

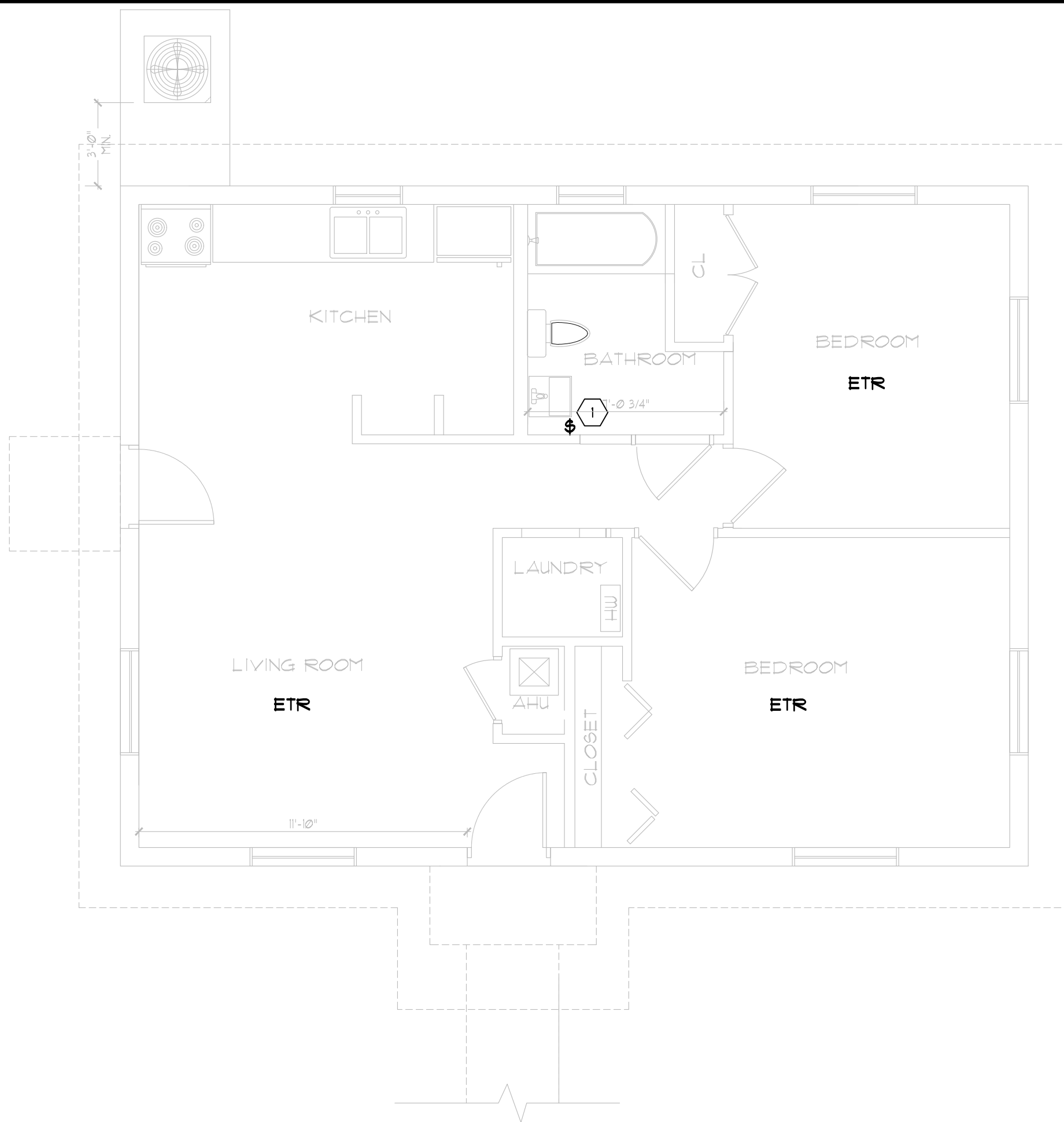
1 ELECTRICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- FOR ABBREVIATIONS, LEGENDS, & SYMBOLS NOT SHOWN, SEE DRAWING 0001.
- THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THIS REFLECTED CEILING PLAN WITH: THE ELECTRICAL LIGHTING PLANS, MECHANICAL SUPPLY & RETURN AND EXHAUST PLANS, AND THE FIRE PROTECTION PLANS. HE WILL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCY OR OMISSIONS THAT HE MAY DISCOVER.
- THE CONTRACTOR SHALL VERIFY THAT ACCESS PANELS OF APPROPRIATE SIZE AND TYPE ARE INSTALLED IN GYPSUM WALLBOARD CEILING SOFFITS, IN CEMENT PLASTER CEILINGS OR SOFFITS, AND IN OTHER NON-ACCESSIBLE TYPE CEILINGS OR SOFFITS WHERE ACCESS, SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING OR ELECTRICAL ITEMS MAY BE REQUIRED. ACCESS PANELS SHALL BE THE FIRE RATED TYPE EQUAL TO THE RATING OF THE CEILING OR SOFFIT IN WHICH THEY OCCUR.
- COORDINATE ELECTRICAL DRAWINGS AND/OR THE COMMUNICATIONS DRAWINGS FOR LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, SPEAKERS, FIRE ALARM DEVICES, ETC.
- THE CONTRACTOR WILL ADVISE THE OWNER AND TENANTS THAT AN 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF THE EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES, SHELVING, LOCKERS, ETC. THE CONTRACTOR WILL ALSO ADVISE THE OWNER AND TENANTS THAT ITEMS SHALL NOT BE PLACED OR STORED ON TOP OF SUCH SHELVING SO THAT THIS CODE REQUIRED 18" MINIMUM VERTICAL CLEARANCE WILL BE MAINTAINED.
- THE CONTRACTOR SHALL PROVIDE ACCESS PANELS IN GYPSUM WALLBOARD CEILINGS SO THAT THE ARCHITECT AND THE STATE AND LOCAL OFFICIALS CAN INSPECT RATED WALLS. ARCHITECT SHALL BE PROVIDED A LAYOUT FOR APPROVAL PRIOR TO INSTALLATION. THESE ACCESS PANELS WILL BE LOCATED AT INTERVALS NOT TO EXCEED 30'-0" ON CENTER, MINIMUM OF ONE PER SPACE, AND IN SUCH MULTIPLE LOCATIONS AS NECESSARY TO VIEW ALL SURFACES OF THE RATED WALLS.
- ALL SMOKE DETECTORS SHALL BE MINIMUM OF 3'-0" FROM ANY HVAC DIFFUSERS.
- ALL CEILING HEIGHTS ARE EXISTING UNLESS OTHERWISE NOTED.

