

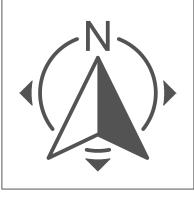
PROPOSED NEW HOUSE

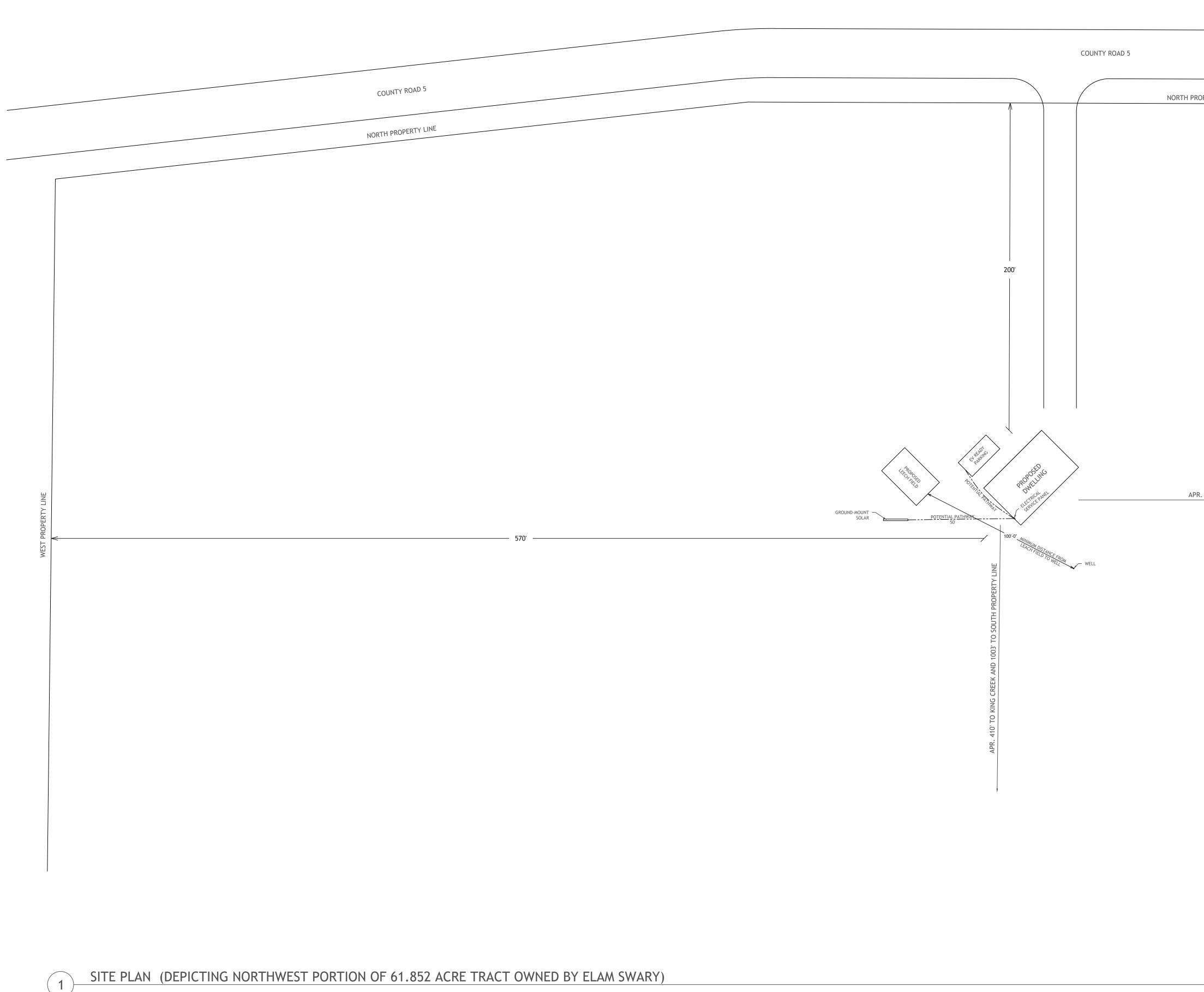
FOR

ELAM SWARY 6996 COUNTY ROAD FF LA JARA, CO 81140

| | 1. LOCATION: | TOPONAS, CO | | |
|------------|--|---|------|---|
| | 2. PROPOSED USE: | | | |
| | 3. CODES USED: | 2021 INTERNATIONAL RESIDENTIAL CODE 2021 INTERNATIONAL ENERGY CONSERVATION CODE 2021 INTERNATIONAL WILD-LAND URBAN INTERFACE CODE | | |
| | CONSTRUCTION TYPE: SPRINKLERS: | VB | | |
| | 6. STANDPIPES: | NO | | |
| | FIRE DISTRICT: 8. BUILDING HEIGHT: | NO 17' - 6" T.O. CONCRETE FLOOR TO RIDGE | | |
| | 9. GROSS BUILDING AREA: | 1600 SQUARE FEET | | |
| | 10. PRIMARY OCCUPANCY: | | | |
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| | | DESIGN | CRIT | ERIA |
| | | | | |
| GENE | RAL | | FOUN | DATION |
| 1. | DESIGN LIVE LOADS: Roof Live Load - 90 psf, Wine | d Speed - 100 mph, Exposure C, Seismic Design Category B. | 1. | Maximum allowable so authorization for use |
| 2. | RESPONSIBILITY: The contractor is responsible fo | | | soil values and require excavation (and befor |
| | construction or the integrity of the finished prod | or discrepancies exist that might adversely affect uct. | | assumed values. Delir foundation on improp |
| 3. | These plans are intended to be in accordance wi is to be in conformance with these codes. | th the 2021 International Residential Code. All construction | 2. | Drainage and grading |
| 4. | | or face of foundation wall unless noted otherwise. Do not | | backfill against any for securely anchored, or |
| ٦. | | tractor to verify all dimensions prior to commencing work. | 3. | All construction and r |
| 5. | | neans and methods are the responsibility of the contractor. / requirements or building methods contained in these dard. | 4. | Reinforcing bar to be diameters minimum. |
| 6. | Location of the utilities (electrical, telephone, ca construction begins. | able TV, gas, water, sewer) shall be verified before | 5. | Minimum concrete 28 slabs. |
| 7. | | the components of the work should be done differently d conditions to be verified by the contractor prior to nd/or engineer. | 6. | Consolidate concrete joints. |
| 8. | Building is not conditioned. Electric, water, and plans. | heat are not provided by the contractor recorded on these | 7. | Provide 1/2" diameter to foundation (UNO). galvanized anchor bol specified elevations. |
| | | | 8. | Slab surfaces to be le not exceeding 1/8" in |
| <u>W00</u> | D FRAMING | | 9. | Provide 1" deep toole |
| 1. | Framing plans show structural requirements only nailers and code requirements. | . Additional members may be required for blocking, | | |
| 2. | | with concrete- California Foundation Grade Redwood or alvanized anchor bolts with pressure treated plates. | | |
| 3. | Maintain 6" clearance between untreated wood o | r siding and soils at finish grade. | | |
| 4. | All floor and roof plywood place with 8' dimensio | n perpendicular to framing with end joints staggered. | | |
| 5. | Wall studs to be continuous from floor to floor, of firestop blocking at 10' max intervals in any wall | r floor to roof. Balloon frame all gable walls. Provide with studs over 10' height. | | |
| 6. | All connector callouts to be Simpson Strong-Tie of manufacturer's instructions. | or equal by Simpson Strong-Tie Company, Inc. Install per | | |
| 7. | Lumber: | | | |
| | | ents of the American Society of Timber Construction and "National Design Specification for Wood Construction." | | |
| | All lumber shall be #2 SPF or better for loa with COC PS 20. | ad supporting identified by the grade marks and complying | | |
