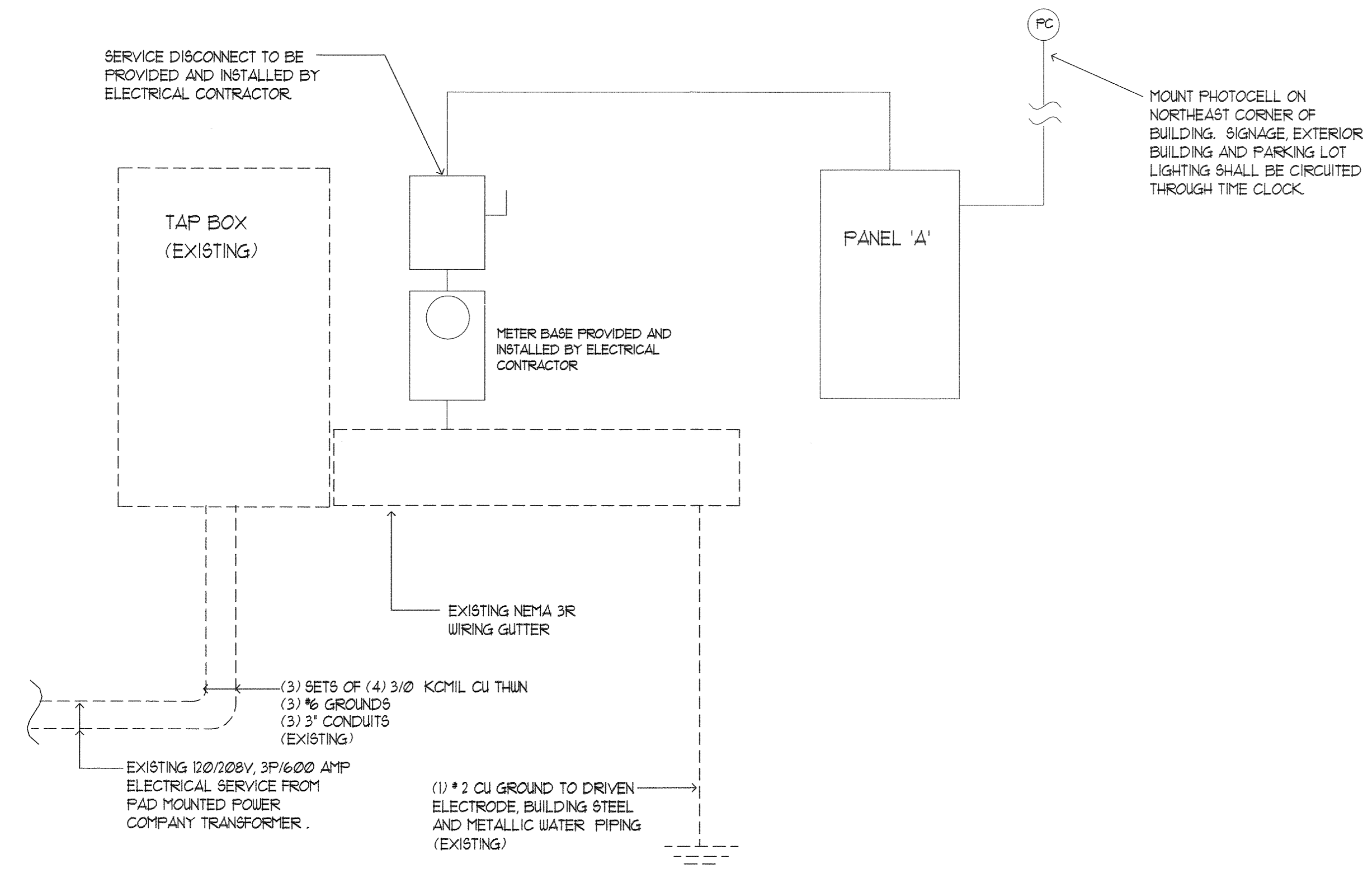


120/208V, 3P/125 AMP, 42 9SPACE,
WITH 600 AMP W/500A MCB

Code	VA	Description	Brk	Phase	Brk	Description	VA	Code
H	3480	AHU-1 (2)	30/3	1 A	2 40/3	CU-1 (2)	3012	H
H	3480	---	---	3 B	4	---	3012	H
H	3480	---	---	5 C	6	---	3012	H
H	5640	AHU-1 HEAT (2)	50/3	7 A	8 40/3	CU-2 (2)	3012	H
H	5640	---	---	9 B	10	---	3012	H
H	5640	---	---	11 C	12	---	3012	H
H	3480	AHU-2 (2)	30/3	13 A	14 60/3	CU-3 (2)	4800	H
H	3480	---	---	15 B	16	---	4800	H
H	3480	---	---	17 C	18	---	4800	H
H	4440	AHU-2 HEAT (2)	50/3	19 A	20 40/3	WATER HEATER	4000	K
H	4440	---	---	21 B	22	---	4000	K
H	4440	---	---	23 C	24	---	4000	K
H	11880	AHU-3 (2)	100/3	25 A	26 20/1	LIGHTING - LOBBY	842	L
H	11880	---	---	27 B	28 20/1	LIGHTING - TREATMENT ROOMS	1132	L
H	11880	---	---	29 C	30 20/1	LIGHTING - TREATMENT ROOMS	1202	L
L	500	SITE LIGHTING (1)	20/1	31 A	32 20/1	LIGHTING - TREATMENT ROOMS	1286	L
L	446	EXTEMERGENCY NIGHT LIGHTING	20/1	33 B	34 20/1	LIGHTING - NORTH CENTRAL	635	L
L	500	SITE LIGHTING (1)	20/1	35 C	36 20/1	LIGHTING - SOUTH CENTRAL	887	L
