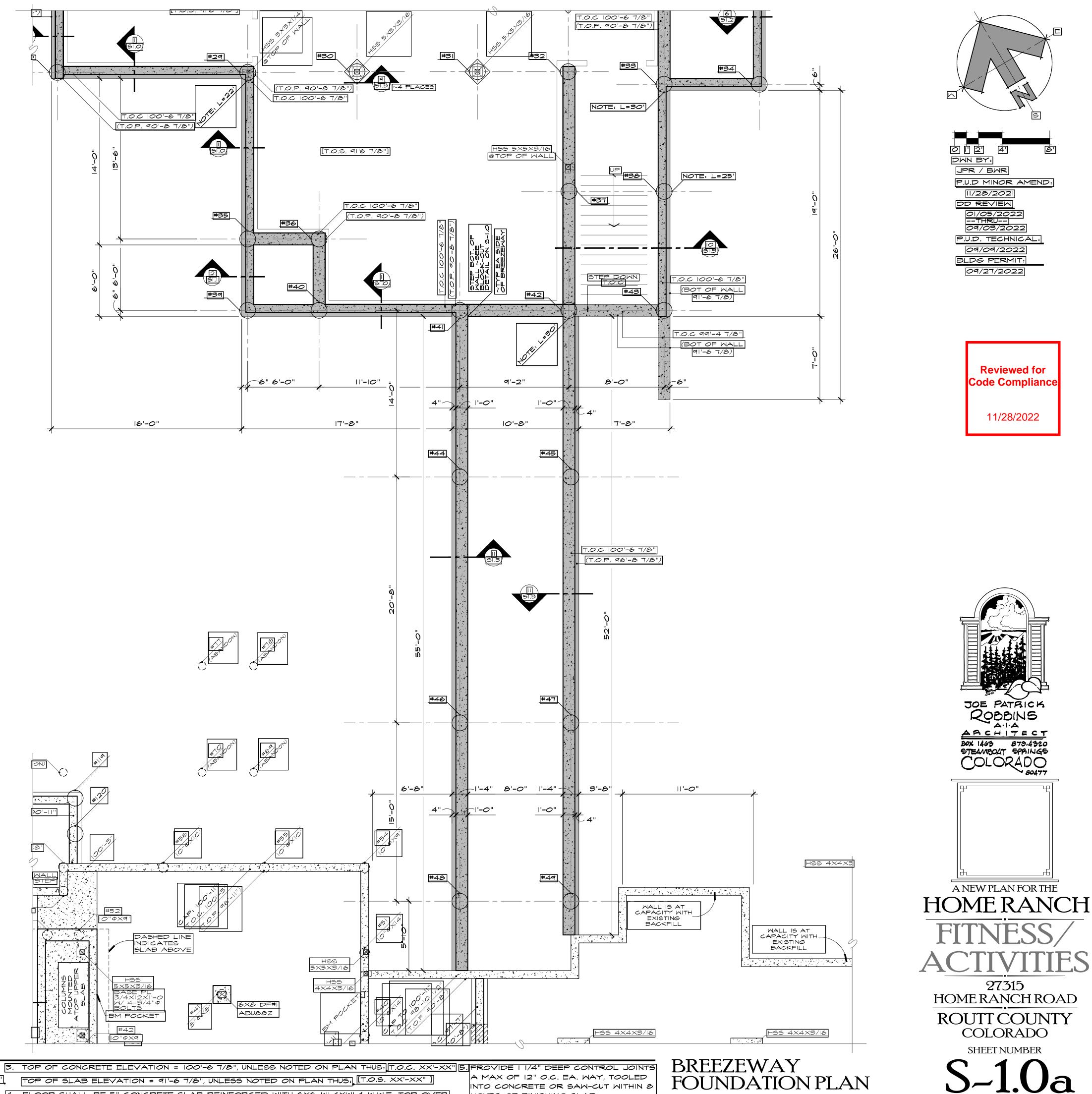


2. ALL PIERS SHALL BE REINFORCED WITH 3- #5 VERTICAL FULL LENGTH. U. N. O. TOP OF PIER ELEVATION = 90'-8 7/8", UNLESS NOTED ON PLAN THUS: (T.O.P. XX'-XX")



PLAN NOTES

. ALL PIERS SHALL BE 16" Φ, CONCRETE FILLED, STRAIGHT-SHAFT, SKIN-FRICTION PIERS.

PIERS SHALL BE A MINIMUM OF 20 FEET IN LENGTH UNLESS NOTED ON PLAN THUS: L=XX'-X" 2. ALL PIERS SHALL BE REINFORCED WITH 3- #5 VERTICAL FULL LENGTH. U. N. O. TOP OF PIER ELEVATION = 90'-8 7/8", UNLESS NOTED ON PLAN THUS: (T.O.P. XX'-XX")

