

VARIABLE WIDTH

-WATER METER LOC. & SEE AS BUILTS FOR LOC.

NEW OVERHEAD POWER LINE

GENERAL NOTES

- ADDITION TO EXISTING PROPERTY LOCATED AT 3805 RED RIVER STREET AUSTIN, TEXAS 1815I, LOT 2, AND A PORTION OF LOT 4, BLOCK 4, COUNTRY CLUB HEIGHTS
- OCCUPANCY TYPE: 5F-3 CODES AND ORDINANCE:

E. 38 1/2 STREET

- CODES AND ORDINACE:

 INTERNATIONAL BUILDING CODE IBC 2021 CODE

 INTERNATIONAL ONE 4 TWO DUBLING CODE IRC 2021 CODE

 ELECTRICAL TO CONFORM TO NEC 2020 CODE

 PLIMIBING TO CONFORM TO UPC 2021 CODE

 MECHANICAL TO CONFORM TO UPC 2021 CODE

 INTERNATIONAL ENERGY CODE 2021

 INTERNATIONAL ENERGY CODE 2021

 INTERNATIONAL FIRE CODE 2021

- ALL WINDOWS AND DOORS TO CONFORM TO APPLICABLE CODE(S).
 COORDINATE WITH OWNER REGARDING SCHEDULING / PHASING UTILITY INTERRUPTIONS. NOTIFY OWNER AND ARCHITECT OF CONFLICTS AND UNEXPECTED

- NOTIFY OUNSER AND ARCHITECT OF CONFLICTS AND UNEXPECTED CONDITIONS PRIOR TO CONSTRUCTION.

 PROTECT ANY OPEN AREAS OF THE HOUSE DURING CONSTRUCTION FROM THE ELEMENTS.

 YERFY WITH THE OUNSER FOR COLORS, STYLES, TRIM, AND MATERIALS UNLESS OTHERWISE NOTED.

 COORDINATE WITH OUNSER ON PAINT / WALLPAPER / LAMINATE, AND MISC. FINISH SELECTIONS.

 COORDINATE DOOR HARDWARE WITH CUNER.

 PATICH AND MATCH ADJACENT EXISTING MATERIALS, COLORS AND FINISHES, AND VSDIS / DAMAGES RESULTING FROM DEMOLITION.

 NSTALL ALL HARDWARE, APPLIANCES, ACCESSORES, AND ASSOCIATED
- INSTALL ALL HARDWARE, APPLIANCES, ACCESSORIES, AND ASSOCIATED SUPPORTS / BRACING PER MANUFACTURERS' RECOMMENDATIONS.

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES, OTHER REGULATIONS, ORDINANCES AND ACCEPTED LOCAL PRACTICES, WHICHEVER IS MORE RESTRICTIVE, WHETHER OR NOT SPECIFICALLY CALLED OUT IN THESE DOCUMENTS.
- · CONTRACTOR SHALL ENSURE COMPLIANCE WITH ALL REQUIREMENTS OF LOCAL JURISDICTION, INCLUDING BUT NOT LIMITED TO, PERMITS PRIOR TO COMMENCING CONSTRUCTION AND CERTIFICATE OF OCCUPANCY AFTER
- TO COMMENCING CONSTRUCTION AND CERTIFICATE OF OCCUPANCY AFTER COMPLETON HALL PROVIDE A COMPLETE AND FUNCTIONAL, WATER-TIGHT, AND SOUND WORKMANLIKE PROJECT, PROVIDING ANY TEMS OR WORK NEEDED TO ACHEVE THE PROJECT, WHETHER OR NOT SPECIFICALLY CALLED OUT IN THESE DOCUMENTS, CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS, SEQUENCING, PROCEDURES AND SAFETY PROCEDURES AND MATERIALS.
- · CONTRACTOR AND ALL SUBCONTRACTORS / TRADES ARE RESPONSIBLE *CONTRACTOR AND ALL SUBCONTRACTORS / TRADES ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF PLANS AND SPECIFICATIONS, INCLIDING DIMENSIONS AND SECTIONS. LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER-SCALED DRAWINGS. VERIFY ALL DIMENSIONS AND NOTIFY BUILDER, ARCHITECT OR OWNER OF ANY DISCREPANCIES OR VARIANCES PRIOR TO CONSTRUCTION.
 ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS / RECOMMENDATIONS.
- CONSULT ENGINEER FOR ACTUAL FRAMING CONFIGURATION, SIZES, SPACING, ANCHORS, SHEATHING TYPE AND THICKNESS, ETC.
- SPACING, ANCHORS, SHEATHING TYPE AND THICKNESS, ETC.

 SEE ENGINERING DRAUNGS FOR SLAB, FRATING, BRACING, DETAILS, ETC.

 VERRY GUTTERS AND PLACEMENT UITH OWNER.

 ALL WATERFOOFING SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDER

 AND/OR SUBCONTRACTORS. INSTALL ALL WINDOWS, DOORS, PLUMBING,

 VENTING, WALL AND ROOF PENETEATIONS, APPLIANCES ETC. ACCORDING

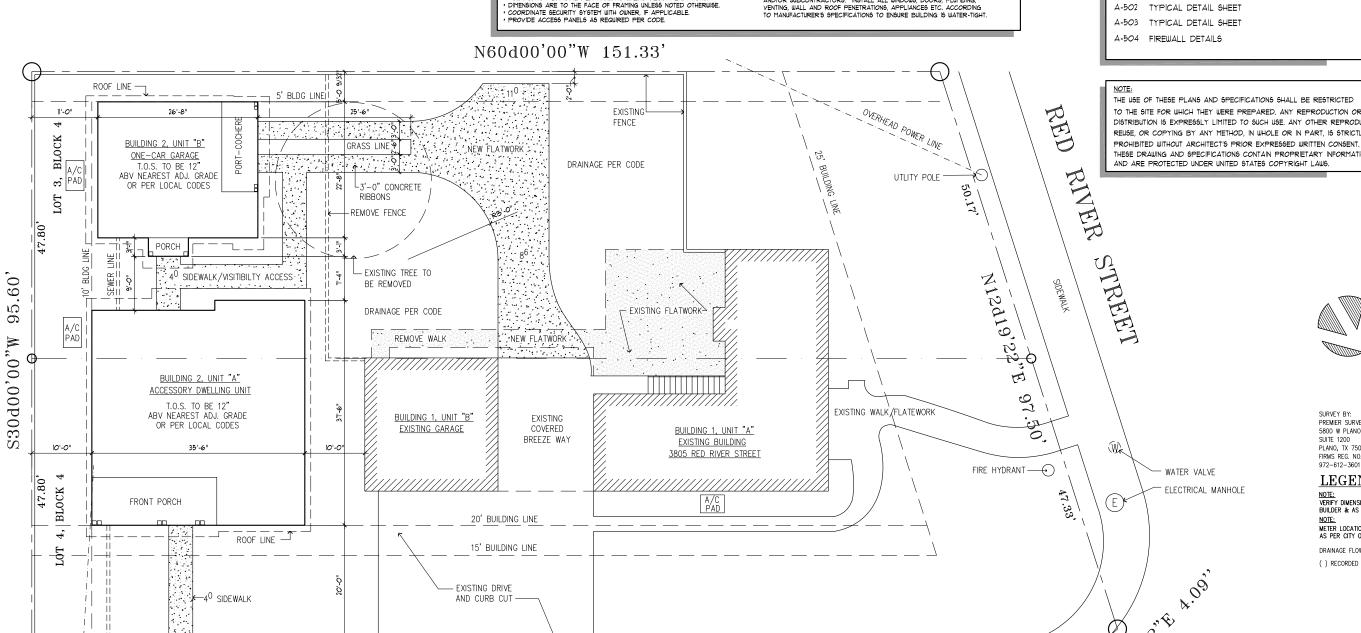
 TO MANUFACTURER'S SPECIFICATIONS TO ENSURE BUILDING IS WATER-TIGHT.

VARIABLE WIDTH

SIDEWALK

TABLE OF CONTENTS

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- BUILDING 2, UNIT "B" DET. GAR FLOOR LAN A-103
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- A-202 BUILDING 2, UNIT "B" - DET. GAR. EXTERIOR ELEVATIONS
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- A-203.1 BUILDING 2, UNIT "A" "ADU". CROSS SECTIOINS & ROOF LAYOUT
- BUILDING 2, UNIT "B" DET. GAR. CROSS SECTION & ROOF LAYOUT/INTERIOR ELEVATIONS
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- A-502 TYPICAL DETAIL SHEET



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SURVEY BY: PREMIER SURVEYING, INC 5800 W PLANO PARKWAY SUITE 1200 PLANO, TX 75093 FIRMS REG. NO. 1014620 972-612-3601

LEGEND

VERIFY DIMENSIONS WITH BUILDER & AS BUILTS METER LOCATIONS & DRAINAGE

DRAINAGE FLOW ARROWS L

Sheet Number A-101



S RED RIVER STREET
AUSTIN, TX 18151
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Subdivision COUNTY CLUB **HEIGHTS**

City/Jurisdiction AUSTIN, TX Title

SITE PLAN # CONTENTS Plan Number

R-1100

1 OF 15

1/8" = 1'-0" (22"x34" SHEET, U.N.O. 1/16" = 1'-0" (11"x17" SHEET, U.N.O.)

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BUILDING 2, UNIT "A" "ADU" FLOOR PLAN

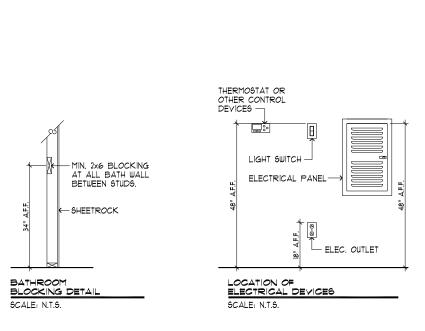
> Plan Number R-1100

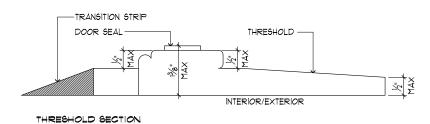
Sheet Number A-102

2 OF 15

TOTAL FRAME AREA 1718 SF SLAB AREA 1297 SF

SCALE: 1/4" = 1'-0" (22"x34" SHEET, U.N.O.) 1/8" = 1'-0" (11"x11" SHEET, U.N.O.)





SCALE: N.T.S.

