

EXISTING

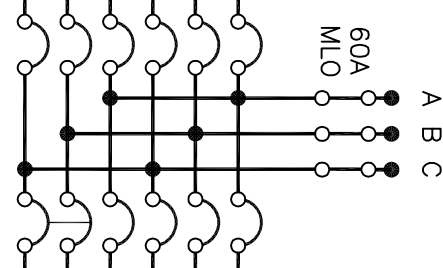
PANEL	"L"
VOLTAGE	120/240V,3PH,4W
MAIN	60/3 MLO
LOCATION	WAREHOUSE
MTG./TYPE	SURFACE/NEMA 1

MAIN BUSS: 60A
FEED FROM:
DISC. SW.

CONNECTED LOAD	VA	A
PHASE A	1,800	15
PHASE B	3,600	30
PHASE C	3,960	33
TOTAL	9,360	

MCB AIC = 22KA(C(MIN)
BCB'S AIC = 10KA(C(MIN)

CKT. NO.	W SIZE	LOAD DESCRIPTION	C/B
1	-	SPARE 20/1 ③	20
3	-	SPACE ①	-
5	-	SPARE 20/1 ③	20
7	12	2 REC'S - 360W ③	20
9	-	SPACE ①	-
11	12	2 REC'S - 360W	20



C/B	LOAD DESCRIPTION	W SIZE	CKT. NO.	LOAD A	LOAD B	LOAD C
20	NEW LIGHTING-1,470W ②	12	2	12		
-	SPACE ①	-	4		-	
20	SPARE (20./1) ③	-	6			-
	SPACE	-	8	3		
40	FORK-LIFT CHARGER-7,248W	8	10		30	
↘	2#8,1#10(G),1/2"C	8	12			33

- NOTE:
1. NO SINGLE CIRCUIT BREAKER CONNECT TO HI-LEG.
 2. INSTALL A NEW SINGLE POLE CIRCUIT BREAKER.
 3. EXISTING CIRCUIT BREAKER AND LOADS TO REMAIN AS IS.

ELECTRICAL LOAD ANALYSIS-

PROPOSED LOADS:

. INSIDE LIGHTS---9,013 SQ FT 0.25 W/SQ FT x 125%-----= 2,817 VA
. NO MOTORS-----= -0-
. NO HTG > AC-----= -0-

SUBTOTAL ELECTRICAL LOAD-----= 2,817 VA

EXISTING LOADS:

. CENTERPOINT ENERGY PEAK LOAD IN A YEAR
. 56 KVA x 125%-----= 70,000 VA

SUBTOTAL ELECTRICAL LOAD-----= 70,000 VA

TOTAL ELECTRICAL LOAD-----= 72,817 VA

SUMMARY AMPS @ 120/240V,3PH,4W
PROP. LOAD PH A PH B PH C N
. INSIDE LIGHTS----- 11.7A ----- 0- ----- 11.7A ----- 11.7A

SUBTOTAL CONNECTED LOAD AMPS:

PH A PH B PH C N
11.7A ----- 0- ----- 11.7A ----- 11.7A

EXIST. LOAD PH A PH B PH C N
. CPE PEAK LOAD--- 248.6A ----- 59.0A ----- 248.6A ----- 189.6A

SUBTOTAL CONNECTED LOAD AMPS:

PH A PH B PH C N
248.6A ----- 59.0A ----- 248.6A ----- 189.6A

TOTAL CONNECTED LOAD AMPS:

PH A PH B PH C N
260.3A ----- 59.0A ----- 260.3A ----- 201.3A



ELECTRICAL SCHEDULES PROPOSED WAREHOUSE ADDITION
LOCATED AT

7126 Kirbyville
HOUSTON TX 77033

07/18/2010
DATE

M.A.
CHECK BY

M.A.
DRAWN BY

SCALE

PRO. NO.

ELECTRICAL SCHEDULES
NO SCALE

SHEET:
E-2