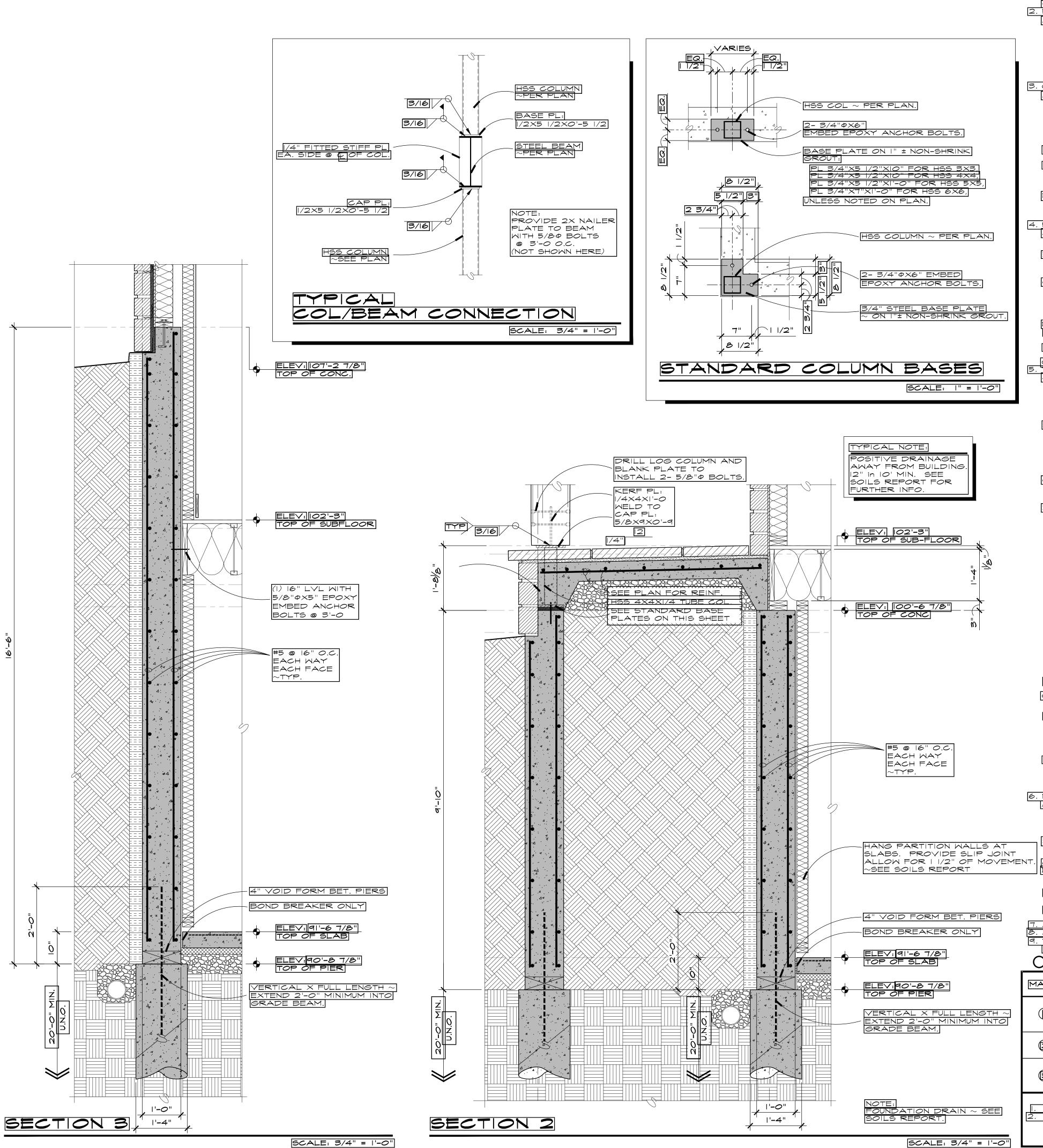
4. FLOOR SHALL BE 5" CONCRETE SLAB REINFORCED WITH 6X6-WI.4XWI.4 W.W.F. TOP OVER 6" MINIMUM GRAVEL, OVER NON-EXPANSIVE BACKFILL.

HOURS OF FINISHING SLAB.

SHEET NUMBER

S-1.0a

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



GENERAL STRUCTURAL NOTES . LIVE LOADS USED IN DESIGN: <u>A. ROOF</u> B. WIND., R.C. 115 MPH - EXPOSURE B. (ASD DESIGN) JPPER FLR: 40 PSF. MAIN & MID FLR: 100PSF FOUNDATIONS: A. SOIL DATA WAS TAKEN FROM RECOMMENDATIONS SET FORTH IN THE REPORT FOR JOB NO. 20-11733 BY NWCC DATED SEPTEMBER 24, 2020 B. SKIN FRICTION PIERS USED IN DESIGN: 16"\$\psi\$ \times 20" LONG ALLOMABLE SKIN FRICTION VALUE: 1000 PSF (WHERE PENETRATING NATURAL CLAYS) E. PASSIVE EARTH PRESSURE... -. COEFFICIENT OF FRICTION .. . CONCRETE: A. ALL CONCRETE FOR SLABS SHALL BE MADE WITH A MINIMUM OF 600 Ibs. OF CEMENTITIOUS MATERIAL AND SHALL DEVELOP 4,500 PSI COMPRESSIVE STRENGTH IN 28 DAYS, UNLESS OTHERWISE NOTED. ALL CONCRETE FOR WALLS AND FOOTINGS SHALL DEVELOP 3,000 PSI COMPRESSIVE STRENGTH IN 28 DAYS, EXPOSED CONCRETE SHALL HAVE ±5% ENTRAPPED AIR CONTENT AND SHALL BE PLACED WITH 4" MAXIMUM SLUMP. MAXIMUM WATER TO CEMENTITIOUS MATERIAL RATIO SHALL BE 0.45 FOR SLABS.]

B. CONCRETE SHALL NOT BE PLACED ON FROZEN, MUDDY, OR SATURATED SOIL AND SHALL BE PROTECTED FROM FREEZING FOR 7 DAYS.]

C. SLABS AND WALLS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE.

ANY STOP IN CONCRETE WORK SHALL BE MADE WITH VERTICAL BULKHEADS, REYS AND DOWELS, UNLESS OTHERWISE SHOWN. CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY THE ENGINEER.

D. ANCHOR BOLTS, EXPANSION ANCHORS FOR SILL PLATES AND LEDGERS SHALL EXTEND THE DISTANCE REQUIRED TO BOLT WOOD MEMBERS SHOWN WITHOUT COUNTERSINKING. EXPANSION ANCHORS SHALL BE "WEJ-IT", HILTI "KWIK BOLT" OR APPROVED EQUIAL.]

