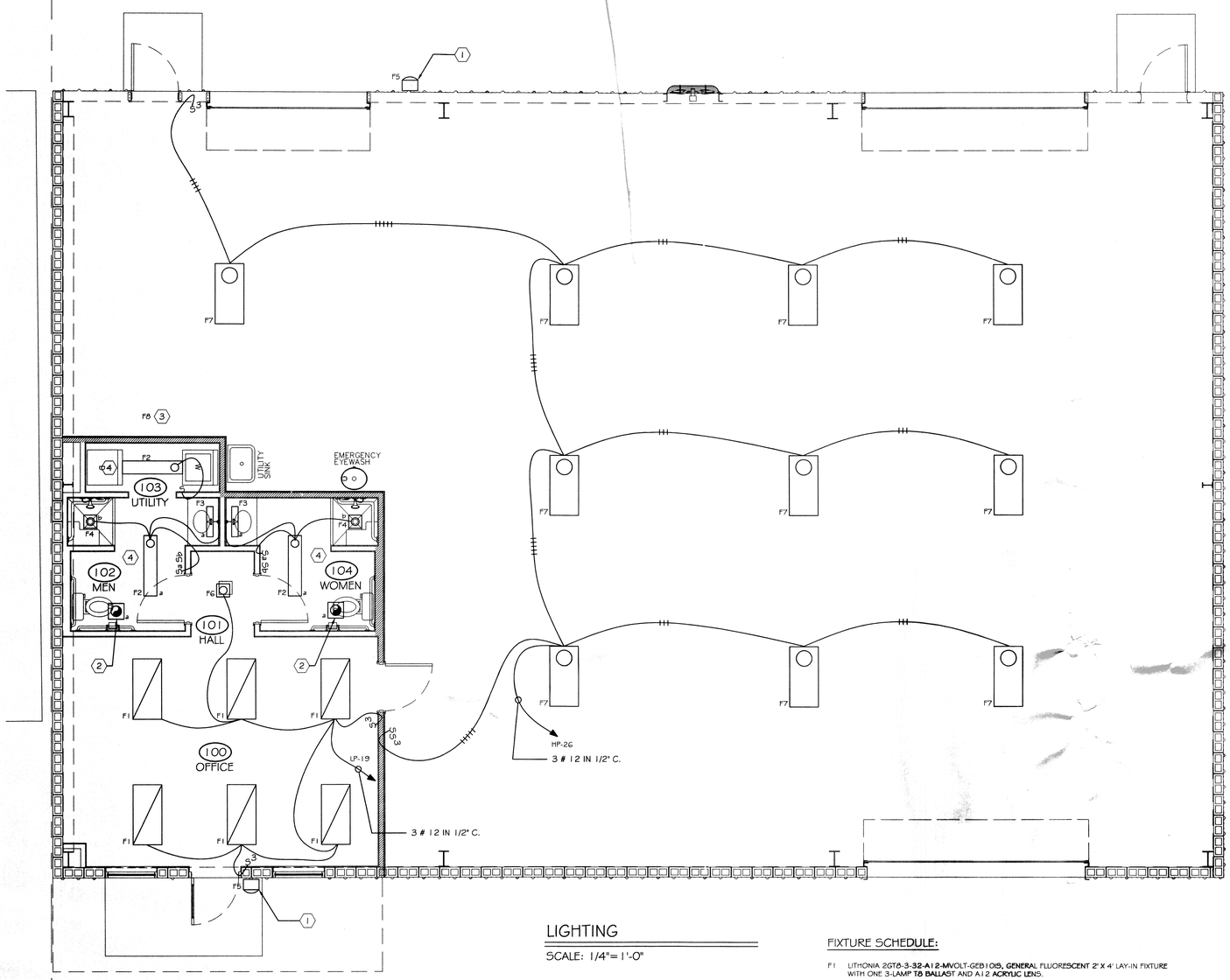

LIGHTING

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

FIXTURE SCHEDULE:

F1 LITHONIA 2GT8-3-32-A12-MVOLT-GEB101S, GENERAL FLUORESCENT 2' X 4' LAY-IN FIXTURE WITH ONE 3-LAMP T8 BALLAST AND A12 ACRYLIC LENS.

F2 LITHONIA LB-2-32-MVOLT-GEB101S, LOW PROFILE FLUORESCENT 4' WRAPAROUND FIXTURE WITH ONE 2-LAMP T8 BALLAST.

F3 LITHONIA WC-2-17-MVOLT-GEB101S, WALL MOUNTED 2' FLUORESCENT FIXTURE WITH ONE 1-LAMP T8 BALLAST.

F4 LITHONIA L7X-CLF1, 6" INCANDESCENT RECESSED CAN WITH SHOWER TRIM.

