



**ONE WORLD
DESIGN
ARCHITECTURE**

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Proposed New Energy Efficient Residence for:

Adam and Cathlin Sentz

2607 Castleford Drive Moscow, ID 83843

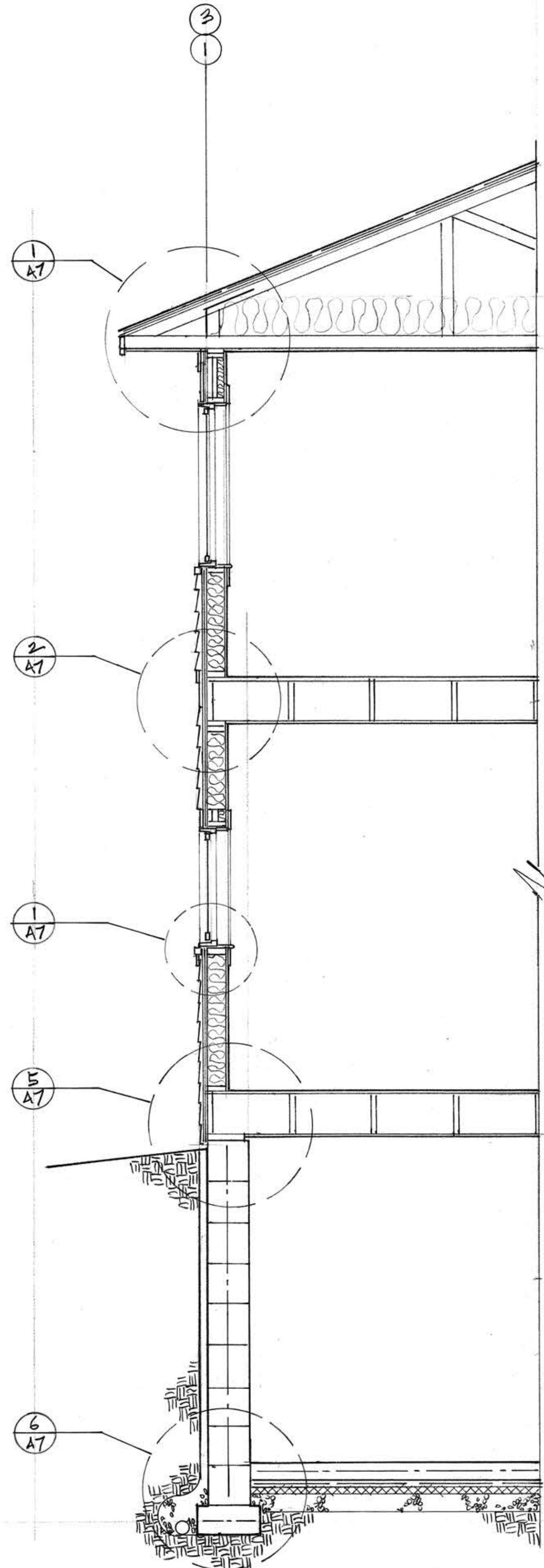
Date: Status:

8 MAY 09 CHK SET

14 MAY 09 98% SET

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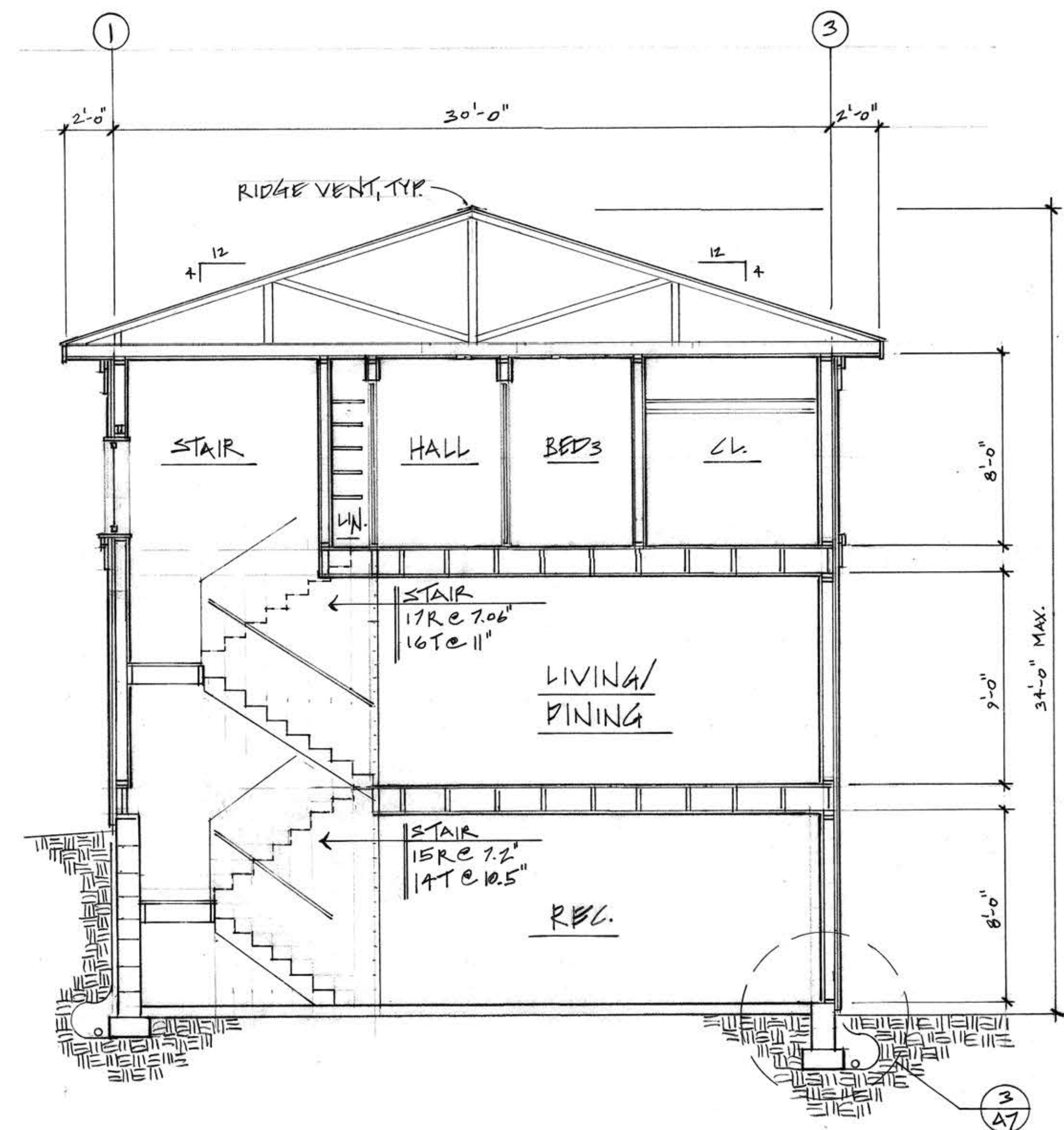
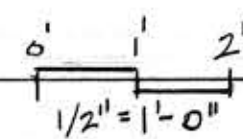
A4



- TYPICAL ROOF CONSTRUCTION:**
 -40 YR COMP. SHINGLE ROOFING
 -30# ROOFING FELT / LAP 4"
 -7/16" PLYWOOD SHEATHING
 -MFG. TRUSSES @ 24" O.C.
 -R-50 INSULATION / 15" CELLULOSE
 -INSULATION BAFFLE / MAINTAIN 1" MIN. AIR SPACE
 -VENTED HARDIBOARD SOFFIT
 -GYP. BD. CEILING
- TYPICAL EXTERIOR WALL CONSTRUCTION:**
 -HARDIBOARD SIDING
 -(2) LAYERS 1/2" XPS RIGID INSULATION / STAGGER & TAPE ALL JOINTS, TYP.
 -4'-0" x 1/2" OSB SHEATHING @ CORNERS
 -2x6 FRAMING @ 24" O.C. / "ADVANCED FRAMING"
 -R-19 BIB INSULATION
 -5/8" GYP. BD. INTERIOR FINISH
- TYPICAL FOUNDATION CONSTRUCTION:**
 -QUAD-LOCK ICF OR SIMILAR / 12-1/4" WALL
 -PARASEAL MOISTURE BARRIER W/ DRAINAGE MATT
 -FRENCH DRAIN / 4" PERF PIPE DRAIN AT BOTTOM OF TRENCH TO DAYLIGHT EAST OF HOUSE PER ARCHITECTS DIRECTION.
 -SLOPE TRENCH TO DRAIN @ 1/4" PER FOOT MINIMUM.
 -REINFORCING PER DETAILS
- TYPICAL INTERIOR FLOOR CONSTRUCTION:**
 -FINISH FLOOR OVER
 -3/4" PLYWD. DECKING-T&G
 -11-7/8" TJI @ 24" O.C.
 -1/2" GYP. BD. CLG.
- TYPICAL CONCRETE SLAB CONSTRUCTION:**
 -5" CONCRETE SLAB W/
 -6x6 #10 REMESH OR #3 REBAR @ 18" O.C.E.W.
 -6 MIL POLY. VAPOR BARRIER OVER
 -2" R-10 XPS RIGID INSULATION ENTIRE SLAB OVER
 -5" COMPACTED GRAVEL BASE (1/4" MINUS) OVER
 -FIRM UNDISTURBED SOIL
- CONSTRUCTION / EXPANSION JOINT LOCATION TO BE VERIFIED WITH ARCHITECT PRIOR TO POUR
 -FINISH PER OWNERS DIRECTION
 -ADDITIONAL REINFORCING PER DETAILS

2
A7

WALL SECTION-TYP



1
A7

BUILDING SECTION-TYPICAL

