ABBREVIATIONS

- ACC.
 BWL.
 BWP.
 C.O.
 C.J.
 CLOS. ACCESS
 BRACED WALL LINE
 BRACED WALL PANEL
 CASED OPENING CEILING JOIST CLOSET
- COL. CONCRETE COMPOSITION
- CONC. CONT. C.M.A. D.H. CONTINUOUS
 CARBON MONOXIDE ALARM
 CARSONRY UNIT CONCRETE MASONRY DOUBLE HUNG
- XY. **EXHAUST** DOUBLE JOIST
- EXT. FIG. FOOTING FLOOR JOIST EXTERIOR
- Ξ H.B. G.F.I. HOSE BIB GROUND FAULT INTERRUPTER LAMINATED VENEER LUMBER
- MASONRY OPENING
- M.C. **M**.0. MAX. MAS. MASONRY MEDICINE CABINET MAXIMUM
- 0.C. ĭ Z MTL. ON CENTER
 ORIENTED STRAND I METAL MINIMUM
- REC. PERF OSB RECESSED PERFORATED BOARD
- S.D. REINF. SCR. SEC. SECOND SMOKE DETECTOR SCREENED REINFORCED
- SOUTHERN YELLOW PINE SPRUCE/PINE/FIR SHOWER

S.P.F. S.Y.P. SHWR

- U.O.N. SUSP. ₹. TYPICAL UNLESS OTHERWISE SUSPENDED
- WASH. WASHER WATER HEATER
- ¥.P. .¥ .∓ WEATHER PROOF
- ₩.W.M. WELDED WIRE MESH
- WDW. HT. WINDOW HEIGHT
- WOOD

SYMBOLS

- **SWITCH** HOSE BIB
- 3-WAY SWITCH
- \diamondsuit LIGHT FIXTURE EXHAUST FAN & LIGHT
- Δ SHOWER HEAD SMOKE DETECTOR
- CONVENIENCE OUTLET TELEPHONE JACK
- GROUND FAULT INTERRUPTER 220 VOLT OUTLET
- CEILING FAN
- CARBON MONOXIDE ALARM

Standard

7200

SUNSET

F F F F

ROAD
SEE HOME DESIG

COPYRIGHT

GENERAL

NOTES

AND

SPECIFICATIONS

THIS PLAN IS PROTECTED UNDER THE FEDERAL COPYRIGHT ACT. REPRODUCTION IN WHOLE OR IN PART, INCLUDING DIRECT COPYING AND/OR PREPARATION OF DERIVATIVE WORKS, FOR ANY REASON WITHOUT THE PRIOR WRITTEN CONSENT FROM STANDARD HOMES PLAN SERVICE, INC. IS STRICTLY PROHIBITED.

ORIGINAL SEE ATTACHED CONSTRUCTION LICENSE FOR INVOICE NUMBER 13015. **PURCHASE** AGREEMENT

BUILDING CODE INFORMATION

THIS PLAN HAS BEEN DRAWN TO CONFORM TO THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION (2015 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, CURRENT EDITION) WITH AMENDMENTS UNLESS OTHERWISE NOTED. (SEE ATTACHMENTS)

PRIOR 70 CONSTRUCTION

THE CONTRACTOR SHALL REVIEW THE PLAN(S) FOR THIS PARTICULAR BUILDING PROJECT TO ENSURE COMPLIANCE WITH ALL NATIONAL, STATE AND LOCAL CODES, CLIMATIC GEOGRAPHIC DESIGN CRITERIA, AND ANY OTHER PROVISIONS THAT MAY BE REQUIRED BY VA/FHA/RD.

THE CONTRACTOR SHALL VERIFY PLAN DIMENSIONS, STRUCTURAL COMPONENTS, AND GENERAL SPECIFICATIONS CONTAINED IN THIS SET OF PLANS AND REPORT ANY DISCREPANCIES TO STANDARD HOMES PLAN SERVICE, INC. FOR JUSTIFICATION OR CORRECTION BEFORE PROCEEDING WITH WORK ON HOUSE.

THE CONTRACTOR SHALL DETERMINE ROUGH OPENING SIZES FOR ALL BUILT—IN EQUIPMENT AND/OR FACILITIES AND ADJUST PLAN DIMENSIONS AS REQUIRED.

DO NOT SCALE FROM BLUEPRINTS. REFER TO THE LABELED DIMENSIONS FOR ACTUAL MEASUREMENTS.

IT SHALL BE THE RESPONSIBILITY OF THE OWNER/BUILDER TO PROVIDE FOR THE SERVICES OF A PROFESSIONAL ENGINEER IF REQUIRED BY THE BUILDING CODE OFFICIAL.

SHIPPING DATE 06-22-2022

STAMP MUST APPEAR IN RED. PLANS FOR WHICH A BUILDING PERMIT HAS NOT BEEN OBTAINED ONE YEAR FROM THE ABOVE DATE IS SUBJECT TO REVIEW BY STANDARD HOMES PLAN SERVICE, INC. A FEE MAY BE CHARGED FOR THIS SERVICE.

EXCAVATION

EXCAVATE TO UNDISTURBED SOIL. BOTTOM OF FOOTING SHALL EXTEND BELOW LOCAL FROST LINE AND TO A MINIMUM DEPTH OF 12" BELOW ADJACENT GRADE. (PRESUMED 2000 PSF SOIL BEARING CAPACITY).

EXPANSIVE, COMPRESSIVE OR SHIFTING SOILS SHALL BE REMOVED TO A DEPTH AND WIDTH SUFFICIENT TO ASSUME A STABLE MOISTURE CONTENT IN EACH ACTIVE ZONE.

FOUNDATION

PROVIDE 1/2" DIA. STEEL ANCHOR BOLTS 6'-0" O.C., 1'-0" MAX. FROM CORNERS AND 1'-0" MAX. FROM ENDS OF EACH PLATE SECTION, WITH 7" MIN. EMBEDMENT.

SLOPE GRADE AWAY FROM FOUNDATION WALLS 6" MINIMUM WITHIN THE FIRST 10 FEET. PROVIDE FOUNDATION WATERPROOFING AND DRAIN WITH POSITIVE SLOPE TO OUTLET AS REQUIRED BY SITE CONDITIONS.

