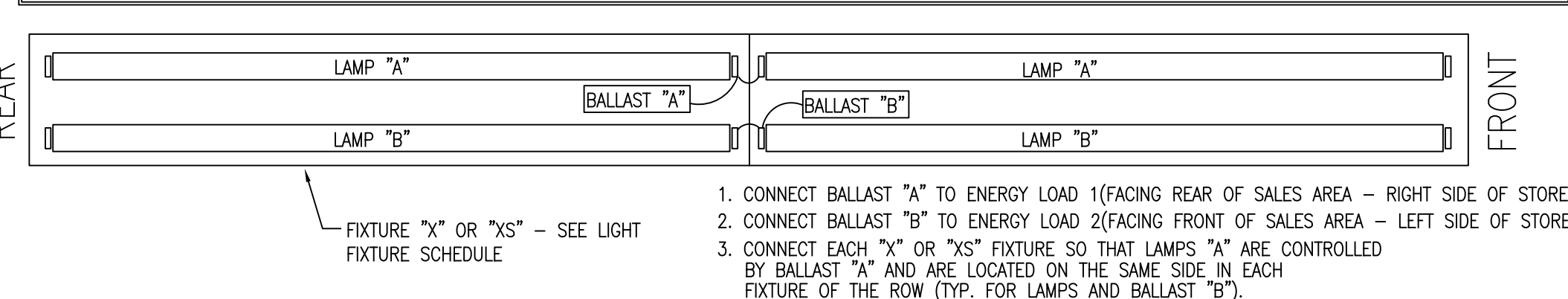


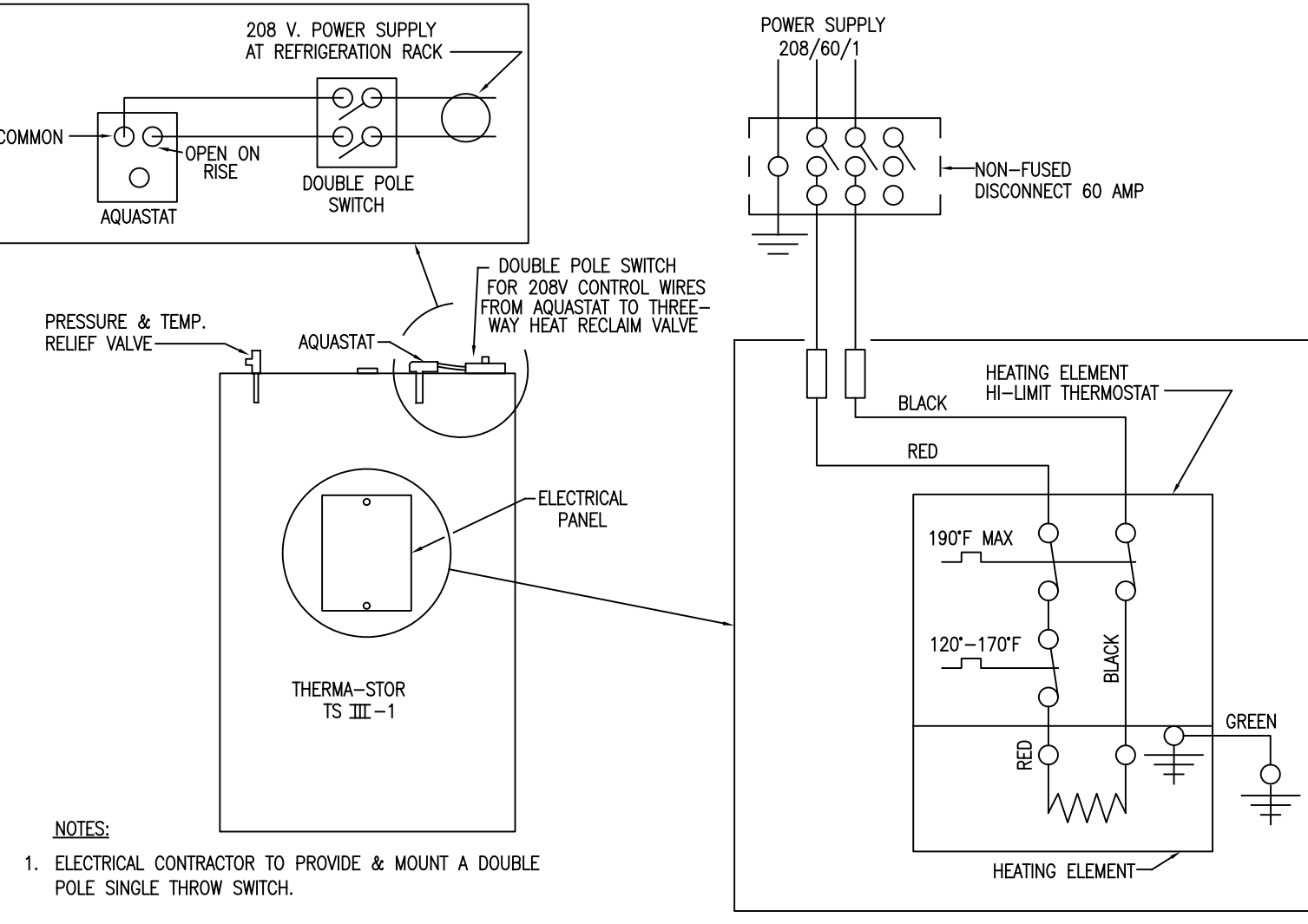
2 "UPS" UNIT WIRING DIAGRAM
E6.02 NOT TO SCALE

Fixture Type	Description	Manufacturer	Label	Watts	Volts	Note	Location
B	Avante 2L1x4 T8 Surface Suspended Fixture	Lithonia	AVSM 2 32 MDR DLS MVOLT OS10PSX	52	120		Fluorescent restroom lights.
BE	Avante 2L1x4 T8 Surface Suspended Fixture w/EM	Lithonia	AVSM 2 32 MDR DLS MVOLT OS10PSX EL55	52	120		Fluorescent restroom lights.
BL	LED LINEAR CURVE Fixture, 37w, 4650 lumens, 35K	Elite	4-OC1-LED-5000L-DM10-MVOLT-35K-85				If anything other than recessed cans or Avante fixtures exist, replace with this fixture. Replace all fluorescent restroom lights with this fixture in LED stores.
BLE	LED LINEAR CURVE Fixture, 37w, 4650 lumens, 35K w/wieg battery backup	Elite	4-OC1-LED-5000L-DM10-MVOLT-35K-85-0-EMG-LED				If anything other than recessed cans or Avante fixtures exist, replace with this fixture. Replace all fluorescent restroom lights with this fixture in LED stores.
