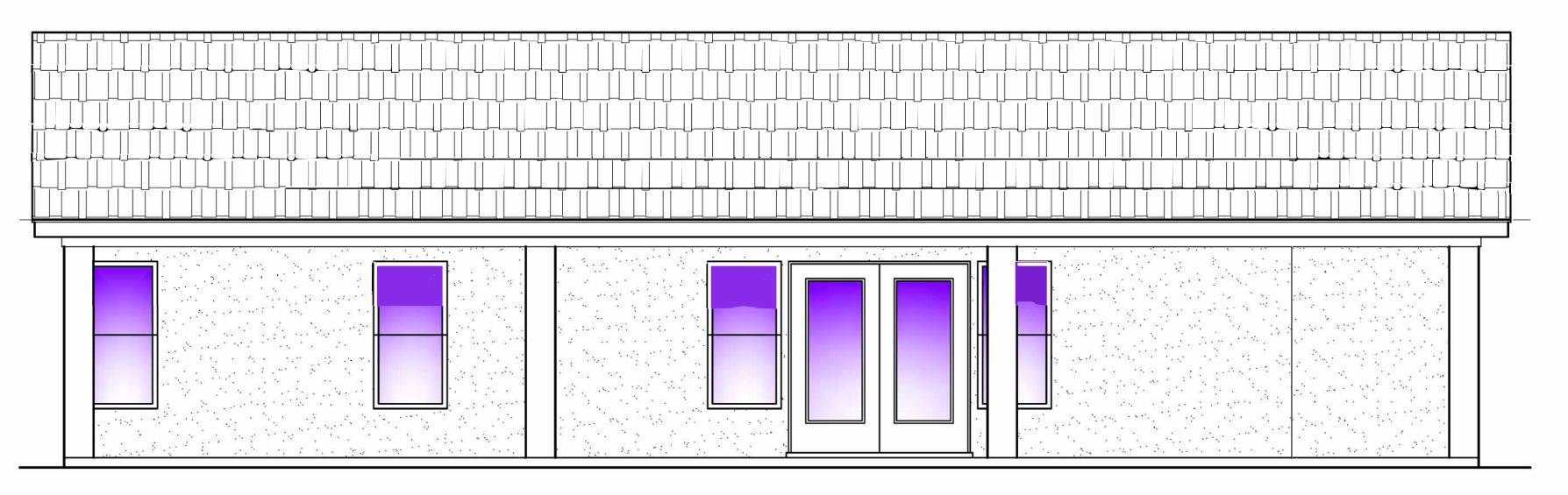
## **STREET VIEW:**





## **VICINITY MAP:**



# 106 NW LIVE OAK PLACE LAKE CITY, FLORIDA 32055

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE WIND LOAD REQUIREMENTS OF THE 2020 FLORIDA **BUILDING CODE RESIDENTIAL SEVENTH EDITION SECTION R301 DESIGN CRITERIA & ASCE 7-10.** 

1. WIND SPEED = 140 MPH ULTIMATE WIND SPEED (Vult) & 108 MPH

2. RISK CATEGORY 2.

CONSTRUCTION TYPE = SINGLE FAMILY RESIDENCE (V)

3. WIND EXPOSURE = CATEGORY C

4. INTERNAL PRESSURE COEFFICIENT FOR ENCLOSED BUILDINGS IS .18 & HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT IS 1.40

## **PROJECT INFORMATION:**

SITE ADDRESS: 106 NW LIVE OAK PLACE LAKE CITY, FLORIDA 32055

**OWNER: JOHN LEAR** 386-288-6749

## **ANALYSIS:**

OCCUPANCY GROUP: R-1-12 SINGLE FAMILY DWELLING

HOME SHALL BE CONSTRUCTED TO ALL LOCAL CODE REQUIREMENTS OF COLUMBIA COUNTY.

ALL WORK SHALL COMPLY WITH THE **CURRENT FLORIDA 2020 BUILDING** CODE SEVENTH EDITION.

### **SCOPE OF WORK:**

CONSTRUCTION OF SINGLE FAMILY PRIVATE DWELLING AND ALL ASSOCIATED SITE WORK, INCLUDING GARAGE, UTILITIES, PATIOS, AND DRIVEWAYS.

#### **LIVE LOADS:**

ATTIC WITHOUT STORAGE: 10 PSF ATTIC WITH LIMITED STORAGE: 20 PSF HABITABLE ATTICS & ATTICS SERVED WITH FIXED STAIRS: 30 PSF BALCONIES & DECKS (EXTERIOR): 40 PSF **GUARDRAILS & HANDRAILS: 200 PSF GUARDRAILS INFILL COMPONENTS: 50 PSF** PASSENGER VEHICLE GARAGES: 50 PSF ROOMS OTHER THAN SLEEPING ROOMS: 40 PSF **SLEEPING ROOMS: 30 PSF** STAIRS: 40 PSF

## SHEET INDEX/ PROJECT DIRECTORY:

**COVER SHEET** 

**CIVIL ENGINEER:** 

SITE PLAN: **AS NEEDED** 

## **ARCHITECTURAL PLANS:**

A1 ELEVATIONS **A2 FOUNDATION PLAN** A3 FLOOR PLAN A4 ELECTRICAL PLAN **A5 ROOF SCHEMATIC** 

#### **DESIGNER / DRAFTSMAN:**

**QUICK PLANS** THOMAS WARD PHONE: (435) 467-4046 QUICKPLANSFL@GMAIL.COM

ALL CONTRACTORS TO FOLLOW ALL CURRENT & APPLICABLE CODES.

PROVIDE VAPOR BARRIER BETWEEN ALL NON PRESSURE TREATED LUMBER & CONCRETE.

ALL SIMPSON STRAPPING IS TO BE INSTALLED PER MANUFACTURER SPECS. & REQUIREMENTS.

IT IS THE RESPONSIBILITY OF THE BUILDER TO COORDINATE THE INSTALLATION OF ALL WATERPROOFING METHODS NECESSARY TO PROVIDE A WATER TIGHT BUILDING ENVELOPE. REFER TO MFR. INSTALLATION RECOMMENDATION FOR ALL SELECTED WATER PROOFING MATERIALS, FLASHING, SEALERS AND AD-MIX COMPONENTS.

## **AREA TABULATION:**

| TABULATIONS TO FACE OF STUD/ FOUNDATION. |            |               |
|--|------------|---------------|
| CONDITIONED AREA:                        | MAIN FLOOR | 792 SQ. FT.   |
|  |            |               |
| TOTAL LIVING AREA                        |            | 792 SQ. FT.   |
| COVERED PORCH                            |            | 615 SQ. FT.   |
| COVERED PATIO                            |            | 100 SQ. FT.   |
| CARPORT / STORAGE                        |            | 321 SQ. FT.   |
| TOTAL UNDER ROOF                         |            | 1,828 SQ. FT. |
|  |            |               |

1603.1.3 ROOF SNOW LOAD 0 PSF

WALL - COMPONENTS & CLAD. Pnet = +42.7 PSF / -46.3 PSF

MSR ACCELERATION PARAMETERS

1603.1.6 GEOTECHNICAL

**GENERAL NOTES:** 

5. PROVIDE INSULATION AT ALL EXTERIOR WALLS AND CEILINGS AND FLOORS THAT MEET OR EXCEED CODE REQUIREMENTS

6. ALL STAIR TREADS SHALL HAVE MAXIMUM RISER HEIGHT OF 7.50" AND TREAD DEPTH OF 10" MINIMUM, HANDRAIL SHALL BE 36" HIGH

ALL FLOOR COVERINGS AND FURNISHINGS SHALL BE CHOSEN/APPROVED BY OWNER UNLESS NOTED OTHERWISE

4. ALL WING WALLS AND ARCHES SHALL BE FRAMED WITH A MINIMUM WIDTH OF 6" UNLESS NOTED OTHERWISE

8. CONSULT OWNER FOR LOCATION OF HOSE BIBBS.

## **MECHANICAL NOTES:**

- I. FLUE VENTS AND EXHAUST FAN VENTS SHALL BE AT LEAST 3' ABOVE AND OUTSIDE AIR INLET LOCATED WITHIN 10' AND AT LEAST 4'

- 8. THE DWELLING MUST BE PROVIDED WITH HEATING CAPABLE OF MAINTAINING A ROOM TEMPERATURE OF 70 DEGREES AT A POINT

## PLUMBING NOTES:

PROVIDE FLOOR DRAIN AT WATER HEATER.