F5 LITHONIA TWL-42TRT-MVOLT-LPI, OUTDOOR FLUORESCENT WALL PACK FIXTURE.

F6 LITHONIA L7X-702A, 6" INCANDESCENT RECESSED CAN WITH CLEAR REFLECTOR, NARROW FLANGE TRIM.

F7 LITHONIA IB-654L-WDS, HIGH BAY FLUORESCENT FIXTURE WITH T5 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-MVOLT-GEB101S, GENERAL FLUORESCENT STRIP, 4', 2-LAMP T8.

EXM LITHONIA BWC-R, COMBINATION EXIT AND EMERGENCY FIXTURE WITH THERMOPLASTIC HOUSING AND RED LETTERING.

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. INSTALL LIGHT SWITCH AND TWO F8 FIXTURES ON MEZZANINE ABOVE OFFICE AREA.
4. CONNECT LIGHTING CIRCUITS TO PANEL LP-20 WITH 3 #12 THHN IN 1/2" C.

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

VOLTAGE: 480/277V, 400A 3Ø, 4W, MLO
SURFACE MOUNTED W/EQUIPMENT GND BAR
BOLTON BRK 22000 AIC

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT. NO.
1					12000	20000					2
3	#6	T-1 TRANSFORMER	60	3	12000	20000	3	90	CRANE	#3	4
5					12000	20000					6
7					6000	6000					8
9	#8	WELD 1	30	3	6000	6000	3	30	WELD 2	#8	10
11					6000	6000					12
13					6000	6000					14
15	#8	WELD 3	30	3	6000	6000	3	30	WELD 4	#8	16
17					6000	6000					18
19					6000	6000					20
21	#12	COMPRESSOR	30	3	6000	6000	3	60	WELD 5 & 6	#6	22
23					6000	6000					24
25	-	SPACE	-	-	-	1800	1	20	WAREHOUSE LIGHTING	#12	26
27	-	SPACE	-	-	-	-	-	-	SPACE	-	28
29	-	SPACE	-	-	-	-	-	-	SPACE	-	30
31											32
33											34
35											36
37											38
39											40
41											42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)=205,800
A@=69,800 B@=68,000 C@=68,000

GROUND BUS
GROUND WIRE (G)

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

VOLTAGE: 208/120V, 150A 3Ø, 4W, MLO
SURFACE MOUNTED W/EQUIPMENT GND BAR
BOLTON BRK 10000 AIC

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	A@ B@ C@	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT. NO.
1	#6	A/C COMPRESSOR 2 1/2 TONS, MCA = 12	30	2	720		1680	2	30	AHU (5 kw Heat) 2 1/2 TONS, MCA = 28	#6	2
3					720		1680					4
5	#12	RESTROOM GFCI RECEPTACLE	20	1	180		1800	2	30	DRYER RECEPTACLE	#10	6
7	#12	RESTROOM GFCI RECEPTACLE	20	1	180		1800					8
9	#10	ELECTRIC WATER HEATER 50 GALLON	30	2	4500		640	1	20	GFCI RECEPTACLES EAST WALL	#12	10
11					4500		640	1	20	GFCI RECEPTACLES EAST WALL	#12	12
13	#12	WASHING MACHINE RECEPTACLE	20	1	1600		480	1	20	OFFICE RECEPTACLES	#12	14
15	#12	OFFICE RECEPTACLES	20	1	640		320	1	20	GFCI RECEPTACLES	#12	16
17	#12	GFCI RECEPTACLES NEAR A/C	20	1	480		1400	1	20	OFFICE LIGHTING	#12	18
19	#12	GFCI RECEPTACLES REAR WALL	20	1	640		1600	1	20	MENS & WOMENS EXHAUST FANS & LIGHTS; UITILITY LIGHTS	#12	20
21	#12	MEZZANINE LIGHTS	20	1	400		-	1	20	SPARE	#12	22
23	-	SPACE	-	-	-		-	-	-	SPACE	-	24
25	-	SPACE	-	-	-		-	-	-	SPACE	-	26
27	-	SPACE	-	-	-		-	-	-	SPACE	-	28
29	-	SPACE	-	-	-							30
31												32
33												34
35												36
37												38
39												40
41												42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)=26,760
A@=8,880 B@=8,900 C@=8,980

GROUND BUS
GROUND WIRE (G)

432238
REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO

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BULK SYSTEMS NEW OFFICE/WAREHOUSE BUILDING
1220 FREMEAUX AVENUE
SLIDELL, LOUISIANA 70458

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

#	DESCRIPTION	DATE
	REVISIONS	

KEVIN J. KINCHEN Reg. No. 5580 STATE OF LOUISIANA REGISTERED ARCHITECT
4/30/13

LIGHTING PLAN

SHEET No: 19 OF 20

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