sensorswitch®
An AcuityBrands Company

45		BRIDGE PORT CONNECTION POINTS
9	nBB PS 150	nBRG 8 KIT Bridge–8 Port with 150 mA power supply
1	nGWY PS 150 PS 150	nGWY2 L400 KIT nGateway2 KIT consists of a nGWY2 CTRL L400 Unit, a nGateway2 GFX, two PS 150 (150 mA power supply), Sensorview Software MAX Devices 400
11	n PODM	nPODM [COLOR] 1 Channel On/Off Toggle
2	n PODM 2P	nPODM 2P [COLOR] 2 Channel On/Off Toggle
4	nPOD GFX	nPOD GFX Grafix WallPod, required power supply PS 150 included
6	n$	nIWSD [COLOR] Wall Switch Decorator Sensor – Passive Infrared (PIR)
26	nW PDT LV	nIWSX PDT LV [COLOR] Wall Switch Decorator Sensor, Dual Technology (PDT), Low Voltage
3	nCM	nCM 9 Standard Range 360° Sensor–Ceiling Mount, Low Voltage, Passive Infrared (PIR)
12	nCM	nCM 10 Extended Range 360° Sensor–Ceiling Mount, Low Voltage, Passive Infrared (PIR)
29	nCM	nCM PDT 9 Standard Range 360° Sensor, Ceiling Mount, Low Voltage, Dual Technology (PDT)
4	nWV PDT	nIWV PDT 16 Wide View Sensor–Corner Mount, Low Voltage, Dual Technology (PDT)
4	nWV BR	nIWV BR nLight Ceiling Mount Bracket
43	nP	nPP16 Power Pack: 120/277 VAC
4	D EPPS KO	nEPP5 D KO Embedded Power/Relay Pack; Dimming Control; Chase Nipple Mounting
16	ER	nPP16 ER Power Pack: 16A 120/277 VAC UL–924 Emergency Relay Pack
28	NFT	nLIGHT ENABLED FIXTURE SUPPLIED BY OTHERS (USED FOR DEVICE COUNTING ONLY)
1	nIO 15	nIO 15 Universal Input/Output Device

nLIGHT SYSTEM NOTES

Common Terminology

1. Zone: A group of devices in a room or area that are daisy–chained wired together with CAT–5(e) cabling and function together to control that particular space's lighting. Devices can be wired in any order. Power for devices and communication may be supplied locally from power/relay packs (nPP–16) and/or power supplies (nPS–150).
2. Backbone: The communication network consisting of Bridges (nBRG–*), Transceivers (nTXVR–250), and a single Gateway (nGWY) which interconnects nLight zones to the SensorView software (required for remote programming/status). Bridge and Transceiver devices also supply power for zones without local power/relay packs or power supplies.
3. Bridge (nBRG–*): A device used to hub several zones together. Bridges interconnect using with either CAT–5(e) with other Bridges, or a Gateway (nGWY) to form a network backbone. Bridges also supply power to downstream zones that do not generate local power.
4. Gateway (nGWY): The device in an nLight network that connects to the building's Ethernet (and eventually the computer running the SensorView software). One Gateway is needed per 400 devices. Requires an Ethernet drop.
5. WallPod: A term for any nLight toggle switch, dimmer switch, or scene controller. All WallPods have model numbers that start with "nPOD".

Design Notes

1. One relay is needed per circuit to be controlled and can reside within sensors, WallPods, or Relay Packs. Power Pack placement on drawings is for counting only; final placement is up to discretion of contractor.
2. Bridges and sensors on drawings were placed with information provided at time of design. Additional Bridges and/or sensors may be required depending on building changes, final partition height/placement, furniture placement, equipment height/placement and shelving height/placement.
3. Final placement of the Bridge(s) and Gateway(s) devices shall be at the contractor/engineer discretion.
4. All devices have RJ–45 Female ports. Making CAT–5(e) cables with T568B Male terminations is required. It is imperative that all CAT–5 cables be tested with a LAN Cable Tester to verify proper terminations.
5. Sensors in electrical/mechanical locations need to be verified with authority having jurisdiction (NEC 110.26.D) "Illumination. Illumination shall be provided for all working space about service equipment, switchboards, panel boards, or motor control centers installed indoors. Additional light outlets shall not be required where the work space is illuminated by an adjacent light source or a permitted by 201 70(A)(1). Exception No. 1, for switched receptacles. In electrical equipment rooms the illumination shall not be controlled by automatic means only."
6. For more information regarding the nLight system or installation, go to www.sensorswitch.com/nlight/docs.

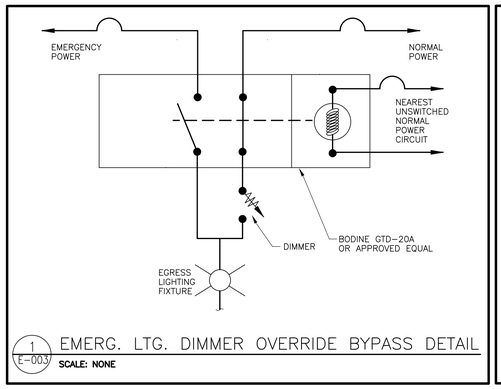
SENSOR FEATURE OPTIONS		WALL SWITCH/POD COLOR OPTIONS	
ABBREVIATION	DEFINITION	ABBREVIATION	DEFINITION
ADC	AUTOMATIC DIMMING CONTROL	IV	IVORY
D	MANUAL DIMMING	GY	GREY
DX	MANUAL DIMMING CONTROL	WH	WHITE
DZ	DUAL ZONE	AL	ALMOND
LV	LOW VOLTAGE	SENSOR ACCESSORIES	
LT	LOW TEMP	NAME	DEFINITION
NL	NIGHT LIGHT	WV BR	WIDE VIEW CEILING MOUNTING BRACKET
P	PHOTOCELL	FB1	DEEP FIXTURE BRACKET
PDT	PASSIVE DUAL TECHNOLOGY	FB2	DEEP FIXTURE BRACKET WITH HARDWARE
RF	RADIO FREQUENCY		
V	VANDAL RESISTANT		
2P	2 POLE		
347	347 VOLT		
4	4 PORT		
8	8 PORT		
480	480 VOLT		

OCCUPANCY SENSOR SCHEDULE

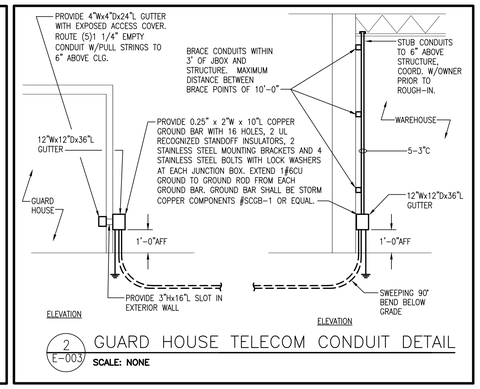
DESCRIPTION	SYMBOL	WATTSTOPPER MODEL NUMBER	UNOBSTRUCTED RATED COVERAGE	MOUNTING	WATTAGE/ VOLTAGE	TIME DELAY	NOTES
PASSIVE INFRARED SWITCH	$PIR	PW–100	300 SF	WALL	800W/120V 1200W/277V	30 MIN.	
PASSIVE INFRARED AREA SENSOR	IR1200	CI–200	1200 SF	CEILING	24VDC	30 MIN.	1
ULTRASONIC AREA SENSOR	US00L	UT–355–1	500 SF	CEILING	800W/120V 1200W/277V	30 MIN.	

NOTES:
1. SENSOR REQUIRES POWER PACK (INSTALL IN ACCESSIBLE LOCATION)
2. SWIVEL MOUNTING BRACKET INCLUDED.

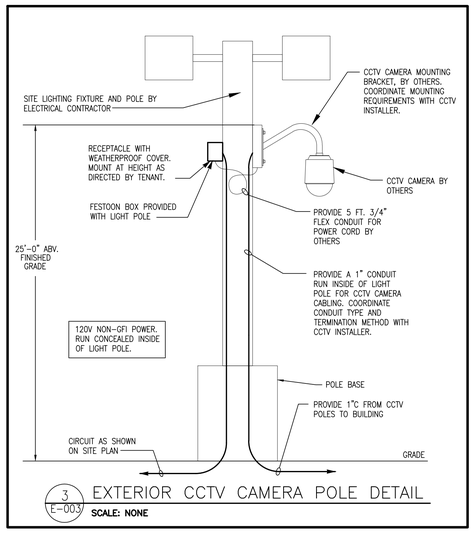
APPROVED ALTERNATES*: COOPER CONTROLS, PASS & SEYMOUR, LEVITON
* ALTERNATE MANUFACTURER SHALL SUBMIT SHOP DRAWINGS INCLUDING SCALED FLOOR PLANS OF DEVICE LOCATIONS AND CUT SHEETS OF DEVICES.



1 E–003 EMERG. LTG. DIMMER OVERRIDE BYPASS DETAIL
SCALE: NONE



2 E–003 GUARD HOUSE TELECOM CONDUIT DETAIL
SCALE: NONE



3 E–003 EXTERIOR CCTV CAMERA POLE DETAIL
SCALE: NONE

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

UNIT TAG	LOAD	UNIT DESCRIPTION	VOLTAGE	PANEL-CIRCUIT(S)	FEEDER SIZE	DISCONNECT FRAME / POLE / ENCLOSURE / FUSE SIZE	MOCP	REMARKS
CRAC-1 (IN)	59.5 A	COMPUTER ROOM A/C INDOOR UNIT	480/3	TKHM-1,3,5	4#4, #8G, 1"C	DIVISION 23	80 / 3	1
CRAC-2 (IN)	59.5 A	COMPUTER ROOM A/C INDOOR UNIT	480/3	TKHM-13,15,17	4#6, #8G, 1"C	DIVISION 23	80 / 3	1
CRAC-3 (IN)	59.5 A	COMPUTER ROOM A/C INDOOR UNIT	480/3	SHAMDF-1,3,5	4#6, #8G, 1"C	DIVISION 23	80 / 3	1
CRAC-4 (IN)	59.5 A	COMPUTER ROOM A/C INDOOR UNIT	480/3	SHAMDF-13,15,17	4#6, #8G, 1"C	DIVISION 23	80 / 3	1
CRAC-1 (OUT)	7.6 A	COMPUTER ROOM A/C OUTDOOR UNIT	480/3	TKHM-7,9,11	4#12, #12G, 1/2"C	DIVISION 23	15 / 3	1
CRAC-2 (OUT)	7.6 A	COMPUTER ROOM A/C OUTDOOR UNIT	480/3	TKHM-19,21,23	4#12, #12G, 1/2"C	DIVISION 23	15 / 3	1
CRAC-3 (OUT)	7.6 A	COMPUTER ROOM A/C OUTDOOR UNIT	480/3	SHAMDF-7,9,11	4#12, #12G, 1/2"C	DIVISION 23	15 / 3	1
CRAC-4 (OUT)	7.6 A	COMPUTER ROOM A/C OUTDOOR UNIT	480/3	SHAMDF-19,21,23	4#12, #12G, 1/2"C	DIVISION 23	15 / 3	1
AC-1	0.3 A	A/C UNIT	208/1		3#12, #12G, 1/2"C	N/A	15 / 2	POWERED FROM CU-1
CU-1	13.0 A	CONDESING UNIT	208/1	LO1-93,95	3#12, #12G, 1/2"C	30 / 2 / 3R	15 / 2	
EWH-A1	3.0 KW	WALL HEATER	277/1	HA3M-14	3#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EWH-A2	3.0 KW	WALL HEATER	277/1	HB2M-32	3#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EWH-A3	3.0 KW	WALL HEATER	277/1	HB3M-32	3#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EWH-A4	3.0 KW	WALL HEATER	277/1	HB4M-26	3#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EWH-B	1.5 KW	WALL HEATER	277/1	SEE DRAWINGS	3#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EUH-P1	5.0 KW	HEATED AIR CURTAIN	277/1	HA1-28	3#10, #10G, 1/2"C	DIVISION 23	25 / 1	1
ECH-A	5.0 KW	CEILING HEATER	277/1	HA2M-67	3#10, #10G, 1/2"C	DIVISION 23	25 / 1	1
EF-1	0.1 KW	TOILET EXHAUST	120/1		2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1,3
EF-2	0.1 KW	TOILET EXHAUST	120/1		2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1,3
EF-3	0.1 KW	TOILET EXHAUST	120/1		2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1,3
EF-4	0.1 KW	TOILET EXHAUST	120/1		2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1,3
EF-5	1/4 HP	TOILET EXHAUST	120/1	SEE DRAWINGS	2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EF-6	1/4 HP	TOILET EXHAUST	120/1	LO1-97	2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EF-7	1/4 HP	TOILET EXHAUST	120/1	LO1-99	2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EF-8	1/4 HP	TOILET EXHAUST	120/1	LO1-101	2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1
EF-9	0.1 KW	TOILET EXHAUST	120/1	LO1-103	2#12, #12G, 1/2"C	DIVISION 23	15 / 1	1,3
EF-P1	3/4 HP	FIRE PUMP VENTILLATION	208/1	LA1-30,32	3#12, #12G, 1/2"C	DIVISION 23	15 / 2	1
HVLS-A	2.0 HP	CIRCULATION FAN	480/3	SEE DRAWINGS	4#10, #10G, 3/4"C	30 / 3 / 1	15 / 3	2
HVLS-B	1.0 HP	CIRCULATION FAN	480/3	SEE DRAWINGS	4#10, #10G, 3/4"C	30 / 3 / 1	15 / 3	2
RTU-A	32.0 A	ROOF TOP UNIT	480/3	SEE DRAWINGS	4#8, #10G, 3/4"C	DIVISION 23	40 / 3	1
RTU-B	37.0 A	ROOF TOP UNIT	480/3	SEE DRAWINGS	4#8, #10G, 3/4"C	DIVISION 23	45 / 3	1
RTU-C	50.0 A	ROOF TOP UNIT	480/3	SEE DRAWINGS	4#6, #10G, 1"C	DIVISION 23	60 / 3	1
RTU-1	13.7 A	ROOF TOP UNIT	480/3	HA2M-2,4,6	4#12, #12G, 1/2"C	DIVISION 23	20 / 3	1
RTU-2	13.7 A	ROOF TOP UNIT	480/3	HA2M-8,10,12	4#12, #12G, 1/2"C	DIVISION 23	20 / 3	1
RTU-3	10.1 A	ROOF TOP UNIT	208/1	LO1-85,87	2#12, #12G, 1/2"C	DIVISION 23	15 / 2	1
RTU-4	10.1 A	ROOF TOP UNIT	208/1	LO1-89,91	2#12, #12G, 1/2"C	DIVISION 23	15 / 2	1
RTU-5	19.9 A	ROOF TOP UNIT	480/3	HA2M-14,16,18	3#10, #10G, 1/2"C	DIVISION 23	25 / 3	1
RTU-6	15.2 A	ROOF TOP UNIT	480/3	HA2M-20,22,24	3#12, #12G, 1/2"C	DIVISION 23	20 / 3	1
RTU-7	11.4 A	ROOF TOP UNIT	480/3	HA2M-26,28,30	3#12, #12G, 1/2"C	DIVISION 23	15 / 3	1
RTU-8	13.7 A	ROOF TOP UNIT	480/3	HA2M-32,34,36	3#12, #12G, 1/2"C	DIVISION 23	20 / 3	1
RTU-9	24.9 A	ROOF TOP UNIT	480/3	HA2M-38,40,42	3#10, #10G, 1/2"C	DIVISION 23	30 / 3	1
RTU-10	24.9 A	ROOF TOP UNIT	480/3	HA2M-43,45,47	3#10, #10G, 1/2"C	DIVISION 23	30 / 3	1
RTU-11	11.4 A	ROOF TOP UNIT	480/3	HA2M-49,51,53	3#12, #12G, 1/2"C	DIVISION 23	15 / 3	1
RTU-12	24.9 A	ROOF TOP UNIT	480/3	HA2M-55,57,59	3#10, #10G, 1/2"C	DIVISION 23	30 / 3	1
RTU-13	15.1 A	ROOF TOP UNIT	480/3	HA2M-61,63,65	3#12, #12G, 1/2"C	DIVISION 23	20 / 3	1
AHU-1	25.0 A	AIR HANDLER	208/1	LB4-30,32	2#10, #10G, 1/2"C	DIVISION 23	25 / 2	1
HPU-1	9.0 A	HEAT PUMP	208/1	LB4-34,36	2#12, #12G, 1/2"C	DIVISION 23	15 / 2	1 ON ROOF
AHU-2	25.0 A	AIR HANDLER	208/1	LA4-35,37	2#10, #10G, 1/2"C	DIVISION 23	25 / 2	1
HPU-2	9.0 A	HEAT PUMP	208/1	LA4-39,41	2#12, #12G, 1/2"C	DIVISION 23	15 / 2	1 ON ROOF
WL-P1	0.1 KW	WALL LOUVER	120/1	LA1-28	2#12, #12G, 1/2"C	MOTOR RATED SWITCH	15 / 1	
EWH-1 (WATER HEATER)	6.0 KW	WATER HEATER	277/1	HA2M-69	2#10, #10G, 1/2"C	30 / 1 / 1	30 / 1	
EWH-2 (WATER HEATER)	6.0 KW	WATER HEATER	277/1	HB5M-26	2#10, #10G, 1/2"C	30 / 1 / 1	30 / 1	
EWH-3 (WATER HEATER)	8.5 KW	WATER HEATER	480/3	HA4M-8,10,12	4#10, #10G, 3/4"C	30 / 3 / 1	15 / 3	
EWH-4A (WATER HEATER)	3.5 KW	WATER HEATER	208/1	LB6-36,38	2#10, #10G, 1/2"C	30 / 2 / 1	25 / 2	
EWH-4B (WATER HEATER)	3.5 KW	WATER HEATER	208/1	LB4-38,40	2#10, #10G, 1/2"C	30 / 2 / 1	25 / 2	
EWH-4C (WATER HEATER)	3.5 KW	WATER HEATER	208/1	LB2-22,24	2#10, #10G, 1/2"C	30 / 2 / 1	25 / 2	
EWH-4D (WATER HEATER)	3.5 KW	WATER HEATER	208/1	LA6-25,27	2#10, #10G, 1/2"C	30 / 2 / 1	25 / 2	
EWH-5 (WATER HEATER)	108.0 KW	WATER HEATER	480/3	MSA-1,3,5	3#2/0, #6G, 2"C	200 / 3 / 1	175 / 3	
NOTES:	COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH DIVISION 23 PRIOR TO ROUGH-IN. 1. DISCONNECT PROVIDED BY DIVISION 23 AND INSTALLED BY DIVISION 26 2. WIRE THROUGH CONTROL PANEL. COORDINATE REQUIREMENTS WITH DIVISION 23. 3. WIRE THROUGH WALL SWITCH.							

MACGREGOR ASSOCIATES ARCHITECTS
2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MALAK
7/31/13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093–2997
V: (770) 447–5547 F: (770) 448–0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
△	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods
DISTRIBUTION CENTER
125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

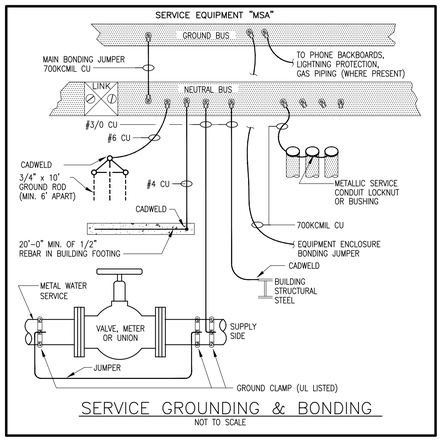
DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE
ELECTRICAL LEGEND, NOTES AND SCHEDULES

SHEET NUMBER
E-003

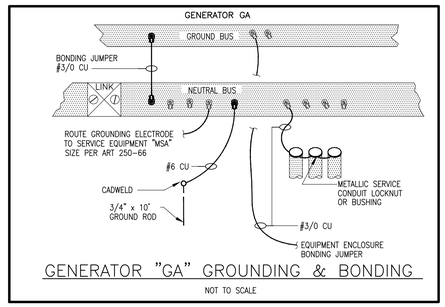
FOR CONSTRUCTION

07/31/2013 11:23:17 AM



SERVICE GROUNDING & BONDING

NOT TO SCALE



GENERATOR "GA" GROUNDING & BONDING

NOT TO SCALE

SCHEDULE OF FEEDERS & SERVICES

Designation	Feeder/Service Description: Equipment Served	Conductor Ampacity (Amps)	Copper or Aluminum	Number of Runs	Conductor Size: Phase Conductor	Neutral Conductor	Equipment Ground	Conduit Diameter (in)
F A 00	MSA	4000	CU	11 sets	3 # 500	1 # 500	-	4
F A 01	EDPA	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	2
F A 02	DT-ELA1	20	CU	1 set	3 # 12		1 # 10	MC
F A 03	ELA1	50	CU	1 set	3 # 8	1 # 8	1 # 8	MC
F A 04	EHA1	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F A 05	EHA2	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F A 06	EHA3	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F A 07	EHB1	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F A 08	BC1	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F A 09	BC2	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F A 10	BC6	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F A 11	BC7	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F A 12	HA1M	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F A 13	HA2M	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F A 14	HA3M	760	CU	2 sets	3 # 500	1 # 500	1 # 2/0	4
F A 15	HA4M	510	CU	2 sets	3 # 250	1 # 250	1 # 1	3
F A 16	HA1	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F A 17	DT-LA1	70	CU	1 set	3 # 4	-	1 # 8	MC
F A 18	LA1	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F A 19	HA2	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F A 20	DT-LA2	50	CU	1 set	3 # 8		1 # 10	MC
F A 21	LA2	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC
F A 22	HA3	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F A 23	DT-LA3	50	CU	1 set	3 # 8	-	1 # 10	MC
F A 24	LA3	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC
F A 25	HO1	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F A 26	DT-LO1	115	CU	1 set	3 # 2	-	1 # 6	MC
F A 27	LO1	255	CU	1 set	3 # 250	1 # 250	1 # 4	MC
F A 28	DT-LO2	115	CU	1 set	3 # 2	-	1 # 6	MC
F A 29	LO2	255	CU	1 set	3 # 250	1 # 250	1 # 4	MC
F A 30	DT-LA4	100	CU	1 set	3 # 3	-	1 # 6	1 1/4
F A 31	LA4	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F A 32	MHE1	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F A 33	MHE2	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F A 34	SHAMDF	855	CU	3 sets	3 # 300	1 # 300	1 # 1/0	3
F A 35	DT-SLAMDF	70	CU	1 set	3 # 4	-	1 # 8	MC
F A 36	SLAMDF	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F A 37	HB1M	760	CU	2 sets	3 # 500	1 # 500	1 # 2/0	4
F A 38	HB1	255	CU	1 set	3 # 250	1 # 250	1 # 3	3
F A 39	DT-LB1	70	CU	1 set	3 # 4	-	1 # 8	MC
F A 40	LB1	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F A 41	DT-LB8	70	CU	1 set	3 # 4	-	1 # 6	1 1/4
F A 42	LB8	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC

KEY: "CU" - COPPER "AL" - ALUMINUM
NOTES: COPPER OR ALUMINUM REFERS TO ALL CONDUCTORS (PHASE, NEUTRAL, AND GROUND)

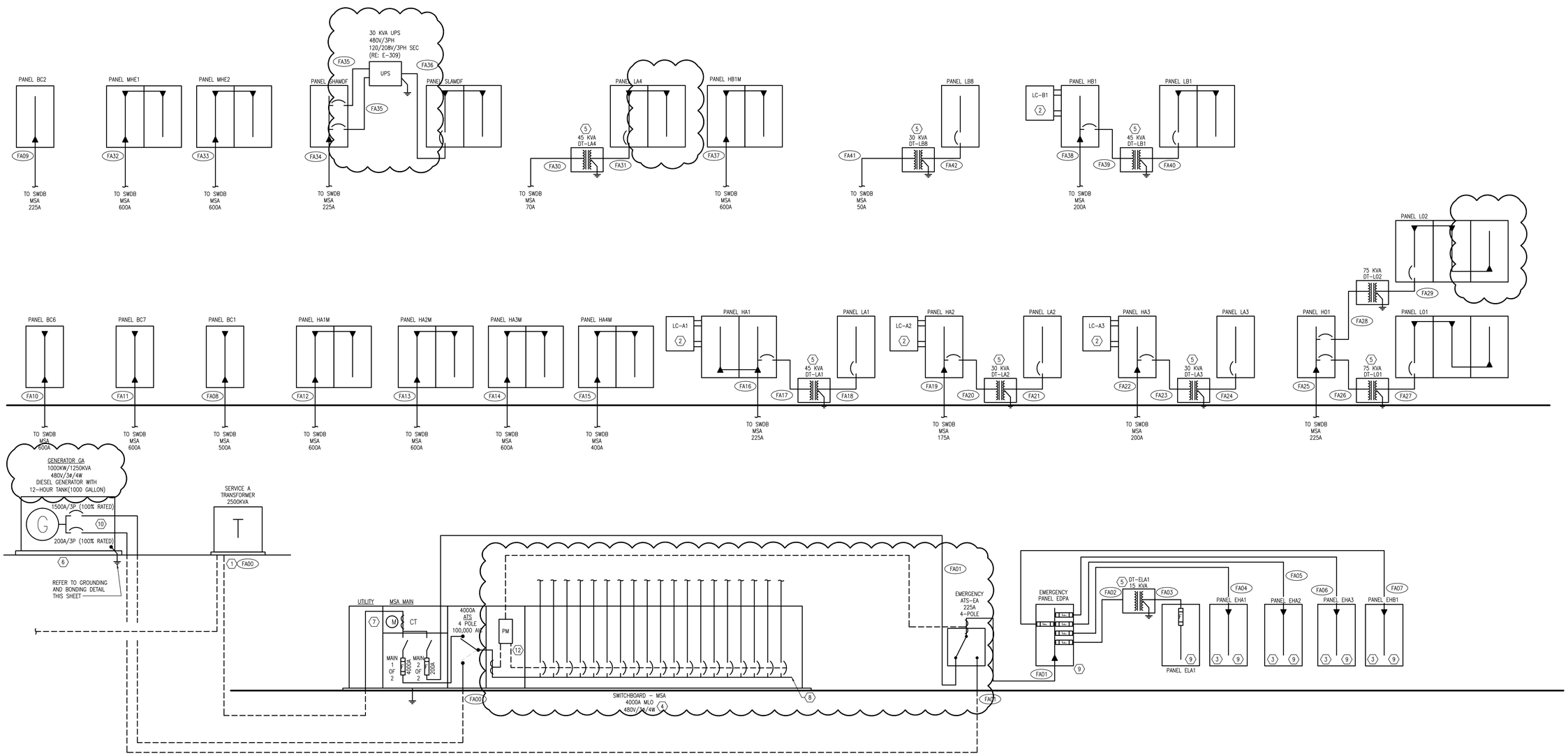
KEY NOTES:

1. PROVIDE ONE (1) EXTRA CONDUIT FOR CONDUIT RUN BENEATH GRADE.
2. LIGHTING CONTACTOR PANEL. ROUTE CONTROL WIRING TO BUILDING ENERGY MANAGEMENT SYSTEM PANEL AS REQUIRED. REFER TO LIGHTING CONTACTOR SCHEDULE ON E-611 AND E-612.
3. FEEDER TO PANEL IS INCREASED SIGNIFICANTLY DUE TO VOLTAGE DROP. ENSURE PROPER WIRE-BENDING SPACE AND LUG SIZE/QUANTITY AVAILABLE FOR PANEL PURCHASED.
4. PROVIDE PERMANENT PLAQUE ON SWITCHBOARD INDICATING TYPE AND LOCATION OF ON-SITE EMERGENCY POWER SOURCES.
5. TRANSFORMER SHALL BE WALL MOUNTED ABOVE PANEL. REFER WALL MOUNTED TRANSFORMER INSTALLATION DETAIL E-002.
6. EMERGENCY GENERATOR SHALL START UPON LOSS OF NORMAL POWER TO SWITCHBOARD MSA.
7. UTILITY COMPANY CT'S AND METERING MOUNTED AT SWITCHBOARD PER UTILITY COMPANY REQUIREMENTS, PROVIDE UTILITY COMPANY TERMINATION SECTION AS INTEGRAL PART OF SWITCHBOARD. COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY PRIOR TO FINAL RELEASE OF SWITCHGEAR.
8. PROVIDE BUSSING SUITABLE FOR EXTENSION TO A FUTURE SWITCHBOARD SECTION.
9. PANEL SHALL BE A BUSSMANN QUIK-SPEC MLO PANEL WITH FUSED BRANCH SWITCHES AND SPARE FUSES. REFER TO PANEL SCHEDULES FOR PANEL SIZES AND SWITCH RATINGS.
10. GENERATOR CIRCUIT BREAKERS SHALL BE ELECTRONIC TRIP WITH LSI.
11. TRANSFORMER TO BE NEMA 3R TYPE 480V PR1/120/240V-1PH-3W 25%.
12. PROVIDE ASCO 5200 SERIES POWER MANAGER. CONNECT TO SWITCHBOARD AND TRANSFER SWITCHES TO MONITOR POWER USAGE, LOADS, ETC. CONNECT TO TIME DELAY RELAYS TO OPERATE SHUNT TRIP OF EACH FEEDER AT SET LOAD VALUES. PROVIDE ALL CTS, RELAYS, CONNECTIONS, ETC. FOR A COMPLETE OPERATIONAL SYSTEM.

GENERAL NOTES:

G-1 ALUMINUM FEEDERS ARE PERMITTED FOR ALL FEEDERS #1/0 AND LARGER. CONTRACTOR TO SUBMIT ALTERNATE FEEDER SCHEDULE FOR REVIEW AND APPROVAL.

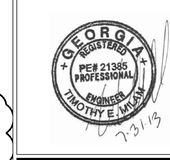
G-2 ALL DISTRIBUTION CIRCUIT BREAKERS IN MAIN SWITCHBOARDS TO "OPEN" WITH TIME RELAYS UPON LOSS OF NORMAL UTILITY POWER.



MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL



CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

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DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

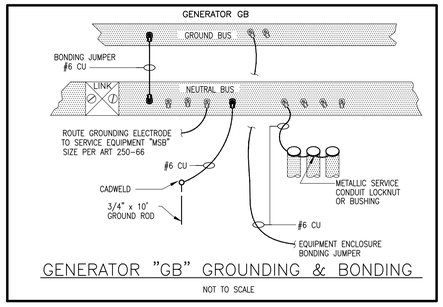
ELECTRICAL RISER DIAGRAM MSA

SHEET NUMBER

E-004

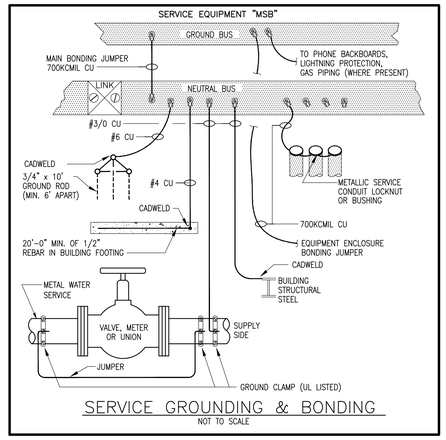
FOR CONSTRUCTION

6/14/2013 11:33:17 AM



GENERATOR "GB" GROUNDING & BONDING

NOT TO SCALE



SERVICE GROUNDING & BONDING

NOT TO SCALE

SCHEDULE OF FEEDERS & SERVICES

Designation	Feeder/Service Description: Equipment Served	Conductor Ampacity (Amps)	Copper or Aluminum	Number of Runs	Conductor Size: Phase Conductor	Conductor Size: Neutral Conductor	Conductor Size: Equipment Ground	Conduit Diameter (in)
F B 00	MSB	4000	CU	11 sets	3 # 500	1 # 500	-	4
F B 01	EDPB	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	2
F B 02	DT-ELB1	30	CU	1 set	3 # 10	-	1 # 10	MC
F B 03	ELB1	50	CU	1 set	3 # 8	1 # 8	1 # 10	MC
F B 04	EHA4	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F B 05	EHB2	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F B 06	EHB3	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F B 07	EHB4	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F B 08	EHB5	100	CU	1 set	3 # 3	1 # 3	1 # 8	1 1/4
F B 09	BC3	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 10	BC4	400	CU	2 sets	3 # 3/0	1 # 3/0	1 # 3	2 1/2
F B 11	BC5	400	CU	2 sets	3 # 3/0	1 # 3/0	1 # 3	2 1/2
F B 12	HB2M	255	CU	1 set	3 # 250	1 # 250	1 # 3	3
F B 13	HB3M	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 14	HB4M	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 15	HB5M	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F B 16	MHE3	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F B 17	MHE4	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F B 18	MHE5	620	CU	2 sets	3 # 350	1 # 350	1 # 1	3
F B 19	MHE6	400	CU	2 sets	3 # 3/0	1 # 3/0	1 # 3	2 1/2
F B 20	HB2	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 21	DT-LB2	50	CU	1 set	3 # 8	-	1 # 10	MC
F B 22	LB2	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC
F B 23	HB3	265	CU	1 set	3 # 300	1 # 300	1 # 2	3
F B 24	DT-LB3	70	CU	1 set	3 # 4	-	1 # 8	MC
F B 25	LB3	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F B 26	HB4	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 27	DT-LB4	70	CU	1 set	3 # 4	-	1 # 8	MC
F B 28	LB4	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F B 29	HB5	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 30	DT-LB5	70	CU	1 set	3 # 4	-	1 # 8	MC
F B 31	LB5	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F B 32	HB6	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 33	DT-LB6	70	CU	1 set	3 # 4	-	1 # 8	MC
F B 34	LB6	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F B 35	HB7	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 36	DT-LB7	70	CU	1 set	3 # 4	-	1 # 8	MC
F B 37	LB7	150	CU	1 set	3 # 1/0	1 # 1/0	1 # 6	MC
F B 38	HA5	255	CU	1 set	3 # 250	1 # 250	1 # 3	3
F B 39	DT-LA5	50	CU	1 set	3 # 8	-	1 # 10	MC
F B 40	LA5	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC
F B 41	HA6	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 42	DT-LA6	50	CU	1 set	3 # 8	-	1 # 10	MC
F B 43	LA6	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC
F B 44	HA7	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 45	DT-LA7	50	CU	1 set	3 # 8	-	1 # 10	MC
F B 46	LA7	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC
F B 47	HB9	230	CU	1 set	3 # 4/0	1 # 4/0	1 # 4	2 1/2
F B 48	DT-LB9	50	CU	1 set	3 # 8	-	1 # 10	MC
F B 49	LB9	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC
F B 50	DT-LBGH	50	CU	1 set	3 # 8	-	1 # 10	3/4
F B 52	TKHM	855	CU	3 sets	3 # 300	1 # 300	1 # 1/0	3
F B 53	DT-TKL	130	CU	1 set	3 # 1	-	1 # 6	MC
F B 54	TKL	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC
F B 55	DT-LB10	60	CU	1 set	3 # 6	-	1 # 8	1
F B 56	LB10	100	CU	1 set	3 # 3	1 # 3	1 # 8	MC

KEY: "CU" - COPPER "AL" - ALUMINUM

NOTES: COPPER OR ALUMINUM REFERS TO ALL CONDUCTORS (PHASE, NEUTRAL, AND GROUND)

KEY NOTES:

1. PROVIDE ONE (1) EXTRA CONDUIT FOR CONDUIT RUN BENEATH GRADE.
2. LIGHTING CONTACTOR PANEL. ROUTE CONTROL WIRING TO BUILDING ENERGY MANAGEMENT SYSTEM PANEL AS REQUIRED. REFER TO LIGHTING CONTACTOR SCHEDULE ON E-611 AND E-612.
3. FEEDER TO PANEL IS INCREASED SIGNIFICANTLY DUE TO VOLTAGE DROP. ENSURE PROPER WIRE-BENDING SPACE AND LUG SIZE/QUANTITY AVAILABLE FOR PANEL PURCHASED.
4. PROVIDE PERMANENT PLAQUE ON SWITCHBOARD INDICATING TYPE AND LOCATION OF ON-SITE EMERGENCY POWER SOURCES.
5. TRANSFORMER SHALL BE WALL MOUNTED ABOVE PANEL. REFER WALL MOUNTED TRANSFORMER INSTALLATION DETAIL E-002.
6. EMERGENCY GENERATOR SHALL START UPON LOSS OF NORMAL POWER TO SWITCHBOARD MSA.
7. UTILITY COMPANY CT'S AND METERING MOUNTED AT SWITCHBOARD PER UTILITY COMPANY REQUIREMENTS, PROVIDE UTILITY COMPANY TERMINATION SECTION AS INTEGRAL PART OF SWITCHBOARD. COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY PRIOR TO FINAL RELEASE OF SWITCHGEAR.
8. PROVIDE BUSSING SUITABLE FOR EXTENSION TO A FUTURE SWITCHBOARD SECTION.
9. PANEL SHALL BE A BUSSMANN QUIK-SPEC MLO PANEL WITH FUSED BRANCH SWITCHES AND SPARE FUSES. REFER TO PANEL SCHEDULES FOR PANEL SIZES AND SWITCH RATINGS.
10. GENERATOR CIRCUIT BREAKERS SHALL BE ELECTRONIC TRIP WITH LSI.
11. TRANSFORMER TO BE NEMA 3R TYPE 480V PR1/120/240V-1PH-3W 3KVA.
12. PROVIDE ASCO 5200 SERIES POWER MANAGER. CONNECT TO SWITCHBOARD AND TRANSFER SWITCHES TO MONITOR POWER USAGE, LOADS, ETC. CONNECT TO TIME DELAY RELAYS TO OPERATE SHUNT TRIP OF EACH FEEDER AT SET LOAD VALUES. PROVIDE ALL CTS, RELAYS, CONNECTIONS, ETC. FOR A COMPLETE OPERATIONAL SYSTEM.

GENERAL NOTES:

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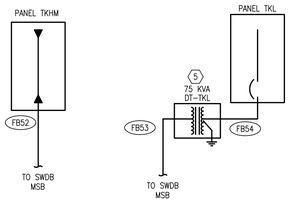
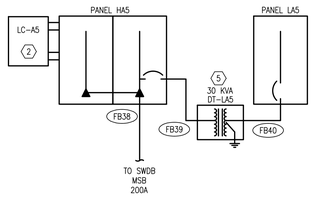
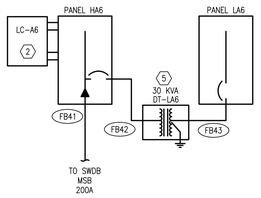
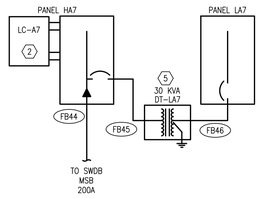
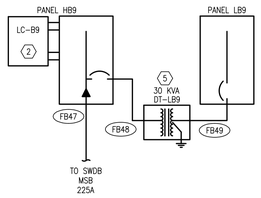
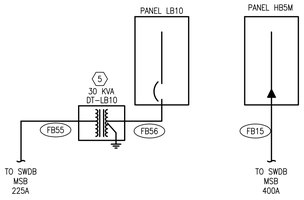


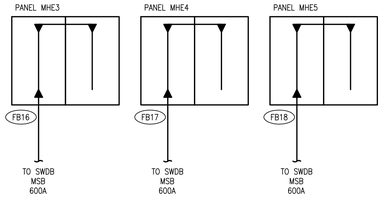


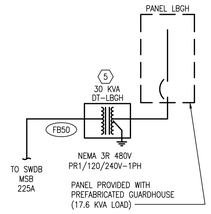


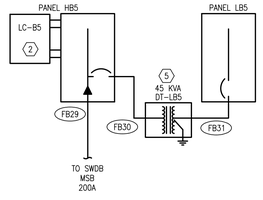


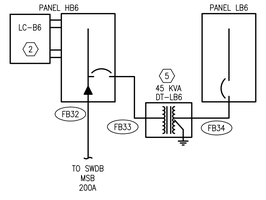


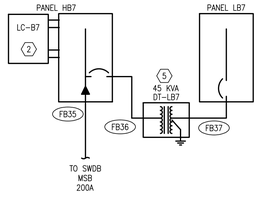


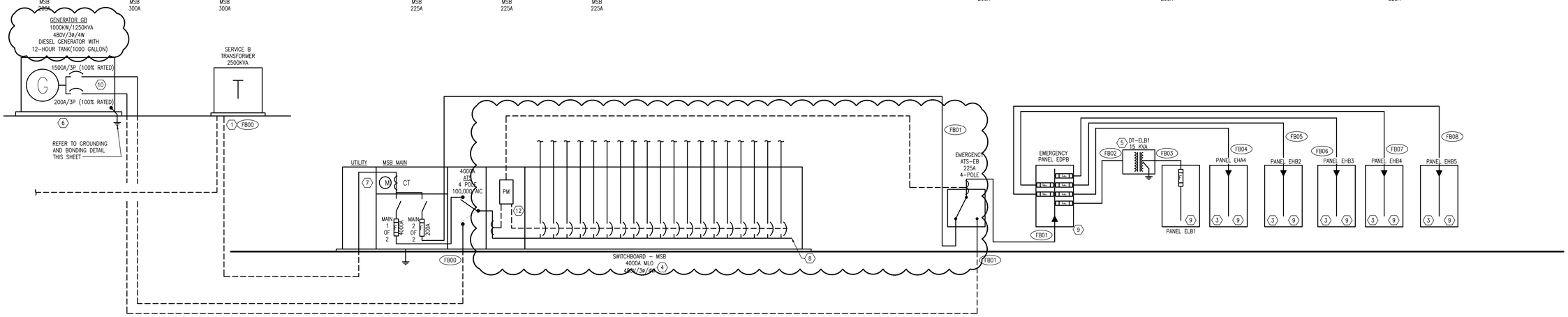








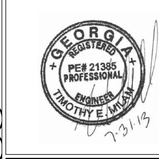




MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL



CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

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DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

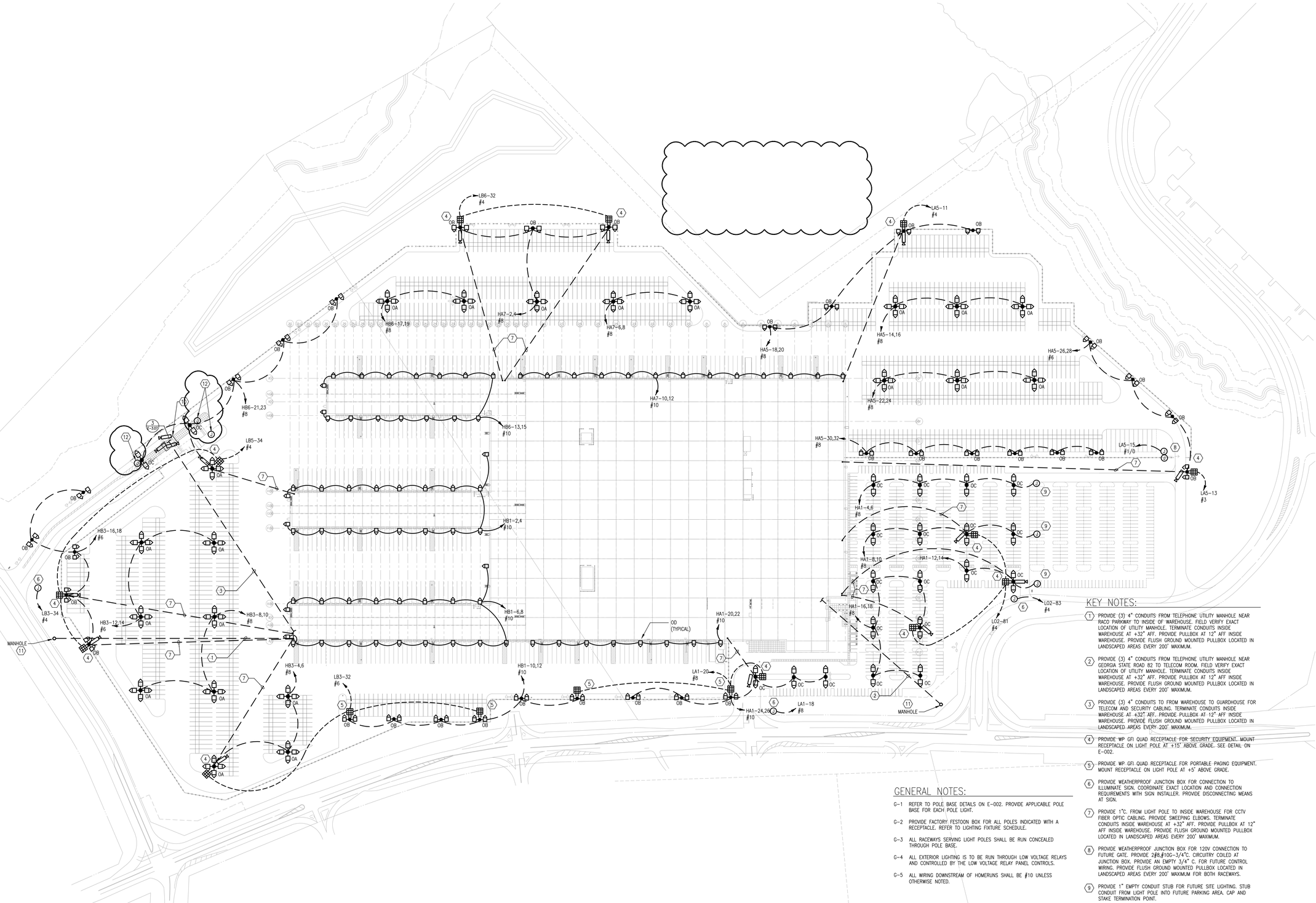
ELECTRICAL RISER DIAGRAM MSB

SHEET NUMBER

E-005

FOR CONSTRUCTION

6/14/2013 11:33:17 AM



KEY NOTES:

1. PROVIDE (3) 4" CONDUITS FROM TELEPHONE UTILITY MANHOLE NEAR RACO PARKWAY TO INSIDE OF WAREHOUSE. FIELD VERIFY EXACT LOCATION OF UTILITY MANHOLE. TERMINATE CONDUITS INSIDE WAREHOUSE AT +32" AFF. PROVIDE PULLBOX AT 12" AFF INSIDE WAREHOUSE. PROVIDE FLUSH GROUND MOUNTED PULLBOX LOCATED IN LANDSCAPED AREAS EVERY 200' MAXIMUM.
2. PROVIDE (3) 4" CONDUITS FROM TELEPHONE UTILITY MANHOLE NEAR GEORGIA STATE ROAD 82 TO TELECOM ROOM. FIELD VERIFY EXACT LOCATION OF UTILITY MANHOLE. TERMINATE CONDUITS INSIDE WAREHOUSE AT +32" AFF. PROVIDE PULLBOX AT 12" AFF INSIDE WAREHOUSE. PROVIDE FLUSH GROUND MOUNTED PULLBOX LOCATED IN LANDSCAPED AREAS EVERY 200' MAXIMUM.
3. PROVIDE (3) 4" CONDUITS TO FROM WAREHOUSE TO GUARDHOUSE FOR TELECOM AND SECURITY CABLING. TERMINATE CONDUITS INSIDE WAREHOUSE AT +32" AFF. PROVIDE PULLBOX AT 12" AFF INSIDE WAREHOUSE. PROVIDE FLUSH GROUND MOUNTED PULLBOX LOCATED IN LANDSCAPED AREAS EVERY 200' MAXIMUM.
4. PROVIDE WP GFI QUAD RECEPTACLE FOR SECURITY EQUIPMENT. MOUNT RECEPTACLE ON LIGHT POLE AT +15" ABOVE GRADE. SEE DETAIL ON E-002.
5. PROVIDE WP GFI QUAD RECEPTACLE FOR PORTABLE PAGING EQUIPMENT. MOUNT RECEPTACLE ON LIGHT POLE AT +5" ABOVE GRADE.
6. PROVIDE WEATHERPROOF JUNCTION BOX FOR CONNECTION TO ILLUMINATE SIGN. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH SIGN INSTALLER. PROVIDE DISCONNECTING MEANS AT SIGN.
7. PROVIDE 1"C. FROM LIGHT POLE TO INSIDE WAREHOUSE FOR CCTV FIBER OPTIC CABLING. PROVIDE SWEEPING ELBOWS. TERMINATE CONDUITS INSIDE WAREHOUSE AT +32" AFF. PROVIDE PULLBOX AT 12" AFF INSIDE WAREHOUSE. PROVIDE FLUSH GROUND MOUNTED PULLBOX LOCATED IN LANDSCAPED AREAS EVERY 200' MAXIMUM.
8. PROVIDE WEATHERPROOF JUNCTION BOX FOR 120V CONNECTION TO FUTURE GATE. PROVIDE 2#8,#10G-3/4"C. CIRCUITRY COILED AT JUNCTION BOX. PROVIDE AN EMPTY 3/4" C. FOR FUTURE CONTROL WIRING. PROVIDE FLUSH GROUND MOUNTED PULLBOX LOCATED IN LANDSCAPED AREAS EVERY 200' MAXIMUM FOR BOTH RACEWAYS.
9. PROVIDE 1" EMPTY CONDUIT STUB FOR FUTURE SITE LIGHTING. STUB CONDUIT FROM LIGHT POLE INTO FUTURE PARKING AREA. CAP AND STAKE TERMINATION POINT.
10. GUARDSHACK IS A PREFABRICATED UNIT. CONTRACTOR IS RESPONSIBLE FOR 120/240V-1PH AND GROUNDING CONNECTION TO LOAD CENTER PROVIDED WITH GUARDHOUSE. CONTRACTOR IS RESPONSIBLE FOR FINAL ELECTRICAL CONNECTIONS TO WATER HEATER (240V) AND HVAC EQUIPMENT (240V).
11. PROVIDE OLDCASTLE 4'X6'X3' PRECAST COMMUNICATION VAULT #464-TA.
12. PROVIDE WEATHERPROOF JUNCTION BOX FOR 120V CONNECTION TO GATE ARM (THREE). PROVIDE 2#10,#10G-3/4"C. TO A 20/1 CIRCUIT BREAKER IN GUARDHOUSE PANEL FOR EACH (PROVIDE CIRCUIT BREAKERS). PROVIDE 1"C FROM EACH GATE ARM HOUSING TO PUSH BUTTONS IN GUARDHOUSE FOR GATE OPERATION. PUSH BUTTONS AND WIRING BY GATE INSTALLER.

