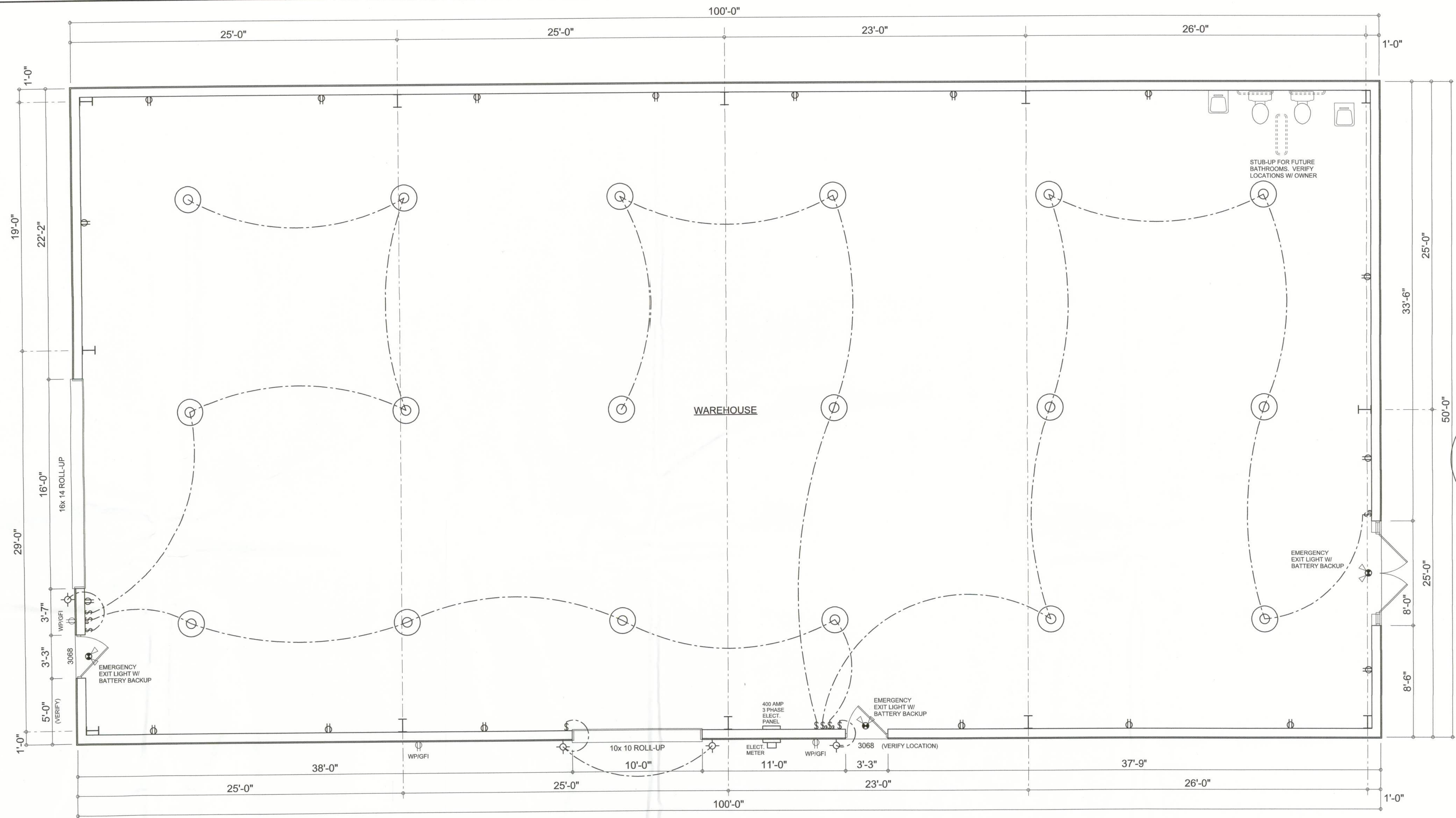
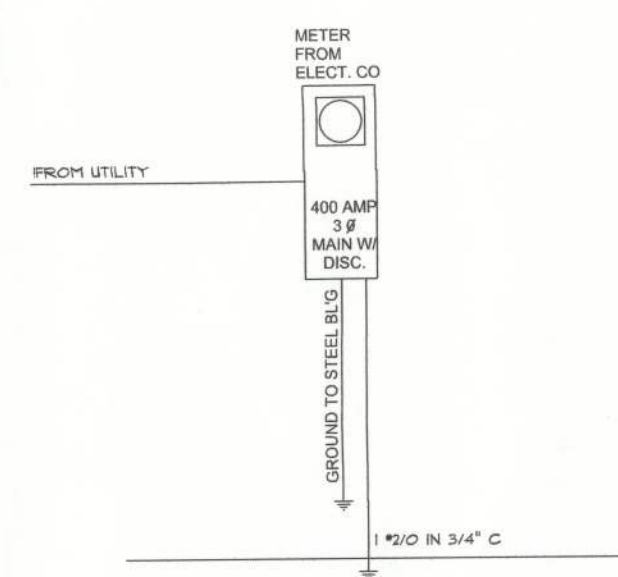


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FLOOR PLAN
SCALE: 1/4" = 1'-0"



