2018 IRC - IBC

2006 **IECC**

CALL TWO WORKING DAYS BEFORE YOU DIG

1-800-STAKE-IT (1-800-782-5348) YAVAPAI COUNTY

2018 IRC R311.3 There shall be a floor or landing on each side of the exterior door. The width of the landing shall not be less than the door served with a minimum distance of 36" measured in the direction traveled.

The inspector may require further clarification on stamped plans. This may include, but not limited to a special inspection and /or a cross section detail stamped

and signed by the Designer/Architect/Engineer of record.

DEVELOPMENT SERVICES *PARCEL *OWNER/APPLICANT PERMIT #: PROJECT: **HOME OF MY OWN - 2 BED RIGHT (2024 PLANS)**

* Information required to be filled out by the applicant.

Yavapai County Ordinance, Section 112.6

CAUTION

Yavapai County permitted building plans do not relieve

the Owners or General Contractor from their

responsibilities to conform to all adopted building codes.

Every effort has been made to provide a thorough plan

review, however plans may contain irregularities. If plans

do not contain the proper information or details the

Owner/General Contractor Shall Not proceed with the

project until the issue has been resolved through Yavapai

County and any professional involved in the project

Drainage across Property Lines. Drainage across property lines shall not exceed that which existed prior to grading. Excess or concentrated drainage shall be contained on site or directed to an approved drainage facility. Erosion of the ground in the area of discharge shall be prevented by installation of non-erosive down-drains or

other devices.

Per 2018 IRCR309.1, R309.2, and IBC 406.3.3: Garage/ carport surfaces used for parking of vehicles shall be sloped to drain liquids to the main vehicle entry doorway or an approved drain

THE ENGINEERED

GEOTECHNICAL REPORT IS A

PART OF THE PERMITTED

DOCUMENTS, AND SHALL BE

ONSITE AT ALL TIMES WITH THE

PERMITTED PLANS.

Applicant acknowledges that plans stamped by a

registrant will not be fully reviewed by staff and

that approvals are contingent upon favorable

field inspections. Should conditions in the field

prove non-conducive to code requirements,

significant delays may be realized. Applicant

attests that the sealed plans are in compliance

with all applicable codes and ordinances

Effective April 20, 2006, **Fully shielded fixtures are** required for all exterior lamps

The mechanical equipment, design and system have been reviewed for the basic design ONLY. The HVAC contractor shall review the plans/ calculations to assure the design is adequate and complies with all applicable codes and installation

Per Article 210.12 of the **2017 NEC**

Arc fault circuit interupters are required

A separate permit for alternative

electric source is required. The

alternative electric source

permit will need to be issued

and finalized before a building

final can be obtained

THE GAS PIPING INSTALLER SHALL **VERIFY THE SYSTEM IS OF SUCH SIZE** FOR THE MAXIMUM DEMAND AND TO **MEET EACH APPLIANCE INLET AT NOT** LESS THAN THE MINIMUM SUPPLY PRESSURE REQUIRED

Foam spray shall comply with the ES Reports

and applicable codes. It is the responsibility

of the owner and/or contractor(s) to review

reports and understand requirements before

application, Ignition/thermal barrier is

required unless otherwise exempt. Failure to

comply may cause additional cost to the

owner/contractor(s).

THIRD PARTY SPECIAL INSPECTIONS REQUIRED: (Third party special inspections are not in lieu of required building inspections.) YES

The following items require special inspections:

YAVAPAI

- SOILS CONDITION
- SOILS COMPACTION
- BOTTOM OF FOOTING COMPACTION
- AND OTHER INSPECTIONS REQUIRED BY THE GEOTECHNICAL ENGINEER.

Reports to be supplied to the Building Inspector

It is imperative that the owner /contractor print ALL permit documents from the online portal before inspection.

CAUTION:

Areas within Yavapai County are likely to have expansive, compressible, shifting or other unknown soils conditions. The building official may require a soils test to determine the soils characteristic at a particular location.

GENERAL GRADING NOTES:

Where the lot line walls, slopes, or other physical barriers prohibit 6" of fall within 10', drains or swales shall be provided to insure drainage away from the structure. **MAINTAIN MINIMUM 2:1 SLOPE**

The faces of cut and fill slopes shall be prepared and maintained to control against erosion. The protection for the slopes shall be installed as soon as practicable and prior to requesting final approval. NO GRADING WITHIN 2' OF PROPERTY LINES

aps

Contact APS BEFORE you start construction; APS Prescott Office: 928-443-6797; Prescottcontroldesk@apsc.com APS Cottonwood Office: 928-646-8502; Verdecontroldesk@apsc.com

APS Wickenburg Office: 602-371-6200; Wickenburg controldesk@apsc.co

The property owner shall be responsible to verify fire sprinkler requirements with the governing fire district

Provide at least one window or exterior door approved for emergency escape or rescue for every room used for sleeping purposes. 2018 IRC R310.1

IMPORTANT! Footings will not be inspected until the property

Interconnected smoke detectors are required for this project per **2018 IRC R314.3.1. Each sleeping** room, outside each sleeping room and on each floor level.

APPROVAL IS SUBJECT TO FIELD INSPECTION AND COMPLIANCE WITH **ALL RELEVANT CODES,** LAWS AND ORDINANCES

RAIN GUTTERS & DOWNSPOUTS

is required. Refer to the geotechnical report for an additional requirements

corners are properly pinned. flagged and easily identifiable to the building inspector.

No slab grade or floor framing inspections will be conducted without compaction reports.

Per 2018 YCABC Ordinance 2014-1 Section 110.3.4: **Pre-slab inspections are required**

Slab insulation shall be approved for the under slab application. Provide an ES Report and manufacturer's specifications if not using the pre-approved products

- 1. Extruded polystyrene insulation Dow square edge (Blue)
- 2. Extruded polystyrene Owen corning Foamular 250 (Pink)

ARE REQUIRED

Positive drainage away from the structure

Reviewed for Design Criteria Only

/

Truss calculations to be on site at the time of frame inspection

BIG STAMP

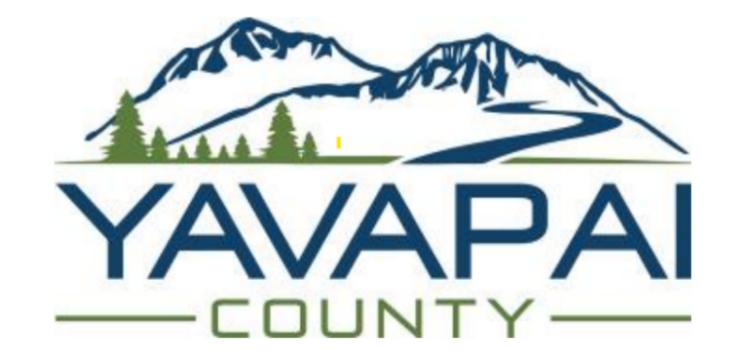
BOARD OF SUPERVISORS

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DEVELOPMENT SERVICES

JEREMY DYE, DIRECTOR MARK LUSSON, ASSISTANT DIRECTOR WARREN COLVIN, CHIEF BUILDING OFFICIAL



ARIZ

SHEET 2 BATH COVER BDRM / 7 4

PHASE

SHEET NO:

HOME OF MY OWN Phase Two Single-Family Housing TWO BEDROOM / TWO BATH - RIGHT PARKING

1015 Fair Street Prescott, Arizona

INDEX TO DRAWINGS

COVER SHEET W/ PROJECT INFORMATION FLOOR PLANS / OPENING SCHEDULES FOUNDATION PLANS ROOF FRAMING PLANS BRACE WALL PLANS A - 4.0EXTERIOR ELEVATIONS **BUILDING SECTIONS** A-6.0A - 7.0**DETAILS MECHANICAL** M-1.0**ELECTRICAL** E-1.0

PROJECT INFORMATION

ALL WORK SHALL CONFORM TO ALL YAVAPAI COUNTY ADOPTED CODES, ORDINANCES AND POLICIES, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: 2018 INTERNATIONAL RESIDENTIAL CODE (IRC) 2018 INTERNATIONAL PLUMBING CODE (IPC) 2018 INTERNATIONAL MECHANICAL CODE (IMC) 2017 NATIONAL ELECTRIC CODE (NEC) 2006 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

LIVABLE: 1,080 SQ. FT. CARPORT/ALT. GARAGE: 517 SQ. FT 144 SQ. FT. **COVERED ENTRY: TOTAL UNDER ROOF:** 1,741 SQ. FT.

OPTION WITHOUT GARAGE, OR CARPORT LIVABLE: 1,080 SQ. FT. **COVERED ENTRY:** 144 SQ. FT TOTAL UNDER ROOF: 1,224 SQ. FT.

OCCUPANCY: R-3 (Single-Family Residential) CONSTRUCTION TYPE: V-B

THESE HOMES WERE DESIGNED FOR A MAXIMUM ELEVATION OF 6200 FEET (40 LB. SNOW LOAD). THEY WERE NOT DESIGNED FOR A TILE ROOF.

GENERAL NOTES

I. DUE TO REPROGRAPHIC PROCESS. THESE PLANS MAY NOT BE ACCURATE TO SCALE. DIMENSIONS ARE NOT TO BE SCALED FROM THE WORKING DRAWINGS.

2. BEFORE ORDERING ANY MATERIALS OR STARTING ANY WORK, CONTRACTORS SHALL VERIFY ALL MEASUREMENTS AND EXISTING CONDITIONS AT THE SITE AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE SAME. ANY DEVIATION AND/OR UNSAFE OR UNREGULATED CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF YAVAPAI COUNTY DEVELOPMENT SERVICES.

3. GENERAL CONTRACTOR TO VERIFY AND LOCATE ALL UTILITY STUB OUTS AND MAINS BEFORE BEGINNING CONSTRUCTION OF PROJECT.

4. GENERAL CONTRACTOR TO VERIFY THE REMOVAL AND/OR REPLANTING OF LANDSCAPE IF THE CONDITION OCCURS OVER THE PROJECT SITE.

5. DAMAGE TO SITE, UTILITIES, OR NEWLY BUILT IMPROVEMENTS, NOT DESIGNED FOR REMOVAL, SHALL BE THE RESPONSIBLITY OF THE GENERAL CONTRACTOR INVOLVED, AND SHALL BE REPAIRED OR REPLACED AT THE

6. VERIFY UNIFORMITY OF ALL FRAMING SO AS TO CREATE A SMOOTH, REGULAR FINISH WITH NO IRREGULARITIES.

1. IT IS THE RESPONSIBILTY OF THE GENRAL CONTRACTOR, TO THOROUGHLY REVIEW THE PLANS AND TO NOTIFY YAVAPAI COUNTY DEVELOPMENT SERVICES OF ANY DISCREPANCIES. YAVAPAI COUNTY, NOR THE ARCHITECT-OF-RECORD, WILL NOT BE RESPONSIBLE FOR MATERIALS IMPROPERLY ORDERED OR INSTALLED.