L	1110	EXTERIOR LIGHTING (1)	20/1	37 A	38 100/3	PANEL 'B'	10145	
L	1200	EXTERIOR LIGHTING (1)	20/1	39 B	40	---	11180	
R	720	IRRIGATION/EXTERIOR RECEPTACLES	20/1	41 C	42	---	9920	

- (1) CIRCUIT THROUGH TIME CLOCK
- (2) HACR TYPE BREAKER

LOAD CODES	VA LOAD PER PHASE			CALCULATIONS		
	A	B	C	TOTAL VA	MULTIPLIER	VA LOAD
C = COOLING ONLY	0	0	0	0	0.00	0
E = EXISTING LOAD	0	0	0	0	1.25	0
H = HEATING ONLY	39744	39744	39744	119232	1.00	119232
K = KITCHEN	4000	4000	4000	12000	0.90	10800
L = LIGHTING	3738	3413	2589	9740	1.25	12175
M = MOTORS	0	0	0	0	1.00	0
O = OTHER LOAD	0	0	0	0	1.00	0
R = RECEPTACLES	10145	11180	10640	31965	0.66	20982.5
LOAD TOTALS	57627	58337	56973	172937	0.94	163189.5
TOTAL VA LOADS	54876	54949	53565			
LOAD BALANCE	100.5%	101.0%	98.5%			
TOTAL VA OF LARGEST MOTOR ON THIS PANEL				2787	0.25	696.75
VA LOAD THIS PANEL						163886.25
AMPERAGE THIS PANEL PER LARGEST PHASE VA						459.8



1 ELECTRICAL SERVICE RISER
SCALE: 1/4" = 1'-0"

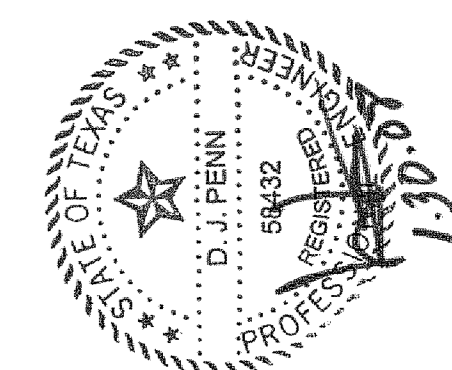
EXISTING 120/208V, 3P/200 AMP,
42 9SPACE, FUSE AT 10A.