VISITABILITY LAYOUT

40 SIDEWALK/VISITIBILTY ACCESS

PWDR

 \bigcirc

L±F

(2⁸)

BEDROOM #2

BEDROOM #1

BATHRM

REFER TO NOTES ABOVE FOR VISITABILITY CODES & REQUIREMENTS

FRONT PORCH

REAR VISITABILITY

* DOOR 3'-0"x6'-8" * VISITABILITY THRESHOLD

NO STEP ENTRY

MAX 1/2" BEVELED THRESHOLD 3' x 3' LANDING w/ MAX SLOPE

COUNTRY KITCHEN

LIVING ROOM

ENTRANCE:



VISITABILITY BATHROOM:

* 2x6 BLOCKING CENTERLINE AT 34" ABOVE FINISH FLOOR

(EXCEPT BEHIND LAVATORY

DOOR SHALL NOT IMPEDE 30" x 30" CLEAR FLOOR

DOOR 2'-8"x6'-8"

VISITABILITY NOTES & COA S.M.A.R.T. HOUSING

VISITABILITY ENTRANCE: GARAGE ENTRY DOOR

R320.6 - VISITABLE DWELLING ENTRANCE

1.) A DWELLING MUST BE ACCESSIBLE BY AT LEAST ONE NO-STEP ENTRANCE WITH A BEVELED THRESHOLD OF ONE-HALF INCH OR LESS AND A DOOR WITH A CLEAR WIDTH OF AT LEAST 32 INCHES. THE ENTRANCE MAY BE LOCATED AT THE FRONT, REAR, OR SIDE, OR IN THE GARAGE, CARPORT, DRIVEWAY OR SIDEWALK OR A PUBLIC RIGHT-OF-WAY WITHIN 200' OF THE NO-STEP ENTRANCE.

INTERIOR COMPLIANCE:

R320.5 - VISITABILITY BATHROOM ROUTE

- I.) A BATHROOM GROUP OR HALF BATH DESIGNATED FOR VISITABILITY UNDER SECTION R320.3 MUST BE ACCESSIBLE BY A ROUTE WITH A MINIMUM CLEAR OPENING OF 32 INCHES BEGINNING AT THE VISITABLE ENTRANCE DESIGNATED UNDER SECTION 320.6 AND CONTINUING THROUGH THE POWDER, LIVING ROOM, DINING ROOM, KITCHEN AND CONNECTING HALLWAYS.
- 2.) INTERIOR DOORWAYS ON THE FIRST STORY MUST HAVE A MINIMUM (NET) CLEAR OPENING OF 30 INCHES (EXCEPT DOORS LEADING INTO CLOSETS LESS THAN IS SQUARE FEET IN AREA). A 32 INCH DOOR OR STANDARD SIX FOOT SLIDING PATIO DOOR ASSEMBLY USUALLY COMPLIES WITH THIS REQUIREMENT.
- 3.) LEVER HANDLE HARDWARE ON THE FIRST STORY INTERIOR DOORS AND THE ACCESSIBLE ENTRANCE DOOR IS REQUIRED.
- 4.) HALLWAYS ON THE FIRST STORY ARE TO BE AT LEAST 36 INCHES WIDE AND BE LEVEL WITH RAMPED OR BEVELED CHANGES AT DOOR THRESHOLDS.

VISITABILITY BATHROOM: PWDR

R320.3 - VISITABLE BATHROOMS

- 1.) A MINIMUM CLEARANCE OF 30"x30" IS REQUIRED.
- 2.) LATERAL <u>2 INCH BY 6 INCH</u> OR LARGER NOMINAL WOOD BLOCKING MUST BE INSTALLED FLUSH WITH STUD EDGES OF BATHROOM WALLS
- 3.) THE CENTERLINE OF THE BLOCKING MUST BE 34 NCHES FROM AND PARALLEL TO THE INTERIOR FLOOR LEVEL, EXCEPT FOR THE PORTION OF THE WALL LOCATED DIRECTLY BEHIND THE LAVATORY.

ELECTRICAL:

R320.4 - VISITABLE LIGHT SWITCHES, RECEPTACLES & ENVIRONMENTAL CONTROLS

- THE FIRST FLOOR OF THE VISITABLE DWELLING MUST MEET THE FOLLOWING REQUIREMENTS.
- I.) LIGHT SWITCHES AND ENVIRONMENTAL CONTROLS MUST BE NO HIGHER THAN 48 INCHES ABOVE THE INTERIOR FLOOR LEVEL.
- 2.) OUTLETS AND RECEPTACLES MUST BE A MINIMUM OF 15 INCHES ABOVE THE INTERIOR FLOOR LEVEL, EXCEPT FOR FLOOR OUTLETS AND RECEPTACLES.
- 3.) THE MAIN ELECTRICAL DISCONNECTING SWITCH OR BREAKERS FOR A DWELLING UNIT MUST BE NO HIGHER THE 48 INCHES ABOVE THE INTERIOR FLOOR LEYEL, WALKING SURFACE, OR ADJACENT GRADE AND AT LEAST 30 INCHES ABOVE THE INTERIOR FLOOR LEYEL, WALKING SURFACE, OR ADJACENT GRADE.



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BUILDING 2, UNIT "A"
"ADU" VISITIBILITY LAYOU"
Plan Number

R-1100

Sheet Number A = 102



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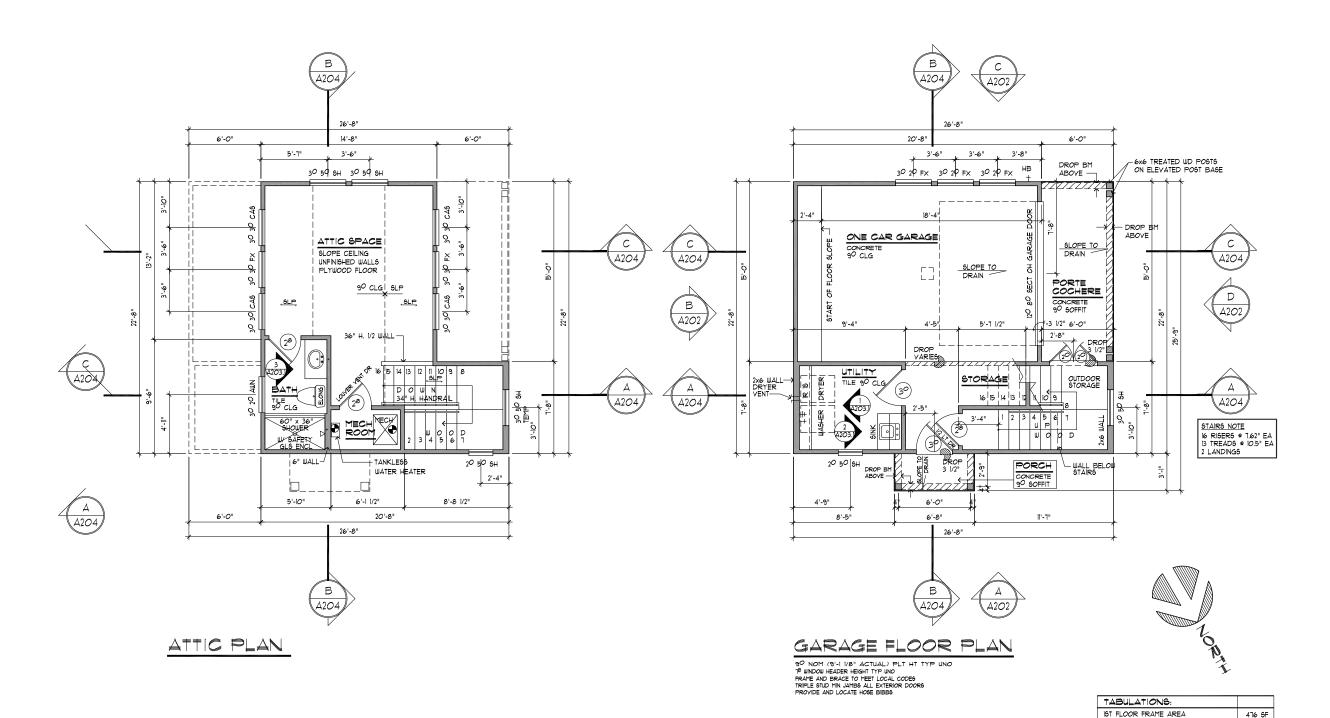
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BUILDING 2, UNIT "B"
DET. GAR. FLOOR PLAN

Plan Number R-625

Sheet Number A - 103

4 OF 15



SCALE:

