 1/2" CONDUIT
- CONTRACTOR TO VERIFY LOCATIONS OF EQUIPMENT AND DEVICES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH IN.
- CONTRACTOR TO PROVIDE CAT 6 CABLEING TO TWO PORT DATA PORTS AS SHOWN.
- CONTRACTOR TO PROVIDE PERMANENT, TYPE WRITTEN PANEL SCHEDULES FOR ALL PANELS. CONTRACTOR TO PROVIDE CIRCUIT LABELING ON ALL RECEPTACLES.
- CONTRACTOR TO COORDINATE INSTALLATION OF NEW ELECTRICAL COMPONENTS AND DEVICES WITH GENERAL CONTRACTOR. ALL NEW CONDUIT, BOXES AND COMPONENTS TO BE CONCEALED IN WALLS/CEILINGS.
- CONTRACTOR TO COORDINATE ELECTRICAL REQUIREMENTS WITH PLUMBING, HVAC CONTRACTORS AND APPROVED WILCO FIXTURE LAYOUT.
- CONTRACTOR TO COORDINATE WITH DOOR HARDWARE SUPPLIER FOR AUTOMATIC DOOR POWER REQUIREMENTS.
- DATA AND POWER AT 48" ± AT LOOKUPS.

KEY NOTES

- 1 PROVIDE 208 VOLT, 3 PHASE, 40 AMP CIRCUIT TO ROOFTOP UNIT. PROVIDE NEW 40 AMP, 3 POLE, HACR RATED BREAKER IN PANEL M. COORDINATE DISCONNECT WITH MECHANICAL CONTRACTOR, ROUTE CIRCUIT UP THROUGH CURB INTO UNIT. (4) #8 THHN, (1) #10 CU GROUND IN 1-1/4" CONDUIT.
- 2 PROVIDE (2) 3/4" CONDUITS FROM WALL TO CHECKOUT COUNTER BELOW SLAB.
- 3 CONTRACTOR TO COORDINATE LOCATION OF RECEPTACLE FLUSH IN CEILING FOR SIGN DISPLAYS WITH ARCHITECT.
- 4 CONTRACTOR TO PROVIDED QUAD RECEPTACLE AND DUPLEX DATA OUTLET AT 43" AFF TO BOTTOM OF COVER PLATE.
- 5 EXTEND UNDER SLAB CONDUIT FROM PAINT COUNTER TO WALL, ADD QUAD OUTLET IN WALL. TERMINATE CONDUIT AT TOP OF WAREHOUSE WALL.
- 6 CONTRACTOR TO COORDINATE LOCATION OF RECEPTACLES IN FRONT CASH REGISTER AREA AND BACK WALL RECEPTACLES WITH ARCHITECTURAL PLANS AND OWNER PRIOR TO ROUGH IN. CONTRACTOR TO ROUTE CONDUIT IN SLAB FOR POWER AND DATA.
- 7 CONTRACTOR TO PROVIDE CIRCUIT FOR HANGING LIGHTS OVER PAINT AREA TABLES. PANEL L CIRCUIT (20).
- 8 COORDINATE LOCATION OF RECEPTACLE(S) AND DATA AT COUNTER FOR PRINTER.
- 9 CONTRACTOR TO COORDINATE RECEPTACLE WITH OWNER PROVIDED EQUIPMENT PRIOR TO ROUGH IN.
- 10 CONTRACTOR TO COORDINATE LOCATION OF RECEPTACLES WITH ARCHITECTURAL DRAWINGS AND OWNER'S REPRESENTATIVE PRIOR TO ROUGH IN.
- 11 CONTRACTOR TO STRIP LIGHTING ON GONDOLAS. SEE LIGHTING SHEETS FOR FIXTURE TYPES. CONTRACTOR TO ROUTE POWER IN CONDUIT DOWN FROM CEILING TO GONDOLAS.
- 12 CONTRACTOR TO PROVIDE RECEPTACLE AT ROOF JOISTS FOR CORD REELS. CONTRACTOR TO COORDINATE EXACT LOCATION OF CORD REELS WITH ARCHITECT. PROVIDE AND INSTALL CORD REELS AT EACH LOCATION.
- 13 CONTRACTOR TO PROVIDE WEATHER PROOF RECEPTACLE ON EXTERIOR FOR CHRISTMAS LIGHTS. CIRCUIT THROUGH PANEL L. COORDINATE LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH IN.
- 14 CONTRACTOR TO PROVIDE CIRCUIT FOR DOOR. PROVIDE TRANSFORMER AS REQUIRED FOR DOOR OPERATION.
