

Order Plans

ROCKLEDGE FLATS
MC3B

BUILDING CALCULATIONS PER N.E.C. 220.86, OPTIONAL CALCULATIONS

TOTAL UNITS THIS SERVICE:	60	
TYPICAL DWELLING UNIT A-1A-1A	23,250	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	33,177	V
TOTAL UNITS THIS SERVICE	5	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE	165,885	V
TYPICAL DWELLING UNIT A-2	30,493	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	34,320	V
TOTAL UNITS THIS SERVICE	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE	34,320	V
TYPICAL DWELLING UNIT B-1	30,637	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	36,960	V
TOTAL UNITS THIS SERVICE	4	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE	147,840	V
TYPICAL DWELLING UNIT B-2	31,273	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,596	V
TOTAL UNITS THIS SERVICE	7	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE	263,172	V
TYPICAL DWELLING UNIT B-3	31,000	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,323	V
TOTAL UNITS THIS SERVICE	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE	37,323	V
TYPICAL DWELLING UNIT B-4B-4A	31,342	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,665	V
TOTAL UNITS THIS SERVICE	8	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE	301,320	V
TYPICAL DWELLING UNIT C-1C-1A	33,190	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	39,513	V
TOTAL UNITS THIS SERVICE	8	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE	316,104	V
TYPICAL DWELLING UNIT S-1	23,110	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	32,937	V
TOTAL UNITS THIS SERVICE	4	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE	131,748	V
TOTAL CONNECTED DWELLING UNIT LOAD THIS SERVICE	2,155,626	V
DEMAND FACTOR FOR TOTAL # UNITS (TBL 220.84)	40%	
TOTAL DEMAND FROM DWELLING UNITS THIS SERVICE	862,251	V
TOTAL DEMAND FROM HOUSE PANEL	162,890	V
TOTAL DEMAND THIS SERVICE	684,591	V
TOTAL AMPERES THIS SERVICE	1,645	A
MINIMUM ELECTRICAL SERVICE ENTRANCE RATING (208 V, 3 PH)	2,808	A

ROCKLEDGE FLATS
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BUILDING CALCULATIONS PER N.E.C. 220.86, OPTIONAL CALCULATIONS

TOTAL UNITS THIS METER CENTER:	15	
TYPICAL DWELLING UNIT A-1A-1A	23,250	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	33,177	V
TOTAL UNITS THIS METER CENTER	5	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	165,885	V
TYPICAL DWELLING UNIT A-2	30,493	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	34,320	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	34,320	V
TYPICAL DWELLING UNIT B-1	30,637	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	36,960	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	36,960	V
TYPICAL DWELLING UNIT B-2	31,273	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,596	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	37,596	V
TYPICAL DWELLING UNIT B-3	31,000	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,323	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	74,646	V
TYPICAL DWELLING UNIT B-4B-4A	31,342	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,665	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	75,330	V
TYPICAL DWELLING UNIT C-1C-1A	33,190	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	39,513	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	79,026	V
TYPICAL DWELLING UNIT S-1	23,110	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	32,937	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	32,937	V
TOTAL CONNECTED DWELLING UNIT LOAD THIS METER CENTER	538,976	V
DEMAND FACTOR FOR TOTAL # UNITS (TBL 220.84)	40%	
TOTAL DEMAND FROM DWELLING UNITS THIS METER CENTER	214,880	V
TOTAL AMPERES THIS METER CENTER	536	A
MINIMUM METER CENTER RATING (208 V, 3 PH)	880	A

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BUILDING CALCULATIONS PER N.E.C. 220.86, OPTIONAL CALCULATIONS

TOTAL UNITS THIS METER CENTER:	15	
TYPICAL DWELLING UNIT A-1A-1A	23,250	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	33,177	V
TOTAL UNITS THIS METER CENTER	5	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	165,885	V
TYPICAL DWELLING UNIT A-2	30,493	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	34,320	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	34,320	V
TYPICAL DWELLING UNIT B-1	30,637	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	36,960	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	36,960	V
TYPICAL DWELLING UNIT B-2	31,273	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,596	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	75,192	V
TYPICAL DWELLING UNIT B-3	31,000	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,323	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	74,646	V
TYPICAL DWELLING UNIT B-4B-4A	31,342	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,665	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	75,330	V
TYPICAL DWELLING UNIT C-1C-1A	33,190	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	39,513	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	79,026	V
TYPICAL DWELLING UNIT S-1	23,110	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	32,937	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	32,937	V
TOTAL CONNECTED DWELLING UNIT LOAD THIS METER CENTER	538,976	V
DEMAND FACTOR FOR TOTAL # UNITS (TBL 220.84)	40%	
TOTAL DEMAND FROM DWELLING UNITS THIS METER CENTER	215,990	V
TOTAL AMPERES THIS METER CENTER	600	A
MINIMUM METER CENTER RATING (208 V, 3 PH)	880	A

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BUILDING CALCULATIONS PER N.E.C. 220.86, OPTIONAL CALCULATIONS

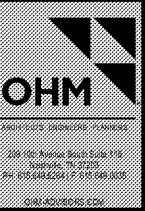
TOTAL UNITS THIS METER CENTER:	15	
TYPICAL DWELLING UNIT A-1A-1A	23,250	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	33,177	V
TOTAL UNITS THIS METER CENTER	5	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	165,885	V
TYPICAL DWELLING UNIT A-2	30,493	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	34,320	V
TOTAL UNITS THIS METER CENTER	0	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	0	V
TYPICAL DWELLING UNIT B-1	30,637	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	36,960	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	36,960	V
TYPICAL DWELLING UNIT B-2	31,273	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,596	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	75,192	V
TYPICAL DWELLING UNIT B-3	31,000	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,323	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	74,646	V
TYPICAL DWELLING UNIT B-4B-4A	31,342	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	37,665	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	75,330	V
TYPICAL DWELLING UNIT C-1C-1A	33,190	V
HEATING LOAD @ 100%	6,323	V
TOTAL THIS UNIT	39,513	V
TOTAL UNITS THIS METER CENTER	2	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	79,026	V
TYPICAL DWELLING UNIT S-1	23,110	V
HEATING LOAD @ 100%	3,827	V
TOTAL THIS UNIT	32,937	V
TOTAL UNITS THIS METER CENTER	1	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER	32,937	V
TOTAL CONNECTED DWELLING UNIT LOAD THIS METER CENTER	538,976	V
DEMAND FACTOR FOR TOTAL # UNITS (TBL 220.84)	39%	
TOTAL DEMAND FROM DWELLING UNITS THIS METER CENTER	210,591	V
TOTAL AMPERES THIS METER CENTER	535	A
MINIMUM METER CENTER RATING (208 V, 3 PH)	880	A

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TOTAL AMPERES THIS METER CENTER	600	A
MINIMUM METER CENTER RATING (208 V, 3 PH)	880	A

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CLIENT NAME
ROCKLEDGE MULTI-FAMILY
1220 Baron Boulevard
Rockledge, FL 32955

SHEET TITLE
ELECTRICAL CALCULATIONS

No.	Description	Date

PROJECT NO.
054015010
DATE
20/04/10
DRAWN
N/A
CHECKED

E010

GMP PRICING SET