8. FAILURE BY THE GENERAL CONTRACTOR, OR SUB-CONTRACTORS, TO AQUAINT THEM-SELVES WITH ALL AVAILABLE INFORMATION CONCERNING THIS PROJECT SHALL NOT RELIEVE THEM OF THE RESPONSIBILITY TO PERFORM THEIR

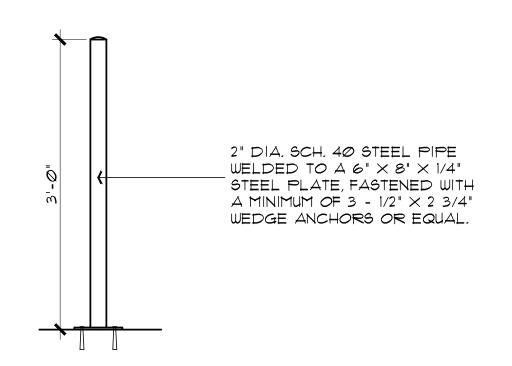
- 9. APPROVAL OF ALL CONSTRUCTION IS SUBJECT TO FIELD VERIFICATION BY YAVAPAI COUNTY PERSONELL.
- 10. EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE (1) OPERATING WINDOW, OR DOOR, FOR EMERGENCY EGRESS, OPEN DIRECTLY TO A STREET, ALLEY, OR YARD.

FOUNDATION NOTES

- 2. FOOTINGS AND INTERIOR FLATWORK TO BE MIN.
- 2500 P.S.I. MIN COMPRESSIVE STRENGTH AT 28 DAYS. 3. FOUNDATION SUPPORTED WOOD TO EXTEND MIN. 6" ABOVE
- 4. FOUNDATION PLATES AND SILLS SHALL BE BOLTED TO FOUNDATION WITH MIN. 1/2" BOLTS 6'-0" O.C., 12" FROM CORNERS AND EMBEDDED 7" INTO FOUNDATION WALL
- 5. EXTERIOR FLATWORK SLOPE TO BE 1/4" PER FOOT.
- 6. CONTRACTOR TO EMBED 20' OF #4 G.A. COPPER WIRE IN FOOTING FOR ELECTRICAL SERVICE GROUND.
- 7. THE GRADE AWAY FROM FOUNDATION WALLS SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET.
- 8. ALL EXTERIOR PLATES, LOAD BEARING AND NON LOAD BEARING
- SHALL BE PRESSURE TREATED, LESS THAN 8" ABOVE GRADE
- 9. FILL BEING PLACED THAT EXCEEDS 2' WILL REQUIRE A CERTIFIED

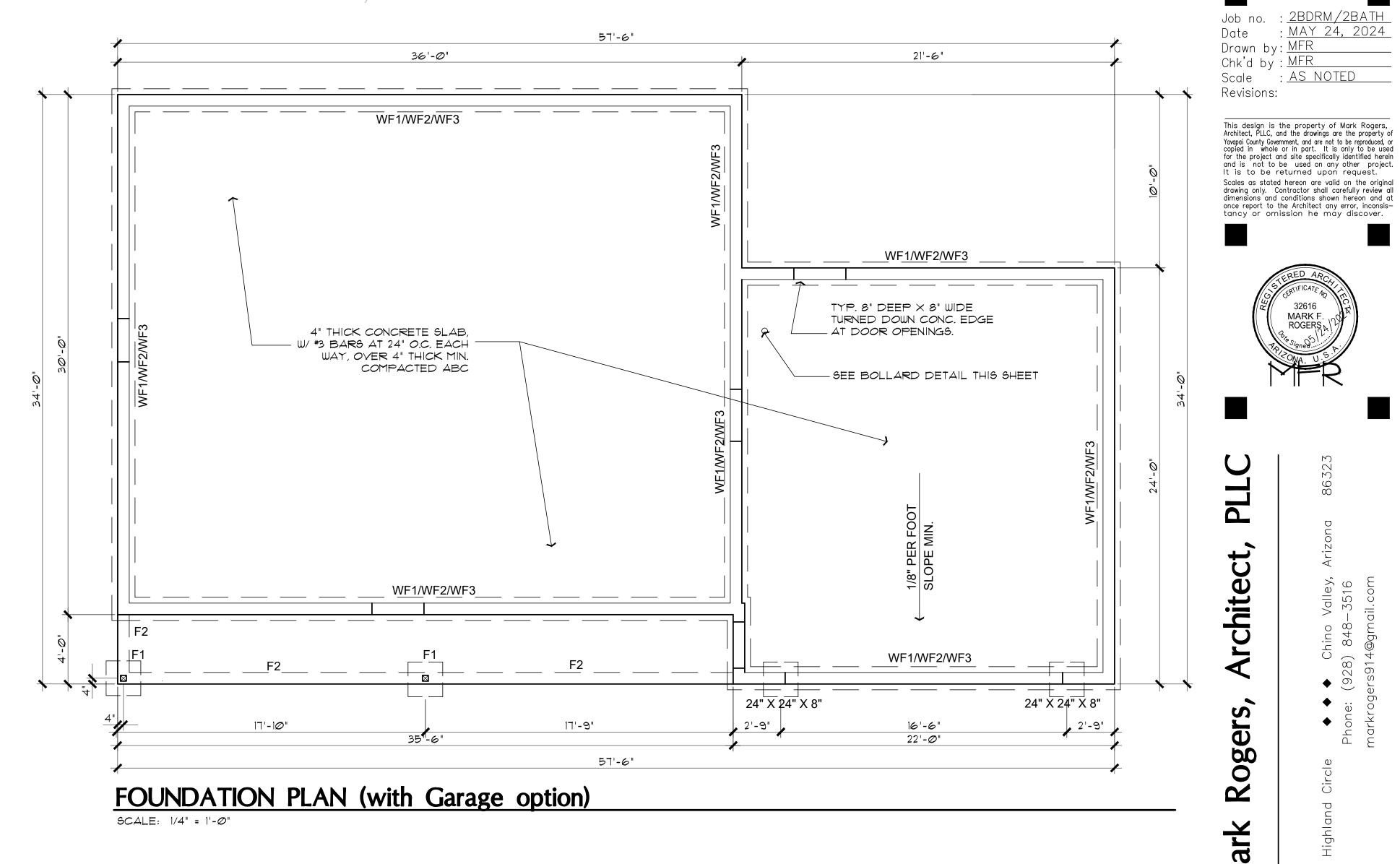
NOTE: THE FOOTINGS SIZE, THICKNESS, AND BOTTOM OF FOOTING DEPTH SHALL BE PER THE GEOTECHNICAL REPORT/ENGINEER'S REQUIREMENTS. THIS SHALL INCLUDE ANY OVER EXCAVATIONS, ENGINEERED PAD REQUIREMENTS, AND/OR A CHANGE IN DEPTH, AND TYPE OF BASE COURSE UNDER THE CONCRETE SLABS.

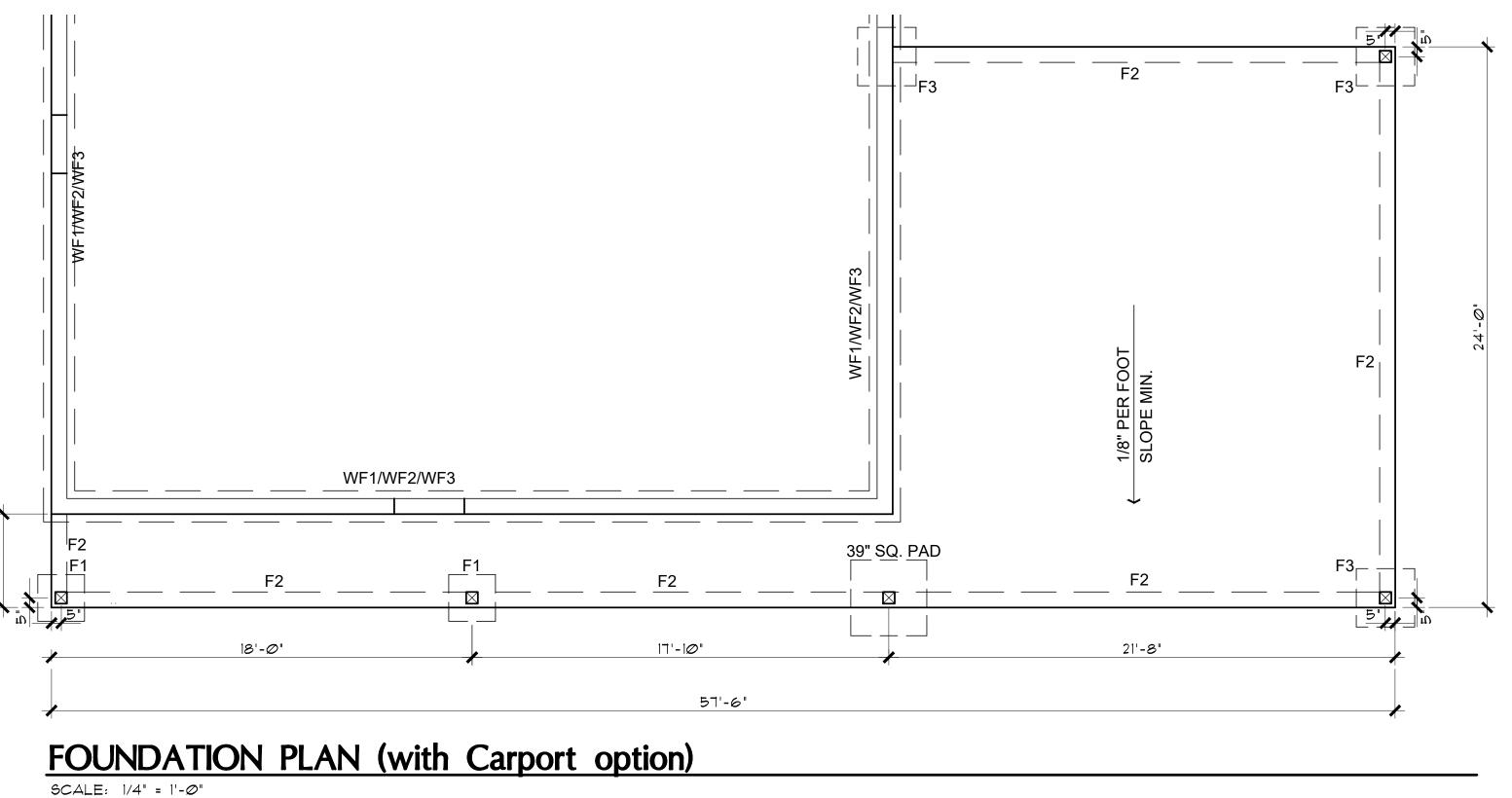
SEE SHEET A-7.0 FOR FOOTING DETAILS



BOLLARD DETAIL

SCALE: 1/4" = 1'-0" THIS DETAIL APPLIES ONLY IF THE WATER HEATER IS LOCATED IN THE GARAGE.





