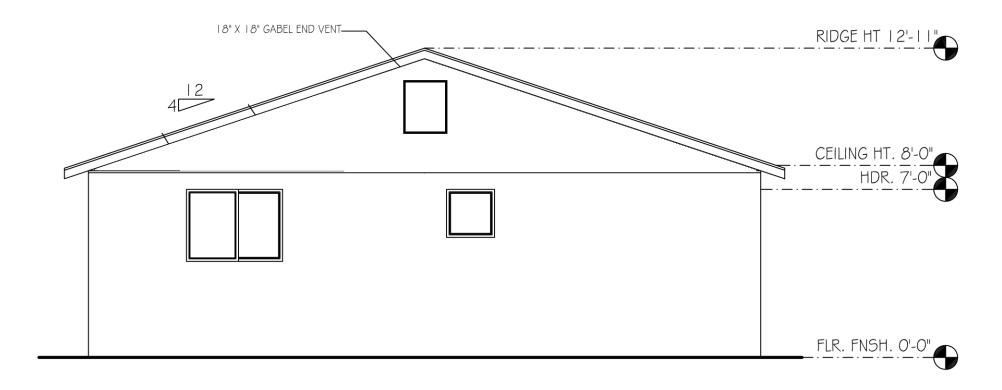


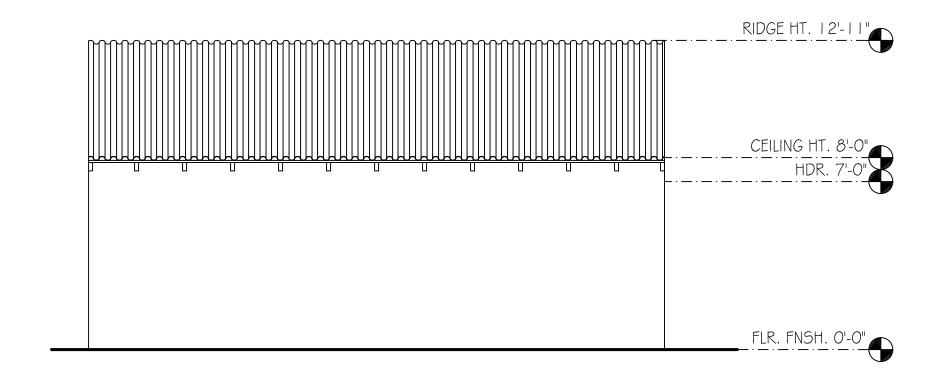
ELEV. 1 SCALE: 1/4" = 1'-0" PG. 1 OF 25

LAZARIAN WORLD HOME

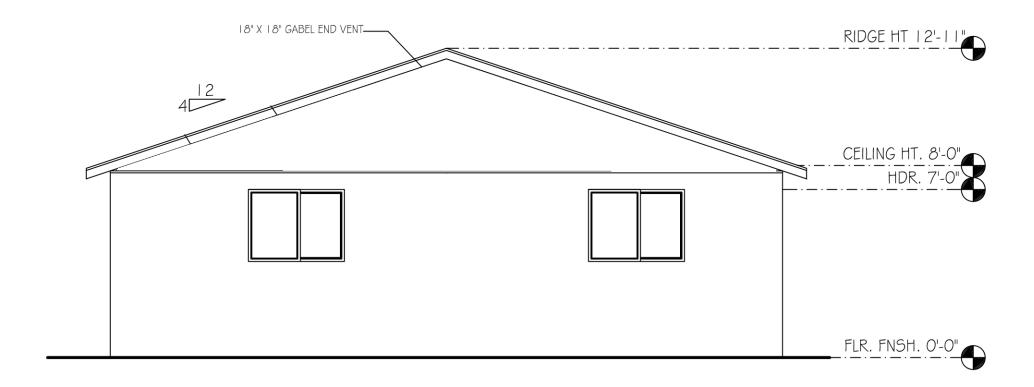


ELEV. 2 SCALE: 1/4" = 1'-0"