378 SF

88 SF 20 SF

962 SF

625 SF

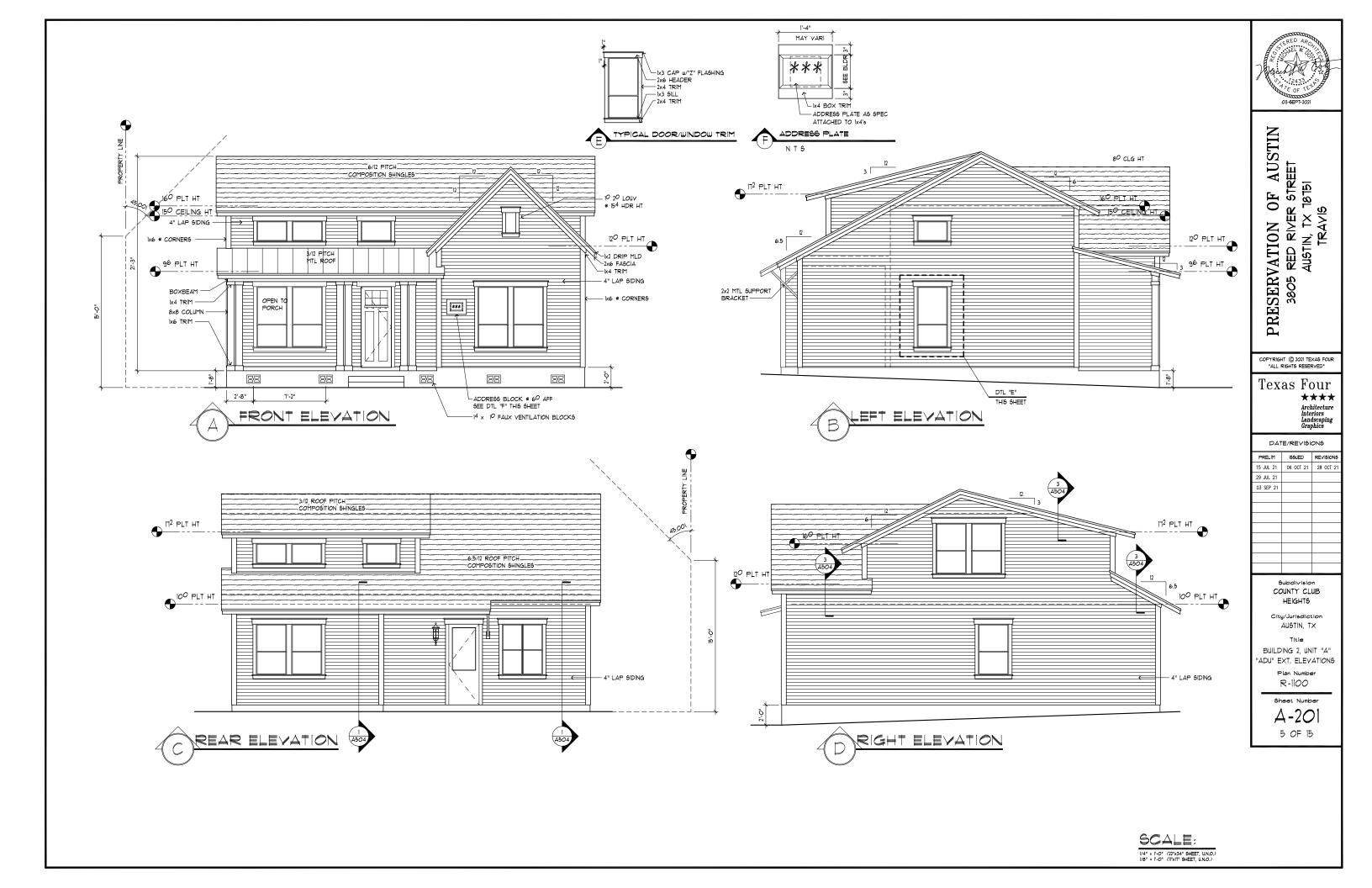
2ND FLOOR FRAME AREA

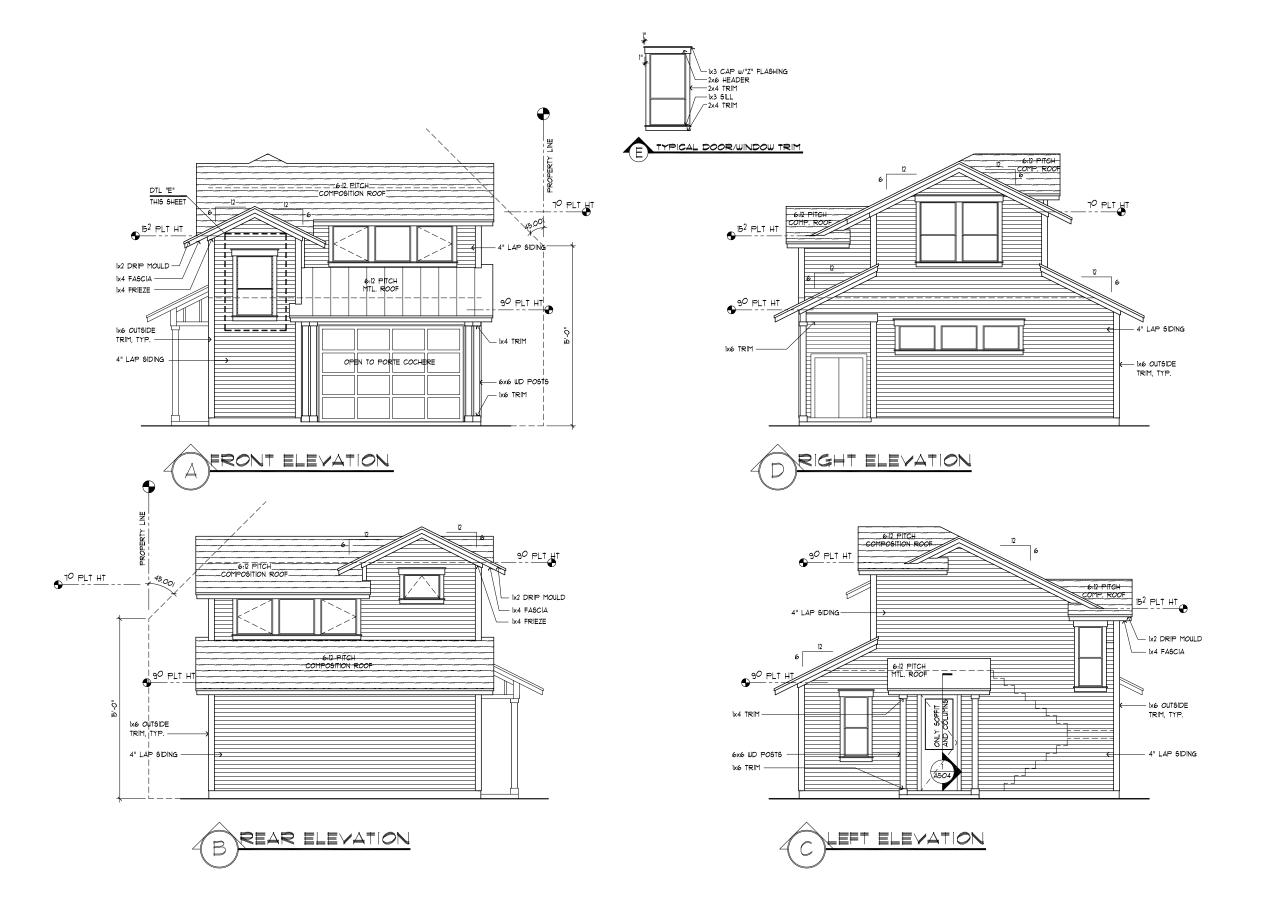
PORCH FRAME AREA

SLAB AREA

PORT COCHERE FRAME AREA

1/4" = 1'-0" (22"x34" SHEET, U.N.O.) 1/8" = 1'-0" (11"x17" SHEET, U.N.O.)







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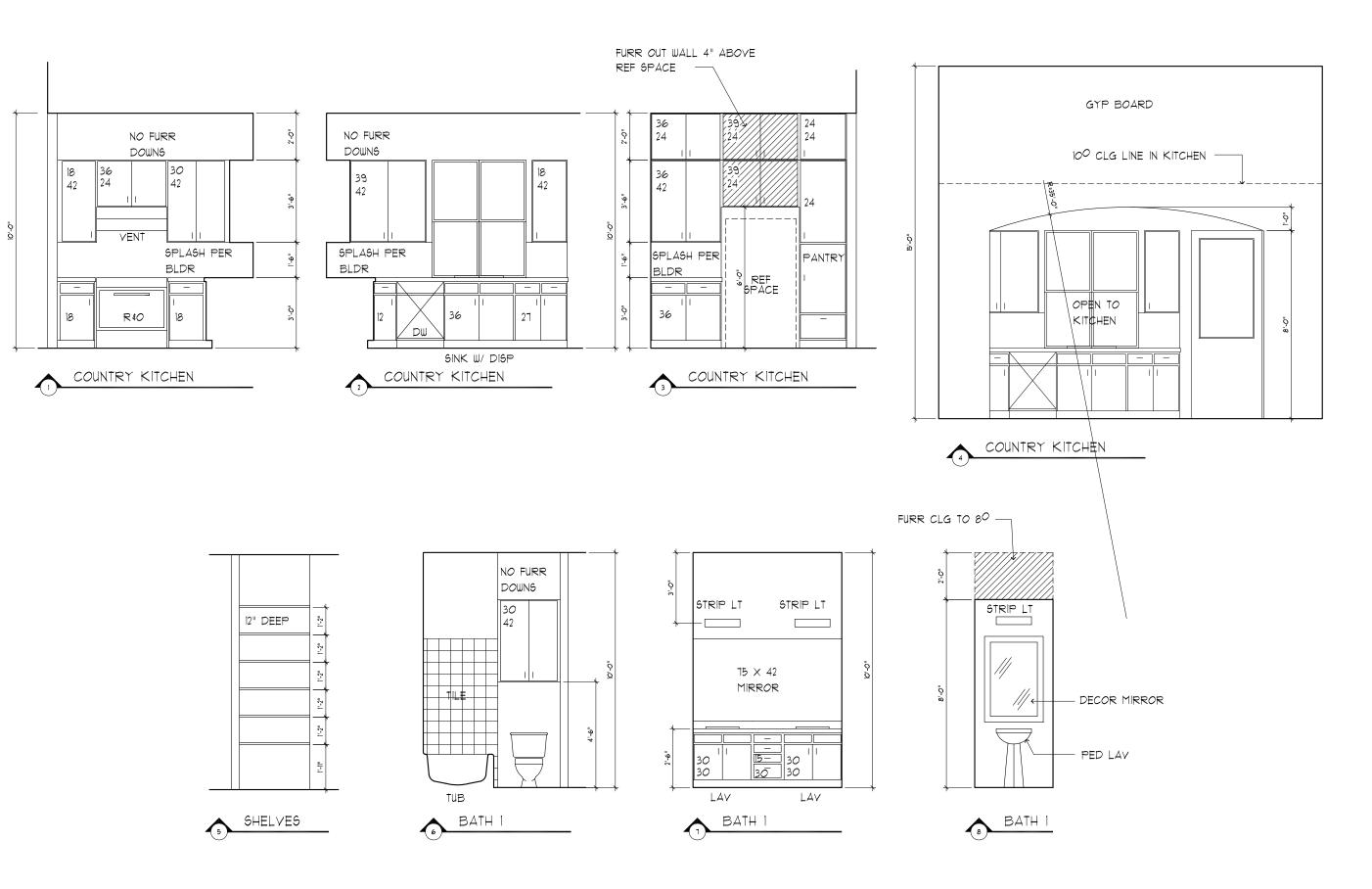
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BUILDING 2, UNIT "B"
DET. GAR. EXT. ELEVS.
Plan Number

