



LIGHTING
SCALE: 1/4" = 1'-0"

FIXTURE SCHEDULE:

- F1 LITHONIA 2GT6-5-32 A1 2-AVOLT-GRB I05, GENERAL FLUORESCENT 2' X 4' W-A-N FIXTURE WITH ONE 3-LAMP TB BALLAST AND A1 2 AGENTIC LENS.
- F2 LITHONIA 1B-5-33-AVOLT-GRB I05, LOW PROFILE FLUORESCENT 4' W-A-R-ROUND FIXTURE WITH ONE 2-LAMP TB BALLAST.
- F3 LITHONIA WC-2-17-AVOLT-GRB I05, WALL MOUNTED 2' FLUORESCENT FIXTURE WITH ONE 1-LAMP TB BALLAST.
- F4 LITHONIA 17X-CAT 1, 6" INCANDESCENT RECESSED CAN WITH SHOWER TRAY.
- F5 LITHONIA TML-4-STR-AVOLT-UP, OUTDOOR FLUORESCENT WALL PACK FIXTURE.
- F6 LITHONIA 17X-702A, 6" INCANDESCENT RECESSED CAN WITH CEILING REFLECTOR, NARROW FLANGE TRIM.
- F7 LITHONIA 1B-654 X05, HIGH BAY FLUORESCENT FIXTURE WITH 15 HIGH OUTPUT LAMPS, ONE 2-LAMP BALLAST FOR INNER TWO LAMPS AND ONE 4-LAMP BALLAST FOR THE OUTER FOUR LAMPS.
- F8 LITHONIA C-2-32-AVOLT-GRB I05, GENERAL FLUORESCENT STRIP, 4' 2-LAMP T8.
- EM LITHONIA BMS-8, COMPARTMENT BOX AND EMERGENCY FIXTURE WITH THERMOPLASTIC INSULATING AND RED LENSING.

SPECIFIC NOTES:

- 1) F5 FIXTURES SHALL BE CONTROLLED BY PHOTOCELL.
- 2) CONNECT EXHAUST FAN TO BE SWITCHED WITH LIGHT FIXTURES. EXHAUST FAN BY MECHANICAL CONTRACTOR.
- 3) INSTAL LIGHT SWITCH AND TWO F8 FIXTURES ON MEZZANINE ABOVE OFFICE AREA.
- 4) CONNECT LIGHTING CIRCUITS TO PANEL LP-20 WITH 3 #12 THRM IN 1/2" C.

PANEL: HP
LOCATION: BULK SYSTEMS WAREHOUSE
FEEDER SOURCE: CLECO

VOLTAGE: 480/277V, 400A 3Ø, 4W, MICO
SURFACE MOUNTED W/ EQUIPMENT GND BAR
BOTTOM BRN 25000 MC

CCT	TRAILER WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER	LOAD (VA)	LOAD (VA)	LOAD (VA)	LOAD (VA)	BREAKER	LOAD DESCRIPTION	TRAILER WIRE SIZE	CCT
1					12000							2
3	#6	F-1 TRANSFORMER		60	3	12000	20000	3	90	OVENE	#3	4
5					18000							6
7					6000							8
9	#6	WELD 1		30	3	6000	6000	3	30	WELD 2	#6	10
11					6000							12
13					6000							14
15	#6	WELD 3		30	3	6000	6000	3	30	WELD 4	#6	16
17					6000							18
19					6000							20
21	#12	COMPRESSOR		30	3	6000	6000	3	60	WELD 5 & 6	#6	22
23					6000							24
25		SPACE								WAREHOUSE LIGHTING	#12	26
27		SPACE								SPACE		28
29		SPACE								SPACE		30
31												32
33												34
35												36
37												38
39												40
41												42
					TOTAL CONNECTED LOAD (VA)=253,000						GROUND BUS	
					AMP=630.000 500=60.000 200=60.000						GROUND WIRE (Ø)	

PANEL: LP
LOCATION: BULK SYSTEMS WAREHOUSE
FEEDER SOURCE: CLECO

VOLTAGE: 208/120V, 150A 3Ø, 4W, MICO
SURFACE MOUNTED W/ EQUIPMENT GND BAR
BOTTOM BRN 10000 MC

CCT	TRAILER WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER	LOAD (VA)	LOAD (VA)	LOAD (VA)	LOAD (VA)	BREAKER	LOAD DESCRIPTION	TRAILER WIRE SIZE	CCT
1	#6	A/C COMPRESSOR		30	2	720	1680	2	30	AIR DRYER UNIT	#6	4
3		R-112 TON/5, W/O A-12				720	1680	2	1/2 TON/5, W/O A-28			6
5	#12	RESTROOM GFCI RECEPTACLE		20	1	160	1600	2	30	DRYER RECEPTACLE	#10	8
7	#12	RESTROOM GFCI RECEPTACLE		20	1	160	1600	2	30	DRYER RECEPTACLE	#10	8
9	#10	3-50 AMP W/2N 120/208 50 BALLON		30	2	4500	6400	1	20	GFCI RECEPTACLES SHOT WALL	#12	10
11						4500	6400	1	20	GFCI RECEPTACLES SHOT WALL	#12	12
13	#12	WASHING MACHINE RECEPTACLE		20	1	1600	4800	1	20	OFFICE RECEPTACLES	#12	14
15	#12	OFFICE RECEPTACLES		20	1	640	3200	1	20	OFFICE RECEPTACLES	#12	16
17	#12	GFCI RECEPTACLES W/2N MC		20	1	480	1400	1	20	OFFICE LIGHTING	#12	18
19	#12	GFCI RECEPTACLES SHAW WALL		20	1	640	1600	1	20	NIGHT 7 INCANDESCENT SPOTLIGHT FANS & LIGHTS UTILTY LIGHTS	#12	20
21	#12	MEZZANINE LIGHTS		20	1	400	1600	1	20	SPACE	#12	22
23		SPACE								SPACE		24
25		SPACE								SPACE		26
27		SPACE								SPACE		28
29		SPACE								SPACE		30
31												32
33												34
35												36
37												38
39												40
41												42
					TOTAL CONNECTED LOAD (VA)=180						GROUND BUS	
					AMP=6.000 500=6.000 200=6.000						GROUND WIRE (Ø)	

BULK SYSTEM'S NEW OFFICE/WAREHOUSE BUILDING

1226 FREMEXIA AVENUE
SLIDELL, LOUISIANA 70455

JOB No: 2173 DATE: 04-23-2013
DRAWN BY: RJK/JTL CHECKED BY:



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LIGHTING PLAN

SHEET No: 19 OF 20

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REVISIONS

#	DESCRIPTION	DATE