PROVIDE PRESSURE TREATED LUMBER FOR SILLS, PLATES, BANDS AND ANY LUMBER IN CONTACT WITH MASONRY.

PROVIDE APPROVED AND BONDED CHEMICAL SOIL TREATMENT AGAINST FUNGUS, TERMITES AND OTHER HARMFUL INSECTS.

CRAWL SPAC

ALL GIRDER JOINTS AND ENDS OF GIRDERS SHALL REST ON SOLID BEARINGS. FILL CORES OF HOLLOW MASONRY TO FOOTING WITH CONCRETE. FILL TOP COURSE CORES OF EXTERIOR FOUNDATION WALL WITH CONCRETE.

FOOTINGS SHALL EXTEND 6" AND SHALL BE 12" THICK UNDER GIRDER PIERS.

CHIMNEY FOOTING AND SHALL BE AT SHALL EXTEND 12" MINIMUM BEYOND EACH SIDE LEAST 12" THICK.

BASEMENT

ALL GIRDER JOINTS SHALL BREAK ON COLUMN CENTER LINES (STAGGERED) AND ENDS OF GIRDERS SHALL REST ON SOLID MASONRY. DOUBLE SILL AND USE LEDGER OVER ALL BASEMENT OPENINGS.

ALL BASE. SASH SHALL BE 18/20 2-LT. 3'-3 7/8" X 1'-11 15/16" 3420 HB.

FRAMING

ALL FLOOR JOISTS, CEILING JOISTS, RAFTERS, GIRDERS, HEADERS, SILLS AND BEAMS SHALL BE NO. 2 SPRUCE/PINE/FIR (S.P.F.) UNLESS OTHERWISE INDICATED.

ALL LOAD BEARING WALLS SHALL BE STUD GRADE SPRUCE/PINE/FIR (S.P.F.) UNLESS OTHERWISE INDICATED.

DESIGN SPECIFICATIONS FOR LAMINATED VENEER LUMBER (LVL) BEAMS AND HEADERS: CRANE . PORCEL POR GRADE: 2950Fb-2.0E BENDING Fb: 2950 MOE: 2.0 X 10⁶ SHEAR Fv: 290

SUPPORT FOR HEADERS:
HEADERS SHALL BE SUPPORTED ON EACH END WITH ONE OR MORE
JACK STUDS OR WITH APPROVED FRAMING ANCHORS IN ACCORDANCE
WITH BUILDING CODE (SEE PLAN). THE FULL—HEIGHT STUD ADJACENT
TO EACH END OF THE HEADER SHALL BE END NAILED TO EACH END
OF THE HEADER WITH FOUR—16D NAILS. SEE TABLE BELOW.

MINIMUM NUMBER IN EXTERIOR WALL OF FULL HEIGHT STUDS AT .S:

16 FT.	12 FT.	8 FT.	4 FT.	3 FEET OR LESS	HEADER SPAN (FEET)	
6	5	3	2	1	16	MAXIMUM STUD SPACING (INCHES
4	3	2	1	1	24	

CLIMATIC AND GEOGRAPHICAL DESIGN CRITERIA

ULTIMATE DESIGN WIND SPEED (MILES PER HOUR): 120 NOMINAL DESIGN WIND SPEED: 93 MPH
EXPOSURE CATEGORY "B" UNLESS OTHERWISE NOTED WINDOW DESIGN PRESSURE RATING: DP 25
COMPONENT AND CLADDING LOADS FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 30 FEET OR LESS: ROOF LIVE LOAD (POUNDS PER SQUARE FOOT) : 20 PSF

1011 C 1017 1010 1017 1010 1017	14.3, -15.0 15.5, -16.0
-	
194 -240	19.4, -24.0 21.2, -22.0

ASSUMED MEAN ROOF HEIGHT: 18'-5"

SUBJECT TO DAMAGE FROM WEATHERING: MODERATE CLIMATE ZONES (UNLESS OTHERWISE NOTED): ZONES 3 AND 4 MINIMUM VALUES FOR ENERGY COMPLIANCE:
CEILING R-38; EXTERIOR WALLS R-15; FLOORS R-19
WINDOW U-FACTOR ≤ 0.35; RECOMMENDED SHGC ≤ 0.30 SEISMIC CONDITION BY ZONE : ZONES A AND B

MISCELLANEOUS

LOCATE ALL CONVENIENCE OUTLETS ABOVE KITCHEN BASE CABINETS 42" ABOVE FINISHED FLOOR.

EMERGENCY EGRESS REQUIREMENTS

IT SHALL BE THE RESPONSIBILITY OF THE OWNER/BUILDER TO VERIFY CONFORMITY WITH EGRESS REQUIREMENTS BASED ON SPECIFICATIONS PROVIDED BY WINDOW MANUFACTURER.

2018 NORTH CAROLINA RESIDENTIAL CODE
THE REQUIRED EGRESS WINDOW FROM EVERY SLEEPING ROOM SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE FINISHED FLOOR. THE NET CLEAR OPENING SHALL NOT BE LESS THAN 4.0 SQUARE FEET WHERE THE NET CLEAR OPENING HEIGHT SHALL BE AT LEAST 22 INCHES AND THE NET CLEAR OPENING WIDTH SHALL BE AT LEAST 20 INCHES. IN ADDITION THE MINIMUM TOTAL GLASS AREA SHALL NOT BE LESS THAN 5.0 SQUARE FEET IN THE CASE OF A GROUND STORY WINDOW AND NOT LESS THAN 5.7 SQUARE FEET IN THE CASE OF A SECOND STORY WINDOW.