PG. 2 OF 25

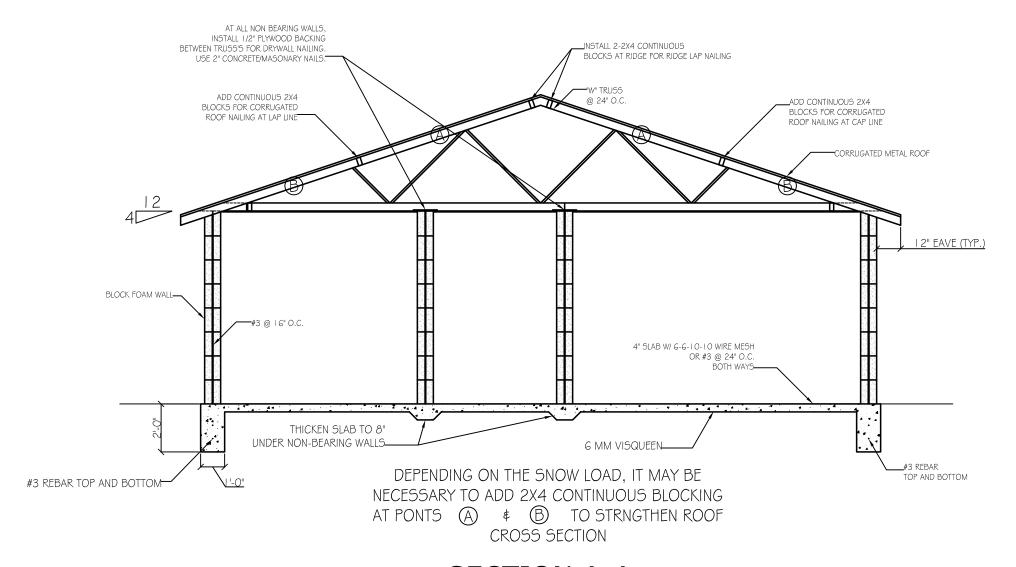


ELEV. 3 SCALE: 1/4" = 1'-0" PG. 3 OF 25



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

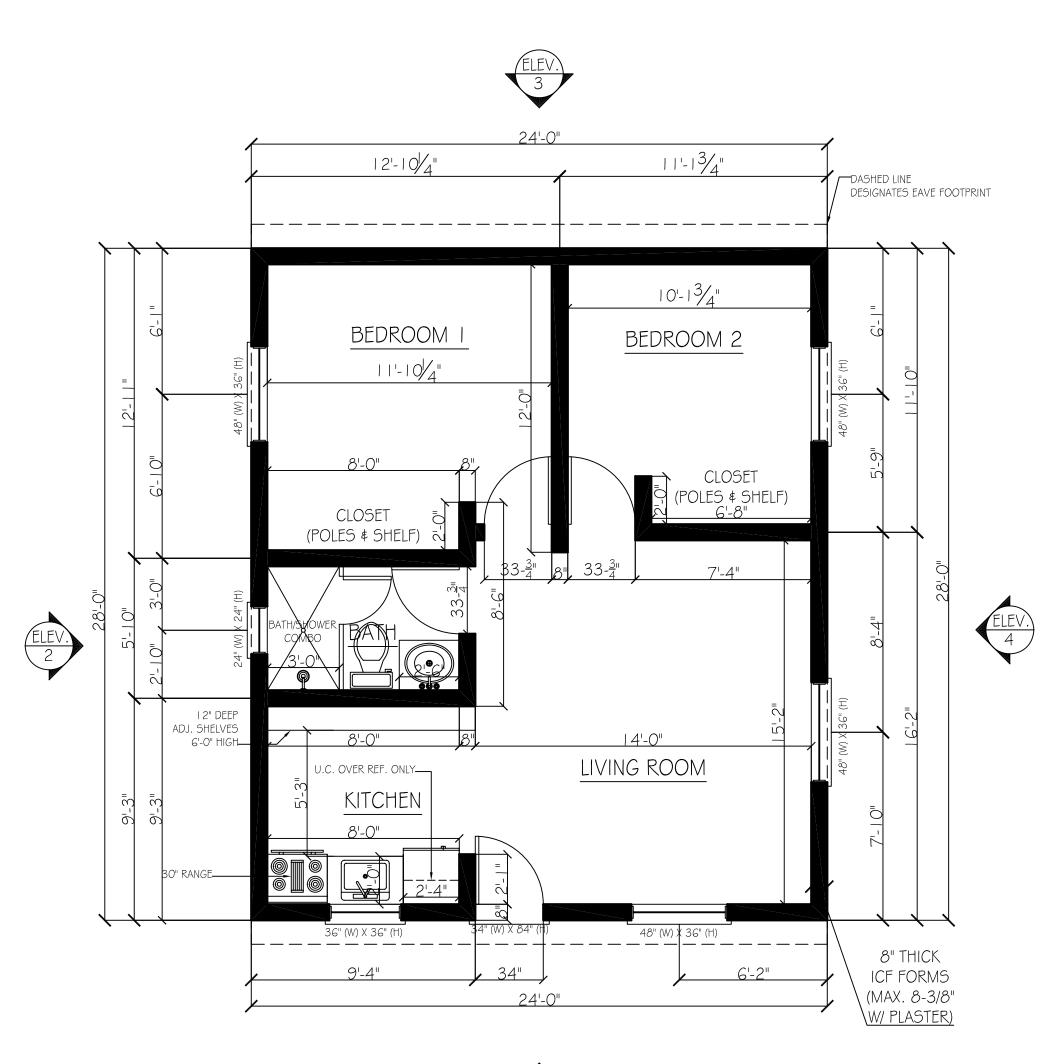
PG. 4 OF 25



SECTION A-A