GENERAL NOTES:

G-1 REFER TO POLE BASE DETAILS ON E-002. PROVIDE APPLICABLE POLE BASE FOR EACH POLE LIGHT.

G-2 PROVIDE FACTORY FESTOON BOX FOR ALL POLES INDICATED WITH A RECEPTACLE. REFER TO LIGHTING FIXTURE SCHEDULE.

G-3 ALL RACEWAYS SERVING LIGHT POLES SHALL BE RUN CONCEALED THROUGH POLE BASE.

G-4 ALL EXTERIOR LIGHTING IS TO BE RUN THROUGH LOW VOLTAGE RELAYS AND CONTROLLED BY THE LOW VOLTAGE RELAY PANEL CONTROLS.

G-5 ALL WIRING DOWNSTREAM OF HOMERUNS SHALL BE #10 UNLESS OTHERWISE NOTED.

E-2/307	E-2/304	E-2/305
E-2/306	E-2/303	E-2/302

PROJECT NORTH
TRUE NORTH

1 SITE PLAN - ELECTRICAL

1"=100'-0"

6/4/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

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DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

SITE PLAN - ELECTRICAL

SHEET NUMBER

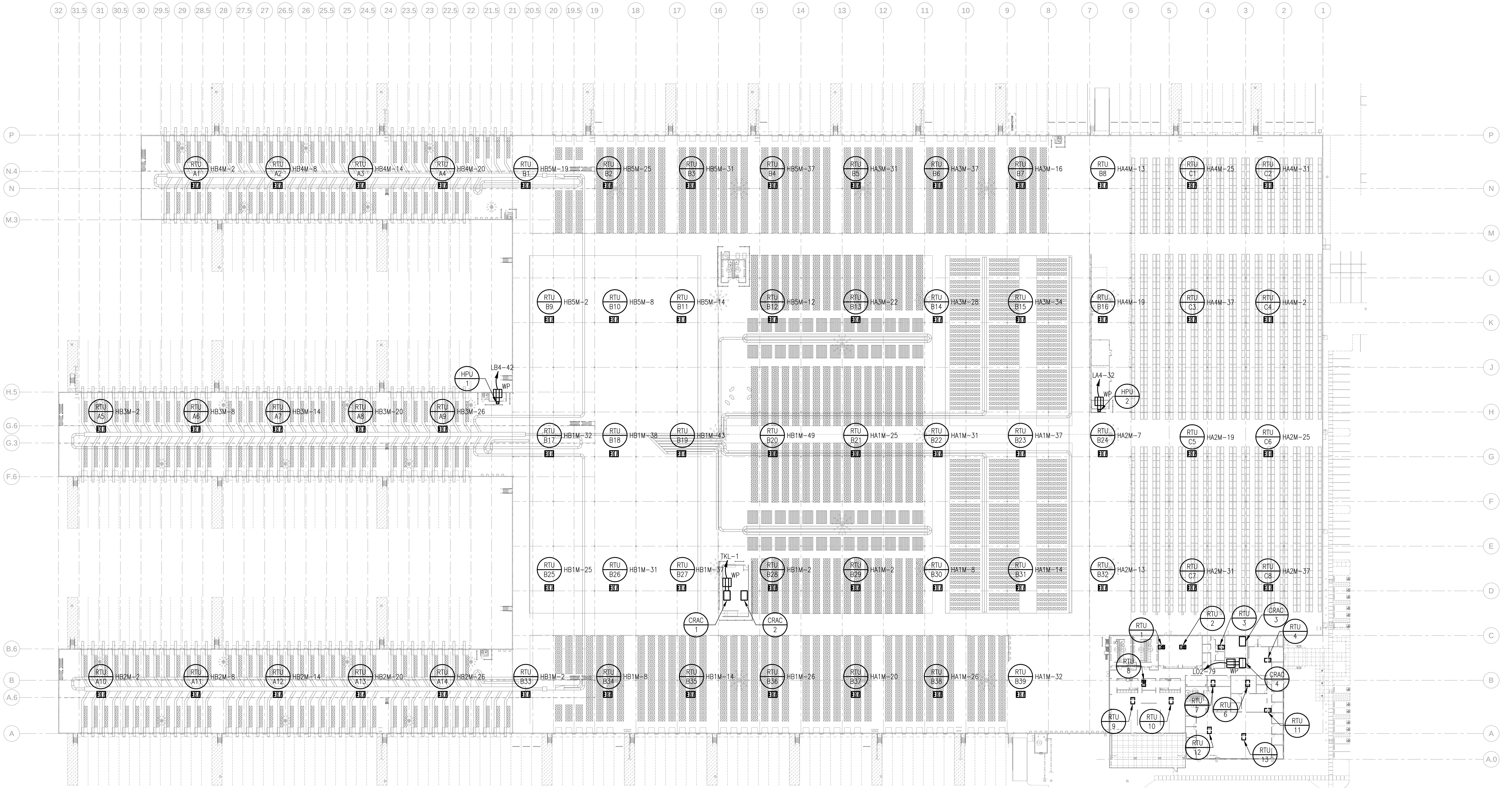
E-101

FOR CONSTRUCTION

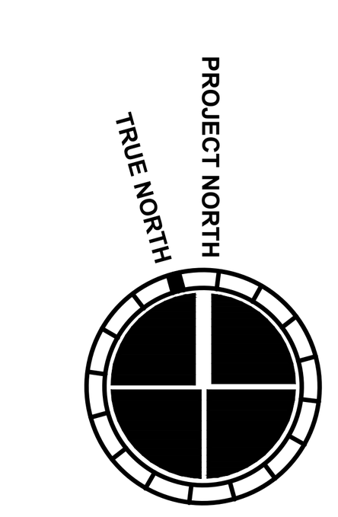
GENERAL NOTES:

G-1 PROVIDE DUCT DETECTORS FOR ALL RTU'S BETWEEN 2,000CFM AND 15,000CFM. PROVIDE (2) DUCT DETECTORS FOR RTU'S 15,000CFM AND GREATER.

G-2 REFER TO E-002 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.



E-2/307	E-2/304	E-2/305
E-2/306	E-2/303	E-2/302



1 OVERALL FLOOR PLAN - MECHANICAL POWER

1"=60'-0"

6/14/2013 11:33:17 AM

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JEFFERSON, GEORGIA 30549

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DATE	PROJECT NO
07/31/2013	2013-018

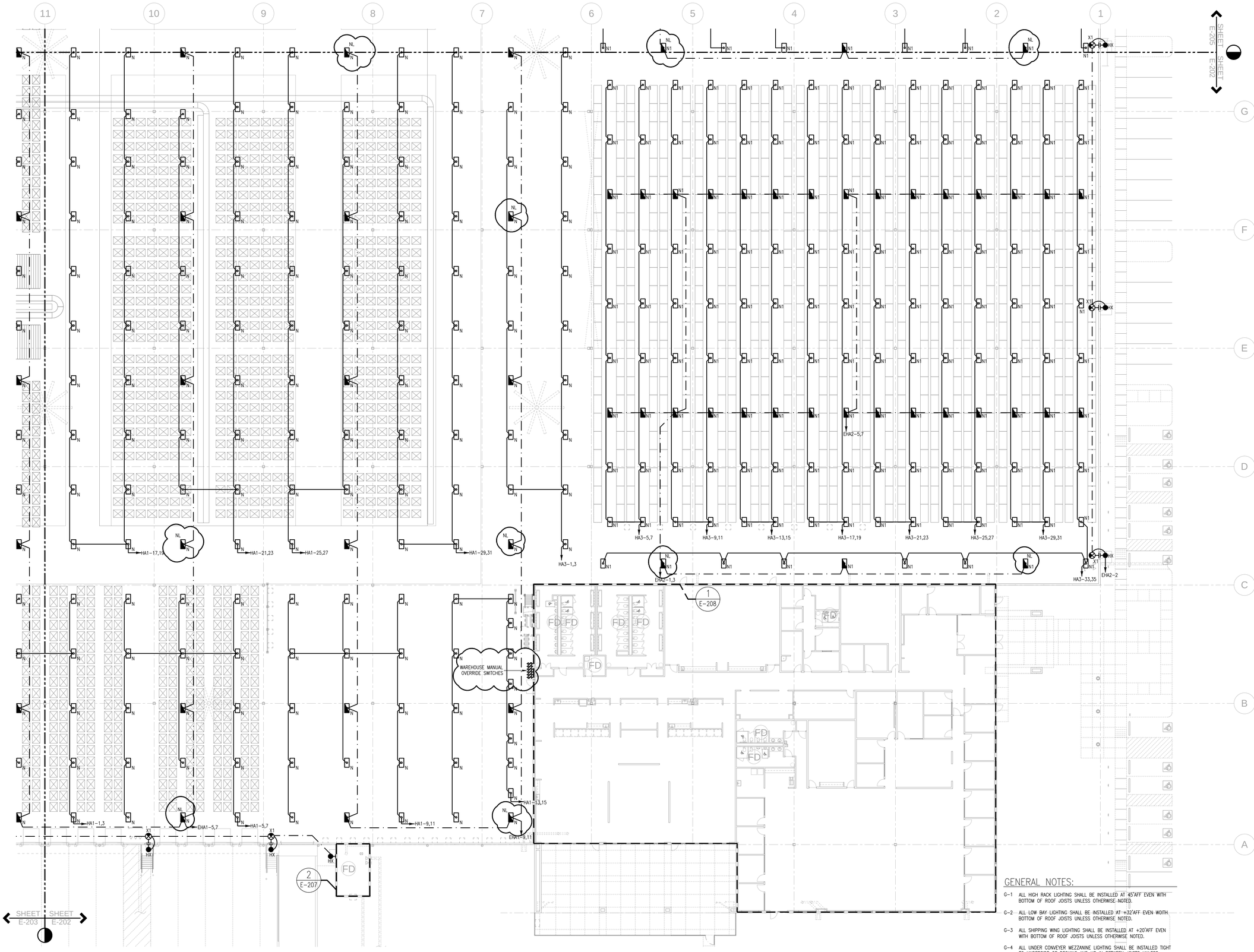
SHEET TITLE

OVERALL FLOOR PLAN - MECHANICAL POWER

SHEET NUMBER

E-201

FOR CONSTRUCTION



GENERAL NOTES:

G–1 ALL HIGH RACK LIGHTING SHALL BE INSTALLED AT 45'AFF EVEN WITH BOTTOM OF ROOF JOISTS UNLESS OTHERWISE NOTED.

G–2 ALL LOW BAY LIGHTING SHALL BE INSTALLED AT +32'AFF EVEN WOITH BOTTOM OF ROOF JOISTS UNLESS OTHERWISE NOTED.

G–3 ALL SHIPPING WING LIGHTING SHALL BE INSTALLED AT +20'AFF EVEN WITH BOTTOM OF ROOF JOISTS UNLESS OTHERWISE NOTED.

G–4 ALL UNDER CONVEYER MEZZANINE LIGHTING SHALL BE INSTALLED TIGHT TO UNDERSIDE OF DECKING AND UP IN BETWEEN JOISTS UNLESS OTHERWISE NOTED.

G–5 ALL WAREHOUSE LIGHTING IS TO BE CONTROLLED THOUGH LOW VOLTAGE RELAYS, REFER TO RELAY SCHEDULES.

G–6 ALL NIGHT LIGHTING "NL" AND EXIT SIGNS SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED CIRCUITRY TO THESE LIGHT FIXTURES.

E-207	E-204	E-205
E-206	E-203	E-202

PROJECT NORTH
TRUE NORTH

1	PARTIAL FLOOR PLAN - LIGHTING
	1/16" = 1'-0"

6/24/2013 11:31:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

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DATE	PROJECT NO
07/31/2013	2013-018

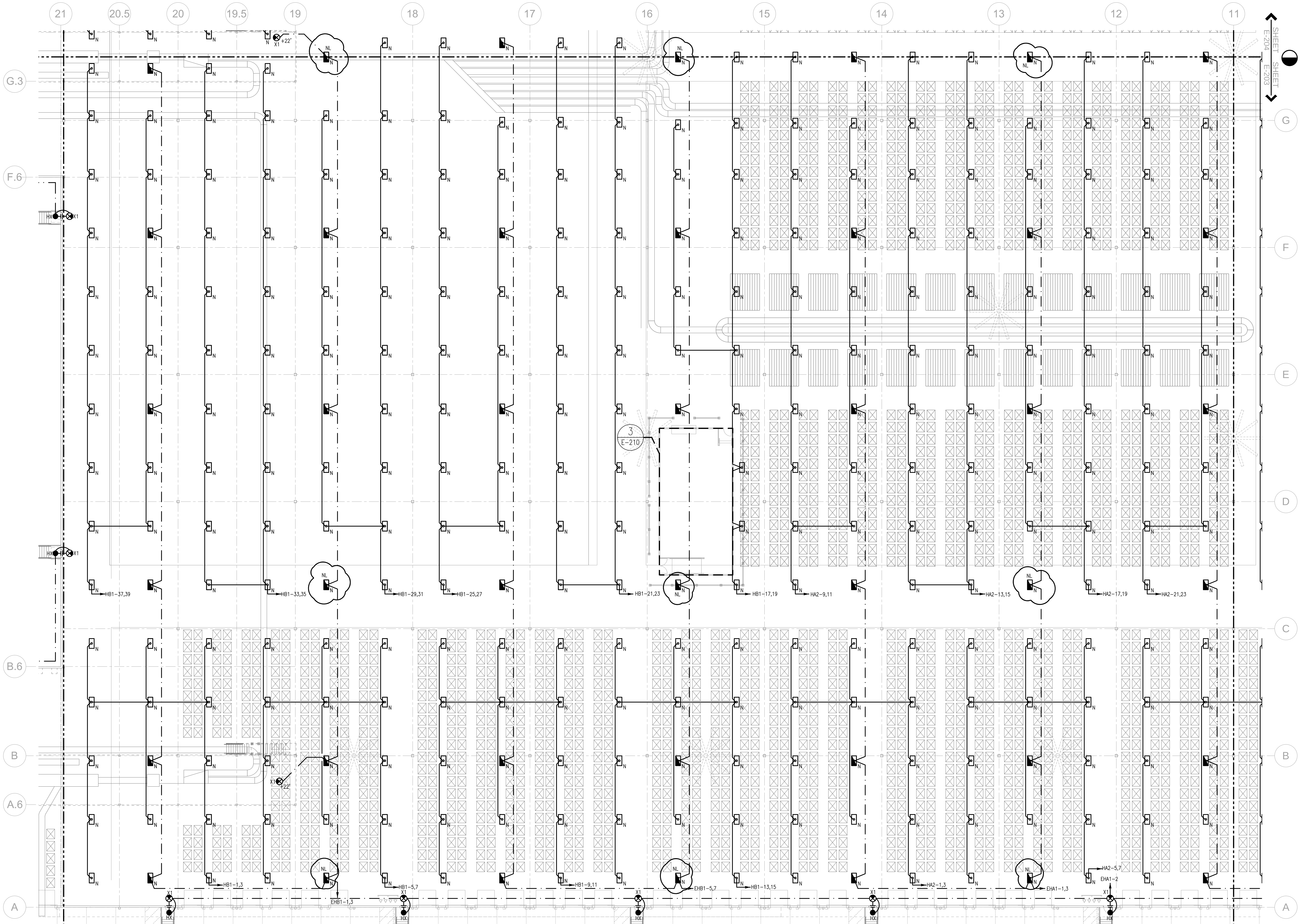
SHEET TITLE

PARTIAL FLOOR PLAN - LIGHTING

SHEET NUMBER

E-202

FOR CONSTRUCTION



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G-6 ALL NIGHT LIGHTING "NL" AND EXIT SIGNS SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED CIRCUITRY TO THESE LIGHT FIXTURES.

E-207	E-204	E-205
E-206	E-203	E-202

PROJECT NORTH
TRUE NORTH

1 **PARTIAL FLOOR PLAN - LIGHTING**

1/16" = 1'-0"

8/14/2013 11:33:17 AM

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2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

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GEORGIA REGISTERED PROFESSIONAL ENGINEER PE# 21385 TIMOTHY E. MILAM

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4275 SHACKLEFORD RD, SUITE 200
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V: (770) 447-5547 F: (770) 448-0262

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1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

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DATE	PROJECT NO
07/31/2013	2013-018

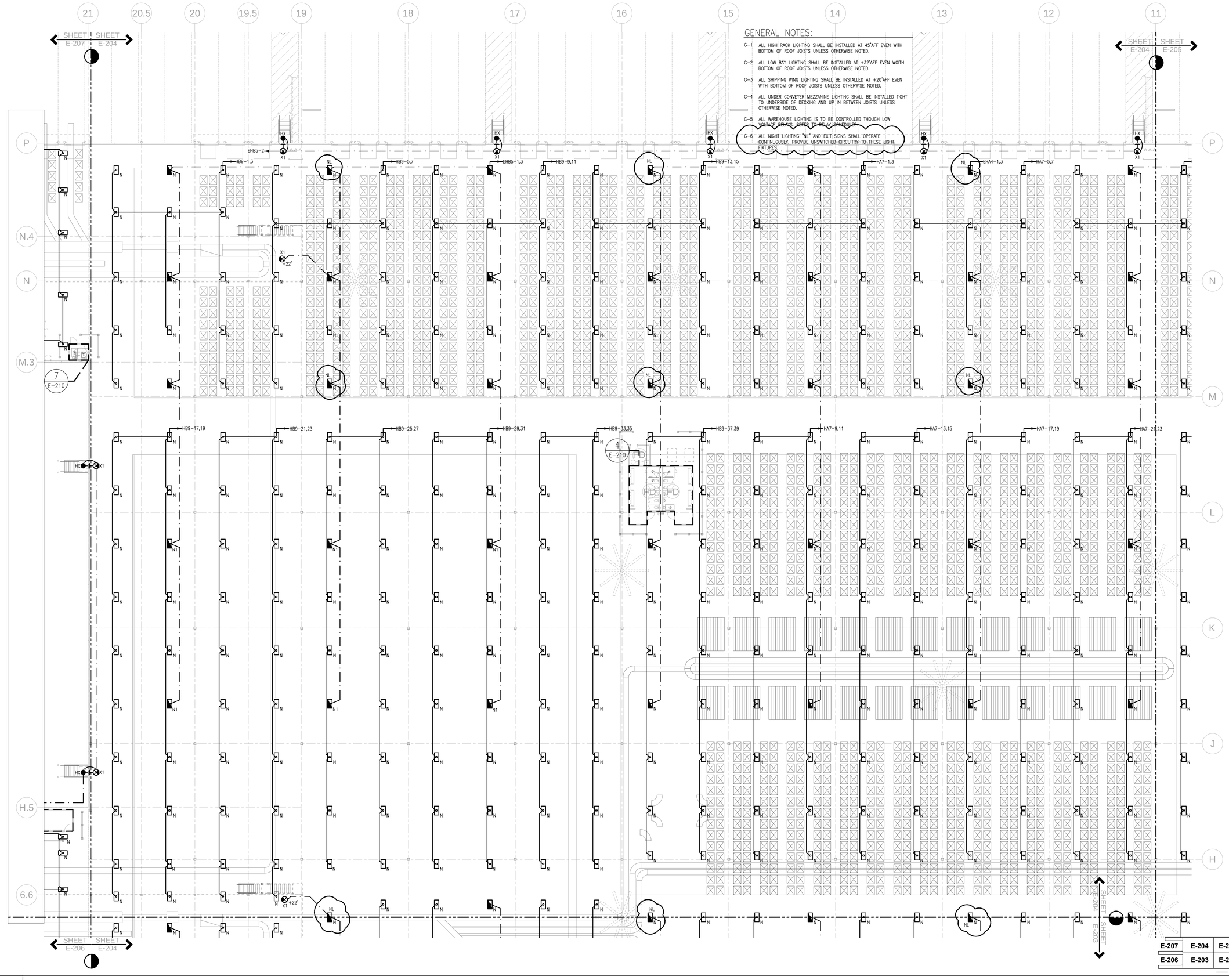
SHEET TITLE

PARTIAL FLOOR PLAN - LIGHTING

SHEET NUMBER

E-203

FOR CONSTRUCTION



1 PARTIAL FLOOR PLAN - LIGHTING

1/16" = 1'-0"

6/20/2013 11:31:47 AM

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Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MALAK

7/31/13

CONSULTANT

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4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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DATE	PROJECT NO
07/31/2013	2013-018

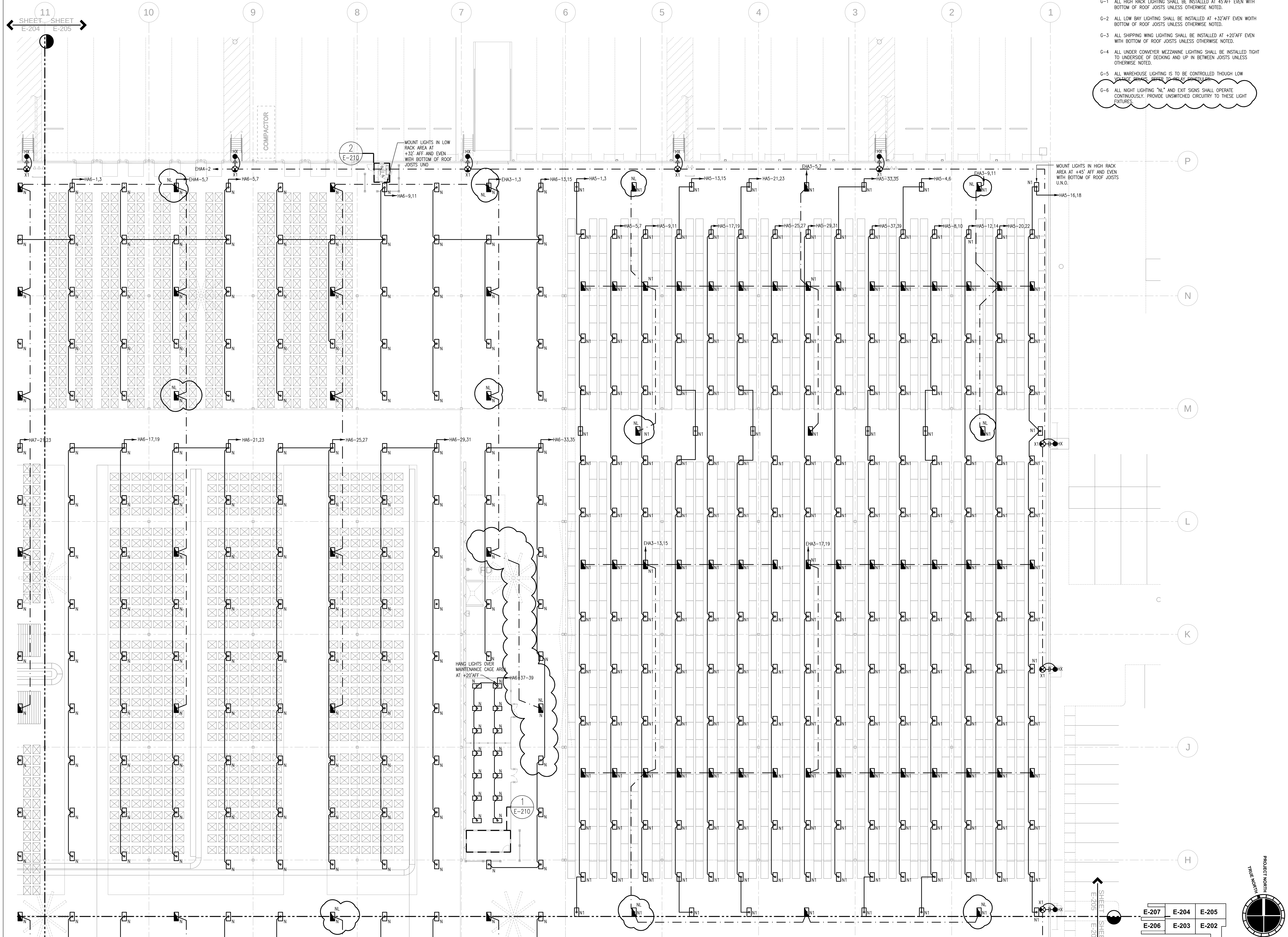
SHEET TITLE

PARTIAL FLOOR PLAN - LIGHTING

SHEET NUMBER

E-204

FOR CONSTRUCTION



GENERAL NOTES:

G-1 ALL HIGH RACK LIGHTING SHALL BE INSTALLED AT 45'AFF EVEN WITH BOTTOM OF ROOF JOISTS UNLESS OTHERWISE NOTED.

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G-5 ALL WAREHOUSE LIGHTING IS TO BE CONTROLLED THOUGH LOW VOLTAGE RELAYS. REFER TO RELAY SCHEDULES.

G-6 ALL NIGHT LIGHTING "NL" AND EXIT SIGNS SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED CIRCUITRY TO THESE LIGHT FIXTURES.

E-207	E-204	E-205
E-206	E-203	E-202

1 **PARTIAL FLOOR PLAN - LIGHTING**

1/16" = 1'-0"

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2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PROFESSIONAL ENGINEER PE# 21385 TIMOTHY E. MILAM 7-31-13

CONSULTANT

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NORCROSS, GA 30093-2997
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SHEET TITLE

PARTIAL FLOOR PLAN - LIGHTING

SHEET NUMBER

E-205

FOR CONSTRUCTION

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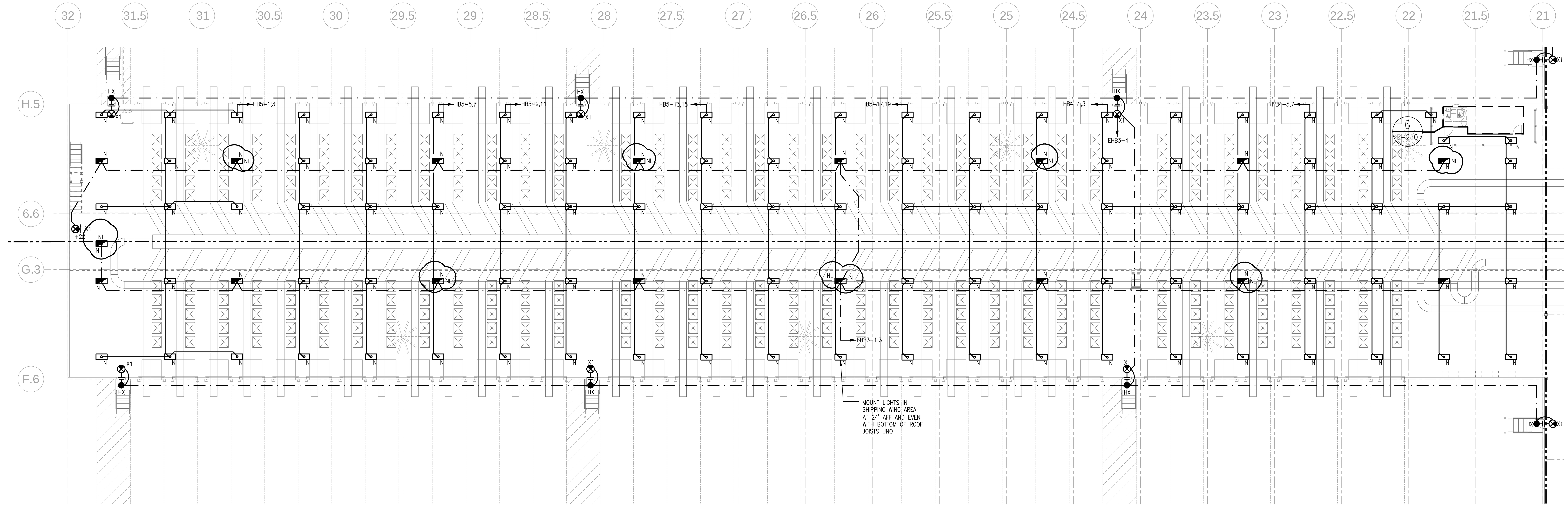

GENERAL NOTES:

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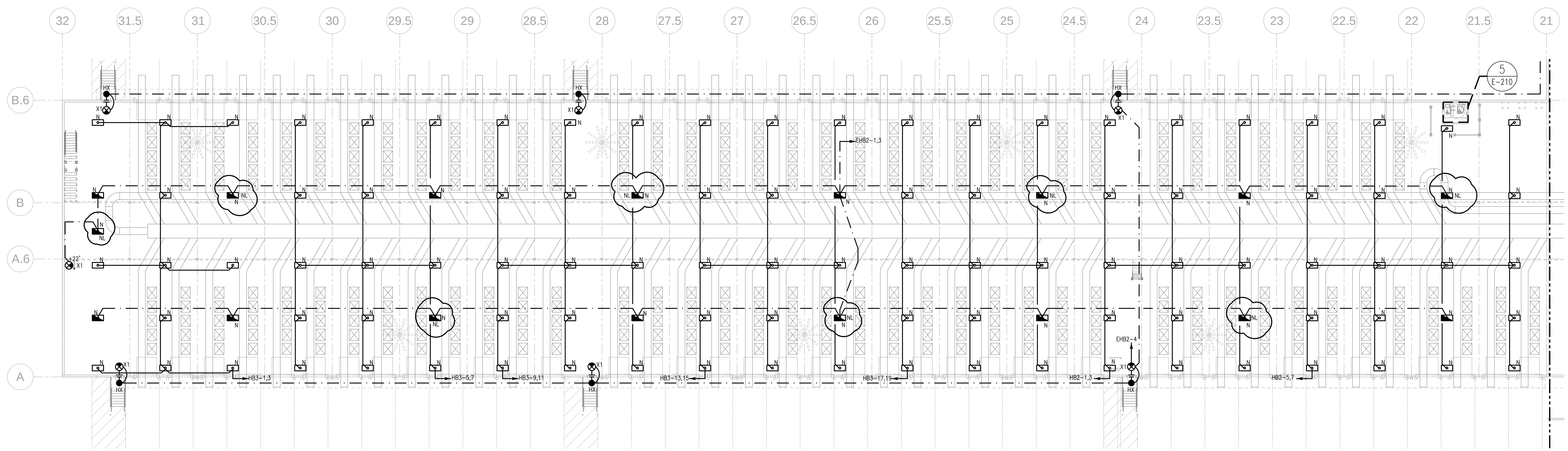

E-207	E-204	E-205
E-206	E-203	E-202

PROJECT NORTH
TRUE NORTH

1 PARTIAL FLOOR PLAN - LIGHTING

1/16" = 1'-0"

6/14/2013 11:33:17 AM

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Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

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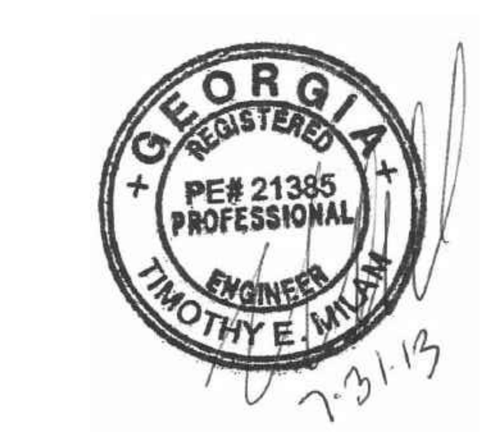

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NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
△1	08/09/2013	ADDENDUM NO. 1

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DATE	PROJECT NO
07/31/2013	2013-018

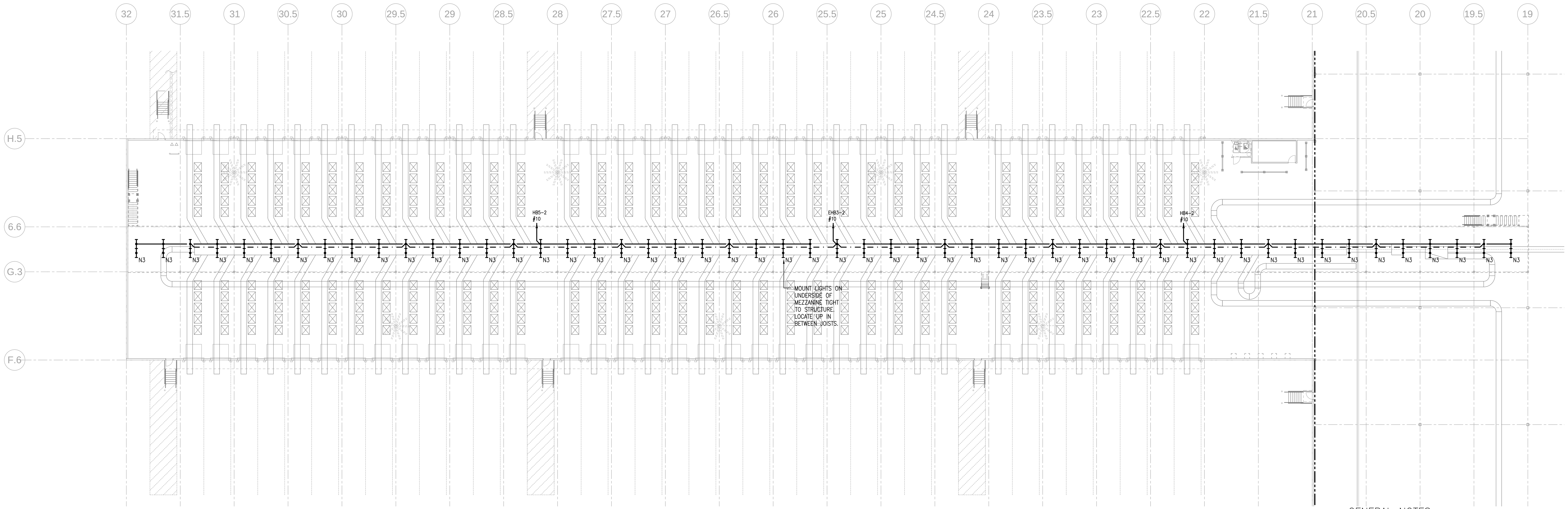
SHEET TITLE

PARTIAL FLOOR PLAN - LIGHTING

SHEET NUMBER

E-206

FOR CONSTRUCTION



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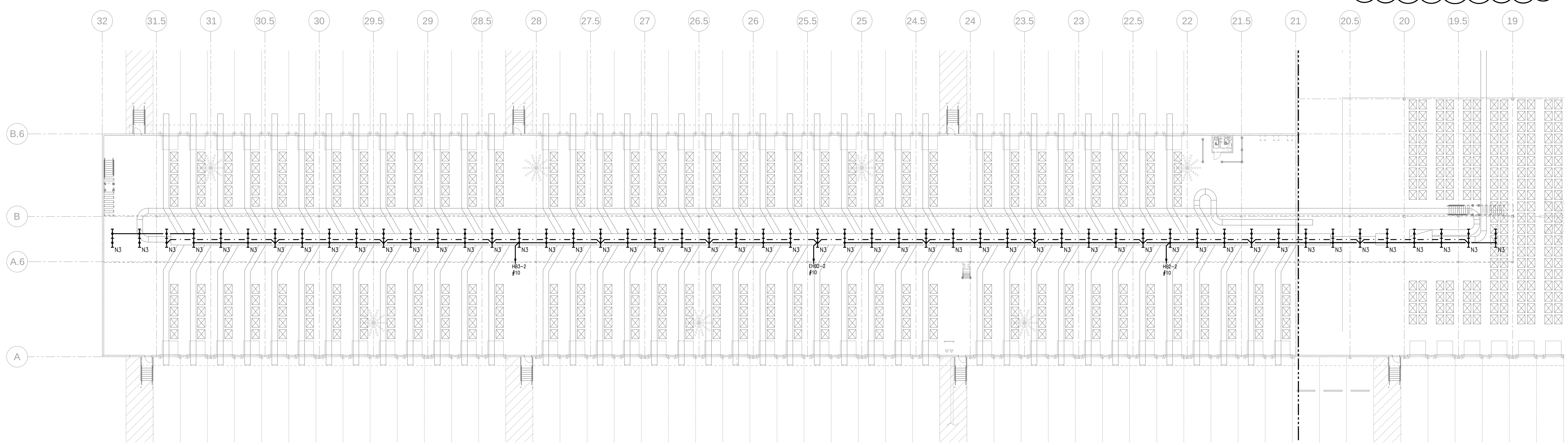
G-6 ALL NIGHT LIGHTING "NL" AND EXIT SIGNS SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED CIRCUITRY TO THESE LIGHT FIXTURES.



E-207	E-204	E-205
E-206	E-203	E-202

PROJECT NORTH
TRUE NORTH

1 PARTIAL MEZZANINE PLAN - LIGHTING

1/20" = 1'-0"

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

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CONSULTANT

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4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

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DATE	PROJECT NO
07/31/2013	2013-018

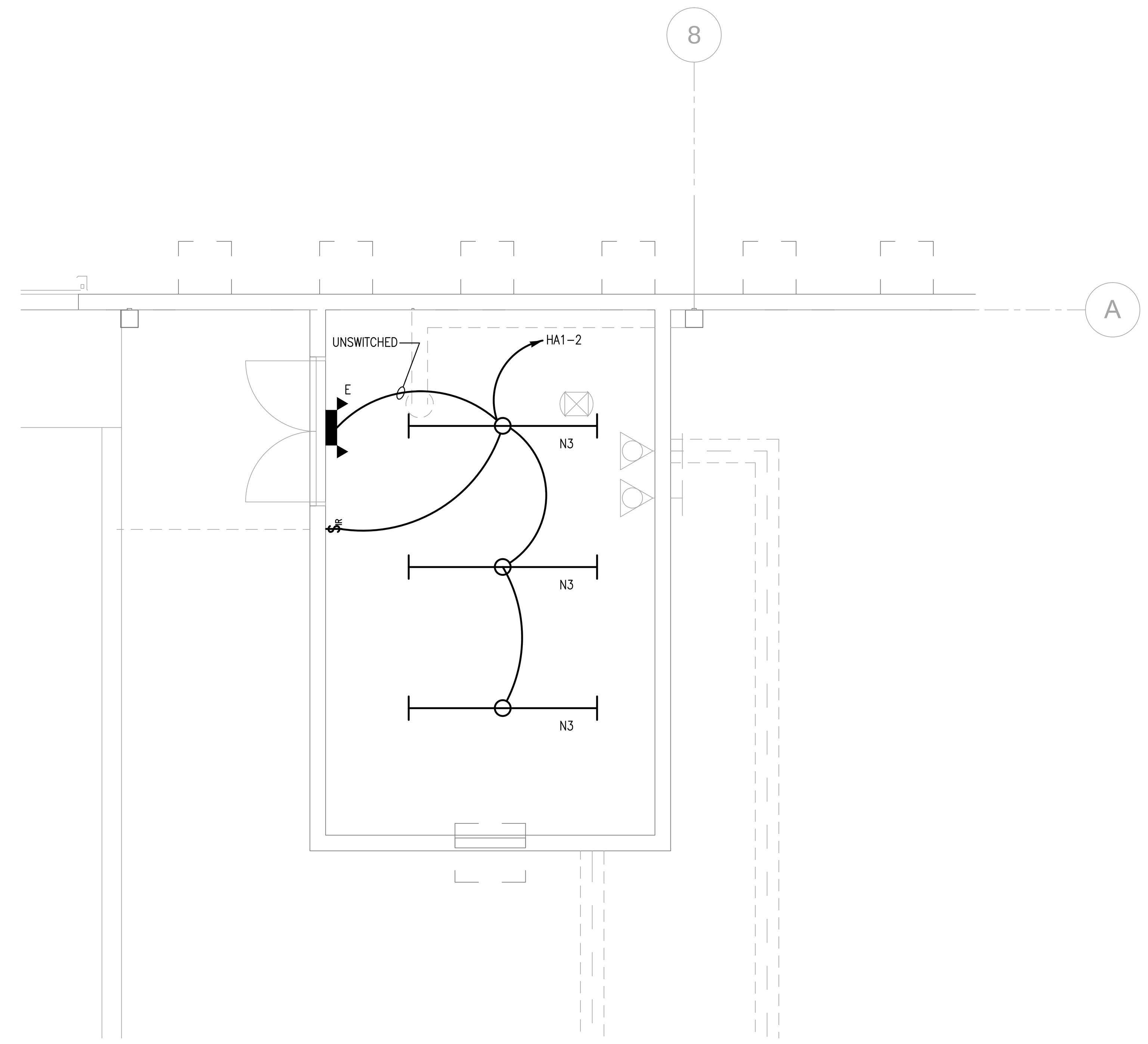
SHEET TITLE

PARTIAL MEZZANINE PLAN - LIGHTING

SHEET NUMBER

E-206A

FOR CONSTRUCTION



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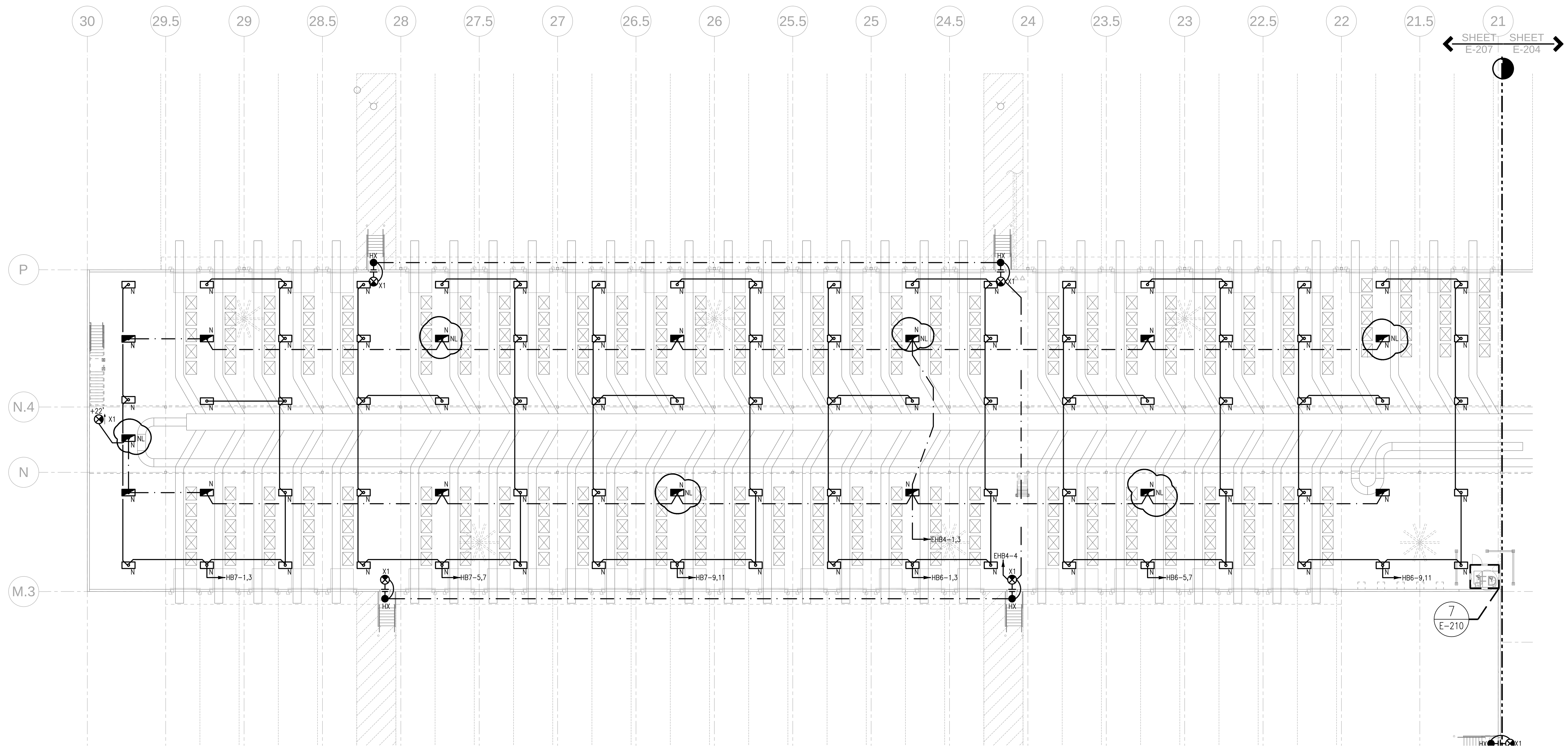
2 ENLARGED PUMP HOUSE - LIGHTING

1/4" = 1'-0"



E-207	E-204	E-205
E-206	E-203	E-202

1 PARTIAL FLOOR PLAN - LIGHTING

1/16" = 1'-0"

6/14/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
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T 770.432.9400 F 770.432.9934

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DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

PARTIAL FLOOR PLAN AND ENLARGED PUMP ROOM - LIGHTING

SHEET NUMBER

E-207

FOR CONSTRUCTION

GENERAL NOTES:

G-1 ALL HIGH RACK LIGHTING SHALL BE INSTALLED AT 45'AFF EVEN WITH BOTTOM OF ROOF JOISTS UNLESS OTHERWISE NOTED.