R-625 Sheet Number

Sheet Number A-202





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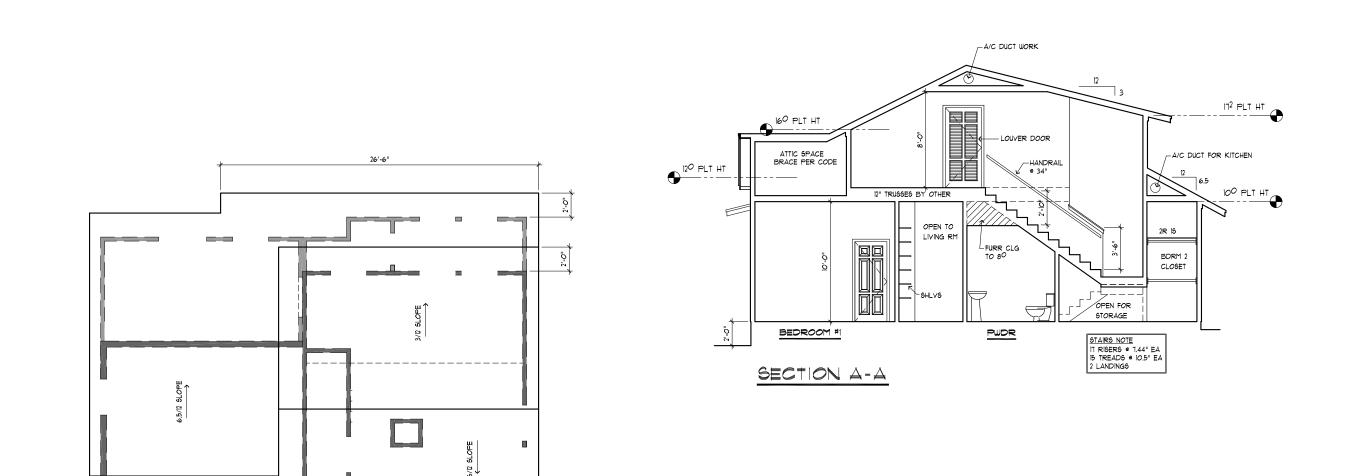
BUILDING 2, UNIT "A"
"ADU" INT. ELEVATIONS
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INTERIOR ELEVATIONS

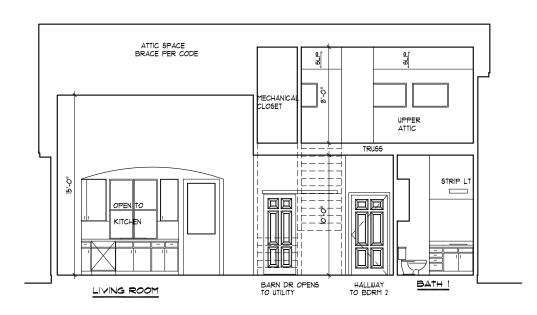


- FIRE RATED SOFFIT AND EAVE SEE DETAIL SHEET 3/A505 FOR REFERENCE

12/12 SLOPE

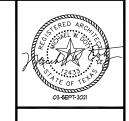
12/12 SLOPE

ROOF LAYOUT



SECTION B-B





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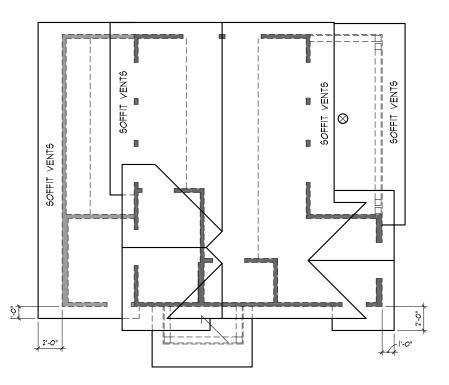
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BUILDING 2, UNIT "A"
"ADU" CROSS SEC. &
ROOF LAYOUT
Plan Number
R-1100

Sheet Number
A-203.



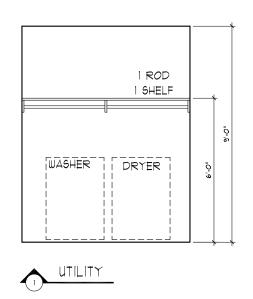
ROOF LAYOUT

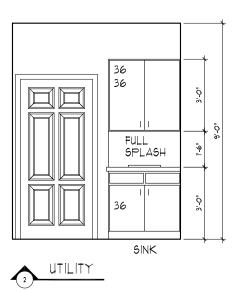
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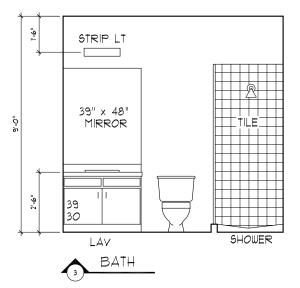
· FRAME & BRACE TO MEET LOCAL CODES

SCALE:

1/8" = 1'-O" (22"x34" SHEET, U.N.O.) 1/16" = 1'-O" (11"x11" SHEET, U.N.O.)



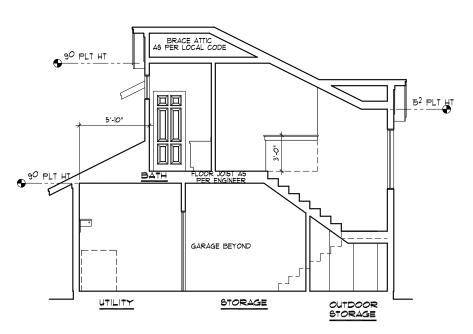




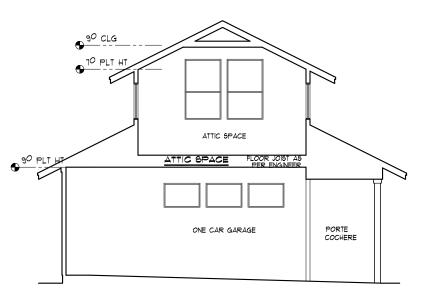
INTERIOR ELEVATIONS

SCALE:

1/2" = 1'-O" (22"x34" \$HEET, U.N.O.) 1/4" = 1'-O" (11"x17" \$HEET, U.N.O.)







SECTION A-A SECTION B-B

SECTION C-C

SCALE:

: I'-O" (22"x34" SHEET, U.N.O.) : I'-O" (II"xIT" SHEET, U.N.O.) CS SEPT-2021

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BUILDING 2, UNIT "B"
DET. GAR. CROSS SEC./
ROOF LAYOUT/INT. ELEV.
Plan Number
R-625

Sheet Number

A-204

GENERAL ELECTRICAL NOTES

- PROVIDE 220V OR 110V WITH GAS STUB-OUT PER SPECIFICATIONS AT WATER HEATERS AND RANGES.
 GAS STUB-OUTS AND HOSE BIBBS TO BE LOCATED PER SUBDIVISION SPECIFICATIONS, SEE PLAN FOR PROPOSED LOCATIONS.
- ALL EXTERIOR OUTLETS AND SWITCHES TO BE WEATHER PROOF.
- PROVIDE 110Y SMOKE DETECTORS / CARBON MONOXIDE DETECTORS TO BE WIRED "IN SERIES" OR PER LOCAL CODES.
- * WATER HEATER(S) TO BE LOCATED PER PLANS.

 * EXTERIOR COLUMNS AND PORCH LIGHTS TO BE MOUNTED PER PLANS AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

 PROVIDE SOLID BLOCKING FOR ALL CEILING MOUNTED
- LIGHTING FIXTURES AND FANS.

 ALL BATHROOM EXHAUST FANS TO BE VENTED TO EXTERIOR
- EXTERIOR.

 OUTLET HEIGHT TO BE PER BUILDER / MANUFACTURER'S SPECIFICATIONS AT MICROWAVE, OVENS, VENTHOOD, REFRIGERATORS, ETC.

 BUILDER TO INSTALL ALL LIFE SAFETY DEVICES PER CODE.
- BUILDER / SUB-CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL ELECTRICAL CODES AND REQUIREMENTS

- THE DRAWINGS ARE FOR SCHEMATIC PURPOSES ONLY.
 ALL WALL SWITCHES TO BE LOCATED 36" AFF UNLESS NOTED OTHERWISE OR AS REQUIRED PER LOCAL CODES.
- YERIFY ALL COMPUTER AND A/Y REQUIREMENTS WITH OWNER / SUBCONTRACTOR PRIOR TO PULLING WIRES. VERIFY SECURITY LIGHT LOCATIONS WITH OWNER IN FIELD.
 VERIFY OUTLET PLACEMENT ABOVE MANTEL WITH OWNER
- AND A/V SUBCONTRACTOR AND/OR INTERIOR DESIGNER. · PROVIDE ELECTRICAL IN ATTIC AS REQUIRED FOR HVAC EQUIPMENT.
- EQUIPMENT.

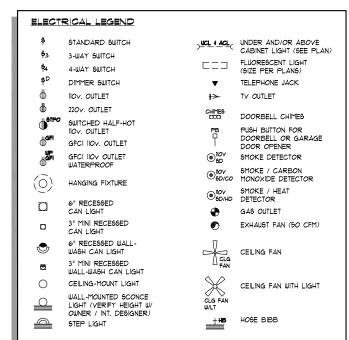
 YERRY LOCATION OF FLOOR OUTLETS WITH OWNER /
 NTERIOR DESIGNER.

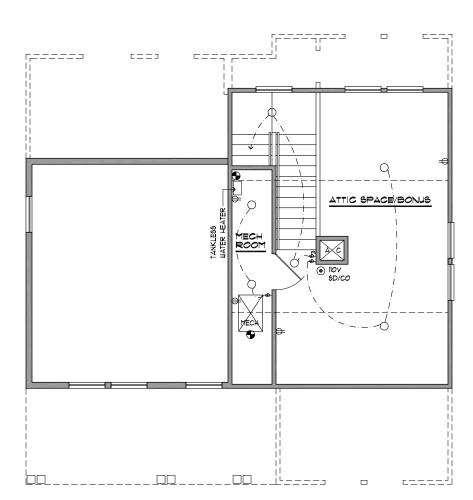
 YERRY LOCATION OF SOFFIT OUTLETS FOR HOLIDAY
 LIGHTS AND SOFFIT DOWNLIGHTS WITH OWNER.

 SERVICE PANEL BASED SURGE PROTECTION,
- LOCATION PER BUILDER/ELECT. CONTRACTOR
 EXTERIOR DISCONNECT REQUIRED AT METER
 CAN WHEN THE PANEL IS ON THE INTERIOR
- OF THE HOUSE.

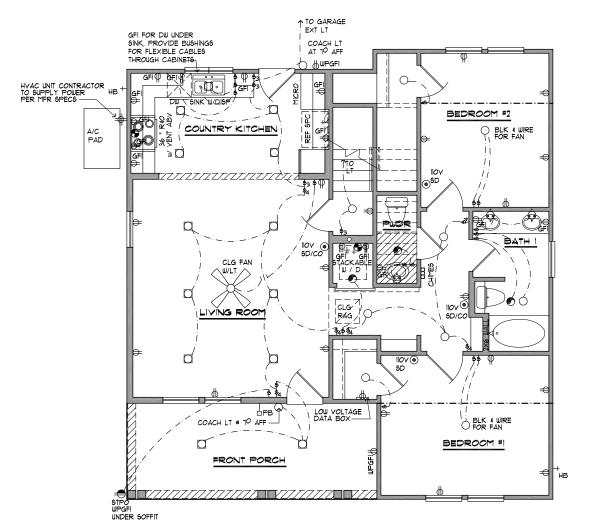
 GFCI PROTECTION OF 220V TO AC CONDENSER,
 LOCATION PER BUILDER/MECH. CONTRACTOR.