4. REINFORCING STEEL:

A. ALL REINFORCING BARS SHALL BE ASTM A615-GRADE 60, EXCEPT COLUMN A. ALL CONCRETE FOR SLABS SHALL BE MADE WITH A MINIMUM OF 600 Ibs. OF

2. CONCRETE POURED IN FORMS & EXPOSED TO WEATHER OR EARTH:....... 1/2

LAP SPLICES SHALL BE A MINIMUM OF 36 BAR DIAMETERS. TOP BARS TO BE SPLICED AT MID-SPAN, BOTTOM BARS TO BE SPLICED OVER SUPPORTS. WIRE SECURELY TOGETHER AT SPLICES AND INTERSECTIONS. NO WELDING TO REINFORCING BARS WILL BE PERMITTED. WELDED WIRE FABRIC SHALL LAP ONE FULL MESH, BUT NOT LESS THAN 6" AND WIRED TOGETHER. PROVIDE CORNER BARS OF EQUAL SIZE AND SPACING AS HORIZONTAL BARS.

PROVIDE ALL ADDITIONAL REINFORCING AND OTHER ACCESSORIES NECESSARY TO SUPPORT MAIN REINFORCING AT THE POSITIONS INDICATED. DETAIL AND FABRICATE BARS IN ACCORDANCE WITH THE LATEST EDITION OF THE ACT DETAILING MANUAL AND ACT BUILDING CODE REQUIREMENTS....

PLACE 1-#4 BAR, EACH FACE, WITH 2'-O" PROJECTION AROUND ALL OPENINGS.

A. SAWN LUMBER FOR STRUCTURAL FRAMING SHALL BE VISUALLY STRESS-GRADED,

DRIED, DOUGLAS FIR/LARCH; CONFORMING TO "NATIONAL DESIGN]

SPECIFICATIONS FOR WOOD CONSTRUCTION..." BY THE NATIONAL FOREST

PRODUCTS ASSOCIATION. I. ALL 2X_ AND 4X_ MEMBERS SHALL BE STRESS GRADED "NO.2"

. ALL 6X_ AND WIDER MEMBERS SHALL BE STRESS GRADED "NO.2 ALL LAMINATED MEMBERS SHALL BE FABRICATED USING WEST COAST DOUGLAS FIR, OR SOUTHERN PINE; USING WATERPROOF

GLUE AND 2" NOMINAL LUMBER IN A "24F-V8, 24F-E4" STRESS COMBINATION.

COLUMNS SHALL BE STRESS COMBINATION "5" OR BETTER.

[. DETAIL AND FABRICATE MEMBERS ACCORDING TO AITC SPECS.

2. LAMINATED MEMBER SIZES ARE THE FINISHED MEMBER SIZE. SEE THE

[ARCHITECTURAL SPECIFICATIONS FOR FINISH, APPEARANCE AND WRAPPING.]

ARCHITECTURAL SPECIFICATIONS FOR FINISH, APPEARANCE AND WRAPPING.

C. ALL LAMINATED VENEER LIMBER MEMBERS ARE DENOTED "LVL" ON THE DRAWINGS AND SHALL BE STANDARD SIZES AS FABRICATED BY THE TRUS-JOIST CORP. OTHER LAMINATED VENEER LUMBER MEMBERS OF EQUAL SIZE AND STRENGTH MAY BE SUBSTITUTED FOR "LVL" MEMBERS.

D. MANUFACTURED FLOOR JOIST:

[I. FABRICATED MEMBERS CALLED FOR ON THE DRAWINGS SHALL BE USED TO SET THE SIZE AND CAPACITY DESIRED. SIMILAR MEMBERS BY OTHER MANUFACTURES MAY BE SUBSTITUTED, PROVIDED THAT THE PROPOSED SUBSTITUTION HAS EQUAL LOAD CAPACITY AND ICBO APPROVAL.

[2. SHOP FABRICATED JOIST SHALL BE "I" TYPE MEMBERS FABRICATED FROM SOLID WOOD OR LAMINATED CHORDS AND PLYWOOD WEBS. BLOCKING AND BRIDGING SHALL BE IDENTICAL TO REQUIREMENTS FOR CONVENTIONAL FRAMING ACCORDING TO THE I.R.C.]

[E. ROOF, FLOOR AND WALL SHEATHING SHALL BE DEPA GRADE-TRADEMARKED "C-D EXTERIOR" AND SHALL CONFORM TO A.P.A. STANDARDS.]

[C-D EXTERIOR" AND SHALL CONFORM TO A.P.A. STANDARDS.]

[I. ROOF AND FLOOR PANELS SHALL BE PLACED WITH THE 8'-O" DIMENSION PERPENDICULAR TO FRAMING WITH END JOINTS STAGGERED. FLOOR PANELS SHALL BE TONGUE AND GROOVED, GLUED AND NAILED TO SUPPORTS.]

[2. WALL PANELS MAY BE PLACED EITHER VERTICALLY OR WITH ALL] HORIZONTAL JOINTS BLOCKED AND "EDGE" NAILED.]

[3. EXPLANATION OF NAILING NOTE: (5/8" PLYWOOD WITH 8d @ 6" \$ 12") MEANS 5/8" SHEATHING SHALL BE NAILED WITH 8 PENNY NAILS SPACED AT 6" ALONG EDGES AND 12" ALONG INTERMEDIATE MEMBERS.]

[4. SPACING CALLED OUT IS FOR COMMON OR GALVANIZED BOX NAIL SIZE.]

