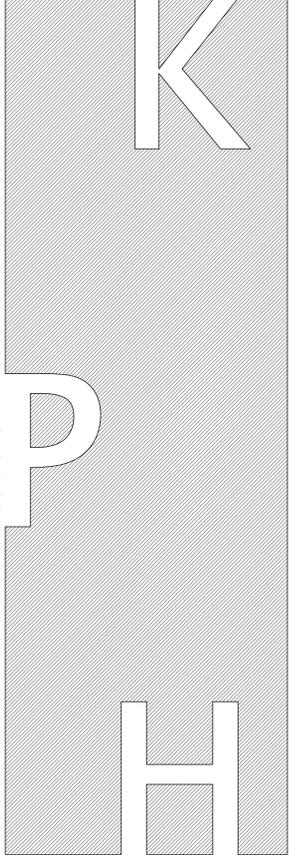




Kevin P. Hengst,
Architect



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Job No. 21256

PET SUPPLIES PLUS
Store #4175 Stony Point, NY
Interior Renovation

22 Holt Dr. Suite 107,
Stony Point, NY 10980

Electrical Details
and Panel Schedule

E 3.0

1	2	3	4	5
<p>7/16" HIGH LETTERS (TYP)</p> <p>EQUIPMENT DESIGNATION</p> <p>⊕ SYSTEM VOLTAGE ⊕</p> <p>FED FROM PANEL 'X'</p> <p>0'-4"</p> <p>0'-2"</p> <p>NOTES:</p> <ol style="list-style-type: none"> PROVIDE LAMOCOID NAMEPLATE ENGRAVED WITH WHITE LETTERS. NAMEPLATE SHALL BE THE FOLLOWING COLORS: BLACK - NORMAL POWER ON 208/120 VOLT SYSTEM SECURE NAMEPLATE TO EQUIPMENT WITH TWO SHEET METAL SCREWS. PROVIDE A NAMEPLATE FOR EVERY MAJOR ELECTRICAL DEVICE OR ELECTRICAL CONTROLS SUCH AS: SWITCHBOARDS, DISTRIBUTION PANELS, PANELBOARDS, LIGHTING CONTROL PANELS, STARTERS, DISCONNECT SWITCHES, ETC. (AS APPLICABLE). REFER TO ELECTRICAL SPECIFICATIONS FOR FURTHER DESCRIPTION. EQUIPMENT DESIGNATION SHOULD INDICATE NAME OF PANELBOARD OR TYPE OF EQUIPMENT BE SERVED (I.E. "PANEL LPA", "PUMP CWP-1"). SYSTEM VOLTAGE SHALL INDICATE VOLTAGE AND PHASE SUCH AS: 208/120V, 3Ø, 208V, 1Ø, ETC. THE THIRD LINE OF TEXT SHALL INDICATE UPSTREAM POWER SOURCE IDENTIFIED BY ITS NAME, SUCH AS "TRANSFORMER T1", PANEL "LPA", ETC. 				
06 NAMEPLATE DETAIL	05 [NOT USED]	04 [NOT USED]	03 [NOT USED]	02 [NOT USED]
SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.

A	B	C	D	E
<p>PROVIDE COPPER GROUNDING BUS AND INSTALL IN SERVICE WIREWAY IN ACCORDANCE WITH N.E.C. ARTICLE #250.</p> <p>ENCLOSURE GROUND (TYPICAL)</p> <p>WIREWAY</p> <p>NEUTRAL</p> <p>EQUIP. GND. BUS</p> <p>INCOMING CONDUIT GROUND (TYPICAL OF 3)</p> <p>EQUIP. GND. BUS</p> <p>UNDERGROUND METAL WATER LINE IN DIRECT CONTACT WITH EARTH FOR AT LEAST 10'.</p> <p>GROUNDING JUMPER AROUND METER AND ANY NON-METALLIC PIPE SECTIONS (TYPICAL)</p> <p>PROVIDE DRIVEN GROUND(S) ROD WITH A MINIMUM OF 10'-0" OF COVER</p> <p>EFFECTIVELY GROUND BUILDING STEEL COLUMN</p> <p>SERVICE GROUNDING SYSTEM WIRING DIAGRAM</p> <p>NO SCALE</p> <p>VERIFY EXISTING GROUNDING SYSTEM IS COMPLIANT WITH LATEST EDITION OF THE N.E.C. AS SHOWN AND NOTED HERE. INFORM CONSTRUCTION MANAGER & ENGINEER OF ANY DEFICIENCIES.</p> <p>SERVICE GROUNDING SYSTEM WIRING DIAGRAM NOTES:</p> <ol style="list-style-type: none"> THE GROUNDING ELECTRODE CONDUCTORS SHALL BE SIZED PER TABLE 250-66 OF THE NEC. MINIMUM #4 CU. GROUND CONDUCTORS TO OTHER POINTS AND EQUIPMENT, AS REQUIRED BY NEC ARTICLE 250. SERVICE ENTRANCE CONDUCTORS WITH GROUNDED (NEUTRAL) CONDUCTOR AND EQUIPMENT LOCATION OF PERMITTED CONNECTION POINT FOR INTERSYSTEM BONDING AND GROUNDING CONDUCTOR IN ACCORDANCE WITH N.E.C. ARTICLE #250.94. PROVIDE TERMINAL, BONDING BAR, ETC. LISTED FOR USE AS GROUNDING AND BONDING EQUIPMENT. GROUND CONDUCTOR(S) TO ALL OTHER SYSTEMS PER N.E.C. 250. 				
03 [NOT USED]	02 SERVICE GROUNDING SYSTEM WIRING DIAGRAM	01 [NOT USED]	00 [NOT USED]	00 [NOT USED]
SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.

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