BACKING BOARD AND TILE, MARBLE, OR EQ. TO A HEIGHT OF 70" ABOVE THE

WATER CLOSET CLEARANCES OF 30" WIDTH, 24" IN FRONT OF CLOSET REQUIRED

5. FLOW RATE OF SHOWER HEAD MAXIMUM 2.5 GALLONS/MINUTE.

6. PLUMBING VENTS SHALL BE AT LEAST 3' ABOVE OR 10' OUTSIDE AIR INTAKE

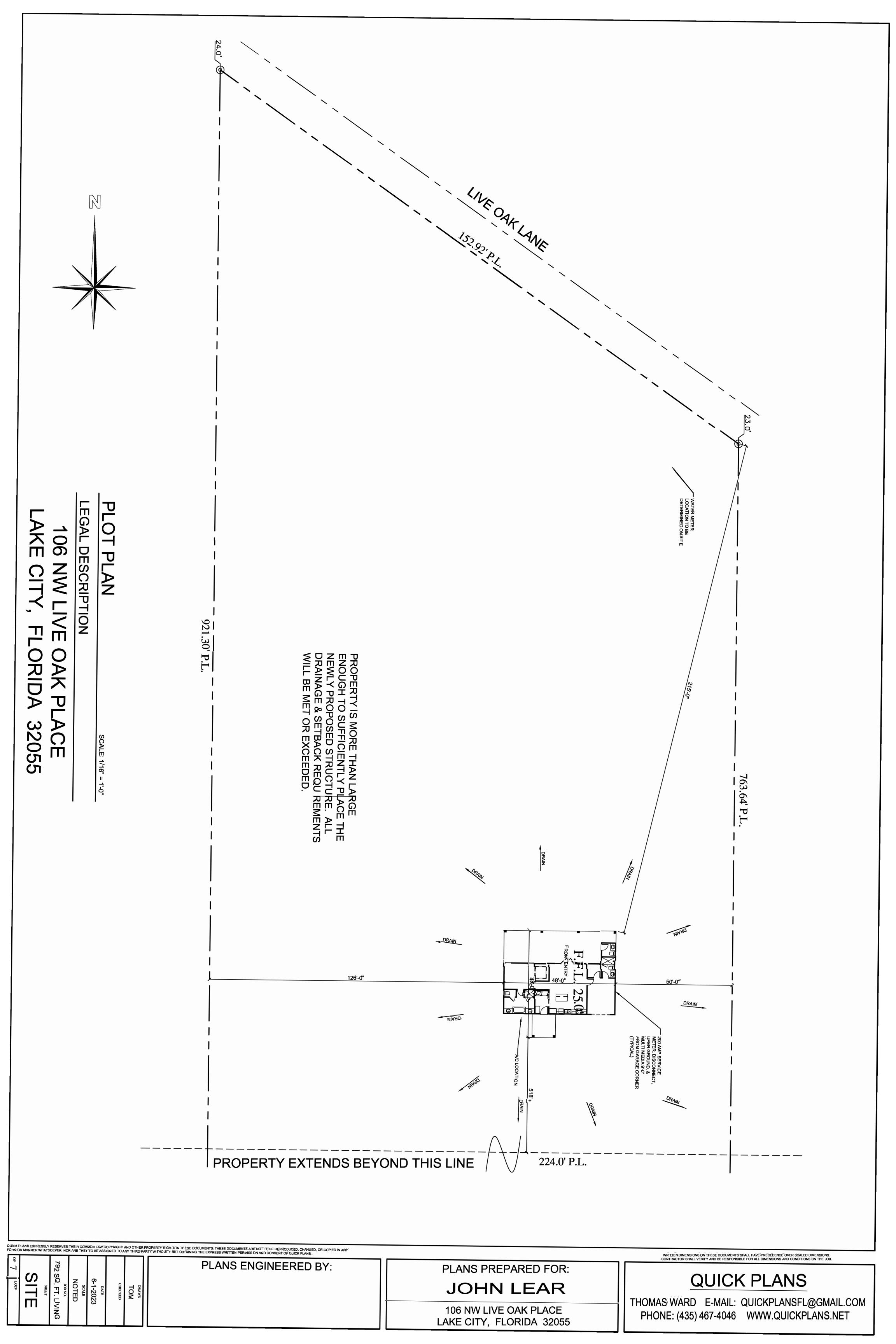
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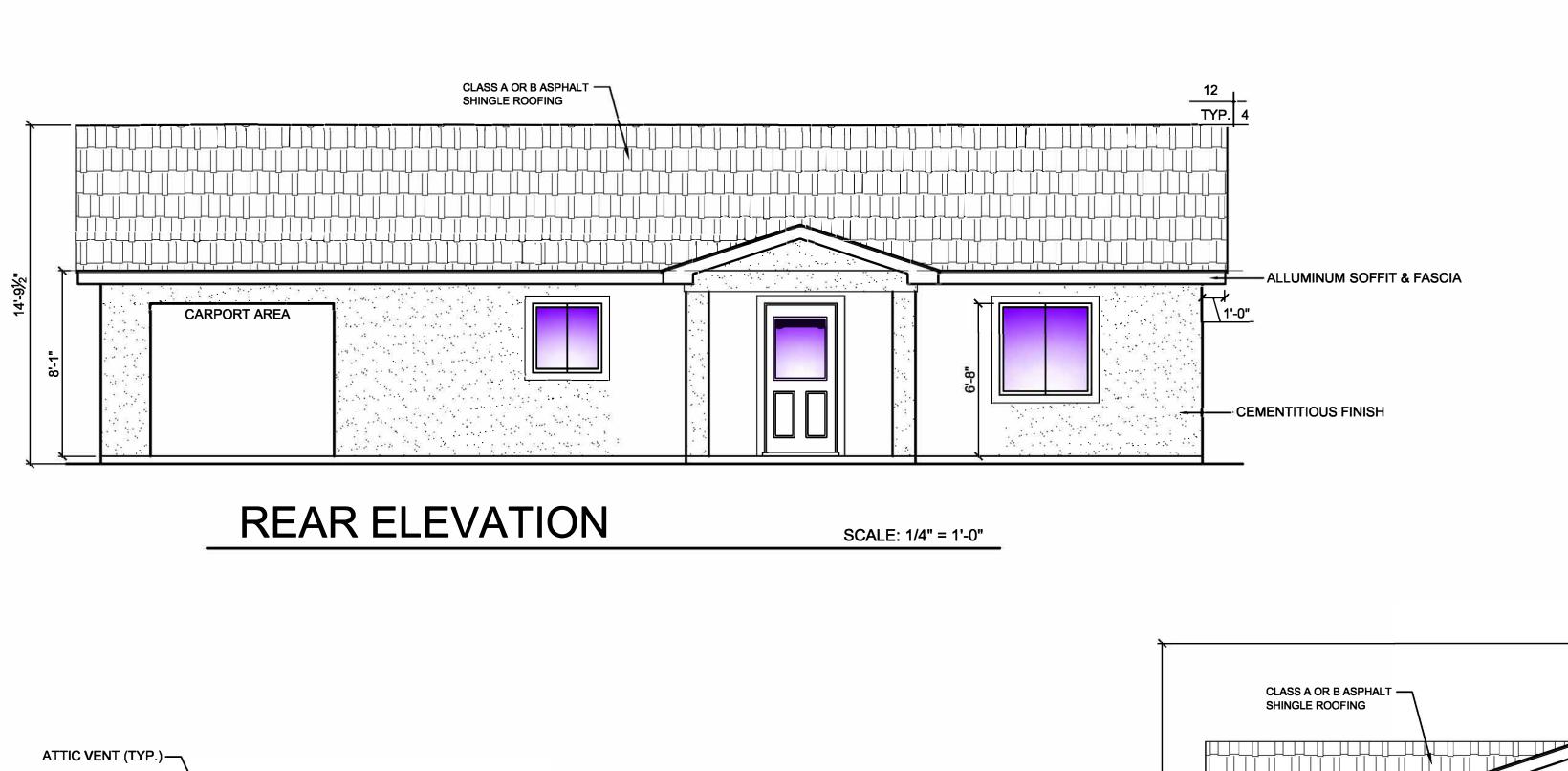
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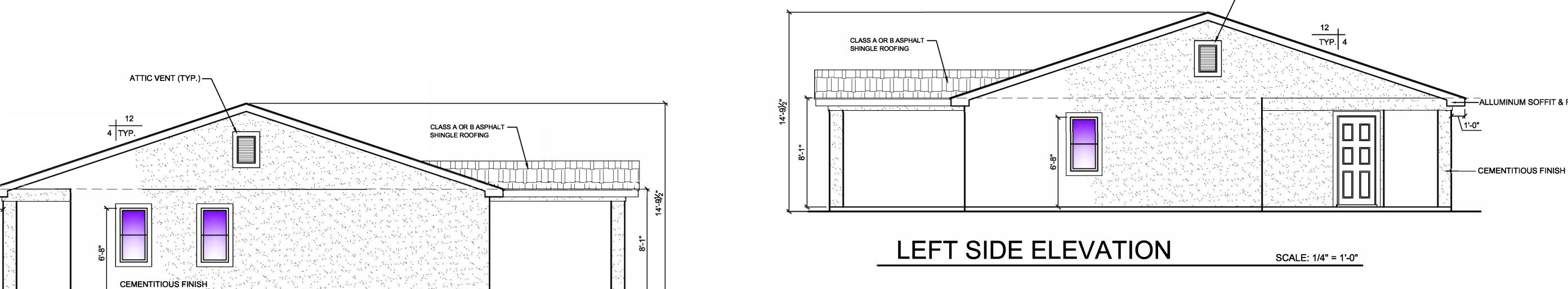
792 SQ. FT. LIVING