5. ROOFS: 5/8" PLYWOOD WITH IOd @ 6"\$12".

5. ROOFS: 5/8" PLYWOOD WITH IOD @ 6" \$ 12".

| FLOORS: 3/4" PLYWOOD WITH IOD RING SHANK @ 6" \$ 10".
| WALLS: I/2" PLYWOOD. SEE SHEAR WALL SCHEDULE.
| FASTEN ALL FRAMING WITH COMMON NAILS ACCORDING TO THE I.R.C. NAILING |
| SCHEDULE, UNLESS OTHERWISE NOTED OR DETAILED. |
| TIMBER CONNECTORS CALLED FOR ON DRAWINGS ARE AS MANUFACTURED BY |
| THE SIMPSON COMPANY. OTHER CONNECTORS MAY BE USED IF THE I.R.C. |
| APPROVED LOAD CAPACITY IS EQUAL TO THE CONNECTOR SPECIFIED. |
| PROVIDE SOLID BLOCKING BETWEEN JOIST AT SUPPORTS AND BLOCKING OR |
| CROSS BRIDGING NOT OVER 8'-0" ON CENTER FOR ALL JOIST AND RAFTERS. |
| ALL SOLID WOOD COLUMNS CALLED FOR ON THE DRAWING SHALL BE |
| CONTINUOUS THROUGH FRAMING AND SHALL BEAR DIRECTLY ON ANOTHER |
| COLUMN OR BEAM OR FOUNDATION BELOW. USE STEEL CONNECTORS CALLED FOR ON THE DRAWINGS.

FOR ON THE DRAWINGS.

MULTIPLE STUDS CALLED FOR ON THE PLANS MAY BEAR ON THE WALL PLATE

IF FULL WIDTH SOLID BLOCKING IS PROVIDED THROUGH FRAMING SYSTEM.

HEADERS AND/OR BEAMS SHALL BEAR FULLY ON ALL STUDS CALLED FOR;

CRIPPLE STUDS ARE ADDITIONAL. IF SILL PLATES ON CONCRETE ARE NOT

DOUG-FIR, PROVIDE ANOTHER DOUG-FIR PLATE ON SILL PLATE.

METALS

ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A992. STEEL

ANGLES AND PLATES SHALL CONFORM TO ASTM A36. ALL TUBE SHAPES SHALL

CONFORM TO ASTM A500, GRADE B. ALL STANDARD BOLTS AND ANCHOR

BOLTS SHALL CONFORM TO ASTM A30T. ALL WELDING SHALL BE DONE USING

ETO ELECTRODES.

B. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED

ACCORDING TO THE LATEST PROVISIONS OF THE AISC MANUAL OF STEEL

CONSTRUCTIONS

C. SEE ARCHITECTURAL DRAWINGS FOR NAILER HOLES & OTHER REQUIREMENTS.

D. PROVIDE ALL NECESSARY TEMPORARY BRACING TO HOLD STEEL FRAMING IN

POSITION UNTIL PROPERLY CONNECTED TO ADJACENT FRAMING OR UNTIL THE

FRAME IS OTHERWISE SELF SUPPORTING.

E. NO SPECIAL FIELD INSPECTIONS FOR WELDING IS REQUIRED IF WELDING IS

DONE BY CERTIFIED WELDERS.

DONE BY CERTIFIED WELDERS. F. NON-SHRINK GROUT UNDER COLUMN AND BEAM BEARING PLATES SHALL

DEVELOP 4,500 PSI COMPRESSIVE STRENGTH IN 28 DAYS.

7. ARCHITECT'S/ENGINEER'S APPROVAL MUST BE SECURED FOR ALL SUBSTITUTIONS.

8. ALL STRUCTURAL DIMENSIONS SHALL BE CHECKED WITH ARCHITECT'S.

9. THESE DRAWINGS DO NOT INCLUDE PROVISIONS FOR JOB SAFETY. JOB SITE

SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.

OSHEAR MALL SCHEDULE

HOLD DOWN SHALL BE "HD9B" UNLESS OTHERWISE NOTED.

MARK	DESCRIPTION
	INCLUDES EXTERIOR WALLS NOT OTHERWISE NOTED. 1/2" SHEATHING NAILED WITH 8d @ 6" AND 12". SOLE PLATE NAILED WITH 16d BOX @ 6". 5/8"ФХІО" ANCHOR BOLTS @ 4'-0".
	/2" SHEATHING NAILED WITH 8d @ 4" AND 2". SOLE PLATE NAILED WITH 6d BOX @ 4". 5/8"\$X O" ANCHOR BOLTS @ 3'-0" O.C.
m	1/2" SHEATHING EA. SIDE NAILED WITH 8d @ 4" AND 12". STAGGER PANEL JOINTS EA. SIDE OF MALL. SOLE PLATE NAILED WITH 16d BOX @ 3". 5/8" ФХІО" ANCHOR BOLTS @ 1'-4" O.C.
SHEAR WALL NOTES:	

SEE GENERAL NOTE 5.E. ON THIS SHEET FOR OTHER REQUIREMENTS A MINIMUM OF 8" USING "HILTI HVA" OR "SIMPSON SET" ANCHORING SYSTEM. DWN BY:

JPR / BMR

P.U.D MINOR AMEND: 11/28/2021 DD REVIEW

01/05/2022 --THRU--09/03/2022

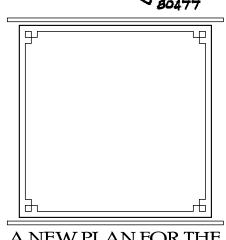
P.U.D. TECHNICAL: 09/09/2022 BLDG PERMIT: 09/27/2022