| | All lumber exposed to ground contact or ir American Wood Preservers' Association Sta | nsect infestation shall be treated according to the the ndards, .60 ACQ MIN. | | |
| | Treated lumber is dried to 19% moisture co | ontent after treating. | | |
| | All pre-engineered components, i.e. trusse specifications. | es, floor joists, etc., shall be installed per manufacturer | | |
| | TJI and MicroLam (ML) are products by Tru Multiple ML's glue and nail together with (| ns Joist MacMillan.Install per manufacturer's instructions. 2) rows 16d @12"oc (UNO). | | |
| | Fastening schedule shall be in accordance | with Table R602.3(1), unless noted otherwise. | | |
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SHEET INDEX esign Company DELINEATORS PLUS 10 COUNTY ROAD 22 CRAIG, CO 81625 CS-1 Cover Sheet PH. (970) 291-8457 A-200 Floor & Roof Plan ivan@delineatorsplus.com A-300 Exterior Elevations A-400 Sections S-1 Foundation Engineering Consultant: S-2 Roof Framing Plan Stamp & Signature: REVIEWED FOR CODE COMPLIANCE 08/15/2024 wable soil bearing pressure = 2000 psf. When soils report has been obtained, proper for use of the report or its recommendations are the responsibility of the owner. Changing requirements may affect grading, concrete. We recommend a soils engineer verify during nd before construction of any part of the foundation) that soils types and conditions warrant . Delineators Plus is not responsible for structural issues resulting from the placement of Owner Name & Address: improperly assumed soils. ELAM SWARY grading details shall divert surface drainage at least 10' away from the structure. Do not 6996 COUNTY ROAD FF t any foundation or retaining wall until all supporting floor and slab systems are in place and pred, or other adequate wall support is provided. LA JARA, CO 81140 n and materials to conform with ACI 318. r to be deformed 60 ksi steel (per ASTM A-615). Lap all rebar splices and corners 38 bar Project Address: rete 28 day compressive strength = 3500psi for walls, footers, and pads, and 4000psi for 32755 COUNTY ROAD 5 TOPONAS, CO 80479 oncrete per ACI 309. Cast in place concrete shall be poured continuously so as to prevent cold iameter by 10"min anchor bolts at 24" on center with an embedment of 7" to connect framing (UNO). Anchor bolts to be located not more than 12" from foundation corner (TYP). Use chor bolts with pressure treated plates. Finish all concrete wall tops to within 1/8" of Contractor Name & Address: o be left free from trowel marks, uniform in appearance, and with a surface plane tolerance 1/8" in 10'0" when tested with a 10' straightedge. tooled (or cut) control joints at approximately 10' on center in each direction. General Notes Revision/Issue Date No. Drawn By: IVAN ZOOK Date Issued: 4/17/2024 Drawing Number:





| | Design Company: DELINEATORS PLUS 10 COUNTY ROAD 22 CRAIG, CO 81625 |
|----------------------------------|---|
| | PH. (970) 291-8457 ivan@delineatorsplus.com |
| | Engineering Consultant: |
| H PROPERTY LINE | |
| | Stamp & Signature: |
| | |
| | |
| | Owner Name & Address: |
| | ELAM SWARY 6996 COUNTY ROAD FF LA JARA, CO 81140 |
| | Project Address: |
| | 32755 COUNTY ROAD 5 TOPONAS, CO 80479 |
| APR. 2064' TO EAST PROPERTY LINE | Contractor Name & Address: |
| | |
| | General Notes |
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| | No. Revision/Issue Date Drawn By: IVAN ZOOK |
| | Date Issued: 4/17/2024 |
| SCALE: 1/32" = 1'-0" | Drawing Number: |
| | |

WALL STYLES DEFINED

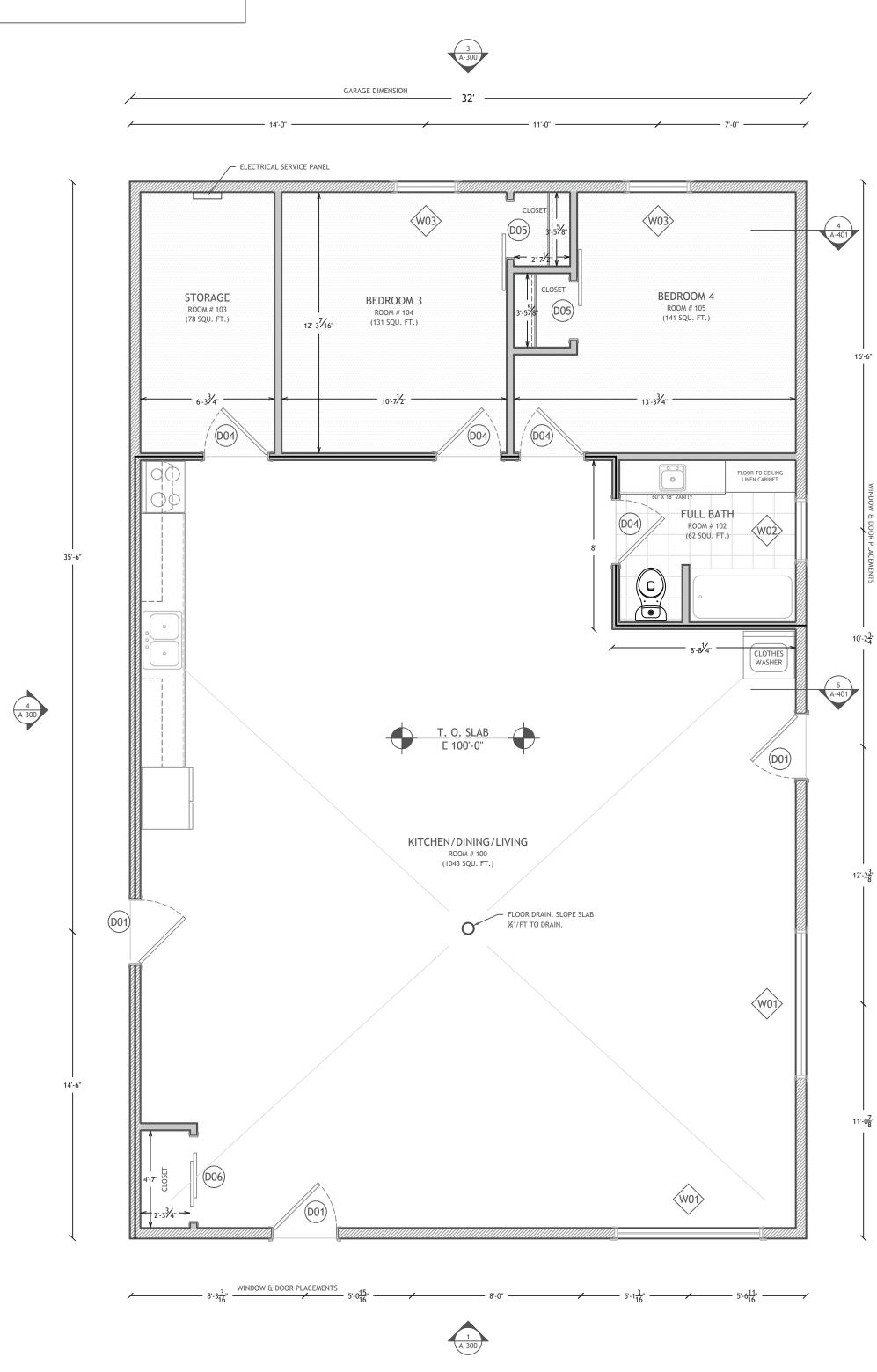
TYPICAL EXTERIOR WALL - 2X6 STUDS @ 16" O.C., w/ 4" CLOSED CELL FOAM (R-7/INCH = R28 TOTAL). ½" GYPSUM WALL BOARD ON INTERIOR SIDE OF WALL.