KEY NOTES: ELECTRICAL PLAN

- NEW LOCATION OF RESTROOM LIGHT SWITCH/ FAN SWITCH.
- RECONNECT EXISTING CIRCUITS TO NEW PANEL. LAND ON A 20A/1P CIRCUIT BREAKER.
- RECONNECT EXISTING LIGHTING CIRCUIT TO NEW PANEL. LAND ON A 20A/1P CIRCUIT BREAKER.
- CONNECT NEW HVAC CONDENSER TO EXIST 15A/2P BREAKER IN EXISTING PANEL "MP".



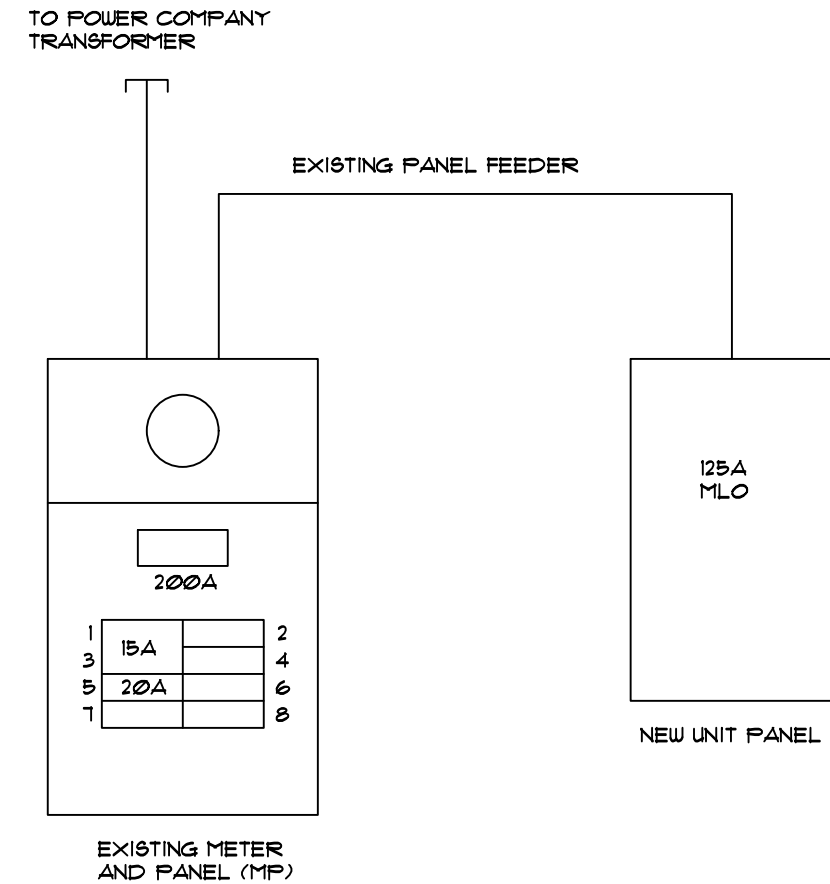
2 DEMO ELECTRICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

DEMOLITION NOTES

- ELECTRICAL CONTRACTOR SHALL REMOVE ALL LIGHT AND POWER DEVICES, IF ANY LIGHT FIXTURE BALLASTS ARE TO HAVE ANY TOXIC MATERIAL CONTRACTOR SHALL DISPOSE OF PER ANY STATE, FEDERAL REGULATIONS.
- CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, WHICH INCLUDES BUT NOT LIMITED TO , DEVICES, FIXTURES, WIRING, CONDUIT, ETC.
- OWNER SHALL HAVE OPPORTUNITY TO KEEP DEMOLISHED ELECTRICAL EQUIPMENT PRIOR TO BEING DISCARDED.
- SELECTIVELY DISCONNECT AND REMOVE ALL ABANDONED EXISTING ELECTRICAL WORK THROUGHOUT THE FACILITY, AS REQUIRED TO ACCOMMODATE NEW WORK OF ALL TRADES, NEW LAYOUTS, REPLACEMENT SYSTEMS, ETC. REMOVE RELATED CONDUIT AND WIRING BACK TO NEAREST CONCEALED ACCESSIBLE JUNCTION BOX "UPSTREAM". EXTEND CONDUIT, WIRING ETC. AS REQUIRED TO ACCOMMODATE NEW OR RELOCATED ELECTRICAL WORK. REMOVE ALL ABANDONED WIRING/CABLING BACK TO RESPECTIVE SOURCE.
