

NOTES:

The ID number is not intended to identify a specific circuit breaker or location from the load center but to identify the circuit only.
Circuits shall be balanced between phases as far as possible in accordance with N.E.C. Section 310.

WIRING CODE:

- 15 amp circuits 60 conductors
 - 20 amp circuits 80 conductors
 - 25 amp circuits 100 conductors
 - 30 amp circuits 120 conductors
 - 40 amp circuits 160 conductors or 14
 - 45 amp circuits 180 conductors
 - 50 amp circuits 200 conductors
 - 60 amp circuits 240 conductors
 - 75 amp circuits 300 conductors
 - 100 amp circuits 400 conductors
 - 125 amp circuits 500 conductors
 - 150 amp circuits 600 conductors
 - 200 amp circuits 800 conductors
 - 250 amp circuits 1000 conductors
 - 300 amp circuits 1200 conductors
 - 400 amp circuits 1600 conductors
 - 500 amp circuits 2000 conductors
 - 600 amp circuits 2400 conductors
 - 800 amp circuits 3200 conductors
 - 1000 amp circuits 4000 conductors
- 75C amp temperature rating with equipment connections listed and identified for 75C Type THW or THHN
• Type MM table from 60° column table 310-104

TABLE

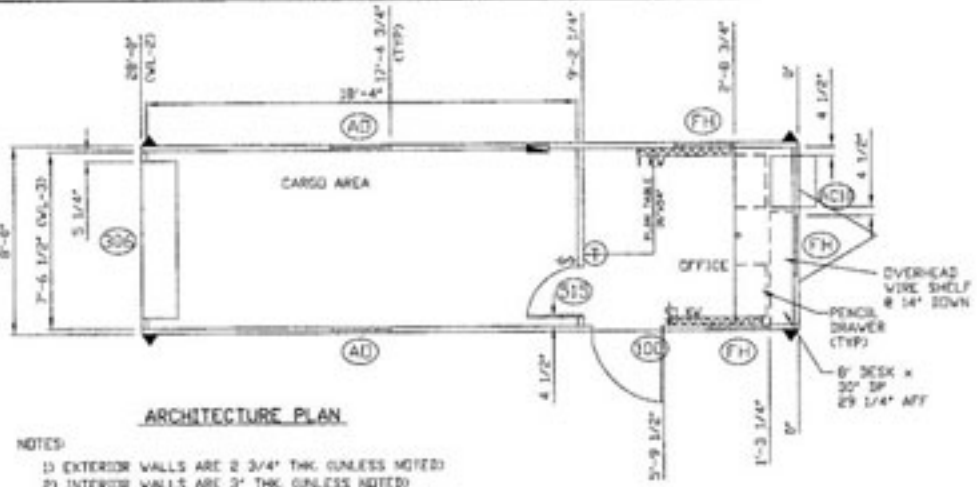
ELECTRICAL LOAD CALCULATIONS

NO.	AMPS/NO. CIRCUITS	DESCRIPTION	CONNECTED LOAD	DIV. LOAD	FACTORS	TOTAL LOAD
1	75C	1000	1000	1000	1.0	1000
2	150	1000	1000	1000	1.0	1000
3	150	1000	1000	1000	1.0	1000
4	150	1000	1000	1000	1.0	1000
5	150	1000	1000	1000	1.0	1000
6	150	1000	1000	1000	1.0	1000
7	150	1000	1000	1000	1.0	1000
8	150	1000	1000	1000	1.0	1000
9	150	1000	1000	1000	1.0	1000
10	150	1000	1000	1000	1.0	1000
11	150	1000	1000	1000	1.0	1000
12	150	1000	1000	1000	1.0	1000
13	150	1000	1000	1000	1.0	1000
14	150	1000	1000	1000	1.0	1000
15	150	1000	1000	1000	1.0	1000
16	150	1000	1000	1000	1.0	1000
17	150	1000	1000	1000	1.0	1000
18	150	1000	1000	1000	1.0	1000
19	150	1000	1000	1000	1.0	1000
20	150	1000	1000	1000	1.0	1000
21	150	1000	1000	1000	1.0	1000
22	150	1000	1000	1000	1.0	1000
23	150	1000	1000	1000	1.0	1000
24	150	1000	1000	1000	1.0	1000
25	150	1000	1000	1000	1.0	1000
26	150	1000	1000	1000	1.0	1000
27	150	1000	1000	1000	1.0	1000
28	150	1000	1000	1000	1.0	1000
29	150	1000	1000	1000	1.0	1000
30	150	1000	1000	1000	1.0	1000
