

TC 10 Request for Information

generated by Dave Helmericks

Project Manager

Yavapai- Apache Nation

RFI #

005

Date

1/5/26

From

Connally / YANTH

To

PERLMAN

Question 1- ALL OF BUILDING PLANS FOR
TC 10 ARE SHOWING GFCI FOR
THE RANGE, DRYER - DO THEY
LIVE UP TO CODE? WHAT ARE
WE REQUIRED TO INSTALL?

2- THE FRIDGE IS THAT HAVING TO
BE A DEDICATED CIRCUIT (20AMP
TO FRIDGE ONLY) CAN IT ALSO
SERVE COUNTER TOP OUTLETS?

Answer

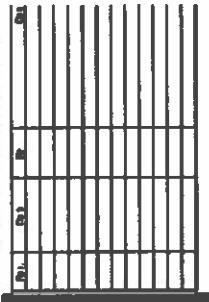
ELECTRICAL RESPONSE:

1) FOR THE RANGE, WATER HEATER AND DRYER, A GFCI CIRCUIT BREAKER WOULD
PROVIDE ADDITIONAL PROTECTION BUT NOT REQUIRED BY CODE.

2) ONE OF THE SMALL APPLIANCE CIRCUITS SERVING THE COUNTERTOP RECEPTACLES
CAN ALSO PICK UP THE REFRIGERATOR CIRCUIT.

ERIC MARTIN, PE

PANELBOARD: BUILDING 1 ELEVATION A,B,C		AMPS: 1000A	MAIN: MCB						
ISOLATED GROUND: NO	ENCLOSURE: METAL DR.	PHASES: 1	BUS RATING: 200A						
MOUNTING: SURFACE MOUNTED	TYPE: PLUG-IN	WIRES: 3	SPACER: 0.5" 12-10						
EQ. STATUS: NEW									
CIRCUIT DESCRIPTION	WIRE SIZE	SHR/ POLES	CIRCUIT NO.	AMPS (A)	SP (A)	CIRCUIT NO.	SHR/ POLES	WIRE SIZE	CIRCUIT DESCRIPTION
MECH (OU-1)	#6	40				1		#6	MECH (PO-1)
NEON (OU-1)						2		#6	NEON (PO-1)
KITCHEN CKT #1 RECEPT(4FC)	#12	20				3		#10	DRYER RECEPT(FC)
KITCHEN CKT #2 RECEPT(4FC)	#12	20				4		#10	DRYER RECEPT(FC)
MICROWAVE RECEPT(FC)	#12	20				5		#10	LAUNDRY CKT RECEPT(FC)
DISPOSAL RECEPT(FC)	#12	20				6		#12	MISC SMOKE DETECTOR
DISHWASHER RECEPT(FC)	#12	20				7		#12	BEDROOM #1 LIGHTING AND RECEPT(FC)
REFRIG RECEPT(AFC/SPC)	#12	20				8		#12	BEDROOM #2 LIGHTING AND RECEPT(FC)
WASHER RECEPT(AFC/SPC)	#12	20				9		#12	BEDROOM #3 LIGHTING AND RECEPT(FC)
BATH 1 RECEPT(FC)	#12	20				10		#12	GREAT ROOM LIGHTING AND RECEPT(FC)
BATH 2 RECEPT(FC)	#12	20				11		#12	DINING LIGHTING AND RECEPT(FC)
WATER HEATER 4.5 KW(FC)	#10	50				12		#12	HALLWAY/ENTRY LIGHTING AND RECEPT(FC)
WATER HEATER 4.5 KW(FC)						13		#6	DUCT HEATER 10 KW
RANGE(FC)						14		#12	DUCT HEATER 10 KW
RANGE(FC)						15		#12	MECH (M4U-1)
KITCHEN LIGHTING AND RECEPT(4FC)	#12	20				16		#12	IT CABINET
SPARE						17			SPARE
SPARE						18			SPARE
SPARE						19			SPARE
SPARE						20			SPARE
SPARE						21			SPARE
TOTAL LOAD PER PHASE (VOLT-AMPERES)						22			SPARE
						23			SPARE
						24			SPARE
						25			SPARE
						26			SPARE
						27			SPARE
						28			SPARE
						29			SPARE
						30			SPARE
						31			SPARE
						32			SPARE
						33			SPARE
						34			SPARE
						35			SPARE
						36			SPARE
						37			SPARE
						38			SPARE
						39			SPARE
						40			SPARE
						41			SPARE
						42			SPARE
						43			SPARE
									SEE LOAD CALCULATIONS
									SEE LOAD CALCULATIONS



Apache Nation Housing - TC #10
East Cherry Creek Road
Camp Verde, Arizona
Yavapai Apache Nation Tribal Housing
2400 West Datsi Street
Camp Verde, AZ 86322

Project Owner

Drawn/Checked

Wick Engineering, LLC
Date 2025.11.19

Project Number
325004

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