

NOTE:
FOR INTEGRATED POWER CENTER (IPC) PLEASE CONTACT NATIONAL ACCOUNT VENDORS FOR SITE SPECIFIC PRODUCT DRAWINGS, EQUIPMENT LAYOUT, AND STUB UP LOCATIONS.
SEE SHEET F2.0 FOR NATIONAL ACCOUNT VENDORS CONTACT INFORMATION.

NOTE:
SEE ONE LINE DIAGRAM, PANEL LOAD SCHEDULES, AND DETAIL ON SHEETS E0.1, E0.2, AND 6/E3.0 FOR ADDITIONAL INFORMATION.
SEE ARCHITECTURAL WALL TYPES (W13) ON SHEET A9.0 FOR ADDITIONAL INFORMATION ON INSTALLING THE TRANSFORMER SUPPORT FRAME.

DESIGNER NOTE:
OUTDOOR SENSOR ASSEMBLY SHALL BE CLOSE PROXIMITY WITH BASE SECTION.

DESIGNER NOTE:
LOCATE POWER BOX FOR BOOSTER PUMP (PUMP) IN OPEN AREA ABOVE THE RIGHT SIDE OF THE INTEGRATED POWER CENTER (IPC) AND DOOR. LOCATE ACCESS BOX IN OPEN AREA ABOVE THE RIGHT SIDE OF THE INTEGRATED POWER CENTER (IPC) AND DOOR. LOCATE ACCESS BOX IN OPEN AREA ABOVE THE RIGHT SIDE OF THE INTEGRATED POWER CENTER (IPC) AND DOOR. LOCATE ACCESS BOX IN OPEN AREA ABOVE THE RIGHT SIDE OF THE INTEGRATED POWER CENTER (IPC) AND DOOR.

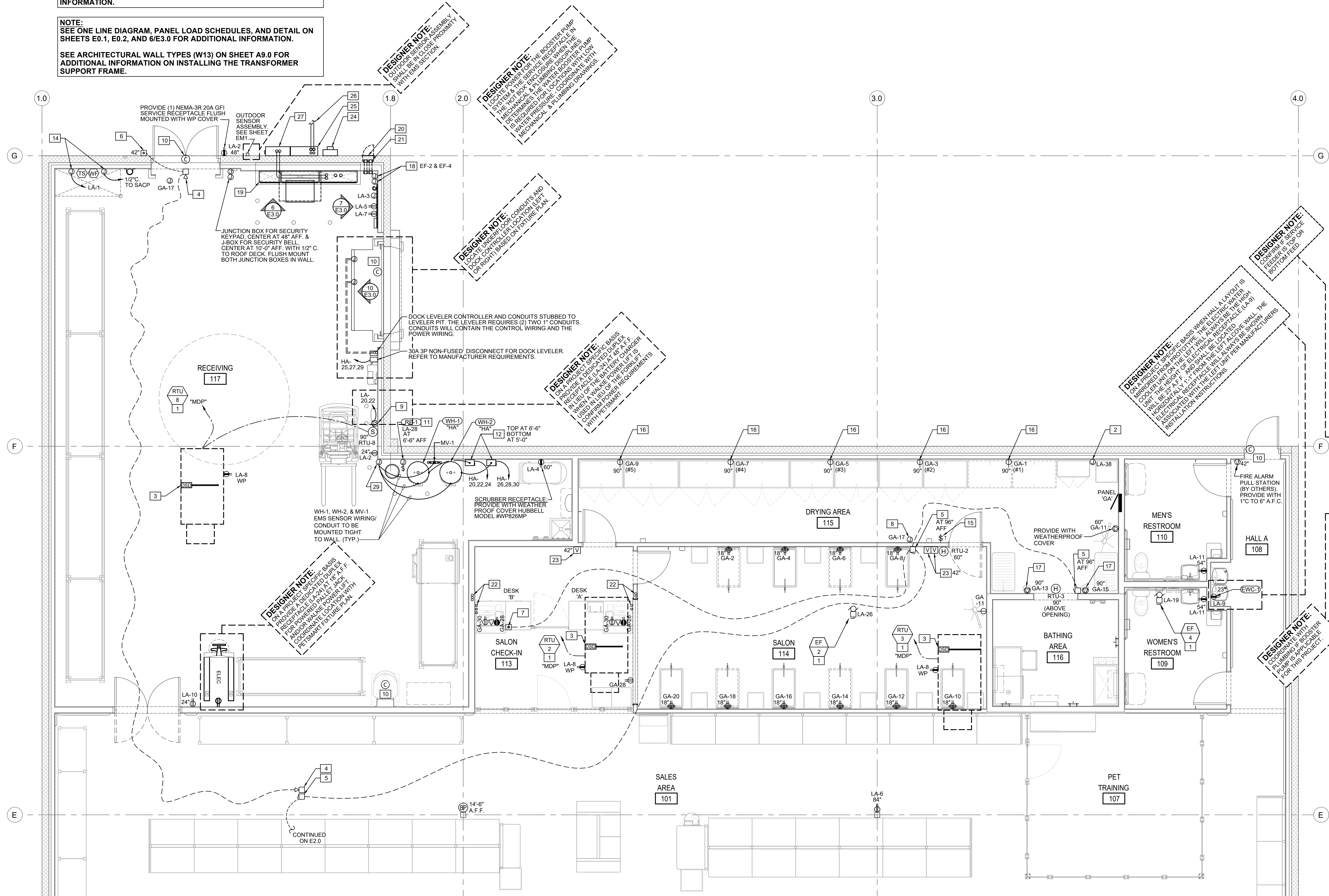
DESIGNER NOTE:
DOCK LEVELER CONTROLLER AND CONDUITS STUBBED TO LEVELER PIT. THE LEVELER REQUIRES (2) TWO 1" CONDUITS. CONDUITS WILL CONTAIN THE CONTROL WIRING AND THE POWER WIRING.