COVER

OF 6 LOT#



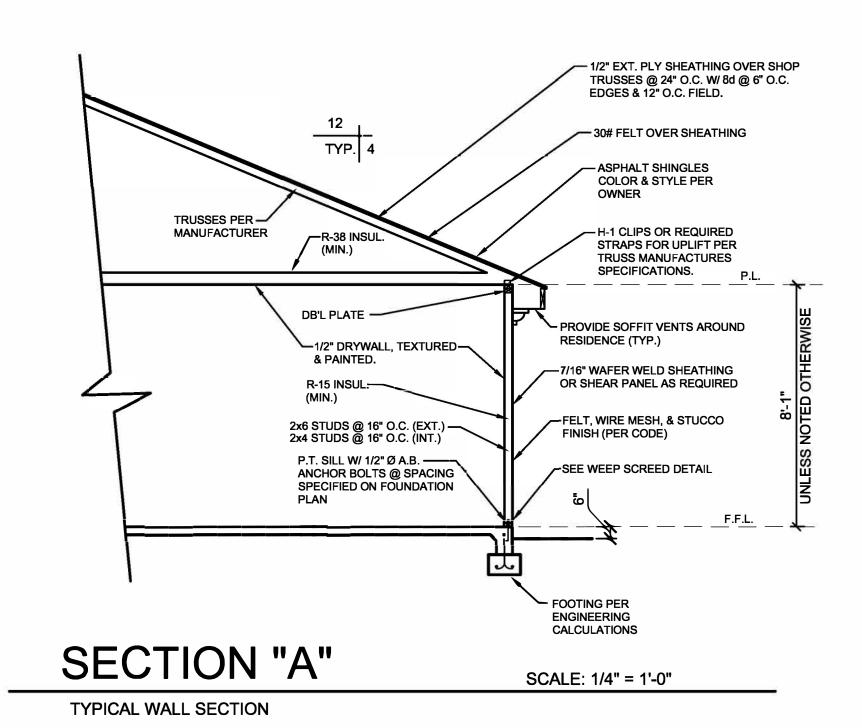


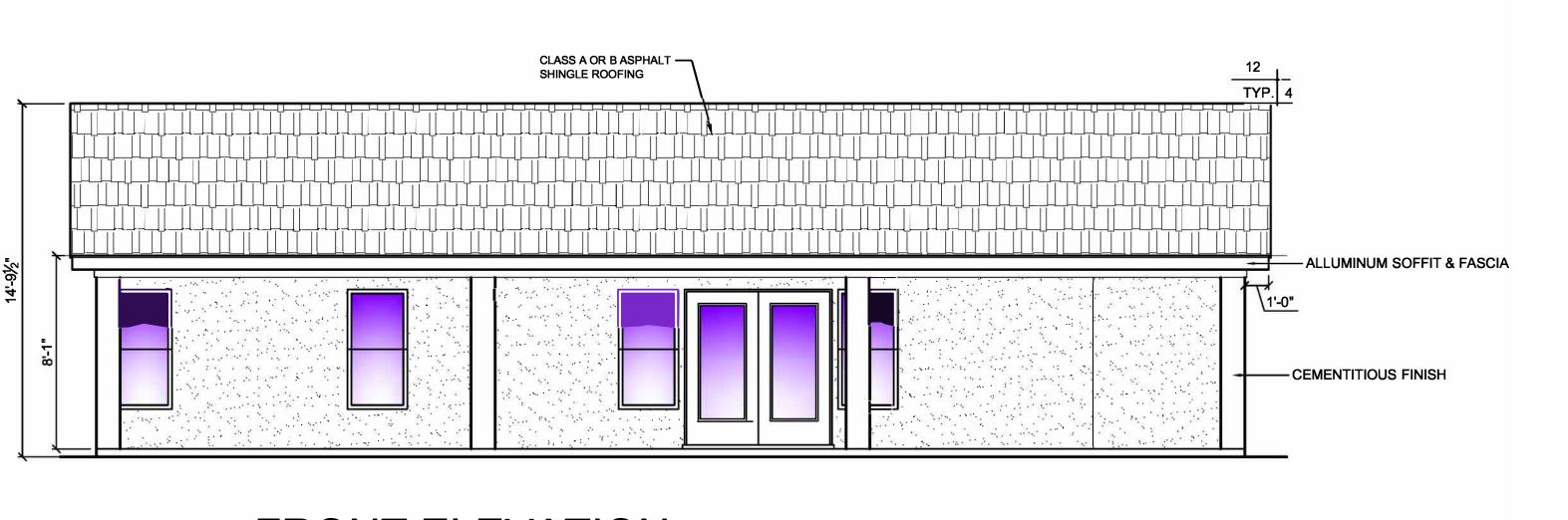


# RIGHT SIDE ELEVATION

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

792 SQ. FT. - LIVING 321 SQ. FT. - STORAGE 715 SQ. FT. - PORCH & PATIO 1,828 SQ. FT. UNDER ROOF





FRONT ELEVATION

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

ATTIC VENT (TYP.)