THE REQUIRED EGRESS WINDOW FROM EVERY SLEEPING ROOM SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE FINISHED FLOOR. ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET EXCEPT GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET OPENING OF 5 SQUARE FEET. THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES. THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES 2015 INTERNATIONAL RESIDENTIAL CODE

TRUSS CONSTRUCTION
REVISED 03-03-21
REVISED 02-26-21

Homes FUQUAY—VARINA, PREVIEWS ONLINE AT WWW.ST. P lan 27526 DMES.COM Service (919)552– -5677



DESIGNED FOR

PLA

Š,

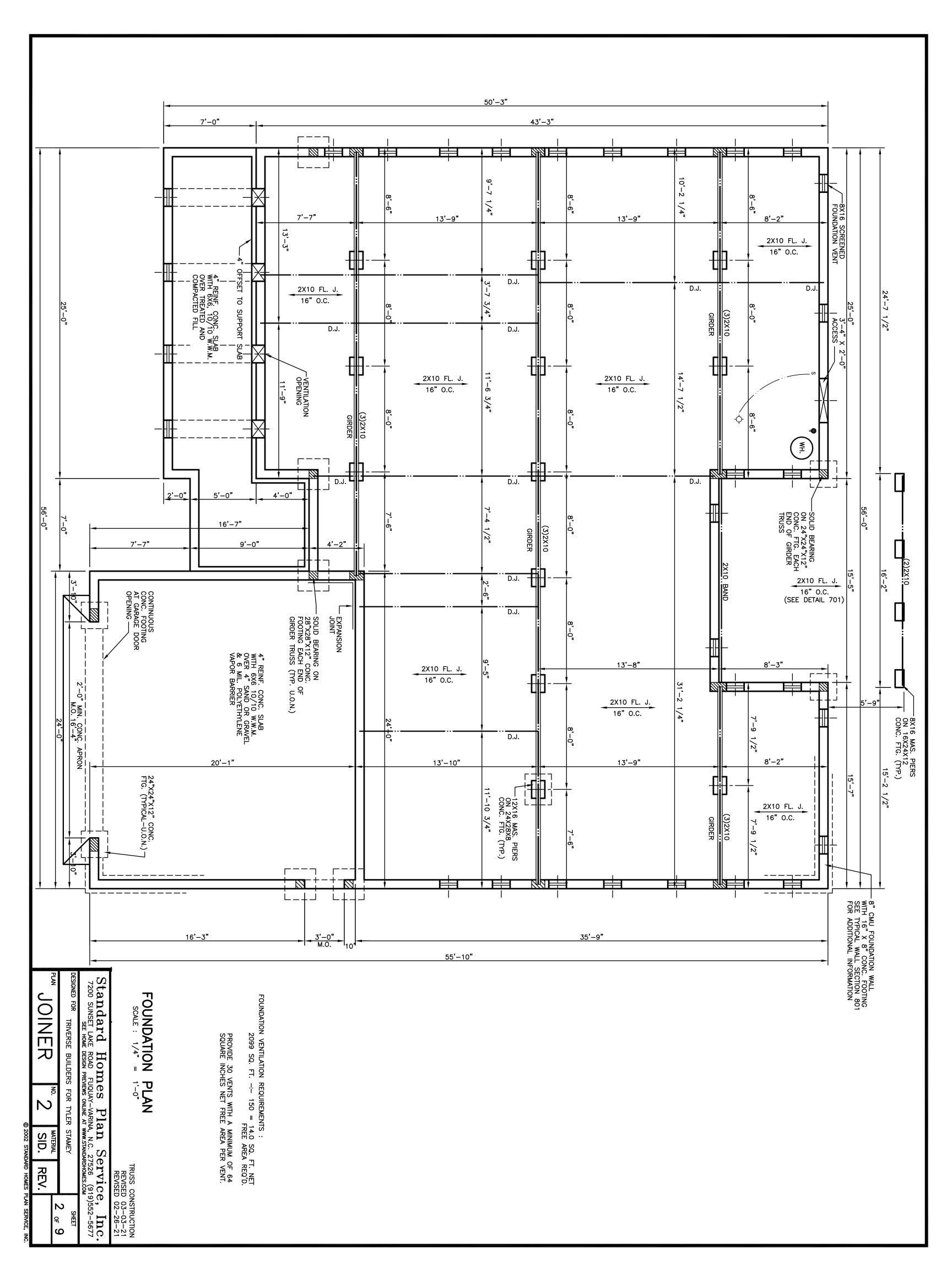
MAT'L.