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

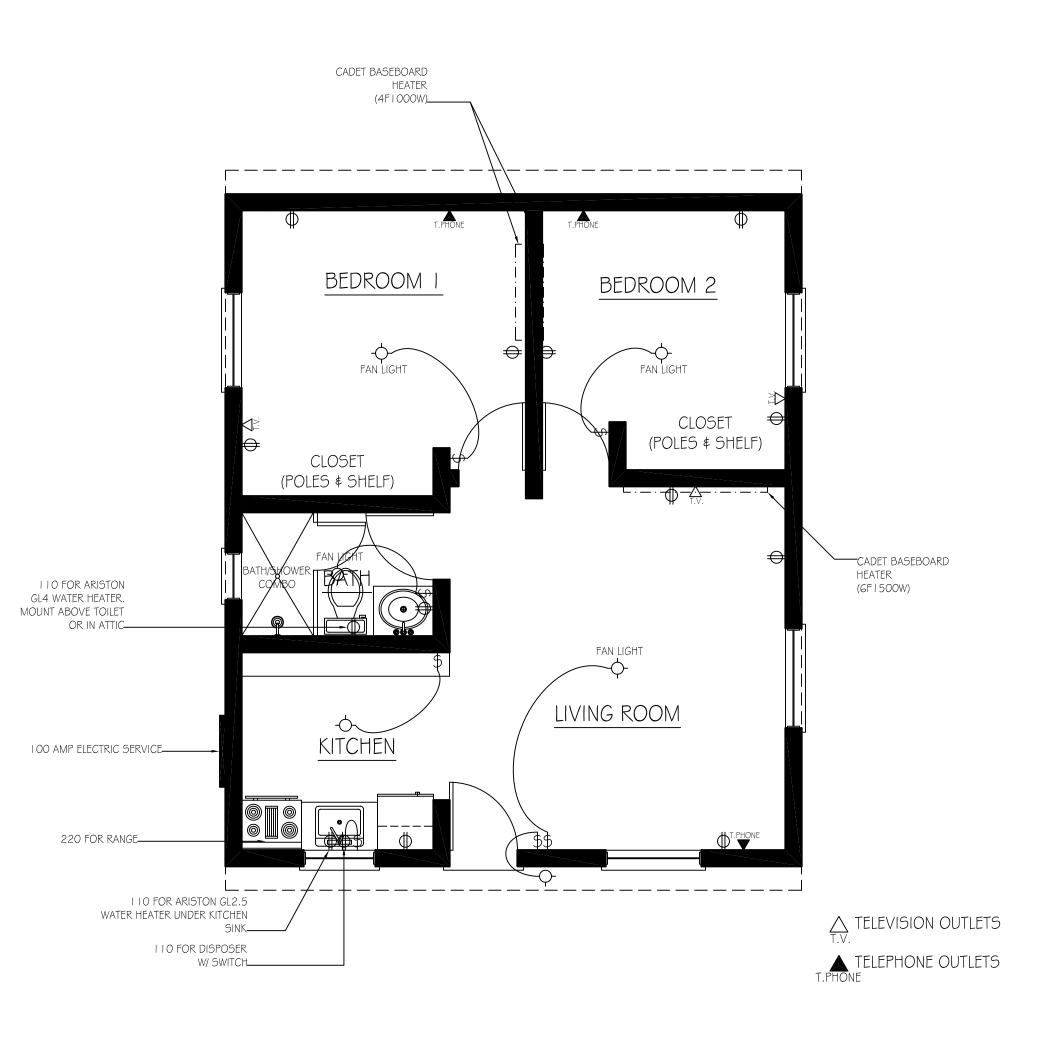
PG. 5 OF 25





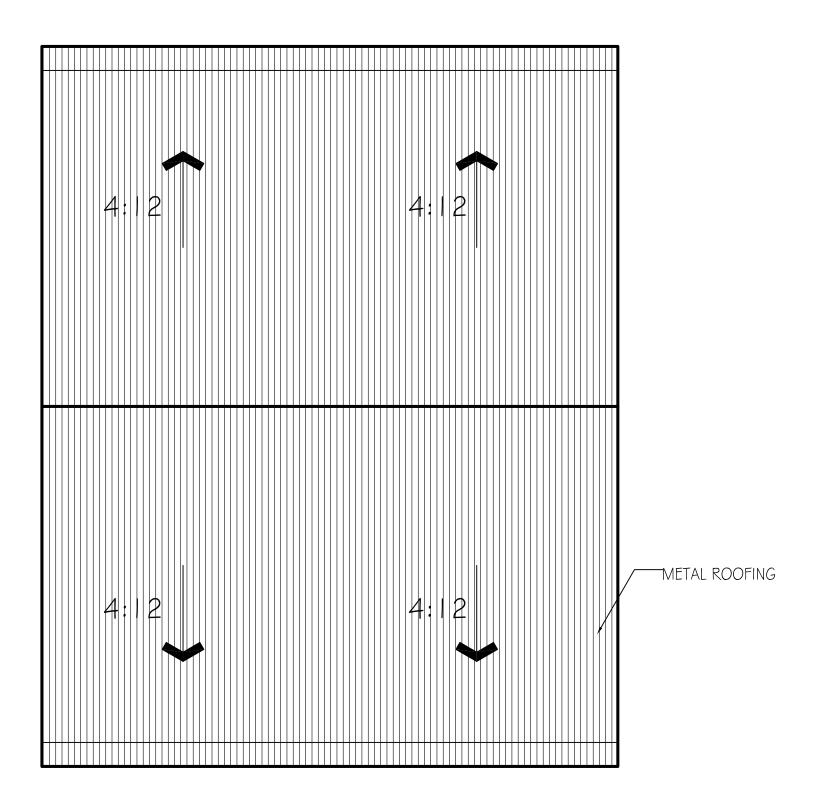
FLOOR PLAN

PG. 6 OF 25



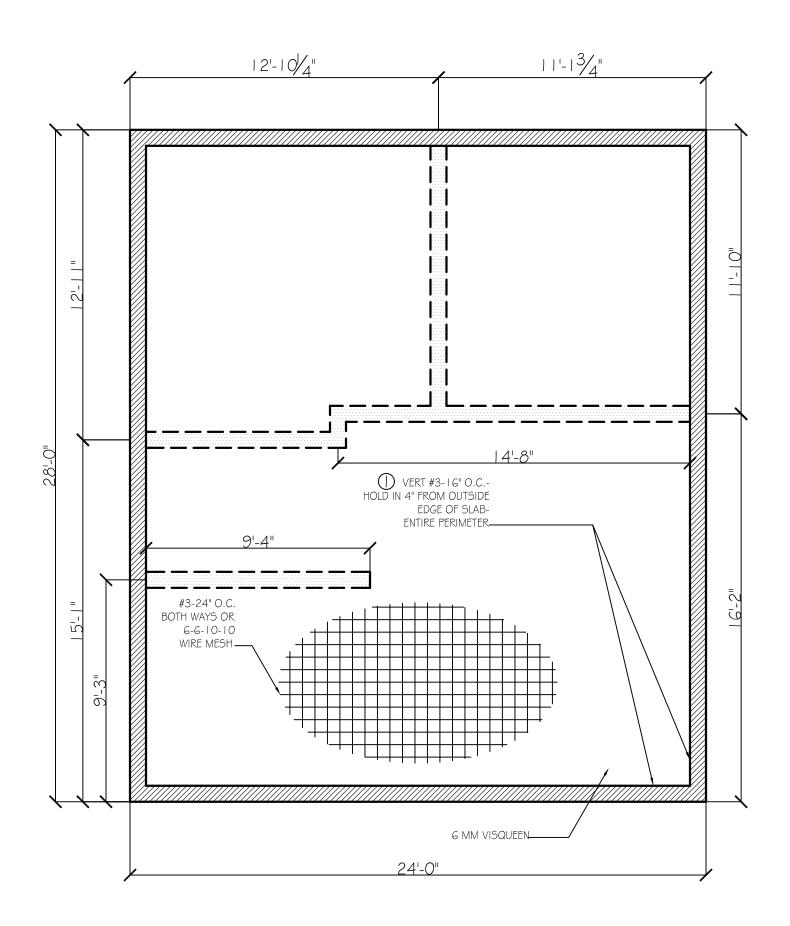
ELECTRICAL PLAN PG. 7 OF 25