SHEET NO:

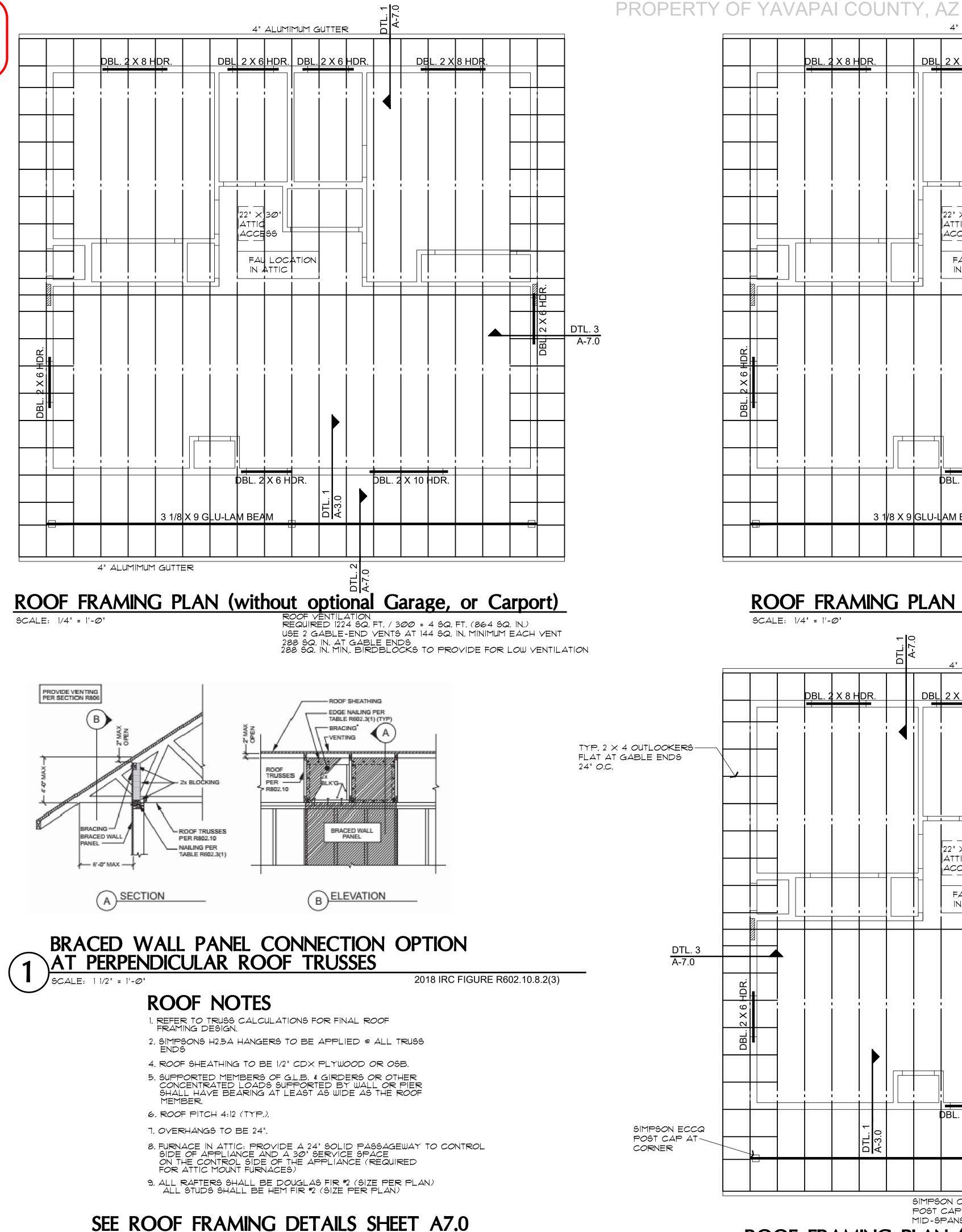
TION PLANS / 2 BATH - RIGHT PARKING

: <u>MAY 24, 2024</u>

: AS NOTED

MARK F.

A-2.0



4" ALUMIMUM GUTTER Drawn by Chk'd by: MFR <u>DBL 2 X 6 HDR. | DBL 2 X 6 HDR. </u> : AS NOTED Scale Revisions: This design is the property of Mark Rogers, Architect, PLLC, and the drawings are the property of Yavapai County Covernment, and are not to be reproduced, or copied in whole or in part. It is only to be used for the project and site specifically identified herein and is not to be used on any other project It is to be returned upon request. Scales as stated hereon are valid on the original drawing only. Contractor shall carefully review all 4" ALUMIMUM GUTTER dimensions and conditions shown hereon and at once report to the Architect any error, inconsistancy or omission he may discover. MARK F. ACCE\$5 A-7.0 P rchite 4" ALUMIMUM GUTTER ROOF FRAMING PLAN (with optional Garage) ROOF VENTILATION REQUIRED 1741 SQ. FT. / 300 = 6 SQ. FT. (864 SQ. IN.) SCALE: 1/4" = 1'-0" USE 3 GABLE-END VENTS AT 144 SQ. IN. MINIMUM EACH VENT 432 SQ. IN. AT GABLE ENDS 432 SQ. IN. BIRDBLOCKS TO PROVIDE FOR LOW VENTILATION 4" ALUMIMUM GUTTER NOTE: PROVIDE PANEL EDGE SUPPORT FOR <u>DBL. 2 X 8 HDI</u> DBL 2 X 6 HDR. DBL 2 X 6 HDR. NARROW-WIDTH ROOF SHEATHING PER APA TECHNICAL REPORT #R275A. ANS - RIGHT PARKING 4" ALUMIMUM GUTTER FAU LOCATION IN ATTIC | AING PL 2 BATH 22" × 30" Attic DTL. 3 (SIM. ROOF FRATWO - 2 BDRM PRE-ENGINEERED WOOD ТRUS\$ES А**Т** 24" Ф.С. AP **PHASE** 5 1/8**†** X 13 **1**/2" GLB 1/8" X 13 1/2" GLE SHEET NO: SIMPSON CCQ/ POST CAP AT 4" ALUMIMUM GUTTER A - 3.0ROOF VENTILATION REQUIRED 1741 SQ. FT. / 300 = 6 SQ. FT. (864 SQ. IN.) MID-SPANS ROOF FRAMING PLAN (with optional Carport) USE 3 GABLE-END VENTS AT 144 SQ. IN. MINIMUM EACH VENT -432 SQ. IN. AT GABLE ENDS SCALE: 1/4" = 1'-0" 8 O'HAGIN OR OTHER EQUAL LOW VENTS AT 72 SQ. IN. EACH

432 SQ. IN. BIRDBLOCKS TO PROVIDE FOR LOW VENTILATION

PROPERTY OF YAVAPAI COUNTY. AZ

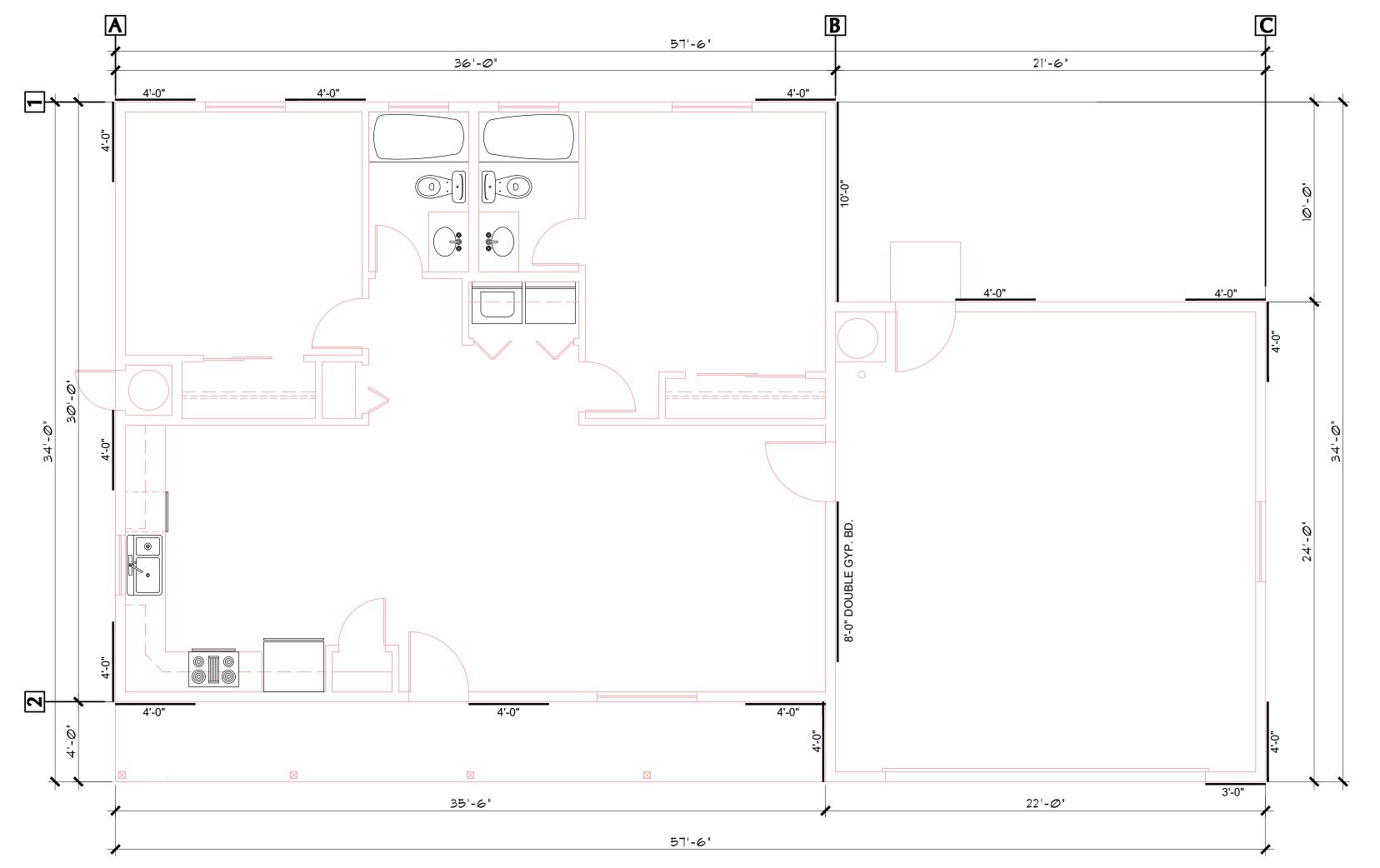
REVIEWED FOR DESIGN CRITERIA ONLY

SEE ATTACHED COVER SHEET FOR ALL STAMPS. IT IS THE RESPONSIBILITY OF THE OWNER/APPLICANT TO REVIEW AND ACKNOWLEDGE APPLICABLE STAMPS.

