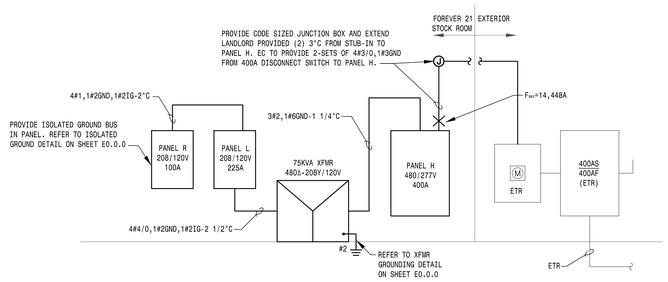
ELECTRICAL LOAD SUMMARY				
LOAD DESCRIPTION		KW (CONNECTED)	NEC DEMAND	KW (DEMAND)
Total Lighting Load "L"		5.10	125%	6.37
Total Track lighting Load "D"	0 FT	26.88	NEC	33.60
Total Receptacle Load "R"		11.60	NEC	10.80
Total Show Window Load "C"	20 FT	0.36	NEC	4.00
Total Motor Load "M"		105.46	100%	105.46
Total Electric Heat Load "H"		0.00	100%	0.00
Total Misc Load "X"		16.70	100%	16.70
Kitchen Appliance Load "K"		0.00	65%	0.00
FUTURE LOAD		0.00	100%	0.00
TOTAL LOAD (KW)		166.09		176.92
TOTAL LOAD (AMPS)		199.8		212.6

TRACK LIGHTING LENGTH IS INDICATED AS 0 BECAUSE THE TRACK LIGHTING LOAD "D" IS CALCULATED AT 80% OF THE CURRENT LIMITING DEVICE.

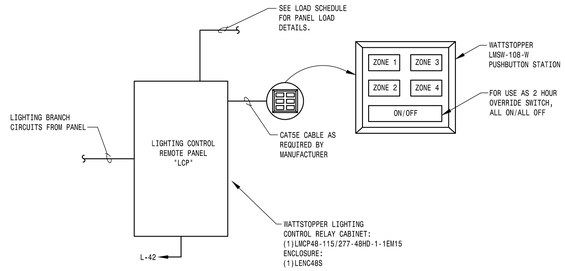
MECHANICAL/PLUMBING EQUIPMENT CONNECTION SCHEDULE

DESCRIPTION	VOLTAGE	PHASE	MCA	MOCP	CONDUIT AND WIRE	PANEL	CIRCUIT NUMBER	NOTES
RTU-1	480V	3Ø	28	35	3#8,1#10GND-3/4"C	H	13, 15, 17	1
RTU-2	480V	3Ø	28	35	3#8,1#10GND-3/4"C	H	19, 21, 23	1
RTU-3	480V	3Ø	28	35	3#8,1#10GND-3/4"C	H	25, 27, 29	1
RTU-4	480V	3Ø	28	35	3#8,1#10GND-3/4"C	H	14, 16, 18	1
RTU-5	480V	3Ø	15	20	3#12,1#12GND-3/4"C	H	20, 22, 24	1
EF-1	120V	1Ø	0.71	20	2#12,1#12GND-3/4"C	H	3	2
EF-2	120V	1Ø	0.41	20	2#12,1#12GND-3/4"C	H	3	2
EWH-1	208V	1Ø	14.40	20	2#12,1#12GND-3/4"C	R	40, 42	3

NOTES:
1. EQUIPMENT PROVIDED WITH UNIT MOUNTED CIRCUIT BREAKER DISCONNECT AND UNPOWERED CONVENIENCE OUTLET.
2. EQUIPMENT PROVIDED WITH INTEGRAL DISCONNECT SWITCH.
3. EC TO PROVIDE 20A/2P DISCONNECT SWITCH.



1 ONE-LINE DIAGRAM
E6.0.0 SCALE: NONE



2 LIGHTING CONTROL RISER DIAGRAM
E6.0.0 SCALE: NONE

LIGHTING CONTROL NOTES:
PROVIDE FACTORY-CERTIFIED FIELD SERVICE ENGINEER TO A SITE VISIT TO ENSURE PROPER SYSTEM INSTALLATION AND OPERATION UNDER FOLLOWING PARAMETERS:
1. QUALIFICATIONS FOR FACTORY-CERTIFIED FIELD SERVICE ENGINEER:
   a. CERTIFIED BY THE EQUIPMENT MANUFACTURER ON THE SYSTEM INSTALLED.
2. MAKE A VISIT UPON COMPLETION OF INSTALLATION OF LIGHTING CONTROL SYSTEM:
   a. VERIFY CONNECTION OF POWER FEEDS AND LOAD CIRCUITS.
   b. VERIFY CONNECTION WALLSTATION CONTROLS.
   c. VERIFY PROPER INTERCONNECTION OF PANELS.
   d. VERIFY SYSTEM OPERATION CONTROL BY CONTROL, CIRCUIT BY CIRCUIT.
   e. OBTAIN SIGN-OFF ON SYSTEM FUNCTIONS.
   f. USER TO BE TRAINED ON SYSTEM OPERATION.