> **Reviewed for** Code Compliance

> > 11/28/2022



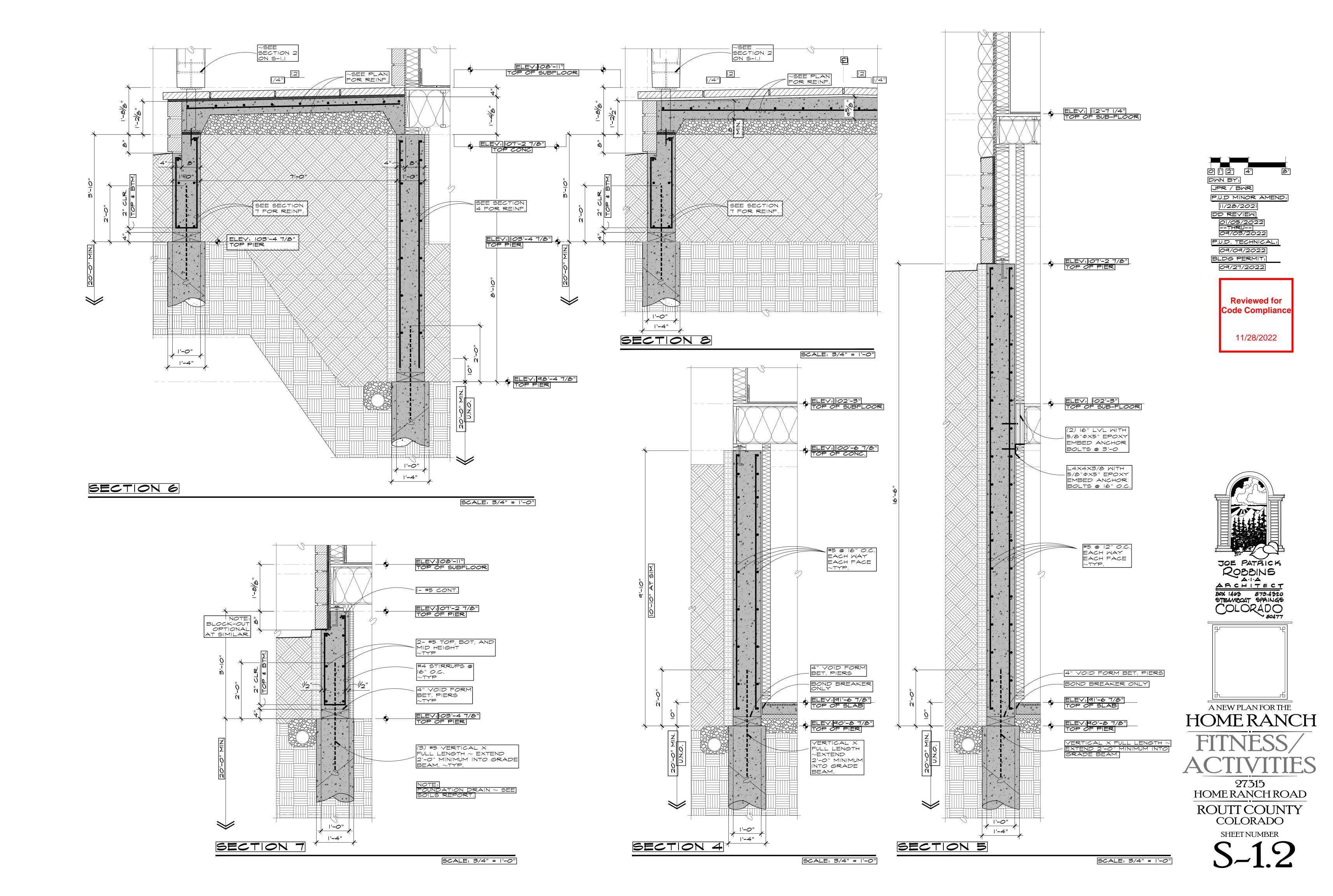
ROBBINS ARCHITECT BOX 1463 