E1	Emergency light, 2 head	Mule	TSR-HO-W-BM	10.8	MVOLT		To be used when exisiting fixtures are off-white and store is getting all new finishes (cool color scheme)
XCL	LED Egress Light	Mule	MAKOLED ACEN DB	6	120		LED Egress egress emergency light
XC	Egress Light	Lithonia	AFN DB EXT	0.05	120		Exterior egress emergency light
EXL	Exit Sign, Polycarbonate, NiCad battery	Mule	MX-B-R-UJ	4	MVOLT		White Interior EXIT sign
M	2L2X4 Prismatic Troffer	Lithonia	2GT8 2 32 RN A12 MVOLT OS10ISH	52	120		Conditors/Offices/Lounge w/ lay-in ceiling.
ME	2L2X4 Prismatic Troffer emergency	Lithonia	2GT8 2 32 RN A12 MVOLT OS10ISH EL14	52	120		Same, emergency light
M2	2L2X2 Prismatic Troffer	Lithonia	2GT8 2 17 RN A12 MVOLT OS10ISH	37	MVOLT		2' version of M fixture (to be added as needed to boost light levels in dark areas)
O4	4' Led Lensed Strip Light	Lithonia	ZLIN L48 3000LM FST MVOLT 35K 80CRI	32	MVOLT		Mount 4' to bulkhead to illuminate back of inspirations board.
