

ELECTRICAL SYMBOLS LIST		ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT	
	• SINGLE RECEPTACLE: 20A HUBBELL HBL5361 W 18" TO CENTER UNO		• PANELBOARD - MOUNT AT 6'-6" TO TOP
	• DUPLEX RECEPTACLE: 20A HUBBELL HBL5362W (NEMA 5-20R) 18" TO CENTER UNO, WHITE		• H.P. RATED MANUAL MOTOR STARTER (WP WHERE OUTSIDE)
	• DUPLEX GFI RECEPTACLE: 20A HUBBELL GFR5362SGW 18" TO CENTER UNO, WHITE		• MOTORIZED DAMPER
	• FOURPLEX RECEPTACLE - (2) 20A DUPLEX 18" TO CENTER UNO		• SINGLE POLE SWITCH W/PILOT LIGHT AT 44" AFF OR AS NOTED. 20A, HUBBELL 1221-PLC/1221-PLC C7
	• FOURPLEX GFI RECEPTACLE - (2) 20A DUPLEX 18" TO CENTER UNO		• WATER FLOW SWITCH
	• WEATHERPROOF COVERS: FOR SINGLE RECEPTACLES, 'TAYMAC' MODEL NO. MM401C FOR DUPLEX RECEPTACLES, 'HUBBELL' MODEL NO. WP826MP		• TAMPER SWITCH
	• IG COMPUTER RECEPTACLE AT 18" AFF TO CENTER UNO, HUBBELL #IG5362 ORANGE		• DOOR CONTACT, SEE DETAIL 5/E3.0
	• SPECIAL RECEPTACLE AS NOTED ON DRAWINGS 18" TO CENTER UNO		• ABOVE FINISHED CEILING
	• DATA/TELEPHONE BOX & WHITE COVER PLATE AT 18" AFF TO CENTER UNO. PROVIDE 3/4" CONDUIT WITH PULL STRING TO 6" A.F.C.		• 34" PLYWOOD TELEPHONE MOUNTING BOARD WITH #6 CU. GROUND AND DEDICATED DUPLEX CONV ENIENCE RECEPTACLES AS SHOWN ON PLANS. FURNISH IN ACCORDANCE WITH TELCO REQUIREMENTS. SIZE AS NOTED
	• JUNCTION BOX IN ACCESSIBLE LOCATION		• WEATHERPROOF (RAIN TIGHT)
	• JUNCTION BOX MTD. IN JOIST AREA. CONDUITS CONNECTED BETWEEN SUCH BOXES SHALL BE ROUTED IN JOIST AREA		• SERVICE ENTRANCE SECTION
	• INDICATES CIRCUIT IN CONDUIT RUN BELOW SLAB		• ELECTRIC WATER COOLER
	• INDICATES CIRCUIT IN CONDUIT CONCEALED IN WALLS OR ABOVE CEILING		• UNLESS NOTED OTHERWISE
	• INDICATES HOMERUN TO PANELBOARD OR AS NOTED		• CONDUIT
	• EMS NATIONAL ACCOUNTS VENDOR PUSH-BUTTON OVERRIDE - FURNISHED BY EMS NATIONAL ACCOUNTS VENDOR, INSTALLED & WIRED BY EC		• EXHAUST FAN - 120V. UNLESS OTHERWISE NOTED
	• LAY-IN SPEAKER - REFER TO 1/EDC AND EDC SYMBOLS LISTS FOR FURTHER INFORMATION. NO CONDUIT STUB NEEDED		• GROUND FAULT CIRCUIT INTERRUPTER
	• ONE-WAY FLEX HORN - REFER TO 1/EDC AND EDC SYMBOLS LISTS FOR FURTHER INFORMATION. NO CONDUIT STUB NEEDED		• ISOLATED GROUND
	• PENDANT MOUNTED SPEAKER - REFER TO 1/EDC AND EDC SYMBOLS LISTS FOR FURTHER INFORMATION. NO CONDUIT STUB NEEDED		• SPRINKLER ALARM CONTROL PANEL
	• DOOR BUZZER EDWARDS #1065-G5, 24V, 6 WATT, WITH LOUVERED COVER PLATE		• SENSOR - SEE MECHANICAL & ELECTRICAL SHEETS FOR EXACT LOCATIONS. SENSORS (GENERAL) AT 90" AFF TO CENTER UNO.
	• DOOR HORN EDWARDS #867AQ, 24V, 4.8 WATT		• COMBINATION TEMPERATURE / HUMIDITY SENSOR - SEE MECHANICAL PLANS. SENSORS (GENERAL) AT 90" AFF - UNO.
	• PUSH-BUTTON - LOW VOLTAGE (24V OLT, 10.0 AMP AC, 4.0 AMP DC) AT VESTIBULE PROVIDE - EDWARDS #690-W - FLUSH MOUNT WITH SNAP FIT MOUNTING, INSTALLED AT 44" A.F.F. AT RECEIVING PROVIDE - EDWARDS #691-W - FLUSH MOUNT WITH LOCKNUT FIT MOUNTING, INSTALLED AT 54" A.F.F.		• ADJUSTABLE THERMOSTAT - SEE MECHANICAL PLAN FOR EXACT LOCATIONS. SENSORS (GENERAL) AT 90" AFF TO CENTER UNO.
	• CONDUIT TURNING DOWN		• EMS TEMPERATURE SENSOR
	• CONDUIT TURNING UP		• CO2 SENSOR - SEE MECHANICAL & ELECTRICAL SHEETS FOR EXACT LOCATIONS - AT 54" AFF TO CENTER UNO.
	• VOLUME CONTROL, BY OTHERS - PROVIDE SINGLE GAGE BOX AT 42" AFF UNO & 1/2" CONDUIT TO CEILING SPACE		• EMS NATIONAL ACCOUNTS VENDOR HUMIDITY SENSOR - SEE MECHANICAL PLAN FOR EXACT LOCATION. SENSORS (GENERAL) AT 90" AFF TO CENTER UNO.
	• MOTOR - SIZE AS INDICATED ON DRAWINGS		• EMS NATIONAL ACCOUNTS VENDOR TEMPERATURE SENSOR - SEE MECHANICAL PLAN FOR EXACT LOCATION. SENSORS (GENERAL) AT 90" AFF - UNO.
	• DISCONNECT SWITCH - SIZE AND FUSES AS PER MANUFACTURER'S RECOMMENDATIONS (WP WHERE OUTSIDE)		• DUCT SMOKE DETECTOR
			• MOTOR CONTROLLER - PROVIDED BY EC - SIZE AS NOTED
			• MOTOR CONTROLLER - FURNISHED WITH MOTOR