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



ROOF PLAN PG. 8 OF 25

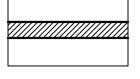
SCALE: 1/4" = 1'-0"



FOUNDATION PLAN

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

4" CONC. SLAB
SLAB DIMENSIONS 24'-0" WIDE X 28'-0" DEEP
4" THICK SLAB W/ #3 - 24" O.C.
BOTH WAYS OR 6-6-10-10 WIRE MESH
AND 6 MM VISQUEEN

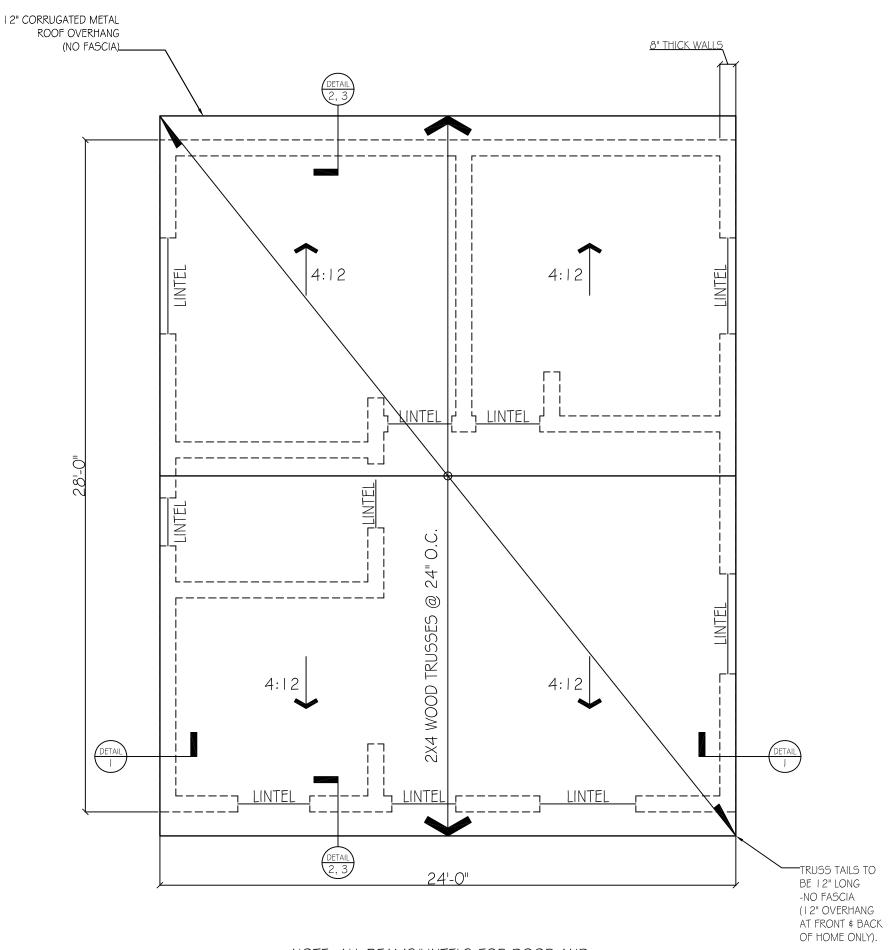


WALLS W/ FTGS. I 2" WIDE X 24" DEEP W/ #3 REBAR T&B CONTINUOUS - INSTALL #3 VERTICAL REBAR PER DETAIL ().