O4S	4' Led Lensed Strip Light for Deli / Bakery suspended	Lithonia	ZLIN L48 3000LM FST MVOLT 35K 80CRI (ZACVH + CABLE)	32	MVOLT		Suspended behind bulkhead to illuminate back of inspirations board (when case doesn't run parallel to bulkhead)
OZA	2L8 w/ Asymetric Reflector	Lithonia	TZ 1 32 MVOLT OS10IS ZBASR48	52	120	4	On top of cases (uplighting)
OZA1	1L4 w/ Asymetric Reflector	Lithonia	Z 1 32 MVOLT OS10IS ZBASR48	27	120	4	4' version of OZA
OZAG	2L8 w/ Asymetric Reflector, Grid Hung	Lithonia	TZ 1 32 MVOLT OS10IS ZBASR48, ZSPRG	52	120		Grid QZA (low righting); department signage illumination
OZAG1	1L4 w/ Asymetric Reflector, Grid Hung	Lithonia	Z 1 32 MVOLT OS10IS ZBASR48, ZSPRG	27	120		4' version of OZAG
OZAS	2L8 w/ Asymetric Reflector, Suspended	Lithonia	TZ 1 32 MVOLT OS10IS ZBASR48, ZACVH	52	120	7	Suspended QZA (downrighting); department signage illumination
OZAS1	1L4 w/ Asymetric Reflector, Suspended	Lithonia	Z 1 32 MVOLT OS10IS ZBASR48, ZACVH	27	120	7	4' version of OZAS
S	Down Light, Clear alkali ref w/ lens	Lithonia	LFBN 2/28-4TRT MVOLT FB03A CGL OSCF	69	120		Existing recessed can-light in some restrooms, to be replaced to match existing
SL	LED recessed cans 8", 32W, 3500K	Green Creative	32CGL8G4DM835/277	32	120		LED Recessed Can Light used in Energy Upgrades
SLE	LED 8", 32W, 3500K w/battery backup	Green Creative	32CGL8G4DM835/277/EM	32	120		LED Recessed Can Light w/ battery back up used in Energy Upgrades
T	LED Recessed Can, Clear alkali ref w/ lens	Lithonia	LDNR8/ 2/28-4TRT RBAR LS MVOLT ELV				LED Recessed Can Light w/ battery back up used in Energy Upgrades
U	2L4 Waparound	Lithonia	LB 2 32 MVOLT OS10ISH	52	120		Conditors/Offices/Lounge w/ gypsum wall board ceiling
UE	2L4 Waparound with emergency	Lithonia	LB 2 32 MVOLT OS10ISH EL14	52	120		Same, emergency light
VL	4' LED Walk-in Cooler/Freezer Fixture, 4000K	Power Concepts	LT-1228U-40	88	120		LED Prep Room Lights
X7	2x4 LED Troffer (lay-in)	Power Concepts	P4HTF2419L06A301	120	MVOLT		Deli/Bakery sales lights for stores with a lay-in ceiling
CL	10"x3.5" Cylinder, suspended by 12" Stem (2x 8" w/ Coupling) 10 W, 1100 LUMENS, 3500K, Matte Black	Contech	CY3T-135K-12DI-RS-M-8 w/ PST/EM/A-B	10	120		Flagship Deli Pendants
K	LED Wall Wash	Lumim/CED	O2-CSR-CR44-35K-SO-UNV-ND-SW-MF-65-SW-W-CL-12				Garden Cooler wall-wash light
LU	8' Linear Strip Linking Fixture, Starter/End/Middle Unit, 80 watts, 9600 lumens, 3500K	Lite Sheet	BSL8-8-80-V-3580-(S.E.M.)-CA-D	80			Exterior canopy light - installed in 1 continuous run. Could also use in an "open prep" room.
LU1	4' Linear Strip Linking Fixture, Starter/End/Middle Unit, 40 watts, 4800 lumens, 3500K	Lite Sheet	BSL4-4-40-V-3580-(S.E.M.)-CA-D	40			Exterior canopy light - installed in 1 continuous run. Could also use in an "open prep" room.
AEK8	6" WideT8 8' 2 L strip w/UNV/S Normal Power Ballast	AEI Lighting	T8ST-8FT-232-UNNP-NL-6"	32	120		To be used in existing "bolly pan" style stores for whole new rows only. Do not use this fixture to extend existing rows.