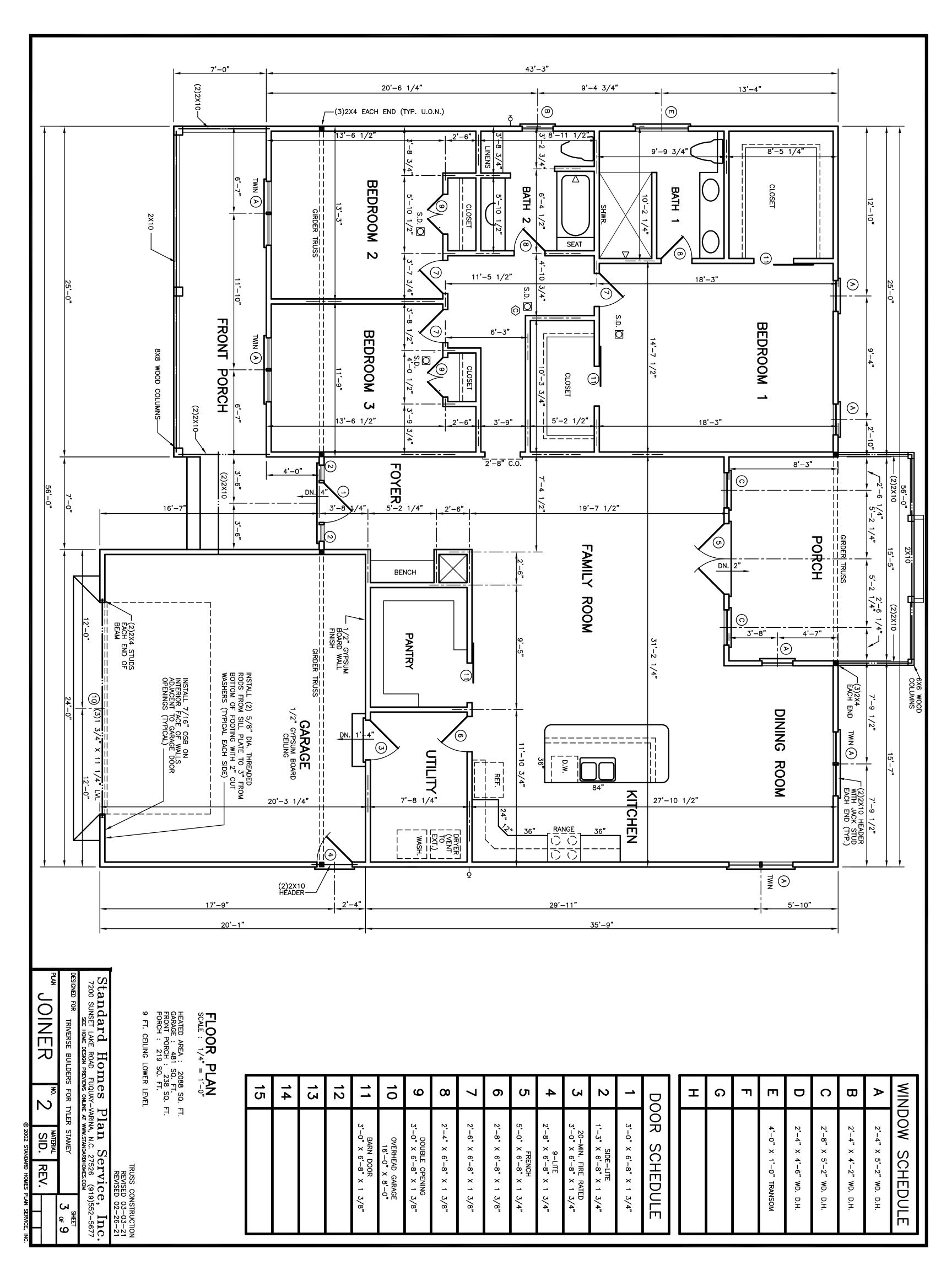
SHOWN

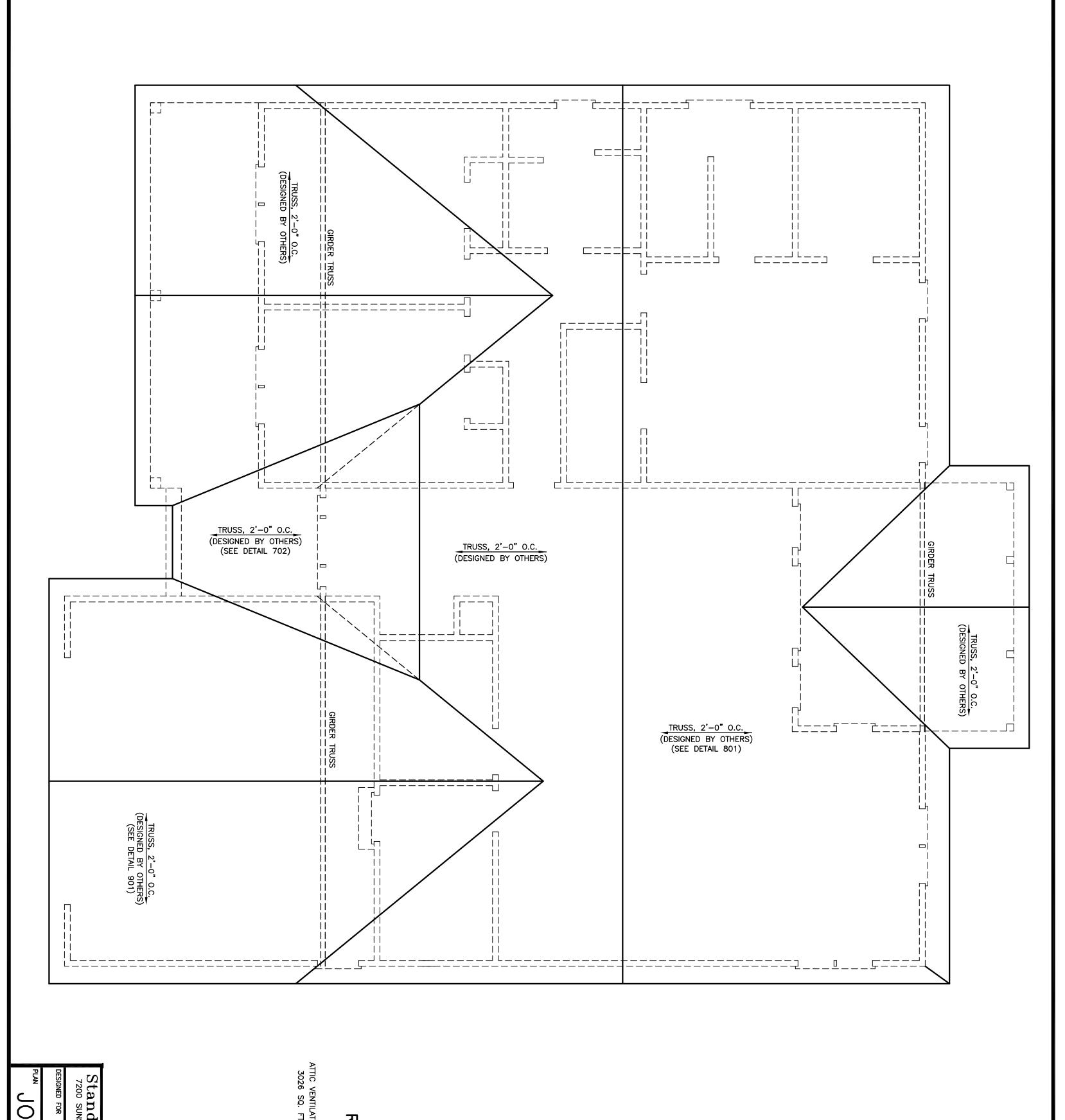
SHEET

of 9

JOINE N SID. REV.







ATTIC VENTILATION REQUIREMENTS:
3026 SQ. FT. -;— 150 = 20.2 SQ. FT. NET FREE AREA REQUIRED

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

JOINER

MATERIAL SID.

REV.

