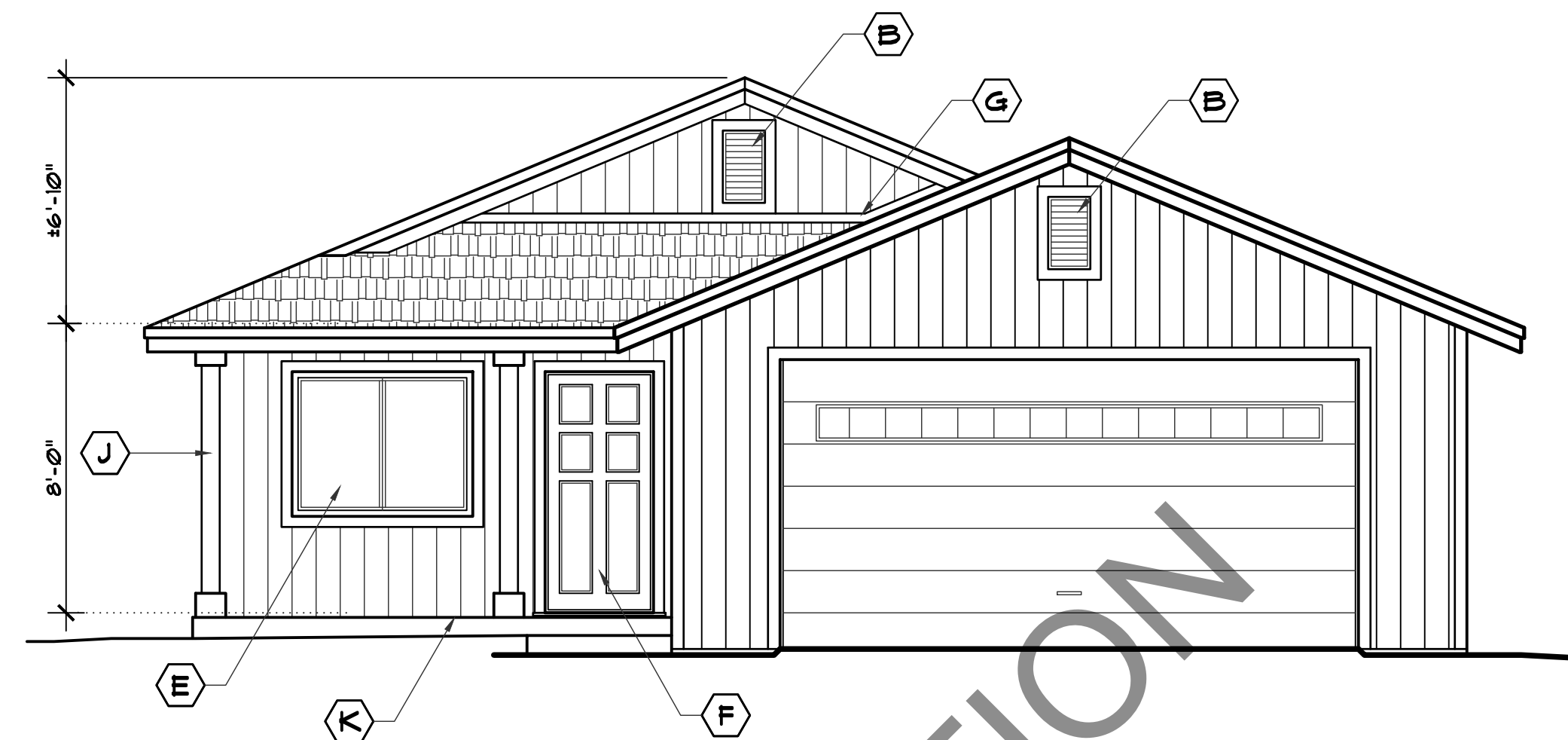


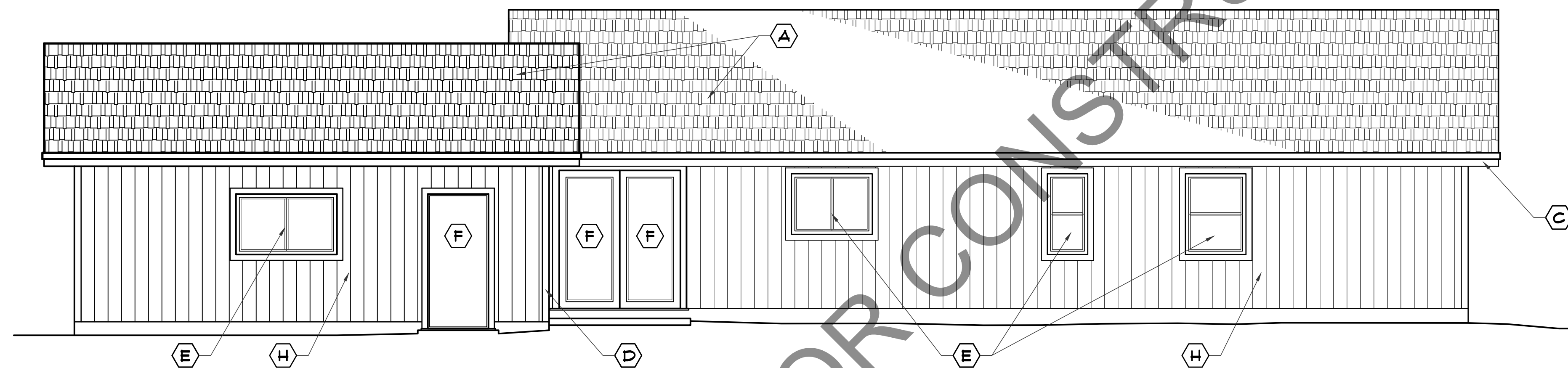
REAR ELEVATION - East

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



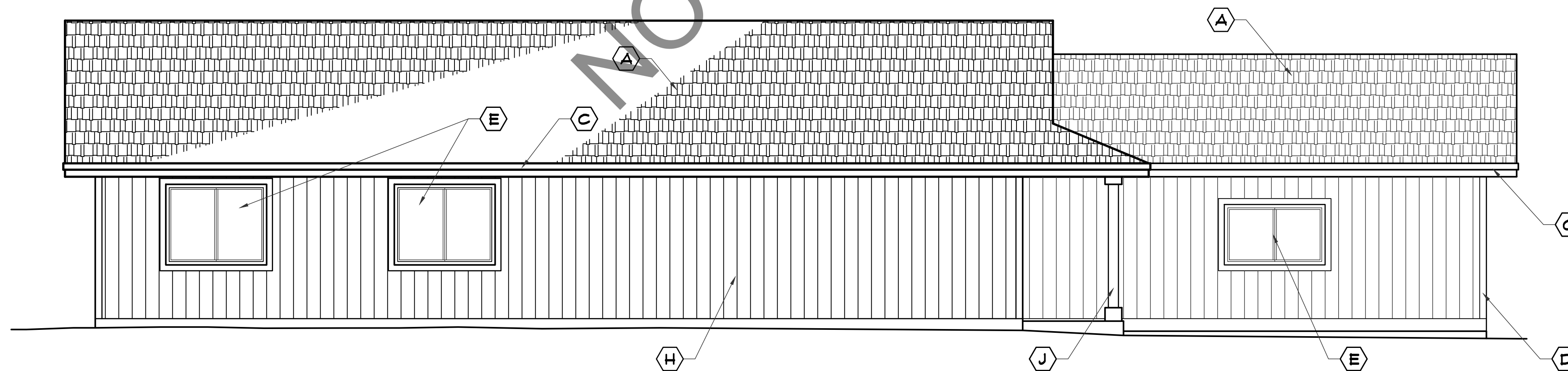
FRONT ELEVATION - West

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



SIDE ELEVATION - North

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



SIDE ELEVATION - South

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

EXTERIOR NOTES:

- IF ATTIC AREAS WHICH CAN BE ADEQUATELY VENTILATED BY USE OF GABLE VENTS & CONTINUOUS RIDGE VENTS THEN VENTS SHALL NOT BE INSTALLED IN THE EAVES OR CORNICES. WHEN CONCEALED RAFTER CAVITIES (OR SIMILAR CONCEALED SPACES) CAN NOT BE ADEQUATELY CROSS-VENTILATED THEN EAVE OR CORNICE VENTS MAY BE ALLOWED IN LOCATIONS MORE THAN (12) FEET FROM THE GROUND OR WALKING SURFACE OF A DECK, PORCH, PATIO OR SIMILAR SURFACE. SEC. 106A3 CBC (2019 ED.)
- ANY SPACE BETWEEN THE ROOF COVERING & ROOF DECK SHALL BE CONSTRUCTED TO PREVENT THE INTRUSION OF FLAME & EMBERS.
- IF VALLEY FLASHING IS USED, A MIN. OF (26) GA. GALVANIZED SHEET METAL W/ MIN. 3/8" WIDE LAYER OF #12 GAG SHEET RUNNING THE FULL LENGTH OF THE VALLEY.
- EAVES & SOFFITS SHALL MEET THE REQUIREMENTS OF SFM 12-1A-3 OR SHALL BE PROTECTED BY IGNITION-RESISTANT MATERIALS OR NON-COMBUSTIBLE CONSTRUCTION ON THE EXPOSED UNDERSIDE
 - * EXCEPTION WHEN THE EAVE LINE IS 12'-0" OFF FINISH GRADE OR DECK FLOOR ELEVATION.
- COMPOSITION SHINGLES REQUIRE A METAL DRIF EDGE A MIN. 2" UNDER THE ICE DAM FLASHING & SHINGLES & EXTEND DOWNWARD OVER THE SHINGLE MOLD / FASCIA A MIN. 1/4" (REFER TO R202.2.5.5)
- EXTERIOR WALL COVERING SHALL EXTEND FROM THE TOP OF THE FOUNDATION TO THE ROOF, AND TERMINATE AT 2x SOLID BLOCK'S BETWEEN RAFTERS AT ALL ROOF OVERHANGS, OR IN THE CASE OF ENCLOSED EAVES, TERMINATE AT THE ENCLOSURE.
- THE UNDERSIDE OF CANTILEVERED & OVERHANGING APPENDAGES & FLOOR PROJECTIONS SHALL MAINTAIN THE IGNITION-RESISTANT INTEGRITY OF EXTERIOR WALLS OR THE PROJECTION SHALL BE ENCLOSED TO THE GRADE.
- BUILDINGS SHALL HAVE ALL UNDER FLOOR AREAS ENCLOSED TO GRADE WITH EXTERIOR WALL.
- VENT OPENINGS IN EXTERIOR WALLS SHALL RESIST THE INTRUSION OF FLAME & EMBERS INTO THE STRUCTURE OR VENT W/ GALV. STEEL WIRE MESH (OR EQ.) W/ 1/16" MIN. 1/8" MAX. OPENINGS.
- EXTERIOR WINDOWS, WINDOW WALLS, GLAZED DOOR, AND GLAZED OPENINGS IN EXTERIOR DOORS SHALL BE INSULATING-GLASS WITH A MIN. OF ONE TEMPERED PANE, OR GLASS BLOCK UNITS, OR HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20 MINUTES.
- EXTERIOR DOORS SHALL CONFORM TO SFM 12-1A-1 (CBC) OR SHALL BE OF APPROVED NONCOMBUSTIBLE CONSTRUCTION, OR SOLID CORE WOOD HAVING STILES AND RAILS NOT LESS THAN 1" THK WITH INTERIOR FIELD PANEL THICKNESS NO LESS THAN 1 1/2" THK, OR SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20 MIN.
- NONCOMBUSTIBLE OR EXTERIOR FIRE-RETARDANT TREATED WOOD VEHICLE ACCESS DOORS ARE NOT REQUIRED TO COMPLY.
- AN AUTOMATIC RESIDENTIAL FIRE SPRINKLER SYSTEM SHALL BE DESIGNED & INSTALLED IN ACCORDANCE WITH SECTION R313.3, 2019 CBC OR NFPA 13D. SYSTEM SHALL BE DESIGNED & INSTALLED BY A COMPANY WITH A C16 LICENSE. PLANS WILL BE SUBMITTED SEPARATELY BY THE DESIGNER FOR REVIEW & APPROVAL.
- THE FIRE SPRINKLER SYSTEM SHALL HAVE A BACKFLOW PREVENTER VALVE AT THE CONNECTION TO THE BUILDING WATER SUPPLY, PROVIDE ACCESS TO VALVE. THE SYSTEM SHALL USE CPVC PIPING MATERIALS.
- FIRE BLOCKING IS REQUIRED IN CONCEALED SPACES BETWEEN STAIR STRINGER AT THE TOP AND BOTTOM OF THE RUN, ALSO BETWEEN THE STUDS IN LINE WITH THE STAIR STRINGERS. R 302.11.4