G-2 ALL LOW BAY LIGHTING SHALL BE INSTALLED AT +32'AFF EVEN WOITH BOTTOM OF ROOF JOISTS UNLESS OTHERWISE NOTED.

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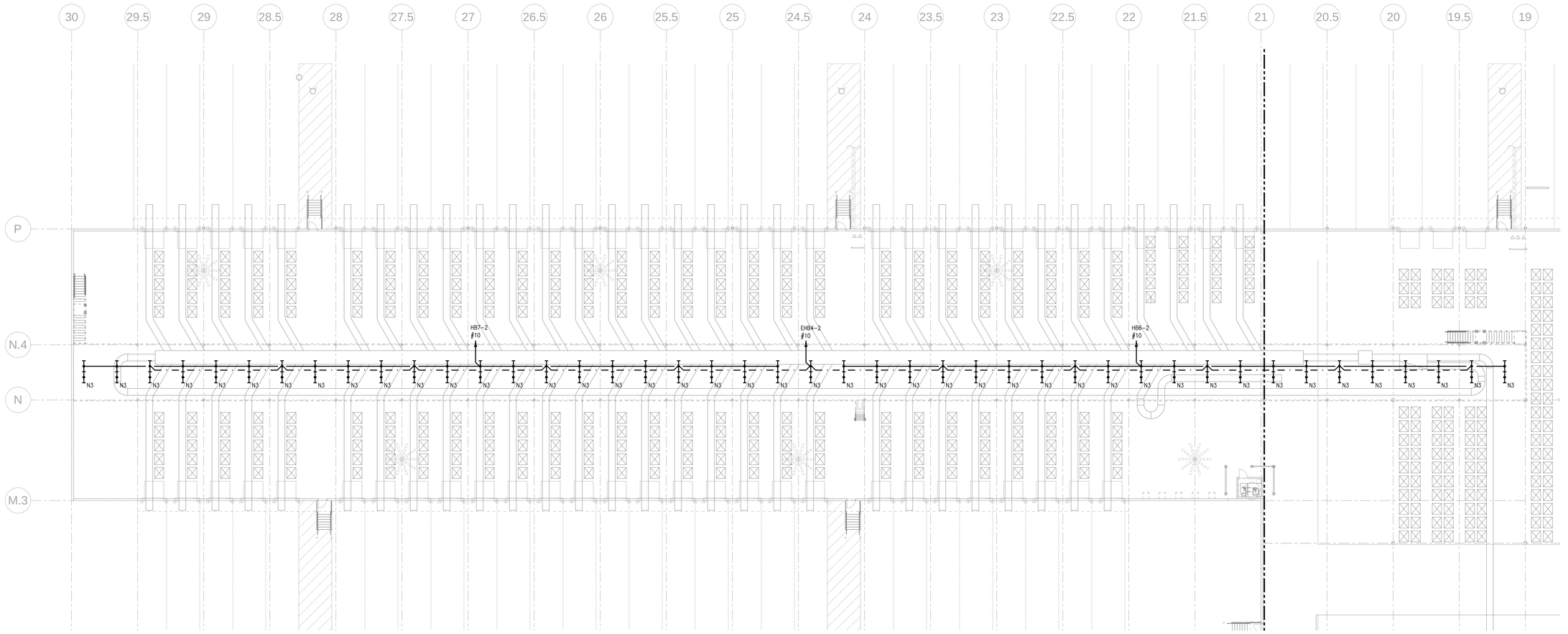

E-207	E-204 E-205
E-206	E-203 E-202

PROJECT NORTH
TRUE NORTH

1	PARTIAL MEZZANINE PLAN - LIGHTING
	1/16" = 1'-0"

9/24/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MCLEAN

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

PARTIAL MEZZANINE PLAN - LIGHTING

SHEET NUMBER

E-207A

FOR CONSTRUCTION

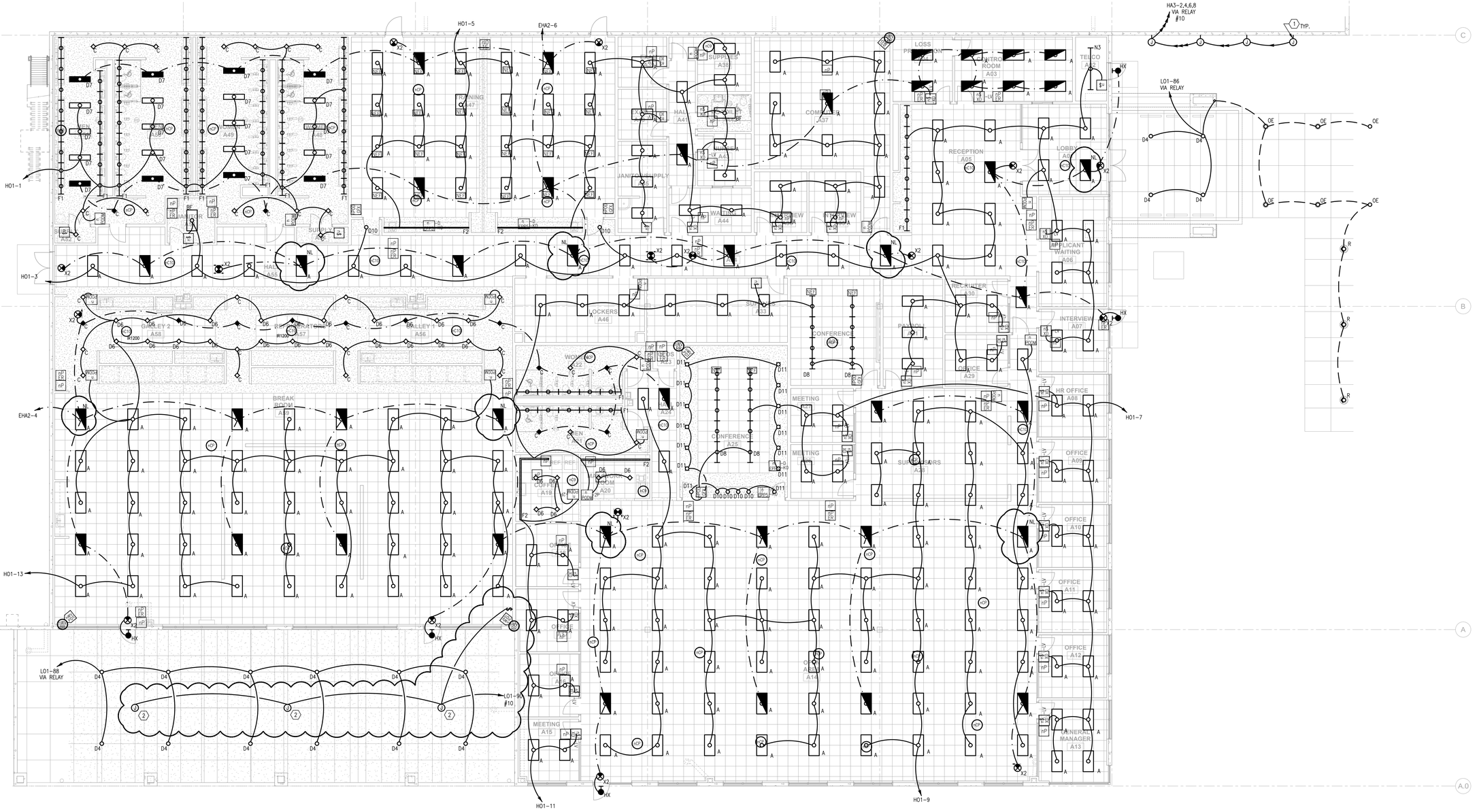
GENERAL NOTES:

G-1 UNLO ALL LIGHTING FIXTURES SHALL BE TYPE 'A'.

G-2 ALL NIGHT LIGHTING "NL" SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED CIRCUITRY TO THESE LIGHT FIXTURES.

KEY NOTES:

1. PROVIDE WEATHERPROOF JUNCTION BOX FOR CONNECTION TO SIGNAGE. PROVIDE FINAL CONNECTION TO SIGN. PROVIDE DISCONNECTING MEANS AT SIGN. COORDINATE REQUIREMENTS WITH SIGN INSTALLER.
2. PROVIDE JUNCTION BOX FOR CONNECTION TO CEILING FAN. BOX TO BE RATED FOR FAN.



1	**MAIN OFFICE FLOOR PLAN - LIGHTING**
	1/8" = 1'-0"

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MCLEAN

7/31/13

CONSULTANT

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DATE	PROJECT NO
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SHEET TITLE

MAIN OFFICE FLOOR PLAN - LIGHTING

SHEET NUMBER

E-2.08

FOR CONSTRUCTION

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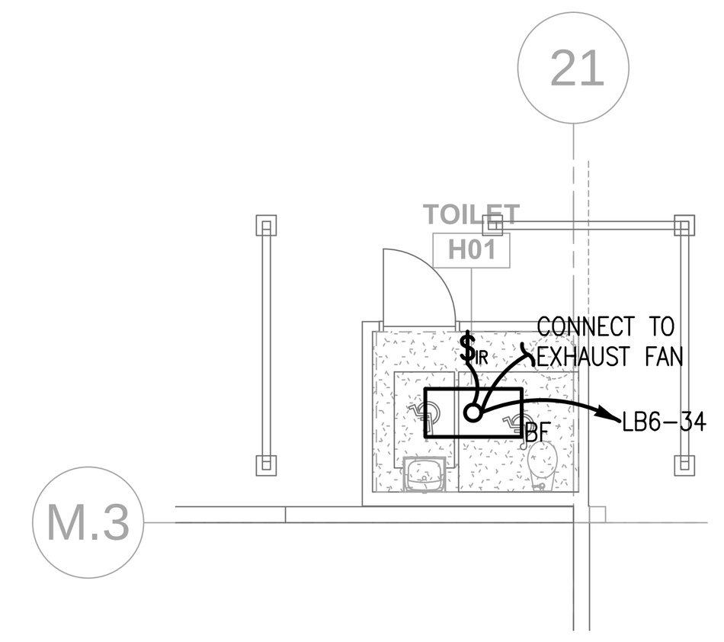
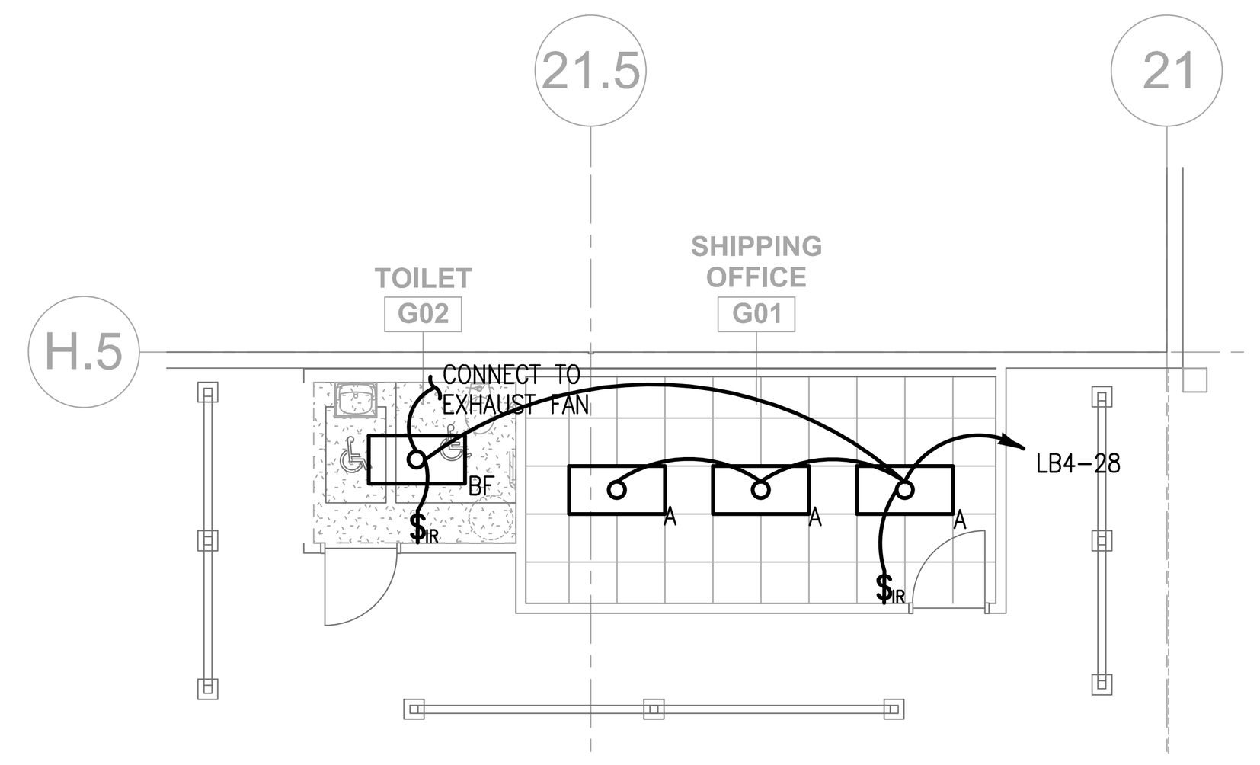


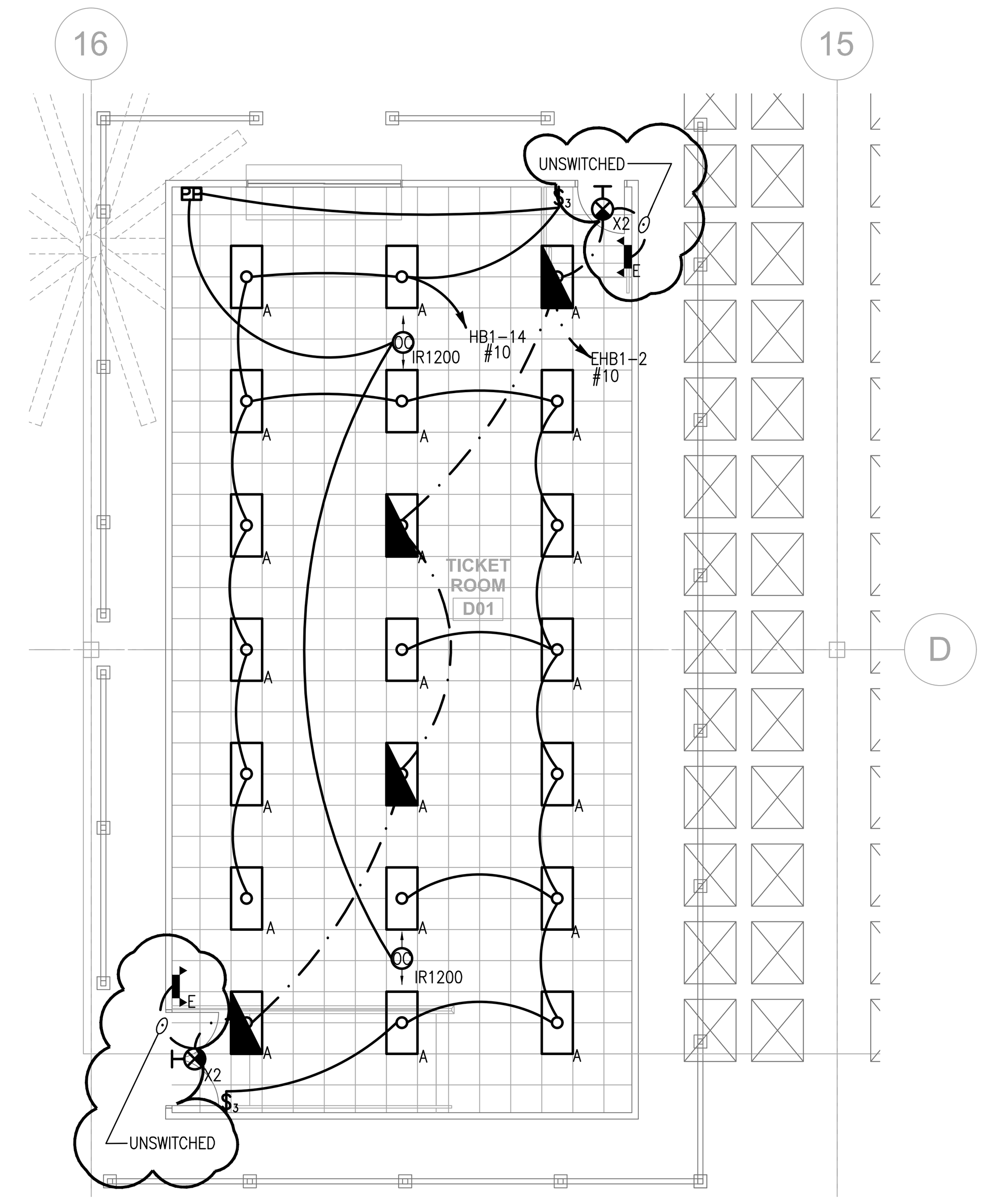
7 PARTIAL PLAN - TOILET H01 - LIGHTING

1/8" = 1'-0"



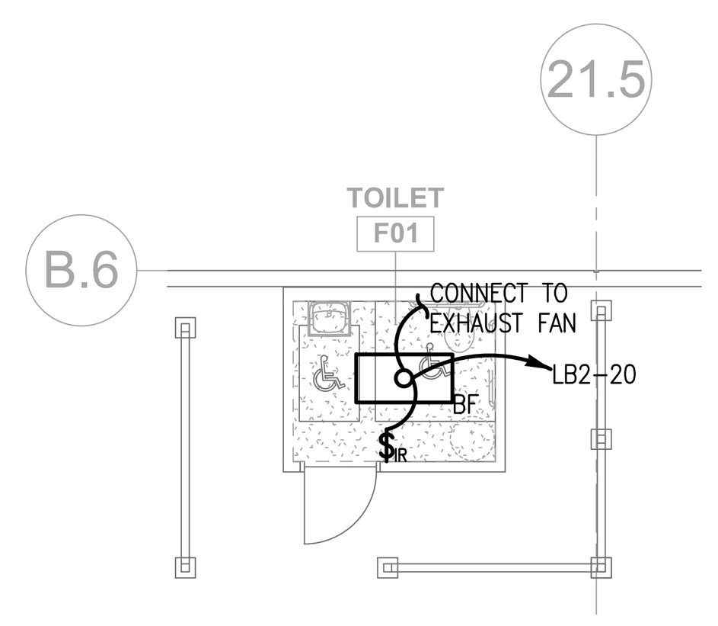
6 PARTIAL PLAN - SHIPPING OFFICE + TOILET - LIGHTING

1/8" = 1'-0"



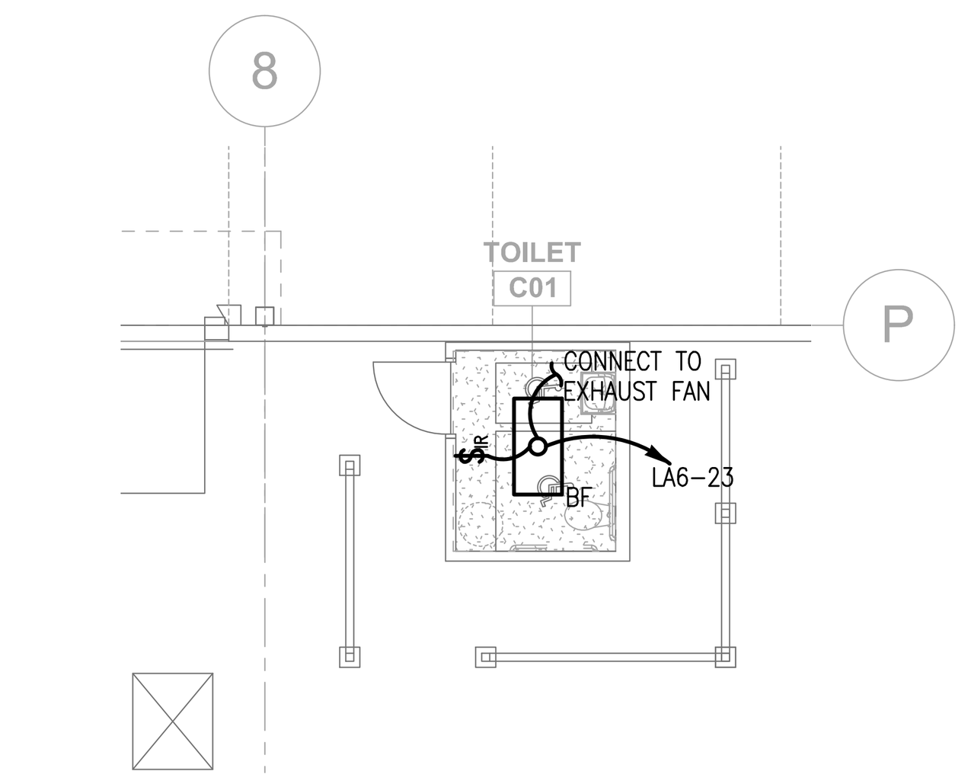
3 PARTIAL PLAN - TICKET ROOM - LIGHTING

1/8" = 1'-0"



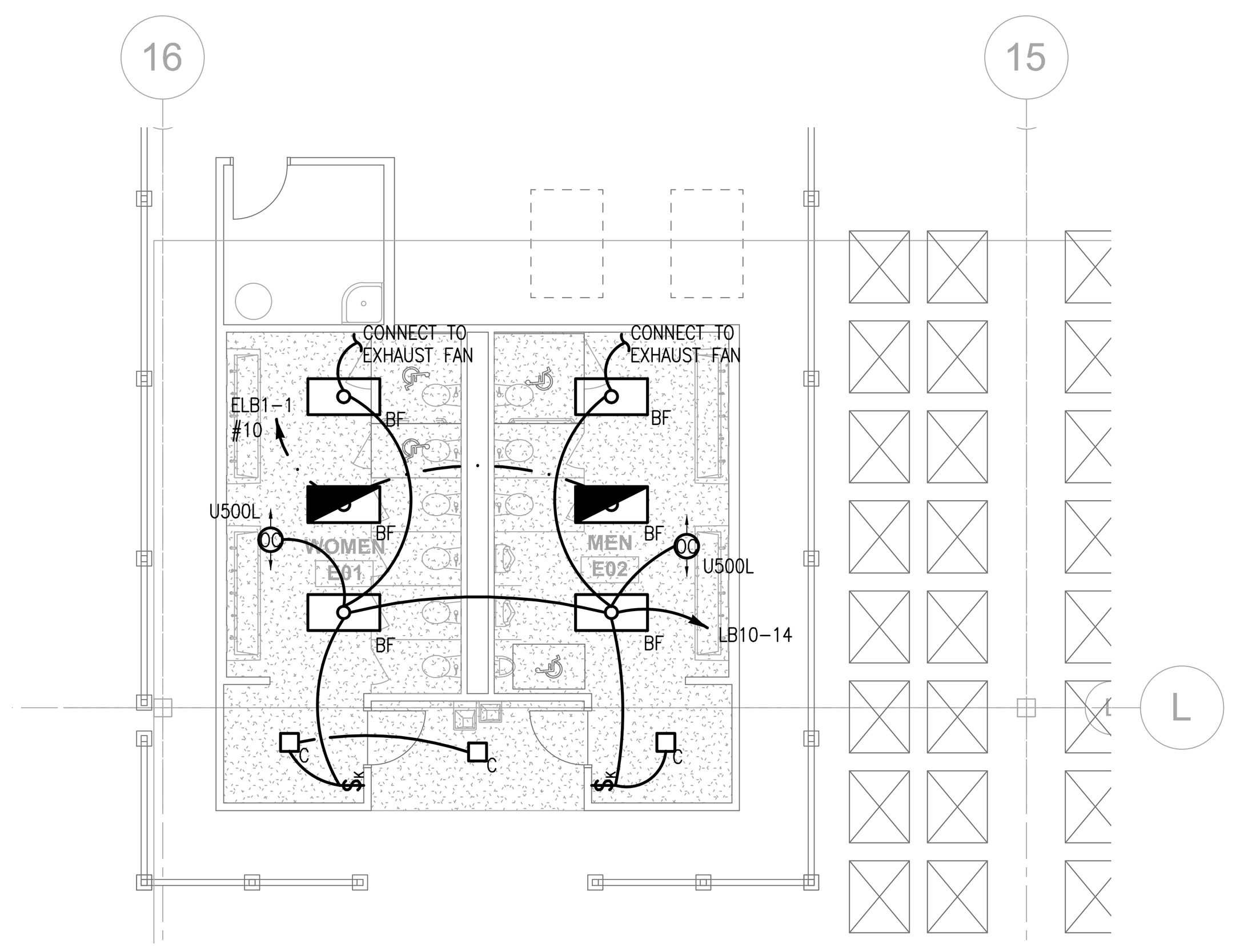
5 PARTIAL PLAN - TOILET F01 - LIGHTING

1/8" = 1'-0"



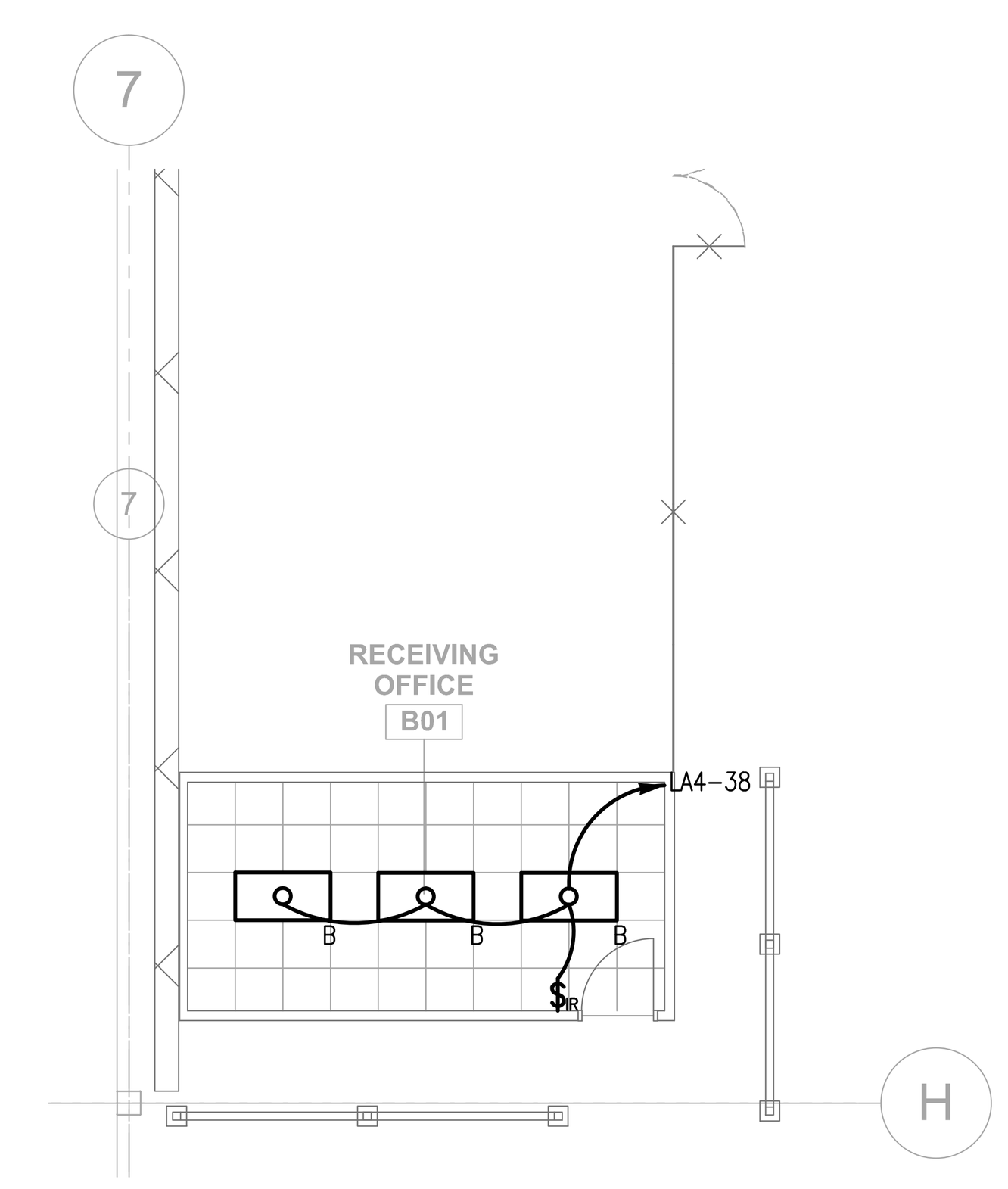
2 PARTIAL PLAN - TOILET C01 - LIGHTING

1/8" = 1'-0"



4 PARTIAL PLAN - RESTROOMS- LIGHTING

1/8" = 1'-0"



1 PARTIAL PLAN - RECEIVING OFFICE - LIGHTING

1/8" = 1'-0"

MACGREGOR
ASSOCIATES
ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PROFESSIONAL ENGINEER PE# 21385 TIMOTHY E. MEAM
7-31-13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
△1	08/09/2013	ADDENDUM NO. 1

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DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

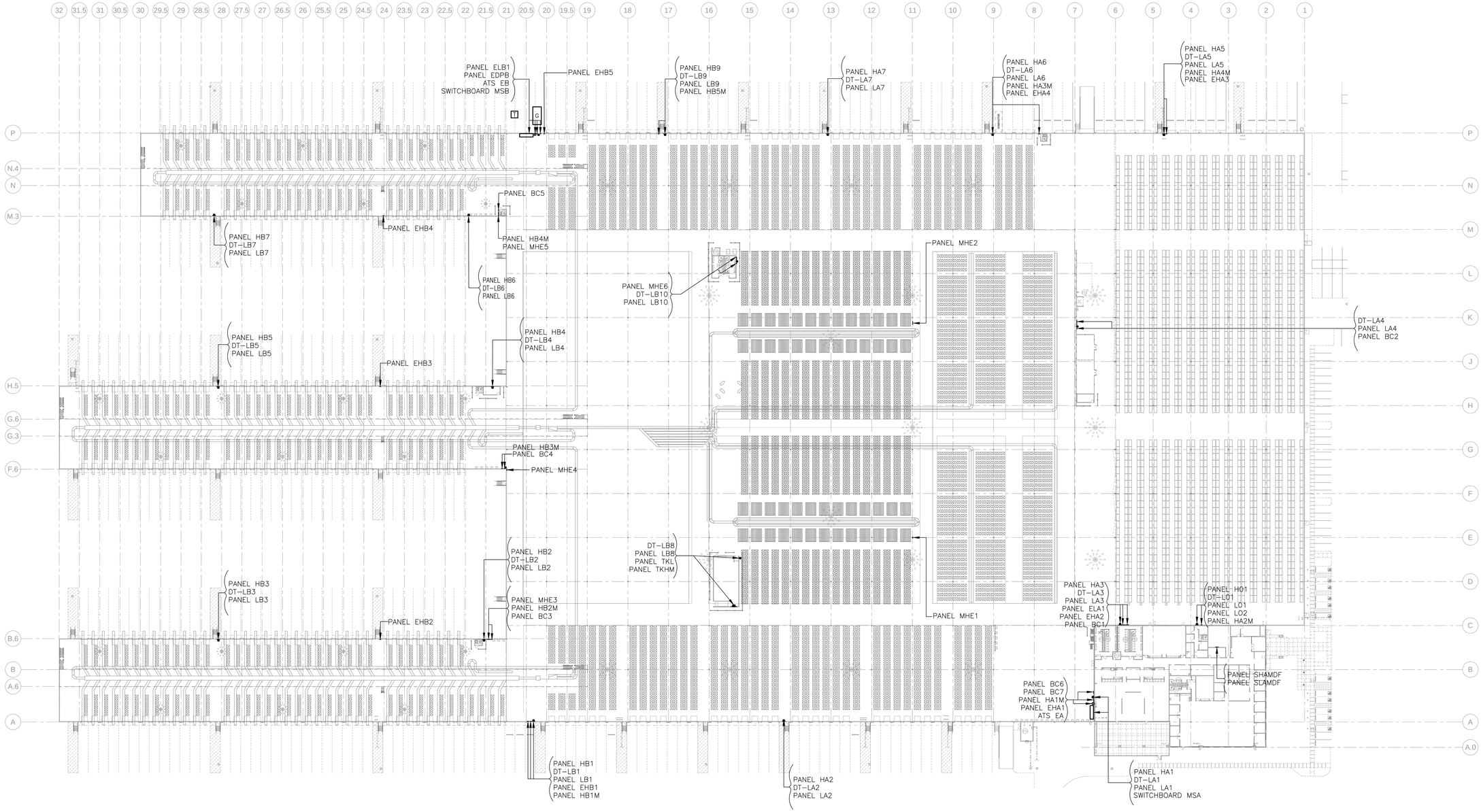
WAREHOUSE OFFICES AND RESTROOMS FLOOR PLANS AND RCPS -LTG

SHEET NUMBER

E-210

FOR CONSTRUCTION

6/14/2013 11:33:17 AM



E-2/307	E-2/304	E-2/305
E-2/306	E-2/303	E-2/302

PROJECT NORTH
TRUE NORTH

1	OVERALL FLOOR PLAN - POWER
1"=60'-0"	

6/14/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MALCOM

7/31/13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
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DATE	PROJECT NO
07/31/2013	2013-018

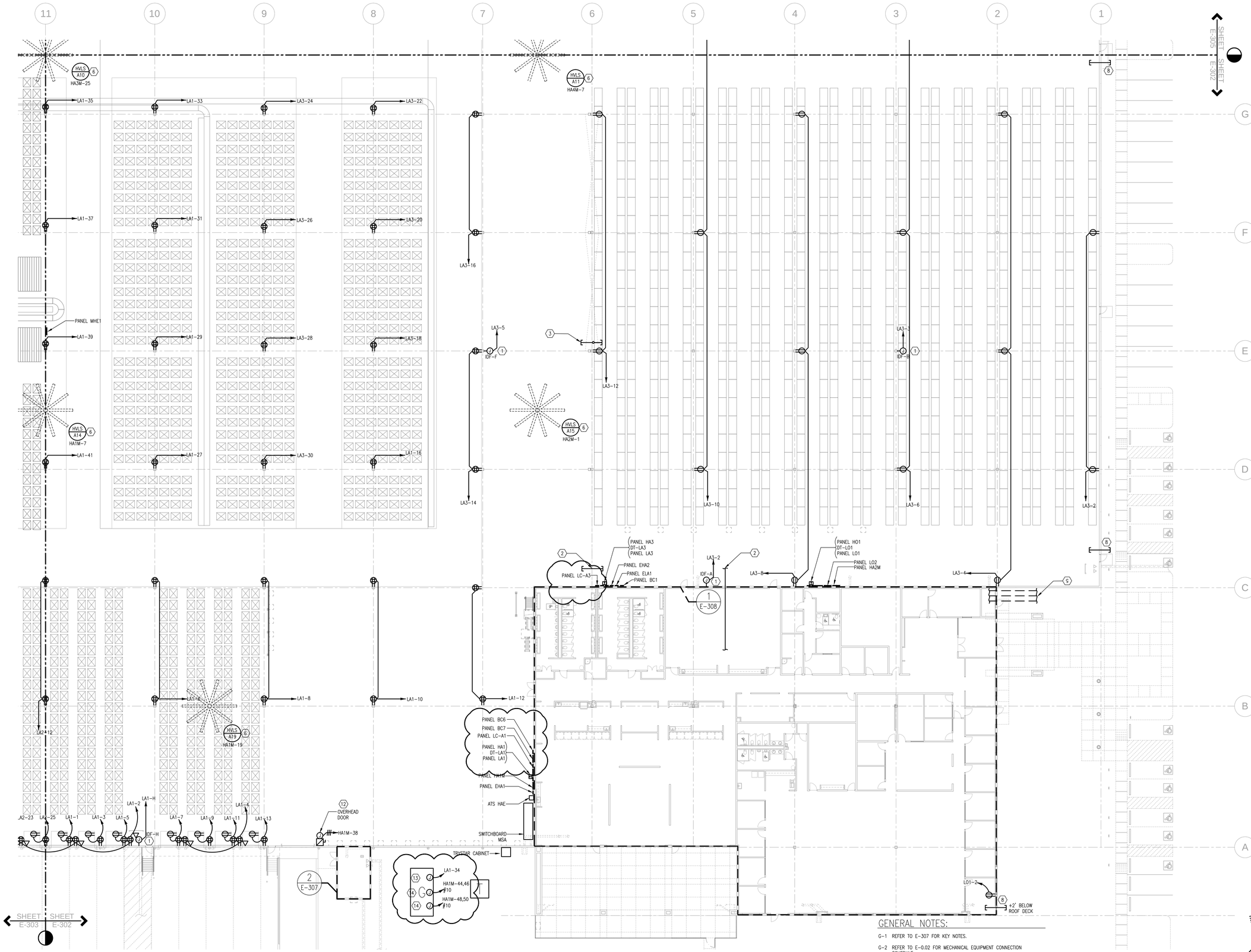
SHEET TITLE

OVERALL FLOOR PLAN - POWER

SHEET NUMBER

E-300

FOR CONSTRUCTION



GENERAL NOTES:

G-1 REFER TO E-307 FOR KEY NOTES.

G-2 REFER TO E-0.02 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

G-3 ALL RECEPTACLES MOUNTED ON COLUMNS IN WAREHOUSE SHALL BE MOUNTED AT +48" A.F.F. U.N.O.

G-4 ALL BRANCH CIRCUIT WIRING EXPOSED IN WAREHOUSE SHALL BE IN EMT RACEWAY IN A NEAT WORKMANSHIP MANNER.

E-307	E-304	E-305
E-306	E-303	E-302

PROJECT NORTH
TRUE NORTH

1	**PARTIAL FLOOR PLAN - POWER**
	1/16" = 1'-0"

6/24/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MALAK
7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2597
V: (770) 447-5547 F: (770) 448-0262

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NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
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DATE	PROJECT NO
07/31/2013	2013-018

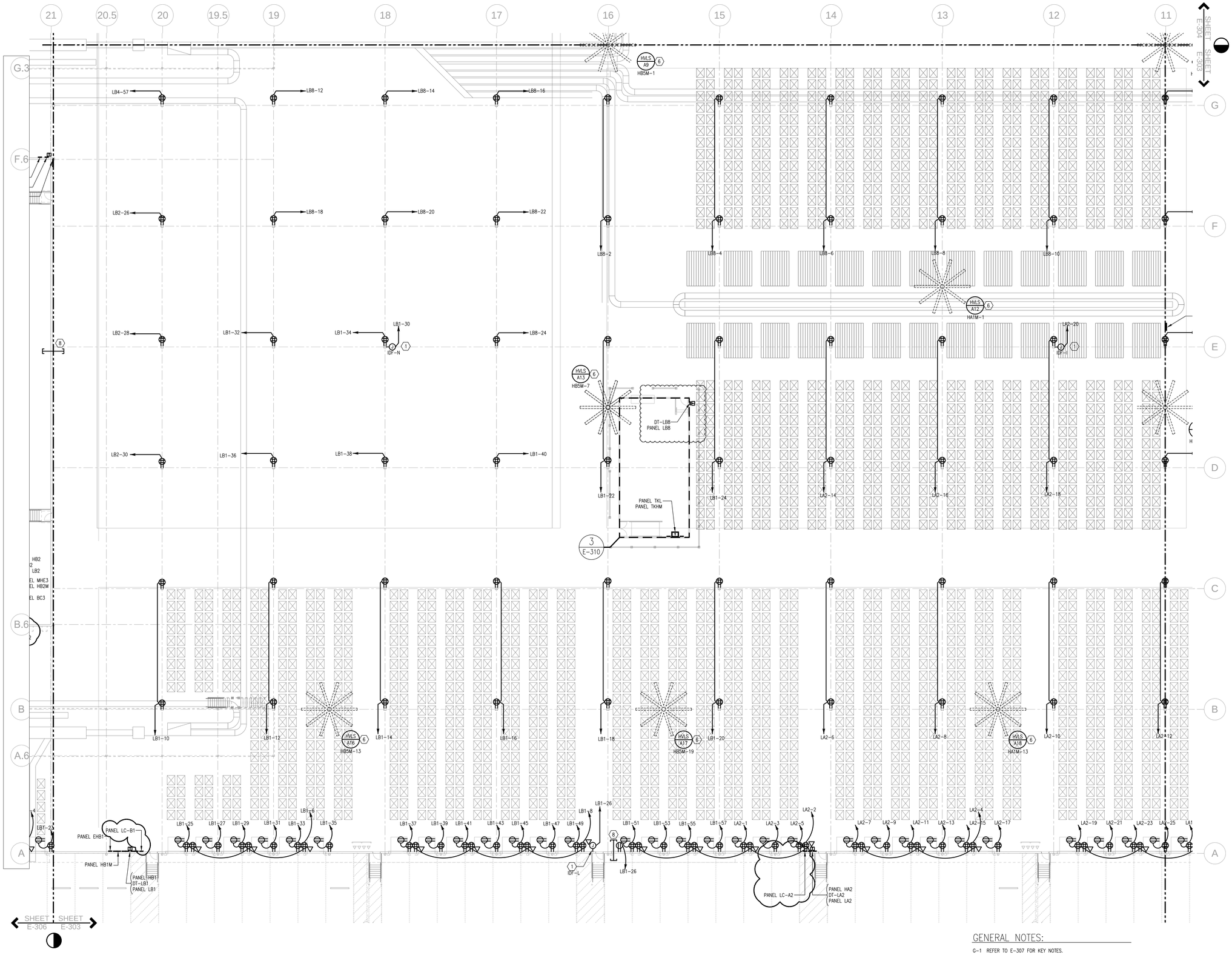
SHEET TITLE

PARTIAL FLOOR PLAN - POWER

SHEET NUMBER

E-302

FOR CONSTRUCTION



GENERAL NOTES:

G-1 REFER TO E-307 FOR KEY NOTES.

G-2 REFER TO E-0.02 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

G-3 ALL RECEPTACLES MOUNTED ON COLUMNS IN WAREHOUSE SHALL BE MOUNTED AT +48" A.F.F. U.N.O.

G-4 ALL BRANCH CIRCUIT WIRING EXPOSED IN WAREHOUSE SHALL BE IN EMT RACEWAY IN A NEAT WORKMANSHIP MANNER.