RISER DIAGRAM
SCALE: NTS

ELECTRICAL LEGEND

- ELECTRICAL PANEL
- 100W METAL HALIDE WALL PACK
- RECESSED INCANDESCENT LIGHT FIXTURE - CEILING MOUNTED
- 400W METAL HALIDE LIGHT FIXTURE
- 150W RECESSED EXTERIOR USE CAN LIGHT
- 90 CFM EXHAUST FAN/LITE - CEILING MOUNTED
- WALL SWITCH
- 3-WAY WALL SWITCH
- DUPLEX OUTLET
- 220V DUPLEX OUTLET
- SMOKE DETECTOR
- VERIFY QUANT. AND LOCATIONS WITH FIRE MARSHAL
- LIGHTED EXIT SIGN W/ BATTERY BACK-UP
- FIRE EXTINGUISHER

ELECTRICAL - ELECTRICAL CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK INCLUDING RISER DIAGRAM, ANY CHANGES TO THE ELECTRICAL PLAN, WIRE SIZES, TYPE, AND LOCATION. EQUIPMENT SCHEDULE WITH TYPE, RATINGS, AND LOADS, PANEL SCHEDULE WITH ALL CIRCUITS IDENTIFIED WITH CIRCUIT NUMBER, DESCRIPTION, CIRCUIT CAPACITY. ELECTRICAL WORK SHALL BE INSTALLED ACCORDING TO THE PLANS AND ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION. ELECTRICAL CONTRACTOR SHALL CALCULATE TOTAL CONNECTED LOAD PER NEC BASED ON THE ELECTRICAL LOAD OF EQUIPMENT SELECTED FOR THE FACILITY AND THE ANTICIPATED DEMAND FACTORS PROVIDED BY THE OWNER. SERVICE, FEEDER, AND BRANCH CIRCUIT CONDUCTORS AND EQUIPMENT ARE TO BE SELECTED AND SIZED BASED ON ACTUAL LOADS OF OWNER SELECTED EQUIPMENT AND ANTICIPATED DEMAND FACTORS. OWNER SHALL SELECT LIGHTING FIXTURES.

LIFE SAFETY - IT IS CONTRACTOR / OWNER'S RESPONSIBILITY TO REQUEST LIFE SAFETY REVIEW BY THE FIRE MARSHAL. ALL LIFE SAFETY REQUIREMENTS ARE TO BE AS SPECIFIED BY THE FIRE MARSHAL. EMERGENCY LIGHTING AND EXIT SIGNS SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL AND SHALL BE WIRED PER NEC 700-127. EMERGENCY LIGHTING AND EXIT SIGN LOCATIONS SHOWN ON THE PLANS ARE SUGGESTIONS ONLY.

PNL "A": 400A - MLO - 120/208V - 3- - SW 10K A.I.C. - FLUSH - 42 SLOT													
CIR. N°	LOCATION	TRIP/ POLES	WIRE SIZE	LOAD	~A KW	~B KW	~C KW	LOAD	WIRE SIZE	TRIP/ POLES	LOCATION	CIR. N°	
1	O/S LIGHTING	20A/1P	12TW	0.40	1.12	-	-	0.72	12TW	20A/1P	O/S GFI RECEPT	2	
3	GP RECEPT	20A/1P	12TW	1.08	-	2.16	-	1.08	12TW	20A/1P	GP RECEPT	4	
5	400W MH LTG	20A/2P	12TW	1.60	-	-	2.68	1.08	12TW	20A/2P	400W MH LTG	6	
7	W/ CIR. 5	20A/2P	12TW	1.60	2.40	-	-	0.80	12TW	20A/2P	400W MH LTG	8	
9	400W MH LTG	20A/2P	12TW	1.20	-	2.00	-	0.80	12TW	20A/2P	W/ CIR. 8	10	
11	W/ CIR. 9	20A/2P	12TW	1.20	-	-	1.20	0	12TW	20A/2P	SPACE	12	
13	SPARE	-	-	3.44	6.88	-	-	3.44	-	-	SPACE	14	
15	-	-	-	3.44	-	6.88	-	3.44	-	-	-	16	
17	-	-	-	3.44	-	-	6.88	3.44	-	-	-	18	
19	-	-	-	3.44	6.88	-	-	3.44	-	-	-	20	
21	-	-	-	3.44	-	6.88	-	3.44	-	-	-	22	
23	-	-	-	3.44	-	-	6.88	3.44	-	-	-	24	
25	-	-	-	3.44	6.88	-	-	3.44	-	-	-	26	
27	-	-	-	3.44	-	6.88	-	3.44	-	-	-	28	
29	-	-	-	3.44	-	-	6.88	3.44	-	-	-	30	
31	-	-	-	3.44	6.88	-	-	3.44	-	-	-	32	
33	-	-	-	3.44	-	6.88	-	3.44	-	-	-	34	
35	-	-	-	3.44	-	-	6.88	3.44	-	-	-	36	
37	-	-	-	3.44	6.88	-	-	3.44	-	-	-	38	
39	-	-	-	3.44	-	6.88	-	3.44	-	-	-	40	
41	SPARE	-	-	3.44	-	-	6.88	3.44	-	-	SPACE	42	
~A 37.92 KW / 120 V = 316.0 AMPERS					37.92	38.56	38.28						
~B 38.56 KW / 120 V = 321.3 AMPERS													
~C 38.28 KW / 120 V = 318.0 AMPERS													
FEEDER SIZE: 2 - 3" C. EA. W/ 3 * 3/0 - THW - Cu, 1 * 1/0 - THW - Cu - Neut. - 1 * 4 - Cu - GND													

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
June 13, 2011

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Lake City, FL 32055
(386) 755-9021

JOINT VENTURED WITH

WILLIAM MYERS
DESIGN INC.
P.O. BOX 1513
LAKE CITY, FL 32055
(386) 758-8406
will@willmyers.net



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DATE:
10 JUN 2011

SHEET NUMBER
A.3
OF 3 SHEETS