FIRE RATED WALL - 2X6 STUDS @ 16" O.C., w/ 4" CLOSED CELL FOAM (R-7/INCH = R28 TOTAL). WALL COVERING SHALL BE 5/8" TYPE X FIRE RESISTANT GYPSUM WALL BOARD ON INTERIOR SIDE.

TYPICAL INTERIOR WALL - 2X4 STUDS @ 16" O.C., NO INSULATION. %" GYPSUM WALL BOARD ON BOTH SIDES OF WALL.

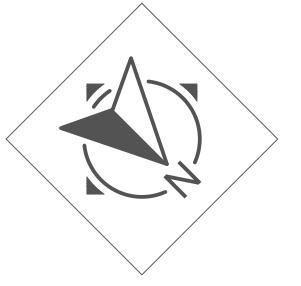
FIRE RATED WALL - 2X4 STUDS @ 16" O.C., OPTIONAL INSULATION. WALL COVERING SHALL BE 5/8" TYPE X FIRE RESISTANT GYPSUM WALL BOARD ON BOTH SIDES.

| | DOOR SCHEDULE (Refer to floor plan for door handing & operation) | | | | | |
|-----|---|--------------------------------|-----------------------------------|-----------|--------|----------------------------------|
| ID | SIZE | NOTES | LOCKSET TYPE | GLAZING | RATING | HEADER |
| D01 | 3'-0"W X 6'-8"H | EXTERIOR | KEYED ENTRY w/ OPTIONAL DEAD BOLT | HALF LITE | | (3) 2X10 w/ SINGLE JACK STUDS |
| D03 | 3'-0"W X 6'-8"H | EXTERIOR | KEYED ENTRY w/ OPTIONAL DEAD BOLT | NO GLASS | | (3) 2X10 w/ SINGLE JACK STUDS |
| D04 | 3'-0"W X 6'-8"H | INTERIOR | PRIVACY/PASSAGE | NO GLASS | | |
| D05 | 2'-8"W X 6'-8"H | INTERIOR, BARN STYLE SLIDER | PASSAGE | NO GLASS | | |
| D06 | 4'-0"W X 6'-8"H | INTERIOR, BY-PASS SLIDER | PASSAGE | NO GLASS | | |



LOWER LEVEL FLOOR PLAN **1**

| | WINDOW SCHEDULE | | | |
|-----|-----------------|---|---|--|
| | SIZE | ТҮРЕ | HEADER | |
| W01 | 7'-0"W X 4'-6"H | 3 LITE - 3'-6" X 5'-0" STATIONARY PICTURE CENTERED, HORIZONTAL SLIDES LEFT AND RIGHT | 3-PLY 11 ¼" LVL w/ TRIPLE JACK STUDS | |
| W02 | 3'-0"W X 3'-0"H | HORIZONTAL SLIDE | (3) 2X10 w/ SINGLE JACK STUDS | |
| W03 | 4'-0"W X 4'-0"H | HORIZONTAL SLIDE, EGRESS | (3) 2X10 w/ SINGLE JACK STUDS | |



50' <u>2</u> A-300

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| | FL | .OOR | PLAN | NOTES |
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- 1. FIRE RATED WALLS AS SPECIFIED ON THESE FLOOR PLANS ARE PROVIDED IN PREPARATION FOR A FUTURE ADDITION TO THIS STRUCTURE IN WHICH THIS STRUCTURE WILL THEN BECOME A GARAGE.
- BUILDING DIMENSIONS SHOWN ARE TO FACE OF FRAMING OR FACE OF FOUNDATION WALL UNLESS NOTED OTHERWISE. DIMENSIONS FOR WINDOW AND DOOR PLACEMENTS ARE FROM FACE OF FRAMING TO CENTER, OR CENTER TO CENTER OF WINDOWS AND DOORS.
- ALL EXTERIOR WALL FRAMING -2X6 STUDS @ 16" O.C. UNLESS NOTED OTHERWISE. ALL INTERIOR WALL FRAMING - 2X4 STUDS @ 16" O.C. UNLESS NOTED OTHERWISE. ALLOW 4 ½" FOR TOTAL WALL THICKNESS.
- . COORDINATE ALL INTERIOR FINISHES, CABINETS, FIXTURES AND EQUIPMENT WITH THE OWNER.
- PROVIDE MOISTURE RESISTANT GYPSUM WALL BOARD AT ALL DAMP LOCATIONS.
- PROVIDE LOW V.O.C. FINISH COATINGS AND FORMALDEHYDE-FREE
- SUBSTRATES WHERE POSSIBLE. PROVIDE BLOCKING IN WALLS FOR ALL SHELVING, CABINETS AND ACCESSORIES.
- 8. ALL GLAZING SHALL BE LOW-E, DUAL GLAZED INSULATED GLASS UNITS, MAX. U-FACTOR: 0.35
- 9. PROVIDE SAFETY GLAZING IN ALL LOCATIONS REQUIRED BY CODE.
- 10. PROVIDE EGRESS WINDOWS IN ALL BEDROOMS AS REQUIRED BY CODE.
- 11. INSULATE ALL GAPS AND SHIM SPACES IN EXTERIOR WALLS.
- 12. INSTALL ALL INTERIOR DOOR R.O. 3" FROM PERPENDICULAR WALL, U.N.O., TYPICAL.