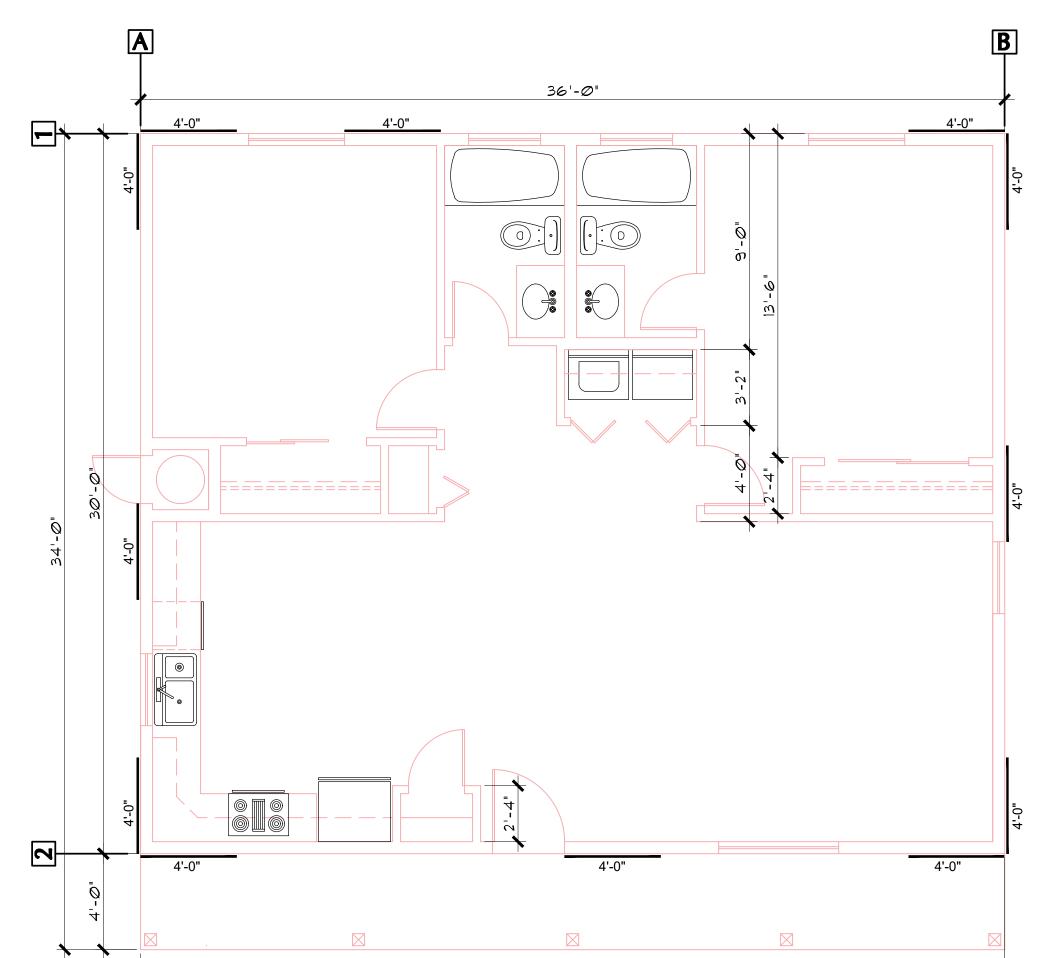
			1				1 .					
WIND SPEED (MPH)			115		115		115		115		115	
BRACED WALL LINE			Α		В		С					
	STORY											
BR	BRACED WALL PANEL METHOD			CS-WSP CS-PF CS-G		GB		CS-WSP CS-PF CS-G				
	AVG BWL SPACING (ft)			34		34		24				
	TABULAR REQUIRED (ft)			5.10		10.70		3.90				
	EXPOSURE		С	1.20	С	1.20	С	1.20	С		С	
	EAVE-RIDGE HT (ft)		6.00	0.76	6.00	0.76	6.00	0.76				
Ë	STORY HEIGHT (ft)		9.00	0.95	9.00	0.95	9.00	0.95				
ADJUSTMENT	# BWLs		3.00	1.30	3.00	1.30	3.00	1.30				
l š	ADD PAIR 800# HOLD DOWNS		NO	1.00	NO	1.00	NO	1.00				
4	OMIT INTERIOR GB		NO	1.00	NO	1.00	NO	1.00				
	METHOD GB FASTEN @ 4" o.c		NO	1.00	NO	1.00	NO	1.00				
	HORIZONTAL BLOCKING OMITTED		NO	1.00	NO	1.00	NO	1.00				
	REQUIRED BWP LENGTH (ft)		5.74		12.05		4.39					
	CONTRIBUTING LENGTH	BWP	METHOD	LENGTH (ft)	METHOD	LENGTH (ft)	METHOD	LENGTH (ft)	METHOD	LENGTH (ft)	METHOD	LENGTH (ft)
		1	CS-WSP	4.00	CS-WSP	10.00	CS-WSP	4.00				
₽		2	CS-WSP	4.00	DS - GB	8.00	CS-WSP	4.00				
ACTUAL BWP		3	CS-WSP	4.00	CS-WSP	4.00						
Ϊ́		4										
¥		5										
		6										
		7										
	ACTUAL BWP LENGTH (ft)			12.00		22.00		8.00				
	ACTUAL ≥ REQUIRED		YES		YES		YES					
SPACE	BWPs ≤ 20' APART		YES		YES		YES					
# of	Length of BWL (ft))		30	34		24					
BWPs	BWP 1 ≤ 16', 2 > 16'			YES	,	YES	,	YES				
ENDS	BWP WITHIN 10' OF END		YES	YES	YES	YES	YES	YES				
	CONTINUOUS END CONDITION		3	3	3	3	3	3		_		
В	BWL COMPLIANCE PASS-FAIL			PASS		PASS		PASS				

WIND SPEED (MPH)			115		115		115		115		115	
BRACED WALL LINE			1		2				Α		В	
STORY												
BRACED WALL PANEL METHOD			CS-WSP CS-PF CS-G		CS-WSP CS-PF CS-G				CS-WSP CS-PF CS-G		CS-WSP CS-PF CS-G	
AVG BWL SPACING (ft)			36		36				30		30	
TABULAR REQUIRED (ft)			5.40		5.40				4.50		4.50	
ADJUSTMENT	EXPOSURE		С	1.20	С	1.20	С		C	1.20	С	1.20
	EAVE-RIDGE HT (ft)		6.00	0.76	6.00	0.76			6.00	0.76	6.00	0.76
	STORY HEIGHT (ft)		9.00	0.95	9.00	0.95			9.00	0.95	9.00	0.95
	#BWLs		2.00	1.00	2.00	1.00			2.00	1.00	2.00	1.00
	ADD PAIR 800# HOLD DOWNS		NO	1.00	NO	1.00			NO	1.00	NO	1.00
	OMIT INTERIOR GB		NO	1.00	NO	1.00			NO	1.00	NO	1.00
	METHOD GB FASTEN @ 4" o.c		NO	1.00	NO	1.00			NO	1.00	NO	1.00
	HORIZONTAL BLOCKING OMITTED		NO	1.00	NO	1.00			NO	1.00	NO	1.00
REQUIRED BWP LENGTH (ft)			4.68		4.68				3.90		3.90	
	CONTRIBUTING LENGTH	BWP	METHOD	LENGTH (ft)	METHOD	LENGTH (ft)	METHOD	LENGTH (ft)	METHOD	LENGTH (ft)	METHOD	LENGTH (ft)
ACTUAL BWP		1	CS-WSP	4.00	CS-WSP	4.00			CS-W\$P	4.00	CS-WSP	4.00
		2	CS-WSP	4.00	CS-WSP	4.00			CS-WSP	4.00	CS-WSP	4.00
		3	CS-WSP	4.00	CS-WSP	4.00			CS-WSP	4.00	CS-WSP	4.00
		4										
		5										
		6										
		7										
ACTUAL BWP LENGTH (ft)		12.00		12.00				12.00		12.00		
ACTUAL ≥ REQUIRED			YES		YES				YES		YES	
SPACE	E BWPs ≤ 20' APART		YES		YES				YES		YES	
# of	Length of BWL (ft)		30		30				36		36	
BWPs	BWP 1 ≤ 16', 2 > 16'		YES		YES				YES		YES	
ENDS -	BWP WITHIN 10' OF END		YES	YES	YES	YES			YES	YES	YES	YES
	CONTINUOUS END CONDITION		3	3	3	3			3	3	3	3
BWL COMPLIANCE PASS-FAIL		PASS		PASS				PASS		PASS		





BRACE WALL PLAN (with Garage option) SCALE: 1/4" = 1'-0"



36'-0" BRACE WALL PLAN (same as with Carport option)

OPTIONS FOR EXTERIOR SIDING-OPTION #1: 5/8" THICK T1-11, SIDING, 12" MINIMUM GROOVE SPACING. THE T1-11 MAY SERVE AS THE BRACE WALL PANELS, PROVIDED THE CODE REQUIRED NAILING PATTERN IS APPLIED. SEE DETAIL #1, A-6.0

OPTION #2: MINIMUM 3/8" THICK "LP SMART SIDING". (SEE DTL. #1, A-6.0)

OPTION #3: STUCCO OVER WEATHER BARRIER, OVER 1/2" PLYWOOD SEE DETAIL #2, A-6.0)

OPTION #4: HORIZ. SIDING OVER WEATHER BARRIER, OVER 1/2" PLYWOOD SEE DETAIL #3, A-6.0)

: MAY 24, 2024 Drawn by: MFR Chk'd by: MFR Scale : AS NOTED Revisions: This design is the property of Mark Rogers, Architect, PLLC, and the drawings are the property of Yavapai County Government, and are not to be reproduced, or copied in whole or in part. It is only to be used for the project and site specifically identified herein and is not to be used on any other project. It is to be returned upon request.