EXTERIOR FINISH KEY

- (A) 30 YEAR COMPOSITION SHINGLES (CLASS "A" NON-COMBUSTIBLE) O/ 15# FELT & 5/8" PLYWD. ROOF SHEATHING W/ 8d NAILS AS NOTED
- (B) 14"x24" ATTIC VENT W/ INSECT SCREEN
- (C) 2x8 FASCIA BOARD OR BARGE RAFTER W/ 1x4 SHINGLE MOULD
- (D) 5/4 x 4 SMART TRIM • EXTERIOR
- (E) VINYL FRAMED DUAL PANE WINDOWS W/ LOW "E" COATING (TEMP. GLASS FOR OUTSIDE PANE) & 5/4x4 TRIM
- (F) DOOR OR SLIDING GLASS DR. W/ 5/4x4 SMART TRIM (TEMP. GLASS)
- (G) GALV. IRON FLASHING
- (H) 1/16" SMART PANEL SIDING W/ VERT. GROOVES • 8" O.C. OVER 'TYVEK' INFILTRATION BARRIER
- (J) 6x6 POST ABU66 POST BASE
- (K) 4" THK CONG. SLAB W/ WELDED WIRE MESH O/ 4" GRAVEL BASE & COMPACTED FILL

Revisions:
TM 1/3/22

Engineer:

Project Title:

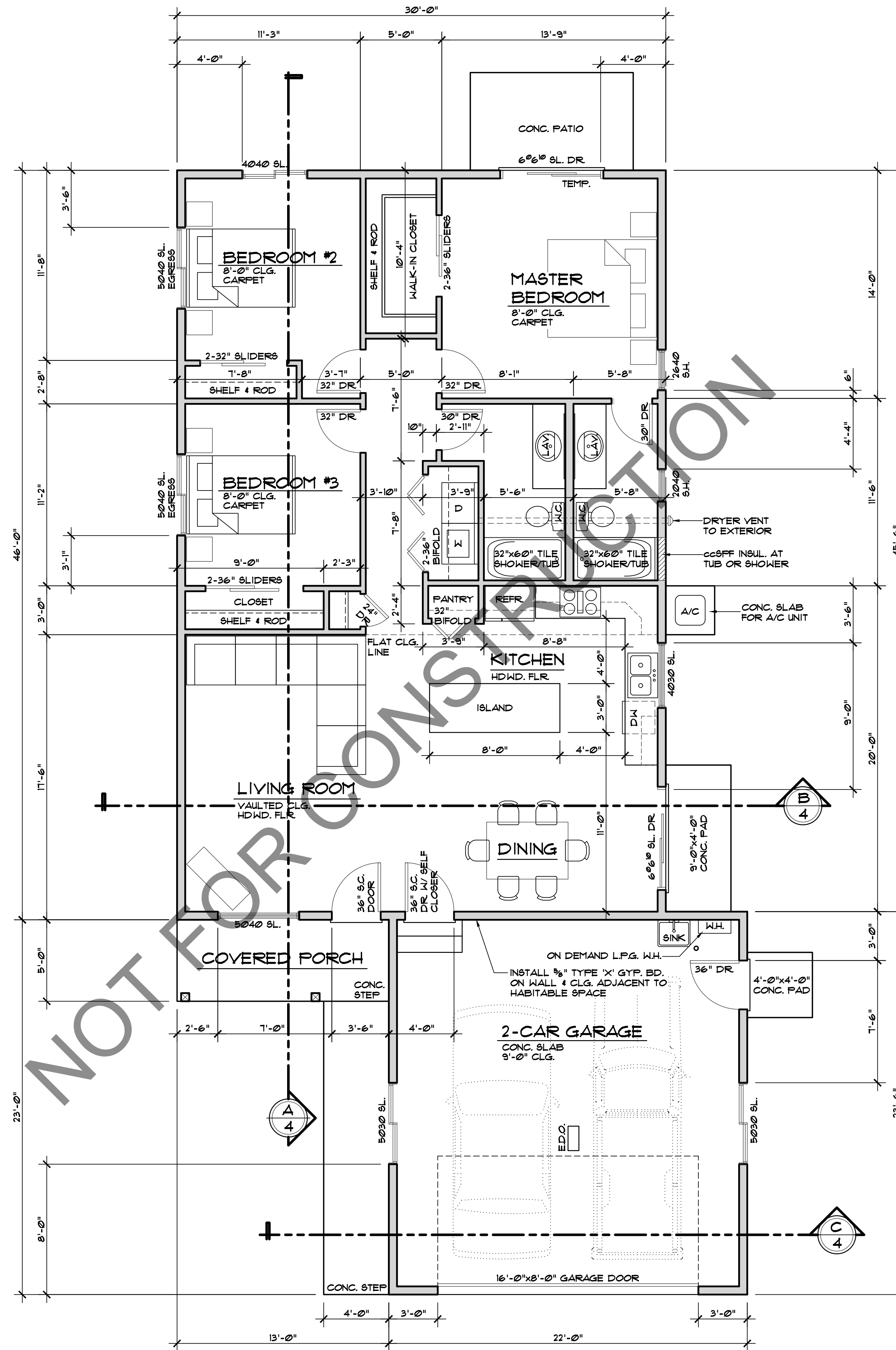
PROPOSED RESIDENCE for
PLAN 1380
GREENVILLE, PLUMAS COUNTY, CALIF.