 CEILING FAN BOXES REQUIRED AT ALL
- ACCEPTABLE CEILING FAN LOCATIONS





ATTIC PLAN







ELECTRICAL LAYOUT

SCALE:

1/4" = 1'-O" (22"x34" SHEET, U.N.O.. 1/8" = 1'-O" (11"x17" SHEET, U.N.O.)



5 RED RIVER STREET
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BUILDING 2, UNIT "A" "ADU" ELEC. LAYOUT

> Plan Number R-1100

Sheet Number E-101

GENERAL ELECTRICAL NOTES

- PROVIDE 220V OR 110V WITH GAS STUB-OUT PER SPECIFICATIONS AT WATER HEATERS AND RANGES.
 GAS STUB-OUTS AND HOSE BIBBS TO BE LOCATED PER SUBDIVISION SPECIFICATIONS, SEE PLAN FOR PROPOSED LOCATIONS.
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- · WATER HEATER(6) TO BE LOCATED PER PLANS. EXTERIOR COLUMNS AND PORCH LIGHTS TO BE MOUNTED PER PLANS AND INSTALLED PER MANUFACTURER'S
- SPECIFICATIONS.

 PROVIDE SOLID BLOCKING FOR ALL CEILING MOUNTED
- LIGHTING FIXTURES AND FANS.

 ALL BATHROOM EXHAUST FANS TO BE VENTED TO EXTERIOR
- OUTLET HEIGHT TO BE PER BUILDER / MANUFACTURER'S SPECIFICATIONS AT MICROWAVE, OVENS, VENTHOOD, REFRIGERATORS, ETC.

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 VERIFY OUTLET PLACEMENT ABOVE MANTEL WITH OWNER
- AND A/V SUBCONTRACTOR AND/OR INTERIOR DESIGNER. · PROVIDE ELECTRICAL IN ATTIC AS REQUIRED FOR HVAC EQUIPMENT.

- EQUIPTION:

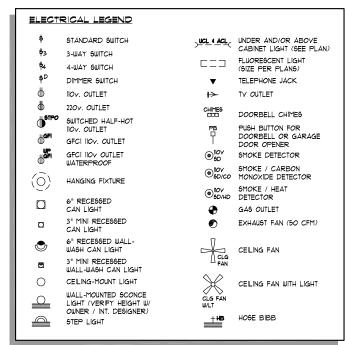
 YERRY LOCATION OF FLOOR OUTLETS WITH OWNER /
 INTERIOR DESIGNER.

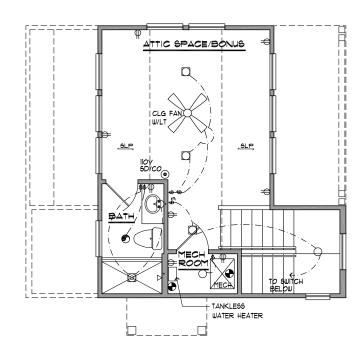
 YERRY LOCATION OF SOFFIT OUTLETS FOR HOLIDAY
 LIGHTS AND SOFFIT DOWNLIGHTS WITH OWNER.

 SERVICE PANEL BASED SURGE PROTECTION,
- LOCATION PER BUILDER/ELECT. CONTRACTOR
 EXTERIOR DISCONNECT REQUIRED AT METER
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- OF THE HOUSE.

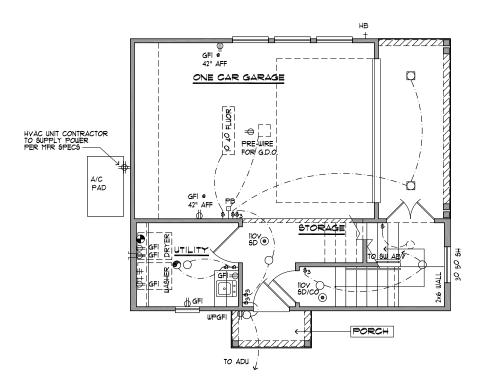
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 LOCATION PER BUILDER/MECH. CONTRACTOR.

 CEILING FAN BOXES REQUIRED AT ALL
- ACCEPTABLE CEILING FAN LOCATIONS.











GARAGE FLOOR PLAN

ELECTRICAL LAYOUT

SCALE:

1/4" = 1'-0" (22"x34" SHEET, U.N.O.) 1/8" = 1'-0" (11"x17" SHEET, U.N.O.)



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City/Jurisdiction AUSTIN, TX

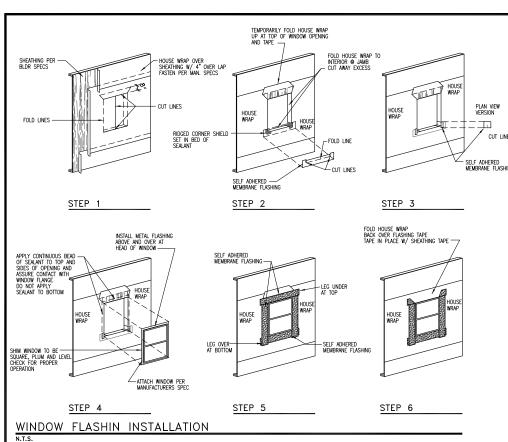
BUILDING 2, UNIT "B"

ELECTRICAL LAYOUT Plan Number

R-625

Sheet Number

E-102 11 OF 15



SHEATHING MUST COVER EDGES OF WINDOW OPENING AND HOUSE WRAP TO COMPLETELY COVER OPENING,

SHEATHING MUST COVER EDGES OF WINDOW OPENING AND HOUSE WRAP TO COMPLETELY COVER OPENING.

1. OPENING MUST BE SQUARE AND 1/2" WIDER / TALLER THAN WINDOW SIZE.

2. WINDOW SHOULD HAVE 1/8" CLEARANCE FROM THE FRAME SIDES AND 1/4" FROM THE TOP OF THE HEADER

3. CUT HOUSE WRAP AT THE OPENING, REFERENCE SIEP 1

4. FOLD HOUSE WRAP TO INTERIOR AT SILL AND JAMBS CUTTING AWAY THE EXCESS, WHILE FOLDING THE TOP UP AND TEMPORARILY TAPING IT OUT OF THE WAY (SEE SIEP 2)

5. PLACE RIGID CORNER SHIELD IN BED OF SEALANT (SEE SIEP 2)

6. APPLY SELF-ADHERED MEMBRANE FLASHING TO WINDOW SILL, OVER LAPPING FACE OF HOUSE WRAP

7. APPLY SELF-ADHERED MEMBRANE FLASHING (END DAMS) TO THE BOTTOM CORNERS OF THE ROUGH OPENING AND UP THE SIDES TO 12" ABOVE THE SILL

5. SELF-ADHERED MEMBRANE FLASHING MUST WAPP INTO OPENING RETURNS OF WINDOW

9. APPLY CONTINUOUS BEAD OF SEALANT ALONG THE TOP AND SIDES OF THE NAILING FLANGE OF WINDOW.

10. INSTALL THE BOTTOM OF WINDOW

10. INSTALL THE BOTTOM OF WINDOW

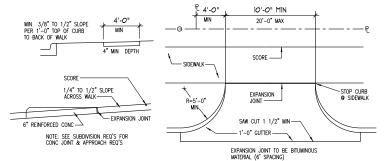
11. INSTALL THE WINDOW PER MANUFACTURERS SPECIFICATIONS, BEING SURE NOT TO OVER TIGHTEN THE NAILING FLANGE. THERE SHOULD BE EXCESS SEALANT THAT IT SMEARS OUT THROUGH THE HOLES AND AROUND THE NAILING FLANGE.

11. INSTALL METAL FLASHING ABOVE AND OVER THE TOP OF THE WINDOW AND COVER W/ SELF-ADHERED MEMBRANE. FLASHING AND USE SEALANT ABOVE MEMBRANE.

AND USE SEALANT ABOVE MEMBRANE.

12. THE MEMBRANE FLASHING SHOULD RUN 9" PAST WINDOW OPENING W/ THE BOTTOM INSTALLED FIRST, THEN THE LEGS SECOND OVER LAPPING THE BOTTOM, AND THE TOP THIRD OVER LAPPING THE LEGS (SEE STEP 5)

13. FOLD HOUSE WRAP BACK OVER FLASHING MEMBRANE, THEN TAPE CUT CORNERS IN PLACE.



TYPICAL DRIVEWAY APPROACH

HEADERS IN EXT BEARING WALLS

Section R602.7, R602.7.1, R602.7.2, R602.7.3 Table R602.7(1)

12' SPAN, GROUND SNOW LOAD 30 PSF SIZE OF HDR SUPPORTING ONE STORY (a,b) ROOF & CLG ABOVE

2x4 2x6 2x8 2x10 2x12

24' SPAN, GROUND SNOW LOAD 30 PSF SIZE OF HDR SUPPORTING ONE STORY

a. Nominal 4-inch-thick single headers shall be permitted to be

d. Norminal 4—inch mick single neaders shall to substituted for double members.

b. Spans are based on No. 2 Grade lumber.

c. 1—lack studs required to support each end (2—Jack studs required to support each end e. 3—Jack studs required to support each end e. 3—Jack studs required to support each end

HEADERS IN INT BEARING WALLS Section R602.7, R602.7.1, R602.7.2, R602.7.3 Table R602.7(2)

SIZE OF HDR	ONE STORY	TWO STORIES
(a,b)	ABOVE	ABOVE
2 - 2x4	4'-1" (c)	2'-7" (c)
2 - 2x6	6'-1" (c)	3'-11" (c)
2 - 2x8	7'-9" (c)	5'-0" (c)
2 - 2x10	9'-2" (c)	5'-11" (d)
2 - 2x12	10'-9" (c)	6'-11" (d)
24' BUILDING	WIDTH	

24' BUILDING WIDTH				
SIZE OF HDR	ONE STORY	TWO STORIES		
(a,b)	ABOVE	ABOVE		
2 - 2x4	2'-10" (c)	1'-11"(c)		
2 - 2x6	4'-4" (c)	2'-11"(d)		
2 - 2x8	5'-5" (c)	3'-8" (d)		
2 - 2x10	6'-6" (d)	4'-4" (d)		
2 - 2x12	7'-7" (d)	5'-2" (d)		

a. Nominal 4-inch-thick single headers shall be permitted to be substituted for double members.