879.4320 STEAMBOAT SPRINGS COLORADO

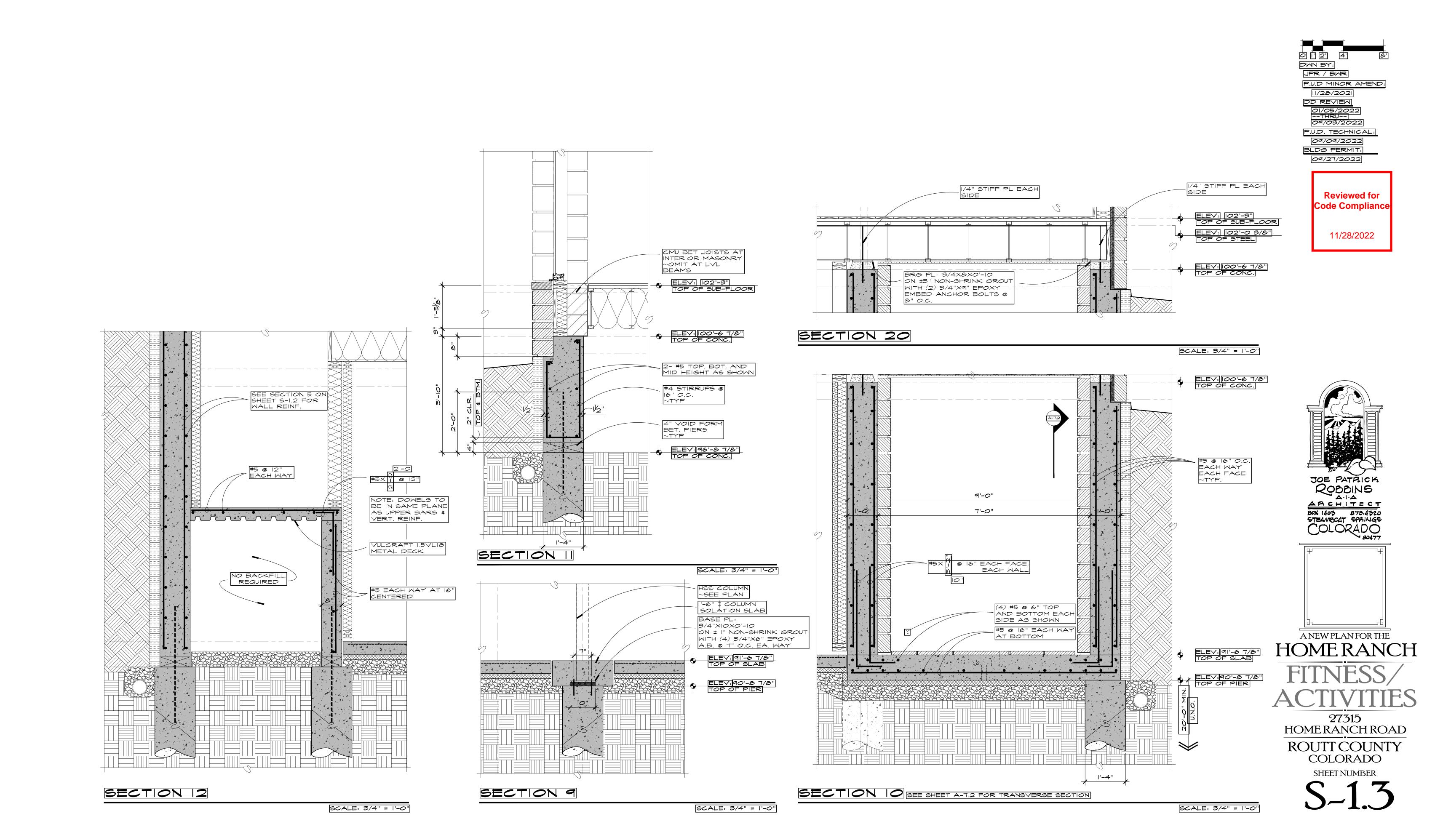


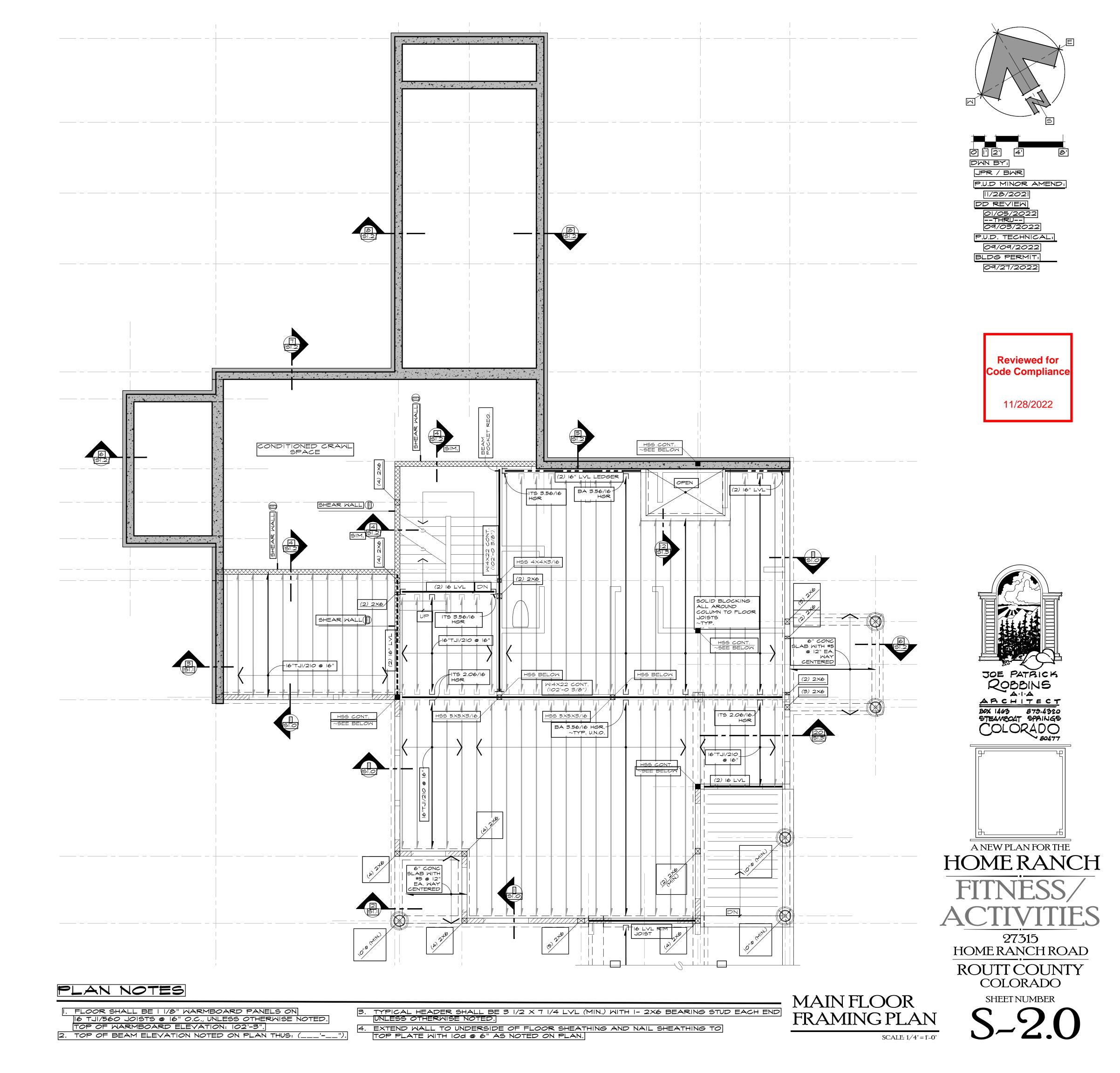