QUICK PLANS

THOMAS WARD E-MAIL: QUICKPLAN

ANS PREPARED FOR:

JOHN LEAR

IGINEERED BY:

DRAWN
TOM
CHECKED

DATE
6-1-2023
SCALE

DATE
6-1-2023
SCALE
NOTED
JOB NO.
792 SQ. FT. LIVING
SHEET

\$\Delta = 1\$

A-1

OF 6 LOT#

3 D-1

EXTERIOR FOOTING W/ CONC. PATIO

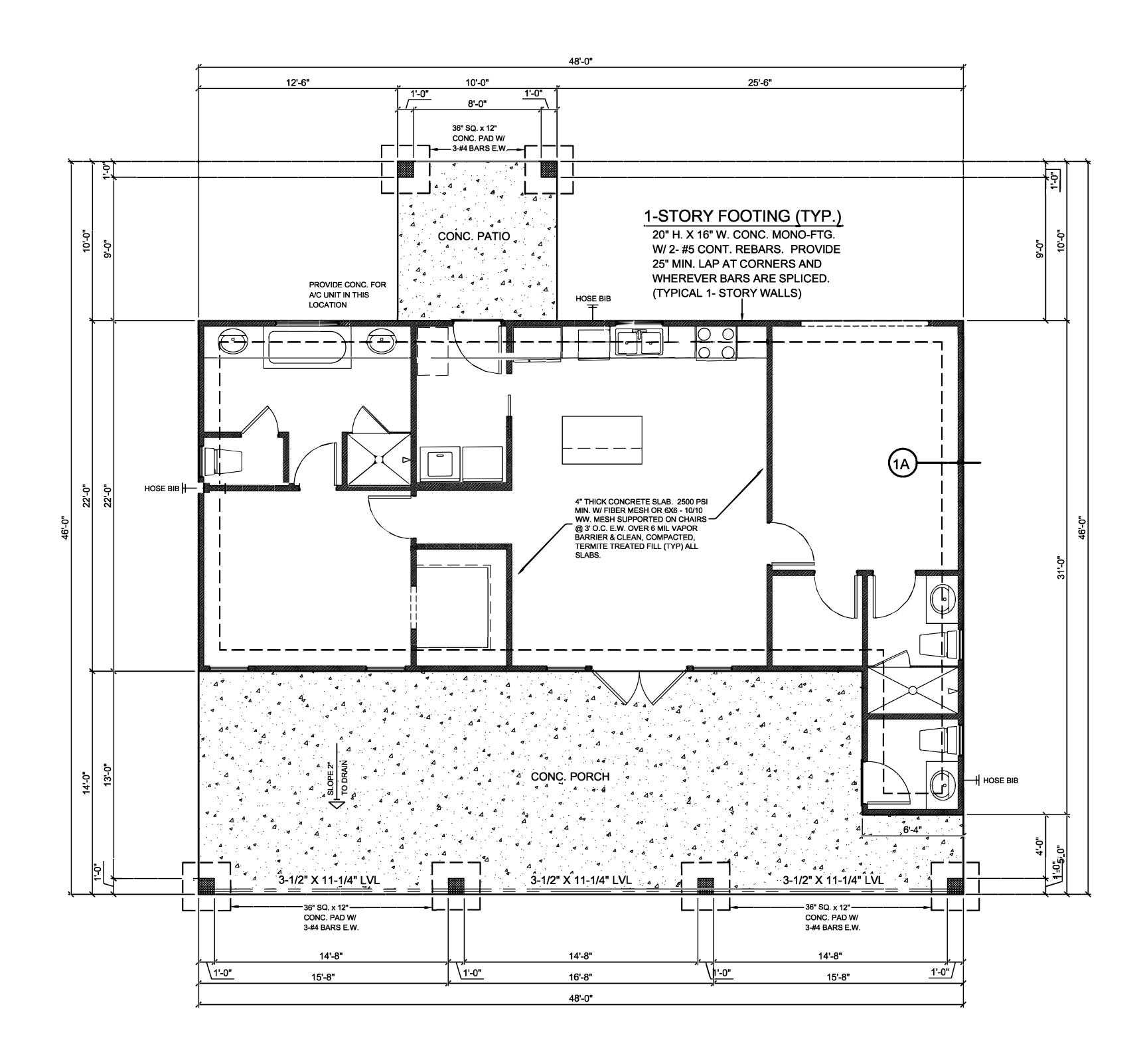
(WEEP SCREED DETAIL)

NO SCALE

## GENERAL FOUNDATION NOTES:

1. ALL CONCRETE SLABS SHALL HAVE A COMPREHENSIVE STRENGTH OF NOT LESS THAN 2500 PSI @ 28 DAYS. SLABS SHALL BE REINFORCED WITH FIBER MESH ON 6 MIL. VAPOR BARRIER OVER CLEAN COMPACTED TERMITE TREATED FILL.

- 2. CONCRETE FOOTINGS SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 2500 PSI @ 28 DAYS. REINFORCE FOOTINGS WITH #5 BARS AS INDICATED. ALL BARS SHALL BE DEFORMED, AND SHALL CONFORM TO ASTM DESIGNATION A305, AND BE CLEAN AND FREE FROM RUST AND SCALE. SPLICES SHALL OVERLAP AT LEAST 25". ALL REBAR TO BE GRADE 40.
- 3. EXTEND THE SLAB 1-1/2" AT DOOR OPENINGS.
- 4. EXTEND THE SLAB 1-1/2" AND RECESS 3/4" FOR SLIDING GLASS DOOR TRACKS.
- 5. NO WOOD GRADE STAKES ALLOWED.



FOUNDATION PLAN

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

BUILDER / CONTRACTOR TO FIELD DETERMINE A/C CHASE LOCATIONS

QUICK PLANS

THOMAS WARD E-MAIL: QUICKPLANSF PHONE: (435) 467-4046 WWW.QUICK

JOHN LEAR

UMENTS. THESE DOCUMENTS ARE NOT TO BE REPRODUCED, CHANGED, OR COPIED IN ANY
THE EXPRESS WRITTEN PERMISSION AND CONSENT OF QUICK PLANS.