- 15 CONTRACTOR TO PROVIDE GFCI PROTECTED RECEPTACLE AT TOP OF COLUMN. PROVIDE ONE PLUG SWITCH AND OTHER PLUG UNSWITCHED. CONTRACTOR TO PROVIDE POWER DROP IN CONDUIT DOWN TO 52 INCHES ABOVE FINISHED FLOOR CONNECTED TO NON SWITCHED CIRCUIT. COORDINATE WITH OWNER AND ARCHITECT PRIOR TO ROUGH IN.
- 16 CONTRACTOR TO PROVIDE GFCI PROTECTED CIRCUITS FOR ALL RECEPTACLES IN GREENHOUSE AND DOG GROOMING/BATHING.
- 17 CONTRACTOR TO PROVIDE PROVISION FOR DOOR ALARM PANIC HARDWARE. COORDINATE WORK WITH THE ARCHITECT AND OWNER PRIOR TO ROUGH IN.
- 18 PROVIDE 208 VOLT, 3 PHASE, 100 AMP CIRCUIT TO ROOFTOP UNIT. PROVIDE NEW 100 AMP, 3 POLE, HACR RATED BREAKER IN PANEL M. COORDINATE DISCONNECT WITH MECHANICAL CONTRACTOR, ROUTE CIRCUIT UP THROUGH CURB INTO UNIT. (4) #1 THHN, (1) #6 CU GROUND IN 2" CONDUIT. CONTRACTOR TO COORDINATE SMOKE DETECTION SHUT DOWN WITH MECHANICAL CONTRACTOR.
- 19 PROVIDE 208 VOLT, 3 PHASE, 25 AMP CIRCUIT TO ROOFTOP UNIT. PROVIDE NEW 25 AMP, 3 POLE, HACR RATED BREAKER IN PANEL M. COORDINATE DISCONNECT WITH MECHANICAL CONTRACTOR, ROUTE CIRCUIT UP THROUGH CURB INTO UNIT. (4) #8 THHN, (1) #10 CU GROUND IN 1" CONDUIT.



ELECTRICAL/MECHANICAL KEY

- ⊕ DUPLEX RECEPTACLE OUTLET @ 18" A.F.F. U.N.O.
- ⊕ SWITCHED RECEPTACLE OUTLET @ 18" A.F.F. U.N.O.
- ⊕ AFCI DUPLEX RECEPTACLE OUTLET @ 18" A.F.F. U.N.O. W/ ARC-FAULT CIRCUIT INTERRUPTER
- ⊕ GFI DUPLEX RECEPTACLE OUTLET W/ GROUND FAULT CIRCUIT INTERRUPTER
- ⊕ WP WEATHER PROOF DUPLEX RECEPTACLE OUTLET (GFI PROTECTED PER NEC210-8(a)3)
- △ 2 PORT DATA JACK, LABEL PER OWNER,
- ⊕ 4-PLEX RECEPTACLE OUTLET
- ⊕ CLG CEILING DUPLEX RECEPTACLE OUTLET
- ⊕ SPECIAL RECEPTACLE, REFER TO NOTES.
- 20 CONTRACTOR TO COORDINATE POWER LOCATION AND NEEDS WITH PINNACLE DIGITAL SURVEILLANCE. CIRCUIT AS NEEDED USING PNL A (6,16). CONTRACTOR TO PROVIDE CONDUIT AS NEEDED FOR DROPS AS WELL AS ANY SINGLE GANG BOXES AND/OR ANY NEEDED RECEPTACLES TO MEET NEEDS FOR AN OPERATIONAL SURVEILLANCE SCREEN.
- 21 CONTRACTOR TO RUN CONDUIT FROM TOP OF WALL DOWN WALL CAVITY. REMAIN ACCESSIBLE FROM WAREHOUSE SIDE.
- 22 CONTRACTOR TO COORDINATE LOCATION OF RECEPTACLE FOR SECURITY SYSTEM MONITOR WITH SECURITY SYSTEM SUPPLIER AND OWNER PRIOR TO ROUGH IN.
- 23 CONTRACTOR TO PROVIDE SCHAEFER VK8 FAN WITH CORD WITH PLUG TO CONNECT TO SWITCHED RECEPTACLE. COORDINATE HEIGHT WITH OWNER PRIOR TO ROUGH IN.
- 24 CONTRACTOR TO PROVIDE GFCI RECEPTACLE AT BASE OF GONDOLAS. RECEPTACLES TO BE BLACK WITH A BLACK FACE PLATE. COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH IN. RUN CONDUIT UNDER SLAB.