ROOF PLAN NOTES PROVIDE CLASS-A RATED ROOFING,

- INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- PROVIDE WATERPROOF MEMBRANE UNDERLAYMENT OVER 100% OF ROOF DECK. INSTALL HIGH-TEMP COMPATIBLE MEMBRANE UNDER METAL ROOFING.
- PROVIDE CONTINUOUS VENT STRIP AT ALL EAVES, CONTINUOUS PRE-MANUFACTURED RIDGE VENTS AND CONTINUOUR PRE-MANUFACTURED SIDE WALL VENTS TO ALLOW FOR ROOF VENTILATION. MAINTAIN AIR FLOW ACROSS VALLEYS AND PITCH CHANGES, TYP.
- 4. ALL EXPOSED FLASHING AND DRIP EDGE SHALL BE PRE-FINISHED TO MATCH METAL ROOFING.

50'-0"

esign Company: DELINEATORS PLUS 10 COUNTY ROAD 22 CRAIG, CO 81625 PH. (970) 291-8457 ivan@delineatorsplus.com Engineering Consultant: Stamp & Signature: REVIEWED FOR CODE COMPLIANCE 08/15/2024 Owner Name & Address: ELAM SWARY 6996 COUNTY ROAD FF LA JARA, CO 81140 Project Address: 32755 COUNTY ROAD 5 TOPONAS, CO 80479 Contractor Name & Address: General Notes

> Revision/Issue Drawn By:

IVAN ZOOK

4/17/2024

Date

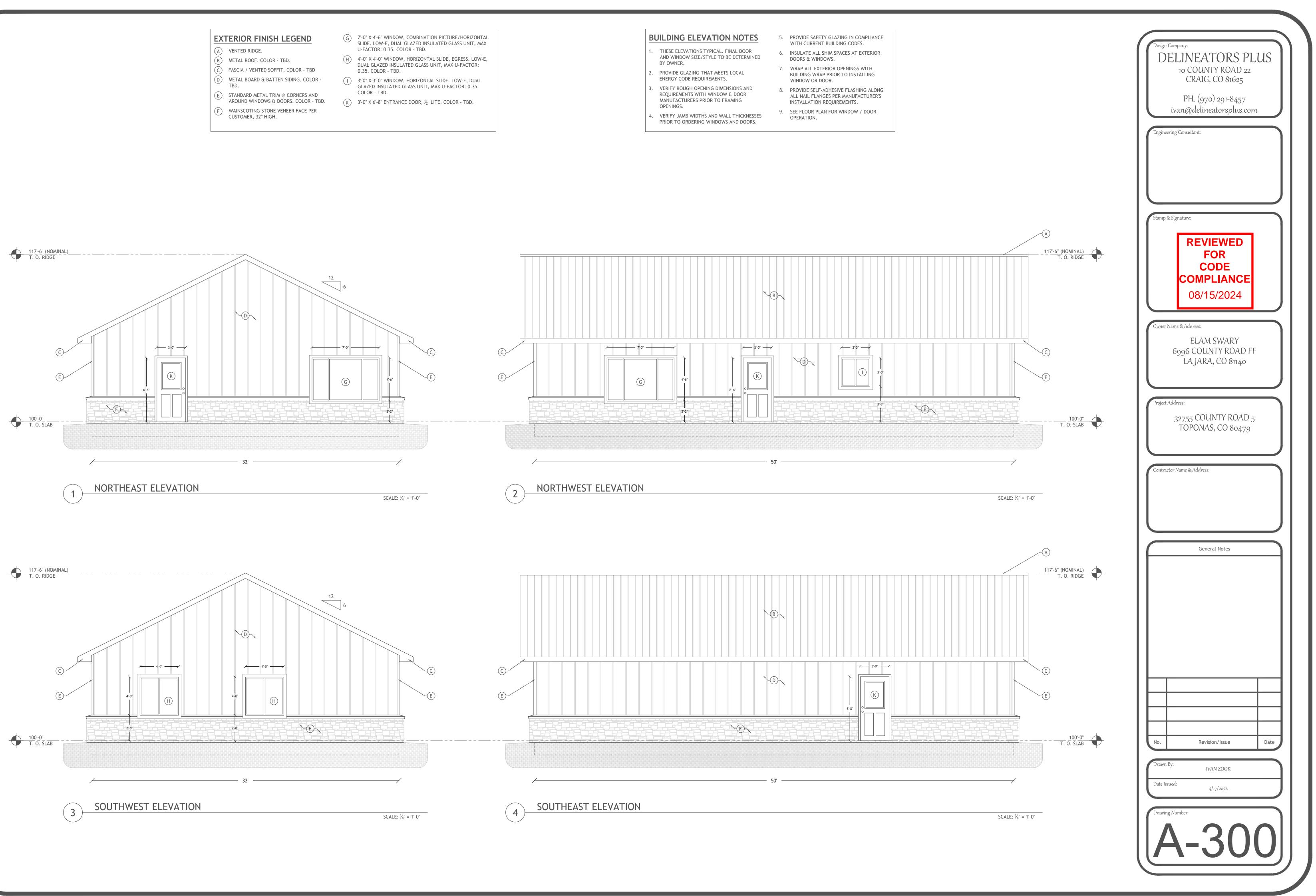
Date Issued:

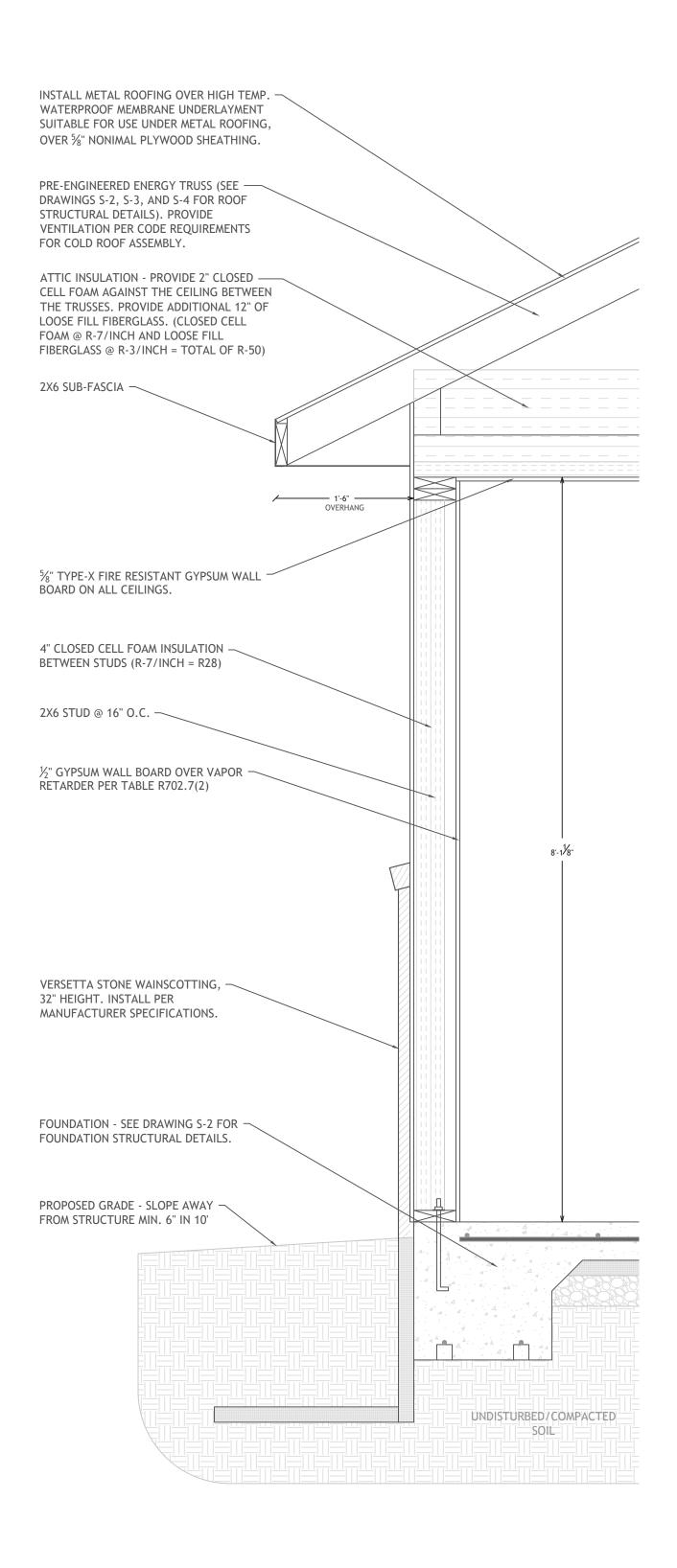
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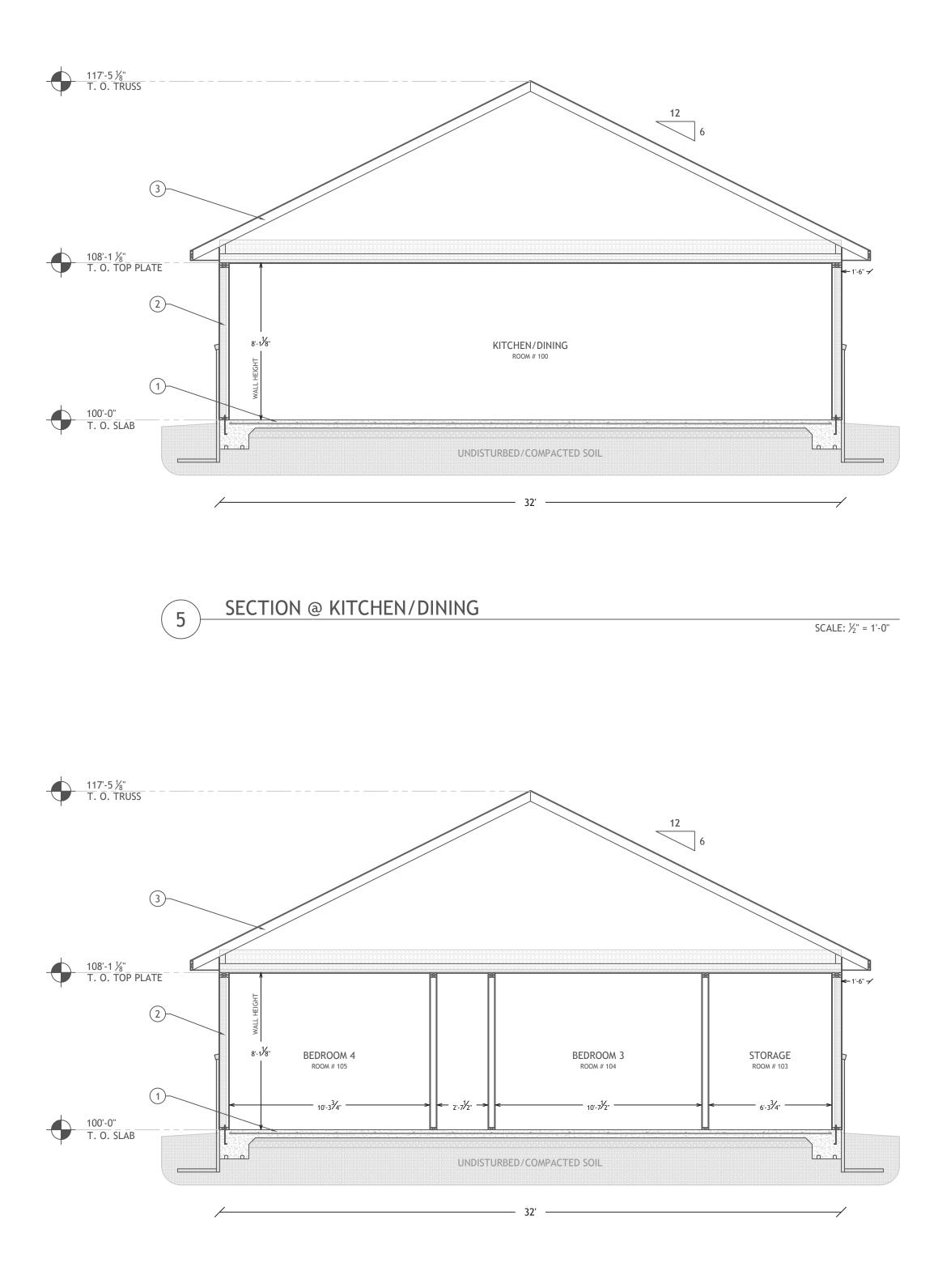
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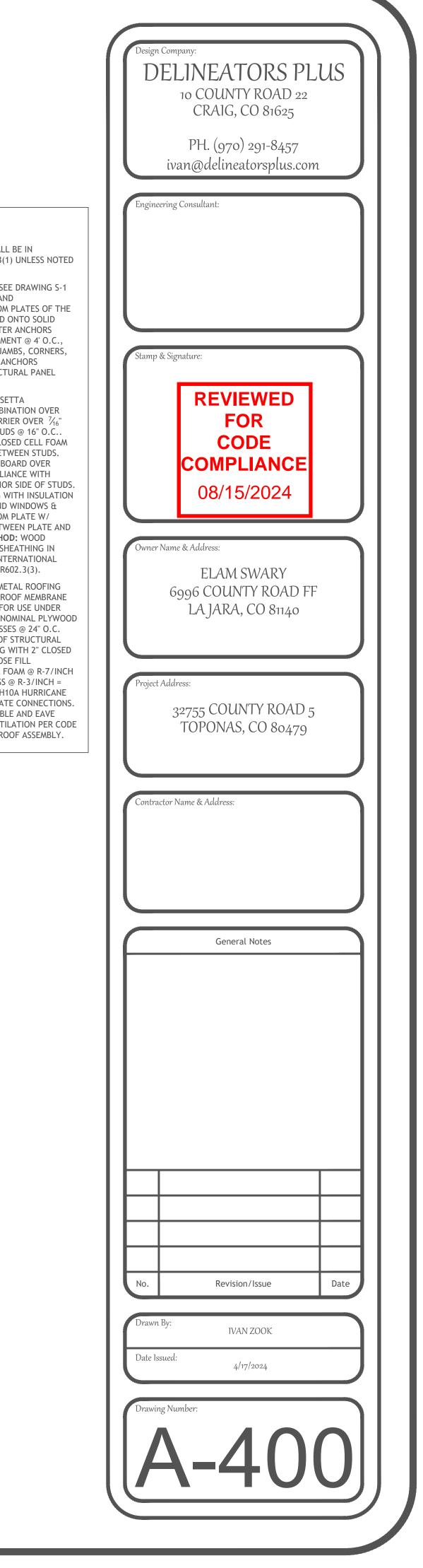
1 TYPICAL EXTERIOR WALL SECTION SCALE: 1/2" = 1'-0"