PLANS ENGINEERED BY:

DRAWN
TOM
CHECKED

6-1-2023
SCALE
NOTED

JOB NO.
792 SQ. FT. LIVING
SHEET

A-2

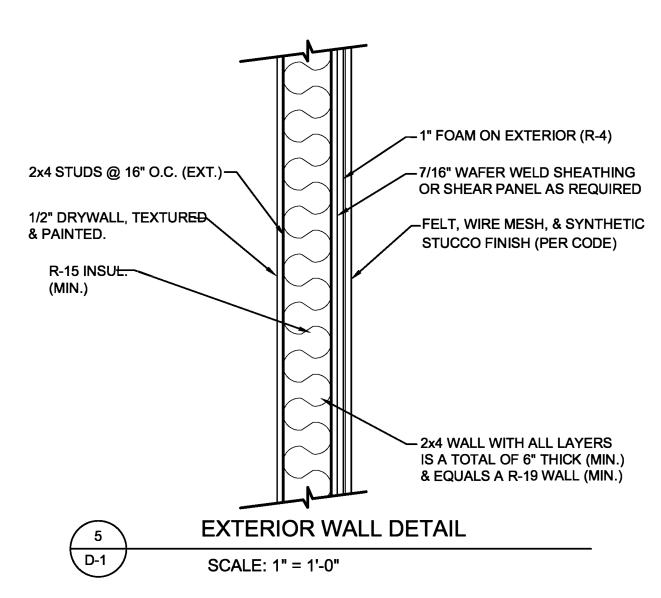
OF 6 LOT#

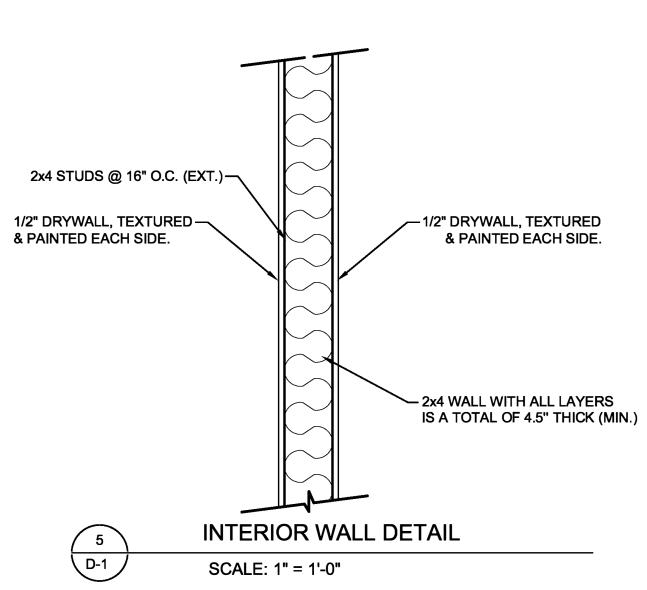
#### **GENERAL LUMBER NOTES:**

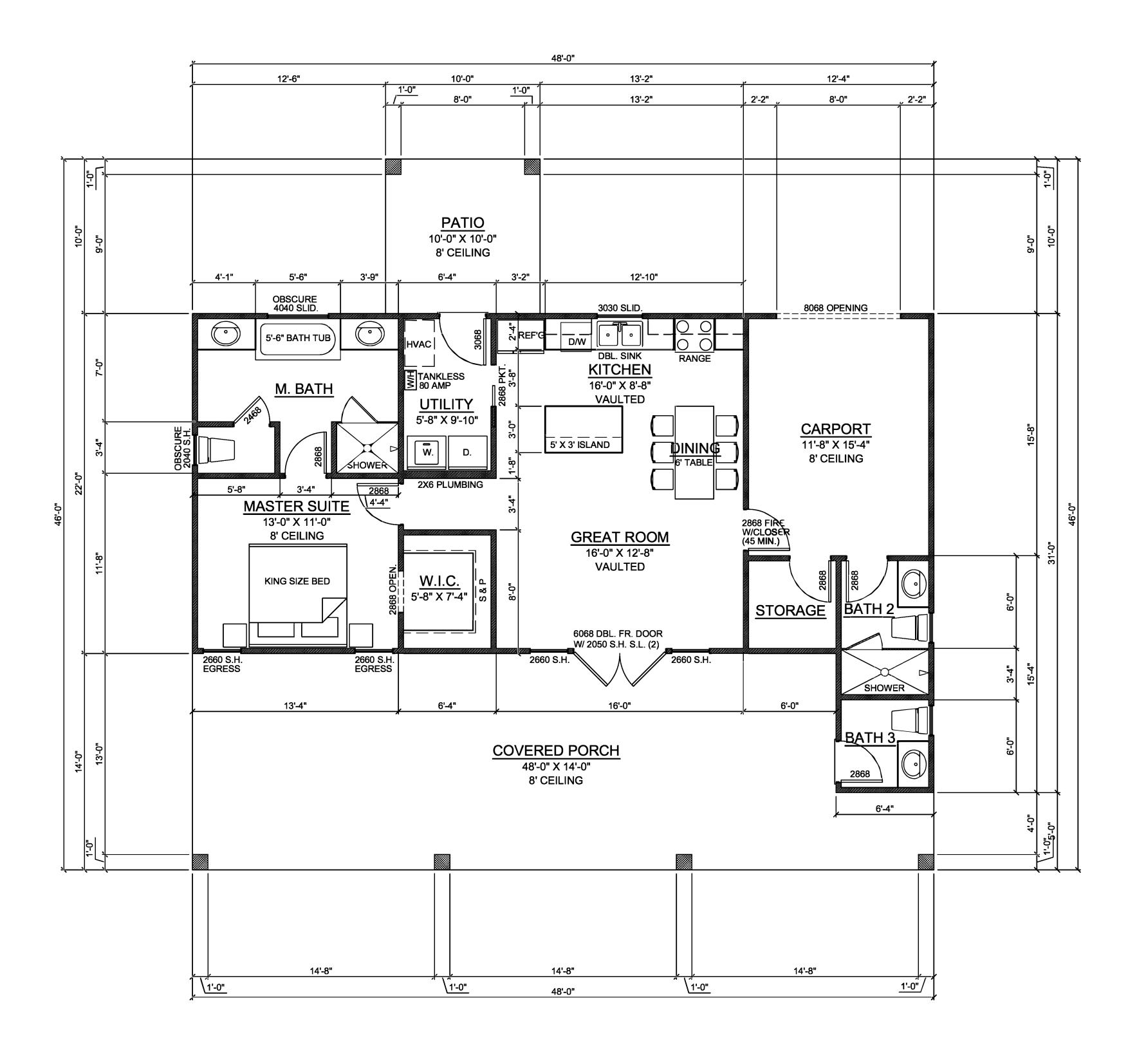
ALL LUMBER TO BE SOUTHERN YELLOW PINE #2 WITH MAXIMUM CONTENT OF MOISTURE 19%. EXTERIOR LUMBER TO BE PRESSURE TREATED. STUDS MAY BE SPRUCE #2.

ALL WOOD IN CONTACT WITH THE GROUND AND THAT SUPPORTS PERMANENT STRUCTURES INTENDED FOR HUMAN OCCUPANCY SHALL BE APPROVED PRESERVATIVE TREATED WOOD.

| LIMITING HEIGHTS OF STUDS: |                 |                       |             |
|----------------------------|-----------------|-----------------------|-------------|
| SIZE #2 GRADE              | O.C.<br>SPACING | BLOCKING<br># OF ROWS | MAX. HEIGHT |
| 2X4 SPRUCE FIR             | 16"             | NONE                  | 8'-0"       |
| 2X4 SPRUCE FIR             | 16"             | ONE                   | 10'-0"      |
| 2X4 SPRUCE FIR             | 16"             | TWO                   | 12'-0"      |
| 2X4 SPRUCE FIR             | 12"             | THREE                 | 14'-0"      |
| 2X4 SOUTHERN PINE          | 16"             | THREE                 | 13'-4"      |
| 2X4 SOUTHERN PINE          | 12"             | THREE                 | 15'-0"      |
| 2X6 SPRUCE FIR             | 16"             | NONE                  | 9'-0"       |
| 2X6 SPRUCE FIR             | 16"             | TWO                   | 14'-4"      |
| 2X6 SPRUCE FIR             | 12"             | THREE                 | 16'-0"      |
| 2X6 SOUTHERN PINE          | 16"             | THREE                 | 17'-0"      |
| 2X6 SOUTHERN PINE          | 12"             | THREE                 | 19'-8"      |
| 2X8 SPRUCE FIR             | 16"             | THREE                 | 18'-0"      |
| 2X8 SPRUCE FIR             | 12"             | THREE                 | 21'-0"      |
| 2X8 SOUTHERN PINE          | 16"             | THREE                 | 22'-4"      |
| 2X8 SOUTHERN PINE          | 12"             | THREE                 | 24'-0"      |