A NEW PLAN FOR THE **HOME RANCH** 27315

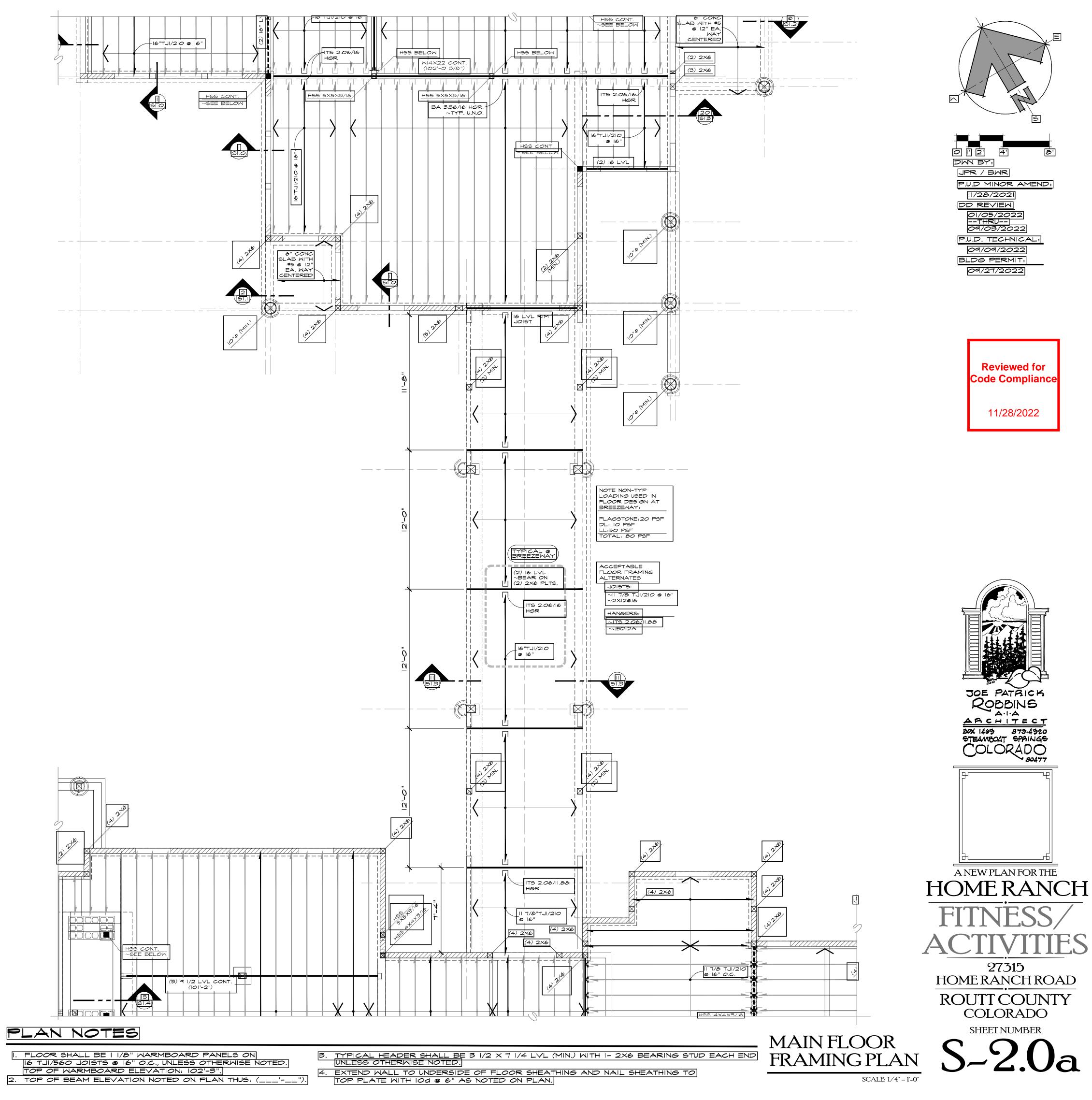
HOME RANCH ROAD ROUTT COUNTY **COLORADO**