SECTION @ STORAGE, BEDROOM 3, & BEDROOM 4

4

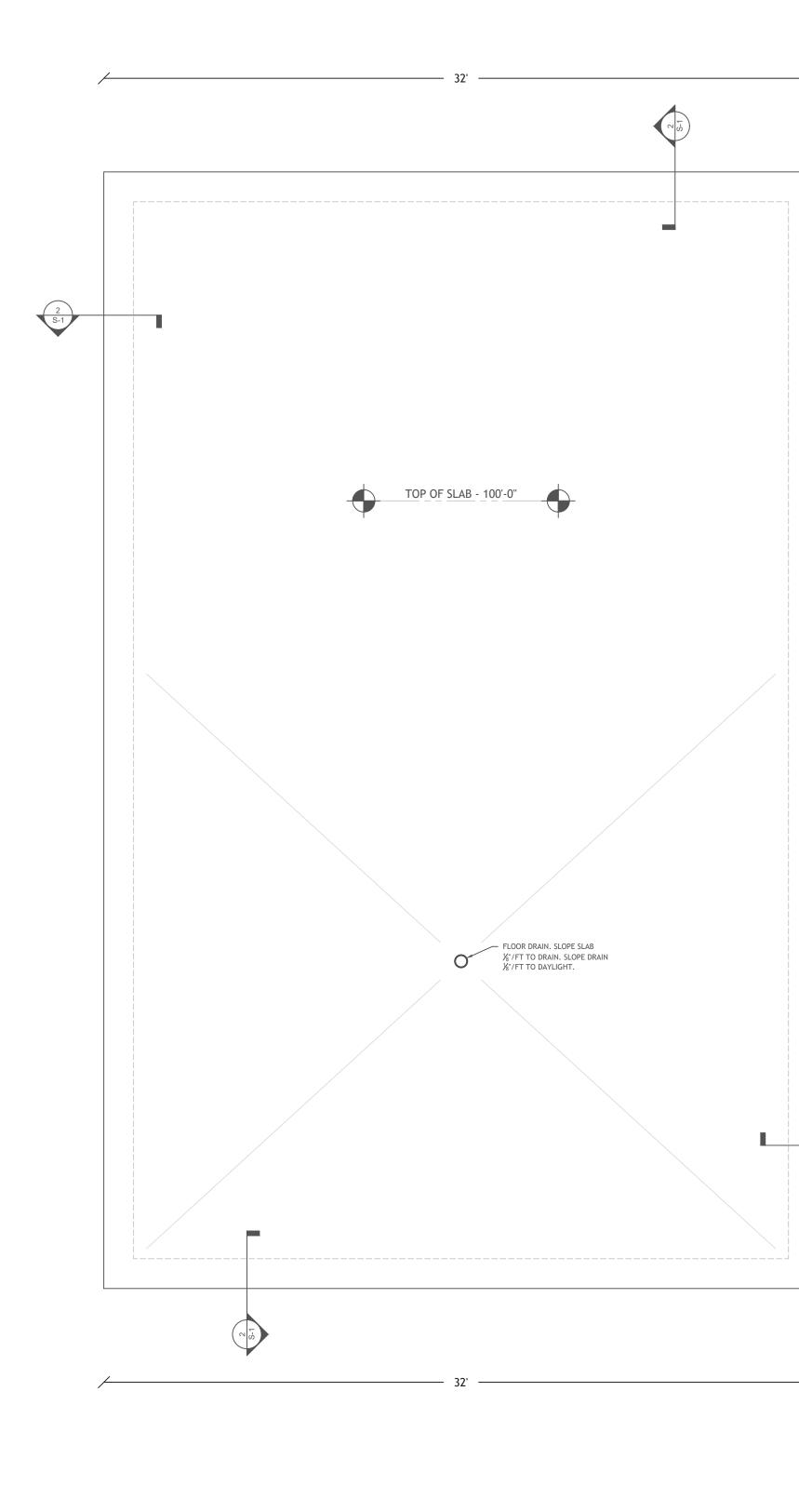
SCALE: ¹/₂" = 1'-0"



SECTION NOTES

NOTE: FASTENING SCHEDULE SHALL BE IN ACCORDANCE WITH TABLE R602.3(1) UNLESS NOTED OTHERWISE.