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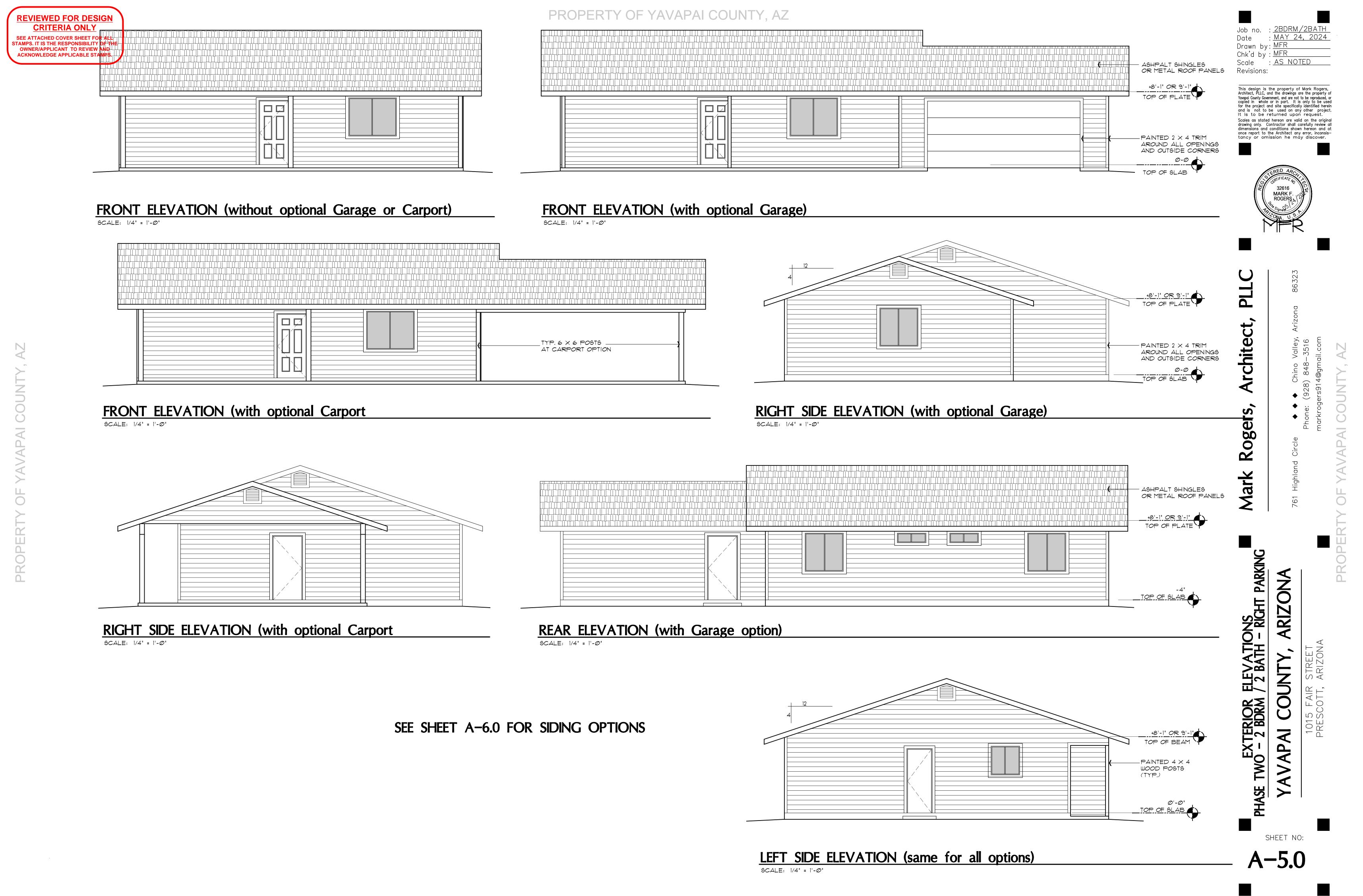
Mar

RIGHT PARKING

SHEET NO:

PROPERTY OF YAVAPAI COUNTY. AZ

SCALE: 1/4" = 1'-0"



2'-0 SQUARE -----2'-6" SQ. AT F3 FOOTINGS

4 THK. CONC. SLAB W/

TYPICAL TURN-DOWN FOOTING

4" COMP. ABC

#3 BARS AT 32" O.C. EA. WAY OVER

POST BASE FOOTING

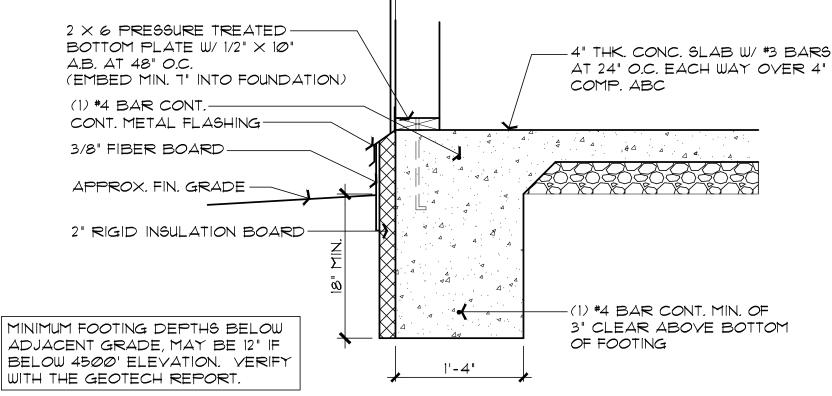
BCALE: 1" = 1'-0"

MONOLITHIC FOOTING OPTION

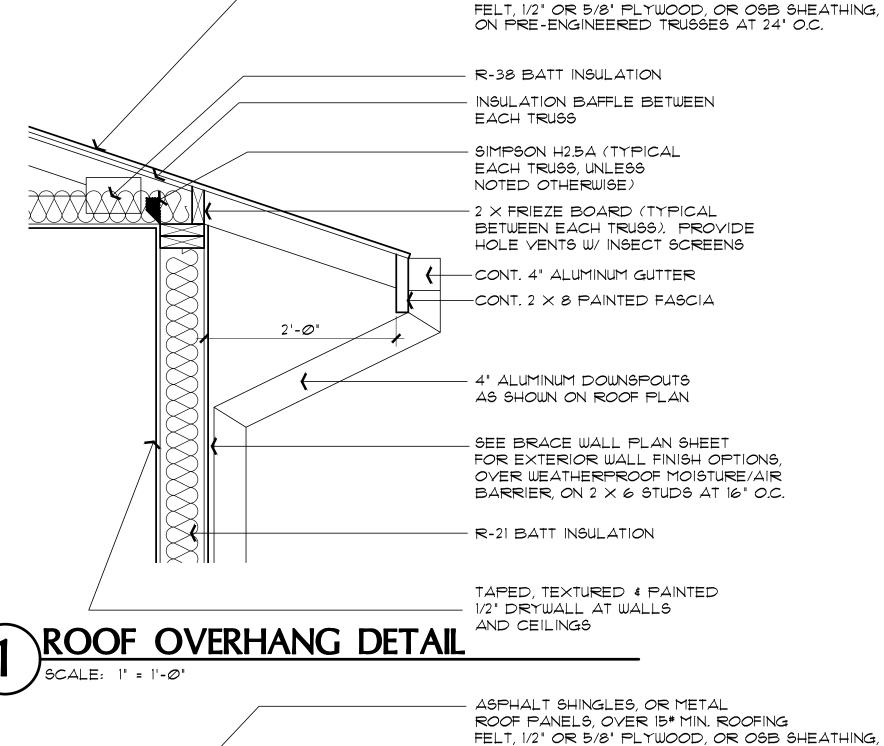
SCALE: 1" = 1'-0"

OF FOOTING

NOTE: SLAB INSULATION MAY BE ELIMINATED IF USING WINDOWS WITH 0.32 U-FACTOR OR BETTER.



MONOLITHIC FOOTING OPTION WITH WF4 EXTERIOR SLAB INSULATION



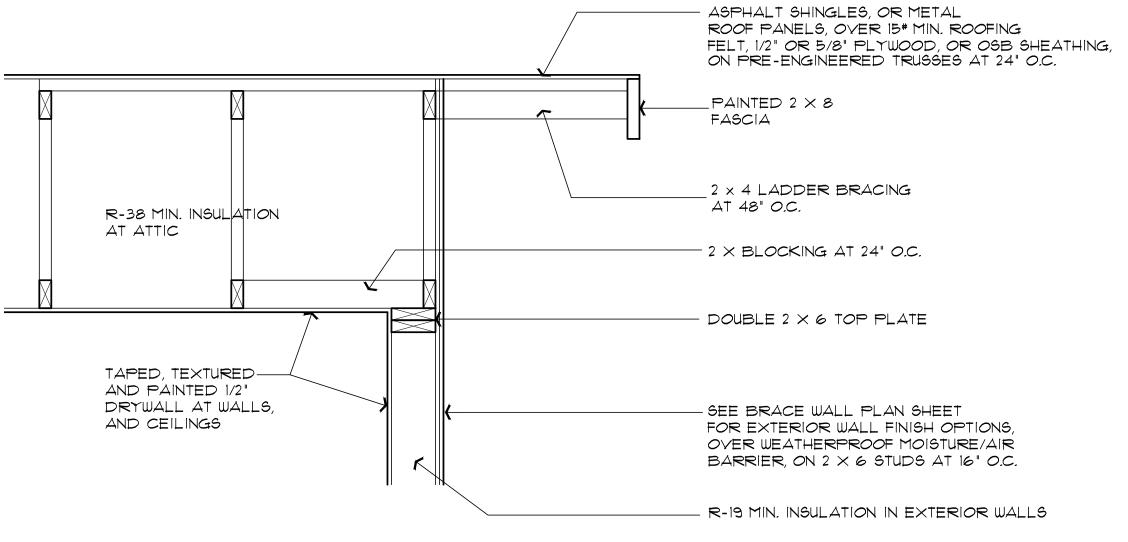
ASPHALT SHINGLES, OR METAL

ROOF PANELS, OVER 15# MIN. ROOFING

ON PRE-ENGINEERED TRUSSES AT 24" O.C. R-38 BATT INSULATION INSULATION BAFFLE BETWEEN EACH TRUSS - SIMPSON H2.5A (TYPICAL EACH TRUSS, UNLESS NOTED OTHERWISE) - 3 HOLE, 2" DIA. BIRDBLOCKING WITH INSECT SCREENS -CONT. 4" ALUMINUM GUTTER $-CONT. 2 \times 8 PAINTED FASCIA$ - SIMPSON 'BC4' POST CAP (TYP.) - 4" ALUMINUM DOWNSPOUTS AS SHOWN ON ROOF PLAN $_{-}$ 4 imes 4 PAINTED WOOD POST -PAINTED 1/2" A/C PLYWOOD

ATTACH ROOF SHEATHING W/8d COMMON NAIL (2 1/2" \times Ø.131") 6" O.C. AT EDGES, 12" O.C. FOR INTERMEDIATE SUPPORTS. PER IRC TABLE R602.3(1)

ROOF OVERHANG AT BEAM DETAIL



OR OSB

GABLE END-WALL DETAIL

PROPERTY OF YAVAPAI COUNTY. AZ

MAY 24, 2024 MFR Drawn by Chk'd by : MFR AS NOTED Scale

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once report to the Architect any error, inconsis tancy or omission he may discover.