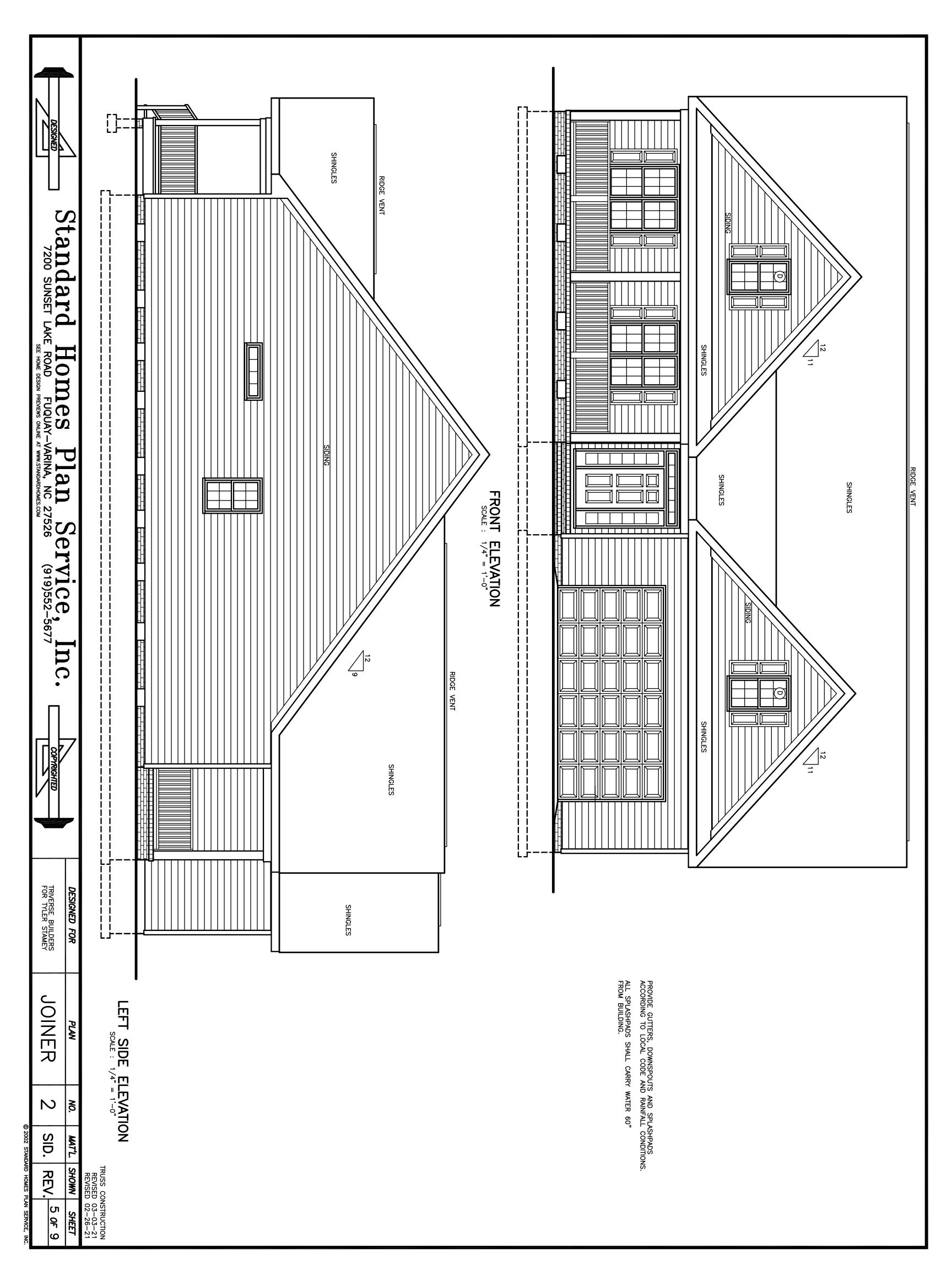
4 _ਿ 9

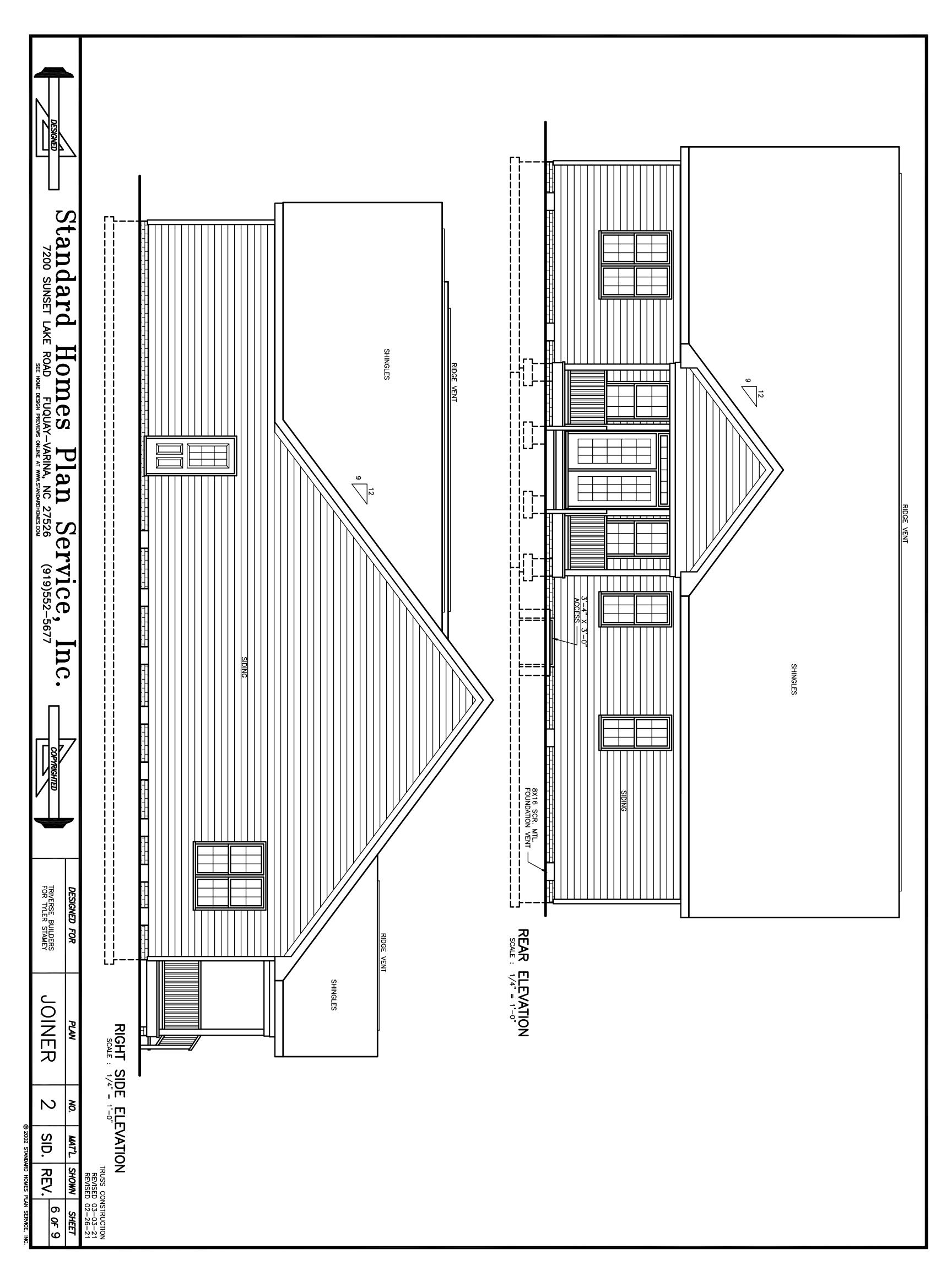
TRIVERSE BUILDERS FOR TYLER STAMEY