LIGHTING SYMBOLS

ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT

	• 4 1/2" x 49" TYPE 'A4' LED LIGHT.
	• 4 1/2" x 97" TYPE 'A8' LED LIGHT.
	• 24" x 24" LED LIGHT.
	• 24" x 24" NIGHT LED LIGHT.
	• 48" LINEAR WALL MOUNTED LED LIGHT.
	• EXTERIOR RECESSED LED DOWN LIGHT.
	• EXTERIOR WALL MOUNTED FIXTURE.
	• EXIT SIGNS (PENDANT MOUNTED).
	• EXIT SIGNS (WALL / BULKHEAD MOUNTED).
	• TWO-HEAD EMERGENCY FIXTURE MOUNT TO STRUCTURE (UNDER SIDE OF JOIST) IN SALES & RECEIVING CEILING MOUNT IN ROOMS WITH LAY-IN CEILINGS.
	• TWO-HEADED EMERGENCY EGRESS FIXTURE.
	• EMERGENCY EGRESS FIXTURE BATTERY UNIT.
	• SINGLE POLE TOGGLE SWITCH MOUNTED AT 42" A.F.F. TO CENTER OR AS NOTED HUBBELL #1221, 20A, 120/277V, (WHITE).
	• SINGLE POLE DIMMER SWITCH MOUNTED AT 42" A.F.F. TO CENTER OR AS NOTED LUTRON #WVSW15, 5A, 120/277V, (WHITE). PROVIDE PURPLE AND GRAY WIRES TO LIGHTS CONTROLLED.
	• THREE WAY TOGGLE SWITCH MOUNTED AT 42" A.F.F. TO CENTER OR AS NOTED HUBBELL #1223, 20A, 120/277V, (WHITE).
	• CEILING MOTION SENSOR - 'SENSOR SWITCH' MODEL #OAC-DT, LINE VOLTAGE - MICROSET DUAL TECH.
	• NIGHT LIGHT WIRED TO AN UNSWITCHED CIRCUIT.
	• EMERGENCY LIGHT WIRED TO AN UNSWITCHED CIRCUIT.