32616 MARK F. ROGERS N

Lange

oger

Mar

DETAILS - RIGHT PARKING

ROOF 2 BATH

ARIZ

FOUNDATION HASE TWO - 2 BDRM SHEET NO:

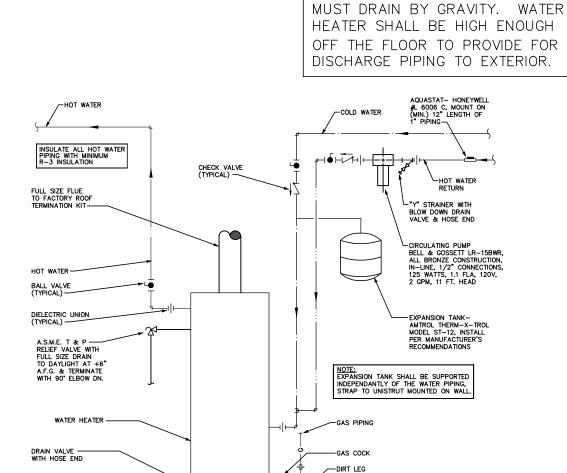
A - 7.0

PROPERTY OF YAVAPAI COUNTY, AZ

EXPANSION TANK (PROVIDE SUPPORT) └─ UNION, TYPE - CHECK VALVE TYP. - T&P FULL-SIZE RELIEF LINE TO EXTERIOR DRAIN r + 4" SPACE ALL AROUND EXTERIOR OF

PROVIDE ACCESSABLE ELECTRICAL DISCONNECT **ELECTRIC WATER HEATER**

NO SCALE



PLUMBING FIXTURE CLEARANCES NO SCALE PER IRC FIGURE R3Ø1.1

O 30 IN.

30 IN. MIN.

24 IN. CLEARANCE IN FRONT OF OPENING

HVAC/PLUMBING GENERAL NOTES:

1. THE MECHANICAL CONTRACTOR SHALL DETERMINE THE FINAL EQUIPMENT SIZING, DUCT SIZING, AND DUCT LAYOUT PRIOR TO INSTALLATION. 2. DRAIN AND VENT SIZES TO BE DETERMINED BY PLUMBING CONTRACTOR. 3. WATER HEATER RELIEF VALVE SHALL EXTEND OUTSIDE OF THE BUILDING

WITH THE END OF THE PIPE NOT MORE THAN 2' NOR LESS THAN 6" ABOVE

4. PROVIDE A PAN, AND DRAIN FOR THE WATER HEATER.

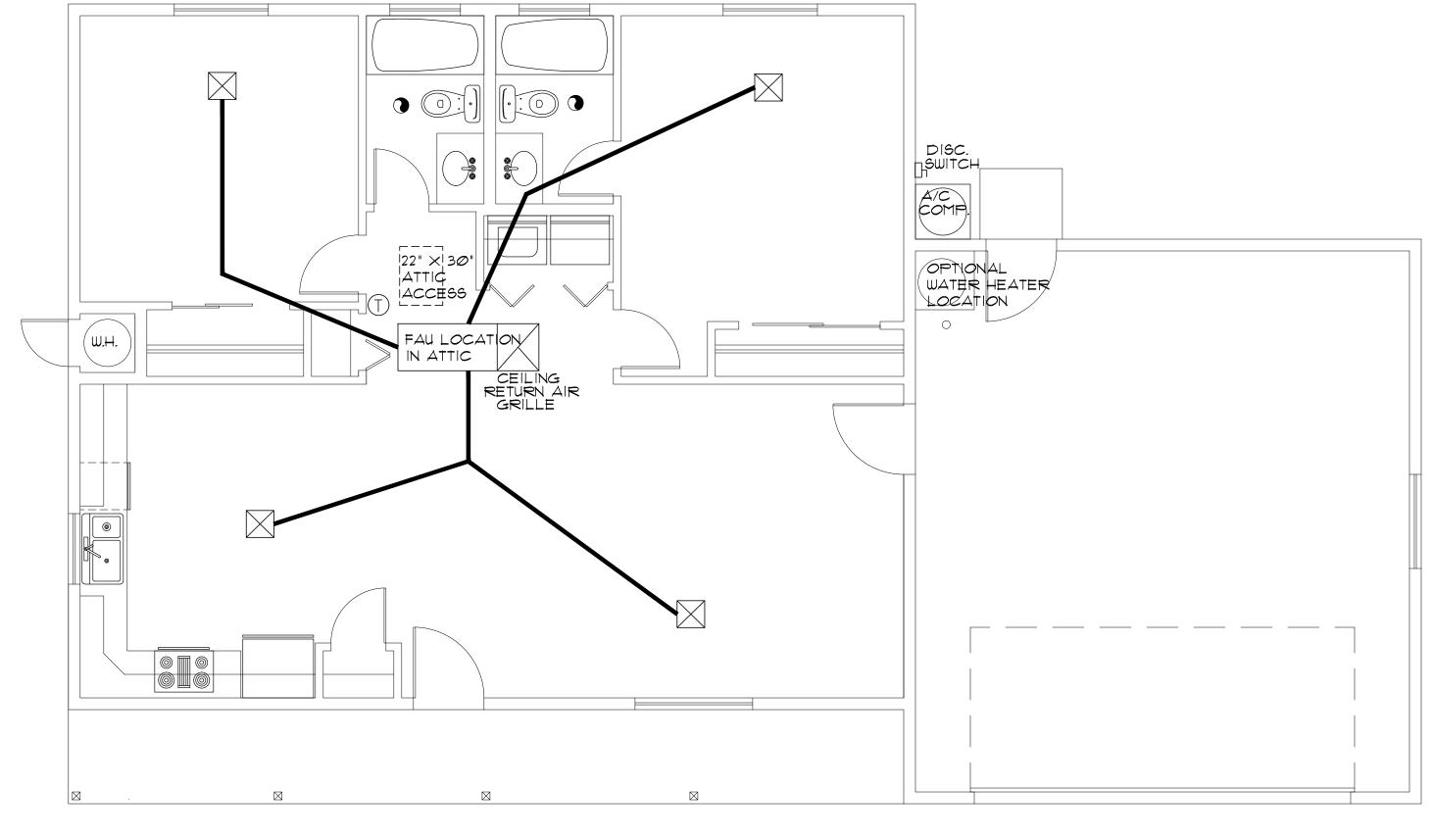
THE GROUND AND POINTING DOWNWARD.

5. THE CLOTHES DRYER EXHAUST DUCT SHALL BE AT LEAST THE DIAMETER OF THE APPLIANCE OUTLET AS RECOMMENDED BY THE MANUFACTURER AND SHALL TERMINATE AT THE EXTERIOR OF THE BUILDING. IT SHALL NOT EXCEED 25' IN LENGTH WITH REDUCTIONS FOR BENDS. THE DUCT SHALL TERMINATE NOT LESS THAN 3' FROM A PROPERTY LINE.

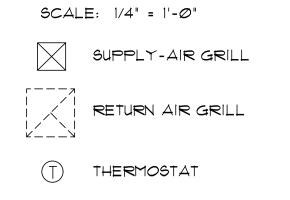
6. THE SITE PLAN SHALL INDICATE THE LOCATION OF THE GAS SOURCE THE DISTANCE AND PIPE SIZE FROM THE SOURCE, TO THE RESIDENCE, AND THE TYPE OF FUEL (NATURAL GAS OR PROPANE).

1. BI-FOLD DOOR AT WATER HEATER CLOSET SHALL BE LOUVERED FOR COMBUSTION AIR (MIN. REQUIREMENTS OF 100 SQ. INCHES OF FREE AIR).

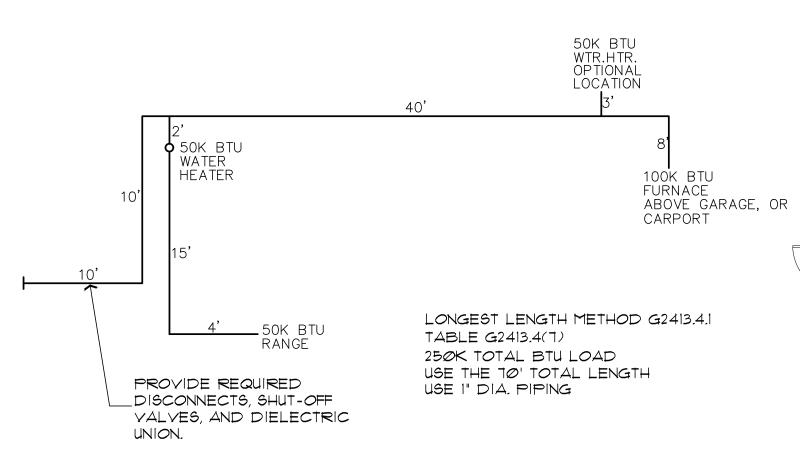
NOTE: DRAIN PAN, AND T&P



HVAC PLAN (furnace in attic above habitable area)