31	150	1000	1000	1000	1.0	1000
32	150	1000	1000	1000	1.0	1000
33	150	1000	1000	1000	1.0	1000
34	150	1000	1000	1000	1.0	1000
35	150	1000	1000	1000	1.0	1000
36	150	1000	1000	1000	1.0	1000
37	150	1000	1000	1000	1.0	1000
38	150	1000	1000	1000	1.0	1000
39	150	1000	1000	1000	1.0	1000
40	150	1000	1000	1000	1.0	1000
41	150	1000	1000	1000	1.0	1000
42	150	1000	1000	1000	1.0	1000
43	150	1000	1000	1000	1.0	1000
44	150	1000	1000	1000	1.0	1000
45	150	1000	1000	1000	1.0	1000
46	150	1000	1000	1000	1.0	1000
47	150	1000	1000	1000	1.0	1000
48	150	1000	1000	1000	1.0	1000
49	150	1000	1000	1000	1.0	1000
50	150	1000	1000	1000	1.0	1000
51	150	1000	1000	1000	1.0	1000
52	150	1000	1000	1000	1.0	1000
53	150	1000	1000	1000	1.0	1000
54	150	1000	1000	1000	1.0	1000
55	150	1000	1000	1000	1.0	1000
56	150	1000	1000	1000	1.0	1000
57	150	1000	1000	1000	1.0	1000
58	150	1000	1000	1000	1.0	1000
59	150	1000	1000	1000	1.0	1000
60	150	1000	1000	1000	1.0	1000
61	150	1000	1000	1000	1.0	1000
62	150	1000	1000	1000	1.0	1000
63	150	1000	1000	1000	1.0	1000
64	150	1000	1000	1000	1.0	1000
65	150	1000	1000	1000	1.0	1000
66	150	1000	1000	1000	1.0	1000
67	150	1000	1000	1000	1.0	1000
68	150	1000	1000	1000	1.0	1000
69	150	1000	1000	1000	1.0	1000
70	150	1000	1000	1000	1.0	1000
71	150	1000	1000	1000	1.0	1000
72	150	1000	1000	1000	1.0	1000
73	150	1000	1000	1000	1.0	1000
74	150	1000	1000	1000	1.0	1000
75	150	1000	1000	1000	1.0	1000
76	150	1000	1000	1000	1.0	1000
77	150	1000	1000	1000	1.0	1000
78	150	1000	1000	1000	1.0	1000
79	150	1000	1000	1000	1.0	1000
80	150	1000	1000	1000	1.0	1000
81	150	1000	1000	1000	1.0	1000
82	150	1000	1000	1000	1.0	1000
83	150	1000	1000	1000	1.0	1000
84	150	1000	1000	1000	1.0	1000
85	150	1000	1000	1000	1.0	1000
86	150	1000	1000	1000	1.0	1000
87	150	1000	1000	1000	1.0	1000
88	150	1000	1000	1000	1.0	1000
89	150	1000	1000	1000	1.0	1000
90	150	1000	1000	1000	1.0	1000
91	150	1000	1000	1000	1.0	1000
92	150	1000	1000	1000	1.0	1000
93	150	1000	1000	1000	1.0	1000
94	150	1000	1000	1000	1.0	1000
95	150	1000	1000	1000	1.0	1000
96	150	1000	1000	1000	1.0	1000
97	150	1000	1000	1000	1.0	1000
98	150	1000	1000	1000	1.0	1000
99	150	1000	1000	1000	1.0	1000
100	150	1000	1000	1000	1.0	1000

