

NEW	PANEL	(SOUTH	GATES	4	&	5)	PR-3	SCHEDULE /	2	

MANUFACTURER: SQUARE D						PANEL 'PR-3'				
PANEL BUS RATING: 100A, 208/120V, 1 PHASE, 3WIRE, AIC 10K, UL RATED										
MAIN TYPE: MLB										
O/C PROTECTION RATING: 50 AMP, ACI rating 10k, UL RATED										
MISC. INFO: SUBFED FROM EXISTING PANEL (CONTRACTOR TO FIELD LOCATE PANEL FOR NEW 50 AMP 2 POLE BREAKER, WIRE: C 1 1/4" WITH (3) #2, AND (1) #8 GND, NEMA 3R										
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Description	Load (VA)		Cond.	Wire	Circuit	Pole	Circuit		Pole	Circuit
	A	В	Size	Size	Size	Size	Number		Size 1 1 1 1	Size
BLANK	0						1	2	1	15
DATA CABINET QUAD OUTLET		1920	1"	10	20	1	3	4	1	15
BLANK	0						5	6		
BLANK		0					7	8		
BLANK	0						9	10		
BLANK		0					11	12		
Non Continuous Load	0	1920								
Continuous Load	0	0								
	0	0								
Load Type							Phase	Total w/Demand Load		
Non Continuous Load	4128	kVa / ( 240 x √1 )			17.2			VA		Amps
Continuous Load	0	kVa x 1.25 / (208 x √1)			0.0		А	1104		9.2
Largest Motor	1100	kVa x 1.25 / (208 x √1)			3.8		В	3024		25.2
Panel Subfeed Loads										
Total Calculated Load:					21.0		Total	4128		<u> </u>
Total Phase A	1104									
Total Phase B	3024									ļ
										<u> </u>
Phasing %	0.36508									