- DISCONNECT AND REMOVE EXISTING FIXTURES, DEVICES, WIRING, OUTLET BOXES, JUNCTION BOXES, CONDUIT, ETC. FROM WALLS AND CEILINGS THAT ARE TO BE DEMOLISHED. REMOVE RELATED CABLING BACK TO ITS SOURCE.
- IN WALLS AND CEILINGS THAT ARE TO REMAIN IN RENOVATION AREAS, DISCONNECT AND REMOVE EXISTING FIXTURES, DEVICES, WIRING AND CONDUIT FOR ABANDONED ELECTRICAL WORK. REMOTE ALL RELATED WIRING BACK TO SOURCE. REMOVE OUTLET BOXES AND NEATLY PATCH FINISHED SURFACE IN ALL AREAS THAT WILL RECEIVE NEW FINISHES AND BE OCCUPIED AFTER RENOVATION. IN UNFINISHED AREAS, OUTLET BOXES MAY REMAIN - PROVIDE BLANK WALL PLATES. THIS NOTE ALSO APPLIES FOR EXISTING WORK THAT WILL BE RENDERED INACCESSIBLE BY NEW FURNITURE AND EQUIPMENT LAYOUT.
- DASHED ARCHITECTURAL LINES INDICATE WALLS, DOORS, ETC. TO BE REMOVED BY OTHERS.
- EXISTING WORK SHOWN ON THIS PLAN IS NOT INTENDED TO BE ALL. ONLY FOR GENERAL SCHEMATIC PLANNING REFERENCE. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
- EXISTING CONDUIT(S) FOR BRANCH CIRCUIT WIRING MAY BE REUSED IF NOT CONFLICTING WITH NEW WORK REQUIREMENTS. FIELD VERIFY CONDITIONS AND PROVIDE ADDITIONAL CONDUIT IF REQUIRED TO ACCOMMODATE NEW WORK.
- IT IS RECOGNIZED THAT THERE MAY BE EXISTING CONDUITS AND/OR RACEWAYS THAT ARE NOT SHOWN ON THIS DRAWING IN WALLS THAT ARE TO REMAIN. THE ELECTRICAL CONTRACTOR SHALL RE-ROUTE AND RE-CONNECT THESE CIRCUITS AT NO ADDITIONAL COST TO THE PROJECT.