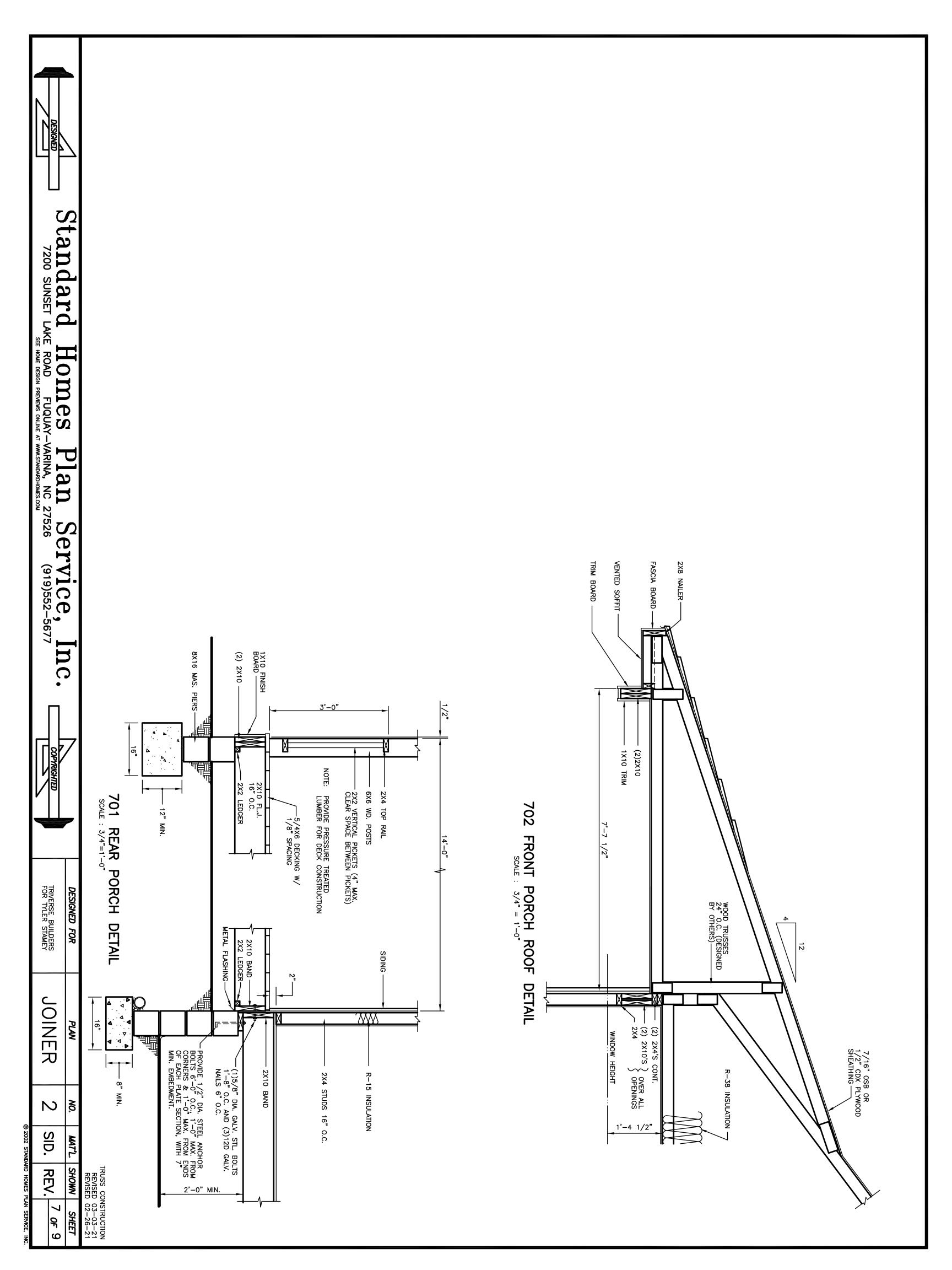
TRUSS CONSTRUCTION
REVISED 03-03-21
REVISED 02-26-21