E-307	E-304	E-305
E-306	E-303	E-302

PROJECT NORTH
TRUE NORTH

1 PARTIAL FLOOR PLAN - POWER

1/16" = 1'-0"

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2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MACGREGOR

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
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DATE	PROJECT NO
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SHEET TITLE

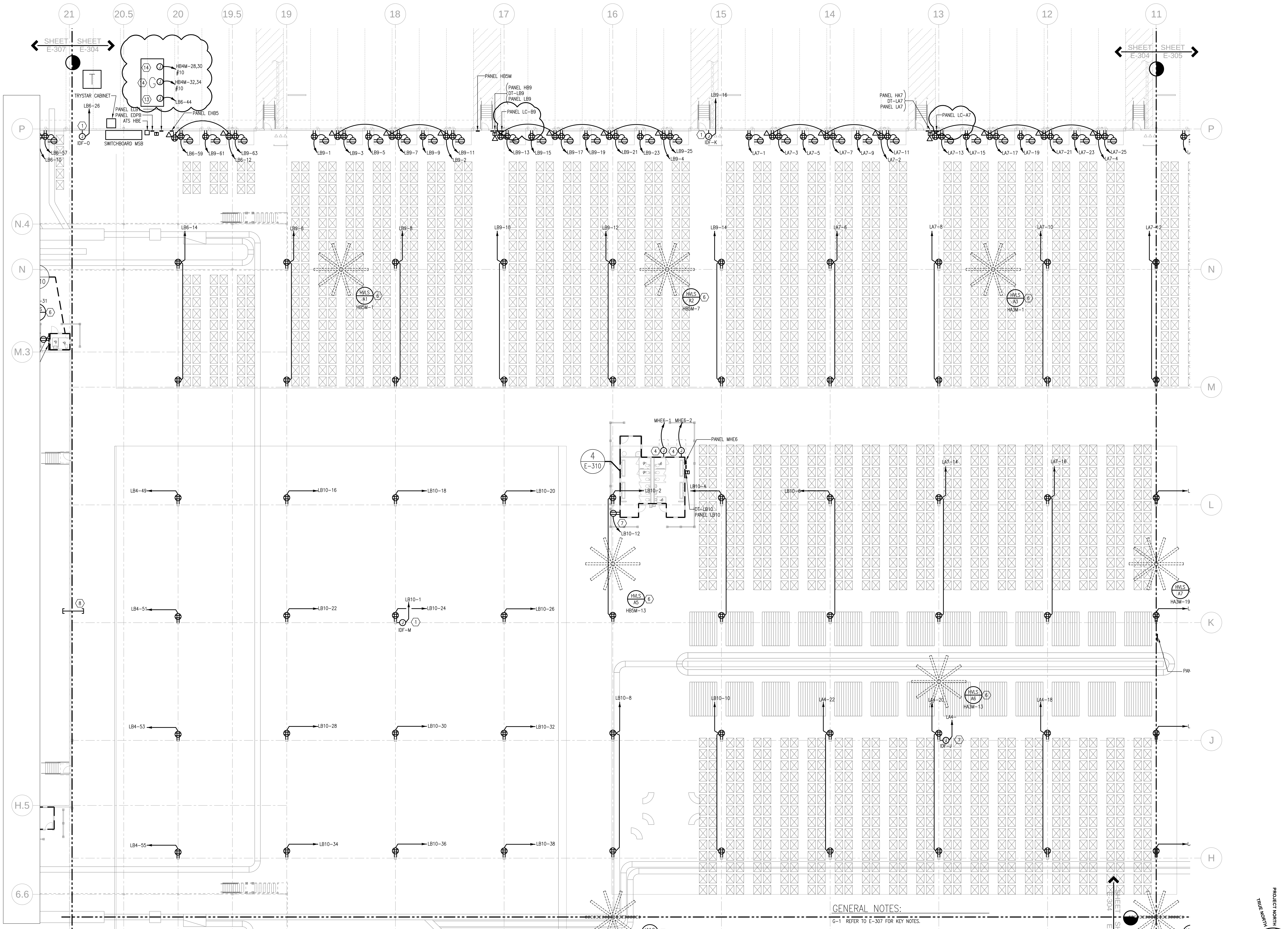
PARTIAL FLOOR PLAN - POWER

SHEET NUMBER

E-303

FOR CONSTRUCTION

6/4/2013 11:33:17 AM



GENERAL NOTES:

G-1 REFER TO E-307 FOR KEY NOTES.

G-2 REFER TO E-0.02 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

G-3 ALL RECEPTACLES MOUNTED ON COLUMNS IN WAREHOUSE SHALL BE MOUNTED AT +48" A.F.F. U.N.O.

G-4 ALL BRANCH CIRCUIT WIRING EXPOSED IN WAREHOUSE SHALL BE IN EMT RACEWAY IN A NEAT WORKMANSHIP MANNER.

E-307	E-304	E-305
E-306	E-303	E-302

PROJECT NORTH
TRUE NORTH

1 PARTIAL FLOOR PLAN - POWER

1/16" = 1'-0"

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2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

CONSULTANT

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4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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DATE	PROJECT NO
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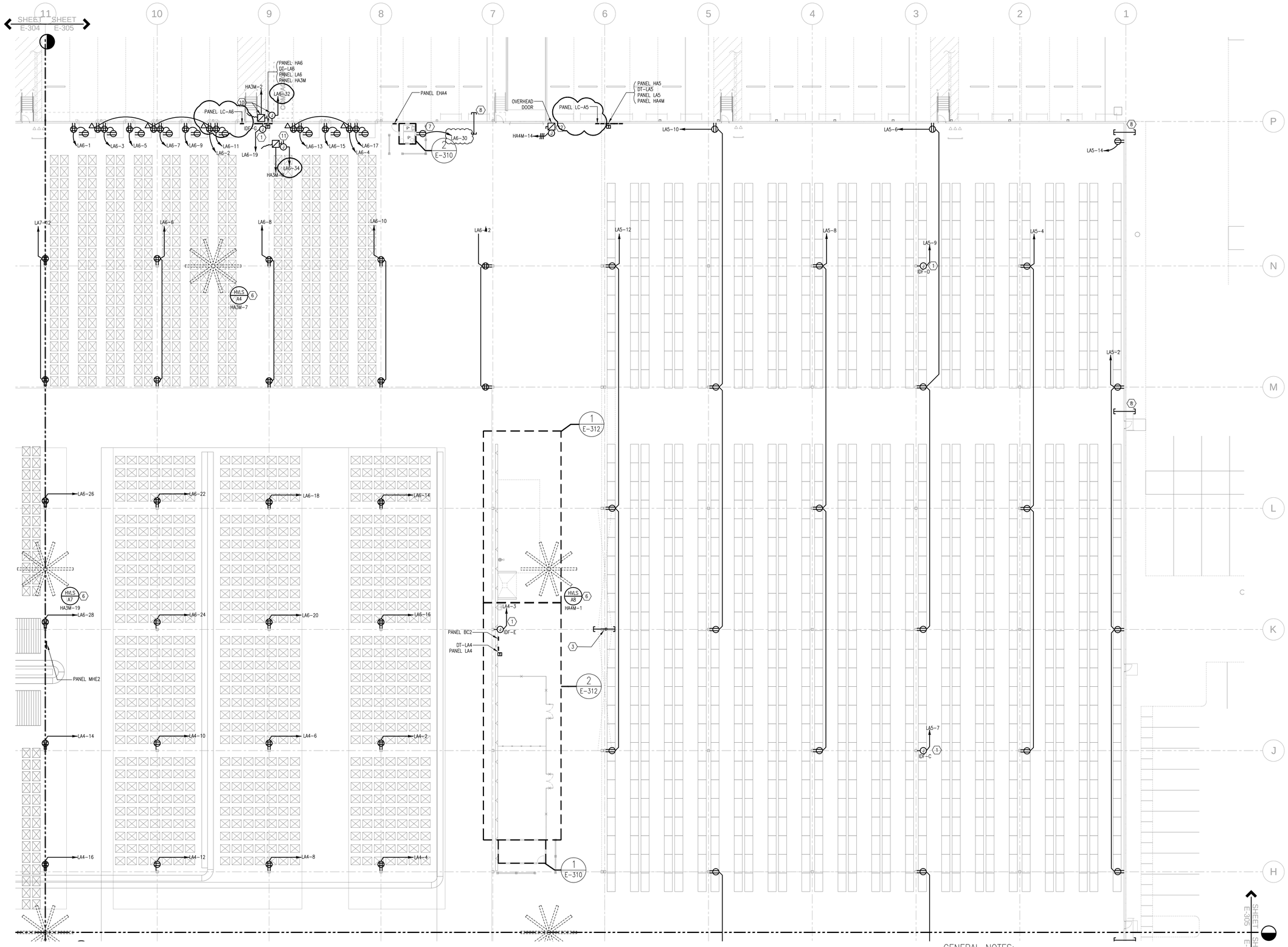
SHEET TITLE

PARTIAL FLOOR PLAN - POWER

SHEET NUMBER

E-304

FOR CONSTRUCTION



GENERAL NOTES:

G-1 REFER TO E-307 FOR KEY NOTES.

G-2 REFER TO E-0.02 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

G-3 ALL RECEPTACLES MOUNTED ON COLUMNS IN WAREHOUSE SHALL BE MOUNTED AT +48" A.F.F. U.N.O.

G-4 ALL BRANCH CIRCUIT WIRING EXPOSED IN WAREHOUSE SHALL BE IN EMT RACEWAY IN A NEAT WORKMANSHIP MANNER.

E-307	E-304	E-305
E-306	E-303	E-302

1 PARTIAL FLOOR PLAN - POWER

1/16" = 1'-0"

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2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MALAK

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
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DATE	PROJECT NO
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SHEET TITLE

PARTIAL FLOOR PLAN - POWER

SHEET NUMBER

E-305

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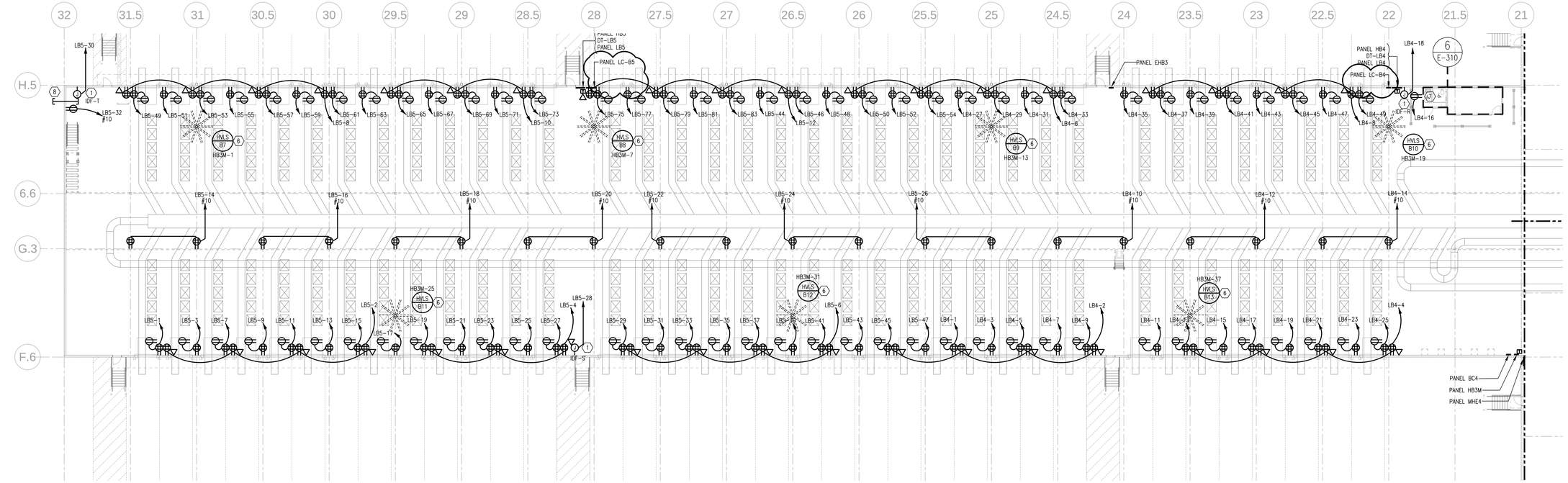

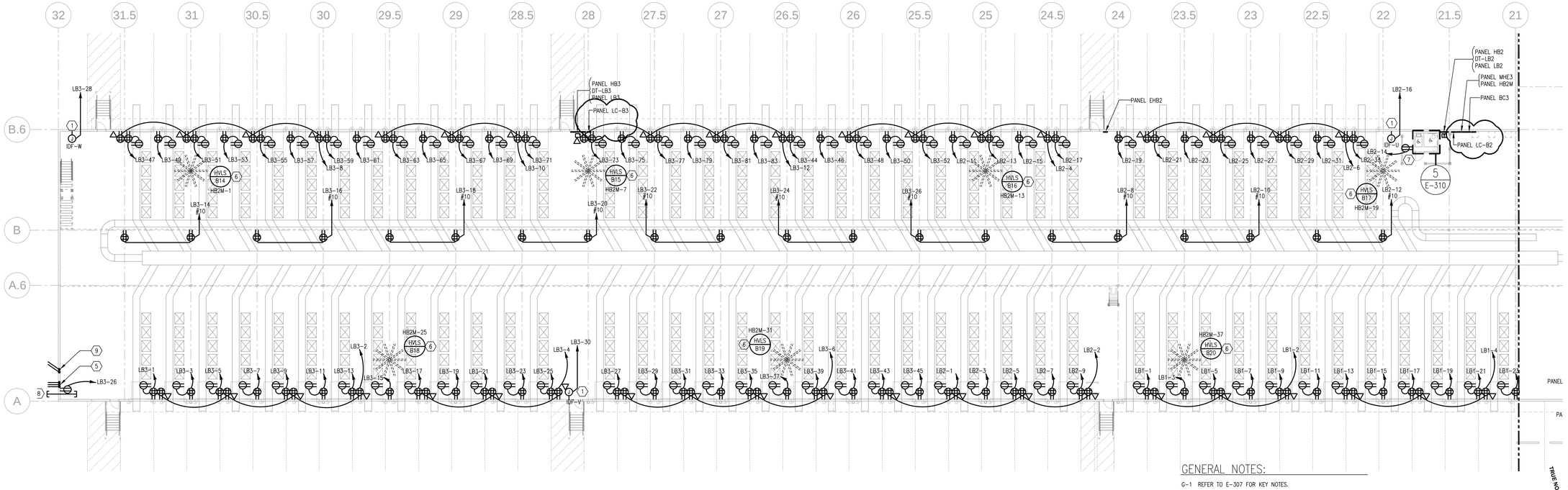

GENERAL NOTES:

G-1 REFER TO E-307 FOR KEY NOTES.

G-2 REFER TO E-0.02 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

G-3 ALL RECEPTACLES MOUNTED ON COLUMNS IN WAREHOUSE SHALL BE MOUNTED AT +48" A.F.F. U.N.O.

G-4 ALL BRANCH CIRCUIT WIRING EXPOSED IN WAREHOUSE SHALL BE IN EMT RACEWAY IN A NEAT WORKMANSHIP MANNER.

E-307	E-304	E-305
E-306	E-303	E-302

1 PARTIAL FLOOR PLAN - POWER

1/16" = 1'-0"

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MALCOM

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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SHEET TITLE

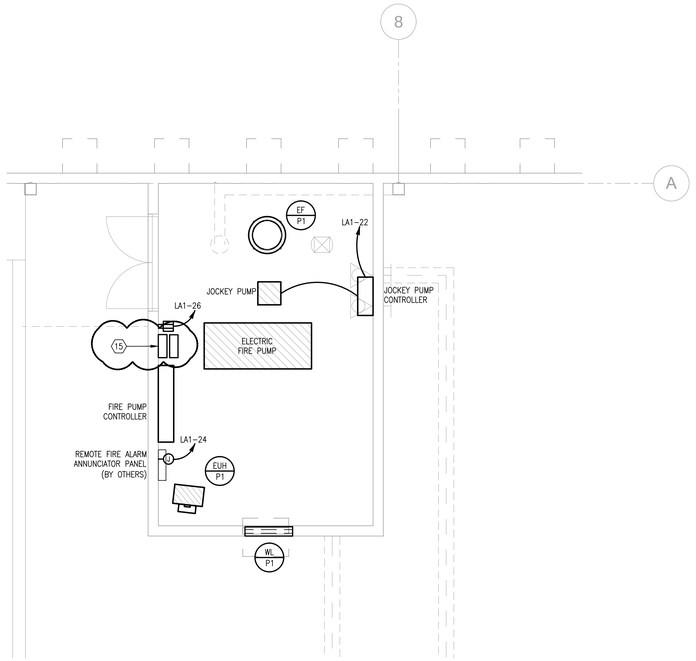
PARTIAL FLOOR PLAN - POWER

SHEET NUMBER

E-306

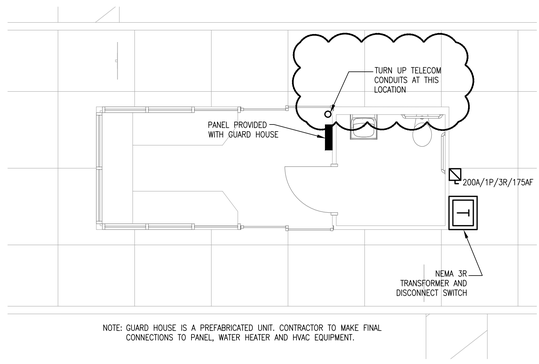
FOR CONSTRUCTION

8/9/2013 11:31:37 AM



2 ENLARGED PUMP HOUSE - POWER

1/4" = 1'-0"



NOTE: GUARD HOUSE IS A PREFABRICATED UNIT. CONTRACTOR TO MAKE FINAL CONNECTIONS TO PANEL, WATER HEATER AND HVAC EQUIPMENT.

3 ENLARGED GUARD HOUSE - POWER

1/4" = 1'-0"

GENERAL NOTES:

G-1 REFER TO E-307 FOR KEY NOTES.

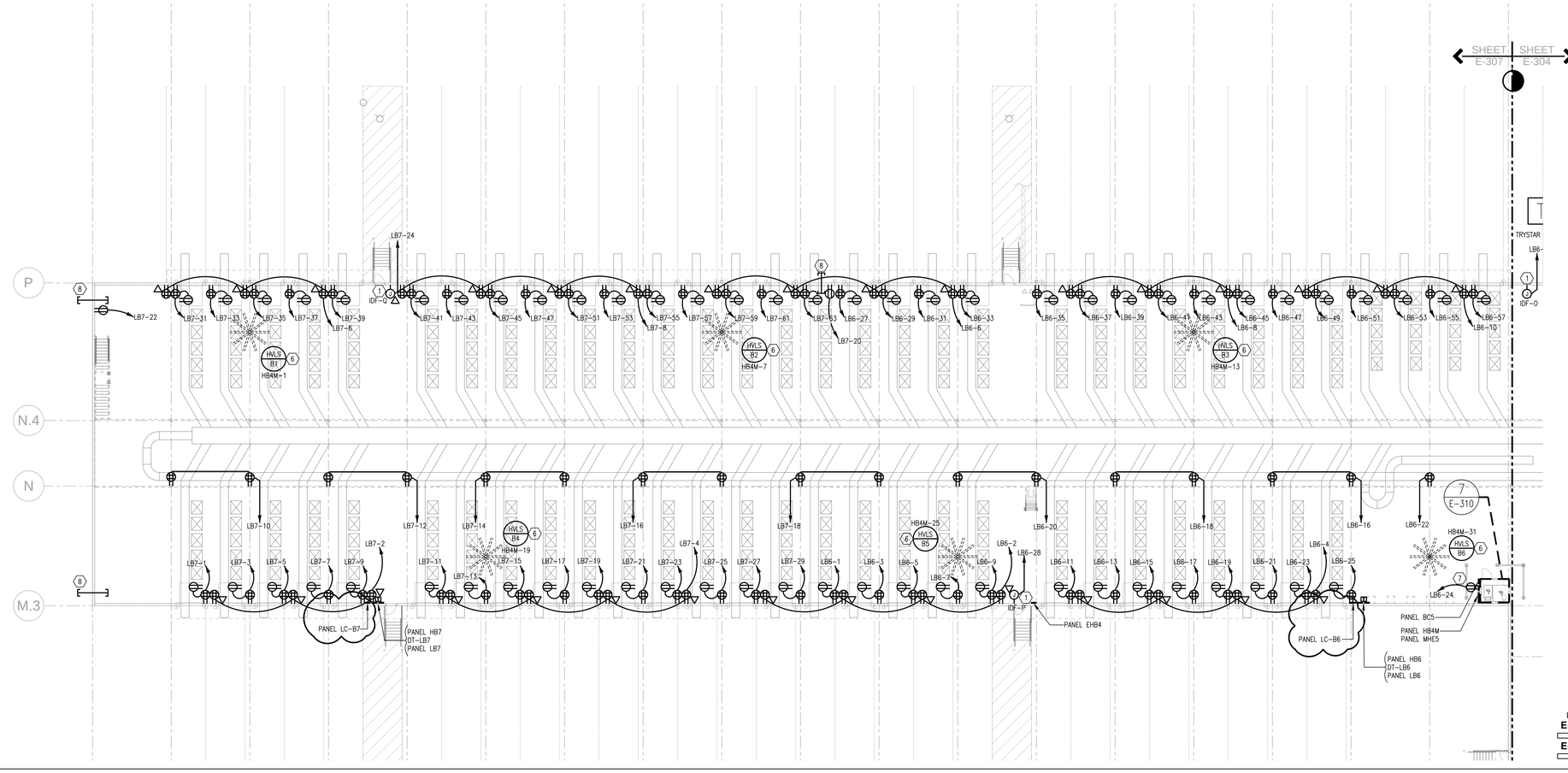
G-2 REFER TO E-0.02 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

G-3 ALL RECEPTACLES MOUNTED ON COLUMNS IN WAREHOUSE SHALL BE MOUNTED AT +48" A.F.F. U.N.O.

G-4 ALL BRANCH CIRCUIT WIRING EXPOSED IN WAREHOUSE SHALL BE IN EMT RACEWAY IN A NEAT WORKMANSHIP MANNER.

KEY NOTES: (ALL NOTES MAY NOT APPLY TO ALL DRAWINGS)

1. PROVIDE 120V/20A BRANCH CIRCUIT FOR CONNECTION TO TENANT'S IDF CABINET. IDF CABINET PROVIDED & INSTALLED BY TENANT. PROVIDE A 5-20R RECEPTACLE. PROVIDE CONNECTION TO IDF CABINET RECEPTACLE AFTER INSTALLATION OF CABINET. COORDINATE FINAL IDF CABINET LOCATION AND MOUNTING HEIGHT WITH TENANT PRIOR TO ROUGH-IN. LABEL ALL DEVICES WITH PANEL AND BREAKER NUMBER SERVING DEVICE. ALL BREAKERS SERVING IDF CABINET CIRCUITS SHALL BE PROVIDED WITH "LOCK-ON" DEVICE TO PREVENT BREAKER FROM BEING ACCIDENTALLY TURNED OFF.
2. PROVIDE (6) 4" CONDUIT SLEEVES FROM LOW BAY TO HIGH BAY.
3. PROVIDE (2) 4" CONDUITS FROM LOW BAY ROOF JOIST AREA TO HIGH BAY ROOF JOIST AREA.
4. PROVIDE CONNECTION TO TWO (2) 50HP AIR COMPRESSORS. PROVIDE 100/3/1/100A FUSED DISCONNECT WITH 3#1,#6G-2"C.
5. PROVIDE (3) 4" CONDUITS TO MANHOLE. SEE SITE PLAN DRAWING E-1.01 FOR CONTINUATION. TURN UP INSIDE WAREHOUSE AND STUB UP TO 32" AT ROOF JOISTS. PROVIDE PULL BOX AT +12", SIZE AS REQUIRED. SEE DETAIL FOR FURTHER INFORMATION.
6. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING CIRCULATION FAN CONTROL PANEL/VFD AND REMOTE SPEED CONTROLLER (FURNISHED BY OTHERS). CONTROL PANEL/VFD TO BE LOCATED WITHIN 25 FEET OF FAN BETWEEN BOTTOM OF JOIST AND ROOF DECK. REMOTE SPEED CONTROLLER TO BE LOCATED 60" AFF ON NEAREST COLUMN WITHIN 100 FEET OF FAN CONTROL PANEL. CONTROL PANEL/VFD, REMOTE SPEED CONTROLLER AND ALL CONTROL CABLES ARE PROVIDED BY MECHANICAL CONTRACTOR. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR AND FINAL LOCATIONS OF REMOTE SPEED CONTROLLERS WITH TENANT PRIOR TO BEGINNING ANY WORK.
7. PROVIDE DUPLEX RECEPTACLE FOR SECURITY PVM EQUIPMENT. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN. MOUNT AT +96" AFF.
8. PROVIDE 2" CONDUIT SLEEVE THROUGH EXTERIOR WALL FOR CCTV CAMERA CABLING. INSTALL AT +32". COORDINATE EXACT LOCATION PRIOR TO ROUGH IN. WHERE AT BUILDING CORNER, INSTALL 18" FROM BUILDING CORNER. PROVIDE WEATHERPROOF J-BOX ON EACH END. PROVIDE DUPLEX RECEPTACLE ADJACENT TO SLEEVE WHERE SHOWN.
9. PROVIDE (2) 4" CONDUITS TO WAREHOUSE. SEE SITE DRAWING E-101 FOR CONTINUATION. TURN UP INSIDE WAREHOUSE AND STUB UP TO 32" AT ROOF JOISTS. PROVIDE PULL BOX AT +12", SIZE AS REQUIRED. SEE DETAIL FOR FURTHER INFORMATION.
10. PROVIDE POWER AND CONTROL CONNECTIONS TO 480V/3# COMPACTOR. PROVIDE 60/3/1 FUSED DISCONNECT SWITCH WITH RK5 FUSES SIZED PER MANUFACTURER'S RECOMMENDATION FOR COMPACTOR AND WEATHERPROOF JUNCTION BOX FOR 120V CONTROLS. COORDINATE CONNECTIONS AND CONTROL STATION INSTALLATION WITH GENERAL CONTRACTOR PRIOR TO BEGINNING WORK.
11. PROVIDE POWER AND CONTROL CONNECTIONS TO 480V/3# BAILER. PROVIDE 200/3/1 FUSED DISCONNECT SWITCH WITH RK5 FUSES SIZED PER MANUFACTURER'S RECOMMENDATION FOR COMPACTOR AND WEATHERPROOF JUNCTION BOX FOR 120V CONTROLS. COORDINATE CONNECTIONS AND CONTROL STATION INSTALLATION WITH GENERAL CONTRACTOR PRIOR TO BEGINNING WORK.
12. PROVIDE POWER AND CONTROL CONNECTIONS TO 480V/3# MOTORIZED OVERHEAD DOOR. PROVIDE 30/3/1 FUSED DISCONNECT SWITCH WITH RK5 FUSES SIZED PER MANUFACTURER'S RECOMMENDATION. COORDINATE CONNECTIONS AND CONTROL STATION INSTALLATION WITH GENERAL CONTRACTOR PRIOR TO BEGINNING WORK.
13. PROVIDE WP JUNCTION BOX FOR 120V CONNECTION TO GENERATOR BATTERY CHARGER.
14. PROVIDE WP JUNCTION BOX FOR 480V CONNECTION TO GENERATOR WATER JACKET HEATER.
15. PROVIDE REMOTE ANNUNCIATOR FOR EACH GENERATOR. PROVIDE ALL WIRING IN CONDUIT TO CONNECT TO GENERATOR.



E-307	E-304	E-305
E-306	E-303	E-302

1 PARTIAL FLOOR PLAN - POWER

1/16" = 1'-0"

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MCLEAN
7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

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DATE	PROJECT NO
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SHEET TITLE

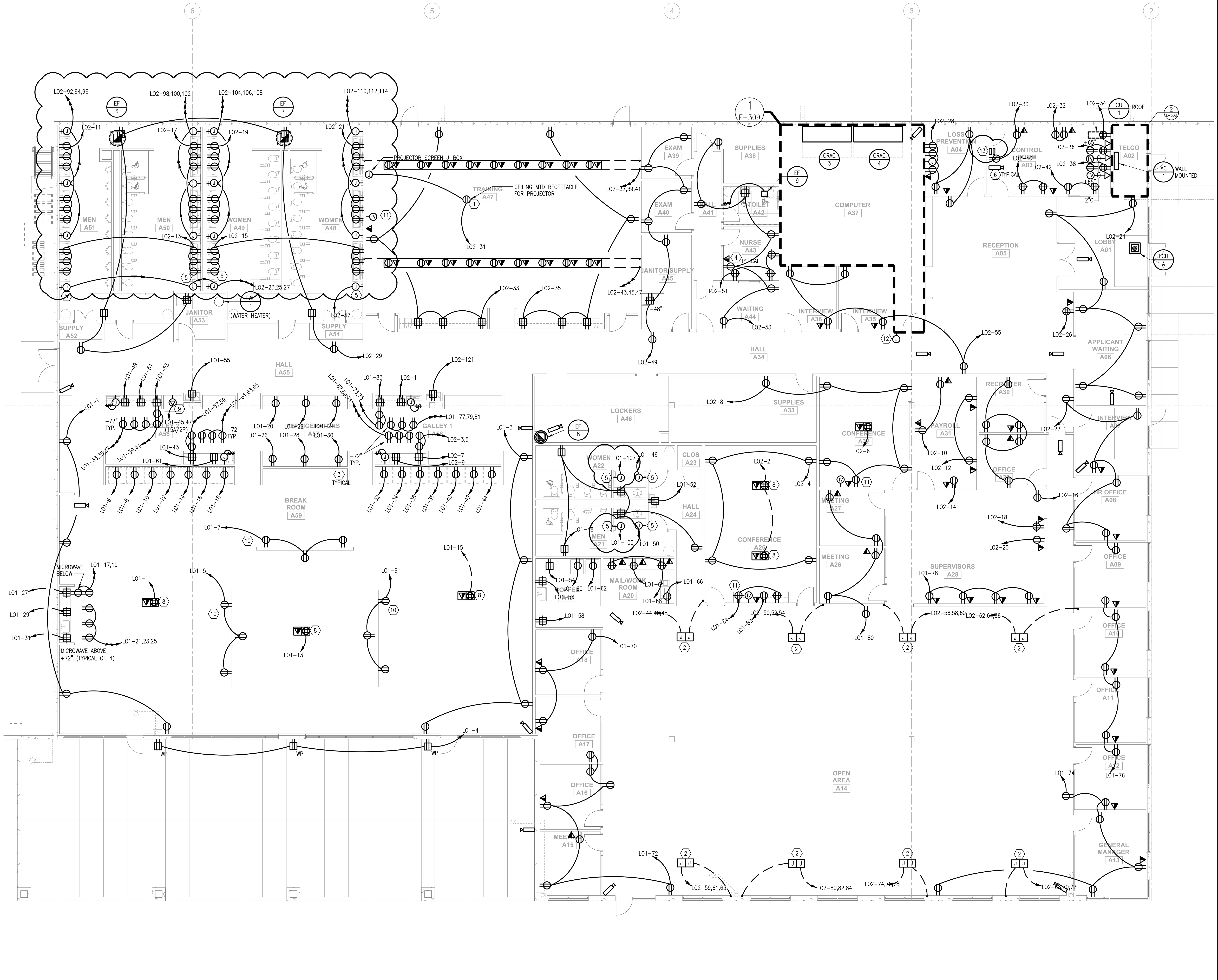
PARTIAL FLOOR PLAN AND ENLARGED PUMP ROOM - POWER

SHEET NUMBER

E-307

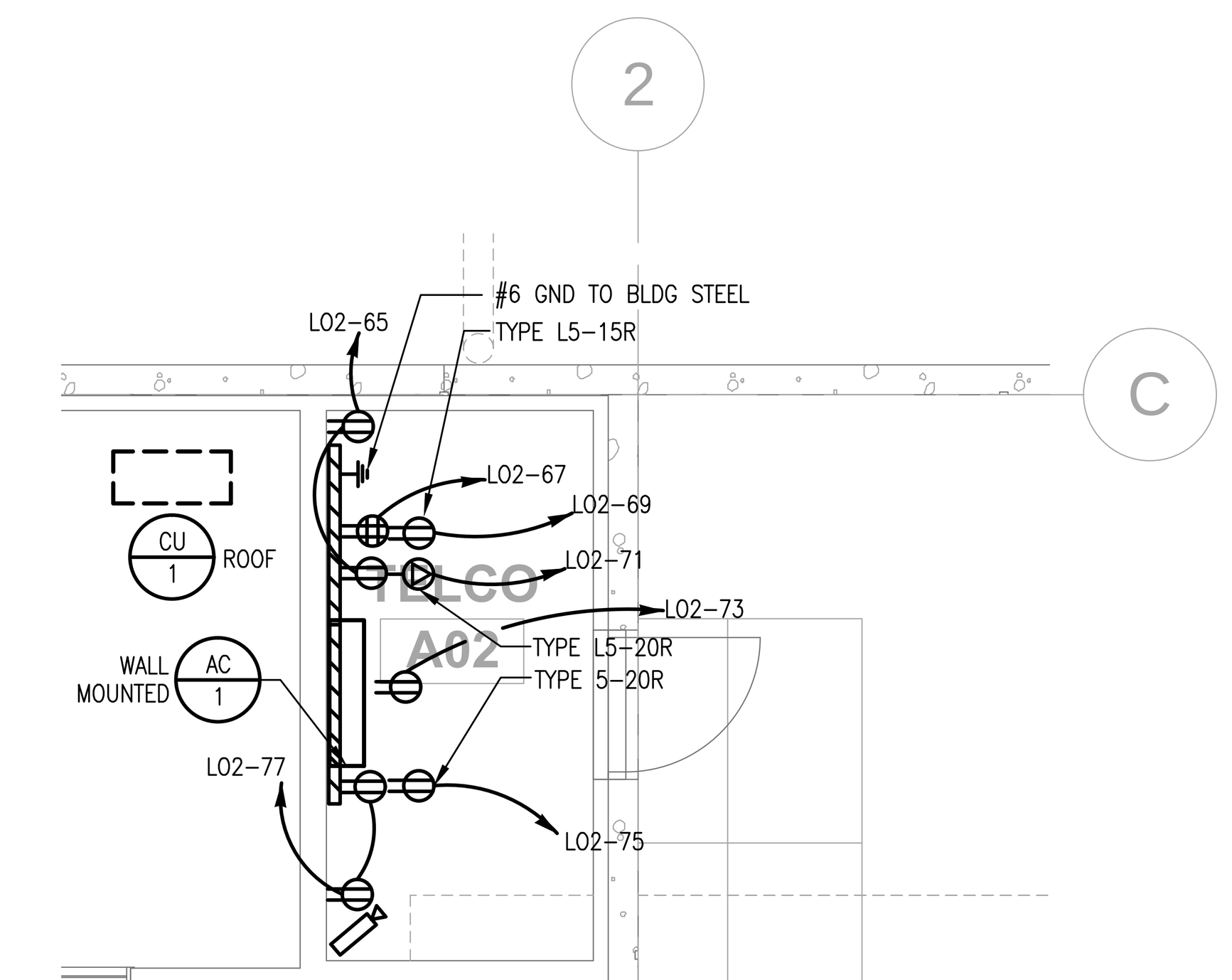
FOR CONSTRUCTION

07/31/2013 11:31:17 AM



1 MAIN OFFICE FLOOR PLAN - POWER

1/8" = 1'-0"



2 ENLARGED TELCO ROOM - POWER

1/4" = 1'-0"

KEY NOTES:

1. PROVIDE 120V AT CEILING FOR PROJECTION SCREEN CONNECTION. COORDINATE EXACT LOCATION WITH AV CONTRACTOR. VERIFY SYSTEM REQUIREMENTS WITH AV VENDOR AND PROVIDE WALL BOX AS REQUIRED.
2. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS OF SYSTEM FURNITURE.
3. PROVIDE UNISTRUT SUPPORT ABOVE REFRIGERATORS FOR RECEPTACLE AND BRANCH CIRCUIT CONDUIT INSTALLATION. PROVIDE SUPPORT FROM ABOVE.
4. PROVIDE 120 mm SQ. X 54 mm DEEP (4-11/16" SQ. X 2-1/8" DEEP) J-BOX WITH SINGLE-GANG MUD RING AND 21 mm (3/4") CONDUIT WITH PULLWIRE STUBBED 76 mm (3") INTO ACCESSIBLE CEILING FOR VOICE/DATA.
5. PROVIDE 120V POWER FOR HAND DRYERS.
6. PROVIDE 120V POWER FOR CAMERAS.
7. PROVIDE (1) 3/4" CONDUIT FROM THE FIRE SPRINKLER MONITOR PANEL TO UPS AND PANEL SHCMDF SHUNT TRIP BREAKERS FOR INTERLOCK CONTROL. ELECTRICAL CONTRACTOR TO PROVIDE ALL LOW VOLTAGE WIRING FOR COMPLETE CONNECTION.
8. PROVIDE (2) 1 1/4" CONDUITS FROM FLOOR BOX FOR DATA CABLING. EXTEND TO NEAREST WALL AND UP TO ACCESSIBLE CEILING. TERMINATE WITH NYLON BUSHING.
9. RECEPTACLE FOR ICE MAKER. CONTRACTOR TO FURNISH AND INSTALL A CIRCUIT OF 2#12, 1#12G-1/2"C. PROVIDE NEMA 6-15R RECEPTACLE AND MATCHING CORD/PLUG.
10. DEVICES AR MOUNTED ON A LOW-HEIGHT WALL. ALL RACEWAYS SERVING DEVICES ON THE LOW-HEIGHT WALL SHALL BE FED FROM UNDERSLAB.
11. PROVIDE FLUSH WALL MOUNTED DEVICES FOR TV. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS.
12. PROVIDE FLUSH WALL MOUNTED JUNCTION BOX FOR CARD READER. REFER TO CARD READER DOOR DETAIL FOR ADDITIONAL INFORMATION.
13. PROVIDE REMOTE ANNUNCIATOR FOR EACH GENERATOR. PROVIDE ALL WIRING IN CONDUIT TO CONNECT TO GENERATOR.

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

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DATE	PROJECT NO
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SHEET TITLE

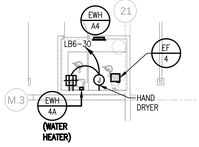
MAIN OFFICE FLOOR PLAN - POWER

SHEET NUMBER

E-308

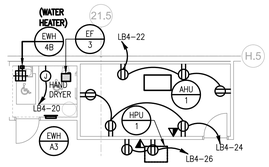
FOR CONSTRUCTION

6/14/2013 11:33:17 AM



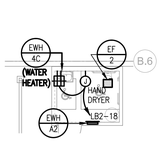
7 PARTIAL PLAN - TOILET H01 - POWER

1/8" = 1'-0"



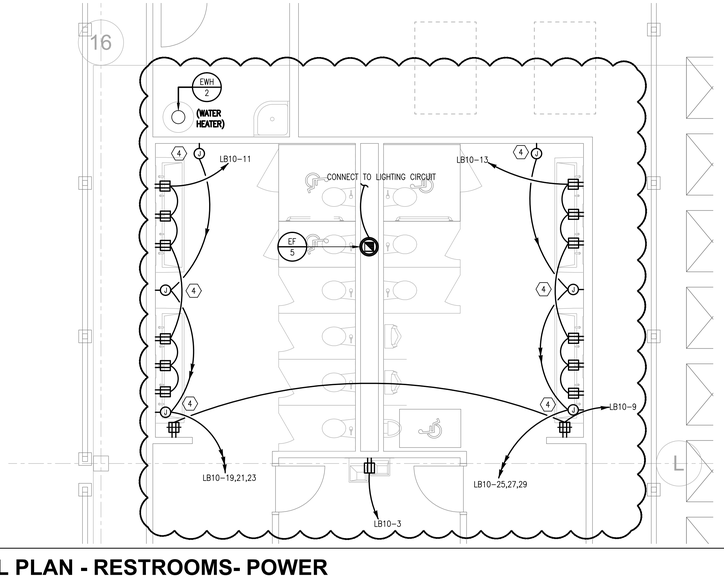
6 PARTIAL PLAN - SHIPPING OFFICE + TOILET - POWER

1/8" = 1'-0"



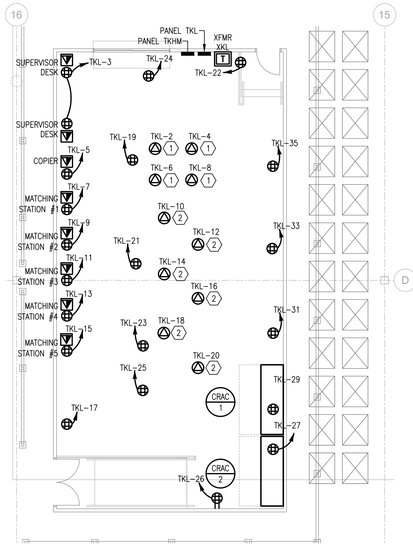
5 PARTIAL PLAN - TOILET F01 - POWER

1/8" = 1'-0"



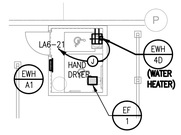
4 PARTIAL PLAN - RESTROOMS- POWER

1/4" = 1'-0"



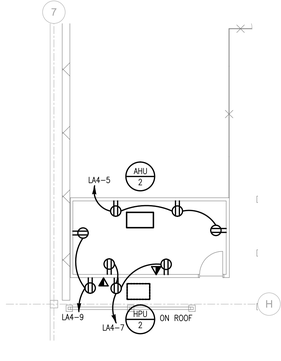
3 PARTIAL PLAN - TICKET ROOM - POWER

1/8" = 1'-0"



2 PARTIAL PLAN - TOILET C01 - POWER

1/8" = 1'-0"



1 PARTIAL PLAN - RECEIVING OFFICE - POWER

1/8" = 1'-0"

KEY NOTES:

1. PROVIDE DEDICATED L6–30R CEILING MOUNTED RECEPTACLE. PROVIDE #10 BRANCH CIRCUIT WIRING.
2. PROVIDE DEDICATED 6–20R CEILING MOUNTED RECEPTACLE.
3. PROVIDE 120V POWER FOR AUTOMATIC FLUSH VALVES. COORDINATE CONNECTION REQUIREMENTS WITH PLUMBING CONTRACTOR.
4. PROVIDE JUNCTION BOX FOR 120V CONNECTION TO HAND DRYER.

GENERAL NOTES:

G–1 ALL RECEPTACLES ARE MOUNTED BELOW RAISED FLOOR UNLESS OTHERWISE NOTED.

G–2 ALL RECEPTACLES TO BE PROVIDED WITH 6FT FLEXIBLE WHIP FOR FINAL LOCATION COORDINATION.

G–3 ALL WIRING IN RAISED FLOOR TO BE LIQUID–TIGHT FLEXIBLE CONDUIT SUITABLE FOR RAISED FLOOR ENVIRONMENTS.

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

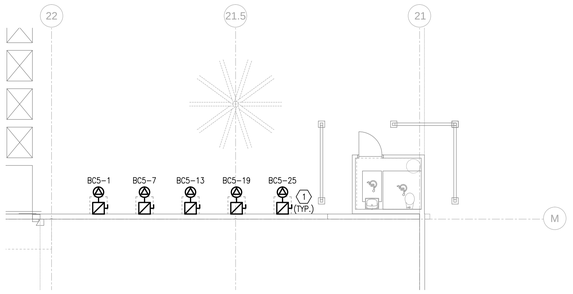
WAREHOUSE OFFICES AND RESTROOMS FLOOR PLANS - POWER

SHEET NUMBER

E-310

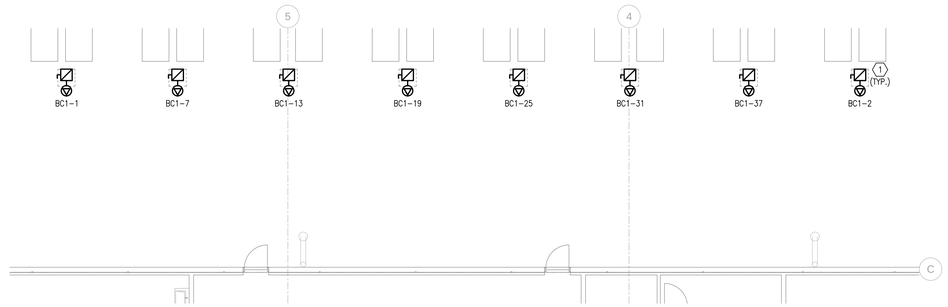
FOR CONSTRUCTION

6/4/2013 11:33:17 AM



5 PARTIAL PLAN - BATTERY CHARGERS - POWER

1/8" = 1'-0"

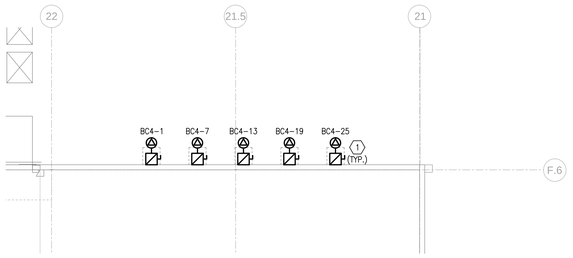


2 PARTIAL PLAN - BATTERY CHARGERS - POWER

1/8" = 1'-0"

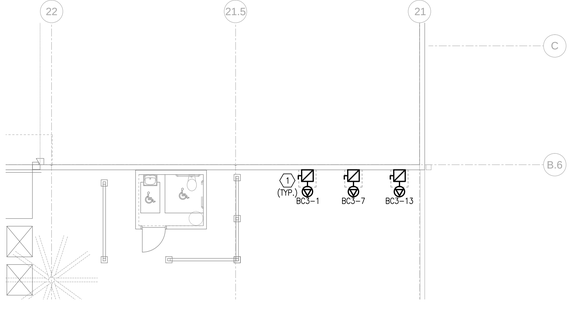
KEY NOTES:

1. PROVIDE 60/3/1 FUSED DISCONNECT SWITCH FOR BATTERY CHARGER – 480V-3PH-41A. MOUNT AT +54" AFF. PROVIDE 60A RECEPTACLE MOUNTED 12" BELOW DISCONNECT SWITCH. COORDINATE RECEPTACLE TYPE AND CONFIGURATION WITH BATTERY CHARGER MANUFACTURER. PROVIDE 4#4, #8G-1 1/4"C FROM DISCONNECT TO RECEPTACLE. CHARGER HOMERUNS SHALL BE 4#4, #8G-1 1/4"C FOR LENGTHS UP TO 100'. LENGTHS EXCEEDING 100' SHALL BE 4#3, #8G-1 1/2"C.