FLOOR PLAN

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

792 SQ. FT. - LIVING 321 SQ. FT. - STORAGE 715 SQ. FT. - PORCH & PATIO 1,828 SQ. FT. UNDER ROOF

THOMAS WARD E-MAIL: PHONE: (435) 467-4046

TOM 6-1-2023 NOTED 792 SQ. FT. LIVING

of 6

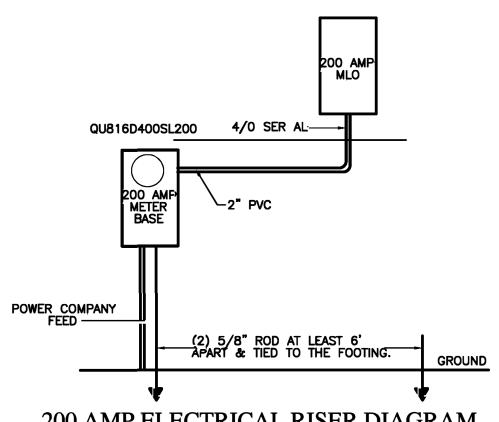
- 1. BUILDER AND/OR ALL TRADES TO REVIEW AND VERIFY CONSTRUCTION DOCUMENTS WITH ALL EXISTING CONDITIONS OF THIS PROJECT. BUILDER TO BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS PROPOSED AND EXISTING. IF ANY DISCREPANCIES ARE FOUND, OWNER/ENGINEER/DESIGNER/BUILDER MUST BE NOTIFIED PRIOR TO FABRICATION OR CONSTRUCTION BEGINS FOR RESOLVEMENT. DO NOT SCALE DRAWINGS. CONTRACTOR AND ALL SUB-CONTRACTORS TO VERIFY ALL DIMENSIONS PRIOR TO
- 2. BUILDER TO RENOVATE, PATCH AND REPAIR ALL WALLS, FLOOR AND CEILING OR ROOF WHERE NECESSARY.
- 3. BUILDER TO FLASH AND WEATHER PROOF ALL APPLICABLE RENOVATED AREAS AS REQ'D. BLDR. RESPONSIBILITY TO VERIFY ALL SUBCONTRACTORS AND BUILDERS WATERPROOFING AND FLASHING TECHNIQUES PRIOR TO CONSTRUCTION WHETHER SHOWN
- 4. BUILDER AND ALL TRADES TO MEET ALL GOVERNING LOCAL AND STATE CODES.
- 5. ALL DRYWALL FINISHES TO BE VERIFIED BY BUILDER WITH OWNER.
- 6. ALL FLOOR FINISHES TO BE VERIFIED BY BUILDER WITH OWNER.
- 7. PLUMBING CONTRACTOR TO RELOCATE PLUMBING AS REQ'D.
- 8. BUILDER RESPONSIBLE FOR WEATHER-PROOFING EXISTING STRUCTURE AND NEW STRUCTURE DURING ALL PHASES OF CONSTRUCTION. SHOWN OR NOT SHOWN

PERTAINING TO PROJECT.

10. ENGINEER NOT RESPONSIBLE FOR EXISTING CONDITIONS SHOWN OR NOT SHOWN ON THESE DOCUMENTS AND ANY CONDITIONS

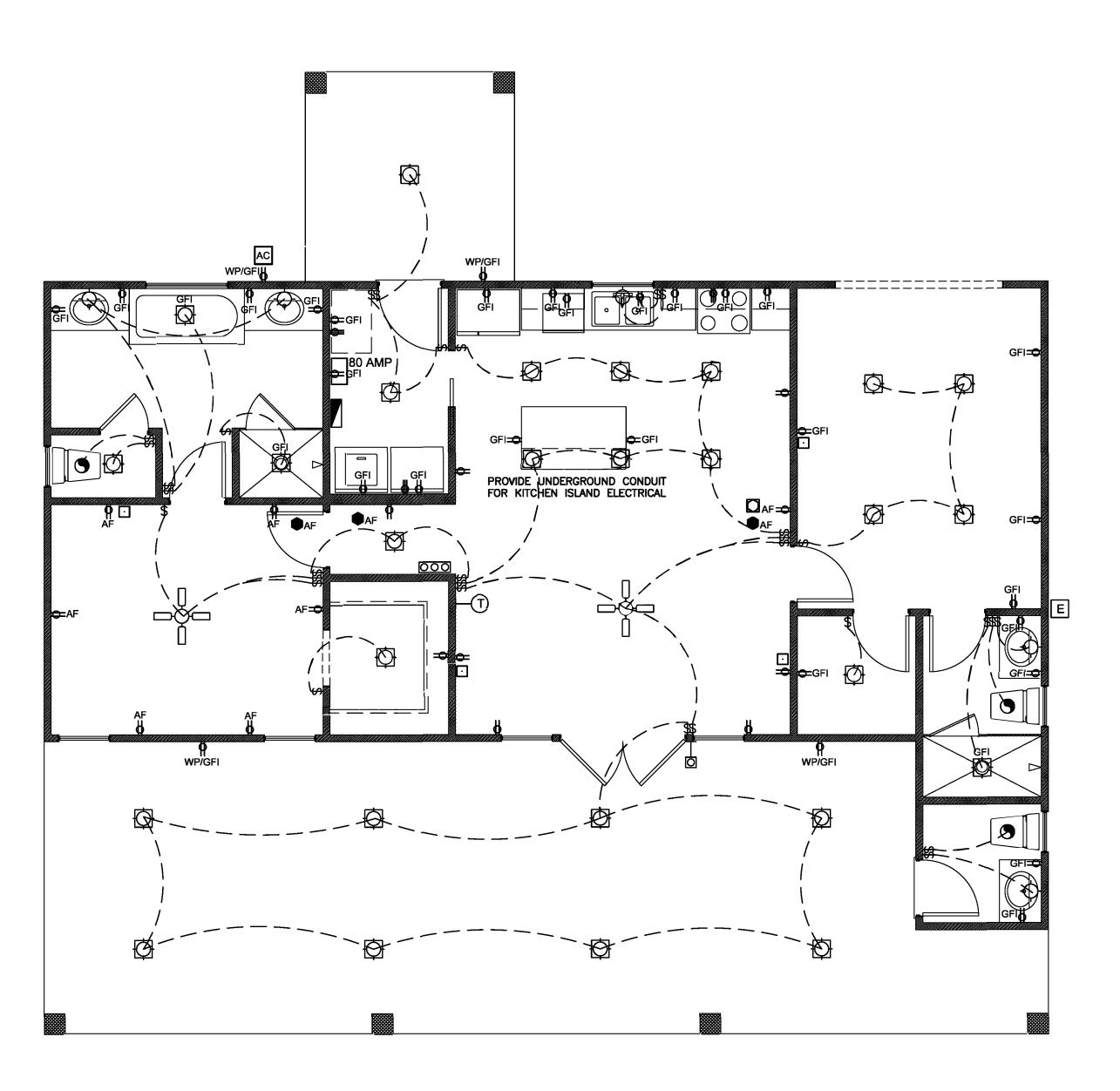
9. ELECTRICAL CONTRACTOR TO VERIFY EXISTING ELECTRICAL PANEL CAPACITY FOR NEW ELECTRICAL PLAN & UPGRADE AS