AEK4	6" WideT8 4' 1 L strip w/UNV/S Normal Power Ballast	AEI Lighting	T8ST-4FT-232-UNNP-NL-6"	32	120		To be used in existing "bolly pan" style stores for whole new rows only. Do not use this fixture to extend existing rows.

Fixture Type	Description	Manufacturer	Catalog Number	Watts	Volts	Note	Location
X	Continuous Recessed Row Fluorescent, 2L 8'	Lithonia	CRRS 2 96T8 120 OS10IS	123	MVOLT		Existing Sales Area- lay-in ceiling with recessed fixtures
X1	Continuous Recessed Row Fluorescent, 2L 4'	Lithonia	CRRS 2 32T8 120 OS10IS	65	MVOLT		Existing Sales Area- lay-in ceiling with recessed fixtures
XX	Strip 2L8'	Lithonia	TC 2 32 MVOLT OS10IS	65	120		Existing Sales Area- lay-in ceiling with surface-mounted fixtures
XX1	Strip 1L4'	Lithonia	C 2 32 MVOLT OS10IS	35	120		Existing Sales Area- lay-in ceiling with surface-mounted fixtures
XX2	Strip 2L8'	Lithonia	C 2 96T8 MVOLT OS10IS	98	120		Existing Sales Area- lay-in ceiling with surface-mounted fixtures
XAA	Fluorescent High Bay 48" straight blade louvers	Lithonia	TMS8 2 32 SBL MD MVOLT OS10ISH TLV CRM	111	120	7	Existing Sales Area-open structure with suspended fixtures. Typical in 35-05 style stores. If necessary, relocate existing fixtures to extend rows as needed and replace entire section with these, minus the louvers. Add to frozen food aisle in 35-05 style stores to match existing (with louvers).
XAA1	Fluorescent High Bay 24" straight blade louvers	Lithonia	MSS 2 32 SBL MD MVOLT 211 OS10ISH CRM	52	120	7	Existing Sales Area-open structure with suspended fixtures. Typical in 35-05 style stores. If necessary, relocate existing fixtures to extend rows as needed and replace entire section with these, minus the louvers. Add to frozen food aisle in 35-05 style stores to match existing (with louvers).
XTT	SUSPENDED DIRECT INDIRECT	Peerlite	10CRMB 3 32 30/70 4FT R4 120 GEB SCT LPL F2 12 ACG CMG	111	120	7	Existing Vestibule Area-open structure with suspended fixtures. Typical in 35-05 style stores.



1 MAIN SALES AREA LIGHTING WIRING DETAIL
E6.02 NTS



3 WIRING DETAIL FOR THERMA-STOR III-1 RECLAIM WATER HEATER
E6.02 NOT TO SCALE

SYMBOL LEGEND	
S	SINGLE POLE SWITCH
S3	THREE WAY SWITCH
Sp	SINGLE POLE SWITCH w/ PILOT LIGHT INDICATOR
⊕	DUPLEX RECEPTACLE
W.P.	WEATHERPROOF RECEPTACLE
⊕	QUADRAPLEX RECEPTACLE
⊕	SPECIAL RECEPTACLE (TYPE AS NOTED)
⊕	JUNCTION BOX
▷	MICROPHONE
▷	TELEPHONE JACK, 2"x4" UNLESS NOTED OTHERWISE
⊕	DISCONNECT SWITCH (TYPE AS NOTED)
⊕	MAGNETIC SWITCH
⊕	DROP FROM CEILING
⊕	NEW FLOOR STUB-UP
⊕	ELECTRICAL CONNECTION UNDER CASE
⊕	FLUORESCENT FIXTURE
⊕	LIGHT FIXTURE (SEE LIGHT FIXTURE SCHEDULE ON THIS SHEET)
⊕	EXIT LIGHT
⊕	EMERGENCY LIGHT FIXTURE
⊕	EXHAUST FAN
⊕	PUSHBUTTON
⊕	SIGNAL BELL
⊕	SENSOR...TEMP/HUMIDITY (HANDY BOX MTD.)
⊕	SCALE COMMUNICATION OUTLET
⊕	ENERGY MANAGEMENT SYSTEM LOAD NUMBER
⊕	SPEAKER VOLUME CONTROL