5. Spans are based on No. 2 Grade lumber.

5. 1—Jack studs required to support each end

GAR DR HDR IN EXT BEARING WALLS

SIZE OF HDR (a,b)	SUPPORTING ROOF & CLG	ONE STORY ABOVE	TWO STORIES ABOVE
2 - 2x10 2 - 2x12 2 - 1.75 x 11.875(*)	8'-5" (d) 9'-9" (d) 16'-0" (d)	6'-1" (d) 7'-1" (d) 10'-0" (d)	4'-9" (d) 5'-6" (e)

STEEL LINTEL SCHEDULE

Section R703.8 & Table R703.8.3.1					
SIZE OF STL ANGLE (a,c) (inches)	NO STORY ABOVE	ONE STORY ABOVE	TWO STORIES ABOVE	NUMBER OF 1/2" OR EQUIVALENT REINFORCING BARS (b)	
3 x 3 x 1/4 4 x 3 x 1/4 5 x 3 1/2 x 5/16 6 x 3 1/2 x 5/16 2-6x3 1/2 x 5/16	6'-0" 8'-0" 10'-0" 14'-0" 20'-0"	4'-6" 6'-0" 8'-0" 9'-6" 12'-0"	3'-0" 4'-6" 6'-0" 7'-0" 9'-6"	1 1 2 2 4	

a. Long leg of the angle shall be placed in a vertical position.
b. Depth of reinforced lintels shall be a minimum of 8 inches and
all cells of hollow masonry lintels shall be grouted solid.
Reinforcing bars shall extend a minimum of 8 inches into

Reinforcing bors shall extend a minimum to uniforcing bors shall extend the support.

c. Steel members indicated are adequate typical examples; other steel members meeting structural design requirements shall be permitted to be used.

* STEEL LINTELS SHALL BE PER ASTM 36

DISAP]

MC_ +HB ++

5/V CPT \Diamond

MISC NOTES - ABBREVIATIONS

DISAPPEARING STAIRS

SEE DETAIL

WATER OUTLETS (COLD AND HOT) CHANGE OF FLOOR MATERIAL



APPLI/	ANCES ABBREVIATIONS
DW	DISHWASHER
DISP	DISPOSAL
RO	RANGE/OVEN
REF	REFRIGERATOR
FRZ	FREEZER
WH	WATER HEATER
D VENT	DRYER VENT
TC	TRASH COMPACTOR

ELECTRICAL LEGEND

3-WAY SWITCH

4-WAY SWITCH

SWITCH WITH DIMMER STANDARD OUTLET (12" A.F.F. U.N.O.)

220v. OUTLET (36" A.F.F. @ UTILITY)

GROUND FAULT CIRCUIT

HANGING FIXTURE / BLOCK

RECESSED CAN LIGHT

INCANDESCENT LIGHT

WALL-MOUNTED LIGHT

CABLE TV OUTLET

DOORBELL CHIMES

SMOKE DETECTOR

GAS OUTLET

DOORBELL PUSH SWITCH

SMOKE/CARBON MONOXIDE DETECTOR

EXHAUST FAN (50 CFM)

CEILING FAN W/ LIGHT

(REF: DRAWINGS FOR SIZE)

RECESSED EYEBALL LIGHT

INTERRUPTER (WATERPROOF)

HALF-HOT OUTLET GROUND FAULT CIRCUIT

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 \Box

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CHIMES

PB ⊡--

SD ®

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CLG CEILING FAN

FRAME ABBREVIATIONS SOUTHERN YELLOW PINE ON CENTER NORMAL CEILING DROP BEAM FLUSH BEAM UNLESS NOTED OTHERWISE

ROUGH OPENING BOARD PLYWOOD ELEVATION LIVING AREA

WINDOW HEADER SHEET TOP OF SLAB SLOPE

FIXED TEMPERED

TRIM ABBREVIATIONS

ONE ROD, ONE SHELF TWO RODS, ONE SHELF

TWO RODS, ONE SHELL SHELVES MEDICINE CABINET WROUGHT IRON ROUGH CEDAR SMOOTH FOUR SIDES CROWN MOULDING

SELECTION ABBREVIATIONS

DIVIDED LIGHT DL DMINDED LIGHT
OBS OBSCURE
SHT SHEET
DH DOUBLE HUNG
SLD GLAS DR
OH GAR DR
OVERHEAD GAPAGE DOOR
SC SOLID CORE

WINDOW/DOOR ABBREVIATIONS HORIZONTAL SLIDER SINGLE HUNG SINGLE VENT PICTURE DOUBLE VENT PICTURE

SD/CO

CLG FAN

W/HD

1R1S 2R1S SHLVS

RC S4S CROWN M WD

GENERAL NOTES PER: INTERNATIONAL RESIDENTIAL CODE ONE & TWO FAMILY DWELLING 2021 (2012, 2015 & 2018)

FOUNDATIONS

* Horizontal insulation placed less than 12 inches (304 mm) below ground surface or that portions of horizontal insulation extending outward more 24 inches (610 mm) from the foundation edge shall be protected against damage by use of a concrete slab or cosphalt powing on the ground surface directly above the insulation or by comertificus board, phywood rated for below grade use, or other approved moterials placed below ground, directly above the top surface of the insulation (See R403.3.2).

Protection of wood and woodbase products from decay shall be provided in the following locations by ten use of naturally durable wood or wood that is preservative—treated in accordance with AWPA UI (See. R317).

*Foundation plates or sills shall be botted to the foundation with not less than 1/2 inch diameter steel bolts embedded a minimum of 7 inches into the slab. There shall be a minimum of two bolts per pible with one bolt located within 12 inches of each end of each piece and spaced not more than 6 feet apart (Sec. R403.1,6).

TYPE OF CONSTRUCTION

* Where wood frame walls and partitions are covered on the interior with plaster, tille or similar materials and are subject to water splash, the framing shall be protected with approved waterproof paper conforming to section 700.

Battlub & Shower stall walls shall be finished with a hard, nonabsorbent

Glazing in shower and bathtub doors and enclosures shall be

Hinged shower doors shall swing outward (Sec. P2708.1).

HANDRAILS & GUARDRAILS

* HANDRAILS & GUARDRAILS

* Hondrails having minimum and maximum heights of 34 inches and 38 inches (864 mm and 965 mm), respectively, measured vertically from the nosing of the treats, shall be provided on at least one side of stairways of three or more risers. Spiral stairways shall have the required handrail located on the outside radius. All required handrail shall be continuous the full length of the stairs. And shall be returned or shall terminate in nevel posts or safely terminals. Hondrails adjacent to a wall shall have a space of not less than 1 1/2 inches (58 mm) between the wall and the handrails (see R311.7.8.1 & R311.7.8.4)

* The handrail post of the handrails shall be not less than 1 1/4 inches nor more than 2 inches in cross sectional dimensions or the shape shall provide an equivalent (priping surface (Sec. R311.7.8.5).

* Open guardrail and stair radings shall have intermediate rails or an anomental pattern such that a sphere 4 inches in diameter connot pass through (Sec. R312.1.3).

FRAINC

* All exterior walls and main cross stud partitions shall be effectively braced per section. R602.10.9, R602.10.10, and R602.11.

* Brocing and lines per R602.10.1

* All plywod designed to be exposed in outdoor applications shall be of exterior type as required.

* Just under and parallel to bearing partitions shall be doubled (Sec. R502.4).

* Joists framing into the side of a wood girder shall be supported by framing anchors or on ledger strips not less than 2 inches by 2 inches (Sec. R502.6.2).

* The ends of each joist, beam or girder shall have a minimum of 1

by framing anchors or on ledger strips not less than 2 inches by 2 inches (Sec. RS02.6.2).

*The ends of each joist, beam or girder shall have a minimum of 1 1/2 inches (SR mm) of load bearing an wood or metal and a minimum of 3 inches (76 mm) on masony or concrete except where supported on a 1-inch by 4-inch (254 mm by 102 mm) ribbon strip and nailed to adjacent stud or by the use of approved joist hangers.

*Joists shall be supported laterally at the ends and at each support (Sec. RS02.7).

*Solid blocking shall be not less than 2 inches in thickness and the full depth of a 2x12 joist (Sec.RS02.7).

*Solid florating shall be not less than 2 inches in thickness and ceiling joists shall be supported laterally to prevent rotation or lateral displacement in accordance with section RS02.7.

*At all valleys and hips there shall be a single valley or hip rafter not less than 2-inch nominal thickness and not less in depth than the cut end of the rafter (Sec. R802.4.3).

*Puttins shall be permitted to be installed to reduced the span of rafters. Puttins shall be be permitted to be installed to reduced the span of rafters. Puttins shall be be permitted to be installed to reduced the span of rafters. Puttins shall be be permitted to be installed to reduced the supported bearing alls at a cipper not less than 45 degrees (0.79 rod) from horizontal. The braces shall be spaced not more than 4 feet (1219 mm) on center, and the unbraced length of braces shall not exceed

*ATTIC ACCESS — DRAFT STOPS — YENTILATION

o reet (2430 min) (see: nouz.4-si).

ATIC ACCESS — DRAFT STOPS — VENTILATION

Provide a permanent electric outlet and lighting fixture controlled by a switch located at the required aftic access opening at or near the furnace (Sec. 1803.6. 12.)

When determined necessary by the building official because of dumspeheric accountability of the second of the spaces formed when the conditions, enclosed the second offers spaces formed when the second offers are second of the second offers about how cross ventilation for each separate space by ventilating openings protected against the entrone of rain or sow. Ventilating openings shall be provided with corrosion-resistant wire mesh, with the least dimension being 1/16 inch (1.6 mm) and maximum dimension of 1/4* (6.4 mm) (Sec. R806.1).

An accessible attic access formed opening not less than 22 inches wide by

maximum dimension of 1/4* (6.4 mm) (Sec. R806.1).

An accessible attice access framed opening not less than 22 inches wide by 30 inches injin (559 mm by 762 mm) shall be provided to any attic area having a clear height of over 30 inches (762 mm) (Sec. R807.1).

Portfstoppin; When there is usable space above and below the conceiled space of a floor/ceiling assembly, draffstops shall be installed so that the area of the conceiled space obser not exceed 1000 square feet (3.5 sq. m). Braffstopping shall divide the conceiled space into approximately equal areas. Draftstopping shall divide the conceiled space into sproximately equal areas. Portstopping shall be provided in Sec. R802.12 and Sec. R802.12 and Sec. R802.12 inches in the space of the space of

Ceiling is suspended under the floor framing; or
 Floor framing is constructed of truss-type open-web or perforated members.