- 25 CONTRACTOR TO PROVIDE DROP FROM CEILING TO TOP OF GONDOLA. COORDINATE LOCATION OF CONDUIT TERMINATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH IN.
- 26 CONTRACTOR TO PROVIDE MARKEL G3484A1 OR APPROVED ELECTRIC UNIT HEATER. RECESS MOUNT IN CEILING, INTERLOCK WITH DOOR PER OREGON ENERGY CODE. PROVIDE WITH WALL MOUNTED THERMOSTAT.
- 27 CONTRACTOR TO LOCATE QUAD RECEPTACLE AND DATA IN FLOOR AND ANOTHER IN COUNTER. COORDINATE EQUIPMENT REQUIREMENTS PRIOR TO ROUGH IN.
- 28 CONTRACTOR TO PROVIDE POWER DROP TO TOP OF GONDOLA IN CONDUIT. PROVIDE RECEPTACLE AT TOP OF GONDOLA. COORDINATE HEIGHT AND FINISH WITH OWNER PRIOR TO ROUGH IN. LOCATE RECEPTACLE WITH IN FIRST 4' OF GONDOLA SECTION.
- 29 CONTRACTOR TO PROVIDE DUPLEX RECEPTACLE AND DATA IN WALL AT 44" A.F.F., COORDINATE INSTALLATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH IN. BLANK OFF FOR FUTURE USE.
- 30 CONTRACTOR TO PROVIDE CONDUIT DOWN FROM CEILING, RUN TIGHT ON INSIDE OF RACEWAY COLUMN ON WEST SIDE MOUNT AT 7/8" AFF.
- 31 CONTRACTOR TO ROUTE CONDUIT UNDER SLAB, EXTEND UP TO PROVIDE RECEPTACLE AND DATA IN LOOK UP STATION CASE WORK.
- 32 CONTRACTOR TO PROVIDE RECEPTACLE FOR FORK LIFT CHARGING STATION. CONTRACTOR TO REVIEW LOCATION, POWER REQUIREMENTS AND RECEPTACLE WITH OWNER PRIOR TO ROUGH IN. (4) #10 THHN, (1) #10 CU GROUND IN 1" CONDUIT.
- 33 REFER TO SHEET E2.1 FOR ENLARGED POWER AND SIGNAL PLANS.
- 34 CONTRACTOR TO PROVIDE RECEPTACLE FOR BARBER POLE. CENTER BETWEEN DOOR AND WINDOW. LOCATE CENTER AT 53" AFF. VERIFY WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH IN.
- 35 CONTRACTOR TO LOCATE QUAD RECEPTACLES AT 18" AFF, CENTERED ON OPEN WALL SPACE.
- 36 CONTRACTOR TO PROVIDE 1" CONDUIT FROM IT ROOM TO ROOF WITH GOOSENECK STYLE ROOF PENETRATION. COORDINATE NEEDS WITH SERVICE PROVIDER.
- 37 CONTRACTOR TO COORDINATE WITH KEY CARD ACCESS SUPPLIER POWER REQUIREMENTS NEEDED FOR OPERATIONAL SYSTEM. VERIFY LOCATION WITH OWNER REPRESENTATIVE PRIOR TO ROUGH IN.
- 38 CONTRACTOR TO COORDINATE WITH PROPANE SUPPLIER FOR POWER REQUIREMENTS, CIRCUIT USING PNL B (78). COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH IN.
- 39 CONTRACTOR TO RUN CONDUIT FROM TOP OF CEILING DOWN TO MIDDLE WALL OF FITTING ROOMS IN SUPPORT OF CAMERA VIDEO SCREEN.
- 40 CONTRACTOR TO PROVIDE RECEPTACLE @ 7" A.F.F. RUN CONDUIT FROM CEILING DOWN COLUMN.
- 41 CONTRACTOR TO PROVIDE CONDUIT FROM TOP OF WALL TO UNDER SLAB FOR POWER TO PEPSI COOLER AND OAKLEY CASE. LOCATE PRIOR TO ROUGH IN, CIRCUIT PNL A (73).
- 42 CONTRACTOR TO PROVIDE 2 SWITCHES CONTROLLING (6) GREENHOUSE FANS. CIRCUIT SO EACH SWITCH CONTROLS FARTHEST DIAGONAL (2) FANS AND MIDDLE (1) FAN. EACH SWITCH TO CONTROL (3) FANS. COORDINATE LOCATION WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH IN.