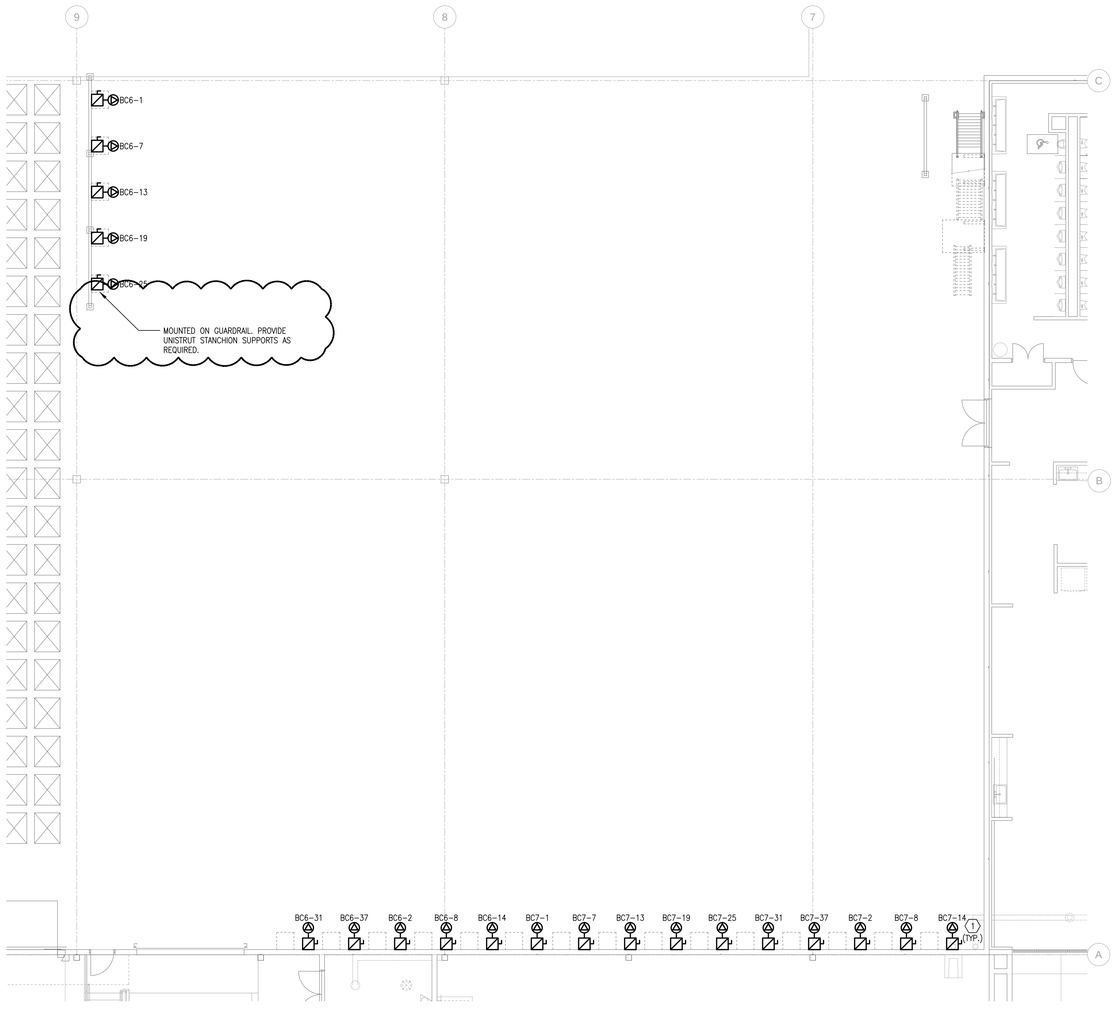
4 PARTIAL PLAN - BATTERY CHARGERS - POWER

1/8" = 1'-0"



3 PARTIAL PLAN - BATTERY CHARGERS - POWER

1/8" = 1'-0"



1 PARTIAL PLAN - BATTERY CHARGERS - POWER

1/8" = 1'-0"

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2597
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

WAREHOUSE OFFICES AND RESTROOMS FLOOR PLANS - POWER

SHEET NUMBER

E-311

FOR CONSTRUCTION

SWITCHBOARD SCHEDULE - "MSA"

MAIN: 4000A MLO | VOLTAGE: 480/277 | PHASE 3 | WIRE: 4
MTG: FLOOR | AIC: 57,868

	CKT #	FRAME	TRIP	FUSE	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC
MAINS	M1		-			FUSIBLE MAIN #1							
		-	-	-	-	-							
		-	-	-	-	-							
	M2	200	-	150	3	FUSIBLE MAIN #2	26.3	0.0	0.0	0.0	0.0	0.0	0.5
		-	-	-	-	EMERG PANEL EDPA	17.3	0.0	0.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	17.8	0.0	0.0	0.0	0.0	0.0	0.0
	M3	4000	4000	-	3	BREAKER MAIN #3	85.3	61.0	759.1	37.2	49.0	0.0	380.5
		-	-	-	-	(TOTALED FROM	76.8	62.1	755.2	38.1	49.8	0.0	379.6
		-	-	-	-	DISTRIBUTION BELOW)	74.8	62.0	755.7	38.1	41.0	0.0	382.4
						CATEGORY LOAD SUBTOTALS	###	###	###	###	###	0.0	###
DISTRIBUTION	1	200	175	-	3	EWH-5 (WATER HEATER)					36.0		
		TIME	DELAY	RELAY	-	-					36.0		
		-	-	-	-	-					36.0		
	2			-		SPACE							
		-	-	-	-	-							
		-	-	-	-	-							
	3	600	600	-	3	PANEL BC1	0.0	0.0	0.0	0.0	0.0	0.0	93.1
		TIME	DELAY	RELAY	-	-	0.0	0.0	0.0	0.0	0.0	0.0	93.1
		-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	93.1
	4	250	225	-	3	PANEL BC2	0.0	0.0	0.0	0.0	0.0	0.0	36.1
		TIME	DELAY	RELAY	-	-	0.0	0.0	0.0	0.0	0.0	0.0	36.1
		-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	36.1
	5	600	600	-	3	PANEL BC6	0.0	0.0	0.0	0.0	0.0	0.0	116.4
		TIME	DELAY	RELAY	-	-	0.0	0.0	0.0	0.0	0.0	0.0	116.4
		-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	116.4
	6	600	600	-	3	PANEL BC7	0.0	0.0	0.0	0.0	0.0	0.0	116.4
		TIME	DELAY	RELAY	-	-	0.0	0.0	0.0	0.0	0.0	0.0	116.4
		-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	116.4
	7	600	600	-	3	PANEL MHE1	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
	8	600	600	-	3	PANEL MHE2	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
	9	600	600	-	3	PANEL HA1M	0.0	0.0	96.6	0.0	0.0	0.0	3.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	96.6	0.0	0.0	0.0	1.5
		-	-	-	-	-	0.0	0.0	96.6	0.0	0.0	0.0	1.5
	10	600	600	-	3	PANEL HA2M	0.0	0.0	129.2	0.0	5.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	129.2	0.0	6.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	129.2	0.0	0.0	0.0	0.0
	11	600	600	-	3	PANEL HA3M	0.0	0.0	108.0	0.0	3.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	108.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	108.0	0.0	0.0	0.0	0.0
	12	600	400	-	3	PANEL HA4M	0.0	0.0	78.4	0.0	2.8	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	78.4	0.0	2.8	0.0	0.0
		-	-	-	-	-	0.0	0.0	78.4	0.0	2.8	0.0	0.0
	13	250	225	-	3	PANEL HA1	22.1	3.8	3.6	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	17.7	3.2	1.6	0.0	5.0	0.0	1.7
		-	-	-	-	-	20.7	2.5	2.9	0.0	0.0	0.0	1.0
	14	250	225	-	3	PANEL HA2	12.0	2.9	3.7	0.0	0.0	0.0	0.5
		TIME	DELAY	RELAY	-	-	12.2	2.5	2.9	0.0	0.0	0.0	0.0
		-	-	-	-	-	11.5	2.2	2.9	0.0	0.0	0.0	0.0
	15	250	225	-	3	PANEL HA3	16.1	2.9	0.0	0.0	0.0	0.0	0.5
		TIME	DELAY	RELAY	-	-	15.9	2.5	0.0	0.0	0.0	0.0	0.5
		-	-	-	-	-	15.1	2.5	0.0	0.0	0.0	0.0	0.5
	16	100	70	-	3	DT-LA4	0.3	6.8	0.4	0.0	2.2	0.0	0.5
		TIME	DELAY	RELAY	-	-	0.0	6.8	0.0	0.9	0.0	0.0	0.5
		-	-	-	-	-	0.0	8.2	0.4	0.9	2.2	0.0	0.0
	17	600	600	-	3	PANEL HB1M	0.0	0.0	126.8	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	126.8	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	126.8	0.0	0.0	0.0	0.0
	18	250	225	-	3	PANEL HB1	26.4	5.6	7.0	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	25.6	4.7	7.0	0.0	0.0	0.0	0.5
		-	-	-	-	-	22.5	4.0	6.3	0.0	0.0	0.0	0.5
	19	100	50	-	3	DT-LB8	0.0	2.9	0.0	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	2.9	0.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	2.9	0.0	0.0	0.0	0.0	0.0
	20			-		SPACE							
		-	-	-	-	-							
		-	-	-	-	-							
	21			-		SPACE							
		-	-	-	-	-							
		-	-	-	-	-							
	22	250	225	-	3	PANEL HO1	8.4	29.3	5.4	0.0	0.0	0.0	13.0
		TIME	DELAY	RELAY	-	-	5.4	32.1	4.6	0.0	0.0	0.0	12.9
		-	-	-	-	-	4.9	32.8	4.1	0.0	0.0	0.0	16.9
	23	800	800	-	3	PANEL SHAMDF	0.0	6.9	0.0	37.2	0.0	0.0	1.0
		TIME	DELAY	RELAY	-	-	0.0	7.5	0.0	37.2	0.0	0.0	0.0
		-	-	-	-	-	0.0	7.0	0.0	37.2	0.0	0.0	0.0

CONNECTED LOAD (KVA):	4149.6			
DEMAND LOAD (KVA):	4062.0	PHASE A	5050.0	1398.8
		PHASE B	4978.2	1379.0
CONNECTED LOAD (AMPS):	4991.0	PHASE C	4952.2	1371.8
DEMAND LOAD (AMPS):	4885.7		AMPS	KVA
AMPACITY REQUIRED:	4975.3			

NOTES:
1. INSTALL SWITCHBOARD ON 3" HIGH CONCRETE PAD (LENGTH AND WIDTH EXCEEDING BASE BY 3" ON ALL SIDES.)

PANELBOARD SCHEDULE - "BC1"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 29,619

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	60/3	BATTERY CHARGER							11.6							11.6	BATTERY CHARGER	60/3	2
3	- -	- - - -							11.6							11.6	- - - -	- -	4
5	- -	- - - -							11.6							11.6	- - - -	- -	6
7	60/3	BATTERY CHARGER							11.6								SPARE	20/1	8
9	- -	- - - -							11.6								SPARE	20/1	10
11	- -	- - - -							11.6								SPARE	20/1	12
13	60/3	BATTERY CHARGER							11.6								SPARE	20/1	14
15	- -	- - - -							11.6								SPACE		16
17	- -	- - - -							11.6								SPACE		18
19	60/3	BATTERY CHARGER							11.6								SPACE		20
21	- -	- - - -							11.6								SPACE		22
23	- -	- - - -							11.6								SPACE		24
25	60/3	BATTERY CHARGER							11.6								SPACE		26
27	- -	- - - -							11.6								SPACE		28
29	- -	- - - -							11.6								SPACE		30
31	60/3	BATTERY CHARGER							11.6								SPACE		32
33	- -	- - - -							11.6								SPACE		34
35	- -	- - - -							11.6								SPACE		36
37	60/3	BATTERY CHARGER							11.6								SPACE		38
39	- -	- - - -							11.6								SPACE		40
41	- -	- - - -							11.6								SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	244.4	0.0	0.0	0.0	0.0	0.0	0.0	34.9	CONNECTED LOAD (KVA):	279.4	

RECEPTACLES (KVA):	0.0				DEMAND LOAD (KVA):	279.4
MOTORS (KVA):	0.0	PHASE A	93	336.2		
A/C (KVA):	0.0	PHASE B	93	336.2	CONNECTED LOAD (AMPS):	336.0
HEATING (KVA):	0.0	PHASE C	93	336.2	DEMAND LOAD (AMPS):	336.0
KITCHEN (KVA):	0.0		KVA	AMPS		
MISCELLANEOUS (KVA):	279.4				AMPACITY REQUIRED:	336.0

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "BC2"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 6,611

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	50/3	BATTERY CHARGER							11.3							4.0	BATTERY CHARGER	20/3	2
3	--	----							11.3							4.0	----	--	4
5	--	----							11.3							4.0	----	--	6
7	30/3	BATTERY CHARGER							6.1							4.0	BATTERY CHARGER	20/3	8
9	--	----							6.1							4.0	----	--	10
11	--	----							6.1							4.0	----	--	12
13	30/3	BATTERY CHARGER							6.1							2.3	BATTERY CHARGER	15/3	14
15	--	----							6.1							2.3	----	-	16
17	--	----							6.1							2.3	----	--	18
19	20/1	SPARE														2.3	BATTERY CHARGER	15/3	20
21	20/1	SPARE														2.3	----	--	22
23	20/1	SPARE														2.3	----	--	24
25	20/1	SPARE															SPACE		26
27		SPACE															SPACE		28
29		SPACE															SPACE		30
31		SPACE															SPACE		32
33		SPACE															SPACE		34
35		SPACE															SPACE		36
37		SPACE															SPACE		38
39		SPACE															SPACE		40
41		SPACE															SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.5	0.0	0.0	0.0	0.0	0.0	0.0	37.8	CONNECTED LOAD (KVA):	108.3	

RECEPTACLES (KVA):	0.0				DEMAND LOAD (KVA):	108.3
MOTORS (KVA):	0.0	PHASE A	36	130.3		
A/C (KVA):	0.0	PHASE B	36	130.3	CONNECTED LOAD (AMPS):	130.3
HEATING (KVA):	0.0	PHASE C	36	130.3	DEMAND LOAD (AMPS):	130.3
KITCHEN (KVA):	0.0		KVA	AMPS		
MISCELLANEOUS (KVA):	108.3				AMPACITY REQUIRED:	130.3

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "BC6"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 47,748

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	60/3	BATTERY CHARGER							11.6							11.6	BATTERY CHARGER	60/3	2
3	- -	- - - -							11.6							11.6	- - - -	- -	4
5	- -	- - - -							11.6							11.6	- - - -	- -	6
7	60/3	BATTERY CHARGER							11.6							11.6	BATTERY CHARGER	60/3	8
9	- -	- - - -							11.6							11.6	- - - -	- -	10
11	- -	- - - -							11.6							11.6	- - - -	- -	12
13	60/3	BATTERY CHARGER							11.6							11.6	BATTERY CHARGER	60/3	14
15	- -	- - - -							11.6							11.6	- - - -	- -	16
17	- -	- - - -							11.6							11.6	- - - -	- -	18
19	60/3	BATTERY CHARGER							11.6								SPARE	20/1	20
21	- -	- - - -							11.6								SPARE	20/1	22
23	- -	- - - -							11.6								SPARE	20/1	24
25	60/3	BATTERY CHARGER							11.6								SPARE	20/1	26
27	- -	- - - -							11.6								SPACE		28
29	- -	- - - -							11.6								SPACE		30
31	60/3	BATTERY CHARGER							11.6								SPACE		32
33	- -	- - - -							11.6								SPACE		34
35	- -	- - - -							11.6								SPACE		36
37	60/3	BATTERY CHARGER							11.6								SPACE		38
39	- -	- - - -							11.6								SPACE		40
41	- -	- - - -							11.6								SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	244.4	0.0	0.0	0.0	0.0	0.0	0.0	104.8	CONNECTED LOAD (KVA):	349.2	

RECEPTACLES (KVA):	0.0				DEMAND LOAD (KVA):	349.2
MOTORS (KVA):	0.0	PHASE A	116	420.2		
A/C (KVA):	0.0	PHASE B	116	420.2	CONNECTED LOAD (AMPS):	420.0
HEATING (KVA):	0.0	PHASE C	116	420.2	DEMAND LOAD (AMPS):	420.0
KITCHEN (KVA):	0.0		KVA	AMPS		
MISCELLANEOUS (KVA):	349.2				AMPACITY REQUIRED:	420.0

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "BC7"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 47,748

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	60/3	BATTERY CHARGER							11.6							11.6	BATTERY CHARGER	60/3	2
3	- -	- - - -							11.6							11.6	- - - -	- -	4
5	- -	- - - -							11.6							11.6	- - - -	- -	6
7	60/3	BATTERY CHARGER							11.6							11.6	BATTERY CHARGER	60/3	8
9	- -	- - - -							11.6							11.6	- - - -	- -	10
11	- -	- - - -							11.6							11.6	- - - -	- -	12
13	60/3	BATTERY CHARGER							11.6							11.6	BATTERY CHARGER	60/3	14
15	- -	- - - -							11.6							11.6	- - - -	- -	16
17	- -	- - - -							11.6							11.6	- - - -	- -	18
19	60/3	BATTERY CHARGER							11.6								SPARE	20/1	20
21	- -	- - - -							11.6								SPARE	20/1	22
23	- -	- - - -							11.6								SPARE	20/1	24
25	60/3	BATTERY CHARGER							11.6								SPARE	20/1	26
27	- -	- - - -							11.6								SPACE		28
29	- -	- - - -							11.6								SPACE		30
31	60/3	BATTERY CHARGER							11.6								SPACE		32
33	- -	- - - -							11.6								SPACE		34
35	- -	- - - -							11.6								SPACE		36
37	60/3	BATTERY CHARGER							11.6								SPACE		38
39	- -	- - - -							11.6								SPACE		40
41	- -	- - - -							11.6								SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	244.4	0.0	0.0	0.0	0.0	0.0	0.0	104.8	CONNECTED LOAD (KVA):	349.2	

RECEPTACLES (KVA):	0.0				DEMAND LOAD (KVA):	349.2
MOTORS (KVA):	0.0	PHASE A	116	420.2		
A/C (KVA):	0.0	PHASE B	116	420.2	CONNECTED LOAD (AMPS):	420.0
HEATING (KVA):	0.0	PHASE C	116	420.2	DEMAND LOAD (AMPS):	420.0
KITCHEN (KVA):	0.0		KVA	AMPS		
MISCELLANEOUS (KVA):	349.2				AMPACITY REQUIRED:	420.0

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

DISTRIBUTION PANEL SCHEDULE - "EDPA"

MAIN: 150A MLO | VOLTAGE: 480/277 | PHASE 3 | WIRE: 4
MTG: SURFACE | AIC: 42,835 | NOTES:

CKT #	FRAME	TRIP	FUSE	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC
1	100	-	50	3	DT-ELA1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	100	-	100	3	PANEL EHA1	5.1	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	4.4	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	4.4	0.0	0.0	0.0	0.0	0.0	0.0
3	100	-	100	3	PANEL EHA2	6.3	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	4.5	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	4.4	0.0	0.0	0.0	0.0	0.0	0.0
4	100	-	100	3	PANEL EHA3	10.0	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	6.2	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	6.8	0.0	0.0	0.0	0.0	0.0	0.0
5	100	-	100	3	PANEL EHB1	4.9	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	2.2	0.0	0.0	0.0	0.0	0.0	0.0
6					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
7					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
8					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
9					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
10					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
						61.3	0.0	0.0	0.0	0.0	0.0	0.5

CONNECTED LOAD (KVA):	61.8			
DEMAND LOAD (KVA):	61.8	PHASE A	96.6	26.8
		PHASE B	62.3	17.3
CONNECTED LOAD (AMPS)	74.3	PHASE C	64.1	17.8
DEMAND LOAD (AMPS):	74.3		AMPS	KVA
AMPACITY REQUIRED:	92.7			

NOTES:

PANELBOARD SCHEDULE - "EHA1"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 28,833

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	EMER LTG - WAREHOUSE	2.2							0.7							EMER LTG - EXIT SIGNS	20/1	2
3	- -	- - - -	2.2														SPARE	20/1	4
5	20/2	EMER LTG - WAREHOUSE	2.2														SPARE	20/1	6
7	- -	- - - -	2.2														SPARE	20/1	8
9	20/2	EMER LTG - WAREHOUSE	2.2														SPARE	20/1	10
11	- -	- - - -	2.2														SPACE		12
13		SPACE															SPACE		14
15		SPACE															SPACE		16
17		SPACE															SPACE		18
19		SPACE															SPACE		20
21		SPACE															SPACE		22
23		SPACE															SPACE		24
25		SPACE															SPACE		26
27		SPACE															SPACE		28
29		SPACE															SPACE		30
31		SPACE															SPACE		32
33		SPACE															SPACE		34
35		SPACE															SPACE		36
37		SPACE															SPACE		38
39		SPACE															SPACE		40
41		SPACE															SPACE		42
LIGHTING (KVA):		13.8	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	13.8	

RECEPTACLES (KVA):	0.0				DEMAND LOAD (KVA):	13.8
MOTORS (KVA):	0.0	PHASE A	5	18.3		
A/C (KVA):	0.0	PHASE B	4	15.8	CONNECTED LOAD (AMPS):	16.6
HEATING (KVA):	0.0	PHASE C	4	15.8	DEMAND LOAD (AMPS):	16.6
KITCHEN (KVA):	0.0		KVA	AMPS		
MISCELLANEOUS (KVA):	0.0				AMPACITY REQUIRED:	20.8

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND

MSA	BC1	BC2
	BC6	BC7
EDPA	EHA1	

6/14/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PROFESSIONAL ENGINEER PE# 21385 TIMOTHY E. MILAM
7-31-13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
⚠	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE: 07/31/2013
PROJECT NO: 2013-018

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

SHEET NUMBER: E-601

FOR CONSTRUCTION

PANELBOARD SCHEDULE - "EHA2"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 7,314

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/2	EMER LTG - WAREHOUSE	3.1								0.3							EMER LTG - EXIT SIGNS	20/1	2
3	- -	- - - -	3.1								1.4							EMER LTG - OFFICE	20/1	4
5	20/2	EMER LTG - WAREHOUSE	2.9								1.5							EMER LTG - OFFICE	20/1	6
7	- -	- - - -	2.9															SPARE	20/1	8
9		SPACE																SPARE	20/1	10
11		SPACE																SPARE	20/1	12
13		SPACE																SPARE	20/1	14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		15.2	12.0	0.0	0.0	0.0	0.0	0.0	0.0		3.1	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	15.2	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	15.2	
MOTORS (KVA):		0.0							PHASE A	6	22.7									
A/C (KVA):		0.0							PHASE B	4	16.2							CONNECTED LOAD (AMPS):	18.3	
HEATING (KVA):		0.0							PHASE C	4	16.0							DEMAND LOAD (AMPS):	18.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	22.8	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "EHA3"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,592

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/2	EMER LTG - WAREHOUSE	1.6															SPARE	20/1	2
3	- -	- - - -	1.6															SPARE	20/1	4
5	20/2	EMER LTG - WAREHOUSE	2.4															SPARE	20/1	6
7	- -	- - - -	2.4															SPARE	20/1	8
9	20/2	EMER LTG - WAREHOUSE	1.5															SPACE		10
11	- -	- - - -	1.5															SPACE		12
13	20/2	EMER LTG - WAREHOUSE	3.1															SPACE		14
15	- -	- - - -	3.1															SPACE		16
17	20/2	EMER LTG - WAREHOUSE	2.9															SPACE		18
19	- -	- - - -	2.9															SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		23.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	23.0	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	23.0	
MOTORS (KVA):		0.0							PHASE A	10	36.2									
A/C (KVA):		0.0							PHASE B	6	22.4							CONNECTED LOAD (AMPS):	27.7	
HEATING (KVA):		0.0							PHASE C	7	24.4							DEMAND LOAD (AMPS):	27.7	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	34.6	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA2M"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 24,893

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	15/3	HVLS-A15			0.9								3.8					RTU-1	20/3	2
3	- -	- - - -			0.9								3.8					- - - -	- -	4
5	- -	- - - -			0.9								3.8					- - - -	- -	6
7	45/3	RTU-B24			10.3								3.8					RTU-2	20/3	8
9	- -	- - - -			10.3								3.8					- - - -	- -	10
11	- -	- - - -			10.3								3.8					- - - -	- -	12
13	45/3	RTU-B32			10.3								5.5					RTU-5	25/3	14
15	- -	- - - -			10.3								5.5					- - - -	- -	16
17	- -	- - - -			10.3								5.5					- - - -	- -	18
19	60/3	RTU-C5			13.9								4.2					RTU-6	20/3	20
21	- -	- - - -			13.9								4.2					- - - -	- -	22
23	- -	- - - -			13.9								4.2					- - - -	- -	24
25	60/3	RTU-C6			13.9								3.2					RTU-7	15/3	26
27	- -	- - - -			13.9								3.2					- - - -	- -	28
29	- -	- - - -			13.9								3.2					- - - -	- -	30
31	60/3	RTU-C7			13.9								3.8					RTU-8	20/3	32
33	- -	- - - -			13.9								3.8					- - - -	- -	34
35	- -	- - - -			13.9								3.8					- - - -	- -	36
37	60/3	RTU-C8			13.9								6.9					RTU-9	30/3	38
39	- -	- - - -			13.9								6.9					- - - -	- -	40
41	- -	- - - -			13.9								6.9					- - - -	- -	42
		SECTION 2																SECTION 2		
43	30/3	RTU-10			6.9													SPARE	20/1	44
45	- -	- - - -			6.9													SPARE	20/1	46
47	- -	- - - -			6.9													SPARE	20/1	48
49	15/3	RTU-11			3.2													SPARE	20/1	50
51	- -	- - - -			3.2													SPACE		52
53	- -	- - - -			3.2													SPACE		54
55	30/3	RTU-12			6.9													SPACE		56
57	- -	- - - -			6.9													SPACE		58
59	- -	- - - -			6.9													SPACE		60
61	20/3	RTU-13			4.2													SPACE		62
63	- -	- - - -			4.2													SPACE		64
65	- -	- - - -			4.2													SPACE		66
67	25/1	ECH-A					5.0											SPACE		68
69	30/1	EWH-1 (WATER HEATER)					6.0											SPACE		70
71		SPACE																SPACE		72
73		SPACE																SPACE		74
75		SPACE																SPACE		76
77		SPACE																SPACE		78
79		SPACE																SPACE		80
81		SPACE																SPACE		82
83		SPACE																SPACE		84
LIGHTING (KVA):		0.0	0.0	0.0	294.1	0.0	11.0	0.0	0.0		0.0	0.0	93.5	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	398.6	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	398.6	
MOTORS (KVA):		387.6							PHASE A	134	484.5									
A/C (KVA):		0.0							PHASE B	135	488.1							CONNECTED LOAD (AMPS):	479.4	
HEATING (KVA):		11.0							PHASE C	129	466.4							DEMAND LOAD (AMPS):	479.4	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	479.4	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

FUSIBLE COORDINATION PANELBOARD SCHEDULE - "ELA1"

MAIN: 50A MF | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 644

CKT	FUSE		LOAD (KVA)							PHASE	LOAD (KVA)								FUSE	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/1	FIRE ALARM							0.5									SPARE	20/1	2
3		SPACE																SPARE	20/1	4
5		SPACE																SPARE	20/1	6
7		SPACE																SPARE	20/1	8
9		SPACE																SPACE		10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
LIGHTING (KVA):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	0.5	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	0.5	
MOTORS (KVA):		0.0							PHASE A	1	4.2									
A/C (KVA):		0.0							PHASE B	0	0.0							CONNECTED LOAD (AMPS):	1.4	
HEATING (KVA):		0.0							PHASE C	0	0.0							DEMAND LOAD (AMPS):	1.4	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:	1.4	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA1M"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 53,607

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	15/3	HVLS-A12			0.9								10.3					RTU-B29	45/3	2
3	- -	- - - -			0.9								10.3					- - - -	- -	4
5	- -	- - - -			0.9								10.3					- - - -	- -	6
7	15/3	HVLS-A14			0.9								10.3					RTU-B30	45/3	8
9	- -	- - - -			0.9								10.3					- - - -	- -	10
11	- -	- - - -			0.9								10.3					- - - -	- -	12
13	15/3	HVLS-A18			0.9								10.3					RTU-B31	45/3	14
15	- -	- - - -			0.9								10.3					- - - -	- -	16
17	- -	- - - -			0.9								10.3					- - - -	- -	18
19	15/3	HVLS-A19			0.9								10.3					RTU-B37	45/3	20
21	- -	- - - -			0.9								10.3					- - - -	- -	22
23	- -	- - - -			0.9								10.3					- - - -	- -	24
25	45/3	RTU-B21			10.3								10.3					RTU-B38	45/3	26
27	- -	- - - -			10.3								10.3					- - - -	- -	28
29	- -	- - - -			10.3								10.3					- - - -	- -	30
31	45/3	RTU-B22			10.3								10.3					RTU-B39	45/3	32
33	- -	- - - -			10.3								10.3					- - - -	- -	34
35	- -	- - - -			10.3								10.3					- - - -	- -	36
37	45/3	RTU-B23			10.3								0.6					OVERHEAD MOTORIZED DOOR	15/3	38
39	- -	- - - -			10.3								0.6					- - - -	- -	40
41	- -	- - - -			10.3								0.6					- - - -	- -	42
		SECTION 2																SECTION 2		
43	20/1	SPARE															1.5	WATER JACKET HEATER	30/2	44
45	20/1	SPARE															1.5	- - - -	- -	46
47	20/1	SPARE															1.5	WATER JACKET HEATER	30/2	48
49	20/1	SPARE															1.5	- - - -	- -	50
51		SPACE																SPARE	20/1	52
53		SPACE																SPARE	20/1	54
55		SPACE																SPARE	20/1	56
57		SPACE																SPARE	20/1	58
59		SPACE																SPACE		60
LIGHTING (KVA):		0.0	0.0	0.0	103.5	0.0	0.0	0.0	0.0		0.0	0.0	186.3	0.0	0.0	0.0	6.0	CONNECTED LOAD (KVA):	295.8	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	295.8	
MOTORS (KVA):		289.8							PHASE A	100	359.6									
A/C (KVA):		0.0							PHASE B	98	354.2							CONNECTED LOAD (AMPS):	355.8	
HEATING (KVA):		0.0							PHASE C	98	354.2							DEMAND LOAD (AMPS):	355.8	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		6.0																AMPACITY REQUIRED:	355.8	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA3M"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 12,026

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	15/3	HVLS-A3			0.9								7.5					TRASH COMPACTOR (20HP)	50/3	2
3	- -	- - - -			0.9								7.5					- - - -	- -	4
5	- -	- - - -			0.9								7.5					- - - -	- -	6
7	15/3	HVLS-A4			0.9								34.4					BAILER (100HP)	200/3	8
9	- -	- - - -			0.9								34.4					- - - -	- -	10
11	- -	- - - -			0.9								34.4					- - - -	- -	12
13	15/3	HVLS-A6			0.9										3.0			EWH-A1 (WALL HEATER)	20/1	14
15	- -	- - - -			0.9								10.3					RTU-B7	45/3	16
17	- -	- - - -			0.9								10.3					- - - -	- -	18
19	15/3	HVLS-A7			0.9								10.3					- - - -	- -	20
21	- -	- - - -			0.9								10.3					RTU-B13	45/3	22
23	- -	- - - -			0.9								10.3					- - - -	- -	24
25	15/3	HVLS-A10			0.9								10.3					- - - -	- -	26
27	- -	- - - -			0.9								10.3					RTU-B14	45/3	28
29	- -	- - - -			0.9								10.3					- - - -	- -	30
31	45/3	RTU-B5			10.3								10.3					- - - -	- -	32
33	- -	- - - -			10.3								10.3					RTU-B15	45/3	34
35	- -	- - - -			10.3								10.3					- - - -	- -	36
37	45/3	RTU-B6			10.3								10.3					- - - -	- -	38
39	- -	- - - -			10.3													SPACE		40
41	- -	- - - -			10.3													SPACE		42
		SECTION 2																SECTION 2		
43		SPACE																SPARE	20/1	44
45		SPACE																SPARE	20/1	46
47		SPACE																SPARE	20/1	48
49		SPACE																SPARE	20/1	50
51		SPACE																SPARE	20/1	52
53		SPACE																SPARE	20/1	54
55		SPACE																SPACE		56
57		SPACE																SPACE		58
59		SPACE																SPACE		60
61		SPACE																SPACE		62
LIGHTING (KVA):		0.0	0.0	0.0	75.6	0.0	0.0	0.0	0.0		0.0	0.0	248.5	0.0	3.0	0.0	0.0	CONNECTED LOAD (KVA):	327.1	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	327.1	
MOTORS (KVA):		324.1							PHASE A	111	400.9									
A/C (KVA):		0.0							PHASE B	108	390.0							CONNECTED LOAD (AMPS):	393.5	
HEATING (KVA):		3.0							PHASE C	108	390.0							DEMAND LOAD (AMPS):	393.5	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	393.5	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA4M"

MAIN: 400A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 9,793

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	15/3	HVLS-A8			0.9								13.9					RTU-C4	60/3	2
3	- -	- - - -			0.9								13.9					- - - -	- -	4
5	- -	- - - -			0.9								13.9					- - - -	- -	6
7	15/3	HVLS-A11			0.9										2.8			EWH-3 (WATER HEATER)	15/3	8
9	- -	- - - -			0.9										2.8			- - - -	- -	10
11	- -	- - - -			0.9										2.8			- - - -	- -	12
13	45/3	RTU-B8			10.3								0.6					OVERHEAD MOTORIZED DOOR	15/3	14
15	- -	- - - -			10.3								0.6					- - - -	- -	16
17	- -	- - - -			10.3								0.6					- - - -	- -	18
19	45/3	RTU-B16			10.3													SPARE	20/1	20
21	- -	- - - -			10.3													SPARE	20/1	22
23	- -	- - - -			10.3													SPARE	20/1	24
25	60/3	RTU-C1			13.9													SPARE	20/1	26
27	- -	- - - -			13.9													SPACE		28
29	- -	- - - -			13.9													SPACE		30
31	60/3	RTU-C2			13.9													SPACE		32
33	- -	- - - -			13.9													SPACE		34
35	- -	- - - -			13.9													SPACE		36
37	60/3	RTU-C3			13.9													SPACE		38
39	- -	- - - -			13.9													SPACE		40
41	- -	- - - -			13.9													SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	191.9	0.0	0.0	0.0	0.0		0.0	0.0	43.4	0.0	8.5	0.0	0.0	CONNECTED LOAD (KVA):	243.8	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	243.8	
MOTORS (KVA):		235.3							PHASE A	81	293.3									
A/C (KVA):		0.0							PHASE B	81	293.3							CONNECTED LOAD (AMPS):	293.2	
HEATING (KVA):		8.5							PHASE C	81	293.3							DEMAND LOAD (AMPS):	293.2	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	293.2	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND

EHA2	EHA3	HA2M
ELA1	HA1M	
HA3M	HA4M	

6/14/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM 7-31-13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
⚠	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-602

FOR CONSTRUCTION

PANELBOARD SCHEDULE - "HA1"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 42,989

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	LTG - WAREHOUSE	2.4							A	0.5							LTG - PUMP HOUSE	20/1	2
3	- -	- - - -	2.4							B	1.1							LTG-EXTERIOR POLE	20/2	4
5	20/2	LTG - WAREHOUSE	2.4							C	1.1							- - - -	- -	6
7	- -	- - - -	2.4							A	1.1							LTG-EXTERIOR POLE	20/2	8
9	20/2	LTG - WAREHOUSE	2.4							B	1.1							- - - -	- -	10
11	- -	- - - -	2.4							C	0.6							LTG-EXTERIOR POLE	20/2	12
13	20/2	LTG - WAREHOUSE	2.2							A	0.6							- - - -	- -	14
15	- -	- - - -	2.2							B	1.7							LTG-EXTERIOR POLE	20/2	16
17	20/2	LTG - WAREHOUSE	3.7							C	1.7							- - - -	- -	18
19	- -	- - - -	3.7							A	1.1							LTG-EXTERIOR WALL	20/2	20
21	20/2	LTG - WAREHOUSE	2.9							B	1.1							- - - -	- -	22
23	- -	- - - -	2.9							C	1.7							LTG-EXTERIOR POLE	20/2	24
25	20/2	LTG - WAREHOUSE	2.9							A	1.7							- - - -	- -	26
27	- -	- - - -	2.9							B					5.0			EUH-P1	25/1	28
29	20/2	LTG - WAREHOUSE	3.7							C								SPARE	20/1	30
31	- -	- - - -	3.7							A								SPARE	20/1	32
33		SPACE								B								SPARE	20/1	34
35		SPACE								C								SPARE	20/1	36
37		SPACE								A	0.0	3.8	3.6	0.0	0.0	0.0	0.0	DT-LA1	70/3	38
39		SPACE								B	0.0	3.2	1.6	0.0	0.0	0.0	1.7	- - - -	- -	40
41		SPACE								C	0.8	2.5	2.9	0.0	0.0	0.0	1.0	- - - -	- -	42
LIGHTING (KVA):		60.5	44.9	0.0	0.0	0.0	0.0	0.0	0.0		15.6	9.5	8.1	0.0	5.0	0.0	2.7	CONNECTED LOAD (KVA):	85.8	
RECEPTACLES (KVA):		9.5																DEMAND LOAD (KVA):	85.8	
MOTORS (KVA):		8.1							PHASE A	29	106.3									
A/C (KVA):		0.0							PHASE B	29	105.6							CONNECTED LOAD (AMPS):	103.2	
HEATING (KVA):		5.0							PHASE C	27	98.0							DEMAND LOAD (AMPS):	103.2	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		2.7																AMPACITY REQUIRED:	121.4	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA2"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 9,243

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	LTG - WAREHOUSE	2.7							A								SPARE	20/1	2
3	- -	- - - -	2.7							B								SPARE	20/1	4
5	20/2	LTG - WAREHOUSE	2.7							C								SPARE	20/1	6
7	- -	- - - -	2.7							A								SPARE	20/1	8
9	20/2	LTG - WAREHOUSE	2.9							B								SPACE		10
11	- -	- - - -	2.9							C								SPACE		12
13	20/2	LTG - WAREHOUSE	3.7							A								SPACE		14
15	- -	- - - -	3.7							B								SPACE		16
17	20/2	LTG - WAREHOUSE	2.9							C								SPACE		18
19	- -	- - - -	2.9							A								SPACE		20
21	20/2	LTG - WAREHOUSE	2.9							B								SPACE		22
23	- -	- - - -	2.9							C								SPACE		24
25		SPACE								A								SPACE		26
27		SPACE								B								SPACE		28
29		SPACE								C								SPACE		30
31		SPACE								A								SPACE		32
33		SPACE								B								SPACE		34
35		SPACE								C								SPACE		36
37		SPACE								A	0.0	2.9	3.7	0.0	0.0	0.0	0.5	DT-LA2	50/3	38
39		SPACE								B	0.0	2.5	2.9	0.0	0.0	0.0	0.0	----	--	40
41		SPACE								C	0.0	2.2	2.9	0.0	0.0	0.0	0.0	----	--	42
LIGHTING (KVA):		35.8	35.8	0.0	0.0	0.0	0.0	0.0	0.0		0.0	7.6	9.5	0.0	0.0	0.0	0.5	CONNECTED LOAD (KVA):	53.3	
RECEPTACLES (KVA):		7.6																DEMAND LOAD (KVA):	53.3	
MOTORS (KVA):		9.5							PHASE A	19	68.9									
A/C (KVA):		0.0							PHASE B	18	63.8							CONNECTED LOAD (AMPS):	64.1	
HEATING (KVA):		0.0							PHASE C	17	59.8							DEMAND LOAD (AMPS):	64.1	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:	74.9	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA3"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 18,808

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	LTG - WAREHOUSE	3.3							A								SPARE	20/1	2
3	- -	- - - -	3.3							B								SPARE	20/1	4
5	20/2	LTG - WAREHOUSE	2.6							C								SPARE	20/1	6
7	- -	- - - -	2.6							A								SPARE	20/1	8
9	20/2	LTG - WAREHOUSE	2.6							B								SPACE		10
11	- -	- - - -	2.6							C								SPACE		12
13	20/2	LTG - WAREHOUSE	2.6							A								SPACE		14
15	- -	- - - -	2.6							B								SPACE		16
17	20/2	LTG - WAREHOUSE	2.6							C								SPACE		18
19	- -	- - - -	2.6							A								SPACE		20
21	20/2	LTG - WAREHOUSE	2.6							B								SPACE		22
23	- -	- - - -	2.6							C								SPACE		24
25	20/2	LTG - WAREHOUSE	2.6							A								SPACE		26
27	- -	- - - -	2.6							B								SPACE		28
29	20/2	LTG - WAREHOUSE	2.6							C								SPACE		30
31	- -	- - - -	2.6							A								SPACE		32
33	20/2	LTG - WAREHOUSE	2.4							B								SPACE		34
35	- -	- - - -	2.4							C								SPACE		36
37		SPACE								A	0.0	2.9	0.0	0.0	0.0	0.0	0.5	DT-LA3	50/3	38
39		SPACE								B	0.0	2.5	0.0	0.0	0.0	0.0	0.5	----	--	40
41		SPACE								C	0.0	2.5	0.0	0.0	0.0	0.0	0.5	----	--	42
LIGHTING (KVA):		47.1	47.1	0.0	0.0	0.0	0.0	0.0	0.0		0.0	7.9	0.0	0.0	0.0	0.0	1.5	CONNECTED LOAD (KVA):	56.5	
RECEPTACLES (KVA):		7.9																DEMAND LOAD (KVA):	56.5	
MOTORS (KVA):		0.0							PHASE A	19	70.2									
A/C (KVA):		0.0							PHASE B	19	68.2							CONNECTED LOAD (AMPS):	68.0	
HEATING (KVA):		0.0							PHASE C	18	65.6							DEMAND LOAD (AMPS):	68.0	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.5																AMPACITY REQUIRED:	82.1	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HO1"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 13,387

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	LTG - OFFICE REST ROOM	2.9							A								SPARE	20/1	2
3	20/1	LTG - OFFICE HALL	2.0							B								SPARE	20/1	4
5	20/1	LTG - OFFICE TRAINING RM	2.3							C								SPARE	20/1	6
7	20/1	LTG - OFFICE	2.0							A								SPARE	20/1	8
9	20/1	LTG - OFFICE OPEN	2.8							B								SPACE		10
11	20/1	LTG - OFFICE	1.8							C								SPACE		12
13	20/1	LTG - OFFICE BREAKROOM	3.0							A								SPACE		14
15		SPACE								B								SPACE		16
17		SPACE								C								SPACE		18
19		SPACE								A								SPACE		20
21		SPACE								B								SPACE		22
23		SPACE								C								SPACE		24
25		SPACE								A								SPACE		26
27		SPACE								B								SPACE		28
29		SPACE								C								SPACE		30
31		SPACE								A	0.6	11.0	3.9	0.0	0.0	0.0	8.5	DT-LO1	125/3	32
33		SPACE								B	0.6	11.6	4.6	0.0	0.0	0.0	7.9	----	--	34
35		SPACE								C	0.0	12.2	3.6	0.0	0.0	0.0	11.4	----	--	36
37		SPACE								A	0.0	18.3	1.5	0.0	0.0	0.0	4.5	DT-LO2	125/3	38
39		SPACE								B	0.0	20.5	0.0	0.0	0.0	0.0	5.0	----	--	40
41		SPACE								C	0.8	20.6	0.5	0.0	0.0	0.0	5.5	----	--	42
LIGHTING (KVA):		18.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0		2.0	94.1	14.1	0.0	0.0	0.0	42.8	CONNECTED LOAD (KVA):	169.7	
RECEPTACLES (KVA):		94.1																DEMAND LOAD (KVA):	127.7	
MOTORS (KVA):		14.1							PHASE A	56	202.5									
A/C (KVA):		0.0							PHASE B	55	198.3							CONNECTED LOAD (AMPS):	204.1	
HEATING (KVA):		0.0							PHASE C	59	211.9							DEMAND LOAD (AMPS):	153.5	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		42.8																AMPACITY REQUIRED:	159.2	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LA1"

MAIN: 150A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 2,194

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	RECEPT - DOCK LEVELER			0.7					A		1.1						RECEPT - DOOR QUADS	20/1	2
3	20/1	RECEPT - DOCK LEVELER			0.7					B		0.7						RECEPT - DOOR QUADS	20/1	4
5	20/1	RECEPT - DOCK LEVELER			0.7					C		0.7						RECEPT - WAREHOUSE	20/1	6
7	20/1	RECEPT - DOCK LEVELER			0.7					A		0.7						RECEPT - WAREHOUSE	20/1	8
9	20/1	RECEPT - DOCK LEVELER			0.7					B		0.7						RECEPT - WAREHOUSE	20/1	10
11	20/1	RECEPT - DOCK LEVELER			0.7					C		0.7						RECEPT - WAREHOUSE	20/1	12
13	20/1	RECEPT - DOCK LEVELER			0.7					A								SPARE	20/1	14
15	20/1	SPARE								B		0.7						RECEPT - WAREHOUSE	20/1	16
17	20/1	SPARE								C	0.8							EXTERIOR SIGNAGE	20/1	18
19	20/1	SPARE								A		1.1						EXTERIOR RECEPTACLES	20/1	20
21	20/1	IDF-H							0.5	B							1.0	JOCKEY PUMP CONTROLLER	20/1	22
23	20/1	EF-B4			0.7					C							1.0	F/A ANNUNCIATOR PANEL	20/1	24
25	20/1	EF-B5			0.7					A		0.2						RECEPT-FIRE PUMP ROOM	20/1	26
27	20/1	RECEPT - WAREHOUSE		0.4						B			0.2					WL-P1 (FIRE PUMP ROOM)	20/1	28
29	20/1	RECEPT - WAREHOUSE		0.4						C			0.8					EF-P1	15/2	30
31	20/1	RECEPT - WAREHOUSE		0.4						A			0.8					- - - -	- -	32
33	20/1	RECEPT - WAREHOUSE		0.4						B							0.2	GEN. BATTERY CHARGER	20/1	34
35	20/1	RECEPT - WAREHOUSE		0.4						C								SPACE		36
37	20/1	RECEPT - WAREHOUSE		0.4						A								SPACE		38
39	20/1	RECEPT - WAREHOUSE		0.4						B								SPACE		40
41	20/1	RECEPT - WAREHOUSE		0.4						C								SPACE		42
LIGHTING (KVA):		0.8	0.0	2.9	6.3	0.0	0.0	0.0	0.5		0.8	6.7	1.8	0.0	0.0	0.0	2.2	CONNECTED LOAD (KVA):	21.1	
RECEPTACLES (KVA):		9.5																DEMAND LOAD (KVA):	21.1	
MOTORS (KVA):		8.1							PHASE A	7	61.5									
A/C (KVA):		0.0							PHASE B	7	54.5							CONNECTED LOAD (AMPS):	58.7	
HEATING (KVA):		0.0							PHASE C	7	60.2							DEMAND LOAD (AMPS):	58.7	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		2.7																AMPACITY REQUIRED:	59.2	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LA2"