- 11. SHORE UP & SUPPORT ALL EXISTING CONDITIONS AS REQUIRED DURING CONSTRUCTION
- 12. CONTRACTOR/BUILDER TO FIELD VERIFY ALL EXISTING CONDITIONS OF THIS JOB PERTAINING TO THIS RENOVATION PROJECT. CONTRACTOR/BUILDER MUST REVIEW ALL NOTES AND DRAWINGS AND ACTUAL EXISTING CONDITIONS OF HOME PRIOR TO ANY ORDERING OF MATERIALS OR ANY CONSTRUCTION. IF ANY DISCREPANCIES EXIST CONTRACTOR/BUILDER IS RESPONSIBLE FOR CONTACTING THE ENGINEER, FOR ANY FUTURE MODIFICATIONS AS MAY BE REQUIRED.
- 13. THE CONTRACTOR SHALL BRING ERRORS AND OMISSIONS WHICH MAY OCCUR IN CONTRACT DOCUMENTS TO THE ATTENTION OF THE ENGINEER IN WRITING AND WRITTEN INSTRUCTIONS SHALL BE OBTAINED BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR WILL BE HELD RESPONAIBLE FOR THE RESULT OF ANY ERRORS, DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS, OF WHICH THE CONTRACTOR FAILED TO NOTIFY THE ARCHITECT BEFORE CONSTRUCTION AND/OR FABRICATION OF THE WORK.
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SAFTY AND CONSTRUCTION PROCEDURES, TECHNIQUES, OR THE FAILURE OF THE BUILDER TO CARRY OUT THE WORK IN ACCORDANCE WITH THE DRAWINGS OR THE REQUIRED CODES.
- 15. THE STRUCTURAL DESIGN IS BASED ON THE INTERACTION OF ALL PARTS OF THE COMPLETED BUILDING. THE CONTRACTOR SHALL SOLEY BEAR THE RISK FOR PROVIDING ADEQUATE STABILITY AND SAFTY OF THE STRUCTURE DURING CONSTRUCTION UNTIL PERMANENT MEMBERS ARE COMPLETELY INSTALLED.
- 16. DETAILS SHOWN ON THE DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
- 17. THE CONTRACTOR SHALL MAKE NO STRUCTURAL CHANGES WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
- 18. NO STRUCTURAL MEMBERS ARE TO BE CUT FOR PIPES, DUCTS, ETC. UNLESS SPECIFICALLY DETAILED.



- 200 AMP ELECTRICAL RISER DIAGRAM
- \* ALL DETECTORS SHALL BE SMOKE/CARBON MONOXIDE COMBO'S.
- \* ALL NON-GFI OUTLETS TO BE ON ARC FAULT INTERRUPTERS AND TAMPER PROOF.
- \* ALL GFI OUTLETS OUTDOORS, GARAGES, KITCHENS & BATHS
- \* ALL ELECTRICAL SHALL BE IN ACCORDANCE WITH THE 2020 NATIONAL ELECTRIC CODE.

THIS DIAGRAMATIC PLAN IS INTENDED TO SHOW LIGHTING & CONVENIENCE OUTLETS ONLY. THE ENGINEER WILL BEAR NO RESPONSIBILITY FOR IT'S ACCURACY. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO VERIFY THAT THE REQUIREMENTS AND LOCATIONS OF ALL ELECTRICAL EQUIPMENT AND PROVIDE AND INSTALL COMPLETE ELECTRICAL SERVICES AS REQUIRED. ELECTRICAL CONTRACTOR TO SUBMIT PLAN AND PULL PERMIT AS REQUIRED.



LIGHT SWITCH DIMMER SWITCH 110V DUPLEX OUTLET 220 V. OUTLET

**ELECTRICAL & UTILITY LEGEND** 

HANGING PENDENT LIGHT FIXTURE

W/ PLASTIC LENS COVER

JUNCTION BOX @ CEILING FOR **CEILING FAN W/LIGHT** 

ALL DETECTORS TO BE WIRED TOGETHER FOR

TELEPHONE JACK

2-L TELEPHONE & SEPARATE COMPUTER LINE IN ONE JUNCTION BOX.

PROVIDE 1/2" DIAMETER COPPER COLD WATER LINE TO REFRIGERATOR SPACE.

HOSE BIB

GAS STUB

ELECTRICAL PANEL (NEC 230-23)

220V CB BOX FOR A.C. COMPRESSOR @ 36" ABOVE SLAB (NEC 422-26)

GAS METER LOCATION (VERIFY)

ELECTRICAL METER LOCATION (VERIFY)

GUNFROS (OR EQ.) HOT WATER RECIRCULATING PUMP

THERMOSTAT CONTROL

ARC FAULT RECEPTACLE - TO BE "COMBINATION" TYPE GROUND FAULT INTERCEPT DUPLEX RECEPTACLE OUTLET WP/GFI WATER PROOF G.F.I. DUPLEX RECEPTACLE OUTLET INCANDESCENT CEILING MOUNTED LIGHT FIXTURE INCANDESCENT WALL MOUNT LIGHT FIXTURE INCANDESCENT ROUND RECESSED LIGHT FIXTURE MINI INCANDESCENT RECESSED EYEBALL LIGHT 4' LONG FLUORESCENT TUBES FIXTURES IN WALL, OR TRED STAIRWAY LIGHTS **UNDER KITCHEN CABINET LIGHTS** EXHAUST FAN SMOKE DETECTOR -CEILING MOUNTED (ARC FAULT) SIMULTANEOUS ALARM W/ BATTERY BACK-UP. AF CARBON MONOXIDE SENSOR (ARC FAULT) LUMINOUS LIGHTED ADDRESS JUNCTION BOX @ LUMINOUS CL'G ⊢O GARAGE DOOR OPENER SWITCH PUSH BUTTON DOORBELL DOOR CHIMES 000 TELEVISION JACK

WARD E: (435)

TOM 6-1-2023 NOTED 792 SQ. FT. LIVING

of 6 Lot#

ELECTRICAL PLAN

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

**BUILDER / CONTRACTOR TO VERIFY ALL** DIMENSIONS & BEARING HEIGHTS PRIOR TO CONSTRUCTION & TRUSS MANUFACTURING.

THE ENGINEER WILL BEAR NO RESPONSIBILITY FOR ERRORS IN TRUSS / LVL DESIGN OR MANUFACTURE. THE BUILDER & THE TRUSS MANUFACTURER ARE TO REVIEW TRUSS PLANS AND VERIFY ALL SPANS, DIMENSIONS, PITCHES & QUANTITIES BEFORE MANUFACTURE AND SHALL REFER ANY QUESTIONS ON LOADING OR DESIGN TO THE ENGINEER OF RECORD.