ALL WALL DEVICES (RECEPTACLES, SWITCHES, DATA OUTLETS, ETC) AND COVER PLATES TO BE WHITE, EXCEPT:

- RECEIVING - ROOM 117, MECHANICAL ROOMS, AND SIMILAR AREAS WITH EXPOSED CONDUIT TO HAVE GALVANIZED STEEL COVER PLATES.
- IG RECEPTACLES TO BE ORANGE.

3. THE INTEGRATED POWER CENTER (IPC) SHALL BE DELIVERED IN TWO (2) SHIPPING SPLITS, SEE ELEVATION 663.0 FOR ADDITIONAL INFORMATION. INSURE THAT ALL INTERNAL CONDUITORS ARE TESTED AND PROPERLY CONNECTED. CABINET SECTIONS FOR A COMPLETE INSTALLATION. SEE NOTE 11 BELOW.
4. PROVIDE A MAXIMUM OF 10'-0" PRODUCT WIDE TO MEET THE FOOTPRINT REQUIREMENTS (INCLUDES N.E.C. CODE CLEARANCE).
5. TOP LIFT PROVISIONS FOR EASE OF LIFTING AND SETTING THE POWER CENTER (IPC) AGAINST BUILDING WALL. THE ESTIMATED INTEGRATED POWER CENTER (IPC) WEIGHT IS 900 LBS.
6. THE INTEGRATED POWER CENTER (IPC) WILL BE DELIVERED WITH THE TRANSFORMER LOOSE.
7. E.C. SHALL BE RESPONSIBLE FOR THE PURCHASE OF NATIONAL ACCOUNTS VENDORS INTEGRATED POWER CENTER (IPC) AND LOOSE TO BE PROVIDED. E.C. SHALL PROVIDE IN SCHEDULE ORDER TO NATIONAL ACCOUNTS VENDOR A MINIMUM OF 8 WEEKS PRIOR TO DELIVERY REQUIREMENTS (TO GUARANTEE A MANUFACTURING SPLIT IN THE SCHEDULE TO MEET REQUESTED DELIVER DATE). CONTACT NATIONAL ACCOUNTS VENDOR TO OBTAIN ORDERING, DELIVERY, AND PRODUCT COORDINATION REQUIREMENTS. SEE SHEET F2.0 FOR NATIONAL ACCOUNT VENDORS CONTACT INFORMATION. NOTE: CONTACT NATIONAL ACCOUNTS VENDOR 2 WEEKS PRIOR TO DELIVERY TO OBTAIN DELIVERY AND PRODUCT COORDINATION REQUIREMENTS. (FINAL EQUIPMENT LOCATIONS - STUB-UP COORDINATION).
8. E.C. RESPONSIBLE TO RE-TORQUE ALL PRE-WIRED FEEDER (BARN CIRCUIT TERMINATIONS UPON DELIVERY OF THE INTEGRATED POWER CENTER (IPC)).
9. E.C. RESPONSIBLE FOR OFF LOADING AND SETTING THE PREASSEMBLED INTEGRATED POWER CENTER (IPC) WHEN IT ARRIVES ON SITE.
10. IT IS THE E.C.'S RESPONSIBILITY TO OBTAIN QUOTES FROM NATIONAL ACCOUNT VENDOR(S).
11. E.C. IS RESPONSIBLE TO OBTAIN NATIONAL ACCOUNTS VENDOR A 6 WEEK PRIOR TO DELIVERY OF THE INTEGRATED POWER CENTER (IPC). SEE CONTACT INFORMATION FURNISHED IN #5 ABOVE.
12. E.C. IS TO CONTACT NATIONAL ACCOUNTS VENDOR TO OBTAIN SITE SPECIFIC DRAWINGS. DRAWINGS IN THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. NATIONAL ACCOUNTS VENDOR WILL PROVIDE A SET OF SPECIFIC DRAWINGS FOR THE INTEGRATED POWER CENTER (IPC). SO ACCURATE ROUGH-IN COORDINATION CAN BE COMPLETED.
13. IT IS THE RESPONSIBILITY OF THE E.C. TO DETERMINE IF AN EXTERIOR MEANS OF DISCONNECT IS REQUIRED. IF SO, PLEASE REFER TO THE OPTIONS SECTION IN THE NATIONAL ACCOUNTS VENDOR PRICE BOOK. PROVIDE THE PRICE ADDED FOR A SHUNT TRIP OR FUSIBLE DISCONNECT.

