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ROCKLEDGE FLATS TOTAL SERVICE "MSE-A"			
BUILDING CALCULATIONS PER N.E.C. 220.80, OPTIONAL CALCULATIONS			
TOTAL UNITS THIS SERVICE	64		
TYPICAL DWELLING UNIT A-WA-1A	29,390 W		
HEATING LOAD @ 100%	3,827 W		
TOTAL THIS UNIT	33,177 W		
TOTAL UNITS THIS SERVICE	25	829,425 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE			
TYPICAL DWELLING UNIT A-2	30,493 W		
HEATING LOAD @ 100%	3,827 W		
TOTAL THIS UNIT	34,320 W		
TOTAL UNITS THIS SERVICE	1	34,320 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE			
TYPICAL DWELLING UNIT B-1	30,637 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	36,960 W		
TOTAL UNITS THIS SERVICE	4	147,840 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE			
TYPICAL DWELLING UNIT B-2	31,273 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	37,596 W		
TOTAL UNITS THIS SERVICE	7	263,172 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE			
TYPICAL DWELLING UNIT B-3	31,000 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	37,323 W		
TOTAL UNITS THIS SERVICE	7	261,261 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE			
TYPICAL DWELLING UNIT B-4B-4A	31,342 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	37,665 W		
TOTAL UNITS THIS SERVICE	9	338,985 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE			
TYPICAL DWELLING UNIT C-WC-1A	33,190 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	39,513 W		
TOTAL UNITS THIS SERVICE	8	316,104 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE			
TYPICAL DWELLING UNIT S-1	29,110 W		
HEATING LOAD @ 100%	3,827 W		
TOTAL THIS UNIT	32,937 W		
TOTAL UNITS THIS SERVICE	4	131,748 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS SERVICE			
TOTAL DEMAND FROM DWELLING UNIT LOAD THIS SERVICE		2,289,190 W	
DEMAND FACTOR FOR TOTAL # UNITS (TBL 220.84)		23%	
TOTAL DEMAND FROM DWELLING UNITS THIS SERVICE		525,594 W	
TOTAL DEMAND FROM HOUSE PANEL		0 W	
TOTAL DEMAND THIS SERVICE		525,594 W	
TOTAL AMPERES THIS SERVICE		1,469 A	
MINIMUM ELECTRICAL SERVICE ENTRANCE RATING (208 V, 3 PH)		1500 A	

ROCKLEDGE FLATS MCA			
BUILDING CALCULATIONS PER N.E.C. 220.80, OPTIONAL CALCULATIONS			
TOTAL UNITS THIS METER CENTER	16		
TYPICAL DWELLING UNIT A-WA-1A	29,390 W		
HEATING LOAD @ 100%	3,827 W		
TOTAL THIS UNIT	33,177 W		
TOTAL UNITS THIS METER CENTER	6	199,062 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER			
TYPICAL DWELLING UNIT A-2	30,493 W		
HEATING LOAD @ 100%	3,827 W		
TOTAL THIS UNIT	34,320 W		
TOTAL UNITS THIS METER CENTER	0	0 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER			
TYPICAL DWELLING UNIT B-1	30,637 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	36,960 W		
TOTAL UNITS THIS METER CENTER	1	36,960 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER			
TYPICAL DWELLING UNIT B-2	31,273 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	37,596 W		
TOTAL UNITS THIS METER CENTER	2	75,192 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER			
TYPICAL DWELLING UNIT B-3	31,000 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	37,323 W		
TOTAL UNITS THIS METER CENTER	2	74,646 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER			
TYPICAL DWELLING UNIT B-4B-4A	31,342 W		
HEATING LOAD @ 100%	6,323 W		
TOTAL THIS UNIT	37,665 W		
TOTAL UNITS THIS METER CENTER	2	75,330 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER			
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TYPICAL DWELLING UNIT S-1	29,110 W		
HEATING LOAD @ 100%	3,827 W		
TOTAL THIS UNIT	32,937 W		
TOTAL UNITS THIS METER CENTER	1	32,937 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER			
TOTAL CONNECTED DWELLING UNIT LOAD THIS METER CENTER		565,731 W	
DEMAND FACTOR FOR TOTAL # UNITS (TBL 220.84)		39%	
TOTAL DEMAND FROM DWELLING UNITS THIS METER CENTER		220,635 W	
TOTAL AMPERES THIS METER CENTER		612 A	
MINIMUM METER CENTER RATING (208 V, 3 PH)		800 A	

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TOTAL UNITS THIS METER CENTER	1	32,937 W	
TOTAL LOAD TYPICAL DWELLING UNITS THIS METER CENTER			
TOTAL CONNECTED DWELLING UNIT LOAD THIS METER CENTER		573,153 W	
DEMAND FACTOR FOR TOTAL # UNITS (TBL 220.84)		39%	
TOTAL DEMAND FROM DWELLING UNITS THIS METER CENTER		223,530 W	
TOTAL AMPERES THIS METER CENTER		620 A	
MINIMUM METER CENTER RATING (208 V, 3 PH)		800 A	

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CLIENT NAME	ROCKLEDGE MULTI-FAMILY
PROJECT NAME	ROCKLEDGE MULTI-FAMILY
PROJECT ADDRESS	220 Baron Boulevard Rockledge, FL 32955
SHEET TITLE	ELECTRICAL CALCULATIONS
DATE	NOV 03, 2015

No.	Description	Date

PROJECT NO.	054015010
DATE	20/11/10
DRAWN	
CHECKED	

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