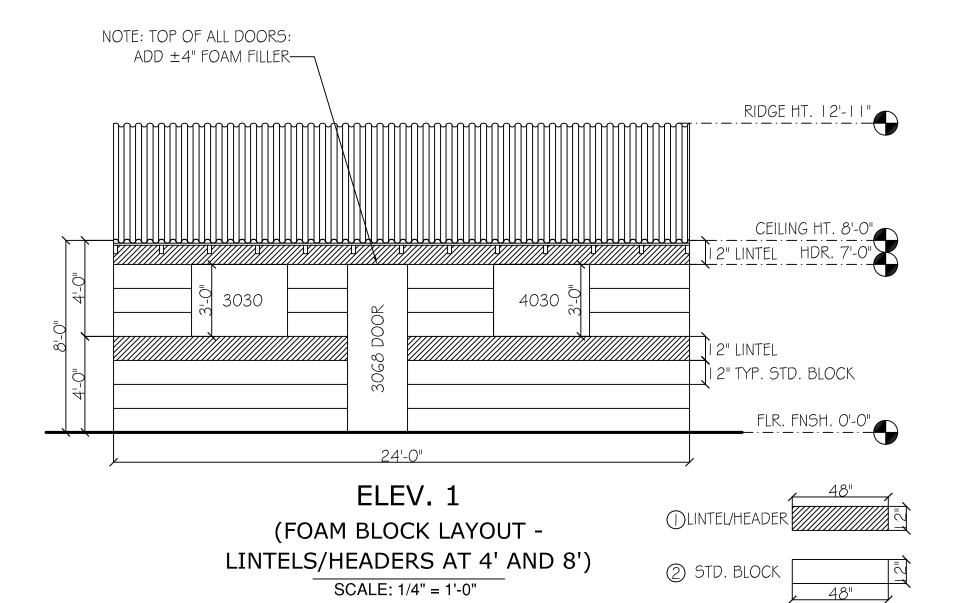
THICKEN SLAB TO 8" UNDER NON-BEARING WALLS (DRILL AND EPOXY #3 REBAR 3'-0" LONG 16" O.C. INTO ALL NON-BEARING WALLS WITH THICKEN SLAB).

USE 3'-O" LONG #3 AND EXPOSE 2'-O" LONG VERTICAL (THEREFORE | 2" INTO SLAB/FTG. AND TIE TO TOP REBAR). VERTICAL #3 REBAR TO BE | 6" O.C. ENTIRE PERIMETER OF SLAB (LAYOUT-HOLD IN 4" FROM OUTSIDE CORNERS AND FROM OUTSIDE EDGE OF SLAB).

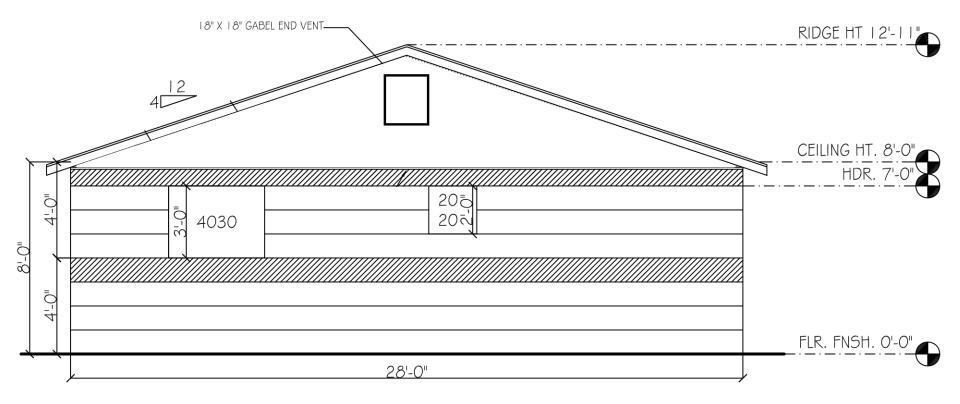


NOTE: ALL BEAMS/LINTELS FOR DOOR AND WINDOW OPENINGS TO BE SET AT TOP ROW OF FOAM BLOCK ONLY (8' PLATE LINE AND NET 7' HIGH FOR HEADER/LINTEL CLEARANCE)