DESIGNER NOTE:
ON PREPARED SPECIFIC BASIS WHEN HALL A LAYOUT IS COMPLETED, THE ELECTRICAL SERVICE EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECTURAL LAYOUT. THE ELECTRICAL SERVICE EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECTURAL LAYOUT. THE ELECTRICAL SERVICE EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECTURAL LAYOUT.

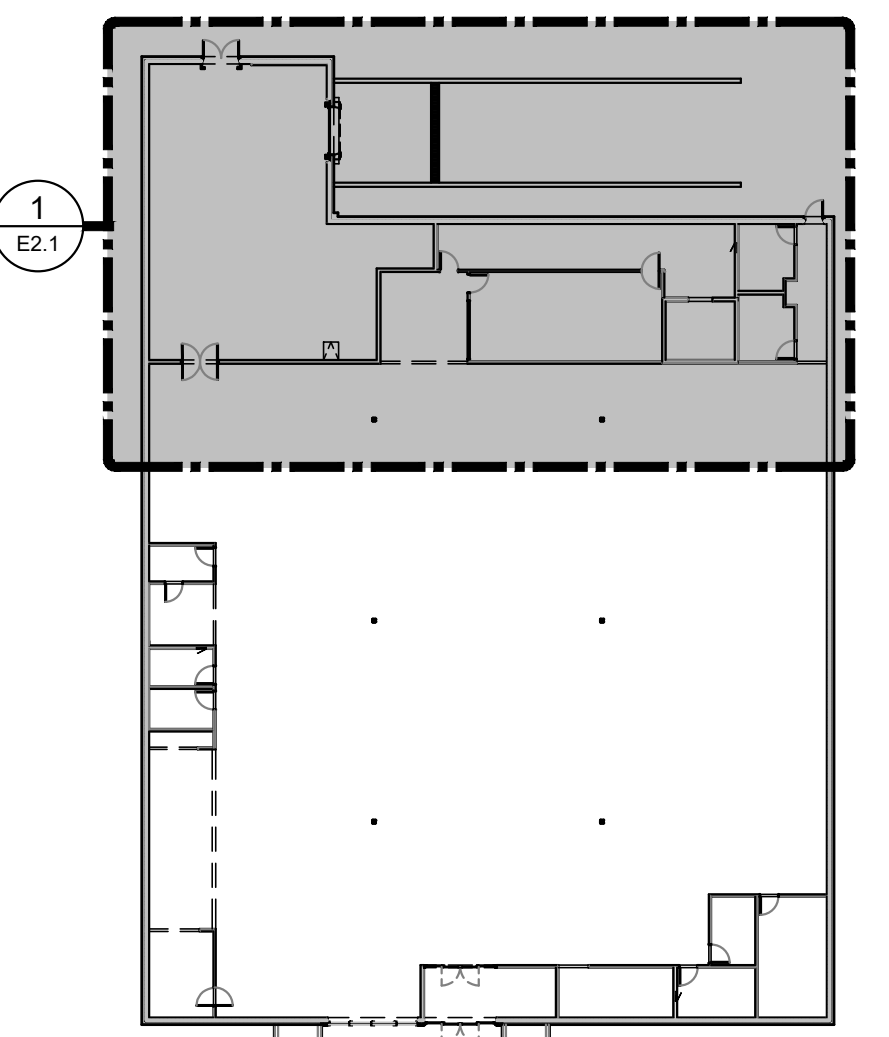
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DESIGNER NOTE:
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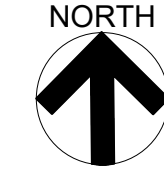
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- ### ELECTRICAL KEYNOTES
- 1 RTUS & EXHAUST FANS: CONDUITS FOR POWER AND ANY CONTROL WIRING TO EQUIPMENT ON THE ROOF MUST BE RUN INSIDE THE ROOF CURB. DO NOT PENETRATE THE ROOF WITH ANY CONDUITS. SEE MECHANICAL EQUIPMENT SCHEDULE ON E0.2.
 - 2 EXTERIOR SIGNS: PROVIDE WEATHERPROOF J-BOXES AND CONNECTIONS. VERIFY EXACT LOCATION AND REQUIREMENTS WITH SIGN MANUFACTURER AND PETS MART CONSTRUCTION MANAGER. CONTRACTOR TO PROVIDE AND COORDINATE ACCESS FOR POWER TO SIGN.
 - 3 DUCT SMOKE DETECTOR: CONNECT WIRE DUCT SMOKE DETECTOR IN ROOFTOP UNIT MAIN RETURN AIR DUCT TO FIRE ALARM SYSTEM AND REMOTE TEST STATIONS AT TELEPHONE EQUIPMENT BOARD (7/E3.0), AND ENSURE PROPER FUNCTION OF RELAY TO SHUTDOWN ROOFTOP UNIT.
 - 4 DOOR HORN: PROVIDE HORN. CEILING MOUNT TO BOTTOM CHORD OF JOIST IN SALES AREA. WALL MOUNT OTHER AREAS AT HEIGHT INDICATED ON DRAWINGS. VERIFY LOCATION WITH PETS MART. CONNECT TO REAR PUSHBUTTON AS SHOWN ON DRAWINGS (SEE KEY NOTE 6).
 - 5 DOOR BUZZER: PROVIDE BUZZER. CEILING MOUNT TO BOTTOM CHORD OF JOIST IN SALES AREA. WALL MOUNT OTHER AREAS AT HEIGHT INDICATED ON DRAWINGS. VERIFY LOCATION WITH PETS MART. CONNECT TO FRONT PUSHBUTTON AS SHOWN ON DRAWINGS (SEE KEY NOTE 6).
 - 6 (EXTERIOR) DOOR PUSH-BUTTON: PROVIDE PUSH-BUTTON. CONNECT TO APPROPRIATE BUZZERS OR HORNS AS SHOWN ON DRAWINGS (SEE KEY NOTES 4 AND 5). PROVIDE LAMACOID LABEL ABOVE BUTTON, "PETS MART".
 - 7 SALON CHECK-IN PUSH-BUTTON: INSTALL NEW PUSH-BUTTON SURFACE MOUNTED ON TOP OF MILLWORK COUNTER. LOCATED IN FRONT CORNER ADJACENT TO CASH DESK. BUTTON PROVIDED BY NATIONAL MILLWORK VENDOR. CONNECT TO APPROPRIATE BUZZERS OR HORNS AS SHOWN ON DRAWINGS (SEE KEY NOTES 4 & 5).