FIRE PROTECTION

Fireblocking shall be provided to cut off all concealed draft openings (both vertical and harizontal) and to form an effective fire barrier between stories, and between at ops story and the roof space.
Fireblocking shall be provided in wood-frame construction in the following locations (Sec. R602, and R302.11);

1. In concealed spaces of stud wall and partitions, including furred spaces, at the ceiling and floror level;

2. At all interconnections between concealed vertical and harizontal spaces

spaces, at the cleaning dari ators elever;

2. At all interconnections between concealed vertical and harizontal space such as occur at softit, drop ceilings, cove ceilings, etc.,

3. In conceeled spaces between staris stringers at the top ad bottom of the concentration of the ceiling and for level, with noncombustible moterals.

5. For the fireblocking of chimneys and fireplaces, see Section R100.519.

6. Fireblocking of cornices of a two-family dwelling is required at the line of dwelling unit separation.

Materials as per section R302.111.

Variage and the concentration of the concentration of the ceiling and the spectration of the wall covity to a minimum height of 16 inches (406 mm) measured vertically. Where piping conduit or similar obstructions are encountered, the insulation shall be packed tightly around the obstruction (Sec. R302.11.2).

DWELLING-GARAGE FIRE SEPARATION

* THE CARAGE SHALL BE SEPARATED AS REQUIRED BY TABLE R302.6.
OPENINGS IN GARAGE WALLS SHALL COMPLY WITH SECTION R302.5 & R302.5.1.
ATTA-CHUENT OF CYPSUM BOARD SHALL COMPLY WITH TABLE R702.3.5.
HE WALL SEPARATION PROVISIONS OF TABLE 802.6 SHALL NOT APPLY
TO GARAGE WALLS THAT ARE PERPENDICULAR TO THE ADJACENT DWELLING
INJUT WALL.

WALLS: NOT LESS THAN 1/2" CYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE OF THE WALL.
DOOR: OPENINSS ENTHEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THEN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB—CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20—MINUTE FIRE—RATED DOORS, EQUIPPED WITH A SELF—CLOSING DEVICE.
CELIUNG: NOT LESS THAN 5/8" TYPE. "X" (CYPSUM BOARD OR EQUIVALENT WHEN HABITABLE ROOMS ABOVE THE GARAGE.

WHEN HABITABLE ROOMS ABOVE THE GARAGE.

WEATHER PROTECTION AND EXTERIOR SDING.

*All exterior would shall be covered with approved materials designed and installed to provide a barrier against the weather and insects to enable environmental control of the inferior spaces (Sec. R703.1 & R703.7.3).

*One layer of No. 15 asphalt felt, free from holes and breaks, complying with ASTIN D266, for Type I felt or other approved worter-resistant barrier shall be over studs or sheathing of all exterior walls.

Such felt or material shall be applied horizontally, with the upper layer lapped over the lower layer not less than 2 inches (51 mm).

Where joints occur, felt shall be lapp not less than 6 inches (152 mm).

FINISH WORK

* All interior materials shall meet the flame spread and smoke development for all interior finished materials per section R302.10. Wall interior and exterior wall coverings shall conform to sections R701, R702, and R703.

Minimum thickness and application of gypsum board per Table R702.3.5.

* All interior lath be installed as specified in section R702.
* All exterior lath be installed as specified in section R703.

FIREPLACES

* Masonry and factory built fireplaces and chimneys to be constructed per sections R1001, R1002, R1003, R1004, R1005, and R1006

GENERAL NOTES PER:

TABLE R602.3(1) I.R.C. 2021 (2012, 2015 & 2018) FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

ITEM	DESCRIPTION OF BUILDING ELEMENTS	FASTENERS a,b,c			
	ROOF				
1	Blocking between joists or rafters to top plate, toe nail	3-8d			
2	Ceiling joists to plate, toe nail	3-8d			
3	Ceiling joists not attached to parallel rafter, laps over	3-16d			
١.	partitions, face nail	= ==== = =(+)			
5	Ceiling joists attached to parallel rafter, (heel joint) Collar tie rafter, face nail or 1-1/4"x20 gage ridge strap	Table R802.5.2(1) 3-10d			
6	Rafter to plate, toe nail	3-100 3-16d			
1 7	Roof rafters to ridge, valley or hip rafters:	5 100			
1.	toe nail	4-16d			
	face nail	3-16d			
	WALL				
8	Stud to stud (not at braced wall panels)	16d @ 24" o.c. or 10d @16" o.c.			
9	Stud to stud & abutting studs @ corners	16d @ 12" o.c.			
10	Built-up header, two pieces with 1/2" spacer	16d 16" o.c. along each edge			
11	Continuous header to stud, toe nail	4-8d			
12	Adjacent full-height stud to end of header	4-16d			
13	Double top plates, face nail	16d @ 16" o.c.			
14	Double top plates, minimum 24-inch offset of end joints,	8-16d			
	face nail in lapped area				
15	Bottom plate to joist or blocking, face nail	16d @ 16" o.c.			
16	Bottom plate to joist or blocking/rim joist/band joist	3-16d @ 16" o.c.			
17	Top or bottom plate to stud, end nail	2-16d			
18	Top plates, laps at corners an intersections, face nail	2-16d			
19	1" brace to each stud and plate, face nail	2-8d			
20	1" x 6" sheathing to each bearing, face nail	2-8d			
21	1" x 8" sheathing to each bearing, face nail	3-8d			
	, ,				
	FLOOR				
22	Joist to sill, top plt or girder, toe nail	3-8d			
23	Rim joist to sill or top plate, toe nail	8d @ 6" o.c.			
1	(roof applications also)				
24	1" x 6" subfloor or less to each joist, face nail	2-8d			
25 26	2" subfloor to joist or girder, blind and face nail 2" planks (plank & beamfloor & roof)	2-16d 2-16d @ each bearing			
27	Band or rim joist to joist face nail	3-16d @ edch bearing			
28	Built-up girders and beams, 2-inch lumber layers	20d, Nail each layer as follows:			
		32" o.c. at top and bottom and			
1		staggered. Face nail @ ends &			
1	l	@ each splice			
29	Ledger strip supporting joists or rafters	3-16d @ each joist or rafter			
30	Bridging or blocking to joist, rafter or truss	2-10d @ each end, toe nail			

	DESCRIPTION OF FASTENER b.c.e	SP.	ACING
BUILDING MATERIALS	DESCRIPTION OF THE LERCH SPACE		INTRMED
		NG TO F	RAMING
3/8" - 1/2"	6d common noil (subfloor wall)	6	6 f
1 7 7 2	8d common nail (roof)	6	6 f
19/32" - 3/4"	8d common nail	6	129
7/8" - 1-1/4"	10d common nail or	6	12
'	8d deformed nail	ľ	'-
OT	HER WALL SHEATHING g		
		3	6
fiberboard sheathing	crown staple, or 16 ga., 1-1/4" long staple		
		3	6
1/2" gypsum sheathing ^d	1-1/2" galv. roofing nail; 7/16" head or 1 1/4"	7	7
d			l _
5/8 gypsum sheathing	1-3/4 galv. rooting nail; //16 head or 1 1/2	7	7
WOOD STRUCTURAL			c
3/4" and less	8d common (2-1/2" x 0.131") nail	6	12
7/8" - 1"	8d common (2-1/2" x 0.131") nail or	6	12
.,	Deformed (2-1/2" x 0.120") nail		1
1-1/8" - 1-1/4"	10d common (3" x 0.148") nail or Deformed (2-1/2" x 0.120") nail	6	12
	AND PARTICLEDARD WA 3/8" - 1/2" 19/32" - 3/4" 7/8" - 1-1/4" OTI 1/2" structural celluloisic fiberboard sheathing 25/32" structural celluloisic fiberboard sheathing 1/2" grypum sheathing ⁴ 1/2" grypum sheathing ⁴ 5/8" gypsum sheathing ⁴ WOOD STRUCTURAL I 3/4" and less 7/8" - 1"	BÜLÜNÜR MATÉRILIS DEJORUTION OF TRATECHE AND PARTICLEDARD WALL SHEATHING TO FRANING	BOULDING MATERIALS EDGES

40 | 1-1/8" - 1-1/4" | Deformed (2-1/2" x 0.120") nail

For S1: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s; 1 kai = 6.895 MPa.

All nails ore smooth-common, box or deformed shanks except where otherwise studed.

Nails used for framing and sheathing connections are carbon steel and shall have minimum overage bending yield strengths as shows: 80 ksi for shank diameter of 1.92 inch (204 common nail)

90 ksi for shank diameters larger than 0.142 inch but not longer than 0.177 inch and 100 ksi for shank diameters of 0.142 inch or less. Connections using nails and staples or other materials, such as stainless steel, shall be designed by acceptable engineering practices or approved under See. R104.11

RSSR-O1 is a of Sheathing Ring Shank nail meeting the specifications of ASTM F1687.

C. Noils shall be appeared to not more than 6 inches on center at all supports where spans are 48 inches or greater.

C. Four-foot-by-B-clot of 4-foot-by-B-100 panels shall be based on 10the R802.311

For Separation of the state of th

by tranning memoers or solia biocong;
Where a rafter is fastened to an adjacent parallel ceiling joist in accordance w/ this schedule, provide 2 toe nails
on one side of the rafter & toe nails from the ceiling joist to the top plt in accordance w/ this schedule.
The toe nail on the opposite side of the rafter shall not be required