KEY NOTES: ELECTRICAL PLAN

- RELOCATE RESTROOM LIGHT SWITCH AS SHOWN ON ELECTRICAL FLOOR PLAN.



ELECTRICAL ONELINE

NTS

Panel Name: UNIT										A.I.C.: 10K VOLTS: 120/208/100					M.C.B.: M.L.O.: 125A					LOCATION: TWO BEDROOM UNIT MOUNTED: RECESSED									
										Breaker					KVA Phase Load														
S	Cir	Circuit Description	Amps	P	A	B	C			A	B	C	P	Amps	Circuit Description	Cir	S												
R	1	RCPT - APPLIANCE	20	1	1.50					1.20			2	20	CONDENSING UNIT CU **	2	M												
R	3	RCPT - APPLIANCE				1.50				1.20						4	M												
M	5	DISPOSAL ***	20	1	0.60					4.00			2	50	RANGE	6	H												
M	7	REFRIGERATOR	20	1		0.60				4.00						8	H												
L	9	LTG - BATHROOM	20	1	0.25					2.25			2	30	EWI	10	H												
R	11	RCPT - BATHROOM	20	1		0.18				2.25						12	H												
	13	SPACE								1.50			2	30	AHU***	14	M												
	15	SPACE								1.50						16	M												
	17	SPACE								2.50			2	30	DRYER	18	H												
	19	SPACE								1.25	2.50		1	20	WASHER ***	22	R												
	21	SPACE													SPACE	24													
	23	SPACE													SPACE	26													
	25	SPACE													SPACE	28													
M	27	DISHWASHER ***	20	1		0.90									SPACE	30													
	29	SPACE																											
Sub-Total:										2.35	3.18																		
UNIT AREA (SQ. FT)										967.00																			
GENERAL LIGHTING KVA (SQ. FT x 3)										2.99																			
EQUIPMENT & APPLIANCE LOAD W/O HVAC										26.68																			
FIRST 10.00 KVA @100% *										10.00																			
BALANCE @ 40%										9.07																			
HVAC (HEAT LOAD)										2.40																			
ACTUAL UNIT KVA										21.47																			
UNIT AMPS (208V, 1-Phase)										103.21																			
																				* = First 10 @ 100%, Remainder at 40%									
																				** = 2 #12, 1 #12G, 1°C PER SECTION 440.4(B)									
																				*** = GFCI -Type Circuit Breaker									
																				**** = 2 #10, 1 #10G, 1°C PER SECTION 440.4(B)									
																				CONTRACTOR SHALL PROVIDE ARC FAULT CIRCUIT BREAKERS AS PER NEC									

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