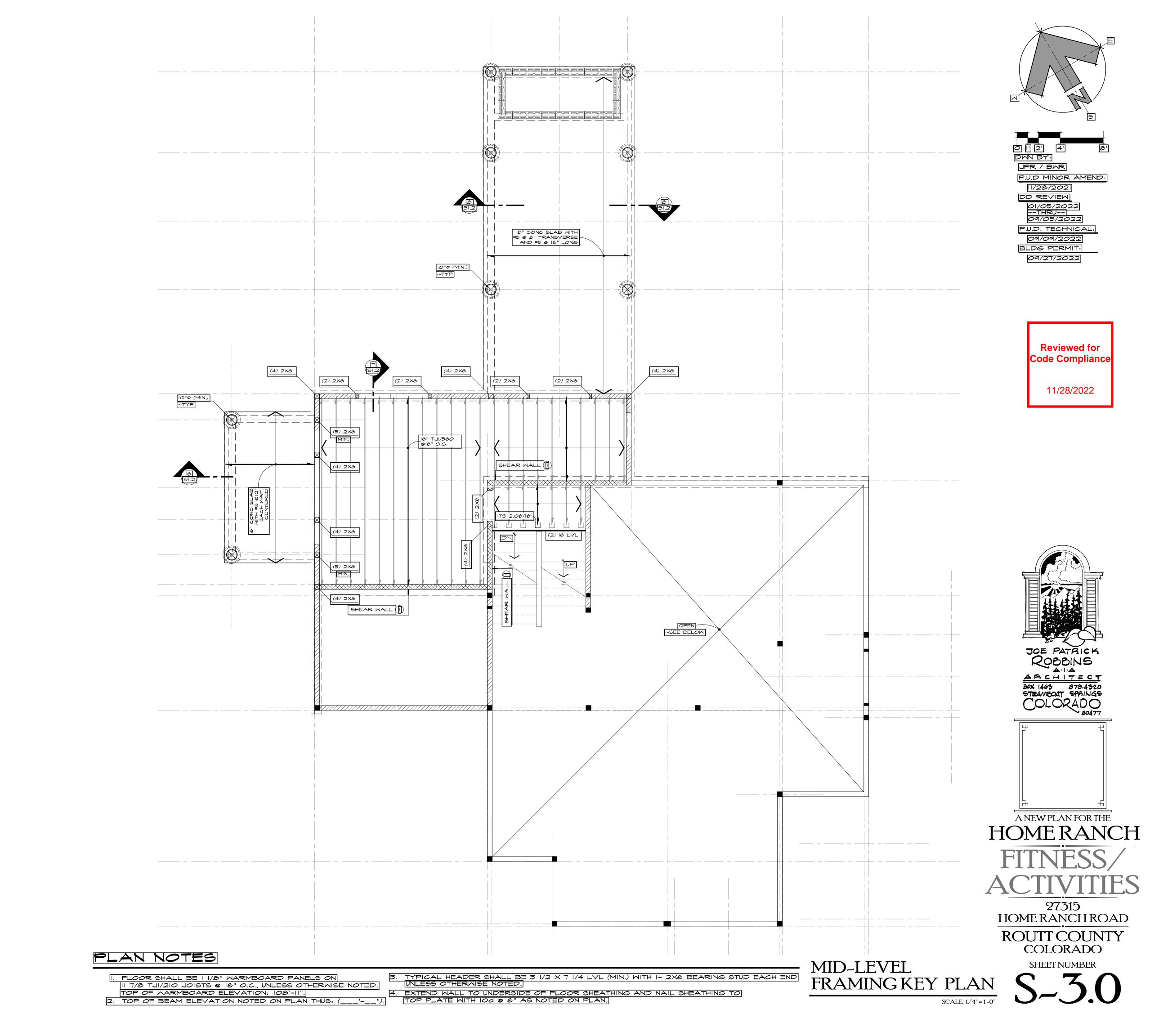
SHEET NUMBER

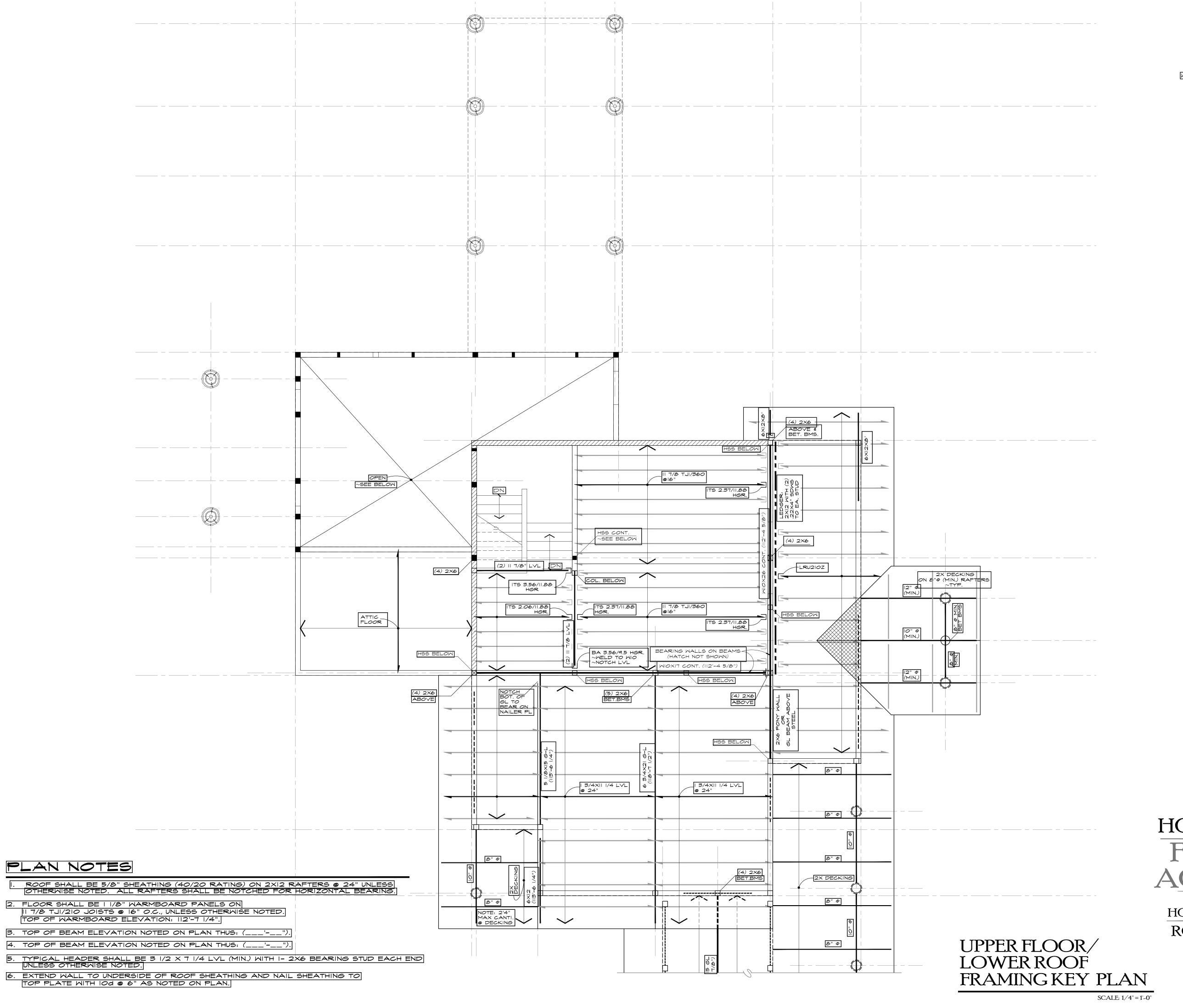


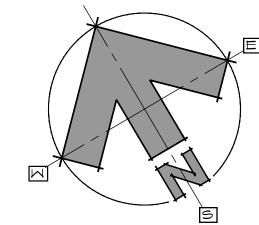












DWN BY:

JPR / BWR

P.U.D MINOR AMEND:

II/28/2021

DD REVIEW

OI/05/2022

--THRU-
O9/03/2022

P.U.D. TECHNICAL:

O9/09/2022

BLDG PERMIT:

O9/27/2022

Reviewed for ode Compliance

11/28/2022



ANCHITECT

BOX 1463 879.4320

STEAMBOAT SPRINGS

COLORADO

80477



ANEW PLAN FOR THE
HOME RANCH
FITNESS
ACTIVITIES

27315
HOME RANCH ROAD
ROUTT COUNTY
COLORADO

SHEET NUMBER

 $\frac{N}{S}$ S-4.0