MAIN: 100A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,357

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	RECEPT - DOCK LEVELER			0.7					A		1.4						RECEPT - DOOR QUADS	20/1	2
3	20/1	RECEPT - DOCK LEVELER			0.7					B		1.1						RECEPT - DOOR QUADS	20/1	4
5	20/1	RECEPT - DOCK LEVELER			0.7					C		0.7						RECEPT - WAREHOUSE	20/1	6
7	20/1	RECEPT - DOCK LEVELER			0.7					A		0.7						RECEPT - WAREHOUSE	20/1	8
9	20/1	RECEPT - DOCK LEVELER			0.7					B		0.7						RECEPT - WAREHOUSE	20/1	10
11	20/1	RECEPT - DOCK LEVELER			0.7					C		0.7						RECEPT - WAREHOUSE	20/1	12
13	20/1	RECEPT - DOCK LEVELER			0.7					A		0.7						RECEPT - WAREHOUSE	20/1	14
15	20/1	RECEPT - DOCK LEVELER			0.7					B		0.7						RECEPT - WAREHOUSE	20/1	16
17	20/1	RECEPT - DOCK LEVELER			0.7					C		0.7						RECEPT - WAREHOUSE	20/1	18
19	20/1	RECEPT - DOCK LEVELER			0.7					A							0.5	IDF - I	20/1	20
21	20/1	RECEPT - DOCK LEVELER			0.7					B								SPARE	20/1	22
23	20/1	RECEPT - DOCK LEVELER			0.7					C								SPARE	20/1	24
25	20/1	RECEPT - DOCK LEVELER			0.7					A								SPARE	20/1	26
27		SPACE								B								SPARE	20/1	28
29		SPACE								C								SPACE		30
31		SPACE								A								SPACE		32
33		SPACE								B								SPACE		34
35		SPACE								C								SPACE		36
37		SPACE								A								SPACE		38
39		SPACE								B								SPACE		40
41		SPACE								C								SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0		0.0	7.6	0.0	0.0	0.0	0.0	0.5	CONNECTED LOAD (KVA):	17.6	
RECEPTACLES (KVA):		7.6																DEMAND LOAD (KVA):	17.6	
MOTORS (KVA):		9.5							PHASE A	7	58.6									
A/C (KVA):		0.0							PHASE B	5	45.3							CONNECTED LOAD (AMPS):	48.7	
HEATING (KVA):		0.0							PHASE C	5	42.3							DEMAND LOAD (AMPS):	48.7	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:	48.7	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LA3"

MAIN: 100A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,383

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	IDF-A							0.5	A		0.7						RECEPT - WAREHOUSE	20/1	2
3	20/1	IDF-B							0.5	B		0.7						RECEPT - WAREHOUSE	20/1	4
5	20/1	IDF-F							0.5	C		0.7						RECEPT - WAREHOUSE	20/1	6
7		SPACE								A		0.7						RECEPT - WAREHOUSE	20/1	8
9		SPACE								B		0.7						RECEPT - WAREHOUSE	20/1	10
11		SPACE								C		0.7						RECEPT - WAREHOUSE	20/1	12
13		SPACE								A		0.7						RECEPT - WAREHOUSE	20/1	14
15		SPACE								B		0.4						RECEPT - WAREHOUSE	20/1	16
17		SPACE								C		0.4						RECEPT - WAREHOUSE	20/1	18
19		SPACE								A		0.4						RECEPT - WAREHOUSE	20/1	20
21		SPACE								B		0.4						RECEPT - WAREHOUSE	20/1	22
23		SPACE								C		0.4						RECEPT - WAREHOUSE	20/1	24
25		SPACE								A		0.4						RECEPT - WAREHOUSE	20/1	26
27		SPACE								B		0.4						RECEPT - WAREHOUSE	20/1	28
29		SPACE								C		0.4						RECEPT - WAREHOUSE	20/1	30
31		SPACE								A								SPARE	20/1	32
33		SPACE								B								SPARE	20/1	34
35		SPACE								C								SPARE	20/1	36
37		SPACE								A								SPARE	20/1	38
39		SPACE								B								SPACE		40
41		SPACE								C								SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5		0.0	7.9	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	9.4	
RECEPTACLES (KVA):		7.9																DEMAND LOAD (KVA):	9.4	
MOTORS (KVA):		0.0							PHASE A	3	28.2									
A/C (KVA):		0.0							PHASE B	3	25.2							CONNECTED LOAD (AMPS):	26.1	
HEATING (KVA):		0.0							PHASE C	3	25.2							DEMAND LOAD (AMPS):	26.1	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.5																AMPACITY REQUIRED:	26.1	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LA4"

MAIN: 150A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,640

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	IDF-J							0.5	A		0.4						RECEPT - WAREHOUSE	20/1	2
3	20/1	IDF-E							0.5	B		0.4						RECEPT - WAREHOUSE	20/1	4
5	20/1	RECEPT - RECEIVING OFFICE		0.5						C		0.4						RECEPT - WAREHOUSE	20/1	6
7	20/1	RECEPT - RECEIVING OFFICE		0.5						A		0.4						RECEPT - WAREHOUSE	20/1	8
9	20/1	RECEPT - RECEIVING OFFICE		0.4						B		0.4						RECEPT - WAREHOUSE	20/1	10
11	30/1	RECEPT - BATTERY WASH		2.0						C		0.4						RECEPT - WAREHOUSE	20/1	12
13	30/1	RECEPT - BATTERY WASH		2.0						A		0.4						RECEPT - WAREHOUSE	20/1	14
15	30/1	RECEPT - BATTERY WASH		2.0						B		0.4						RECEPT - WAREHOUSE	20/1	16
17	30/1	RECEPT - BATTERY WASH		2.0						C		0.7						RECEPT - WAREHOUSE	20/1	18
19	20/1	PLUG MOLD		0.5						A		0.7						RECEPT - WAREHOUSE	20/1	20
21	20/1	PLUG MOLD		0.5						B		0.7						RECEPT - WAREHOUSE	20/1	22
23	20/1	PLUG MOLD		0.5						C		0.4						RECEPT - BATT. CHARGER	20/1	24
25	20/1	PLUG MOLD		0.5						A		0.4						RECEPT - BATT. CHARGER	20/1	26
27	20/1	PLUG MOLD		0.5						B		0.4						RECEPT - BATT. CHARGER	20/1	28
29	20/1	PLUG MOLD		0.5						C		0.4						RECEPT - BATT. CHARGER	20/1	30
31	20/1	PLUG MOLD		0.5						A		0.4						RECEPT - BATT. CHARGER	20/1	32
33	20/1	PLUG MOLD		0.5						B		0.4						RECEPT - BATT. CHARGER	20/1	34
35	25/2	AHU-2			0.4		2.2			C		0.4						RECEPT - BATT. CHARGER	20/1	36
37	- -	- - - -			0.4		2.2			A	0.3							RECEIVING OFFICE B01	20/1	38
39	15/2	HPU-2				0.9				B		0.2						RECEPT-ROOF	20/1	40
41	- -	- - - -				0.9				C								SPARE	20/1	42
		SECTION 2																SECTION 2		
43		SPACE								A								SPARE	20/1	44
45		SPACE								B								SPARE	20/1	46
47		SPACE								C								SPARE	20/1	48
49		SPACE								A								SPACE		50
51		SPACE								B								SPACE		52
53		SPACE								C								SPACE		54
55		SPACE								A								SPACE		56
57		SPACE								B								SPACE		58
59		SPACE								C								SPACE		60
LIGHTING (KVA):		0.3	0.0	13.8	0.8	1.9	4.4	0.0	1.0		0.3	8.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	30.2	
RECEPTACLES (KVA):		21.8																DEMAND LOAD (KVA):	24.3	
MOTORS (KVA):		0.8							PHASE A	10	85.0									
A/C (KVA):		1.9							PHASE B	8	68.3							CONNECTED LOAD (AMPS):	83.7	
HEATING (KVA):		4.4							PHASE C	12	98.0							DEMAND LOAD (AMPS):	67.4	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.0																AMPACITY REQUIRED:	67.6	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND

HA1	HA2	HA3
HO1	LA1	LA2
LA3	LA4	

MACGREGOR ASSOCIATES ARCHITECTS
2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM 7-31-13

CONSULTANT
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods
DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE: 07/31/2013
PROJECT NO: 2013-018

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

SHEET NUMBER: E-603

FOR CONSTRUCTION

6/14/2013 11:33:17 AM

PANELBOARD SCHEDULE - "LO1"

MAIN: 250A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 2,878

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	REC - BREAKROOM A59		0.7								0.2						REC - SINGLE	20/1	2
3	20/1	REC - BREAKROOM A59		0.7								0.5						REC - EXTERIOR OFFICE	20/1	4
5	20/1	REC - BREAKROOM A59		0.5								0.2						BREAKROOM VENDING A59	20/1	6
7	20/1	REC - BREAKROOM A59		0.5								0.2						BREAKROOM VENDING A59	20/1	8
9	20/1	REC - BREAKROOM A59		0.5								0.2						BREAKROOM VENDING A59	20/1	10
11	20/1	PROJECTOR & SCREEN A59		0.5	0.5							0.2						BREAKROOM VENDING A59	20/1	12
13	20/1	PROJECTOR & SCREEN A59		0.5	0.5							0.2						BREAKROOM VENDING A59	20/1	14
15	20/1	PROJECTOR & SCREEN A59		0.5	0.5							0.2						BREAKROOM VENDING A59	20/1	16
17	20/1	MICROWAVE BREAKROOM A59		0.8								0.2						BREAKROOM VENDING A59	20/1	18
19	20/1	MICROWAVE BREAKROOM A59		0.8								0.2						REC - REFRIGERATOR A57	20/1	20
21	20/1	MICROWAVE BREAKROOM A59		0.8								0.2						REC - REFRIGERATOR A57	20/1	22
23	20/1	MICROWAVE BREAKROOM A59		0.8								0.2						REC - REFRIGERATOR A57	20/1	24
25	20/1	MICROWAVE BREAKROOM A59		0.8								0.2						REC - REFRIGERATOR A57	20/1	26
27	20/1	COUNTER RECEPTACLE A59							1.0			0.2						REC - REFRIGERATOR A57	20/1	28
29	20/1	COUNTER RECEPTACLE A59							1.0			0.2						REC - REFRIGERATOR A57	20/1	30
31	20/1	COUNTER RECEPTACLE A59							1.0			0.2						BREAKROOM VENDING A59	20/1	32
33	20/1	MICROWAVE GALLEY 2 A58		0.8								0.2						BREAKROOM VENDING A59	20/1	34
35	20/1	MICROWAVE GALLEY 2 A58		0.8								0.2						BREAKROOM VENDING A59	20/1	36
37	20/1	MICROWAVE GALLEY 2 A58		0.8								0.2						BREAKROOM VENDING A59	20/1	38
39	20/1	MICROWAVE GALLEY 2 A58		0.8								0.2						BREAKROOM VENDING A59	20/1	40
41	20/1	MICROWAVE GALLEY 2 A58		0.8								0.2						BREAKROOM VENDING A59	20/1	42
		SECTION 2																SECTION 2		
43	20/1	COUNTER RECEPTACLE A58							1.0			0.2						BREAKROOM VENDING A59	20/1	44
45	15/2	ICE MAKER							0.9								0.5	HAND DRYER RR A22	20/1	46
47	- -	- - - -							0.9			0.5					2.0	BATHROOM A21/A22	20/1	48
49	20/1	COUNTER RECEPTACLE A58							1.0								0.5	HAND DRYER RR A21	20/1	50
51	20/1	COUNTER RECEPTACLE A58							1.0				1.0					HALL WATER FOUNTAIN A24	20/1	52
53	20/1	COUNTER RECEPTACLE A58							1.0								1.0	COUNTER RECEPTACLE A19	20/1	54
55	20/1	HALL WATER FOUNTAIN A55			0.5												1.0	COUNTER RECEPTACLE A19	20/1	56
57	20/1	MICROWAVE GALLEY 2 A58		0.8													1.0	COUNTER RECEPTACLE A19	20/1	58
59	20/1	MICROWAVE GALLEY 2 A58		0.8								0.2						REFRIGERATOR COFFEE A19	20/1	60
61	20/1	MICROWAVE GALLEY 2 A58		0.8								0.2						REFRIGERATOR COFFEE A19	20/1	62
63	20/1	MICROWAVE GALLEY 2 A58		0.8													1.0	COUNTER RECEPTACLE A20	20/1	64
65	20/1	MICROWAVE GALLEY 2 A58		0.8								0.2						MAIL/WORK ROOM RECEPT.	20/1	66
67	20/1	MICROWAVE GALLEY 1 A58		0.8													2.0	COUNTER RECEPTACLE A20	20/1	68
69	20/1	MICROWAVE GALLEY 1 A58		0.8								0.5						OFFICE A17/A18 REC	20/1	70
71	20/1	MICROWAVE GALLEY 1 A58		0.8								1.3						OFFICE A15/A16 REC	20/1	72
73	20/1	MICROWAVE GALLEY 1 A58		0.8								1.1						OFFICE A12/GM A13 REC	20/1	74
75	20/1	MICROWAVE GALLEY 1 A58		0.8								1.1						OFFICE A10/A11/A12 REC	20/1	76
77	20/1	MICROWAVE GALLEY 1 A58		0.8								0.7						SUPERVISORS A28 REC	20/1	78
79	20/1	MICROWAVE GALLEY 1 A58		0.8								0.9						MEETING A26/A27 REC	20/1	80
81	20/1	MICROWAVE GALLEY 1 A58		0.8								0.2						CONFERENCE A25 REC	20/1	82
83	20/1	COUNTER RECEPTACLE A56							1.0								2.0	COUNTER REC. CONF. A25	20/1	84
		SECTION 3																SECTION 3		
85	15/2	RTU-3			1.1						0.6							LTG - ENTRANCE	20/1	86
87	- -	- - - -			1.1						0.6							LTG - CANOPY	20/1	88
89	15/2	RTU-4			1.1							0.6						CEILING FANS	20/1	90
91	- -	- - - -			1.1												0.5	HAND DRYER	20/1	92
93	15/2	CU-1			1.4												0.5	HAND DRYER	20/1	94
95	- -	- - - -			1.4												0.5	HAND DRYER	20/1	96
97	20/1	EF-6			0.7												0.5	HAND DRYER	20/1	98
99	20/1	EF-7			0.7												0.5	HAND DRYER	20/1	100
101	20/1	EF-8			0.7												0.5	HAND DRYER	20/1	102
103	20/1	EF-9			0.1												0.5	HAND DRYER	20/1	104
105	20/1	HAND DRYER RR A21							0.5								0.5	HAND DRYER	20/1	106
107	20/1	HAND DRYER RR A22							0.5								0.5	HAND DRYER	20/1	108
109	20/1	SPARE															0.5	HAND DRYER	20/1	110
111	20/1	SPARE															0.5	HAND DRYER	20/1	112
113	20/1	SPARE															0.5	HAND DRYER	20/1	114
115	20/1	SPARE																SPARE	20/1	116
117	20/1	SPARE																SPARE	20/1	118
119	20/1	SPARE																SPARE	20/1	120
121	20/1	SPARE																SPARE	20/1	122
123	20/1	SPARE																		124
125																				126
LIGHTING (KVA):		1.2	0.0	23.0	11.1	0.0	0.0	0.0	10.8		1.2	11.8	1.0	0.0	0.0	0.0	17.0	CONNECTED LOAD (KVA):	75.8	
RECEPTACLES (KVA):		34.7																DEMAND LOAD (KVA):	63.4	
MOTORS (KVA):		12.1							PHASE A	24	199.5									
A/C (KVA):		0.0							PHASE B	25	205.7							CONNECTED LOAD (AMPS):	210.4	
HEATING (KVA):		0.0							PHASE C	27	226.5							DEMAND LOAD (AMPS):	176.1	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		27.8																AMPACITY REQUIRED:	176.9	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LO2"

MAIN: 250A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 2,878

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	COUNTER RECEPTACLE A56							1.0			1.0	1.0					PROJECTOR & SCREEN A25	20/1	2
3	20/1	MICROWAVE GALLEY 1 A58		0.8								0.7						CONFERENCE A25 REC	20/1	4
5	20/1	MICROWAVE GALLEY 1 A58		0.8								0.5	0.5					PROJECTOR & SCREEN A32	20/1	6
7	20/1	COUNTER RECEPTACLE A56							1.0			0.9						RECEPT. A32/A33	20/1	8
9	20/1	COUNTER RECEPTACLE A56							1.0			0.4						REC. PAYROLL ROOM A31	20/1	10
11	20/1	MEN B.R. A51 RECEPT.		1.1								0.4						REC. PAYROLL ROOM A31	20/1	12
13	20/1	MEN B.R. A51 RECEPT.		1.1								0.2						REC. PAYROLL ROOM A31	20/1	14
15	20/1	WOMEN B.R. A49 RECEPT.		1.1								1.3						REC. OFFICE A29/ ROOM A30	20/1	16
17	20/1	MEN B.R. A51 RECEPT.		1.1													1.0	COUNTER RECEPTACLE A28	20/1	18
19	20/1	WOMEN B.R. A49 RECEPT.		1.1													1.0	COUNTER RECEPTACLE A28	20/1	20
21	20/1	WOMEN B.R. A49 RECEPT.		1.1								1.3						HR OFFICE A08/ROOM A07	20/1	22
23	20/1	HAND DRYER A49/A50/A51							0.5			1.3						LOBBY A01/ APP WAIT A06	20/1	24
25	20/1	HAND DRYER A49/A50/A51							0.5			0.4						RECEPTION A05 RECEPT.	20/1	26
27	20/1	HAND DRYER A49/A50/A51							0.5			1.4						LOSS PREVENTION ROOM A04	20/1	28
29	20/1	RESTROOMS A49/A50		1.3								0.4						CONTROL ROOM A03 REC.	20/1	30
31	20/1	TRAINING ROOM PROJECTOR		0.5	0.5							0.4						CONTROL ROOM A03 REC.	20/1	32
33	20/1	TRAINING ROOM A47 REC.		0.4					3.0			0.2						CONTROL ROOM A03 REC.	20/1	34
35	20/1	TRAINING ROOM A47 REC.		0.4					3.0			0.5						CONTROL ROOM A03 REC.	20/1	36
37	20/1	TRACK RECEPTACLE A47		1.6								0.5						CONTROL ROOM A03 REC.	20/1	38
39	20/1	TRACK RECEPTACLE A47		1.6								0.4						CONTROL ROOM A03 REC.	20/1	40
41	20/1	TRACK RECEPTACLE A47		1.6								0.4						CONTROL ROOM A03 REC.	20/1	42
		SECTION 2																SECTION 2		
43	20/1	TRACK RECEPTACLE A47		1.6								0.8						MODULAR FURNITURE	20/1	44
45	20/1	TRACK RECEPTACLE A47		1.6								0.8						MODULAR FURNITURE	20/1	46
47	20/1	TRACK RECEPTACLE A47		1.6								0.8						MODULAR FURNITURE	20/1	48
49	20/1	ROOM A39/A40/A45		1.1					1.0			0.8						MODULAR FURNITURE	20/1	50
51	20/1	NURSE REC. A43		0.5								0.8						MODULAR FURNITURE	20/1	52
53	20/1	A38/A41/A42/A43/A44 REC.		1.1					1.0			0.8						MODULAR FURNITURE	20/1	54
55	20/1	INTERVIEW ROOMS A36/A37		0.9								0.8						MODULAR FURNITURE	20/1	56
57	20/1	HAND DRYER A49							0.5			0.8						MODULAR FURNITURE	20/1	58
59	20/1	MODULAR FURNITURE		0.8								0.8						MODULAR FURNITURE	20/1	60
61	20/1	MODULAR FURNITURE		0.8								0.8						MODULAR FURNITURE	20/1	62
63	20/1	MODULAR FURNITURE		0.8								0.8						MODULAR FURNITURE	20/1	64
65	20/1	TELCO ROOM A02		0.4								0.8						MODULAR FURNITURE	20/1	66
67	20/1	TELCO ROOM A02		0.4								0.8						MODULAR FURNITURE	20/1	68
69	20/1	TELCO ROOM A02		0.2								0.8						MODULAR FURNITURE	20/1	70
71	20/1	TELCO ROOM A02		1.2								0.8						MODULAR FURNITURE	20/1	72
73	20/1	TELCO ROOM A02		0.2								0.8						MODULAR FURNITURE	20/1	74
75	20/1	TELCO ROOM A02		0.2								0.8						MODULAR FURNITURE	20/1	76
77	20/1	TELCO ROOM A02		0.4								0.8						MODULAR FURNITURE	20/1	78
79	20/1	RECEPT-ROOF		0.2								0.8						MODULAR FURNITURE	20/1	80
81	20/1	EXTERIOR RECEPTACLES		1.1								0.8						MODULAR FURNITURE	20/1	82
83	20/1	EXTERIOR SIGNAGE	0.8									0.8						MODULAR FURNITURE	20/1	84
		SECTION 3																SECTION 3		
85	20/1	SPARE																SPARE	20/1	86
87	20/1	SPARE																SPARE	20/1	88
89	20/1	SPARE																SPARE	20/1	90
91	20/1	SPARE																SPARE	20/1	92
93	20/1	SPARE																SPARE	20/1	94
95	20/1	SPARE																SPARE	20/1	96
97		SPACE																SPACE		98
99		SPACE																SPACE		100
101		SPACE																SPACE		102
103		SPACE																SPACE		104
105		SPACE																SPACE		106
LIGHTING (KVA):		0.8	0.8	30.4	0.5	0.0	0.0	0.0	13.0		0.0	29.1	1.5	0.0	0.0	0.0	2.0	CONNECTED LOAD (KVA):	77.2	
RECEPTACLES (KVA):		59.4																DEMAND LOAD (KVA):	52.5	
MOTORS (KVA):		2.0							PHASE A	24	202.8									
A/C (KVA):		0.0							PHASE B	25	212.3							CONNECTED LOAD (AMPS):	214.3	
HEATING (KVA):		0.0							PHASE C	27	228.3							DEMAND LOAD (AMPS):	145.7	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		15.0																AMPACITY REQUIRED:	146.3	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "MHE1"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 17,371

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1		PROPOSED LOAD			100.0													SPACE		2
3		PROPOSED LOAD			100.0													SPACE		4
5		PROPOSED LOAD			100.0													SPACE		6
7		SPACE																SPACE		8
9		SPACE																SPACE		10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
		SECTION 2																SECTION 2		
43		SPACE																SPACE		44
45		SPACE																SPACE		46
47		SPACE																SPACE		48
49		SPACE																SPACE		50
51		SPACE																SPACE		52
53		SPACE																SPACE		54
55		SPACE																SPACE		56
57		SPACE																SPACE		58
59		SPACE																SPACE		60
61		SPACE																SPACE		62
63		SPACE																SPACE		64
65		SPACE																SPACE		66
67		SPACE																SPACE		68
69		SPACE																SPACE		70
71		SPACE																SPACE		72
73		SPACE																SPACE		74
75		SPACE																SPACE		76
77		SPACE																SPACE		78
79		SPACE																SPACE		80
81		SPACE																SPACE		82
83		SPACE																SPACE		84
LIGHTING (KVA):		0.0	0.0	0.0	300.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	300.0	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	300.0	
MOTORS (KVA):		300.0							PHASE A	100	361.0									
A/C (KVA):		0.0							PHASE B	100	361.0							CONNECTED LOAD (AMPS):	360.8	
HEATING (KVA):		0.0							PHASE C	100	361.0							DEMAND LOAD (AMPS):	360.8	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	360.8	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "SHAMDF"

MAIN: 800A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 30,155

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	80/3	CRAC-3 (INTERIOR)				16.5												SPARE	20/1	2
3	- -	- - - -				16.5												SPACE		4
5	- -	- - - -				16.5												SPACE		6
7	15/3	CRAC-3 (EXTERIOR)				2.1												SPACE		8
9	- -	- - - -				2.1												SPACE		10
11	- -	- - - -				2.1												SPACE		12
13	80/3	CRAC-4 (INTERIOR)				16.5												SPACE		14
15	- -	- - - -				16.5												SPACE		16
17	- -	- - - -				16.5												SPACE		18
19	15/3	CRAC-4 (EXTERIOR)				2.1												SPACE		20
21	- -	- - - -				2.1												SPACE		22
23	- -	- - - -				2.1												SPACE		24
25	20/1	SPARE																SPACE		26
27	20/1	SPARE																SPACE		28
29	20/1	SPARE																SPACE		30
31	70/3	UPS SLAMDF																SPACE		32
33	- -	(BYPASS)																SPACE		34
35	- -	- - - -																SPACE		36
37	70/3	UPS SLAMDF	0.0	6.9	0.0	0.0	0.0	0.0	1.0									SPACE		38
39	- -	- - - -	0.0	7.5	0.0	0.0	0.0	0.0	0.0									SPACE		40
41	- -	- - - -	0.0	7.0	0.0	0.0	0.0	0.0	0.0									SPACE		42
LIGHTING (KVA):		0.0	0.0	21.4	0.0	111.6	0.0	0.0	1.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	134.0	
RECEPTACLES (KVA):		21.4																DEMAND LOAD (KVA):	128.3	
MOTORS (KVA):		0.0							PHASE A	45	162.8									
A/C (KVA):		111.6							PHASE B	45	161.3							CONNECTED LOAD (AMPS):	161.1	
HEATING (KVA):		0.0							PHASE C	44	159.5							DEMAND LOAD (AMPS):	154.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.0																AMPACITY REQUIRED:	154.3	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "SLAMDF"

MAIN: 150A MLO | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 2,173

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	2
3	- -	- - - -		0.3								0.3						- - - -	- -	4
5	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	6
7	- -	- - - -		0.3								0.3						- - - -	- -	8
9	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	10
11	- -	- - - -		0.3								0.3						- - - -	- -	12
13	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	14
15	- -	- - - -		0.3								0.3						- - - -	- -	16
17	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	18
19	- -	- - - -		0.3								0.3						- - - -	- -	20
21	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	22
23	- -	- - - -		0.3								0.3						- - - -	- -	24
25	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	26
27	- -	- - - -		0.3								0.3						- - - -	- -	28
29	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	30
31	- -	- - - -		0.3								0.3						- - - -	- -	32
33	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	34
35	- -	- - - -		0.3								0.3						- - - -	- -	36
37	30/2	SPC. REC. CEILING MOUNT		0.3								0.3						SPC. REC. CEILING MOUNT	30/2	38
39	- -	- - - -		0.3								0.3						- - - -	- -	40
41	20/1	SPARE																SPARE	20/1	42
		SECTION 2																SECTION 2		
43	20/2	SPC. REC. CEILING MOUNT		0.2								0.2						SPC. REC. WALL MOUNT	20/2	44
45	- -	- - - -		0.2								0.2						- - - -	- -	46
47	20/2	SPC. REC. CEILING MOUNT		0.2								0.2						SPC. REC. WALL MOUNT	20/2	48
49	- -	- - - -		0.2								0.2						- - - -	- -	50
51	20/2	SPC. REC. CEILING MOUNT		0.2								0.2						SPC. REC. WALL MOUNT	20/2	52
53	- -	- - - -		0.2								0.2						- - - -	- -	54
55	20/2	SPC. REC. CEILING MOUNT		0.2								0.2						SPC. REC. WALL MOUNT	20/2	56
57	- -	- - - -		0.2								0.2						- - - -	- -	58
59	20/2	SPC. REC. CEILING MOUNT		0.2								0.3						SPC. REC. WALL MOUNT	30/2	60
61	- -	- - - -		0.2								0.3						- - - -	- -	62
63	20/2	SPC. REC. CEILING MOUNT		0.2								0.3						SPC. REC. WALL MOUNT	30/2	64
65	- -	- - - -		0.2								0.3						- - - -	- -	66
67	20/2	SPC. REC. CEILING MOUNT		0.2								0.3						SPC. REC. WALL MOUNT	30/2	68
69	- -	- - - -		0.2								0.3						- - - -	- -	70
71	20/2	SPC. REC. CEILING MOUNT		0.2								0.3						SPC. REC. WALL MOUNT	30/2	72
73	- -	- - - -		0.2								0.3						- - - -	- -	74
75	20/1	COMPUTER ROOM A37 REC		0.4								0.7						CEILING RECEPTACLE A37	20/1	76
77	20/1	COMPUTER ROOM A37 REC		0.4								0.7						CEILING RECEPTACLE A37	20/1	78
79	20/1	BMS MONITOR							1.0									SPARE	20/1	80
81	20/1	SPARE																SPARE	20/1	82
83	20/1	SPARE																SPARE	20/1	84
LIGHTING (KVA):		0.0	0.0	9.9	0.0	0.0	0.0	0.0	1.0		0.0	11.4	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	22.4	
RECEPTACLES (KVA):		21.4																DEMAND LOAD (KVA):	16.7	
MOTORS (KVA):		0.0							PHASE A	8	65.8									
A/C (KVA):		0.0							PHASE B	7	62.3							CONNECTED LOAD (AMPS):	62.1	
HEATING (KVA):		0.0							PHASE C	7	58.2							DEMAND LOAD (AMPS):	46.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.0																AMPACITY REQUIRED:	46.3	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "MHE2"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 12,429

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1		PROPOSED LOAD			100.0													SPACE		2
3		PROPOSED LOAD			100.0													SPACE		4
5		PROPOSED LOAD			100.0													SPACE		6
7		SPACE																SPACE		8
9		SPACE																SPACE		10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
		SECTION 2																SECTION 2		
43		SPACE																SPACE		44
45		SPACE																SPACE		46
47		SPACE																SPACE		48
49		SPACE																SPACE		50
51		SPACE																SPACE		52
53		SPACE																SPACE		54
55		SPACE																SPACE		56
57		SPACE																SPACE		58
59		SPACE																SPACE		60
61		SPACE																SPACE		62
63		SPACE																SPACE		64
65		SPACE																SPACE		66
67		SPACE																SPACE		68
69		SPACE																SPACE		70
71		SPACE																SPACE		72
73		SPACE																SPACE		74
75		SPACE																SPACE		76
77		SPACE																SPACE		78
79		SPACE																SPACE		80
81		SPACE																SPACE		82
83		SPACE																SPACE		84
LIGHTING (KVA):		0.0	0.0	0.0	300.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	300.0	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	300.0	
MOTORS (KVA):		300.0							PHASE A	100	361.0									
A/C (KVA):		0.0							PHASE B	100	361.0							CONNECTED LOAD (AMPS):	360.8	
HEATING (KVA):		0.0							PHASE C	100	361.0							DEMAND LOAD (AMPS):	360.8	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	360.8	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND

LO1	LO2	MHE1
	SHAMDF	SLAMDF
MHE2		

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM 7-31-13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
⚠	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods
DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-604

FOR CONSTRUCTION

6/14/2013 11:33:17 AM

PANELBOARD SCHEDULE - "EHB1"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,739

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A	B	C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	EMER LTG - WAREHOUSE	2.2										0.5							TICKET ROOM	20/1	2
3	- -	- - - -	2.2																	SPARE	20/1	4
5	20/2	EMER LTG - WAREHOUSE	2.2																	SPARE	20/1	6
7	- -	- - - -	2.2																	SPARE	20/1	8
9		SPACE																		SPARE	20/1	10
11		SPACE																		SPACE		12
13		SPACE																		SPACE		14
15		SPACE																		SPACE		16
17		SPACE																		SPACE		18
19		SPACE																		SPACE		20
21		SPACE																		SPACE		22
23		SPACE																		SPACE		24
25		SPACE																		SPACE		26
27		SPACE																		SPACE		28
29		SPACE																		SPACE		30
31		SPACE																		SPACE		32
33		SPACE																		SPACE		34
35		SPACE																		SPACE		36
37		SPACE																		SPACE		38
39		SPACE																		SPACE		40
41		SPACE																		SPACE		42
LIGHTING (KVA):		9.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0				0.5	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):		9.3
RECEPTACLES (KVA):		0.0																		DEMAND LOAD (KVA):		9.3
MOTORS (KVA):		0.0								PHASE A	5		17.6									
A/C (KVA):		0.0								PHASE B	2		7.9							CONNECTED LOAD (AMPS):		11.1
HEATING (KVA):		0.0								PHASE C	2		7.9							DEMAND LOAD (AMPS):		11.1
KITCHEN (KVA):		0.0									KVA		AMPS									
MISCELLANEOUS (KVA):		0.0																		AMPACITY REQUIRED:		13.9

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LB1"

MAIN: 150A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,933

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A	B	C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	RECEPT - DOCK LEVELER			0.7									1.1						RECEPT- DOOR QUADS	20/1	2
3	20/1	RECEPT - DOCK LEVELER			0.7									1.1						RECEPT- DOOR QUADS	20/1	4
5	20/1	RECEPT - DOCK LEVELER			0.7									1.1						RECEPT- DOOR QUADS	20/1	6
7	20/1	RECEPT - DOCK LEVELER			0.7									1.4						RECEPT- DOOR QUADS	20/1	8
9	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	10
11	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	12
13	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	14
15	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	16
17	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	18
19	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	20
21	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	22
23	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	24
25	20/1	RECEPT - DOCK LEVELER			0.7									0.2						RECEPT - SINGLE	20/1	26
27	20/1	RECEPT - DOCK LEVELER			0.7								0.5							IDF-L	20/1	28
29	20/1	RECEPT - DOCK LEVELER			0.7								0.5							IDF-N	20/1	30
31	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	32
33	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	34
35	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	36
37	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	38
39	20/1	RECEPT - DOCK LEVELER			0.7									0.7						RECEPT - WAREHOUSE	20/1	40
41	20/1	RECEPT - DOCK LEVELER			0.7															SPARE	20/1	42
SECTION 2													SECTION 2									
43	20/1	RECEPT - DOCK LEVELER			0.7															SPARE	20/1	44
45	20/1	RECEPT - DOCK LEVELER			0.7															SPARE	20/1	46
47	20/1	RECEPT - DOCK LEVELER			0.7															SPARE	20/1	48
49	20/1	RECEPT - DOCK LEVELER			0.7															SPARE	20/1	50
51	20/1	RECEPT - DOCK LEVELER			0.7															SPARE	20/1	52
53	20/1	RECEPT - DOCK LEVELER			0.7															SPARE	20/1	54
55	20/1	RECEPT - DOCK LEVELER			0.7															SPARE	20/1	56
57	20/1	RECEPT - DOCK LEVELER			0.7															SPACE		58
59		SPACE																		SPACE		60
61		SPACE																		SPACE		62
63		SPACE																		SPACE		64
65		SPACE																		SPACE		66
67		SPACE																		SPACE		68
71		SPACE																		SPACE		72
73		SPACE																		SPACE		74
75		SPACE																		SPACE		76
77		SPACE																		SPACE		78
79		SPACE																		SPACE		80
81		SPACE																		SPACE		82
83		SPACE																		SPACE		84
LIGHTING (KVA):		0.0	0.0	0.0	20.3	0.0	0.0	0.0	0.0				0.0	14.2	0.0	0.0	0.0	0.0	1.0	CONNECTED LOAD (KVA):		35.5
RECEPTACLES (KVA):		14.2																		DEMAND LOAD (KVA):		33.4
MOTORS (KVA):		20.3								PHASE A	13		104.8									
A/C (KVA):		0.0								PHASE B	12		101.5							CONNECTED LOAD (AMPS):		98.6
HEATING (KVA):		0.0								PHASE C	11		89.7							DEMAND LOAD (AMPS):		92.7
KITCHEN (KVA):		0.0									KVA		AMPS									
MISCELLANEOUS (KVA):		1.0																		AMPACITY REQUIRED:		92.7

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB1M"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 13,701

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A	B	C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-A9			0.9										10.3					RTU-B28	45/3	2
3	- -	- - - -			0.9										10.3					- - - -	- -	4
5	- -	- - - -			0.9										10.3					- - - -	- -	6
7	15/3	HVLS-A13			0.9										10.3					RTU-B33	45/3	8
9	- -	- - - -			0.9										10.3					- - - -	- -	10
11	- -	- - - -			0.9										10.3					- - - -	- -	12
13	15/3	HVLS-A16			0.9										10.3					RTU-B34	45/3	14
15	- -	- - - -			0.9										10.3					- - - -	- -	16
17	- -	- - - -			0.9										10.3					- - - -	- -	18
19	15/3	HVLS-A17			0.9										10.3					RTU-B35	45/3	20
21	- -	- - - -			0.9										10.3					- - - -	- -	22
23	- -	- - - -			0.9										10.3					- - - -	- -	24
25	45/3	RTU-B25			10.3										10.3					RTU-B36	45/3	26
27	- -	- - - -			10.3										10.3					- - - -	- -	28
29	- -	- - - -			10.3										10.3					- - - -	- -	30
31	45/3	RTU-B26			10.3										10.3					RTU-B17	45/3	32
33	- -	- - - -			10.3										10.3					- - - -	- -	34
35	- -	- - - -			10.3										10.3					- - - -	- -	36
37	45/3	RTU-B27			10.3										10.3					RTU-B18	45/3	38
39	- -	- - - -			10.3										10.3					- - - -	- -	40
41	- -	- - - -			10.3										10.3					- - - -	- -	42
SECTION 2													SECTION 2									
43	45/3	RTU-B19			10.3															SPARE	20/1	44
45	- -	- - - -			10.3															SPARE	20/1	46
47	- -	- - - -			10.3															SPARE	20/1	48
49	45/3	RTU-B20			10.3															SPARE	20/1	50
51	- -	- - - -			10.3															SPARE	20/1	52
53	- -	- - - -			10.3															SPARE	20/1	54
55		SPACE																		SPACE		56
57		SPACE																		SPACE		58
59		SPACE																		SPACE		60
61		SPACE																		SPACE		62
63		SPACE																		SPACE		64
65		SPACE																		SPACE		66
67		SPACE																		SPACE		68
69		SPACE																		SPACE		70
71		SPACE																		SPACE		72
73		SPACE																		SPACE		74
75		SPACE																		SPACE		76
77		SPACE																		SPACE		78
79		SPACE																		SPACE		80
81		SPACE																		SPACE		82
83		SPACE																		SPACE		84
LIGHTING (KVA):		0.0	0.0	0.0	165.0	0.0	0.0	0.0	0.0				0.0	0.0	215.3	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):		380.3
RECEPTACLES (KVA):		0.0																		DEMAND LOAD (KVA):		380.3
MOTORS (KVA):		380.3								PHASE A	127		457.6									
A/C (KVA):		0.0								PHASE B	127		457.6							CONNECTED LOAD (AMPS):		457.4
HEATING (KVA):		0.0								PHASE C	127		457.6							DEMAND LOAD (AMPS):		457.4
KITCHEN (KVA):		0.0									KVA		AMPS									
MISCELLANEOUS (KVA):		0.0																		AMPACITY REQUIRED:		457.4

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LB8"

MAIN: 100A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,120

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A	B	C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/1	SPARE												0.7						RECEPT - WAREHOUSE	20/1	2
3	20/1	SPARE												0.7						RECEPT - WAREHOUSE	20/1	4
5	20/1	SPARE												0.7						RECEPT - WAREHOUSE	20/1	6
7	20/1	SPARE												0.7						RECEPT - WAREHOUSE	20/1	8
9		SPACE												0.7						RECEPT - WAREHOUSE	20/1	10
11		SPACE												0.7						RECEPT - WAREHOUSE	20/1	12
13		SPACE												0.7						RECEPT - WAREHOUSE	20/1	14
15		SPACE												0.7						RECEPT - WAREHOUSE	20/1	16
17		SPACE												0.7						RECEPT - WAREHOUSE	20/1	18
19		SPACE												0.7						RECEPT - WAREHOUSE	20/1	20
21		SPACE												0.7						RECEPT - WAREHOUSE	20/1	22
23		SPACE												0.7						RECEPT - WAREHOUSE	20/1	24
25		SPACE																		SPACE		26
27		SPACE																		SPACE		28
29		SPACE																		SPACE		30
31		SPACE																		SPACE		32
33		SPACE																		SPACE		34
35		SPACE																		SPACE		36
37		SPACE																		SPACE		38
39		SPACE																		SPACE		40
41		SPACE																		SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	8.6	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):		8.6
RECEPTACLES (KVA):		8.6																		DEMAND LOAD (KVA):		8.6
MOTORS (KVA):		0.0								PHASE A	3		24.0									
A/C (KVA):		0.0								PHASE B	3		24.0							CONNECTED LOAD (AMPS):		24.0
HEATING (KVA):		0.0								PHASE C	3		24.0							DEMAND LOAD (AMPS):		24.0
KITCHEN (KVA):		0.0									KVA		AMPS									
MISCELLANEOUS (KVA):		0.0																		AMPACITY REQUIRED:		24.0

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB1"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 6,059

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A	B	C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	LTG - WAREHOUSE	2.7										2.6							LTG EXTERIOR WALL	20/2	2
3	- -	- - - -	2.7										2.6							- - - -	- -	4
5	20/2	LTG - WAREHOUSE	2.7										2.8							LTG EXTERIOR WALL	20/2	6
7	- -	- - - -	2.7										2.8							- - - -	- -	8
9	20/2	LTG - WAREHOUSE	2.7										1.7							LTG EXTERIOR POLE	20/2	10
11	- -	- - - -	2.7										1.7							- - - -	- -	12
13	20/2	LTG - WAREHOUSE	2.7										1.7							TICKET ROOM	20/1	14
15	- -	- - - -	2.7																	SPARE	20/1	16
17	20/2	LTG - WAREHOUSE	2.4																	SPARE	20/1	18
19	- -	- - - -	2.4																	SPARE	20/1	20
21	20/2	LTG - WAREHOUSE	3.7																	SPARE	20/1	22
23	- -	- - - -	3.7																	SPACE		24
25	20/2	LTG - WAREHOUSE	2.9																	SPACE		26
27	- -	- - - -	2.9																	SPACE		28
29	20/2	LTG - WAREHOUSE	2.9																	SPACE		30
31	- -	- - - -	2.9																	SPACE		32
33	20/2	LTG - WAREHOUSE	3.7																	SPACE		34
35	- -	- - - -	3.7																	SPACE		36
37	20/2	LTG - WAREHOUSE	2.9										0.0	5.6	7.0	0.0	0.0	0.0	0.0	DT-LB1	70/3	38
39	- -	- - - -	2.9										0.0	4.7	7.0	0.0	0.0	0.0	0.5	- - - -	- -	40
41		SPACE											0.0	4.0	6.3	0.0	0.0	0.0	0.5	- - - -	- -	42
LIGHTING (KVA):		74.5	58.8	0.0	0.0	0.0	0.0	0.0	0.0				15.7	14.2	20.3	0.0	0.0	0.0	1.0	CONNECTED LOAD (KVA):		110.0
RECEPTACLES (KVA):		14.2																		DEMAND LOAD (KVA):		107.9
MOTORS (KVA):		20.3								PHASE A	39		140.7									
A/C (KVA):		0.0								PHASE B	38		136.4							CONNECTED LOAD (AMPS):		132.3
HEATING (KVA):		0.0								PHASE C	33		120.0							DEMAND LOAD (AMPS):		129.8
KITCHEN (KVA):		0.0									KVA		AMPS									
MISCELLANEOUS (KVA):		1.0																		AMPACITY REQUIRED:		152.2

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND		
EHB1	HB1M	HB1
LB1	LB8	

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MALAK

7/31/13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-605

FOR CONSTRUCTION

6/24/2013 11:33:17 AM

SWITCHBOARD SCHEDULE - "MSB"

MAIN: 4000A MLO | VOLTAGE: 480/277 | PHASE 3 | WIRE: 4
MTG: FLOOR | AIC: 57,452

	CKT #	FRAME	TRIP	FUSE	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC
MAINS	M1		-			FUSIBLE MAIN #1							
		-	-	-	-	-							
		-	-	-	-	-							
	M2	200	-	150	3	FUSIBLE MAIN #2	22.1	0.0	0.0	0.0	0.0	0.0	0.0
		-	-	-	-	EMERG PANEL EDPB	15.8	0.0	0.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	1.8	0.0	0.0	0.0	0.0	0.0	0.0
	M3	3000	3000	-	3	BREAKER MAIN #3	0.0	0.0	555.0	0.0	15.0	0.0	158.3
		-	-	-	-	(TOTALED FROM	0.0	0.0	555.0	0.0	0.0	0.0	159.8
		-	-	-	-	DISTRIBUTION BELOW)	0.0	0.0	555.0	0.0	0.0	0.0	158.3
	CATEGORY LOAD SUBTOTALS						**39.7**	**0.0**	**###**	**0.0**	**15.0**	**0.0**	**###**
DISTRIBUTION	1			-		SPACE							
		-	-	-	-	-							
		-	-	-	-	-							
	2	250	225	-	3	PANEL BC3	0.0	0.0	0.0	0.0	0.0	0.0	34.9
		TIME	DELAY	RELAY	-	-	0.0	0.0	0.0	0.0	0.0	0.0	34.9
		-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	34.9
	3	400	400	-	3	PANEL BC4	0.0	0.0	0.0	0.0	0.0	0.0	58.2
		TIME	DELAY	RELAY	-	-	0.0	0.0	0.0	0.0	0.0	0.0	58.2
		-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	58.2
	4	400	400	-	3	PANEL BC5	0.0	0.0	0.0	0.0	0.0	0.0	58.2
		TIME	DELAY	RELAY	-	-	0.0	0.0	0.0	0.0	0.0	0.0	58.2
		-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	58.2
	5	600	600	-	3	PANEL MHE3	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
	6	600	600	-	3	PANEL MHE4	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
	7	600	600	-	3	PANEL MHE5	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	100.0	0.0	0.0	0.0	0.0
	8	400	400	-	3	PANEL MHE6	0.0	0.0	34.4	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	34.4	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	34.4	0.0	0.0	0.0	0.0
	9	100	50	-	3	DT-LBGH							5.5
		TIME	DELAY	RELAY	-	-							5.5
		-	-	-	-	-							5.5
	10	250	225	-	3	PANEL HB2M	0.0	0.0	48.4	0.0	3.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	48.4	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	48.4	0.0	0.0	0.0	0.0
	11	250	225	-	3	PANEL HB3M	0.0	0.0	48.4	0.0	3.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	48.4	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	48.4	0.0	0.0	0.0	0.0
	12	250	225	-	3	PANEL HB4M	0.0	0.0	39.0	0.0	3.0	0.0	1.5
		TIME	DELAY	RELAY	-	-	0.0	0.0	39.0	0.0	0.0	0.0	3.0
		-	-	-	-	-	0.0	0.0	39.0	0.0	0.0	0.0	1.5
	13	600	600	-	3	PANEL HB5M	0.0	0.0	84.8	0.0	6.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	0.0	0.0	84.8	0.0	0.0	0.0	0.0
		-	-	-	-	-	0.0	0.0	84.8	0.0	0.0	0.0	0.0
	14			-		SPACE							
		-	-	-	-	-							
		-	-	-	-	-							
	15	250	225	-	3	PANEL HB2	8.3	3.1	4.4	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	2.4	2.9	4.2	0.0	1.8	0.0	0.5
		-	-	-	-	-	3.3	2.9	3.5	0.0	2.8	0.0	0.0
	16	250	225	-	3	PANEL HB3	16.0	7.0	9.8	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	13.0	5.0	9.8	0.0	0.0	0.0	0.5
		-	-	-	-	-	11.8	5.0	9.8	0.0	0.0	0.0	0.5
	17	250	225	-	3	PANEL HB4	8.2	4.0	6.4	0.0	4.9	0.0	0.0
		TIME	DELAY	RELAY	-	-	2.8	2.9	6.2	0.9	1.8	0.0	0.0
		-	-	-	-	-	3.3	2.9	6.2	0.9	2.2	0.0	0.5
	18	250	225	-	3	PANEL HB5	12.7	6.6	9.8	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	7.5	6.1	9.8	0.0	0.0	0.0	0.5
		-	-	-	-	-	7.1	5.7	9.8	0.0	0.0	0.0	0.5
	19	250	225	-	3	PANEL HB6	10.1	4.7	7.7	0.0	1.8	0.0	0.7
		TIME	DELAY	RELAY	-	-	9.0	3.6	7.9	0.0	0.0	0.0	0.5
		-	-	-	-	-	7.8	3.1	7.0	0.0	2.8	0.0	0.0
	20	250	225	-	3	PANEL HB7	7.3	3.4	7.7	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	4.9	3.1	7.7	0.0	0.0	0.0	0.0
		-	-	-	-	-	4.7	2.5	7.0	0.0	0.0	0.0	0.5
	21	250	225	-	3	PANEL HB9	18.6	2.5	3.5	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	19.3	2.2	2.8	0.0	0.0	0.0	0.5
		-	-	-	-	-	17.5	1.4	2.8	0.0	0.0	0.0	0.0
	22	250	225	-	3	PANEL HA5	20.6	2.0	0.0	0.0	0.0	0.0	0.5
		TIME	DELAY	RELAY	-	-	23.4	1.4	1.2	0.0	0.0	0.0	0.5
		-	-	-	-	-	17.3	1.8	0.0	0.0	0.0	0.0	0.0
	23	250	225	-	3	PANEL HA6	20.3	3.0	2.1	0.0	1.8	0.0	1.5
		TIME	DELAY	RELAY	-	-	19.2	2.6	2.1	0.0	2.8	0.0	1.0
		-	-	-	-	-	17.6	2.4	2.1	0.0	0.0	0.0	0.0
	24	250	225	-	3	PANEL HA7	19.7	2.5	3.5	0.0	0.0	0.0	0.0
		TIME	DELAY	RELAY	-	-	19.4	2.9	2.8	0.0	0.0	0.0	0.0
		-	-	-	-	-	18.8	1.4	2.8	0.0	0.0	0.0	0.0

CONNECTED LOAD (KVA):	2196.1			
DEMAND LOAD (KVA):	2196.1	PHASE A	2709.1	750.4
		PHASE B	2637.4	730.6
CONNECTED LOAD (AMPS):	2641.5	PHASE C	2581.8	715.1
DEMAND LOAD (AMPS):	2641.5		AMPS	KVA
AMPACITY REQUIRED:	2653.4			

NOTES:
1. INSTALL SWITCHBOARD ON 3" HIGH CONCRETE PAD (LENGTH AND WIDTH EXCEEDING BASE BY 3" ON ALL SIDES.)