NST ENGINEERING, INC.
1495 Riverside Drive • Susanville, CA 96150
Engineering • Planning • Surveying
Phone: (530) 251-5113 Fax: (530) 251-6272

Date: 10/29/21
Drawn: TM
Checked: JM

Sheet No.
2
Of 3 Sheets

Job No. 21-101
File No. WDWG



MAIN FLOOR PLAN

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

ENERGY NOTES:

CEILING INSULATION -
R-38 INSUL. R-19 INSUL. BELOW ROOF DECK (WHEN AIR HANDLER IS IN ATTIC SPACE)

WALL INSULATION -
R-21 INSUL. - 2x6 WALL

CONC. SLAB PERIMETER INSULATION -
R-8 INSUL. - 16" DEPTH RIGID INSUL.

OPTION 2 WOOD FLOOR INSULATION -
R-30 INSUL. - 9 1/2" FLOOR JOISTS OVER CRAWLSPACE

HOT WATER HEATER -
LFG ON DEMAND

HEATING -
95% AFUE F.A.U. NO COOLING -
48,425 BTU'S INPUT 46,004 BTU'S OUTPUT

PERFORMANCE COMPLIANCE APPROACH WAS USED FOR THIS RESIDENCE ALONE PROJECT. REFERENCE THE ENERGY CALCULATIONS (CFR) PROVIDED BY THE ENERGY CONSULTANT FOR ALL REQUIRED MEASURES NEEDED TO BE TAKEN IN ORDER TO COMPLY WITH 2019 CALIFORNIA TITLE 24, TABLE 150.1.

TUB/SHWR NOTES:
INSTALL cc8FF (SPRAY IN FOAM) OR RIGID INSULATION BETWEEN STUDS AT TUB / SHWR & EXTERIOR WALL PER Q.I.I. REQUIREMENTS REFERENCE RA3.5.12.2(b)

SOLAR PANELS -
P.V. SYSTEM - MIN. kWdc - 2.04 NO BATT. STORAGE

Q.I.I. (QUALITY INSULATION INSTALLATION) IS MODELED IN THIS PROJECT. REFERENCE RESIDENTIAL APPENDICES SECTION RA3.5. BUILDER MUST BE AWARE OF ALL THE REQUIREMENTS AND IMPLICATIONS RELATING TO THIS CODE PRIOR TO START OF CONSTRUCTION.

HERS RATER MUST BE CONTACTED PRIOR TO START OF CONSTRUCTION TO DISCUSS REQUIRED INSPECTIONS THROUGHOUT THE BUILDING PROCESS. IF ANY INSPECTIONS IS MISSED AND NOT DISCUSSED WITH THE HER'S RATER PRIOR TO MOVING FORWARD IN THE BUILDING PROCESS, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO EXPOSE ANY CONSTRUCTION THAT HAS BEEN COVERED UP. FOR EXAMPLE, BUT NOT LIMITED TO: INSULATION, DUCTWORK IN CONDITIONED SPACE, & TUB / SHOWER INSTALLATION.

BUILDING AREA	
HABITABLE FLOOR AREA	1380 SQ. FT.
GARAGE AREA	509 SQ. FT.
COVERED PORCH	65 SQ. FT.

Revisions:

Engineer:

Project Title:
PROPOSED RESIDENCE for
PLAN 1380
GREENVILLE, PLUMAS COUNTY, CALIF.

NST ENGINEERING, INC.
1495 Riverside Drive • Susanville, CA 96150
Engineering • Planning • Surveying
Phone: (530) 251-5113 Fax: (530) 251-6272

Date: 10/29/21
Drawn: TM
Checked: JM

Sheet No.
3
Of 8 Sheets

Job No. 21-101
File No. WDWG