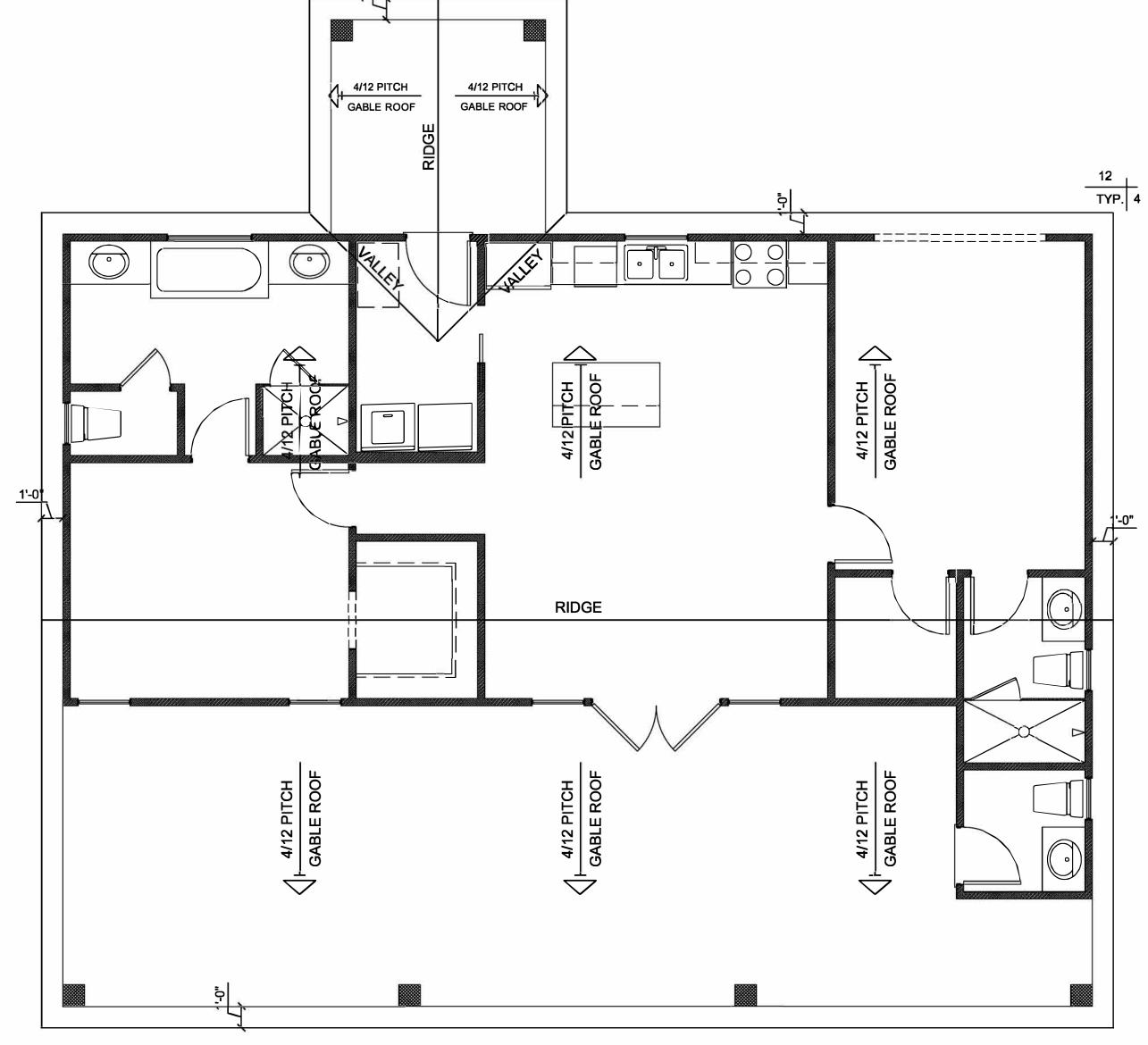
#### **ROOF NAILING PATTERN:**

ZONE 1 - USE 8D RING SHANK NAILS @ 6" O.C. SPACING (FIELD) & 4" O.C. AT SUPPORTED EDGES.

ZONE 2 - USE 8D RING SHANK NAILS @ 6" O.C. SPACING (SUPPORTED EDGES) & 6" O.C. AT FIELD.

PNEUMATIC NAILS MAY BE USED IN LIEU OF 8D RING SHANK NAILS. NAILED 4" O.C. AT EDGES & 6" O.C. AT FIELD. (SENCO 2-1/4" X .131 & PASELODE 2-1/4" X .099).

GYPSUM BOARD NAILING PATTERN: USE 5D NAILS @ 7" O.C. SPACING.



12" ROOF OVERHANG THROUGHOUT (TYPICAL)

## THERMAL ENVELOPE

BUILDINGS THERMAL ENVELOPE IS REQUIRED TO BE SEALED. (2012 IRC SECTION N1102.4.1 AND TABLE N1102.4.1.1)

ALL DUCTS, AIR HANDLERS, FILTER BOXES, AND BUILDING CAVITIES USED AS DUCTS SHALL BE SEALED. (2012 IRC SECTION N1103.2.2).

ATTIC VENTILATION

2,020 SQ. FT. ATTIC AREA 2,020/300 = 7 SQ. FT. VENTABLE AREA

ROOF SHALL BE VENTED WITH THE USE OF RIDGE VENTS, TURTLE VENTS, OR OHAGEN VENTS IN CONJUNCTION WITH UNDER SOFFIT VENTS TO MEET OR EXCEED MINIMUM

NOTES:

VENTABLE AREA.

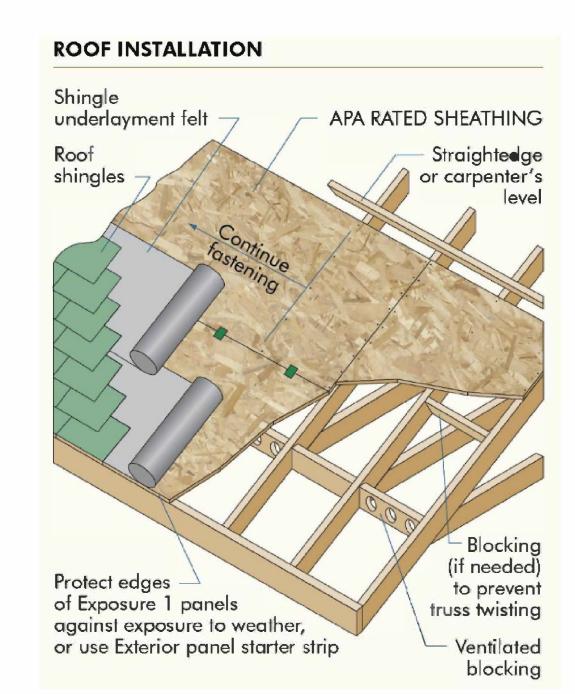
1. SHOP ENG'D & MANUF. TRUSSES @ 24" O.C.

2. ALL TRUSSES SHALL HAVE 4/12 PITCH, 12" OVERHANG, & (OPTIONAL) ENERGY TRUSS RAISED HEEL OF MIN. 6" (TYP.)

3. ALL BEARING WALL DOOR AND WINDOW HEADERS SHALL BE DOUBLE 2x10 WITH ONE TRIMMER & ONE KING STUD ON EACH SIDE. UNLESS NOTED OTHERWISE.

4. TRUSSES SHALL BE ATTACHED TO WALLS PER MANUFACTURERS SPECS.

5. THIS LAYOUT IS SCHEMATIC ONLY, REFER TO TRUSS MANUFACTURERS DRAWINGS FOR EXACT LAYOUT.



ROOF SCHEMATIC

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

QUICKPLANSFL@GMAIL.COM WWW.QUICKPLANS.NET

**QUICK PLANS** THOMAS WARD E-MAIL: PHONE: (435) 467-4046

TOM 6-1-2023

NOTED 792 SQ. FT. LIVING

OF 6 LOT#