TOTAL LOAD OF UNIT: 1300
 WHTS 7 VOLTS x 4000
 VOLTS x 4000 = WHTS
 130 x 3 PHASE = 390 WHTS

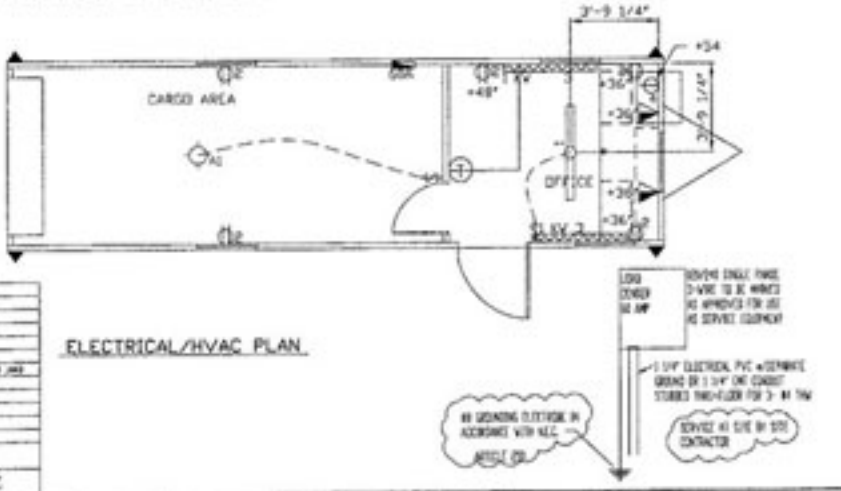
SYMBOL	DESCRIPTION
▽	1/2" DOWN WALL TYPE
▽	5/8" x 1/2" x 1/2" WOOD STUDS @ 16" O.C.
▽	FLOR FOR COMPUTER & TELEPHONE/TV/VIDEO
▽	INSULATION, 4" R-11
▽	4" GYM SUSPENDED CEILING
▽	100 V., 15 AMP. TRIGGERS TYPE SYSTEM
▽	400 V. 15 AMP. A/C RECEPT
▽	100 V., 15 A. DUPLEX RECEPT
▽	800 V. 15 AMP. DUPLEX RECEPT
▽	CELLING MOUNTED INDUSTRIAL LIGHT
▽	4" SQUARE TUBE SURFACE MOUNTED
▽	FLUOR. TUBE LIGHT
▽	LOAD CENTER

MARK	DESCRIPTION
(ACD)	NEW FLOOR, 1/2" x 1/2" x 1/2" WOOD STUDS @ 16" O.C.
(AD)	NEW FLOOR, 1/2" x 1/2" x 1/2" WOOD STUDS @ 16" O.C.
(FH)	NEW FLOOR, 1/2" x 1/2" x 1/2" WOOD STUDS @ 16" O.C.
(S)	NEW FLOOR, 1/2" x 1/2" x 1/2" WOOD STUDS @ 16" O.C.
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(S)	NEW FLOOR, 1/2" x 1/2" x 1/2" WOOD STUDS @ 16" O.C.
(S)	NEW FLOOR, 1/2" x 1/2" x 1/2" WOOD STUDS @ 16" O.C.
(S)	NEW FLOOR, 1/2" x 1/2" x 1/2" WOOD STUDS @ 16" O.C.



ARCHITECTURE PLAN

- NOTES:**
 1) EXTERIOR WALLS ARE 2 3/4" THK. UNLESS NOTED
 2) INTERIOR WALLS ARE 3" THK. UNLESS NOTED



ELECTRICAL/HVAC PLAN

DRAWING LEGEND

OPENING SCHEDULE