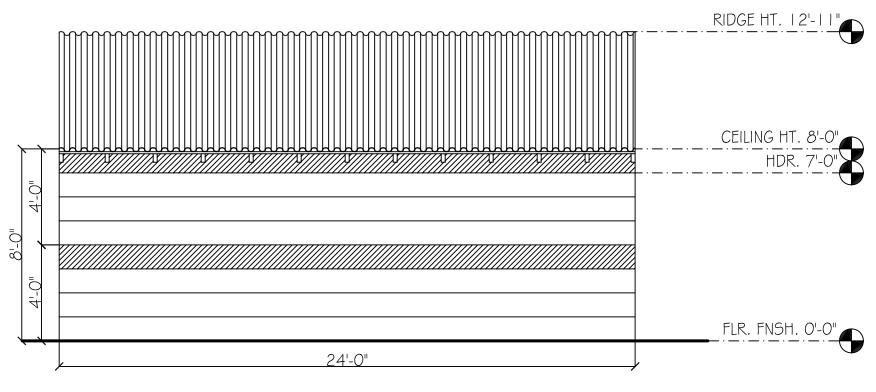
ROOF FRAMING PLAN PG. 10 OF 25 SCALE: 1/4" = 1'-0"



PG. 11 OF 25

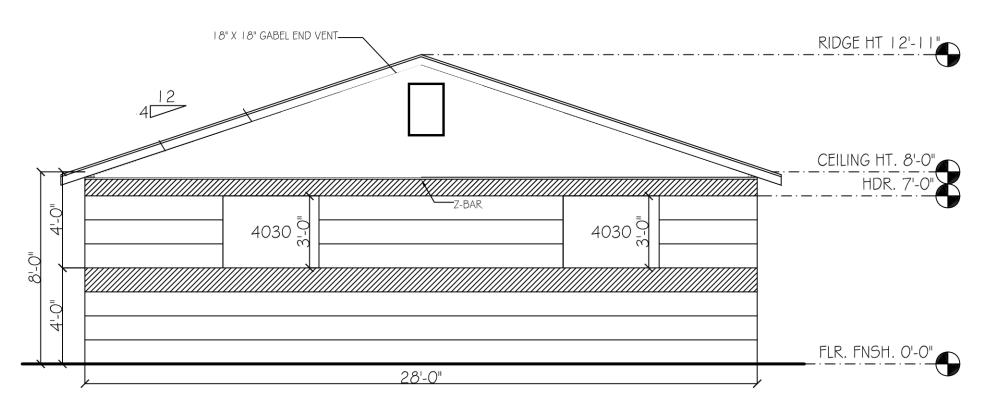


ELEV. 2 PG. 12 OF 25
SCALE: 1/4" = 1'-0"