1. ALL LED AND/OR FLUORESCENT LAMPS NOT INCLUDED WITH FIXTURES ARE FURNISHED BY THE GENERAL CONTRACTOR THROUGH NATIONAL ACCOUNT VENDOR. 2. PROVIDE FIXTURE SAFETY CHAINS WHERE REQUIRED. 3. ALL LAY-IN FIXTURES SHALL BE FURNISHED WITH "FIXTURE SUPPORT CLIPS" PER NEC SECTION 410. 4. OFFSET LIGHT FIXTURES AS NEEDED TO CLEAR STRUCTURAL BRIDGING ACROSS STORE. 5. ALL LIGHT SWITCHES SHALL BE LOCATED AS CLOSE AS POSSIBLE TO ADJACENT DOOR FRAMES AT A.D.A. HEIGHTS. COORDINATE LOCATIONS WITH ALL FIXTURES/EQUIPMENT. 6. ALL LIGHTING SHALL BE CIRCUITED AS SHOWN TO ALLOW MULTI-LEVEL SWITCHING FOR ENERGY MANAGEMENT CONTROL. SEE SHEET EM2. 7. CONDUIT AND PIPING SHALL BE ROUTED PARALLEL WITH WALLS IN MAIN SALS AND RECEIVING. RUNS SHALL BE GROUDED TOGETHER WHERE PRACTICAL & HOLD AS HIGH AS POSSIBLE AND SUSPEND TIGHT TO UNDERSIDE OF THE TOP CORO OF JOIST. ENTIRE INSTALLATION SHALL BE INSTALLED PER THE NEW YORK CITY ELECTRICAL CODE. 8. PROVIDE ZERO DEGREE BALLASTS FOR FIXTURES LOCATED OUTSIDE. 9. ALL ELECTRICAL CONDUITS/WIRING MUST RUN OVERHEAD (UNO) UNLESS REQUIRED TO RUN UNDERGROUND. ANY EXCEPTIONS MUST BE APPROVED BY PETSMAST CONSTRUCTION MANAGER. 10. SNAP SWITCHES THAT ARE GROUDED OR GANGED IN AN ENCLOSURE WITH OTHER SNAP SWITCHES OR SIMILAR DEVICES THAT THE VOLTAGE BETWEEN THE ADJACENT DEVICES EXCEEDS 300 VOLTS, MUST HAVE A PERMANENT BARRIER INSTALLED BETWEEN THE ADJACENT DEVICES PER THE N.E.C. 11. GENERAL CONTRACTORS SHALL CONTACT NATIONAL ACCOUNT VENDOR FOR BID PRICING ON FIRE AND BURGLAR ALARM SYSTEMS - SEE SPECIFICATIONS. 12. PROVIDE (2) PULL STRINGS IN EACH EMPTY CONDUIT FOR DATA & PHONE BOXES.	13. REFER TO ENERGY MANAGEMENT SHEETS EM1 & EM2 FOR SENSOR MOUNTING. 14. SEE ARCHITECTURAL ELEVATION DRAWINGS FOR EXACT PLACEMENT OF OUTLETS. 15. E.C. TO VERIFY EXACT CONDUIT SIZE PRIOR TO ROUGH-IN OF BOXES FOR PHONE AND DATA. 16. WHERE CONDUITS, DEVICE BOXES, ETC. ARE SURFACE MOUNTED, SEAL ALL PENETRATIONS WITH SIKKA, SIKAFLEX 1A POLYURETHANE SEALANT. 17. ALL LIGHT FIXTURES DESIGNATED 'EM' OR 'NL' TO BE UNSWITCHED. UNO. 18. SEE SHEET ED 1 FOR ONE LINE DIAGRAM KEYED NOTES. 19. PROVIDE CONDUIT FOR LOW VOLTAGE WIRING WHEN REQUIRED BY CODE. TERMINATE PHONE & DATA WIRING AT PETSMAST SERVER LOCATION. 20. ALARM PACKAGE: THE ALARM PACKAGE WILL REQUIRE AN AVERAGE OF 15 CONDUIT DROPS WITH BOXES, AND 35 BACK BOXES (ONLY) FOR CEILING MOUNTED DEVICES - THIS IS SUBJECT TO CHANGE BASED ON LOCAL REQUIREMENTS AND FINAL STORE DESIGN. ALL CEILING MOUNTED ALARM & INTRUSION DEVICES WILL REQUIRE A BACK BOX PROVIDED BY THE E.C. ANY QUESTIONS, CONTACT NATIONAL ACCOUNT VENDOR - ADT COMMERCIAL (866) 238-6411. SEE ARCHITECTURAL DRAWING F2.0 PRODUCT SCHEDULE. 21. LED CIRCUIT: WHEN USING MULTI-BRANCH WIRE CIRCUITS WITH A SHARED NEUTRAL, DO NOT OPERATE ANY CIRCUIT WITH THE NEUTRAL OPEN. ALSO ENSURE ALL NEUTRAL CONNECTIONS ARE SECURE BEFORE ENERGIZING THE CIRCUIT. AN OPEN NEUTRAL CAN CAUSE AN OVERVOLTAGE CONDITION AT THE LUMINAIRE POWER SUPPLY. 22. E.C. IS RESPONSIBLE TO OBTAIN QUOTES FROM NATIONAL ACCOUNTS VENDOR.
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AMPS	FEEDER	GROUND	CONDUIT
15	#12	#12	3/4"
20	#12	#12	3/4"
25	#10	#10	3/4"
30	#10	#10	3/4"
35	#8	#10	3/4"
40	#8	#10	3/4"
45	#8	#10	3/4"
50	#8	#10	3/4"
60	#6	#10	3/4"
70	#4	#8	1"
80	#4	#8	1"
90	#3	#8	1-1/4"
100	#3	#8	1-1/4"