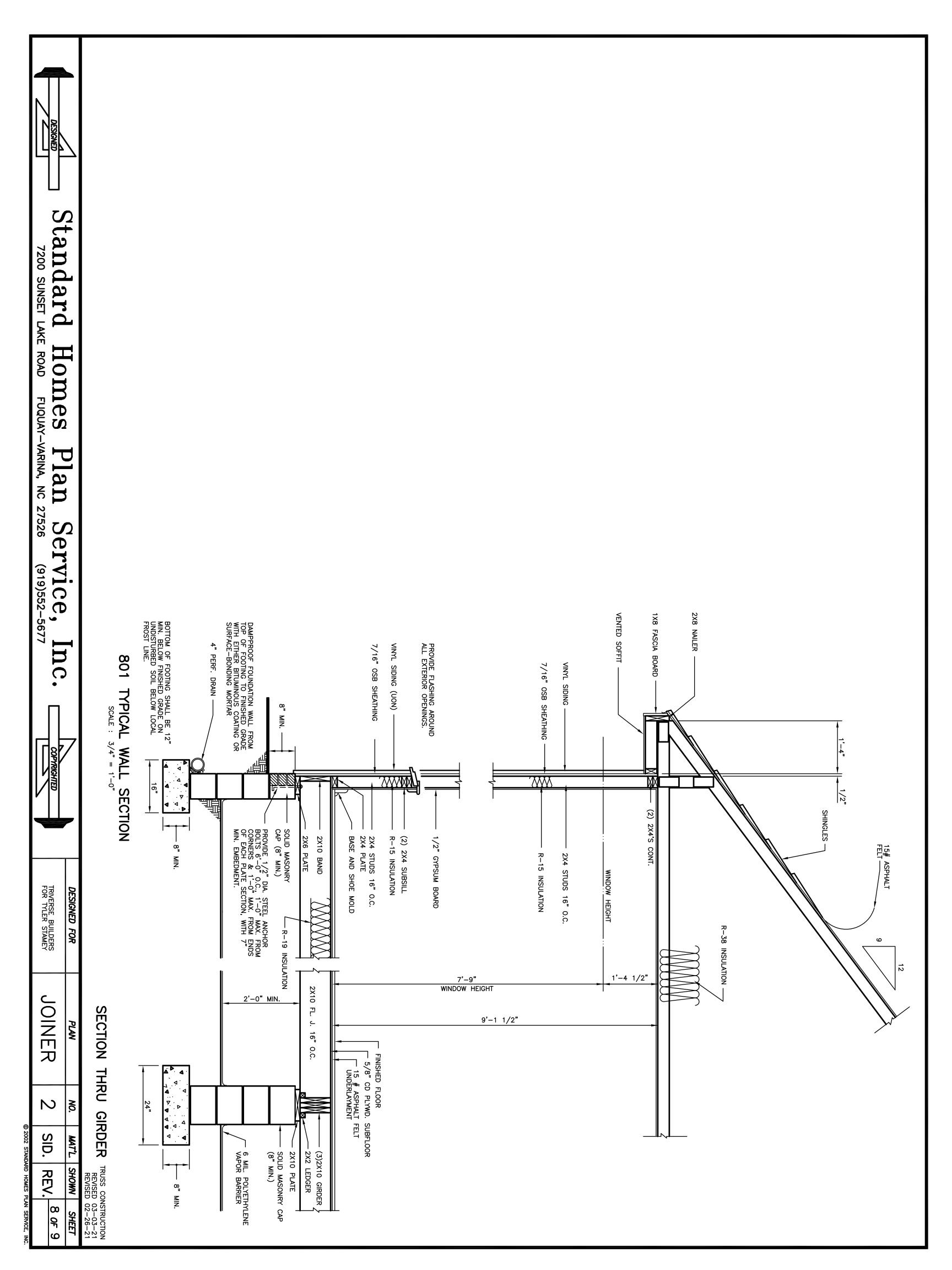
Standard Homes Plan Service, Inc.
7200 SUNSET LAKE ROAD FUQUAY-VARINA, N.C. 27526 (919)552-5677
SEE HOME DESIGN PREVIEWS ONLINE AT WWW.STANDARDHOMES.COM

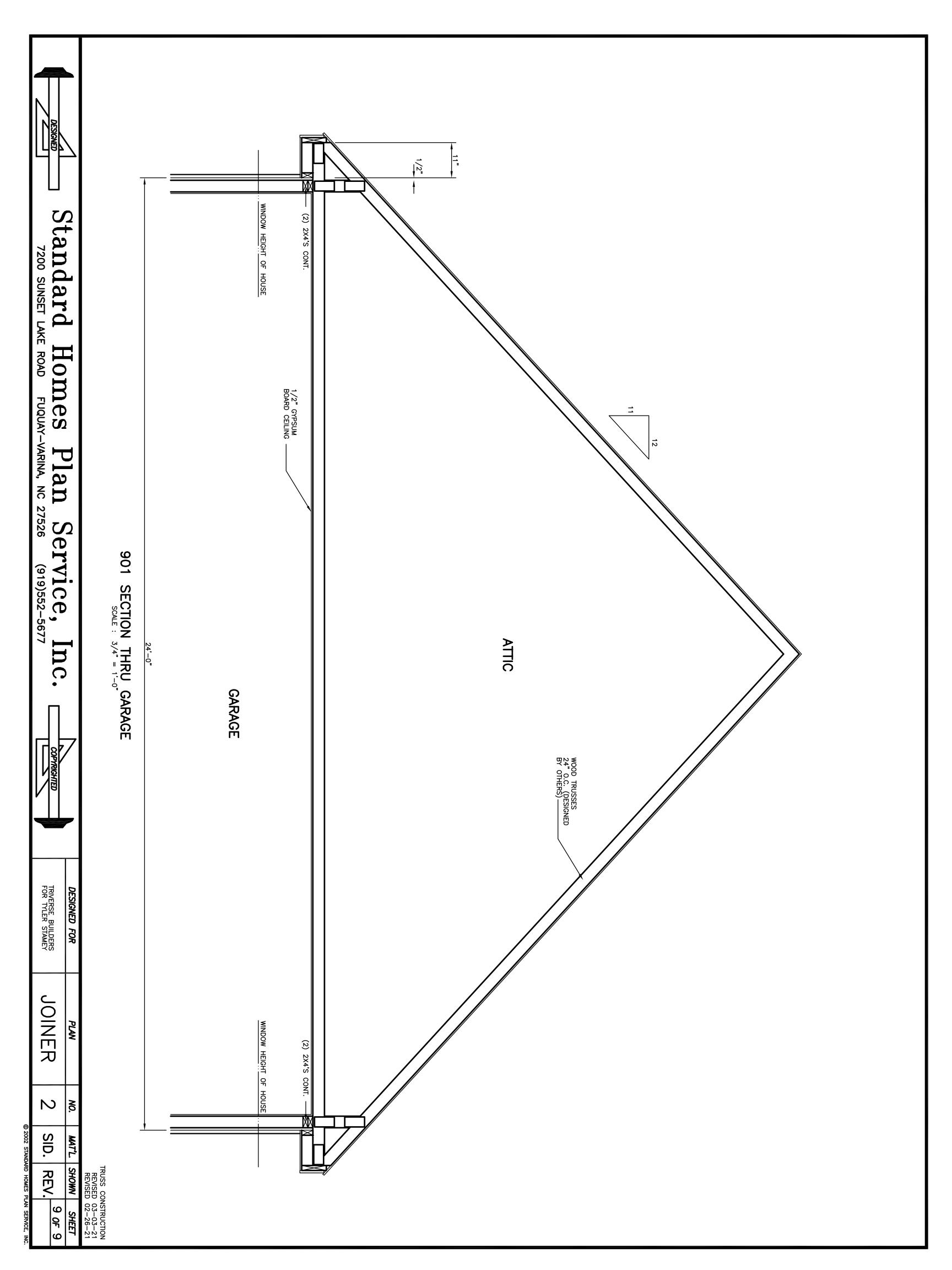
DESIGNED FOR THE TRUSS CONSTRUCTION
REVISED 03-03-21
REVISED 02-26-21
REVISED 02-26-21











