

PANEL - DYP											EXACT LOCATION MUST VERIFY IN THE FIELD		
RATING: 480/277V, 3 PH, 4W, 600A												EMRG AND UTILITY	
CKT. DESCRIPTION	POLE	LOAD KVA	BKR AMP	CR 1	PHASE A B C			CR 10	BKR AMP	LOAD KVA	POLE	CKT. DESCRIPTION	
XFMR	3	112	175	3	1	2	3	4	30	12	3	HVAC UNIT # 1	
				5	4	5	6	7					
				7	8	9	10	11					
HVAC UNIT # 2	3	6	25	9	12	13	14	15	225		3	SPARE	
				11	14	15	16	17					
				13	16	17	18	19					
SPARE	3		225	15	18	19	20	21	225		3	SPARE	
				17	20	21	22	23					
LIGHTS	1	1.5	20	19	22	23	24	25	20	1.5	1	LIGHTS	
LIGHTS	1	1.5	20	21	24	25	26	27	20	1.5	1	LIGHTS	
LIGHTS	1	1.5	20	23	26	27	28	29	20	1.5	1	LIGHTS	
EMERGENCY EXIT LIGHT	1	1.5	20	27	30	31	32	33	20	1	1	SPARE	
BATHROOM LIGHT	1	1	20	29	32	33	34	35	20	1	1	SPARE	
SPARE	1		20	31	34	35	36	37	20	1	1	SPARE	
SPARE	1		20	33	36	37	38	39	20	1	1	SPARE	
SPARE	1		20	35	38	39	40	41	20	1	1	SPARE	
SPARE	1		20	37	40	41	42	43	30		3	TVSS	
SPARE	1		20	39	42	43	44	45					
SPARE	1		20	41	44	45	46	47					
PANEL TYPE: NEMA 1					49	48	47						
MOUNTING: SURFACE					TOT. CONN.	CON.	145 KVA	70					
MAIN C.B 600A					TOT. SPR.	SPR.	145 KVA						
P.NL. SHORT C.R. RATING: 100 KA.SYM.					TOT. DEM	DEM	101 KVA						
P.NL. FEEDER PROTECT.					TOT.	TOT.	122 Amp	at 480 V					
600A CB													
FED FROM SWITCHBOARD													
ALL PANEL MUST HAVE ADJUSTABLE BREAKERS TRIP													

**DESIGN SERVICES
PLUS, INC.**

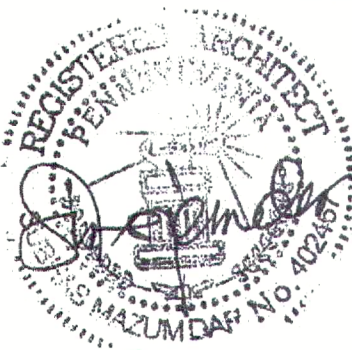
DESIGN, PLANNING
AND DEVELOPMENT

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PANEL - KPP											EXACT LOCATION MUST VERIFY IN THE FIELD	
RATING: 480/277V, 3 PH, 4W, 800 A											EMRG AND ULITY	
DESCRIPTION	PCLE	LOAD KVA	BKR AMP	CR 1	PHASE A B C			CR NO.	BKR AMP	LOAD KVA	PCLE	DESCRIPTION
SPARE	3	100		1	●	●		2	100		3	SPARE
				3	●	●		4				
				5	●	●		6				
SPARE	3	225		7	●	●		8	225		3	SPARE
				9	●	●		10				
				11	●	●		12				
				13	●	●		14				
SPARE	3	225		15	●	●		16	225		3	SPARE
				17	●	●		18				
				19	●	●		20				
HVAC UNIT	3	44	150	21	●	●		22	225		3	SPARE
				23	●	●		24				
				25	●	●		26				
EXHAUST FAN	3	3	20	27	●	●		28	100		3	HVAC UNIT
				29	●	●		30				
SPARE	1		20	31	●	●		32	20		1	SPARE
SPARE	1		20	33	●	●		34	20		1	SPARE
SPARE	1		20	35	●	●		36	20		1	SPARE
SPARE	1		20	37	●	●		38				
SPARE			20	39	●	●		40	30		3	TVSS
SPARE	1		20	41	●	●		42				
PANEL TYPE: NEMA 1				0	47	0	70 % DEMAND FACTOR					
MOUNTING: SURFACE				TOT. CON.	47	KVA	REMARKS:					
MAIN: C B 800A				and SPR.	47	KVA	1. BUS TO BE COPPER					
P.NL SHORT CIR. RATING: 100 KVA SYM.				TOT. DEM	33	KVA	2					
P.NL FEEDER PROTECT.				TOT. DEM	40	Amp	at 480 V					
800A CB												
FED FROM SWITCHBOARD												
ALL PANEL MUST HAVE ADJUSTABLE BREAKERS TRIP. OWNER AND CONTRACTOR MUST VERIFY IN FIELD FOR ALL EXISTING KITCHEN EQUIPMENT PRIOR TO PURCHASE THIS PANEL.												

[illegible]

PANEL - PP3											EXACT LOCATION MUST VERIFY IN THE FIELD	
RATING: 480/277V, 3 PH, 4W, 600 A											UTILITY	
CKT. DESCRIPTION	POLE	LOAD KVA	BKR AMP	CIR	PH-ASE			CIR NO.	BKR AMP	LOAD KVA	POLE	CKT. DESCRIPTION
				1	A	B	C					
SPARE	3	225	350	1	●			2				
				3				4	100	22	3	HVAC UNIT
				5				6				
				7				8				
HVAC	3	22	100	9				10	100		3	SPARE
				11				12				
				13	●			14				
SPARE	3	225	350	15				16	225		3	SPARE
				17				18				
SPARE	1	20	19	19	●			20	30		1	SPARE
SPARE	1	20	21	21				22	30		1	SPARE
SPARE	1	20	23	23				24	30		1	SPARE
SPARE	1	20	25	25	●			26	20		1	SPARE
SPARE	1	20	27	27				28	20		1	SPARE
SPARE	1	20	29	29				30	20		1	SPARE
SPARE	1	20	31	31	●			32	20		1	SPARE
SPARE	1	20	33	33				34	20		1	SPARE
SPARE	1	20	35	35				36	20		1	SPARE
SPARE	1	20	37	37	●			38				
SPARE	1	20	39	39				40	30		3	TVSS
SPARE	1	20	41	41				42				
PANEL TYPE: NEMA 1				90	90			90				
MOUNTING: SURFACE				TOT. CON.	269			KVA	70 % DEMAND FACTOR			
MAIN C.B 600A				CONN. and SPR.	269			KVA	REMARKS:			
P.NL. SHORT CIR. RATING: 65 KA.SYM				TOT. DEM	188			KVA	1. BUS TO BE COPPER			
P.NL. FEEDER PROTECT.				TOT. DEM	227			Amp	2			
600A CB												
FED FROM PANEL NPP												
ALL PANEL MUST HAVE ADJUSTABLE BREAKERS TRIP.												

Manny Mathai HEALTHCARE FACILITIES NURSING HOME (PHASE 2)	
ELECTRICAL PANEL SCHEDULES	
Project number	SK-2015-006
Date	10/14/2015
Drawn by	Author
Checked by	Checker
E-600	
Scale	1/8" = 1'-0"