- 1 <u>CONCRETE FLOOR:</u> NOTE: SEE DRAWING S-1 FOR FOUNDATION DESIGN AND SPECIFICATIONS. PT BOTTOM PLATES OF THE WALLS SHALL BE ANCHORED ONTO SOLID CONCRETE WITH ½" DIAMETER ANCHORS HAVING 7" MINIMUM EMBEDMENT @ 4' O.C., AND WITHIN 12" OF DOOR JAMBS, CORNERS, AND SPLICES. MINIMUM (2) ANCHORS REQUIRED PER WALL STRUCTURAL PANEL SECTION.
- (2) EXTERIOR STUD WALL: VERSETTA STONE/METAL SIDING COMBINATION OVER BREATHABLE WEATHER BARRIER OVER $\frac{7}{16}$ " OSB SHEATHING ON 2X6 STUDS @ 16" O.C.. INSULATE WALL WITH 4" CLOSED CELL FOAM (R-7/INCH = R28 TOTAL) BETWEEN STUDS. PROVIDE ½" GYPSUM WALL BOARD OVER VAPOR RETARDER IN COMPLIANCE WITH TABLE R702.7(2) ON INTERIOR SIDE OF STUDS. FILL ALL VOIDS IN FRAMING WITH INSULATION AND SEAL ALL GAPS AROUND WINDOWS & DOORS. PROVIDE PT BOTTOM PLATE W/ APPROVED SILL SEALER BETWEEN PLATE AND CONCRETE. BRACING METHOD: WOOD STRUCTURAL PANEL WALL SHEATHING IN ACCORDANCE WITH 2018 INTERNATIONAL RESIDENTIAL CODE, TABLE R602.3(3).
- 3 ROOF ASSEMBLY: INSTALL METAL ROOFING OVER HIGH-TEMP. WATERPROOF MEMBRANE UNDERLAYMENT SUITABLE FOR USE UNDER METAL ROOFING, OVER ⁵/₈" NOMINAL PLYWOOD SHEATHING ON WOOD TRUSSES @ 24" O.C. (SEE DRAWING S-2 FOR ROOF STRUCTURAL DETAILS). INSULATE CEILING WITH 2" CLOSED CELL FOAM AND 12" OF LOOSE FILL FIBERGLASS. (CLOSED CELL FOAM @ R-7/INCH AND LOOSE FILL FIBERGLASS @ R-3/INCH = TOTAL OF R-50). PROVIDE H10A HURRICANE TIES FOR ALL TRUSS TO PLATE CONNECTIONS. SUB-FASCIA - 2X6 @ 12" GABLE AND EAVE OVERHANGS. PROVIDE VENTILATION PER CODE REQUIREMENTS FOR COLD ROOF ASSEMBLY.



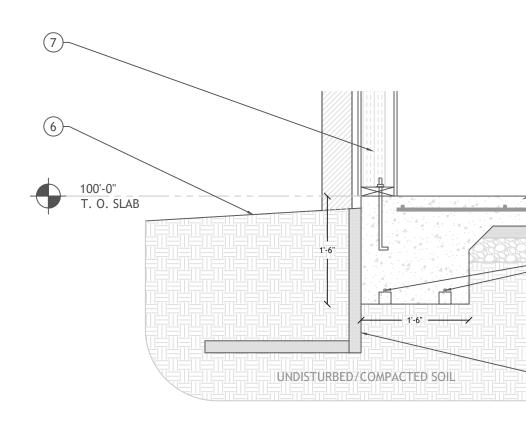
(1) FOUNDATION PLAN

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

2 S-1

STRUCTURAL NOTES

- 1 MONOLITHIC CONCRETE SLAB/FOOTER 5" THICK SLAB, 18" WIDE X 18" DEEP FOOTER. PT BOTTOM PLATES OF THE WALLS SHALL BE ANCHORED WITH ½" DIAMETER ANCHORS HAVING 7" MINIMUM EMBEDMENT @ 4' O.C., AND WITHIN 12" OF DOOR JAMBS, CORNERS, AND SPLICES. ALL PANELS ARE CONTINUOUSLY SHEATHED AND EACH PANEL SHALL HAVE MINIMUM (2) ANCHORS.
- 2 #4 REBAR GRID 24" O.C. EACH WAY, PLACED MIDWAY VERTICALLY IN ENTIRE SLAB.
- (3) 2" FOAM INSULATION OVER 4" GRAVEL BASE.
- (4) (2) #4 REBAR ON CHAIR SUPPORTS AT BOTTOM OF FOOTER.
- 5 PROVIDE MIN. R-14 INSULATION AT FOUNDATION PERIMETER AS SHOWN, 24" DOWN FROM TOP OF SLAB AND 24" OUT. A PROTECTIVE COVERING SHALL COVER THE EXPOSED EXTERIOR INSULATION AND EXTEND NOT LESS THAN 6" BELOW GRADE AS PER R303.2.1, PROTECTION OF EXPOSED FOUNDATION INSULATION.
- 6 PROPOSED GRADE. MAY NOT REFLECT ACTUAL SITE CONDITIONS. SLOPE GRADE AWAY FROM STRUCTURE MIN. 6" IN THE FIRST 10'.
- 7 TYPICAL EXTERIOR WALL $\frac{7}{16}$ " APA RATED EXP. 1 SHEATHING OVER 2X6 STUDS @ 24" O.C.