 - 8 LOW VOLTAGE TRANSFORMER: EDWARDS EDW592 LOW VOLTAGE (12V) TRANSFORMER FOR DOOR BUZZER. LOCATE ABOVE CEILING.
 - 9 BATTERY CHARGER: SEE DETAIL 8/E3.0.
 - 10 DOOR SECURITY: SEE DETAIL 5/E3.0.
 - 11 RECIRCULATING PUMP (RP-1): PROVIDE TOGGLE DISCONNECT SWITCH FOR PUMP. LABEL SWITCH "PUMP". WALL MOUNT SWITCH ADJACENT TO PUMP. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
 - 12 WATER HEATER DISCONNECTS: PROVIDE 30A/3P DISCONNECTS AND 3/4" FLEXIBLE SEAL TIGHT CONNECTIONS TO WATER HEATER.
 - 13 NOT USED.
 - 14 SPRINKLER VALVE: APPROXIMATE LOCATION OF SPRINKLER VALVE AREA FOR PETS MART SPACE. PROVIDE FLOW SWITCH AND SUPERVISORY FIRE ALARM CONNECTIONS TO SPRINKLER VALVE.
 - 15 TIMER SWITCH: SEE DETAIL 9/E3.0.
 - 16 DRYER RECEPTACLE: SEE DETAIL 9/E3.0.
 - 17 MASTER BLASTER DRYER RECEPTACLE: PROVIDE A 30A NEMA L5-30R SINGLE RECEPTACLE. COLOR WHITE. PROVIDE WITH WEATHERPROOF COVER. MOUNT AT HEIGHT INDICATED.
 - 18 J-BOX FOR RELAY SERVING EXHAUST FANS: PROVIDE 8"x8"x4" J-BOX ON WALL AT 8'0" A.F.F. FOR EXHAUST FAN CONTROL RELAY. SEE 2/E2.0 FOR WIRING. LABEL CIRCUIT NUMBER AND EXHAUST FAN NUMBER ON BOX COVER.
 - 19 ELECTRICAL SERVICE EQUIPMENT: NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) PREFAB ELECTRICAL SERVICE EQUIPMENT. REFER TO DETAIL 1/E3.1 (PANELS MDP, HA, LDP, LA, TRANSFORMER T1 AND EMS NATIONAL ACCOUNTS VENDOR EQUIPMENT). INTEGRATED POWER CENTER (IPC) SHALL CONTAIN ALL EQUIPMENT AS INDICATED PER THE ONE LINE DIAGRAM. ALL EQUIPMENT SHALL BE FACTORY WIRED AS INDICATED (UNO). PROVIDE 4" CONCRETE HOUSEKEEPING PAD, REFER TO ARCHITECTURAL.
 - 20 ACCESS BOX: MOBILE GENERATOR ACCESS BOX. NEMA 4, 12"x12"x6" FLUSH MOUNT ENCLOSURE. HUBBELL-WEIGMAN MODEL N412-SD-12X12X6-ULTIMATE. IF SPACE IS UNAVAILABLE BETWEEN INTEGRATED POWER CENTER (IPC) AND DOOR DOOR, LOCATE ACCESS BOX IN OPEN AREA ABOVE THE RIGHT SIDE OF THE INTEGRATED POWER CENTER (IPC). COORDINATE EXACT LOCATION WITH PETS MART. ACCESS BOX SUPPLIED BY NATIONAL ACCOUNTS VENDOR. SEE DETAIL 11/E3.0.
 - 21 CHASE NIPPLES: 4" CHASE NIPPLES W/ INSIDE CAPS AND LOCKNUTS INSULATED BUSHINGS, (TYPICAL 2 EA.)