PANELBOARD SCHEDULE - "BC3"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 5,783

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	60/3	BATTERY CHARGER							11.6								SPARE	20/1	2
3	- -	- - - -							11.6								SPARE	20/1	4
5	- -	- - - -							11.6								SPARE	20/1	6
7	60/3	BATTERY CHARGER							11.6								SPARE	20/1	8
9	- -	- - - -							11.6								SPACE		10
11	- -	- - - -							11.6								SPACE		12
13	60/3	BATTERY CHARGER							11.6								SPACE		14
15	- -	- - - -							11.6								SPACE		16
17	- -	- - - -							11.6								SPACE		18
19		SPACE															SPACE		20
21		SPACE															SPACE		22
23		SPACE															SPACE		24
25		SPACE															SPACE		26
27		SPACE															SPACE		28
29		SPACE															SPACE		30
31		SPACE															SPACE		32
33		SPACE															SPACE		34
35		SPACE															SPACE		36
37		SPACE															SPACE		38
39		SPACE															SPACE		40
41		SPACE															SPACE		42
LIGHTING (KVA):	0.0		0.0	0.0	0.0	0.0	0.0	0.0	104.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	104.8	
RECEPTACLES (KVA):	0.0																DEMAND LOAD (KVA):	104.8	
MOTORS (KVA):	0.0							PHASE A	35	126.1									
A/C (KVA):	0.0							PHASE B	35	126.1							CONNECTED LOAD (AMPS):	126.0	
HEATING (KVA):	0.0							PHASE C	35	126.1							DEMAND LOAD (AMPS):	126.0	
KITCHEN (KVA):	0.0								KVA	AMPS									
MISCELLANEOUS (KVA):	104.8																AMPACITY REQUIRED:	126.0	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "BC4"

MAIN: 400A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 9,443

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	60/3	BATTERY CHARGER							11.6								SPARE	20/1	2
3	- -	- - - -							11.6								SPARE	20/1	4
5	- -	- - - -							11.6								SPARE	20/1	6
7	60/3	BATTERY CHARGER							11.6								SPARE	20/1	8
9	- -	- - - -							11.6								SPACE		10
11	- -	- - - -							11.6								SPACE		12
13	60/3	BATTERY CHARGER							11.6								SPACE		14
15	- -	- - - -							11.6								SPACE		16
17	- -	- - - -							11.6								SPACE		18
19	60/3	BATTERY CHARGER							11.6								SPACE		20
21	- -	- - - -							11.6								SPACE		22
23	- -	- - - -							11.6								SPACE		24
25	60/3	BATTERY CHARGER							11.6								SPACE		26
27	- -	- - - -							11.6								SPACE		28
29	- -	- - - -							11.6								SPACE		30
31		SPACE															SPACE		32
33		SPACE															SPACE		34
35		SPACE															SPACE		36
37		SPACE															SPACE		38
39		SPACE															SPACE		40
41		SPACE															SPACE		42
LIGHTING (KVA):	0.0		0.0	0.0	0.0	0.0	0.0	0.0	174.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	174.6	
RECEPTACLES (KVA):	0.0																DEMAND LOAD (KVA):	174.6	
MOTORS (KVA):	0.0							PHASE A	58	210.1									
A/C (KVA):	0.0							PHASE B	58	210.1							CONNECTED LOAD (AMPS):	210.0	
HEATING (KVA):	0.0							PHASE C	58	210.1							DEMAND LOAD (AMPS):	210.0	
KITCHEN (KVA):	0.0								KVA	AMPS									
MISCELLANEOUS (KVA):	174.6																AMPACITY REQUIRED:	210.0	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "BC5"

MAIN: 400A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 28,037

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	60/3	BATTERY CHARGER							11.6								SPARE	20/1	2
3	- -	- - - -							11.6								SPARE	20/1	4
5	- -	- - - -							11.6								SPARE	20/1	6
7	60/3	BATTERY CHARGER							11.6								SPARE	20/1	8
9	- -	- - - -							11.6								SPACE		10
11	- -	- - - -							11.6								SPACE		12
13	60/3	BATTERY CHARGER							11.6								SPACE		14
15	- -	- - - -							11.6								SPACE		16
17	- -	- - - -							11.6								SPACE		18
19	60/3	BATTERY CHARGER							11.6								SPACE		20
21	- -	- - - -							11.6								SPACE		22
23	- -	- - - -							11.6								SPACE		24
25	60/3	BATTERY CHARGER							11.6								SPACE		26
27	- -	- - - -							11.6								SPACE		28
29	- -	- - - -							11.6								SPACE		30
31		SPACE															SPACE		32
33		SPACE															SPACE		34
35		SPACE															SPACE		36
37		SPACE															SPACE		38
39		SPACE															SPACE		40
41		SPACE															SPACE		42
LIGHTING (KVA):	0.0		0.0	0.0	0.0	0.0	0.0	0.0	174.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	174.6	
RECEPTACLES (KVA):	0.0																DEMAND LOAD (KVA):	174.6	
MOTORS (KVA):	0.0							PHASE A	58	210.1									
A/C (KVA):	0.0							PHASE B	58	210.1							CONNECTED LOAD (AMPS):	210.0	
HEATING (KVA):	0.0							PHASE C	58	210.1							DEMAND LOAD (AMPS):	210.0	
KITCHEN (KVA):	0.0								KVA	AMPS									
MISCELLANEOUS (KVA):	174.6																AMPACITY REQUIRED:	210.0	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

DISTRIBUTION PANEL SCHEDULE - "EDPB"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE 3 | WIRE: 4
MTG: SURFACE | AIC: 42,607 | NOTES:

CKT #	FRAME	TRIP	FUSE	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC
1		-	50	3	DT-ELB1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2		-	100	3	PANEL EHA4	5.1	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	2.7	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	1.8	0.0	0.0	0.0	0.0	0.0	0.0
3		-	100	3	PANEL EHB2	4.7	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	3.5	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4		-	100	3	PANEL EHB3	4.7	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	3.7	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5		-	100	3	PANEL EHB4	4.3	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6		-	100	3	PANEL EHB5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	2.7	0.0	0.0	0.0	0.0	0.0	0.0
	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
8					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
9					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
10					SPACE							
	-	-	-	-	-							
	-	-	-	-	-							
						39.7	0.0	0.0	0.0	0.0	0.0	0.0

CONNECTED LOAD (KVA):	39.7			
DEMAND LOAD (KVA):	39.7	PHASE A	79.8	22.1
		PHASE B	56.9	15.8
CONNECTED LOAD (AMPS)	47.7	PHASE C	6.6	1.8
DEMAND LOAD (AMPS):	47.7		AMPS	KVA
AMPACITY REQUIRED:	59.6			

NOTES:

PANELBOARD SCHEDULE - "EHB2"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,631

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	EMER LTG - WAREHOUSE	2.9							1.8							EMER LTG - MEZZANINE	20/1	2
3	- -	SPACE	2.9							0.6							EMER LTG - EXIT SIGNS	20/1	4
5		SPACE															SPARE	20/1	6
7		SPACE															SPARE	20/1	8
9		SPACE															SPARE	20/1	10
11		SPACE															SPARE	20/1	12
13		SPACE															SPACE		14
15		SPACE															SPACE		16
17		SPACE															SPACE		18
19		SPACE															SPACE		20
21		SPACE															SPACE		22
23		SPACE															SPACE		24
25		SPACE															SPACE		26
27		SPACE															SPACE		28
29		SPACE															SPACE		30
31		SPACE															SPACE		32
33		SPACE															SPACE		34
35		SPACE															SPACE		36
37		SPACE															SPACE		38
39		SPACE															SPACE		40
41		SPACE															SPACE		42
LIGHTING (KVA):	8.3		5.8	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	8.3	
RECEPTACLES (KVA):	0.0																DEMAND LOAD (KVA):	8.3	
MOTORS (KVA):	0.0							PHASE A	5	17.1									
A/C (KVA):	0.0							PHASE B	4	12.7							CONNECTED LOAD (AMPS):	9.9	
HEATING (KVA):	0.0							PHASE C	0	0.0							DEMAND LOAD (AMPS):	9.9	
KITCHEN (KVA):	0.0								KVA	AMPS									
MISCELLANEOUS (KVA):	0.0																AMPACITY REQUIRED:	12.4	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "EHB3"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 2,589

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	EMER LTG - WAREHOUSE	2.9							1.8							EMER LTG - MEZZANINE	20/1	2
3	- -	- - - -	2.9							0.8							EMER LTG - EXIT SIGNS	20/1	4
5		SPACE															SPARE	20/1	6
7		SPACE															SPARE	20/1	8
9		SPACE															SPARE	20/1	10
11		SPACE															SPARE	20/1	12
13		SPACE															SPACE		14
15		SPACE															SPACE		16
17		SPACE															SPACE		18
19		SPACE															SPACE		20
21		SPACE															SPACE		22
23		SPACE															SPACE		24
25		SPACE															SPACE		26
27		SPACE															SPACE		28
29		SPACE															SPACE		30
31		SPACE															SPACE		32
33		SPACE															SPACE		34
35		SPACE															SPACE		36
37		SPACE															SPACE		38
39		SPACE															SPACE		40
41		SPACE															SPACE		42
LIGHTING (KVA):	8.4		5.8	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	8.4	
RECEPTACLES (KVA):	0.0																DEMAND LOAD (KVA):	8.4	
MOTORS (KVA):	0.0							PHASE A	5	17.1									
A/C (KVA):	0.0							PHASE B	4	13.3							CONNECTED LOAD (AMPS):	10.1	
HEATING (KVA):	0.0							PHASE C	0	0.0							DEMAND LOAD (AMPS):	10.1	
KITCHEN (KVA):	0.0								KVA	AMPS									
MISCELLANEOUS (KVA):	0.0																AMPACITY REQUIRED:	12.7	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND		
MSB	BC3	BC4
	BC5	EDPB
EHB2	EHB3	

6/14/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
⚠	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE: 07/31/2013
PROJECT NO: 2013-018

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

SHEET NUMBER: E-606

FOR CONSTRUCTION

PANELBOARD SCHEDULE - "EHB4"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 4,395

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	EMER LTG - WAREHOUSE	2.7								1.5							EMER LTG - MEZZANINE	20/1	2
3	- -	- - - -	2.7								0.3							EMER LTG - EXIT SIGNS	20/1	4
5		SPACE																SPARE	20/1	6
7		SPACE																SPARE	20/1	8
9		SPACE																SPARE	20/1	10
11		SPACE																SPARE	20/1	12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		7.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0		1.9	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	7.4	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	7.4	
MOTORS (KVA):		0.0							PHASE A	4	15.4									
A/C (KVA):		0.0							PHASE B	3	11.1							CONNECTED LOAD (AMPS):	8.8	
HEATING (KVA):		0.0							PHASE C	0	0.0							DEMAND LOAD (AMPS):	8.8	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	11.1	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "EHB5"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 21,671

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	EMER LTG - WAREHOUSE	2.7								0.4							EMER LTG - EXIT SIGNS	20/1	2
3	- -	- - - -	2.7															SPARE	20/1	4
5		SPACE																SPARE	20/1	6
7		SPACE																SPARE	20/1	8
9		SPACE																SPARE	20/1	10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		5.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0		0.4	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	5.9	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	5.9	
MOTORS (KVA):		0.0							PHASE A	3	11.4									
A/C (KVA):		0.0							PHASE B	3	9.9							CONNECTED LOAD (AMPS):	7.1	
HEATING (KVA):		0.0							PHASE C	0	0.0							DEMAND LOAD (AMPS):	7.1	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	8.9	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

FUSIBLE COORDINATION PANELBOARD SCHEDULE - "ELB1"

MAIN: 50A MF | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 647

CKT #	FUSE POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	FUSE POLE	CKT #
1	20/1	LTG-RESTROOMS E01/E02	0.1															SPARE	20/1	2
3		SPACE																SPARE	20/1	4
5		SPACE																SPARE	20/1	6
7		SPACE																SPARE	20/1	8
9		SPACE																SPACE		10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	0.1	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	0.1	
MOTORS (KVA):		0.0							PHASE A	0	0.8									
A/C (KVA):		0.0							PHASE B	0	0.0							CONNECTED LOAD (AMPS):	0.3	
HEATING (KVA):		0.0							PHASE C	0	0.0							DEMAND LOAD (AMPS):	0.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	0.3	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB2M"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 6,262

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-B14			0.6								8.9					RTU-A10	40/3	2
3	- -	- - - -			0.6								8.9					- - - -	- -	4
5	- -	- - - -			0.6								8.9					- - - -	- -	6
7	15/3	HVLS-B15			0.6								8.9					RTU-A11	40/3	8
9	- -	- - - -			0.6								8.9					- - - -	- -	10
11	- -	- - - -			0.6								8.9					- - - -	- -	12
13	15/3	HVLS-B16			0.6								8.9					RTU-A12	40/3	14
15	- -	- - - -			0.6								8.9					- - - -	- -	16
17	- -	- - - -			0.6								8.9					- - - -	- -	18
19	15/3	HVLS-B17			0.6								8.9					RTU-A13	40/3	20
21	- -	- - - -			0.6								8.9					- - - -	- -	22
23	- -	- - - -			0.6								8.9					- - - -	- -	24
25	15/3	HVLS-B18			0.6								8.9					RTU-A14	40/3	26
27	- -	- - - -			0.6								8.9					- - - -	- -	28
29	- -	- - - -			0.6								8.9					- - - -	- -	30
31	15/3	HVLS-B19			0.6										3.0			EWH-A2 (WALL HEATER)	20/1	32
33	- -	- - - -			0.6													SPARE	20/1	34
35	- -	- - - -			0.6													SPARE	20/1	36
37	15/3	HVLS-B20			0.6													SPARE	20/1	38
39	- -	- - - -			0.6													SPARE	20/1	40
41	- -	- - - -			0.6													SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0		0.0	0.0	133.1	0.0	3.0	0.0	0.0	CONNECTED LOAD (KVA):	148.2	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	148.2	
MOTORS (KVA):		145.2							PHASE A	51	185.6									
A/C (KVA):		0.0							PHASE B	48	174.8							CONNECTED LOAD (AMPS):	178.3	
HEATING (KVA):		3.0							PHASE C	48	174.8							DEMAND LOAD (AMPS):	178.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	178.3	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB3M"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 8,314

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-B7			0.6								8.9					RTU-A5	40/3	2
3	- -	- - - -			0.6								8.9					- - - -	- -	4
5	- -	- - - -			0.6								8.9					- - - -	- -	6
7	15/3	HVLS-B8			0.6								8.9					RTU-A6	40/3	8
9	- -	- - - -			0.6								8.9					- - - -	- -	10
11	- -	- - - -			0.6								8.9					- - - -	- -	12
13	15/3	HVLS-B9			0.6								8.9					RTU-A7	40/3	14
15	- -	- - - -			0.6								8.9					- - - -	- -	16
17	- -	- - - -			0.6								8.9					- - - -	- -	18
19	15/3	HVLS-B10			0.6								8.9					RTU-A8	40/3	20
21	- -	- - - -			0.6								8.9					- - - -	- -	22
23	- -	- - - -			0.6								8.9					- - - -	- -	24
25	15/3	HVLS-B11			0.6								8.9					RTU-A9	40/3	26
27	- -	- - - -			0.6								8.9					- - - -	- -	28
29	- -	- - - -			0.6								8.9					- - - -	- -	30
31	15/3	HVLS-B12			0.6										3.0			EWH-A3 (WALL HEATER)	20/1	32
33	- -	- - - -			0.6													SPARE	20/1	34
35	- -	- - - -			0.6													SPARE	20/1	36
37	15/3	HVLS-B13			0.6													SPARE	20/1	38
39	- -	- - - -			0.6													SPARE	20/1	40
41	- -	- - - -			0.6													SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0		0.0	0.0	133.1	0.0	3.0	0.0	0.0	CONNECTED LOAD (KVA):	148.2	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	148.2	
MOTORS (KVA):		145.2							PHASE A	51	185.6									
A/C (KVA):		0.0							PHASE B	48	174.8							CONNECTED LOAD (AMPS):	178.3	
HEATING (KVA):		3.0							PHASE C	48	174.8							DEMAND LOAD (AMPS):	178.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	178.3	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB4M"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 20,615

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-B1			0.6								8.9					RTU-A1	40/3	2
3	- -	- - - -			0.6								8.9					- - - -	- -	4
5	- -	- - - -			0.6								8.9					- - - -	- -	6
7	15/3	HVLS-B2			0.6								8.9					RTU-A2	40/3	8
9	- -	- - - -			0.6								8.9					- - - -	- -	10
11	- -	- - - -			0.6								8.9					- - - -	- -	12
13	15/3	HVLS-B3			0.6								8.9					RTU-A3	40/3	14
15	- -	- - - -			0.6								8.9					- - - -	- -	16
17	- -	- - - -			0.6								8.9					- - - -	- -	18
19	15/3	HVLS-B4			0.6								8.9					RTU-A4	40/3	20
21	- -	- - - -			0.6								8.9					- - - -	- -	22
23	- -	- - - -			0.6								8.9					- - - -	- -	24
25	15/3	HVLS-B5			0.6										3.0			EWH-4A (WALL HEATER)	20/1	26
27	- -	- - - -			0.6												1.5	WATER JACKET HEATER	30/2	28
29	- -	- - - -			0.6												1.5	- - - -	- -	30
31	15/3	HVLS-B6			0.6												1.5	WATER JACKET HEATER	30/2	32
33	- -	- - - -			0.6												1.5	- - - -	- -	34
35	- -	- - - -			0.6													SPARE	20/1	36
37		SPACE																SPARE	20/1	38
39		SPACE																SPARE	20/1	40
41		SPACE																SPARE	20/1	42
LIGHTING (KVA):		0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0		0.0	0.0	106.4	0.0	3.0	0.0	6.0	CONNECTED LOAD (KVA):	125.9	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	125.9	
MOTORS (KVA):		116.9							PHASE A	43	156.9									
A/C (KVA):		0.0							PHASE B	42	151.5							CONNECTED LOAD (AMPS):	151.4	
HEATING (KVA):		3.0							PHASE C	40	146.1							DEMAND LOAD (AMPS):	151.4	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		6.0																AMPACITY REQUIRED:	151.4	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB5M"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 29,509

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-A1			0.9								10.3					RTU-B9	45/3	2
3	- -	- - - -			0.9								10.3					- - - -	- -	4
5	- -	- - - -			0.9								10.3					- - - -	- -	6
7	15/3	HVLS-A2			0.9								10.3					RTU-B10	45/3	8
9	- -	- - - -			0.9								10.3					- - - -	- -	10
11	- -	- - - -			0.9								10.3					- - - -	- -	12
13	15/3	HVLS-A5			0.9								10.3					RTU-B11	45/3	14
15	- -	- - - -			0.9								10.3					- - - -	- -	16
17	- -	- - - -			0.9								10.3					- - - -	- -	18
19	45/3	RTU-B1			10.3								10.3					RTU-B12	45/3	20
21	- -	- - - -			10.3								10.3					- - - -	- -	22
23	- -	- - - -			10.3								10.3					- - - -	- -	24
25	45/3	RTU-B2			10.3										6.0			EWH-2 (WATER HEATER)	30/1	26
27	- -	- - - -			10.3													SPARE	20/1	28
29	- -	- - - -			10.3													SPARE	20/1	30
31	45/3	RTU-B3			10.3													SPARE	20/1	32
33	- -	- - - -			10.3													SPARE	20/1	34
35	- -	- - - -			10.3													SPACE		36
37	45/3	RTU-B4			10.3													SPACE		38
39	- -	- - - -			10.3													SPACE		40
41	- -	- - - -			10.3													SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	131.5	0.0	0.0	0.0	0.0		0.0	0.0	123.0	0.0	6.0	0.0	0.0	CONNECTED LOAD (KVA):	260.5	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	260.5	
MOTORS (KVA):		254.5							PHASE A	91	327.9									
A/C (KVA):		0.0							PHASE B	85	306.2							CONNECTED LOAD (AMPS):	313.3	
HEATING (KVA):		6.0							PHASE C	85	306.2							DEMAND LOAD (AMPS):	313.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	313.3	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB2"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 5,704

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	LTG - WAREHOUSE	2.4								2.5							LTG - MEZZANINE	20/1	2
3	- -	- - - -	2.4															SPARE	20/1	4
5	20/2	LTG - WAREHOUSE	3.3															SPARE	20/1	6
7	- -	- - - -	3.3															SPARE	20/1	8
9		SPACE																SPARE	20/1	10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE									0.1	3.1	4.4	0.0	0.0	0.0	0.0	DT-LB2	50/3	38
39		SPACE									0.0	2.9	4.2	0.0	1.8	0.0	0.5	----	--	40
41		SPACE									0.0	2.9	3.5	0.0	2.8	0.0	0.0	----	--	42
LIGHTING (KVA):		13.9	11.3	0.0	0.0	0.0	0.0	0.0	0.0		2.6	8.8	12.1	0.0	4.5	0.0	0.5	CONNECTED LOAD (KVA):	39.9	
RECEPTACLES (KVA):		8.8																DEMAND LOAD (KVA):	39.9	
MOTORS (KVA):		12.1							PHASE A	16	56.8									
A/C (KVA):		0.0							PHASE B	12	42.2							CONNECTED LOAD (AMPS):	47.9	
HEATING (KVA):		4.5							PHASE C	12	44.8							DEMAND LOAD (AMPS):	47.9	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:	52.1	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND

EHB4	EHB5	ELB1
HB2M	HB3M	HB4M
HB5M	HB2	

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM 7-31-13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
⚠	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods
DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-607

FOR CONSTRUCTION

6/14/2013 11:33:17 AM

PANELBOARD SCHEDULE - "HB3"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 4,763

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
			LOAD (KVA)								LOAD (KVA)									
1	20/2	LTG - WAREHOUSE	2.7								2.8							LTG - MEZZANINE	20/1	2
3	- -	- - - -	2.7								1.7							LTG EXTERIOR POLE	20/2	4
5	20/2	LTG - WAREHOUSE	2.4								1.7							- - - -	- -	6
7	- -	- - - -	2.4								1.7							LTG EXTERIOR POLE	20/2	8
9	20/2	LTG - WAREHOUSE	2.4								1.7							- - - -	- -	10
11	- -	- - - -	2.4								1.7							LTG EXTERIOR POLE	20/2	12
13	20/2	LTG - WAREHOUSE	2.4								1.7							- - - -	- -	14
15	- -	- - - -	2.4								1.4							LTG EXTERIOR POLE	20/2	16
17	20/2	LTG - WAREHOUSE	2.4								1.4							- - - -	- -	18
19	- -	- - - -	2.4															SPARE	20/1	20
21		SPACE																SPARE	20/1	22
23		SPACE																SPARE	20/1	24
25		SPACE																SPARE	20/1	26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE									0.0	7.0	9.8	0.0	0.0	0.0	0.0	DT-LB3	70/3	38
39		SPACE									0.8	5.0	9.8	0.0	0.0	0.0	0.5	----	--	40
41		SPACE									0.0	5.0	9.8	0.0	0.0	0.0	0.5	----	--	42
LIGHTING (KVA):		40.7	24.5	0.0	0.0	0.0	0.0	0.0	0.0		16.3	17.0	29.4	0.0	0.0	0.0	1.0	CONNECTED LOAD (KVA):		88.1
RECEPTACLES (KVA):		17.0																DEMAND LOAD (KVA):		84.6
MOTORS (KVA):		29.4							PHASE A	33	118.2									
A/C (KVA):		0.0							PHASE B	28	102.0							CONNECTED LOAD (AMPS):		106.0
HEATING (KVA):		0.0							PHASE C	27	97.9							DEMAND LOAD (AMPS):		101.8
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.0																AMPACITY REQUIRED:		114.0

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB4"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 9,887

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
			LOAD (KVA)								LOAD (KVA)									
1	20/2	LTG-WAREHOUSE	2.4								2.5							LTG - MEZZANINE	20/1	2
3	- -	- - - -	2.4															SPARE	20/1	4
5	20/2	LTG-WAREHOUSE	3.3															SPARE	20/1	6
7	- -	- - - -	3.3															SPARE	20/1	8
9		SPACE																SPARE	20/1	10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE									0.0	4.0	6.4	0.0	4.9	0.0	0.0	DT-LB4	70/3	38
39		SPACE									0.4	2.9	6.2	0.9	1.8	0.0	0.0	----	--	40
41		SPACE									0.0	2.9	6.2	0.9	2.2	0.0	0.5	----	--	42
LIGHTING (KVA):		14.2	11.3	0.0	0.0	0.0	0.0	0.0	0.0		2.9	9.7	18.7	1.9	8.9	0.0	0.5	CONNECTED LOAD (KVA):		53.9
RECEPTACLES (KVA):		9.7																DEMAND LOAD (KVA):		53.9
MOTORS (KVA):		18.7							PHASE A	23	84.6									
A/C (KVA):		1.9							PHASE B	15	52.4							CONNECTED LOAD (AMPS):		64.9
HEATING (KVA):		8.9							PHASE C	16	57.7							DEMAND LOAD (AMPS):		64.9
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:		69.2

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB5"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 5,590

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
			LOAD (KVA)								LOAD (KVA)									
1	20/2	LTG - WAREHOUSE	2.7								2.8							LTG - MEZZANINE	20/1	2
3	- -	- - - -	2.7															SPARE	20/1	4
5	20/2	LTG - WAREHOUSE	2.4															SPARE	20/1	6
7	- -	- - - -	2.4															SPARE	20/1	8
9	20/2	LTG - WAREHOUSE	2.4															SPARE	20/1	10
11	- -	- - - -	2.4															SPACE		12
13	20/2	LTG - WAREHOUSE	2.4															SPACE		14
15	- -	- - - -	2.4															SPACE		16
17	20/2	LTG - WAREHOUSE	2.4															SPACE		18
19	- -	- - - -	2.4															SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE									0.0	6.6	9.8	0.0	0.0	0.0	0.0	DT-LA5	70/3	38
39		SPACE									0.0	6.1	9.8	0.0	0.0	0.0	0.5	----	--	40
41		SPACE									0.0	5.7	9.8	0.0	0.0	0.0	0.5	----	--	42
LIGHTING (KVA):		27.3	24.5	0.0	0.0	0.0	0.0	0.0	0.0		2.8	18.4	29.4	0.0	0.0	0.0	1.0	CONNECTED LOAD (KVA):		76.1
RECEPTACLES (KVA):		18.4																DEMAND LOAD (KVA):		71.9
MOTORS (KVA):		29.4							PHASE A	29	105.0									
A/C (KVA):		0.0							PHASE B	24	86.1							CONNECTED LOAD (AMPS):		91.5
HEATING (KVA):		0.0							PHASE C	23	83.5							DEMAND LOAD (AMPS):		86.4
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.0																AMPACITY REQUIRED:		94.6

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB6"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 17,218

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
			LOAD (KVA)								LOAD (KVA)									
1	20/2	LTG-WAREHOUSE	2.4								2.1							LTG - MEZZANINE	20/1	2
3	- -	- - - -	2.4															SPARE	20/1	4
5	20/2	LTG-WAREHOUSE	2.4															SPARE	20/1	6
7	- -	- - - -	2.4															SPARE	20/1	8
9	20/2	LTG-WAREHOUSE	2.4															SPARE	20/1	10
11	- -	- - - -	2.4															SPACE		12
13	20/2	LTG-EXTERIOR WALL	2.2															SPACE		14
15	- -	- - - -	2.2															SPACE		16
17	20/2	LTG-EXTEROR POLE	1.1															SPACE		18
19	- -	- - - -	1.1															SPACE		20
21	20/2	LTG-EXTERIOR POLE	1.9															SPACE		22
23	- -	- - - -	1.9															SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE									0.0	4.7	7.7	0.0	1.8	0.0	0.7	DT-LB6	70/3	38
39		SPACE									0.1	3.6	7.9	0.0	0.0	0.0	0.5	----	--	40
41		SPACE									0.0	3.1	7.0	0.0	2.8	0.0	0.0	----	--	42
LIGHTING (KVA):		26.9	24.7	0.0	0.0	0.0	0.0	0.0	0.0		2.2	11.3	22.6	0.0	4.5	0.0	1.2	CONNECTED LOAD (KVA):		66.5
RECEPTACLES (KVA):		11.3																DEMAND LOAD (KVA):		65.9
MOTORS (KVA):		22.6							PHASE A	25	90.2									
A/C (KVA):		0.0							PHASE B	21	75.7							CONNECTED LOAD (AMPS):		80.0
HEATING (KVA):		4.5							PHASE C	21	74.3							DEMAND LOAD (AMPS):		79.2
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.2																AMPACITY REQUIRED:		87.3

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB7"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 7,701

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
			LOAD (KVA)								LOAD (KVA)									
1	20/2	LTG-WAREHOUSE	2.6								2.4							LTG - MEZZANINE	20/1	2
3	- -	- - - -	2.6															SPARE	20/1	4
5	20/2	LTG-WAREHOUSE	2.4															SPARE	20/1	6
7	- -	- - - -	2.4															SPARE	20/1	8
9	20/2	LTG-WAREHOUSE	2.4															SPARE	20/1	10
11	- -	- - - -	2.4															SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE									0.0	3.4	7.7	0.0	0.0	0.0	0.0	DT-LB7	70/3	38
39		SPACE									0.0	3.1	7.7	0.0	0.0	0.0	0.0	----	--	40
41		SPACE									0.0	2.5	7.0	0.0	0.0	0.0	0.5	----	--	42
LIGHTING (KVA):		17.0	14.6	0.0	0.0	0.0	0.0	0.0	0.0		2.4	9.0	22.4	0.0	0.0	0.0	0.5	CONNECTED LOAD (KVA):		48.9
RECEPTACLES (KVA):		9.0																DEMAND LOAD (KVA):		48.9
MOTORS (KVA):		22.4							PHASE A	18	66.5									
A/C (KVA):		0.0							PHASE B	16	56.7							CONNECTED LOAD (AMPS):		58.8
HEATING (KVA):		0.0							PHASE C	15	53.3							DEMAND LOAD (AMPS):		58.8
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:		63.9

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HB9"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 16,537

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
			LOAD (KVA)								LOAD (KVA)									
1	20/2	LTG - WAREHOUSE	2.2															SPARE	20/1	2
3	- -	- - - -	2.2															SPARE	20/1	4
5	20/2	LTG - WAREHOUSE	2.2															SPARE	20/1	6
7	- -	- - - -	2.2															SPARE	20/1	8
9	20/2	LTG - WAREHOUSE	2.2															SPACE		10
11	- -	- - - -	2.2															SPACE		12
13	20/2	LTG - WAREHOUSE	2.2															SPACE		14
15	- -	- - - -	2.2															SPACE		16
17	20/2	LTG - WAREHOUSE	3.3															SPACE		18
19	- -	- - - -	3.3															SPACE		20
21	20/2	LTG - WAREHOUSE	3.7															SPACE		22
23	- -	- - - -	3.7															SPACE		24
25	20/2	LTG - WAREHOUSE	2.9															SPACE		26
27	- -	- - - -	2.9															SPACE		28
29	20/2	LTG - WAREHOUSE	2.9															SPACE		30
31	- -	- - - -	2.9															SPACE		32
33	20/2	LTG - WAREHOUSE	3.3															SPACE		34
35	- -	- - - -	3.3															SPACE		36
37	20/2	LTG - WAREHOUSE	2.9								0.0	2.5	3.5	0.0	0.0	0.0	0.0	DT-LB9	50/3	38
39	- -	- - - -	2.9								0.0	2.2	2.8	0.0	0.0	0.0	0.5	----	--	40
41		SPACE									0.0	1.4	2.8	0.0	0.0	0.0	0.0	----	--	42
LIGHTING (KVA):		55.5	55.5	0.0	0.0	0.0	0.0	0.0	0.0		0.0	6.1	9.1	0.0	0.0	0.0	0.5	CONNECTED LOAD (KVA):		71.2
RECEPTACLES (KVA):		6.1																DEMAND LOAD (KVA):		71.2
MOTORS (KVA):		9.1							PHASE A	25	88.9									
A/C (KVA):		0.0							PHASE B	25	89.5							CONNECTED LOAD (AMPS):		85.6
HEATING (KVA):		0.0							PHASE C	22	78.6							DEMAND LOAD (AMPS):		85.6
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:		102.3

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LB2"

MAIN: 100A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,289

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
			LOAD (KVA)								LOAD (KVA)									
1	20/1	RECEPT - DOCK LEVELER			0.7							1.4						RECEPT - DOOR QUADS	20/1	2
3	20/1	RECEPT - DOCK LEVELER			0.7							1.4						RECEPT - DOOR QUADS	20/1	4
5	20/1	RECEPT - DOCK LEVELER			0.7							1.4						RECEPT - DOOR QUADS	20/1	6
7	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	8
9	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	10
11	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	12
13	20/1	RECEPT - DOCK LEVELER			0.7							0.2						RECEPT - SINGLE	20/1	14
15	20/1	RECEPT - DOCK LEVELER			0.7												0.5	IDF - 16	20/1	16
17	20/1	RECEPT - DOCK LEVELER			0.7										1.0			HAND DRYER	20/1	18
19	20/1	RECEPT - DOCK LEVELER			0.7						0.1		0.2					TOILET F01	20/1	20
21	20/1	RECEPT - DOCK LEVELER			0.7										1.8			EWH-4C (WATER HEATER)	25/2	22
23	20/1	RECEPT - DOCK LEVELER			0.7										1.8			- - - -	- -	24
25	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	26
27	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	28
29	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	30
31	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	32
33	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	34
35		SPACE																SPARE	20/1	36
37		SPACE																SPARE	20/1	38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		0.1	0.0	0.0	11.9	0.0	0.0	0.0	0.0		0.1	8.8	0.2	0.0	4.5	0.0	0.5	CONNECTED LOAD (KVA):		26.0
RECEPTACLES (KVA):		8.8																DEMAND LOAD (KVA):		26.0
MOTORS (KVA):		12.1							PHASE A	8	63.0									
A/C (KVA):		0.0							PHASE B	9	77.8							CONNECTED LOAD (AMPS):		72.2
HEATING (KVA):		4.5							PHASE C	9	76.1							DEMAND LOAD (AMPS):		72.2
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:		72.3

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LB3"

MAIN: 150A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,863

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
			LOAD (KVA)								LOAD (KVA)									
1	20/1	RECEPT - DOCK LEVELER			0.7							1.4						RECEPT - DOOR QUADS	20/1	2
3	20/1	RECEPT - DOCK LEVELER			0.7							1.1						RECEPT - DOOR QUADS	20/1	4
5	20/1	RECEPT - DOCK LEVELER			0.7							1.4						RECEPT - DOOR QUADS	20/1	6
7	20/1	RECEPT - DOCK LEVELER			0.7							1.4						RECEPT - DOOR QUADS	20/1	8
9	20/1	RECEPT - DOCK LEVELER			0.7							1.1						RECEPT - DOOR QUADS	20/1	10
11	20/1	RECEPT - DOCK LEVELER			0.7							1.4						RECEPT - DOOR QUADS	20/1	12
13	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	14
15	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	16
17	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	18
19	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	20
21	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	22
23	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	24
25	20/1	RECEPT - DOCK LEVELER			0.7							0.2						RECEPT - SINGLE	20/1	26
27	20/1	RECEPT - DOCK LEVELER			0.7												0.5	IDF - W	20/1	28
29	20/1	RECEPT - DOCK LEVELER			0.7												0.5	IDF - V	20/1	30
31	20/1	RECEPT - DOCK LEVELER			0.7							1.1						EXTERIOR RECEPTACLES	20/1	32
33	20/1	RECEPT - DOCK LEVELER			0.7						0.8							EXTERIOR SIGNAGE	20/1	34
35	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	36
37	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	38
39	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	40
41	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	42
		SECTION 2																SECTION 2		
43	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - DOCK LEVELER	20/1	44
45	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - DOCK LEVELER	20/1	46
47	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - DOCK LEVELER	20/1	48
49	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - DOCK LEVELER	20/1	50
51	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - DOCK LEVELER	20/1	52
53	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	54
55	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	56
57	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	58
59	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	60
61	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		62
63	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		64
65	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		66
67	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		68
69	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		70
71	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		72
73	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		74
75	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		76
77	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		78
79	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		80
81	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		82
83	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		84
LIGHTING (KVA):		0.8	0.0	0.0	29.4	0.0	0.0	0.0	0.0		0.8	17.0	0.0	0.0	0.0	0.0	1.0	CONNECTED LOAD (KVA):		48.2
RECEPTACLES (KVA):		17.0																DEMAND LOAD (KVA):		44.7
MOTORS (KVA):		29.4							PHASE A	17	139.8									
A/C (KVA):		0.0							PHASE B	16	134.2							CONNECTED LOAD (AMPS):		133.8
HEATING (KVA):		0.0							PHASE C	15	127.7							DEMAND LOAD (AMPS):		124.1
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.0																AMPACITY REQUIRED:		124.6

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND

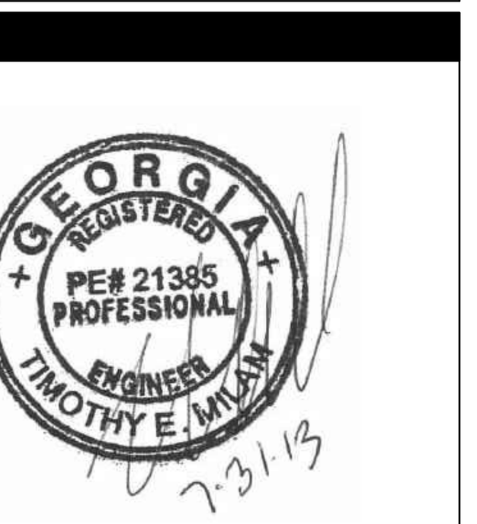
HB3	HB4	HB5
HB6	HB7	HB9
LB2	LB3	

6/14/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL



CONSULTANT

JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
⚠	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-608

FOR CONSTRUCTION

PANELBOARD SCHEDULE - "EHA2"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 7,314

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	EMER LTG - WAREHOUSE	3.1								0.3							EMER LTG - EXIT SIGNS	20/1	2
3	- -	- - - -	3.1								1.4							EMER LTG - OFFICE	20/1	4
5	20/2	EMER LTG - WAREHOUSE	2.9								1.5							EMER LTG - OFFICE	20/1	6
7	- -	- - - -	2.9															SPARE	20/1	8
9		SPACE																SPARE	20/1	10
11		SPACE																SPARE	20/1	12
13		SPACE																SPARE	20/1	14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		15.2	12.0	0.0	0.0	0.0	0.0	0.0	0.0		3.1	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	15.2	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	15.2	
MOTORS (KVA):		0.0							PHASE A	6	22.7									
A/C (KVA):		0.0							PHASE B	4	16.2							CONNECTED LOAD (AMPS):	18.3	
HEATING (KVA):		0.0							PHASE C	4	16.0							DEMAND LOAD (AMPS):	18.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	22.8	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "EHA3"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,592

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	20/2	EMER LTG - WAREHOUSE	1.6															SPARE	20/1	2
3	- -	- - - -	1.6															SPARE	20/1	4
5	20/2	EMER LTG - WAREHOUSE	2.4															SPARE	20/1	6
7	- -	- - - -	2.4															SPARE	20/1	8
9	20/2	EMER LTG - WAREHOUSE	1.5															SPACE		10
11	- -	- - - -	1.5															SPACE		12
13	20/2	EMER LTG - WAREHOUSE	3.1															SPACE		14
15	- -	- - - -	3.1															SPACE		16
17	20/2	EMER LTG - WAREHOUSE	2.9															SPACE		18
19	- -	- - - -	2.9															SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		23.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	23.0	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	23.0	
MOTORS (KVA):		0.0							PHASE A	10	36.2									
A/C (KVA):		0.0							PHASE B	6	22.4							CONNECTED LOAD (AMPS):	27.7	
HEATING (KVA):		0.0							PHASE C	7	24.4							DEMAND LOAD (AMPS):	27.7	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	34.6	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA2M"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 24,893

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-A15			0.9								3.8					RTU-1	20/3	2
3	- -	- - - -			0.9								3.8					- - - -	- -	4
5	- -	- - - -			0.9								3.8					- - - -	- -	6
7	45/3	RTU-B24			10.3								3.8					RTU-2	20/3	8
9	- -	- - - -			10.3								3.8					- - - -	- -	10
11	- -	- - - -			10.3								3.8					- - - -	- -	12
13	45/3	RTU-B32			10.3								5.5					RTU-5	25/3	14
15	- -	- - - -			10.3								5.5					- - - -	- -	16
17	- -	- - - -			10.3								5.5					- - - -	- -	18
19	60/3	RTU-C5			13.9								4.2					RTU-6	20/3	20
21	- -	- - - -			13.9								4.2					- - - -	- -	22
23	- -	- - - -			13.9								4.2					- - - -	- -	24
25	60/3	RTU-C6			13.9								3.2					RTU-7	15/3	26
27	- -	- - - -			13.9								3.2					- - - -	- -	28
29	- -	- - - -			13.9								3.2					- - - -	- -	30
31	60/3	RTU-C7			13.9								3.8					RTU-8	20/3	32
33	- -	- - - -			13.9								3.8					- - - -	- -	34
35	- -	- - - -			13.9								3.8					- - - -	- -	36
37	60/3	RTU-C8			13.9								6.9					RTU-9	30/3	38
39	- -	- - - -			13.9								6.9					- - - -	- -	40
41	- -	- - - -			13.9								6.9					- - - -	- -	42
		SECTION 2																SECTION 2		
43	30/3	RTU-10			6.9													SPARE	20/1	44
45	- -	- - - -			6.9													SPARE	20/1	46
47	- -	- - - -			6.9													SPARE	20/1	48
49	15/3	RTU-11			3.2													SPARE	20/1	50
51	- -	- - - -			3.2													SPACE		52
53	- -	- - - -			3.2													SPACE		54
55	30/3	RTU-12			6.9													SPACE		56
57	- -	- - - -			6.9													SPACE		58
59	- -	- - - -			6.9													SPACE		60
61	20/3	RTU-13			4.2													SPACE		62
63	- -	- - - -			4.2													SPACE		64
65	- -	- - - -			4.2													SPACE		66
67	25/1	ECH-A					5.0											SPACE		68
69	30/1	EWH-1 (WATER HEATER)					6.0											SPACE		70
71		SPACE																SPACE		72
73		SPACE																SPACE		74
75		SPACE																SPACE		76
77		SPACE																SPACE		78
79		SPACE																SPACE		80
81		SPACE																SPACE		82
83		SPACE																SPACE		84
LIGHTING (KVA):		0.0	0.0	0.0	294.1	0.0	11.0	0.0	0.0		0.0	0.0	93.5	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	398.6	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	398.6	
MOTORS (KVA):		387.6							PHASE A	134	484.5									
A/C (KVA):		0.0							PHASE B	135	488.1							CONNECTED LOAD (AMPS):	479.4	
HEATING (KVA):		11.0							PHASE C	129	466.4							DEMAND LOAD (AMPS):	479.4	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	479.4	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