UTILITY X-F.M.R. SECONDARY:	20,056 A.I.C.
FUSED DISCONNECT SWITCH:	17,955 A.I.C.
MAIN DISTRIBUTION PANEL:	17,800 A.I.C.
PANEL "HA":	16,070 A.I.C.
PANEL "LDP":	7,187 A.I.C.
LIGHTING CONTACTORS:	9,171 A.I.C.
PANEL "LA":	6,640 A.I.C.
PANEL "LB":	1,776 A.I.C.
PANEL "FC":	4,479 A.I.C.
PANEL "GA":	2,848 A.I.C.
RTU-8 (NEAREST RTU/HIGHEST AVAILABLE FAULT CURRENT)	3,610 A.I.C.

CALCULATION BASED ON BUSSMANN "POINT-TO-POINT" METHOD USING A
500kVA XFMR WITH 3% IMPEDENCE AND 833 A MOTOR CONTRIBUTION

P	FURNISHED BY NATIONAL ACCOUNTS VENDOR WITHIN THE INTEGRATED POWER CENTER WITH EQUIPMENT INSTALLED AND FACTORY WIRED. E. SHALL WALL MOUNT AND RE-TORQUE ALL CONNECTIONS.
E	PROVIDED BY ELECTRICAL CONTRACTOR.
PE	FURNISHED BY NATIONAL ACCOUNTS VENDOR, INSTALLED BY ELECTRICAL CONTRACTOR.
EX	EXISTING TO REMAIN.
S	INSTALLED UNDER SHELL PORTION OF CONTRACT BY LANDLORD'S ELECTRICAL CONTRACTOR.

POWER COMPANY TRANSFORMER: ELECTRICAL CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH UTILITY COMPANY. VERIFY SERVICE VOLTAGE AND PHASES TO BE INSTALLED. CONFIRM THAT THEIR A/C RATING IS GREATER THAN AVAILABLE FAULT. SEE FAULT CALCULATION THIS SHEET.

PRIMARY SERVICE: CONDUIT SIZE PER UTILITY COMPANY PRIMARY ELECTRICAL SPECIFICATIONS.

TRANSFORMER PAD: 6" MINIMUM CONCRETE, SET PER UTILITY COMPANY REQUIREMENTS.

400A ELECTRICAL SERVICE: TWO (2) SETS OF 3" C. WITH (4) 30C (XHHW) PER UTILITY COMPANY REQUIREMENTS.

EXTERIOR C/T CABINET: PER UTILITY COMPANY REQUIREMENTS.

UTILITY COMPANY METER: PER UTILITY COMPANY REQUIREMENTS.

ENERGY MONITORING METER: SMARTCELL PHASE LOSS MONITOR KW PULSE METER PROVIDED, INSTALLED & WIRED BY NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE.

E.M.S. CONTROLLER: TWO (E.M.S.) CONTROLLER. CONTRACTOR TO COORDINATE REQUIREMENTS WITH NATIONAL ACCOUNTS VENDOR.

MAIN BONDING JUMPER: #2/0 CU (VERIFY).

GROUND BOND: #2/0 CU BOND TO COLD WATER MAIN AND BUILDING STEEL, EXTEND SYSTEM GROUND TO SPRINKLER.

