

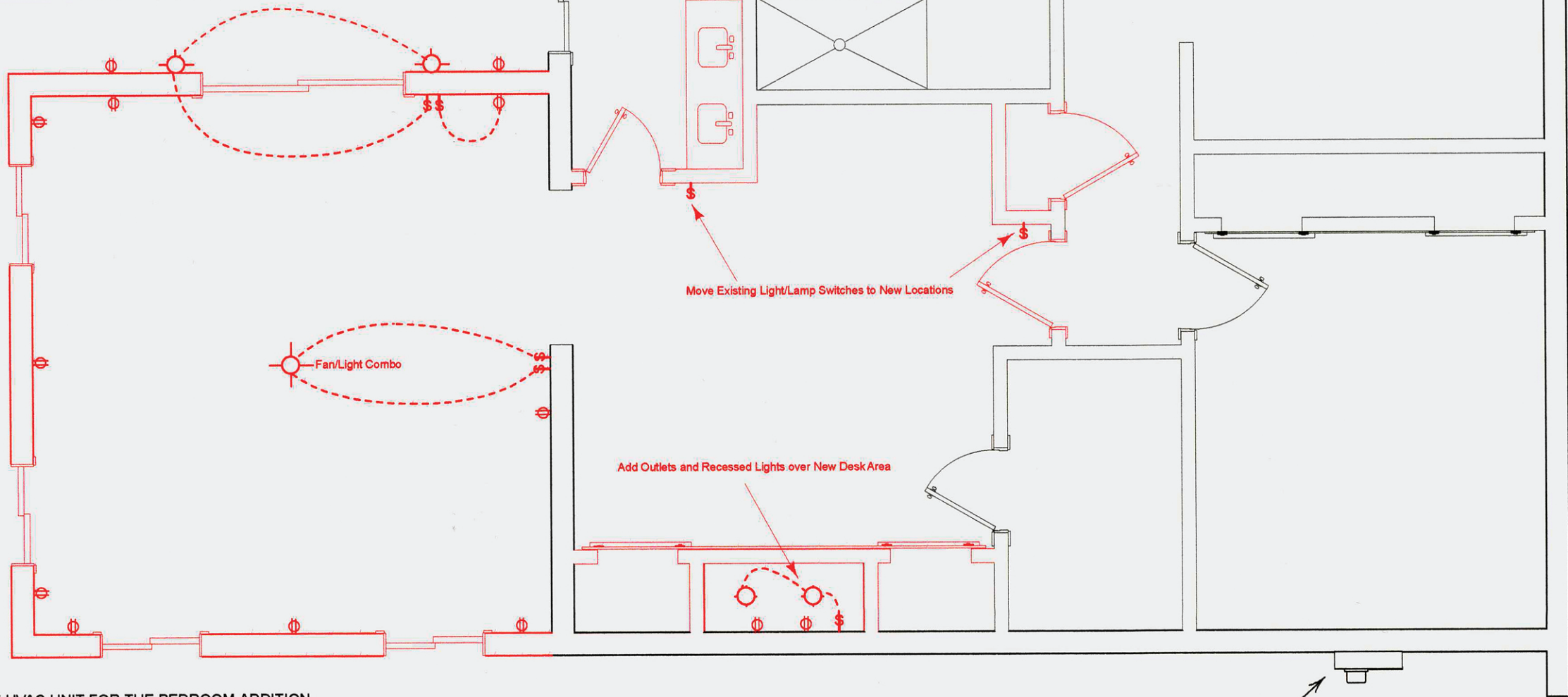
PANEL SCHEDULE - 2460 RAPALLO WAY, TUCSON AZ 85741

200AMP MAIN LOAD CENTER							
REMARKS:	BKR	CKT	WIRE	WIRE	CKT	BKR	REMARKS
A/C UNIT	60	1	#4 AL	#12 CU	2	20	KITCHEN GFCI
"	60	3	#4 AL	#12 CU	4	20	MICROWAVE
OVEN	50	5	#6 AL	#10 CU	6	30	WATER HEATER
"	50	7	#6 AL	#10 CU	8	30	"
GENERAL LIGHTING	15	9	#14 CU	#10 CU	10	30	**NEW**Mini-Split AC
GENERAL RECEPTACLES	15	11	#14 CU	#10 CU	12	30	"
DRYER	30	13	#10 CU	#12 CU	14	20	BATHROOM GFCI
"	30	15	#10 CU	#12 CU	16	20	GARAGE GFCI
GENERAL LIGHTING	15	17	#14 CU	#12 CU	18	20	POOL PUMP
GENERAL RECEPTACLES	15	19	#14 CU	#12 CU	20	20	"

SQUARE FEET OF LIVING SPACE	2200 X 3 WATTS =	6600
SQUARE FEET OF ADDITION	276 X 3 WATTS =	828
SMALL APPLIANCE CIRCUITS (2 MIN.)	2 X 1500 WATTS EACH =	3000
220V DRYER	1 X 5000 WATTS EACH =	5000
220V RANGE/OVEN	1 X 8000 WATTS EACH =	8000
220V WATER HEATER	1 X 4500 WATTS EACH =	4500
110V REFRIGERATOR	1 X 3000 WATTS EACH =	3000
110V MICROWAVE	1 X 1630 WATTS EACH =	1630
110V LAUNDRY	1 X 1500 WATTS EACH =	1500
110V GARBAGE DISPOSAL	1 X 750 WATTS EACH =	750
**NEW MINI SPLIT UNIT	1 X 5000 WATTS EACH =	5000
	SUB TOTAL WATTS =	39808

FIRST 10,000 WATTS @ 100%	10000 A
REMAINING WATTS @ 40%	11932 B
TONS OF A/C X 7000 WATTS PER TON =	12000 C
TOTAL WATTS (A+B+C) =	33932
TOTAL WATTS / 240V =	141.38 TOTAL AMPS

Minimum Service Size is 200 AMPS.



PROVIDE A NEW 220 V CIRCUIT FOR A MINI-SPLIT HVAC UNIT FOR THE BEDROOM ADDITION
- NEW LIGHTING AND OUTLETS IN THE ADDITION WILL USE EXISTING CIRCUITS

Description:

ELECTRICAL PLAN

Date:

12/27/2018

Sheet No:

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Scale:

1/4" = 1'0"

Drawn By:

TC

TC Contracting

9320 E Mikelyn Lane
Tucson AZ 85710
(520) 347 4810
www.TCContracting.net

Job Name: Silcox Residence Addition Project
2460 W Rapallo Way
Tucson AZ 85741

TC CONTRACTING