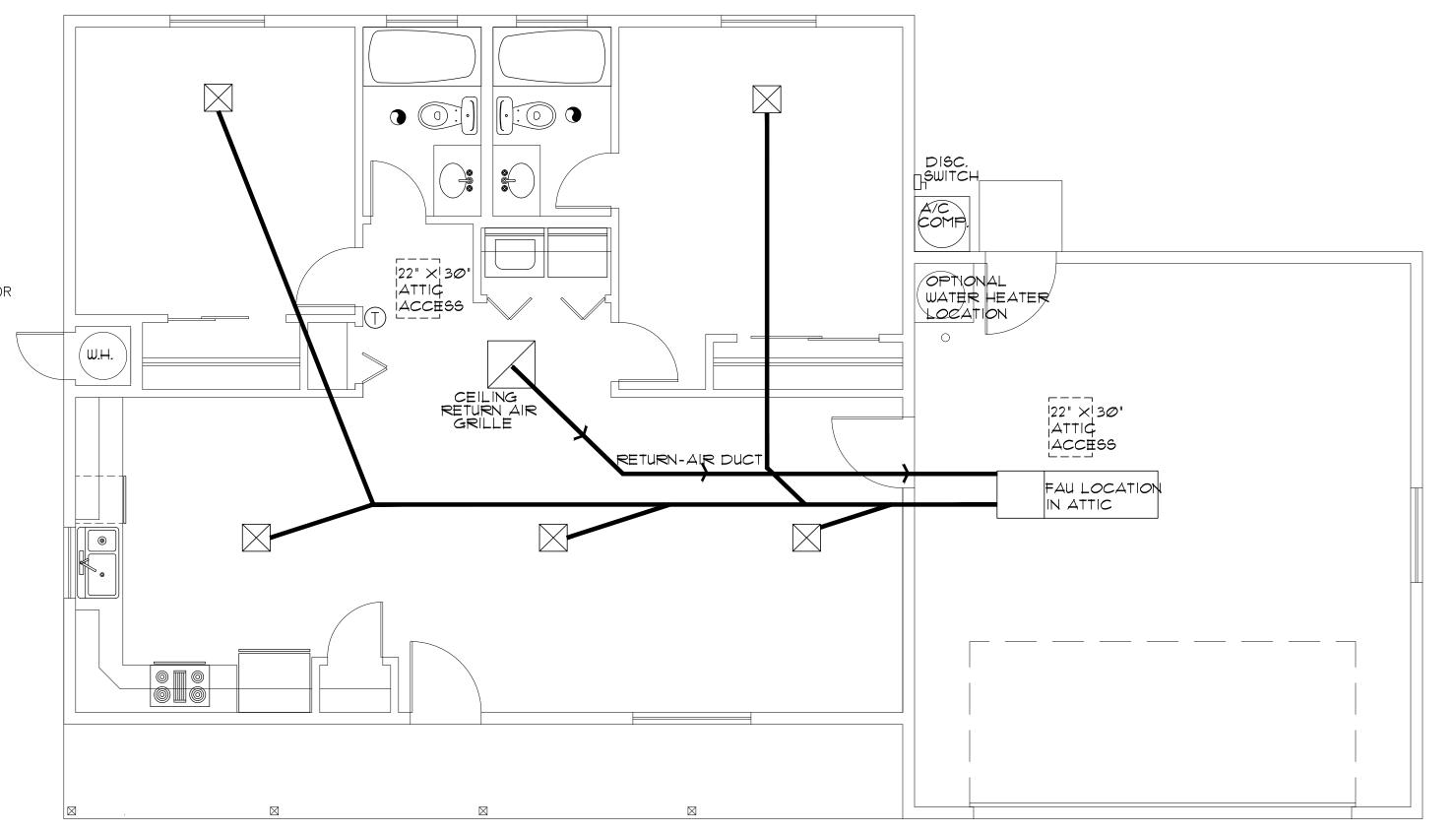


GAS WATER HEATER OPTION



GAS PIPING ISOMETRIC

NOTE: USE 1" DIA. PIPING FOR ALL FLOOR PLAN LAYOUTS, INCLUDING.
ALTERNATE FIXTURE LOCATIONS.
THE PLUMBING CONTRACTOR SHALL SHALL VERIFY ALL SIZING, AND FITTINGS, PRIOR TO INSTALLATION.



HVAC PLAN (furnace in attic above Garage, or Carport)

SCALE: 1/4" = 1'-0"

P Mar RIGHT PARKING

ARIZON

MAY 24, 2024

: AS NOTED

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and is not to be used on any other project

dimensions and conditions shown hereon and at once report to the Architect any error, inconsistancy or omission he may discover.

MARK F.

It is to be returned upon request. Scales as stated hereon are valid on the original drawing only. Contractor shall carefully review all

Drawn by

Revisions:

Scale

Chk'd by : MFR

SHEET NO:

M-1.0

SCALE: 1/4" = 1'-0"