Code	VA	Description	Brk	Phase	Brk	Description	VA	Code
R	765	AHU RECEPTACLES/LIGHTS	20/1	1 A	2 20/1	RECEPTACLES	720	R
R	1080	EXTERIOR GFI RECEPTACLES	20/1	3 B	4 20/1	RECEPTACLES	1080	R
R	900	RECEPTACLES	20/1	5 C	6 20/1	RECEPT - REFRIGERATOR, DEDICATED	1000	R
R	1080	RECEPTACLES	20/1	7 A	8 20/1	RECEPT - REFRIGERATOR, DEDICATED	1000	R
R	1080	RECEPTACLES	20/1	9 B	10 20/1	RECEPT - REFRIGERATOR, DEDICATED	1000	R
R	1260	RECEPTACLES	20/1	11 C	12 20/1	RECEPTACLES - LAB	720	R
R	1080	RECEPTACLES	20/1	13 A	14 20/1	RECEPTACLES	1080	R
R	1080	RECEPTACLES	20/1	15 B	16 20/1	RECEPTACLES	1000	R
R	1000	RECPT - MICROWAVE, DEDICATED	20/1	17 C	18 20/1	RECEPTACLES	900	R
R	1000	RECPT - REFRIGERATOR, DEDICATED	20/1	19 A	20 20/1	RECEPTACLES	900	R
R	1080	RECEPTACLES	20/1	21 B	22 20/1	RECEPTACLES	990	R
R	1260	RECEPTACLES	20/1	23 C	24 20/1	RECEPT - RECIRCULATION PUMP	400	R
R	1080	RECEPTACLES	20/1	25 A	26 20/1	RECEPTACLES		
R	1080	RECEPTACLES	20/1	27 B	28 20/1	RECEPTACLES		
R	900	RECEPTACLES	20/1	29 C	30 20/1	RECEPTACLES		
R	1080	RECEPTACLES	20/1	31 A	32 20/1	RECEPTACLES		
R	540	RECEPTACLES	20/1	33 B	34 20/1	RECEPTACLES		
R	500	RECPT - ELECTRICAL ROOM DEDICATED	20/1	35 C	36 20/1	RECEPTACLES		
R	360	RECPT - PHONE BOARD, DEDICATED	20/1	37 A	38 20/1	RECEPTACLES		
R	1260	RECEPTACLES	20/1	39 B	40 20/1	RECEPTACLES		
R	1080	RECEPTACLES	20/1	41 C	42 20/1	RECEPTACLES		

Load Codes	VA Load per Phase			Calculations		
	A	B	C	Total VA	Multiplier	VA Load
C = Cooling Only	0	0	0	0	0.00	0
E = Existing Load	0	0	0	0	1.25	0
H = Heating Only	0	0	0	0	0.00	0
K = Kitchen	0	0	0	0	1.00	0
L = Lighting	0	0	0	0	1.25	0
M = Motors	0	0	0	0	1.00	0
O = Other Load	0	0	0	0	1.00	0
R = Receptacles	10145	11180	9920	31245	0.66	20622.5
Load Totals	10145	11180	9920	31245	0.66	20622.5
Total VA Loads	6696	7379	6547			
Load Balance	97.4%	107.3%	95.2%			
Total VA of Largest Motor on this Panel				0	0.25	0
VA Load This Panel						20622.5
Amperage This Panel Per Largest Phase VA						61.5

01-24-08 OWNER REVISIONS

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOB SITE AND NOTIFY THE ARCHITECTS OF ANY DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING ANY WORK
DO NOT SCALE DRAWINGS



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**COOK CHILDREN'S
PRIMARY CARE CLINIC**
FT. WORTH, TX

JOB NUMBER
07.210

SHEET TITLE
**POWER
PANEL
SCHEDULES**

SHEET NUMBER
E3

DATE OF ORIGINAL ISSUE
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