 - 22 MILLWORK: AT DESK 'A' PROVIDE 2x 1" RIGID CONDUITS DOWN IN WALL TO 2' AFF AND ACROSS IN WALL BELOW WINDOW (APPROX. 2'-0" FROM WINDOW FRAME) TO LOCATIONS OF POWER AND DATA OUTLETS IN MILLWORK. PROVIDE WITH PULLSTRING. AT DESK 'B' PROVIDE 3x 1" RIGID CONDUITS IN WALL TO 2' AFF AND ACROSS IN WALL TO LOCATIONS OF POWER OUTLETS, DATA OUTLETS, AND BUZZER PUSH-BUTTON IN MILLWORK. PROVIDE WITH PULLSTRING.
 - 23 VOLUME CONTROL: VOLUME CONTROL BY OTHERS. ELECTRICAL CONTRACTOR TO ROUGH-IN BOX AT 42" A.F.F. (U.N.O.), TYPICAL.
 - 24 METER: UTILITY COMPANY METER INSTALLED. SEE ONE LINE DIAGRAM ON SHEET E0.1.
 - 25 CT CABINET: UTILITY COMPANY CT CABINET. SEE ONE LINE DIAGRAM ON SHEET E0.1.
 - 26 ELECTRICAL SERVICE: INCOMING UNDERGROUND ELECTRICAL SERVICE. SEE ONE LINE DIAGRAM ON SHEET E0.1.
 - 27 SERVICE ENTRANCE DISCONNECT SWITCH: 480/277V 3 PHASE - 400AMP SERVICE ENTRANCE DISCONNECT SWITCH WITH 400 AMP FUSES. SEE ONE LINE DIAGRAM ON SHEET E0.1.
 - 28 DOMESTIC WATER BOOSTER PUMP: PROVIDE A 30A COMBINATION MOTOR STARTER AND ALL FINAL CONNECTIONS TO BOOSTER PUMP SYSTEM AND CONTROL PANEL. PROVIDE ALL EQUIPMENT NECESSARY FOR A COMPLETE INSTALLATION PER MANUFACTURER'S SPECIFICATIONS. THE BOOSTER PUMP SYSTEM IS FACTORY WIRED INCLUDING (1) 3/4 HP 480V 30 MOTOR AND VSD DRIVE. COORDINATE WITH PLUMBING CONTRACTOR AND PLUMBING DRAWINGS. FED FROM PANEL 1A.
 - 29 JUNCTION BOX FOR EMS TEMPERATURE SENSORS: PROVIDE 4X4 JUNCTION BOX AT 6'-6" AFF WITH 3/4" CONDUIT UP TO JOIST SPACE. PROVIDE 1/2" LIQUID TIGHT FLEX CONDUITS FOR HOT WATER TEMPERATURE SENSORS AT WATER HEATERS AND MIXING VALVE. COORDINATE WITH PLUMBER, EMS, AND INSULATION CONTRACTORS.



2 KEY PLAN
E2.1 SCALE: N.T.S.



1 POWER PLAN REAR STORE AREA
E2.1 SCALE: 1/4" = 1'-0"



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PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETS MART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:
DESCRIPTION DATE

PROJECT NO:
16K 2026 US INSTRUCTION SET

ORIGINAL SCALE:
AS INDICATED

DRAWN BY:
XXX

CHECKED BY:
XXX

PAGE #:
01 OF 47

DISCIPLINE:
ELECTRICAL

TITLE:
ENLARGED POWER PLAN

SHEET NUMBER:
E2.1

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"