ELECTRICAL SYMBOLS

WALL MOUNTED LIGHT FIXTURE

DAMP-PROOF CEILING MOUNTED LIGHT FIXTURE

-CEILING MOUNTED LIGHT FIXTURE

12" A.F.F., OR AS NOTED

T RECESSED CAN FIXTURE

1' × 4' SURFACE MTD. FLUORESCENT FIXTURE

110v. DUPLEX CONVENIENCE OUTLET MOUNTED
12" A.F.F., OR AS NOTED
10v. 4-PLEX CONVENIENCE OUTLET MOUNTED

GROUND-FAULT INTERRUPT

WEATHER-PROOF GROUND-FAULT INTERRUPT

220v RECEPTACLE

\$ ----- SINGLE POLE SWITCH MOUNTED

AT 48" OR AS NOTED

3-WAY SINGLE POLE SWITCH MOUNTED

AT 48" OR AS NOTED

⟨S⟩ — SMOKE DETECTOR

S/CM - SMOKE DETECTOR / CARBON MONOXIDE COMBO

-CEILING FAN W/ LIGHT KIT

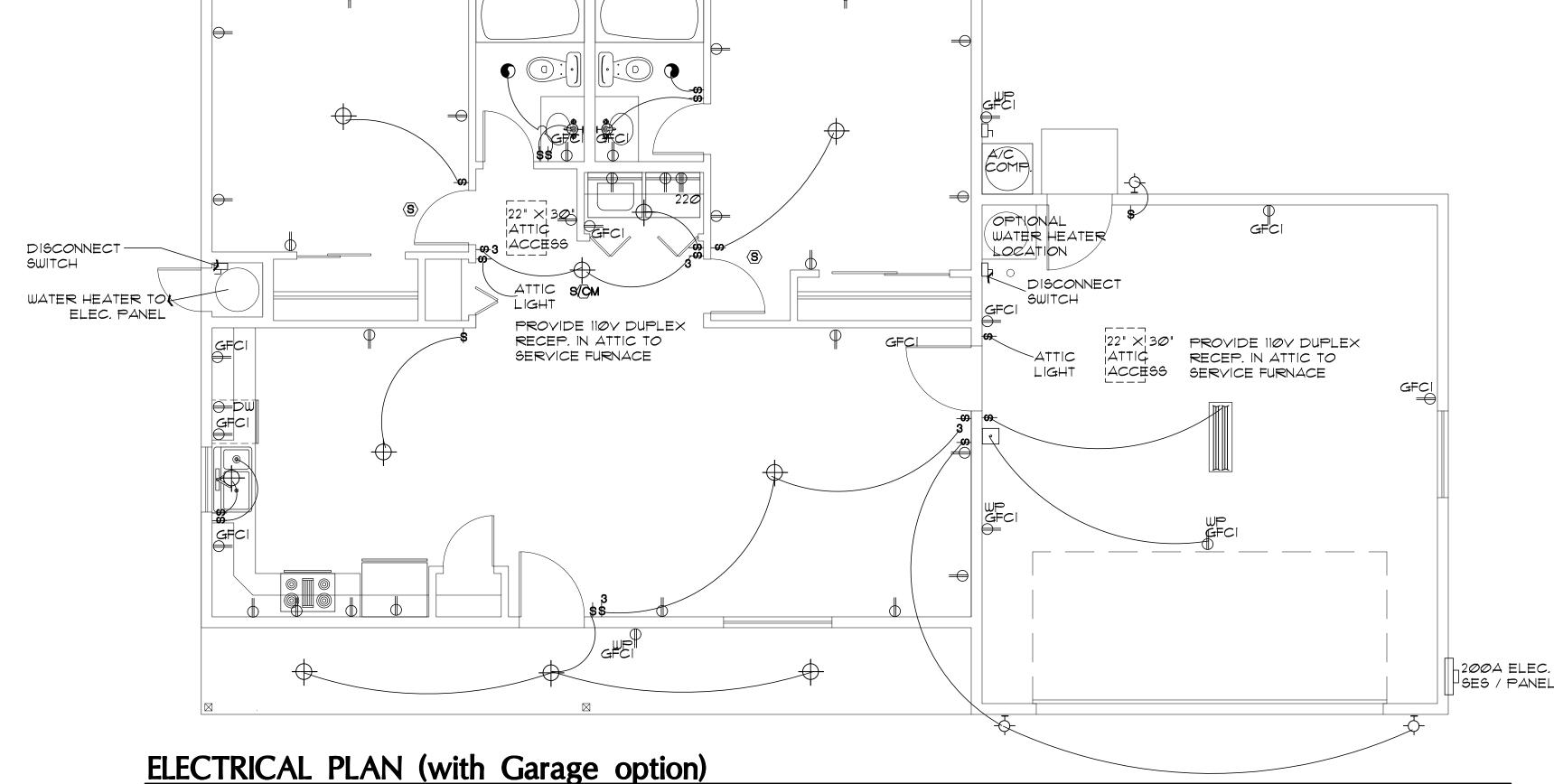
OUTLET

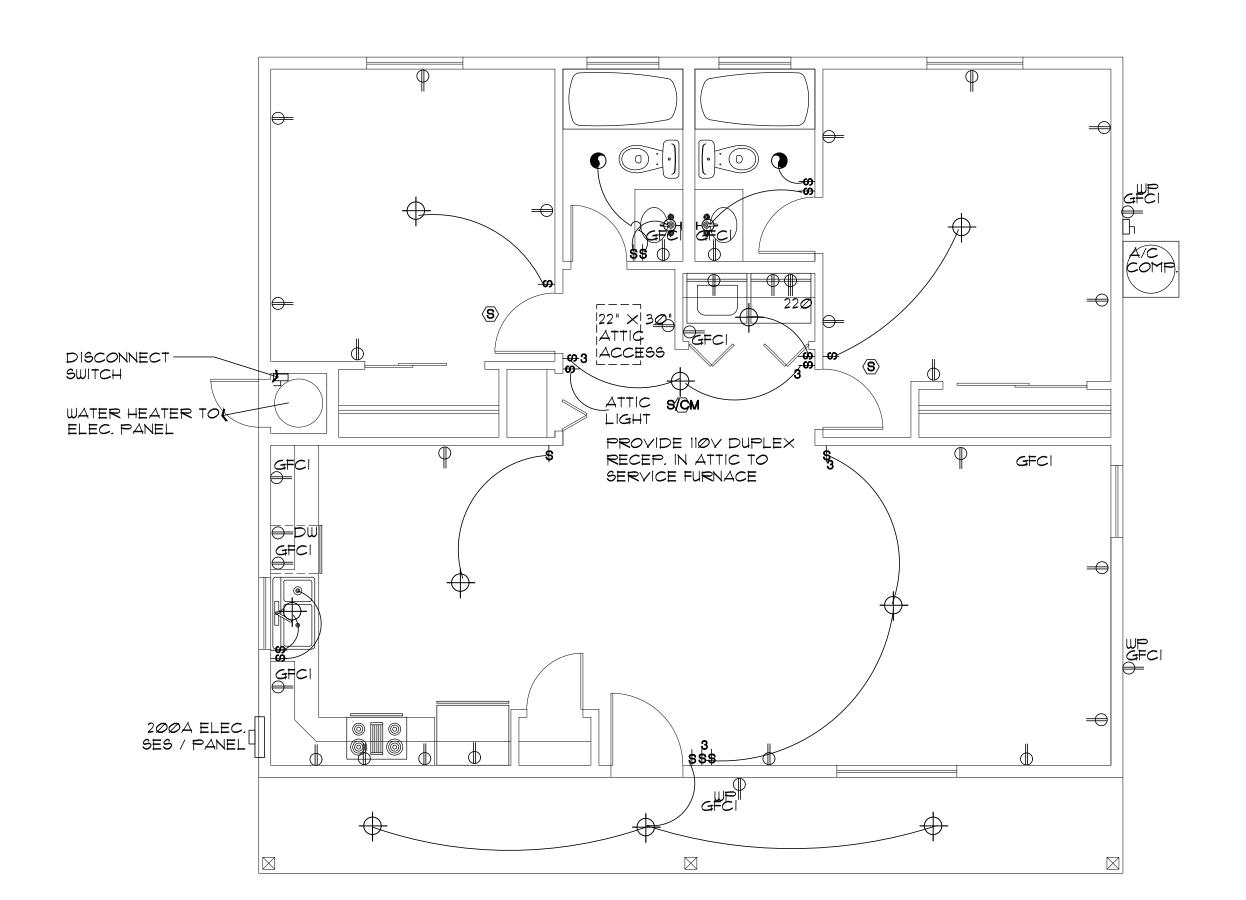
DOORBELL BUTTON

■ TELEPHONE OUTLET

ELECTRICAL GENERAL NOTES

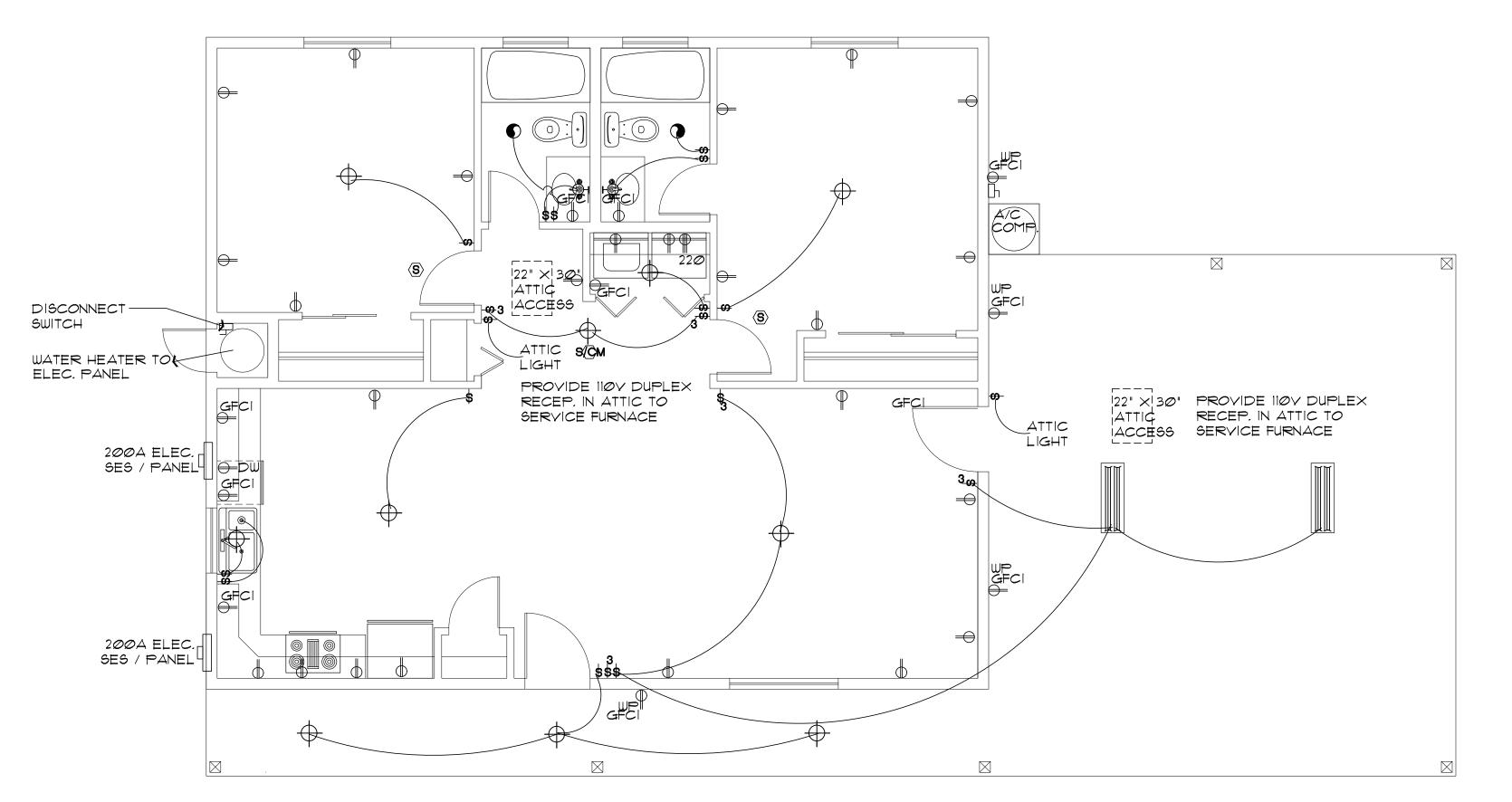
- 1. ALL WORKMANSHIP, MATERIALS, AND METHODS SHALL CONFORM TO N.E.C.- 2017 EDITION.
- 2. ALL HABITABLE ROOMS SHALL BE PROVIDED W/ ELECTRICAL OUTLETS SO THAT NO PART OF THE WALL IS MORE THAN 6' FROM AN OUTLET. WALL SECTIONS 2' OR LARGER & KITCHEN COUNTERS WIDER THAN 12" SHALL BE SERVICED BY A RECEPTACLE.
- 3. ALL RECEPTICALS IN BATHROOMS, OUTSIDE & WITHIN 6' OF WATER SOURCE SHALL BE G.F.C.I.
- 4. ALL SMOKE DETECTORS SHALL BE INTERCONNECTED ON SEPARATE CIRCUIT & SHALL RECEIVE PRIMARY POWER FROM BUILDING WIRING & SHALL HAVE BATTERY BACKUP. CONNECT NEW SMOKE DETECTORS TO NEW AUDIBLE SYSTEM INSIDE EXISTING RESIDENCE.
- 5. LIGHTS IN CLOSETS SHALL BE 18" FROM SHELVING (MEASURED HORZTL. OR BE RECESSED.
- 6. PROVIDE MINIMUM TWO 20A BRANCH CIRCUITS FOR RECEPTACLES LOCATED IN THE KITCHEN, PANTRY, EATING AREA, A SEPARATE 20A BRANCH CIRCUIT TO THE LAUNDRY EQUIP., AND A SEPARATE 20A BRANCH CIRCUIT FOR BATHROOM RECEPTACLES.
- 1. ALL BRANCH CIRCUITS THAT SUPPLY 120-VOLT SINGLE PHASE
 15 & 20 AMP OUTLETS INSTALLED IN FAMILY ROOMS, DINING ROOMS
 LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS
 RECREATION ROOMS, CLOSETS, HALLWAYS AND SIMILAR ROOMS OR
 AREAS SHALL BE PROTECTED BY COMBINATION TYPE ARC FAULT
 CURCUIT INTERUPTERS INSTALLED TO PROVIDE PROTECTION OF THE
- 8. FIXTURES, FITTINGS, BOXES AND RECEPTACLES LOCATED IN DAMP OR WET LOCATIONS SHALL BE 'LISTED' TO BE SUITABLE FOR SUCH CONDITIONS.
- 9. CONTRACTOR TO EMBED 20' OF #4 AWG COPPER WIRE IN FOOTING FOR ELECTRICAL SERVICE GROUND. PROVIDE BONDING TO THE INTERIOR WATER PIPING AND ABOVE GROUND PORTION OF GAS PIPING SYSTEM.
- 10. IN KITCHEN AND DINING ROOMS A RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH WALL COUNTER SPACE 12" OR WIDER SO THAT AT NO POINT ALONG THE WALL 15 MORE THAN 24" FROM A RECEPTACLE OUTLET AND SHALL BE GFCI PROTECTED.
- 11. PROVIDE AT LEAST ONE WEATHER PROOF RECEPTACLE OUTLET NOT MORE THAN 6'-6" ABOVE GRADE AND GFCI PROTECTED. AT THE FRONT AND BACK OF EACH DWELLING. ALL RECEPTACLES INSTALLED OUTDOORS MUST BE GFCI PROTECTED.
- 12. ALL EXTERIOR LIGHTING SHALL CONFORM TO YAVAPAI COUNTY DARK SKY ORDINANCE.
- 13. IN ATTICS, A SERVICE OUTLET & LIGHTING FIXTURE LOCATED NEAR THE APPLIANCE REQUIRING SERVICE SHALL BE CONTROLLED BY A SWITCH AT THE ENTRY OF THE ATTIC. (REQUIRED FOR ATTIC MOUNT FURNACES)





ELECTRICAL PLAN (without Garage, or Carport option)

SCALE: 1/4" = 1'-0"



ELECTRICAL PLAN (with Carport option)

E-1.0

SHEET NO:

ARIZ

MAY 24, 2024

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32616

ROGERS N

MARK F.

Drawn by

Scale Revisions:

Mari

Chk'd by : MFR

SCALE: 1/4" = 1'-0"