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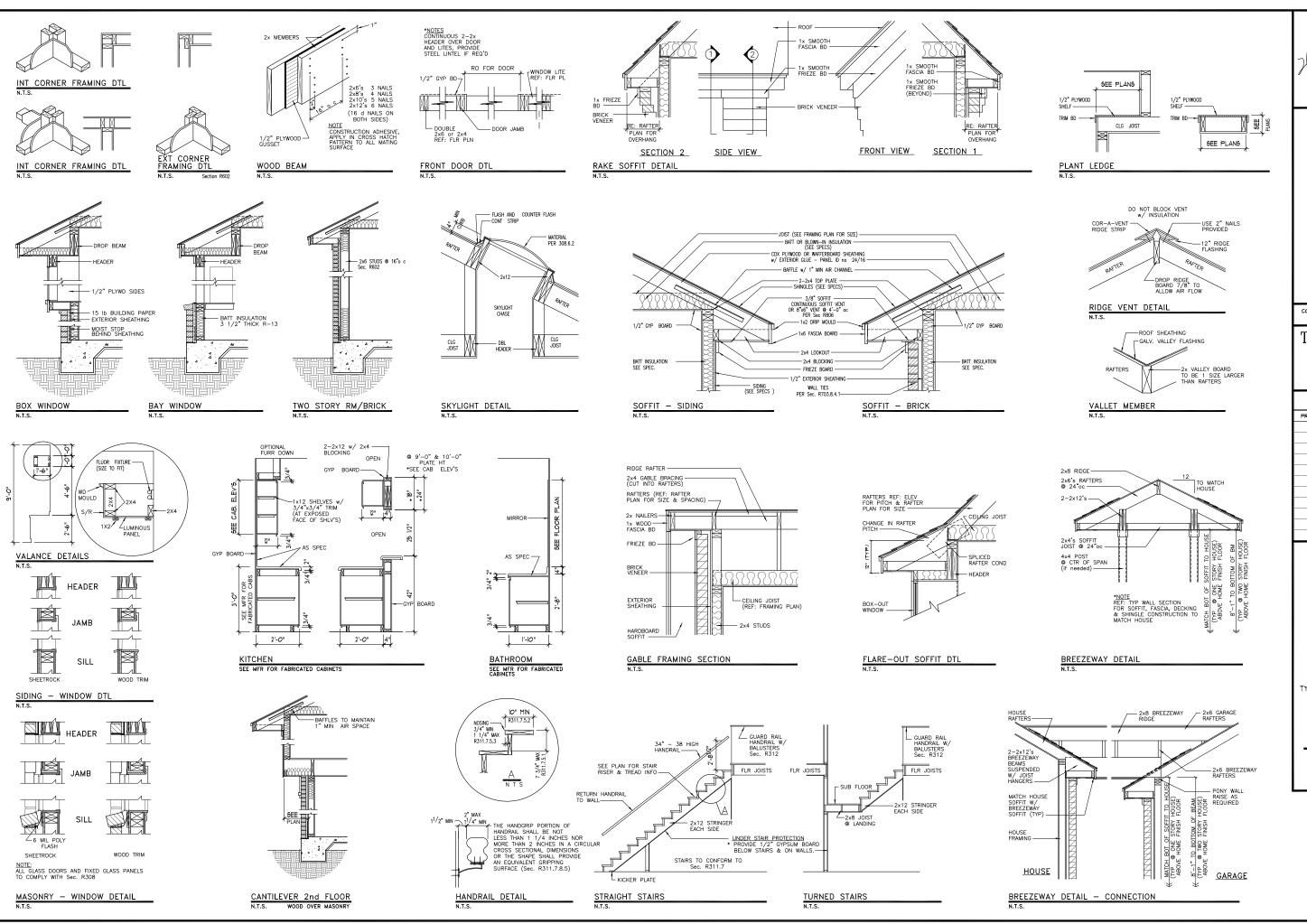
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		19 FEB 19
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		03 SEP 21

Subdivision

City/Jurisdiction TFXAS

TYPICAL DETAIL SHEET I.R.C. 2021 (2012, 2015 \$ 2018) Plan Number

> Sheet Number A-50





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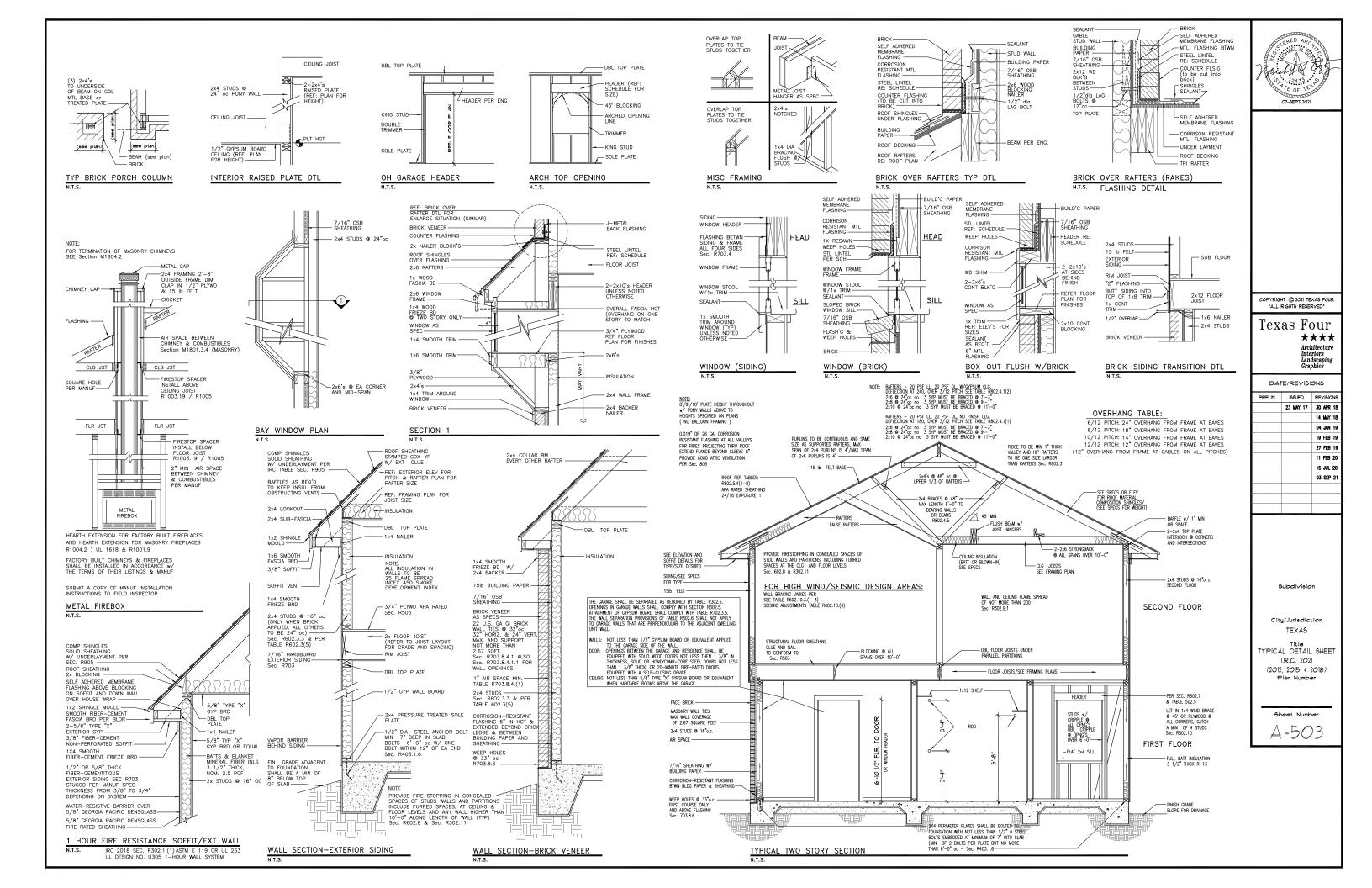
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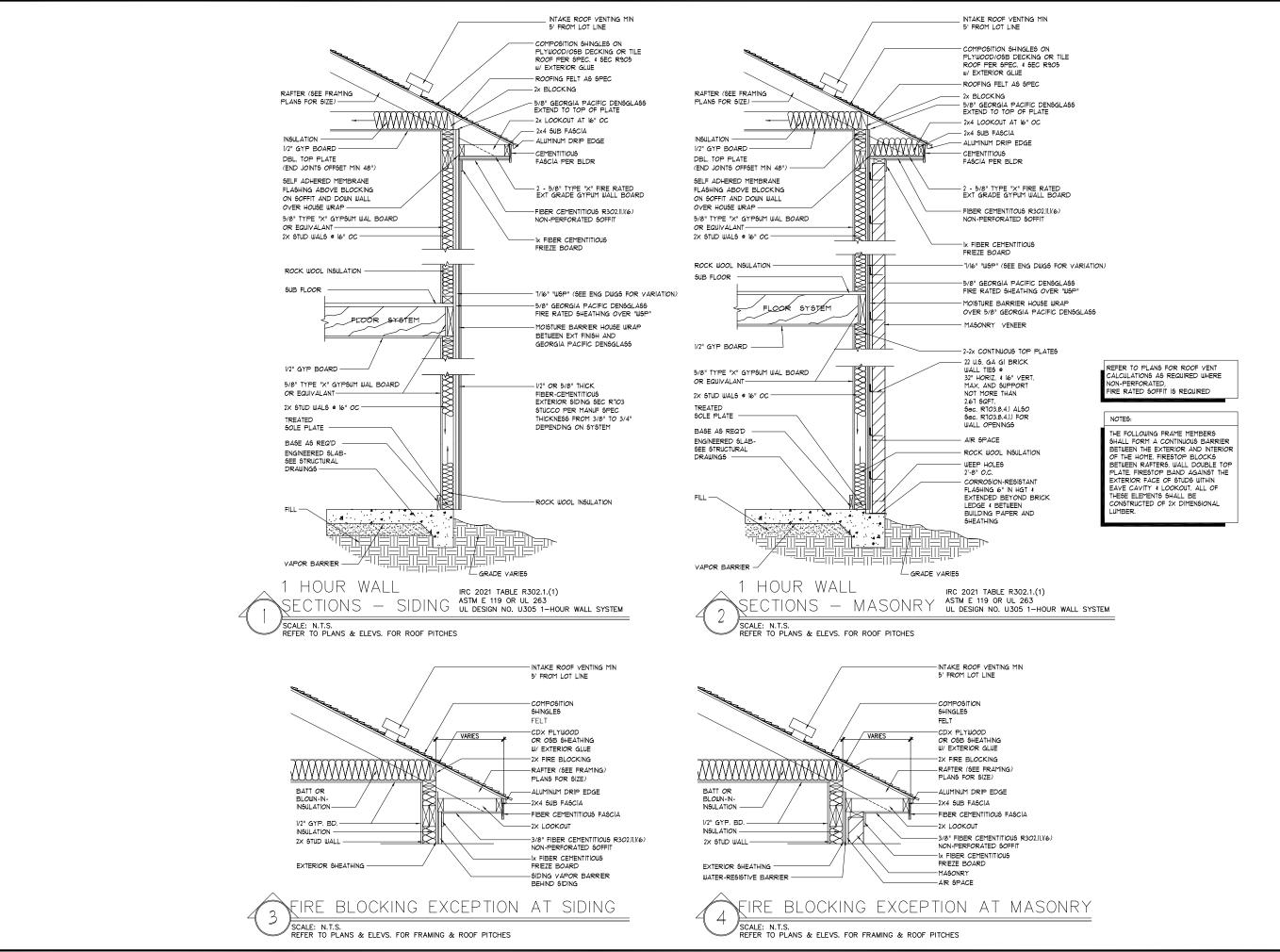
Subdivision

City/Jurisdiction TEXAS

TYPICAL DETAIL SHEET I.R.C. 2021 (2012, 2015 \$ 2018) Plan Number

> Sheet Number A-502





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06 JAN 21	03 FEB 21
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Subdivision

City/Jurisdiction AUSTIN, TX

Title FIRE WALL DTLS

FIRE WALL

Sheet Number A = 504