LIGHTING RELAY PANEL LCP SCHEDULE

RELAY NO.	CONTROL TYPE	CONTROL EM	CONTROL BUTTON	LOAD VAC	LOAD CIRCUIT #	LOAD FIXTURE TYPE
1	S	N	ZONE #1	277	H-1	GENERAL SALES LIGHTING
2	S	N	ZONE #1	277	H-3	FITTING/STOCK LIGHTING
3	S	N	ZONE #2	277	H-5	SALES DISPLAY LIGHTING
4	S	N	ZONE #5	277	H-4	ENTRY LIGHTING
5	S	N	ZONE #5	277	H-6	EXTERIOR LIGHTING
6	S	N		277	-	SPARE
7	S	N		277	-	SPARE
8	S	N		277	-	SPARE
9	S	N	ZONE #1	120	L-1	FITTING ROOM LIGHTING
10	S	N	ZONE #3	120	L-2	TRACK LIGHTING
11	S	N	ZONE #3	120	L-4	TRACK LIGHTING
12	S	N	ZONE #3	120	L-6	TRACK LIGHTING
13	S	N	ZONE #3	120	L-8	TRACK LIGHTING
14	S	N	ZONE #3	120	L-10	TRACK LIGHTING
15	S	N	ZONE #3	120	L-12	TRACK LIGHTING
16	S	N	ZONE #3	120	L-14	TRACK LIGHTING
17	S	N	ZONE #3	120	L-16	TRACK LIGHTING
18	S	N	ZONE #3	120	L-18	TRACK LIGHTING
19	S	N	ZONE #3	120	L-20	TRACK LIGHTING
20	S	N	ZONE #3	120	L-22	TRACK LIGHTING
21	S	N	ZONE #3	120	L-24	TRACK LIGHTING
22	S	N	ZONE #3	120	L-26	TRACK LIGHTING
23	S	N	ZONE #3	120	L-28	TRACK LIGHTING
24	S	N	ZONE #4	120	L-3	CASHWRAP LED LIGHT BOX
25	S	N	ZONE #4	120	R-3	FLOOR/CEILING RECEPTACLES
26	S	N	ZONE #5	120	L-5	SHOW WINDOW RECEPTACLES
27	S	N	ZONE #5	120	L-7	INTERIOR SIGN
28	S	N	ZONE #5	120	L-9	INTERIOR SIGN
29	S	N	ZONE #5	120	L-11	INTERIOR SIGN
30	S	N	ZONE #5	120	L-13	INTERIOR SIGN
31	S	N	ZONE #5	120	L-15	INTERIOR SIGN
32	S	N	ZONE #5	120	L-17	INTERIOR SIGN
33	S	N	ZONE #5	120	L-19	INTERIOR SIGN
34	S	N	ZONE #5	120	L-21	EXTERIOR SIGN
35	S	N	ZONE #5	120	L-23	EXTERIOR SIGN
36	S	N	ZONE #5	120	L-25	EXTERIOR SIGN
37	S	N	ZONE #5	120	L-27	EXTERIOR SIGN
38	S	N		120	-	SPARE
39	S	N		120	-	SPARE
40	S	N		120	-	SPARE
41-48						SPARES

LIGHTING ZONES NOTE:
LIGHTING ZONES HAVE BEEN ASSIGNED AS FOLLOWS:

ZONE 1 - GENERAL LIGHTING (DOWNLIGHTS, RESTROOMS, ETC.)
ZONE 2 - DISPLAY LIGHTING (FIXTURES WITH ADJUSTABLE HEADS)
ZONE 3 - ACCENT LIGHTING, TRACK LIGHTING (COVE, CHANDELIERS, ETC.)
ZONE 4 - CASEWORK LIGHTING AND FLOOR/CEILING RECEPTACLES
ZONE 5 - SHOW WINDOW/SIGNAGE *

VERIFY ZONING AND SCHEDULE WITH OWNER.

* ZONE 5 SHALL BE CONTROLLED VIA TIMECLOCK ONLY, NO MANUAL CONTROLS.
** EM RELAY SHALL BE NORMALLY CLOSED/ELECTRICALLY HELD, PROVIDE A VOLTAGE BARRIER FROM NORMAL RELAYS. CIRCUIT SHALL BE ENERGIZED DURING POWER FAILURE REGARDLESS OF SWITCHING RELAY POSITION.

FOREVER 21, INC.
3880 N. MISSION ROAD
LOS ANGELES, CA 90031
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START DATE: DECEMBER, 2014
F21 JOB NO: 3K-083
STORE NO: 0618
DRAWN: SJD

CHECKED: MAR

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PH: (817) 635-5696
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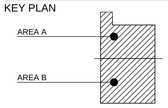
FOREVER 21
TENANT IMPROVEMENT
FREMAUX TOWN CENTER
1001 FREMAUX AVE.
SLIDELL, LA 70458

SUBMITTALS:
01.20.2015
LANDLORD PRELIM SUBMITTAL
03.05.2015
BID SET

REVISIONS

NO	DATE	DESCRIPTION

KEY PLAN


SHEET NAME
ONE LINE & RELAY SCHEDULE

SHEET NUMBER
E6.0.0

SCALE: NONE

BID_SET_20150305