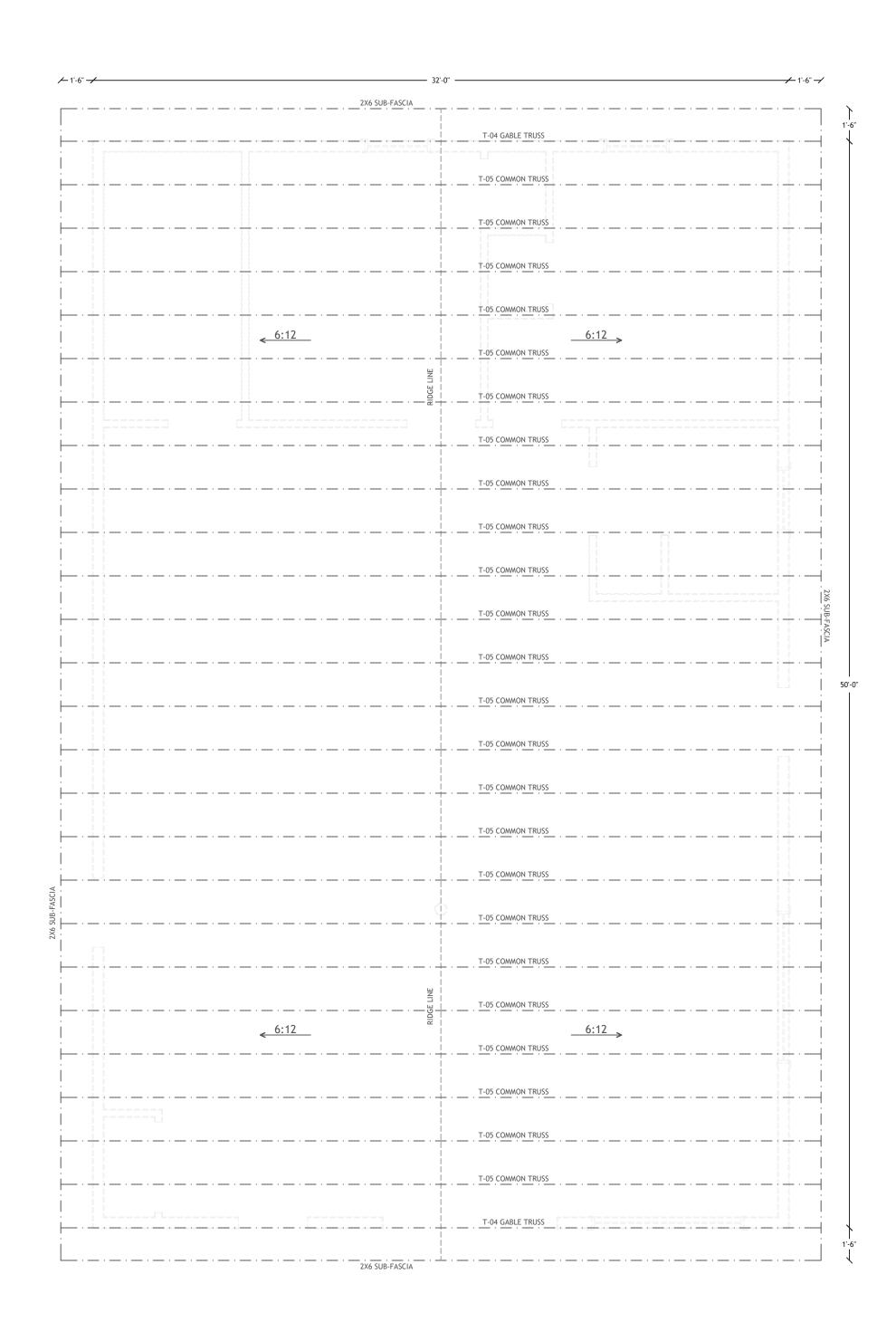


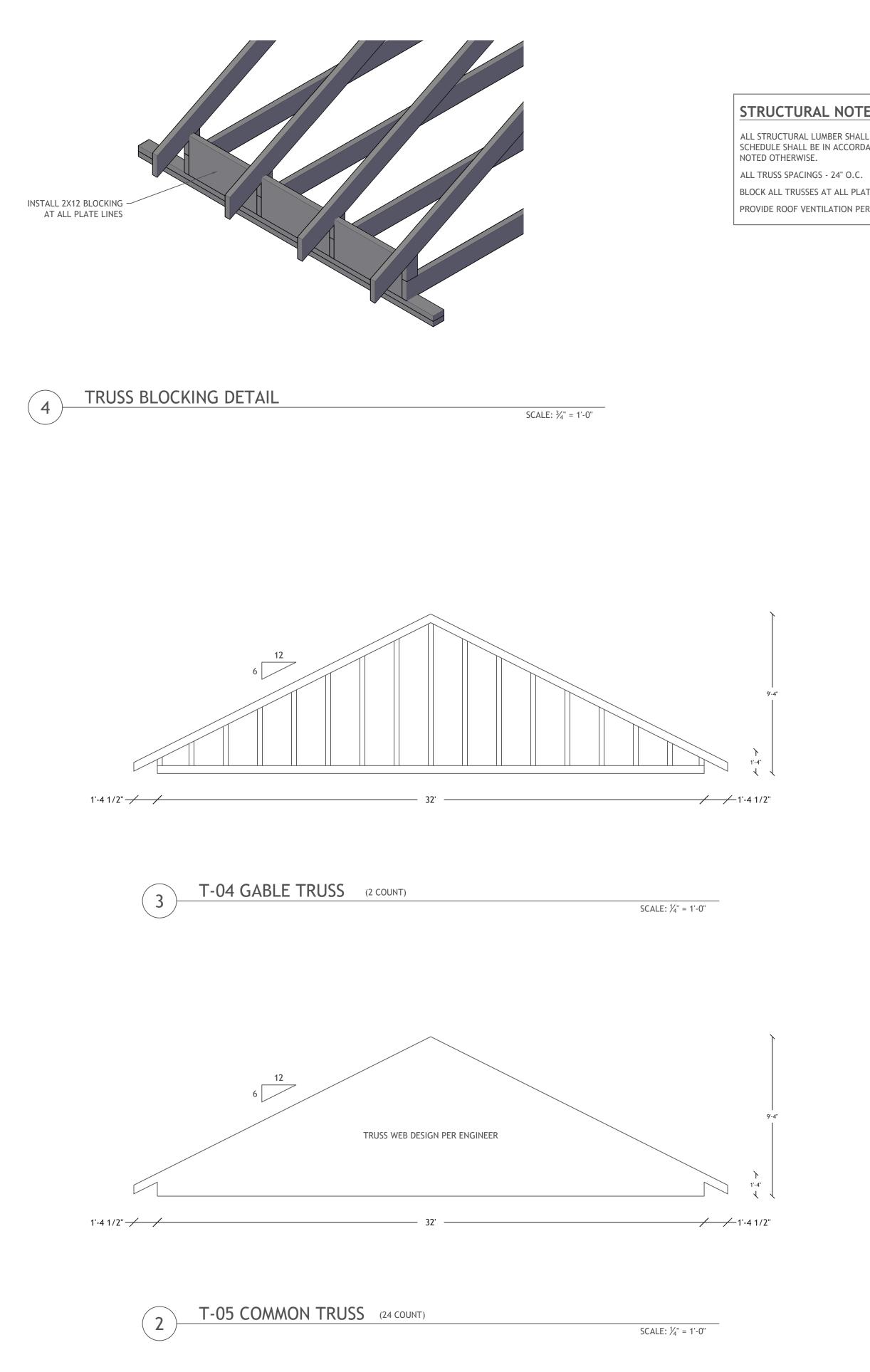
PERIMETER SECTION

| | Design Company: DELINEATORS PLUS 10 COUNTY ROAD 22 |
|--|---|
| | CRAIG, CO 81625 PH. (970) 291-8457 ivan@delineatorsplus.com |
| | Engineering Consultant: |
| | |
| | Stamp & Signature: |
| | REVIEWED FOR CODE COMPLIANCE |
| | 08/15/2024 Owner Name & Address: |
| | ELAM SWARY 6996 COUNTY ROAD FF LA JARA, CO 81140 |
| | Project Address: 32755 COUNTY ROAD 5 TOPONAS, CO 80479 |
| | Contractor Name & Address: |
| | |
| | General Notes |
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| SCALE: ³ / ₄ " = 1'-0" | No. Revision/Issue Date |
| | Date Issued: 4/17/2024 |
| | Drawing Number: |
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ROOF FRAMING PLAN

SCALE: 1⁄4" = 1'-0"





STRUCTURAL NOTES

ALL STRUCTURAL LUMBER SHALL BE #2 OR BETTER. FASTENING SCHEDULE SHALL BE IN ACCORDANCE WITH TABLE R602.3(1) UNLESS

BLOCK ALL TRUSSES AT ALL PLATE LINES. PROVIDE ROOF VENTILATION PER CODE.

| Design Company: |
|--|
| DELINEATORS PLUS |
| 10 COUNTY ROAD 22 CRAIG, CO 81625 |
| 1 11 |
| PH. (970) 291-8457 ivan@delineatorsplus.com |
| ivan@delineatorsplus.com |
| Engineering Consultant: |
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| 32755 COUNTY ROAD 5 TOPONAS, CO 80479 |
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| Contractor Name & Address: |
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| General Notes |
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