FRAMING APPLIED ON TOP OF BEAM SO THAT EACH PLY CARRIES AN EQUAL LOAD FRAMING APPLIED ON TOP OF BEAM SO THAT EACH PLY CARRIES AN EQUAL LOAD D003 SIDE LOADED D004 SECTION T001 D002 LVL BEAM (3 PLYS MAX.) 둗 IDENTICAL FRAMING IS APPLIED ON EACH SIDE OF BEAM SO THAT SAME LOAD IS CARRIED ON EACH FACE. FLOOR/CEILING FRAMING FLOOR/CEILING FRAMING CONNECTION & CONNECTION OF THE BEAM: LOADED LOADED (4 FLOOR/CEILING JOISTS PER PLAN CEILING FINISH JOIST HANGER SECTION THRU (3 STEEL PILES MAXIMUM) PILES) **SUBFLOOR** BEAM JOIN BEAMS TOGETHER WITH (2) OR (3) ROWS AS REQUIRED OF 16d NAILS AT 12" O.C. STAGGERED APPLIED EACH FACE OF BEAM——— 유 MULTIPLE ACCORDING FLOOR/CEILING FRAMING (2)ROWS < 12" DEEP (3)ROWS > 12" DEEP $\binom{2}{3}$ ROWS **(** \odot EACH FACE) 7 FRAMING IS APPLIED TO ONE FACE SO THAT ALL THE LOAD IS CARRIED ON ONE SIDE OF THE BEAM. LVL BEAM (3 PLYS MAX.) FLOOR/CEILING FRAMING TOP MOUNTED HANGERS REQUIRED ——— PLY STEEL BEAM (DESIGN BY OTHERS) **V A** - 2X_ SYP BLOCKING BOLTED THRU WEB WITH 1/2" BOLTS WITH WASHERS 2'-0" O.C. STAGGERED TOP AND BOTTOM. 12" DEEP 12" DEEP FLOOR/CEILING JOISTS PER PLAN 16d NAILS -12d NAILS -16d 12d **ELEVATION ELEVATION** NAILS NAILS **BEAMS** 1/2" DIA. BOLTS WITH WASHERS BOTH FACES <u>Ş</u>T 1 1 EACH 3/4" 1/2" SPECIFICATIONS) <u>3</u>" CORNER POST DO07 DETAIL 36" 18" .2X_ BLOCKING SECTION KITCHEN BASIC WALL FRAMING STUDS MINUMUM UNIFORMLY DIST STAIRS UNINHABITABLE ATTICS WITHOUT STORAGE UNINHABITABLE ATTICS WITH LIMITED STORAGE SLEEPING ROOMS BALCONIES AND DECKS HABITABLE ATTICS AND ATTICS SERVED WITH FIXED ROOMS OTHER THAN THRU CABINETS INTERSECTING WALL 2" HARDWOOD FRAMESOLID WOOD DRAWER - 3/4" VENEERED PLYWOOD DOOR - 2" HARDWOOD FRAME 1/2" PLYWOOD BOTTOM SHELF 3/4" VENEERED PLYWOOD DOOR 12" BOXING POST FORMED PLASTIC LAMINATE SOLID WOOD TOE BOA METAL DRAWER GUIDES 1X12 SHELVING 1X12 SHELVING SLEEPING USE ROOMS 8 FACE RIBUTED D005 SECT. CORNER POST 13X13 T.C. FLUE UNLESS OTHERWISE NOTED LIVE LOADS (PSF) DAMPER HEARTH EXTENSION STEEL LINTEL WOOD MANTEL CRUSHED STAIRS THRU FIREPLACE ON CONCRETE SLAB CONC SLAB EXTERIOR CORNER CONTRACTOR OF THE PROPERTY OF STONE LIVE LOAD D008 DETAIL 10 30 30 40 40 40 20 2X_ 1, |-|-|-|-ADVANCED WALL FRAMING STUDS BACKER BOARD FOR GYP. BD. WALL INSTALLATION 2X_ _ STUDS ALLOWABLE DEFLECTION OF (NOTE : L = SPAN LENGTH) PLATE . **FLOORS** CEILING WITH BRITTLE FINISHES (INCLUDING PLASTER AND STUCCO) CEILING WITH FLEXIBLE FINISHES (INCLUDING GYPUSN BOARD) LINTELS SUPPORTING MASONRY VENEER WALLS ALL OTHER STRUCTURAL MEMBERS RAFTERS HAVING SLOPES GREATER THAN 3:12 FINISHED CEILING NOT ATTACHED TO RAFTERS STRUCTURAL MEMBER INTERIOR CORNER D006 SECT. 6X6, 10/10 W.W.M -13X13 T.C. FLUE UNLESS OTHERWISE NOTED — (INCLUDING GYPUSM -(2)2X_ HEADER DAMPER WOOD 4X8X16 SOLID C.M.U. \times STRUCTURAL MEMBERS THRU FIREPLACE ON WOOD FLOOR ¥H PLAN VIEW OF SUSPENDED HEARTH CANT. 1,-8, ALLOWABLE DEFLECTION MN. L/360 L/360 L/180 L/600 L/240 L/240 -L4"X3"X1/4" LONG LEG VERTICAL (LLV) STEEL LINTEL - 4"X8"X16" SOLID CMU TO SUPPORT HEARTH ABOVE CHIMNEY BASE

Standard

7200

SUNSET

LAKE E

ROAD SEE HOME

FUQUAY-VARINA,

N C

27526

Homes

P

an

0

VICE

0

STANDARD

CONSTRUCTION

DETAILS

(919)552–5677