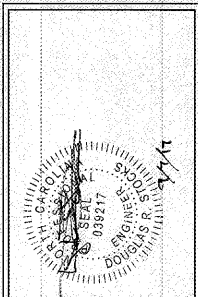


NRD national
architectural
designers

ARCHITECTS & ENGINEERS
3008 PARSONS WAY, SUITE 105
RUSHESVILLE, NORTH CAROLINA 27860
PH: 919.544.7231 FAX: 919.544.9399
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Hardee's
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HARDEE'S REVERSE PROTOTYPE
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BODDIE-NOELL ENTERPRISES, INC.
P.O. BOX 1908
ROCKY MOUNT, NC
27802-1908
(252) 837-2800

OWNER:

NO.	DATE	DESCRIPTION

DRAWN BY: _____ CHECKED BY: _____

RISER DIAGRAM

DATE: 6-23-17

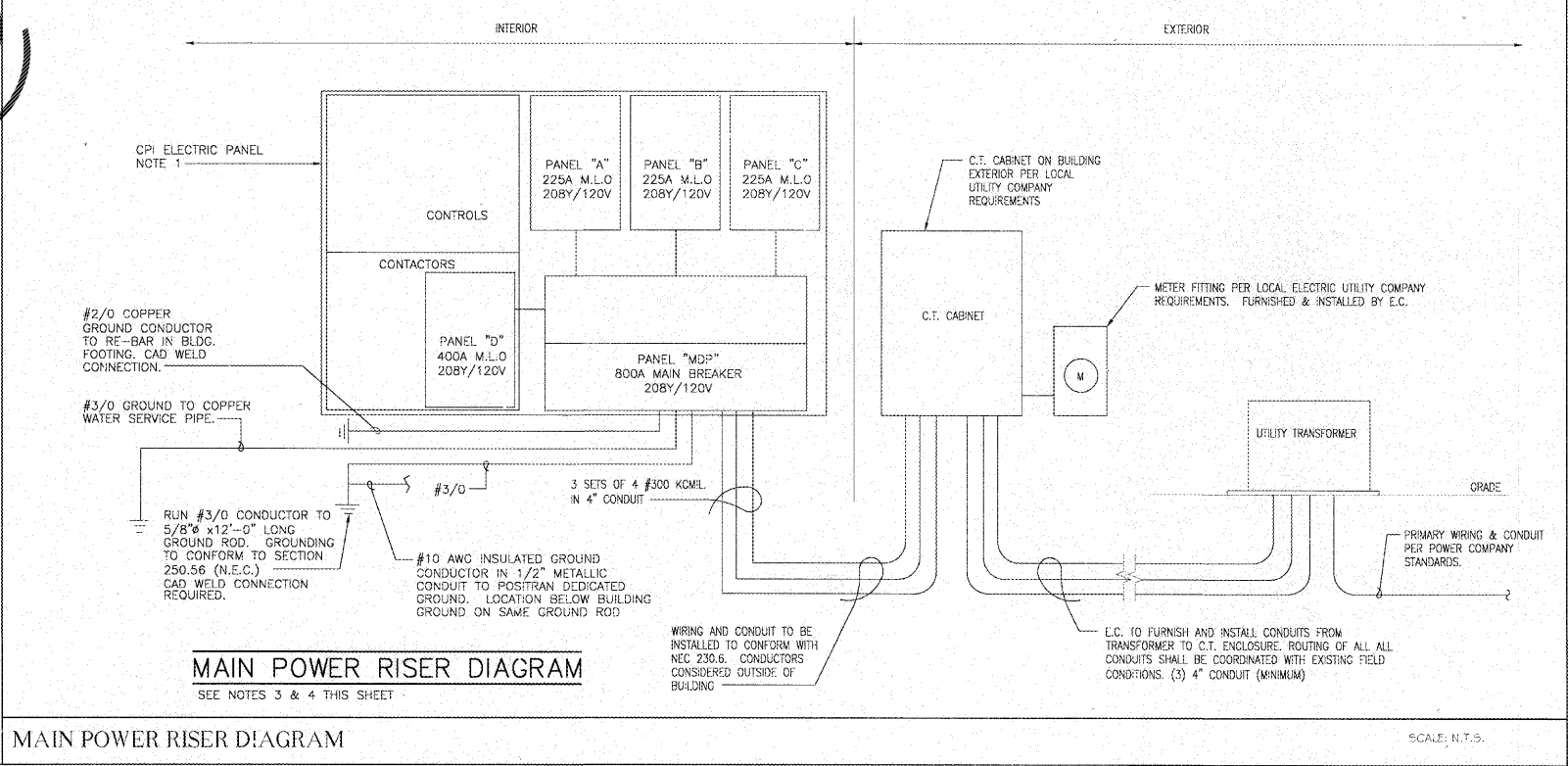
SHEET NUMBER: **E6**

CONDUIT & CONDUCTORS SCHEDULE (Based on 2002, 2005 & 2008 NEC)