FUSIBLE COORDINATION PANELBOARD SCHEDULE - "ELA1"

MAIN: 50A MF | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 644

CKT #	FUSE POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	FUSE POLE	CKT #
1	20/1	FIRE ALARM							0.5									SPARE	20/1	2
3		SPACE																SPARE	20/1	4
5		SPACE																SPARE	20/1	6
7		SPACE																SPARE	20/1	8
9		SPACE																SPACE		10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
LIGHTING (KVA):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	0.5	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	0.5	
MOTORS (KVA):		0.0							PHASE A	1	4.2									
A/C (KVA):		0.0							PHASE B	0	0.0							CONNECTED LOAD (AMPS):	1.4	
HEATING (KVA):		0.0							PHASE C	0	0.0							DEMAND LOAD (AMPS):	1.4	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.5																AMPACITY REQUIRED:	1.4	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA1M"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 53,607

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-A12			0.9								10.3					RTU-B29	45/3	2
3	- -	- - - -			0.9								10.3					- - - -	- -	4
5	- -	- - - -			0.9								10.3					- - - -	- -	6
7	15/3	HVLS-A14			0.9								10.3					RTU-B30	45/3	8
9	- -	- - - -			0.9								10.3					- - - -	- -	10
11	- -	- - - -			0.9								10.3					- - - -	- -	12
13	15/3	HVLS-A18			0.9								10.3					RTU-B31	45/3	14
15	- -	- - - -			0.9								10.3					- - - -	- -	16
17	- -	- - - -			0.9								10.3					- - - -	- -	18
19	15/3	HVLS-A19			0.9								10.3					RTU-B37	45/3	20
21	- -	- - - -			0.9								10.3					- - - -	- -	22
23	- -	- - - -			0.9								10.3					- - - -	- -	24
25	45/3	RTU-B21			10.3								10.3					RTU-B38	45/3	26
27	- -	- - - -			10.3								10.3					- - - -	- -	28
29	- -	- - - -			10.3								10.3					- - - -	- -	30
31	45/3	RTU-B22			10.3								10.3					RTU-B39	45/3	32
33	- -	- - - -			10.3								10.3					- - - -	- -	34
35	- -	- - - -			10.3								10.3					- - - -	- -	36
37	45/3	RTU-B23			10.3								0.6					OVERHEAD MOTORIZED DOOR	15/3	38
39	- -	- - - -			10.3								0.6					- - - -	- -	40
41	- -	- - - -			10.3								0.6					- - - -	- -	42
		SECTION 2																SECTION 2		
43	20/1	SPARE															1.5	WATER JACKET HEATER	30/2	44
45	20/1	SPARE															1.5	- - - -	- -	46
47	20/1	SPARE															1.5	WATER JACKET HEATER	30/2	48
49	20/1	SPARE															1.5	- - - -	- -	50
51		SPACE																SPARE	20/1	52
53		SPACE																SPARE	20/1	54
55		SPACE																SPARE	20/1	56
57		SPACE																SPARE	20/1	58
59		SPACE																SPACE		60
LIGHTING (KVA):		0.0	0.0	0.0	103.5	0.0	0.0	0.0	0.0		0.0	0.0	186.3	0.0	0.0	0.0	6.0	CONNECTED LOAD (KVA):	295.8	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	295.8	
MOTORS (KVA):		289.8							PHASE A	100	359.6									
A/C (KVA):		0.0							PHASE B	98	354.2							CONNECTED LOAD (AMPS):	355.8	
HEATING (KVA):		0.0							PHASE C	98	354.2							DEMAND LOAD (AMPS):	355.8	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		6.0																AMPACITY REQUIRED:	355.8	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA3M"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 12,026

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-A3			0.9								7.5					TRASH COMPACTOR (20HP)	50/3	2
3	- -	- - - -			0.9								7.5					- - - -	- -	4
5	- -	- - - -			0.9								7.5					- - - -	- -	6
7	15/3	HVLS-A4			0.9								34.4					BAILER (100HP)	200/3	8
9	- -	- - - -			0.9								34.4					- - - -	- -	10
11	- -	- - - -			0.9								34.4					- - - -	- -	12
13	15/3	HVLS-A6			0.9										3.0			EWH-A1 (WALL HEATER)	20/1	14
15	- -	- - - -			0.9								10.3					RTU-B7	45/3	16
17	- -	- - - -			0.9								10.3					- - - -	- -	18
19	15/3	HVLS-A7			0.9								10.3					- - - -	- -	20
21	- -	- - - -			0.9								10.3					RTU-B13	45/3	22
23	- -	- - - -			0.9								10.3					- - - -	- -	24
25	15/3	HVLS-A10			0.9								10.3					- - - -	- -	26
27	- -	- - - -			0.9								10.3					RTU-B14	45/3	28
29	- -	- - - -			0.9								10.3					- - - -	- -	30
31	45/3	RTU-B5			10.3								10.3					- - - -	- -	32
33	- -	- - - -			10.3								10.3					RTU-B15	45/3	34
35	- -	- - - -			10.3								10.3					- - - -	- -	36
37	45/3	RTU-B6			10.3								10.3					- - - -	- -	38
39	- -	- - - -			10.3													SPACE		40
41	- -	- - - -			10.3													SPACE		42
		SECTION 2																SECTION 2		
43		SPACE																SPARE	20/1	44
45		SPACE																SPARE	20/1	46
47		SPACE																SPARE	20/1	48
49		SPACE																SPARE	20/1	50
51		SPACE																SPARE	20/1	52
53		SPACE																SPARE	20/1	54
55		SPACE																SPACE		56
57		SPACE																SPACE		58
59		SPACE																SPACE		60
61		SPACE																SPACE		62
LIGHTING (KVA):		0.0	0.0	0.0	75.6	0.0	0.0	0.0	0.0		0.0	0.0	248.5	0.0	3.0	0.0	0.0	CONNECTED LOAD (KVA):	327.1	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	327.1	
MOTORS (KVA):		324.1							PHASE A	111	400.9									
A/C (KVA):		0.0							PHASE B	108	390.0							CONNECTED LOAD (AMPS):	393.5	
HEATING (KVA):		3.0							PHASE C	108	390.0							DEMAND LOAD (AMPS):	393.5	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	393.5	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA4M"

MAIN: 400A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 9,793

CKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A B C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #
1	15/3	HVLS-A8			0.9								13.9					RTU-C4	60/3	2
3	- -	- - - -			0.9								13.9					- - - -	- -	4
5	- -	- - - -			0.9								13.9					- - - -	- -	6
7	15/3	HVLS-A11			0.9										2.8			EWH-3 (WATER HEATER)	15/3	8
9	- -	- - - -			0.9										2.8			- - - -	- -	10
11	- -	- - - -			0.9										2.8			- - - -	- -	12
13	45/3	RTU-B8			10.3								0.6					OVERHEAD MOTORIZED DOOR	15/3	14
15	- -	- - - -			10.3								0.6					- - - -	- -	16
17	- -	- - - -			10.3								0.6					- - - -	- -	18
19	45/3	RTU-B16			10.3													SPARE	20/1	20
21	- -	- - - -			10.3													SPARE	20/1	22
23	- -	- - - -			10.3													SPARE	20/1	24
25	60/3	RTU-C1			13.9													SPARE	20/1	26
27	- -	- - - -			13.9													SPACE		28
29	- -	- - - -			13.9													SPACE		30
31	60/3	RTU-C2			13.9													SPACE		32
33	- -	- - - -			13.9													SPACE		34
35	- -	- - - -			13.9													SPACE		36
37	60/3	RTU-C3			13.9													SPACE		38
39	- -	- - - -			13.9													SPACE		40
41	- -	- - - -			13.9													SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	191.9	0.0	0.0	0.0	0.0		0.0	0.0	43.4	0.0	8.5	0.0	0.0	CONNECTED LOAD (KVA):	243.8	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	243.8	
MOTORS (KVA):		235.3							PHASE A	81	293.3									
A/C (KVA):		0.0							PHASE B	81	293.3							CONNECTED LOAD (AMPS):	293.2	
HEATING (KVA):		8.5							PHASE C	81	293.3							DEMAND LOAD (AMPS):	293.2	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	293.2	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND

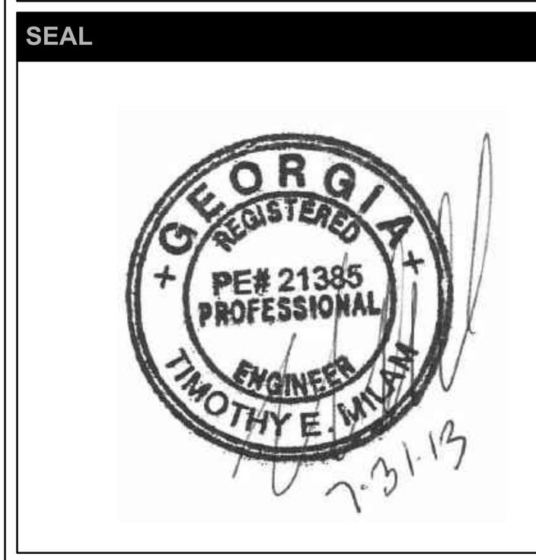
EHA2	EHA3	HA2M
ELA1	HA1M	
HA3M	HA4M	

6/14/2013 11:33:17 AM

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL



CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
⚠	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-602

FOR CONSTRUCTION

PANELBOARD SCHEDULE - "MHE5"

MAIN: 600A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 34,119

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1		PROPOSED LOAD			100.0													SPACE		2
3		PROPOSED LOAD			100.0													SPACE		4
5		PROPOSED LOAD			100.0													SPACE		6
7		SPACE																SPACE		8
9		SPACE																SPACE		10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
		SECTION 2																SECTION 2		
43		SPACE																SPACE		44
45		SPACE																SPACE		46
47		SPACE																SPACE		48
49		SPACE																SPACE		50
51		SPACE																SPACE		52
53		SPACE																SPACE		54
55		SPACE																SPACE		56
57		SPACE																SPACE		58
59		SPACE																SPACE		60
61		SPACE																SPACE		62
63		SPACE																SPACE		64
65		SPACE																SPACE		66
67		SPACE																SPACE		68
69		SPACE																SPACE		70
71		SPACE																SPACE		72
73		SPACE																SPACE		74
75		SPACE																SPACE		76
77		SPACE																SPACE		78
79		SPACE																SPACE		80
81		SPACE																SPACE		82
83		SPACE																SPACE		84
LIGHTING (KVA):		0.0	0.0	0.0	300.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	300.0	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	300.0	
MOTORS (KVA):		300.0							PHASE A	100	361.0									
A/C (KVA):		0.0							PHASE B	100	361.0							CONNECTED LOAD (AMPS):	360.8	
HEATING (KVA):		0.0							PHASE C	100	361.0							DEMAND LOAD (AMPS):	360.8	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	360.8	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA5"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 5,377

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/2	LTG - WAREHOUSE	2.4															SPARE	20/1	2
3	- -	- - - -	2.4								2.0							LTG - WAREHOUSE	20/2	4
5	20/2	LTG - WAREHOUSE	1.8								2.0							- - - -	- -	6
7	- -	- - - -	1.8								2.2							LTG - WAREHOUSE	20/2	8
9	20/2	LTG - WAREHOUSE	1.8								2.2							- - - -	- -	10
11	- -	- - - -	1.8								1.8							LTG - WAREHOUSE	20/2	12
13	20/2	LTG - WAREHOUSE	2.4								1.8							- - - -	- -	14
15	- -	- - - -	2.4								1.8							LTG - WAREHOUSE	20/2	16
17	20/2	LTG - WAREHOUSE	1.8								1.8							- - - -	- -	18
19	- -	- - - -	1.8								2.4							LTG - WAREHOUSE	20/2	20
21	20/2	LTG - WAREHOUSE	2.4								2.4							- - - -	- -	22
23	- -	- - - -	2.4															SPARE	20/1	24
25	20/2	LTG - WAREHOUSE	1.8															SPARE	20/1	26
27	- -	- - - -	1.8															SPARE	20/1	28
29	20/2	LTG - WAREHOUSE	1.8															SPARE	20/1	30
31	- -	- - - -	1.8															SPACE		32
33	20/2	LTG - WAREHOUSE	2.0															SPACE		34
35	- -	- - - -	2.0															SPACE		36
37	20/2	LTG - WAREHOUSE	2.2								0.0	2.0	0.0	0.0	0.0	0.0	0.5	DT-LA5	50/3	38
39	- -	- - - -	2.2								0.0	1.4	1.2	0.0	0.0	0.0	0.5	----	--	40
41		SPACE									0.0	1.8	0.0	0.0	0.0	0.0	0.0	----	--	42
		SECTION 2																SECTION 2		
43		SPACE																SPACE		44
45		SPACE																SPACE		46
47		SPACE																SPACE		48
49		SPACE																SPACE		50
51		SPACE																SPACE		52
53		SPACE																SPACE		54
55		SPACE																SPACE		56
57		SPACE																SPACE		58
59		SPACE																SPACE		60
LIGHTING (KVA):		61.3	40.9	0.0	0.0	0.0	0.0	0.0	0.0		20.4	5.2	1.2	0.0	0.0	0.0	1.0	CONNECTED LOAD (KVA):	68.7	
RECEPTACLES (KVA):		5.2																DEMAND LOAD (KVA):	68.7	
MOTORS (KVA):		1.2							PHASE A	23	83.4									
A/C (KVA):		0.0							PHASE B	27	95.7							CONNECTED LOAD (AMPS):	82.7	
HEATING (KVA):		0.0							PHASE C	19	69.1							DEMAND LOAD (AMPS):	82.7	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.0																AMPACITY REQUIRED:	101.1	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LA5"

MAIN: 100A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,281

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/1	SPARE										0.7						RECEPT - WAREHOUSE	20/1	2
3	20/1	SPARE										0.7						RECEPT - WAREHOUSE	20/1	4
5	20/1	SPARE										0.7						RECEPT - WAREHOUSE	20/1	6
7	20/1	IDF-C							0.5			0.7						RECEPT - WAREHOUSE	20/1	8
9	20/1	IDF-D							0.5			0.7						RECEPT - WAREHOUSE	20/1	10
11	20/1	EXTERIOR RECEPTACLES		0.4								0.7						RECEPT - WAREHOUSE	20/1	12
13	20/1	EXTERIOR RECEPTACLES		0.4								0.2						RECEPT - SINGLE	20/1	14
15	20/1	EAST GATE			1.2													SPACE		16
17	20/1	SPARE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		0.0	0.0	0.7	1.2	0.0	0.0	0.0	1.0		0.0	4.5	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	7.4	
RECEPTACLES (KVA):		5.2																DEMAND LOAD (KVA):	7.4	
MOTORS (KVA):		1.2							PHASE A	2	20.7									
A/C (KVA):		0.0							PHASE B	3	26.2							CONNECTED LOAD (AMPS):	20.6	
HEATING (KVA):		0.0							PHASE C	2	15.0							DEMAND LOAD (AMPS):	20.6	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		1.0																AMPACITY REQUIRED:	20.6	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "MHE6"

MAIN: 400A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 13,089

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	175/3	AIR COMPRESSOR			17.2								17.2					AIR COMPRESSOR	175/3	2
3	- -	- - - -			17.2								17.2					- - - -	- -	4
5	- -	- - - -			17.2								17.2					- - - -	- -	6
7		SPACE																SPACE		8
9		SPACE																SPACE		10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	51.6	0.0	0.0	0.0	0.0		0.0	0.0	51.6	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	103.2	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	103.2	
MOTORS (KVA):		103.2							PHASE A	34	124.2									
A/C (KVA):		0.0							PHASE B	34	124.2							CONNECTED LOAD (AMPS):	124.1	
HEATING (KVA):		0.0							PHASE C	34	124.2							DEMAND LOAD (AMPS):	124.1	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	124.1	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA6"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 6,503

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/2	LTG - WAREHOUSE	2.7															SPARE	20/1	2
3	- -	- - - -	2.7															SPARE	20/1	4
5	20/2	LTG - WAREHOUSE	2.7															SPARE	20/1	6
7	- -	- - - -	2.7															SPARE	20/1	8
9	20/2	LTG - WAREHOUSE	2.7															SPACE		10
11	- -	- - - -	2.7															SPACE		12
13	20/2	LTG - WAREHOUSE	2.7															SPACE		14
15	- -	- - - -	2.7															SPACE		16
17	20/2	LTG - WAREHOUSE	3.3															SPACE		18
19	- -	- - - -	3.3															SPACE		20
21	20/2	LTG - WAREHOUSE	2.9															SPACE		22
23	- -	- - - -	2.9															SPACE		24
25	20/2	LTG - WAREHOUSE	2.9															SPACE		26
27	- -	- - - -	2.9															SPACE		28
29	20/2	LTG - WAREHOUSE	3.3															SPACE		30
31	- -	- - - -	3.3															SPACE		32
33	20/2	LTG - WAREHOUSE	2.6															SPACE		34
35	- -	- - - -	2.6															SPACE		36
37	20/2	LTG - WAREHOUSE	2.6								0.0	3.0	2.1	0.0	1.8	0.0	1.5	DT-LA6	50/3	38
39	- -	- - - -	2.6								0.0	2.6	2.1	0.0	2.8	0.0	1.0	----	--	40
41		SPACE									0.1	2.4	2.1	0.0	0.0	0.0	0.0	----	--	42
LIGHTING (KVA):		57.0	56.9	0.0	0.0	0.0	0.0	0.0	0.0		0.1	8.1	6.3	0.0	4.5	0.0	2.5	CONNECTED LOAD (KVA):	78.4	
RECEPTACLES (KVA):		8.1																DEMAND LOAD (KVA):	78.4	
MOTORS (KVA):		6.3							PHASE A	29	103.3									
A/C (KVA):		0.0							PHASE B	28	99.8							CONNECTED LOAD (AMPS):	94.3	
HEATING (KVA):		4.5							PHASE C	22	79.9							DEMAND LOAD (AMPS):	94.3	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		2.5																AMPACITY REQUIRED:	111.4	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LA6"

MAIN: 100A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,304

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/1	RECEPT - DOCK LEVELER			0.7							1.1						RECEPT - DOOR QUADS	20/1	2
3	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - DOOR QUADS	20/1	4
5	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	6
7	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	8
9	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	10
11	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	12
13	20/1	RECEPT - DOCK LEVELER			0.7							0.4						RECEPT - WAREHOUSE	20/1	14
15	20/1	RECEPT - DOCK LEVELER			0.7							0.4						RECEPT - WAREHOUSE	20/1	16
17	20/1	RECEPT - DOCK LEVELER			0.7							0.4						RECEPT - WAREHOUSE	20/1	18
19	20/1	IDF-G							0.5			0.4						RECEPT - WAREHOUSE	20/1	20
21	20/1	HAND DRYER					1.0					0.4						RECEPT - WAREHOUSE	20/1	22
23	20/1	TOILET C01	0.1									0.4						RECEPT - WAREHOUSE	20/1	24
25	25/2	EWH-4D (WATER HEATER)					1.8					0.4						RECEPT - WAREHOUSE	20/1	26
27	- -	- - - -					1.8					0.4						RECEPT - WAREHOUSE	20/1	28
29	20/1	SPARE										0.2						RECEPT - SINGLE	20/1	30
31	20/1	SPARE															1.0	COMPACTOR CTRL	20/1	32
33	20/1	SPARE															1.0	BAILER CTRL	20/1	34
35	20/1	SPARE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		0.1	0.1	0.0	6.3	0.0	4.5	0.0	0.5		0.0	8.1	0.0	0.0	0.0	0.0	2.0	CONNECTED LOAD (KVA):	21.5	
RECEPTACLES (KVA):		8.1																DEMAND LOAD (KVA):	21.5	
MOTORS (KVA):		6.3							PHASE A	8	69.6									
A/C (KVA):		0.0							PHASE B	8	70.8							CONNECTED LOAD (AMPS):	59.6	
HEATING (KVA):		4.5							PHASE C	5	38.5							DEMAND LOAD (AMPS):	59.6	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		2.5																AMPACITY REQUIRED:	59.6	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "EHA4"

MAIN: 100A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 2,032

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/2	EMER LTG - WAREHOUSE	2.7								0.5							EMER LTG - EXIT SIGNS	20/1	2
3	- -	- - - -	2.7															SPARE	20/1	4
5	20/2	EMER LTG - WAREHOUSE	1.8															SPARE	20/1	6
7	- -	- - - -	1.8															SPARE	20/1	8
9		SPACE																SPARE	20/1	10
11		SPACE																SPACE		12
13		SPACE																SPACE		14
15		SPACE																SPACE		16
17		SPACE																SPACE		18
19		SPACE																SPACE		20
21		SPACE																SPACE		22
23		SPACE																SPACE		24
25		SPACE																SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		9.6	9.1	0.0	0.0	0.0	0.0	0.0	0.0		0.5	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	9.6	
RECEPTACLES (KVA):		0.0																DEMAND LOAD (KVA):	9.6	
MOTORS (KVA):		0.0							PHASE A	5	18.3									
A/C (KVA):		0.0							PHASE B	3	9.9							CONNECTED LOAD (AMPS):	11.6	
HEATING (KVA):		0.0							PHASE C	2	6.6							DEMAND LOAD (AMPS):	11.6	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	14.5	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "HA7"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 9,440

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/2	LTG - WAREHOUSE	2.7								1.4							LTG-EXTERIOR POLE	20/2	2
3	- -	- - - -	2.7								1.4							- - - -	- -	4
5	20/2	LTG - WAREHOUSE	2.7								1.1							LTG-EXTERIOR POLE	20/2	6
7	- -	- - - -	2.7								1.1							- - - -	- -	8
9	20/2	LTG - WAREHOUSE	2.9								1.8							LTG-EXTERIOR WALL	20/2	10
11	- -	- - - -	2.9								1.8							- - - -	- -	12
13	20/2	LTG - WAREHOUSE	3.3								1.7							LTG-EXTERIOR POLE	20/2	14
15	- -	- - - -	3.3								1.7							- - - -	- -	16
17	20/2	LTG - WAREHOUSE	2.9								1.1							LTG-EXTERIOR POLE	20/2	18
19	- -	- - - -	2.9								1.1							- - - -	- -	20
21	20/2	LTG - WAREHOUSE	2.9								1.7							LTG-EXTERIOR POLE	20/2	22
23	- -	- - - -	2.9								1.7							- - - -	- -	24
25	20/1	SPARE									1.1							LTG-EXTERIOR POLE	20/2	26
27	20/1	SPARE									1.1							- - - -	- -	28
29	20/1	SPARE									1.7							LTG-EXTERIOR POLE	20/2	30
31	20/1	SPARE									1.7							- - - -	- -	32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE									0.0	2.5	3.5	0.0	0.0	0.0	0.0	DT-LA7	50/3	38
39		SPACE									0.0	2.9	2.8	0.0	0.0	0.0	0.0	----	--	40
41		SPACE									0.0	1.4	2.8	0.0	0.0	0.0	0.0	----	--	42
LIGHTING (KVA):		57.9	35.0	0.0	0.0	0.0	0.0	0.0	0.0		22.8	6.8	9.1	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	73.8	
RECEPTACLES (KVA):		6.8																DEMAND LOAD (KVA):	73.8	
MOTORS (KVA):		9.1							PHASE A	26	92.7									
A/C (KVA):		0.0							PHASE B	25	90.6							CONNECTED LOAD (AMPS):	88.8	
HEATING (KVA):		0.0							PHASE C	23	83.1							DEMAND LOAD (AMPS):	88.8	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	106.2	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "LA7"

MAIN: 100A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 1,341

CKT	TRIP		LOAD (KVA)							PHASE	LOAD (KVA)								TRIP	CKT
#	POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	A B C	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	POLE	#
1	20/1	RECEPT - DOCK LEVELER			0.7							1.1						RECEPT - DOOR QUADS	20/1	2
3	20/1	RECEPT - DOCK LEVELER			0.7							1.4						RECEPT - DOOR QUADS	20/1	4
5	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	6
7	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	8
9	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	10
11	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	12
13	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	14
15	20/1	RECEPT - DOCK LEVELER			0.7							0.7						RECEPT - WAREHOUSE	20/1	16
17	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	18
19	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	20
21	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	22
23	20/1	RECEPT - DOCK LEVELER			0.7													SPARE	20/1	24
25	20/1	RECEPT - DOCK LEVELER			0.7													SPACE		26
27		SPACE																SPACE		28
29		SPACE																SPACE		30
31		SPACE																SPACE		32
33		SPACE																SPACE		34
35		SPACE																SPACE		36
37		SPACE																SPACE		38
39		SPACE																SPACE		40
41		SPACE																SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0		0.0	6.8	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	15.9	
RECEPTACLES (KVA):		6.8																DEMAND LOAD (KVA):	15.9	
MOTORS (KVA):		9.1							PHASE A	6	50.2									
A/C (KVA):		0.0							PHASE B	6	47.3							CONNECTED LOAD (AMPS):	44.2	
HEATING (KVA):		0.0							PHASE C	4	35.3							DEMAND LOAD (AMPS):	44.2	
KITCHEN (KVA):		0.0								KVA	AMPS									
MISCELLANEOUS (KVA):		0.0																AMPACITY REQUIRED:	44.2	

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

SPARES ADDED TO ALL PANELS

LEGEND

MHE5	MHE6	EHA4
HA5	HA6	HA7
LA5	LA6	LA7

MACGREGOR ASSOCIATES ARCHITECTS
2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MILAM 7-31-13

CONSULTANT

JSE
JORDAN & SKALA ENGINEERS
4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
⚠	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods
DISTRIBUTION CENTER
125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy®

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E-610

FOR CONSTRUCTION

6/14/2013 11:33:17 AM

PANELBOARD SCHEDULE - "TKHM"

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 13,954

OKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A	PHASE B	PHASE C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	OKT #
1	80/3	CRAC-1 (INTERIOR)				16.5														SPARE	20/1	2
3	- -	- - - -				16.5														SPARE	20/1	4
5	- -	- - - -				16.5														SPARE	20/1	6
7	15/3	CRAC-1 (EXTERIOR)				2.1														SPARE	20/1	8
9	- -	- - - -				2.1														SPACE		10
11	- -	- - - -				2.1														SPACE		12
13	80/3	CRAC-2 (INTERIOR)				16.5														SPACE		14
15	- -	- - - -				16.5														SPACE		16
17	- -	- - - -				16.5														SPACE		18
19	15/3	CRAC-2 (EXTERIOR)				2.1														SPACE		20
21	- -	- - - -				2.1														SPACE		22
23	- -	- - - -				2.1														SPACE		24
25		SPACE																		SPACE		26
27		SPACE																		SPACE		28
29		SPACE																		SPACE		30
31		SPACE																		SPACE		32
33		SPACE																		SPACE		34
35		SPACE																		SPACE		36
37		SPACE																		SPACE		38
39		SPACE																		SPACE		40
41		SPACE																		SPACE		42
LIGHTING (KVA):		0.0	0.0	0.0	0.0	111.6	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):		111.6
RECEPTACLES (KVA):		0.0																		DEMAND LOAD (KVA):		111.6
MOTORS (KVA):		0.0								PHASE A	37	134.3										
A/C (KVA):		111.6								PHASE B	37	134.3								CONNECTED LOAD (AMPS):		134.2
HEATING (KVA):		0.0								PHASE C	37	134.3								DEMAND LOAD (AMPS):		134.2
KITCHEN (KVA):		0.0									KVA	AMPS										
MISCELLANEOUS (KVA):		0.0																		AMPACITY REQUIRED:		134.2

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

PANELBOARD SCHEDULE - "TKL"

MAIN: 100A MCB | VOLTAGE: 208/120 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 2,989

OKT #	TRIP POLE	DESCRIPTION	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A	PHASE B	PHASE C	LOAD (KVA) LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	OKT #
1	20/1	RECEPT-ROOF		0.2										0.3						LP100 #1	20/1	2
3	20/1	SUPERVISOR DESK REC.		0.7										0.3						LP100 #2	20/1	4
5	20/1	TICKET ROOM COPIER		0.4										0.3						LP100 #3	20/1	6
7	20/1	MATCHING STATION #1		0.4										0.3						LP100 #4	20/1	8
9	20/1	MATCHING STATION #2		0.4										0.2						CUTTER STACKER #1	20/1	10
11	20/1	MATCHING STATION #3		0.4										0.2						CUTTER STACKER #2	20/1	12
13	20/1	MATCHING STATION #4		0.4										0.2						CUTTER STACKER #3	20/1	14
15	20/1	MATCHING STATION #5		0.4										0.2						CUTTER STACKER #4	20/1	16
17	20/1	TICKET ROOM RECEPTACLE		0.4										0.2						GUM CUTTER #1	20/1	18
19	20/1	TICKET ROOM RECEPTACLE		0.4										0.2						GUM CUTTER #2	20/1	20
21	20/1	TICKET ROOM RECEPTACLE		0.4										0.4						TICKET ROOM RECEPTACLE	20/1	22
23	20/1	TICKET ROOM RECEPTACLE		0.4										0.4						TICKET ROOM RECEPTACLE	20/1	24
25	20/1	TICKET ROOM RECEPTACLE		0.4										0.4						TICKET ROOM RECEPTACLE	20/1	26
27	20/1	TICKET ROOM RECEPTACLE		0.4																SPARE	20/1	28
29	20/1	TICKET ROOM RECEPTACLE		0.4																SPARE	20/1	30
31	20/1	TICKET ROOM RECEPTACLE		0.4																SPARE	20/1	32
33	20/1	TICKET ROOM RECEPTACLE		0.4																SPARE	20/1	34
35	20/1	TICKET ROOM RECEPTACLE		0.4																SPACE		36
37		SPACE																		SPACE		38
39		SPACE																		SPACE		40
41		SPACE																		SPACE		42
LIGHTING (KVA):		0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0				0.0	3.6	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):		10.3
RECEPTACLES (KVA):		10.3																		DEMAND LOAD (KVA):		10.1
MOTORS (KVA):		0.0								PHASE A	3	28.2										
A/C (KVA):		0.0								PHASE B	4	30.2								CONNECTED LOAD (AMPS):		28.5
HEATING (KVA):		0.0								PHASE C	3	27.2								DEMAND LOAD (AMPS):		28.1
KITCHEN (KVA):		0.0									KVA	AMPS										
MISCELLANEOUS (KVA):		0.0																		AMPACITY REQUIRED:		28.1

NOTES: BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE FIELD-EQUIPPED WITH A MANUALLY OPERATED HANDLE-TIE DEVICE TO ENSURE THAT ALL UNGROUNDED CONDUCTORS ARE SIMULTANEOUSLY DISCONNECTED PER NEC 240.15.

LC-A1 RELAY PANEL SCHEDULE — GR- 2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HA1-1,3			ZONE 3	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HA1-5,7			ZONE 3	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HA1-9,11			ZONE 3	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HA1-13,15			ZONE 3	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5	HA1-17,19			ZONE 4	TWO POLE	7300	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	HA1-21,23			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7	HA1-25,27			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
8	HA1-29,31			ZONE 4	TWO POLE	7300	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
9	HA1-4,6			SITE	TWO POLE	2200	PHOTOCELL/TIME CLOCK CONTROL
10	HA1-8,10			SITE	TWO POLE	2200	PHOTOCELL/TIME CLOCK CONTROL
11	HA1-12,14			SITE	TWO POLE	1100	PHOTOCELL/TIME CLOCK CONTROL
12	HA1-16,18			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
13	HA1-20,22			SITE	TWO POLE	2200	PHOTOCELL/TIME CLOCK CONTROL
14	HA1-24,26			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
15							
16	EHA1-1,3			ZONE 4	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
17	EHA1-5,7			ZONE 4	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
18	EHA1-9,11			ZONE 4	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
19	EHA1-2			ZONE 3	SINGLE POLE	700	PHOTOCELL/TIME CLOCK CONTROL
20							
21							
22							
23							
24							
25							

LC-A2 RELAY PANEL SCHEDULE — GR- 2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HA2-1,3			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HA2-5,7			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HA2-9,11			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HA2-13,15			ZONE 4	TWO POLE	7300	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5	HA2-17,19			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	HA2-21,23			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7							
8							
9							
10							

LC-A3 RELAY PANEL SCHEDULE — GR- 2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HA3-1,3			ZONE 4	TWO POLE	6600	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HA3-5,7			ZONE 2	TWO POLE	5100	OCC SENSOR, W/MANUAL OVERRIDE SW.
3	HA3-9,11			ZONE 2	TWO POLE	5100	OCC SENSOR, W/MANUAL OVERRIDE SW.
4	HA3-13,15			ZONE 2	TWO POLE	5100	OCC SENSOR, W/MANUAL OVERRIDE SW.
5	HA3-17,19			ZONE 2	TWO POLE	5100	OCC SENSOR, W/MANUAL OVERRIDE SW.
6	HA3-21,23			ZONE 2	TWO POLE	5100	OCC SENSOR, W/MANUAL OVERRIDE SW.
7	HA3-25,27			ZONE 2	TWO POLE	5100	OCC SENSOR, W/MANUAL OVERRIDE SW.
8	HA3-29,31			ZONE 2	TWO POLE	5100	OCC SENSOR, W/MANUAL OVERRIDE SW.
9	HA3-33,35			ZONE 2	TWO POLE	4700	OCC SENSOR, W/MANUAL OVERRIDE SW.
10							
11	EHA2-1,3			ZONE 2	TWO POLE	6200	OCC SENSOR, W/MANUAL OVERRIDE SW.
12	EHA2-5,7			ZONE 2	TWO POLE	5800	OCC SENSOR, W/MANUAL OVERRIDE SW.
13	EHA2-2			ZONE 2	SINGLE POLE	300	PHOTOCELL/TIME CLOCK CONTROL
14							
15							
16							
17							
18							
19							
20							

LC-A5 RELAY PANEL SCHEDULE — GR- 2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HA5-1,3			ZONE 2	TWO POLE	4700	OCC SENSOR, W/MANUAL OVERRIDE SW.
2	HA5-5,7			ZONE 2	TWO POLE	3700	OCC SENSOR, W/MANUAL OVERRIDE SW.
3	HA5-9,11			ZONE 2	TWO POLE	3700	OCC SENSOR, W/MANUAL OVERRIDE SW.
4	HA5-13,15			ZONE 2	TWO POLE	4700	OCC SENSOR, W/MANUAL OVERRIDE SW.
5	HA5-17,19			ZONE 2	TWO POLE	3700	OCC SENSOR, W/MANUAL OVERRIDE SW.
6	HA5-21,23			ZONE 2	TWO POLE	4700	OCC SENSOR, W/MANUAL OVERRIDE SW.
7	HA5-25,27			ZONE 2	TWO POLE	3700	OCC SENSOR, W/MANUAL OVERRIDE SW.
8	HA5-29,31			ZONE 2	TWO POLE	3700	OCC SENSOR, W/MANUAL OVERRIDE SW.
9	HA5-33,35			ZONE 2	TWO POLE	4000	OCC SENSOR, W/MANUAL OVERRIDE SW.
10	HA5-37,39			ZONE 2	TWO POLE	4400	OCC SENSOR, W/MANUAL OVERRIDE SW.
11	HA5-4,6			ZONE 2	TWO POLE	4000	OCC SENSOR, W/MANUAL OVERRIDE SW.
12	HA5-8,10			ZONE 2	TWO POLE	4400	OCC SENSOR, W/MANUAL OVERRIDE SW.
13	HA5-12,14			ZONE 2	TWO POLE	3700	OCC SENSOR, W/MANUAL OVERRIDE SW.
14	HA5-16,18			ZONE 2	TWO POLE	3700	OCC SENSOR, W/MANUAL OVERRIDE SW.
15	HA5-20,22			ZONE 2	TWO POLE	4700	OCC SENSOR, W/MANUAL OVERRIDE SW.
16							
17	EHA3-1,3			ZONE 2	TWO POLE	3300	OCC SENSOR, W/MANUAL OVERRIDE SW.
18	EHA3-5,7			ZONE 2	TWO POLE	4700	OCC SENSOR, W/MANUAL OVERRIDE SW.
19	EHA3-9,11			ZONE 2	TWO POLE	2900	OCC SENSOR, W/MANUAL OVERRIDE SW.
20	EHA3-13,15			ZONE 2	TWO POLE	6200	OCC SENSOR, W/MANUAL OVERRIDE SW.
21	EHA3-17,19			ZONE 2	TWO POLE	5800	OCC SENSOR, W/MANUAL OVERRIDE SW.
22							
23							
24							
25							

LC-A6 RELAY PANEL SCHEDULE — GR- 2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HA6-1,3			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HA6-5,7			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HA6-9,11			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HA6-13,15			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5	HA6-17,19			ZONE 4	TWO POLE	6600	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	HA6-21,23			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7	HA6-25,27			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
8	HA6-29,31			ZONE 4	TWO POLE	6600	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
9	HA6-33,35			ZONE 4	TWO POLE	5100	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
10	HA6-37,39			ZONE 4	TWO POLE	5100	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
11							
12	EHA4-1,3			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
13	EHA4-5,7			ZONE 3	TWO POLE	3700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
14	EHA4-2			SITE	SINGLE POLE	500	PHOTOCELL/TIME CLOCK CONTROL
15							
16							
17							
18							
19							
20							

LC-A7 RELAY PANEL SCHEDULE — GR- 2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HA7-1,3			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HA7-5,7			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HA7-9,11			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HA7-13,15			ZONE 4	TWO POLE	6600	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5	HA7-17,19			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	HA7-21,23			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7	HA7-2,4			SITE	TWO POLE	2800	PHOTOCELL/TIME CLOCK CONTROL
8	HA7-6,8			SITE	TWO POLE	2200	PHOTOCELL/TIME CLOCK CONTROL
9	HA7-10,12			SITE	TWO POLE	3600	PHOTOCELL/TIME CLOCK CONTROL
10	HA7-14,16			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
11	HA7-18,20			SITE	TWO POLE	2200	PHOTOCELL/TIME CLOCK CONTROL
12	HA7-22,24			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
13	HA7-26,28			SITE	TWO POLE	2200	PHOTOCELL/TIME CLOCK CONTROL
14	HA7-30,32			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
15							
16							
17							
18							
19							
20							

LEGEND

TKHM	TKL	LC-A1
LC-A2	LC-A3	LC-A5
LC-A6	LC-A7	

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MALCOM

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

HomeGoods

DISTRIBUTION CENTER

125 LOGISTICS CENTER PARKWAY
JEFFERSON, GEORGIA 30549

Be HomeGoods Happy

DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-611

FOR CONSTRUCTION

07/31/2013 11:33:17 AM

LC-B1 RELAY PANEL SCHEDULE — GR-2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HB1-1,3			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HB1-5,7			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HB1-9,11			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HB1-13,15			ZONE 3	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5	HB1-17,19			ZONE 4	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	HB1-21,23			ZONE 4	TWO POLE	7300	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7	HB1-25,27			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
8	HB1-29,31			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
9	HB1-33,35			ZONE 4	TWO POLE	7300	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
10	HB1-37,39			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
11	HB1-2,4			SITE	TWO POLE	5200	PHOTOCELL/TIME CLOCK CONTROL
12	HB1-6,8			SITE	TWO POLE	5500	PHOTOCELL/TIME CLOCK CONTROL
13	HB1-10,12			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
14							
15	EHB1-1,3			ZONE 4	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
16	EHB1-5,7			ZONE 4	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
17							
18							
19							
20							

LC-B2 RELAY PANEL SCHEDULE — GR-2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HB2-1,3			ZONE 5	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HB2-5,7			ZONE 5	TWO POLE	6600	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HB2-2			ZONE 5	SINGLE POLE	2520	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4							
5	EHB2-1,3			ZONE 5	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	EHB2-2			ZONE 5	SINGLE POLE	1800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7	EHB2-4			SITE	SINGLE POLE	600	PHOTOCELL/TIME CLOCK CONTROL
8							
9							
10							

LC-B3 RELAY PANEL SCHEDULE — GR-2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HB3-1,3			ZONE 5	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HB3-5,7			ZONE 5	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HB3-9,11			ZONE 5	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HB3-13,15			ZONE 5	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5	HB3-17,19			ZONE 5	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	HB3-2			ZONE 5	SINGLE POLE	2800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7	HB3-4,6			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
8	HB3-8,10			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
9	HB3-12,14			SITE	TWO POLE	3300	PHOTOCELL/TIME CLOCK CONTROL
10	HB3-16,18			SITE	TWO POLE	2800	PHOTOCELL/TIME CLOCK CONTROL
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

LC-B4 RELAY PANEL SCHEDULE — GR-2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HB4-1,3			ZONE 6	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HB4-5,7			ZONE 6	TWO POLE	6600	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HB4-2			ZONE 6	SINGLE POLE	2520	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4							
5	EHB3-1,3			ZONE 6	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	EHB3-2			ZONE 6	SINGLE POLE	1800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7	EHB3-4			SITE	SINGLE POLE	800	PHOTOCELL/TIME CLOCK CONTROL
8							
9							
10							

LC-B5 RELAY PANEL SCHEDULE — GR-2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HB5-1,3			ZONE 6	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HB5-5,7			ZONE 6	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HB5-9,11			ZONE 6	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HB5-13,15			ZONE 6	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5	HB5-17,19			ZONE 6	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	HB5-2			ZONE 6	SINGLE POLE	2800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7							
8							
9							
10							

LC-B6 RELAY PANEL SCHEDULE — GR-2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HB6-1,3			ZONE 7	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HB6-5,7			ZONE 7	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HB6-9,11			ZONE 7	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HB6-13,15			SITE	TWO POLE	4400	PHOTOCELL/TIME CLOCK CONTROL
5	HB6-17,19			SITE	TWO POLE	2200	PHOTOCELL/TIME CLOCK CONTROL
6	HB6-21,23			SITE	TWO POLE	3900	PHOTOCELL/TIME CLOCK CONTROL
7	HB6-2			ZONE 7	SINGLE POLE	2100	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
8							
9	EHB4-1,3			ZONE 7	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
10	EHB4-2			ZONE 7	SINGLE POLE	1500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
11	EHB4-4			SITE	SINGLE POLE	300	PHOTOCELL/TIME CLOCK CONTROL
12							
13							
14							
15							
16							
17							
18							
19							
20							

LC-B7 RELAY PANEL SCHEDULE — GR-2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HB7-1,3			ZONE 7	TWO POLE	5100	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HB7-5,7			ZONE 7	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HB7-9,11			ZONE 7	TWO POLE	4700	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HB7-2			ZONE 7	SINGLE POLE	2400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5							
6							
7							
8							
9							
10							

LC-B9 RELAY PANEL SCHEDULE — GR-2448(SLAVE)

RELAY / CIRCUIT		CONTROL			LOAD CIRCUITS		
RELAY NO.	PANEL-BREAKER	LUMA-NET CHANNEL	DMX CHANNEL	CONTROL ZONE	RELAY TYPE	LOAD WATTS	NOTES
1	HB9-1,3			ZONE 3	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
2	HB9-5,7			ZONE 3	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
3	HB9-9,11			ZONE 3	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
4	HB9-13,15			ZONE 3	TWO POLE	4400	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
5	HB9-17,19			ZONE 4	TWO POLE	6600	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
6	HB9-21,23			ZONE 4	TWO POLE	7300	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
7	HB9-25,27			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
8	HB9-29,31			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
9	HB9-33,35			ZONE 4	TWO POLE	6600	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
10	HB9-37,39			ZONE 4	TWO POLE	5800	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
11							
12	EHB5-1,3			ZONE 4	TWO POLE	5500	PROGRAMMED CONTROL W/MANUAL OVERRIDE SW.
13	EHB5-2			SITE	SINGLE POLE	400	PHOTOCELL/TIME CLOCK CONTROL
14							
15							
16							
17							
18							
19							
20							

LEGEND

LC-B1	LC-B2	LC-B3
LC-B4	LC-B6	LC-B7
LC-B7	LC-B9	

MACGREGOR ASSOCIATES ARCHITECTS

2839 Paces Ferry Road, Suite 500
Atlanta, Georgia 30339
T 770.432.9400 F 770.432.9934

SEAL

GEORGIA REGISTERED PE# 21385 PROFESSIONAL ENGINEER TIMOTHY E. MCLEAN

7/31/13

CONSULTANT

JORDAN & SKALA ENGINEERS

4275 SHACKLEFORD RD, SUITE 200
NORCROSS, GA 30093-2997
V: (770) 447-5547 F: (770) 448-0262

PRINT RECORD

NUMBER	DATE	DESCRIPTION
	06/20/2013	PROGRESS/REVIEW
	07/08/2013	75% REVIEW
	07/31/2013	ISSUED FOR BID/PERMIT
1	08/09/2013	ADDENDUM NO. 1

PROJECT INFORMATION

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DATE	PROJECT NO
07/31/2013	2013-018

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E-612

FOR CONSTRUCTION