GROUND ROD: THREE (3) 3/4" X 10' LONG COPPER CLAD STEEL RODS 18" MIN. SPACING PER N.E.C. 250.52 (2).

M.D.P.: SEE MDP SCHEDULE.

PHASE LOSS MONITOR: PROVIDED BY NATIONAL ACCOUNTS VENDOR - INSTALLED WITHIN THE INTEGRATED POWER CENTER (IPC). (1) 2 CONDUCTOR 18 GA TO EMS NATIONAL ACCOUNTS VENDOR CONNECTION.

PHASE LOSS FEEDER: PROVIDE (3/4)" THIN CU .12% TO PHASE LOSS MONITOR. SEE SHEET EFG FOR CONNECTION REQUIREMENT. CONDUCTOR LENGTH SHALL BE 12 MINIMUM.

100A "L&" FEEDER: (4) #3 (XHHW) CU, (1) #8 CU GROUND.

DISTRIBUTION TRANSFORMER: 90 KVA TP- ENERGY EFFICIENT XFMR. DELTA, SEC. 120/208V WYE. 150% RISE.

TRANSFORMER GROUND: PROVIDE #2/0 CU GROUND BUILDING STEEL.

TRANSFORMER FEEDER: (#3) 40K MCM, (XHHW) CU, (1) #4 CU GROUND, IN 2" 12" C. OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE.

200A "L&" FEEDER: (#3) 40K MCM, (XHHW) CU, (1) #6 CU GROUND, (1) #8 SOLID BOND GROUND 2 1/2" CONDUIT OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE.

80A "LB" FEEDER: PROVIDE (4) #6 (XHHW) CU, (1) #8 CU GROUND, (1) #8 SOLID BOND GROUND, IN 1 1/2" CONDUIT OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE.

SERVICE ENTRANCE DISCONNECT: PROVIDE SERVICE ENTRANCE RATED 400A 3-PHASE - 480Y VP DISCONNECT WITH 400A LPS OR LPJ FUSES.

INTER-SYSTEM GROUND BAR: PROVIDE INTERSYSTEM GROUND BAR. PROVIDE #6 CU TO SERVICE GROUND PER NEC.

METER WIRING: SERVICE FEEDERS ROUTED THRU CTFS FOR SMARTCELL ENERGY MONITORING METER.

400A ELECTRICAL SERVICE FEEDER WITH TWO (2) SETS OF (4) #30C (XHHW), ONE (1) #3 CU GROUND, IN TWO (2) 3" C. EACH.

(1) ISOLATED GROUND, TERMINATE ISOLATED GROUND CONDUCTORS AT TRANSFORMER GROUP TAP.

125A "GA" FEEDER: (4) #3 (XHHW) CU, (1) #8 CU GROUND, (1) #6 ISOLATED GROUND, IN 2" CONDUIT OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE.

200A "CT" FEEDER: (4) #30C (XHHW) CU, (1) #6 CU GROUND, (1) #6 ISOLATED GROUND IN 2 1/2" CONDUIT OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE.

EMS: EMS/NIC CONTROL EQUIPMENT FURNISHED, INSTALLED AND WIRED BY NATIONAL ACCOUNTS VENDOR. INTER-COMMUNICATION POWER CENTER (IPC) EQUIPMENT TO INCLUDE: E.M.S. LIGHTING CONTACTORS, CONTROL POWER TRANSFORMERS, RELAYS/BASIS CONNECTORS. REFER TO ENERGY MANAGEMENT SYSTEM DRAWINGS EM1, EM2 & E2.1 FOR ADDITIONAL INFORMATION.

ACCESS BOX FOR FUTURE TEMPORARY GENERATOR: FOR TEMPORARY CONNECTION TO GENERATOR (CONNECTION NOT IN CONTRACT). BOTTOM OF BOX AT 4" AFF. SEE DETAIL 11E3.0.

350A "L&" FEEDER: TWO (2) SETS OF (#3) 40K MCM, (XHHW) CU, (1) #6 CU GROUND, (1) #8 SOLID BOND GROUND, IN 2" 12" C. OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE.

TEMPORARY POWER TO BE SUPPLIED AND PAID FOR BY THIS CONTRACTOR.

THE CONTRACTOR IS TO PAY FOR ALL THE UTILITIES USED IN THEIR SCOPE OF WORK.

PROVIDE TEMPORARY 480V POWER FOR FLOOR POLISHER, AND IF REQUIRED 208V TO 480V STEP-UP TRANSFORMER.