Mark No.	OCP Device (Amp/ft)	Load in Amperes	Conductors				Raceway Size (nominal inches)									
			Phase	Neutral	Equip. Grd	No. Sets	EMT	IMC	RIGID	PVC	EMT	IMC	With IG	PVC		
1	20/1	1-16	2	12	THHN	1	12	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
2	20/2	1-16	3	12	THHN	1	12	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3	20/3	1-16	4	12	THHN	1	12	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
4	25/1	17-20	2	18	THHN	1	18	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
5	25/2	17-20	3	18	THHN	1	18	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
6	25/3	17-20	4	18	THHN	1	18	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
7	30/1	21-24	2	18	THHN	1	18	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
8	30/2	21-24	3	18	THHN	1	18	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	30/3	21-24	4	18	THHN	1	18	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
10	40/1	25-32	2	8	THHN	1	10	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
11	40/2	25-32	3	8	THHN	1	10	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
12	40/3	25-32	4	8	THHN	1	10	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
13	50/1	33-40	2	6	THHN	1	10	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
14	50/2	33-40	3	6	THHN	1	10	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
15	50/3	33-40	4	6	THHN	1	10	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
16	00/1	41-48	2	4	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
17	00/2	41-48	3	4	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
18	00/3	41-48	4	4	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
19	70/1	49-56	2	4	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
20	70/2	49-56	3	4	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
21	70/3	49-56	4	4	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
22	00/2	57-64	3	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
23	00/3	57-64	4	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
24	00/1	65-72	3	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
25	00/2	65-72	4	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
26	100/2	73-80	1	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
27	100/3	73-80	1	THW	1	8	One	2	2	2	2	2	2	2	2	2
28	110/2	81-88	3	1	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
29	110/3	81-88	4	1	THW	1	8	One	2	2	2	2	2	2	2	2
30	120/2	89-100	3	1	THW	1	8	One	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
31	120/3	89-100	4	1	THW	1	8	One	2	2	2	2	2	2	2	2
32	150/2	101-120	3	1/0	THW	1	8	One	2	2	2	2	2	2	2	2
33	150/3	101-120	4	1/0	THW	1	8	One	2	2	2	2	2	2	2	2
34	175/2	121-140	3	2/0	THW	1	8	One	2	2	2	2	2	2	2	2
35	175/3	121-140	4	2/0	THW	1	8	One	2	2	2	2	2	2	2	2
36	200/2	141-160	3	3/0	THW	1	8	One	2	2	2	2	2	2	2	2
37	200/3	141-160	4	3/0	THW	1	8	One	2	2	2	2	2	2	2	2
38	225/2	161-180	3	4/0	THW	1	4	One	2	2	2	2	2	2	2	2
39	225/3	161-180	4	4/0	THW	1	4	One	2	2	2	2	2	2	2	2
40	250/3	181-200	4	250	THW	1	4	One	3	3	3	3	3	3	3	3
41	300/3	201-240	4	300	THW	1	4	One	3	3	3	3	3	3	3	3
42	350/3	241-280	4	350	THW	1	3	One	3	3	3	3	3	3	3	3
43	400/3	281-320	4	3/0	THW	2	3	Two	3	3	3	3	3	3	3	3
44	000/3	321-400	4	350	THW	2	1	Two	3	3	3	3	3	3	3	3
45	000/3	401-040	4	500	THW	2	1/0	Two	3	3	3	3	3	3	3	3
46	1000/3	041-080	4	400	THW	3	2/0	Three	3	3	3	3	3	3	3	3
47	1200/3	081-090	4	350	THW	4	3/0	Four	3	3	3	3	3	3	3	3
48	1000/3	091-1200	4	400	THW	5	4/0	Five	3	3	3	3	3	3	3	3

NOTE: USE THIS SCHEDULE FOR WIRE SIZING AND CONDUITS IF SIZING IS NOT INDICATED IN PANEL SCHEDULES OR ON PLANS.

WWW.LDDI...COM



GENERAL SYSTEM NOTES

- FEEDERS TO SUB PANELS EQ. A, B AND C ARE FACTORY WIRED TO "MDP" BY CPI.
- THE CONTACTORS ARE PREWIRED BY CPI TO TERMINAL STRIPS FOR FIELD CONNECTION.
- COMPLETE SYSTEM IS UL LISTED AND MEETS REQUIREMENTS OF CURRENT NFPA 70 NATIONAL ELECTRIC CODE.
- FOR INFORMATION AND ORDERING CONTACT:

ADAM WORTH
CAROLINA PRODUCTS INC
1132 PRG AM DRIVE
CHARLOTTE, NC 28211
PH (704) 364-9029
FX (704) 367-1215

NOTE: SEE SHEETS CP-1.0 THRU CP-2.3 FOR CPI INFORMATION RELATED TO WIRING OF CONTROLS & ENERGY MANAGEMENT.

Order Plans @

MAIN POWER RISER DIAGRAM
SEE NOTES 3 & 4 THIS SHEET

SCALE: N.T.S.