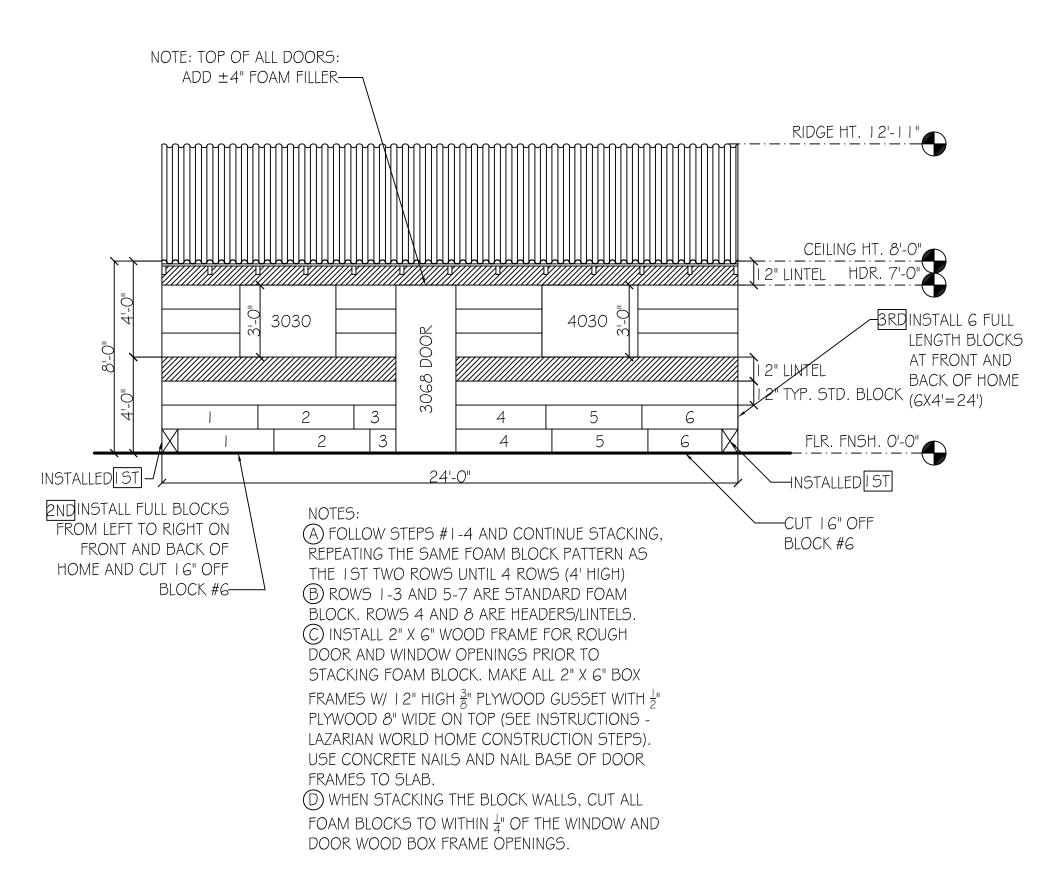
ELEV. 3 PG. 13 OF 25

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



ELEV. 4 PG. 14 OF 25

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

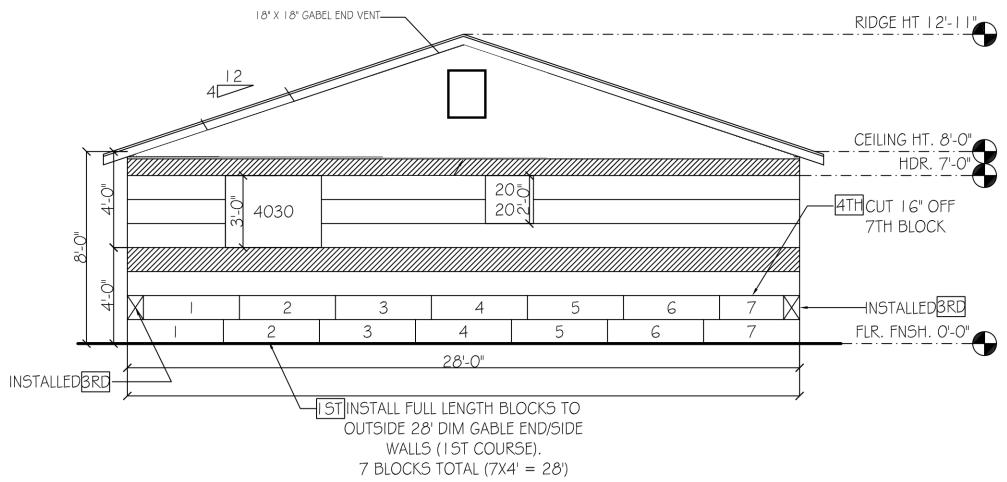


ELEV. 1

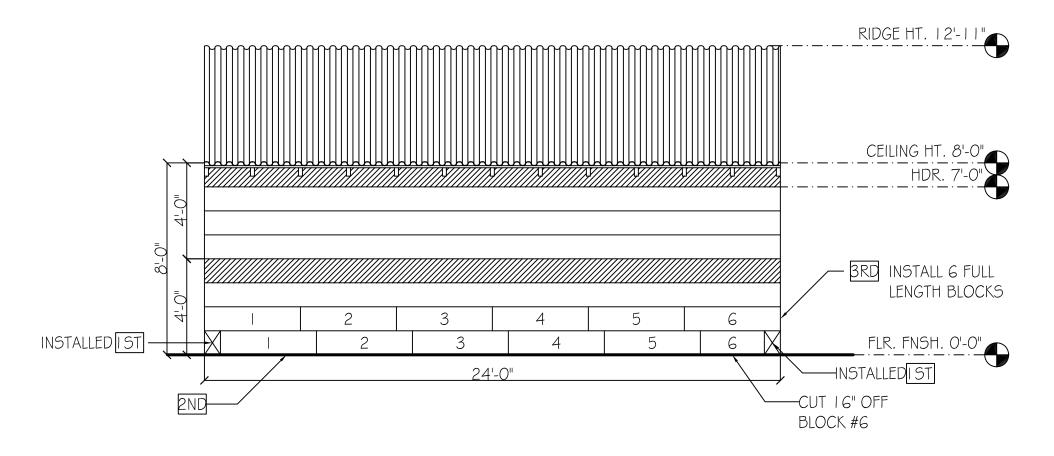
(STEPS TO STACKING FOAM BLOCKS PRIOR TO POURING CONCRETE IN THE WALLS)

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

PG. 15 OF 25

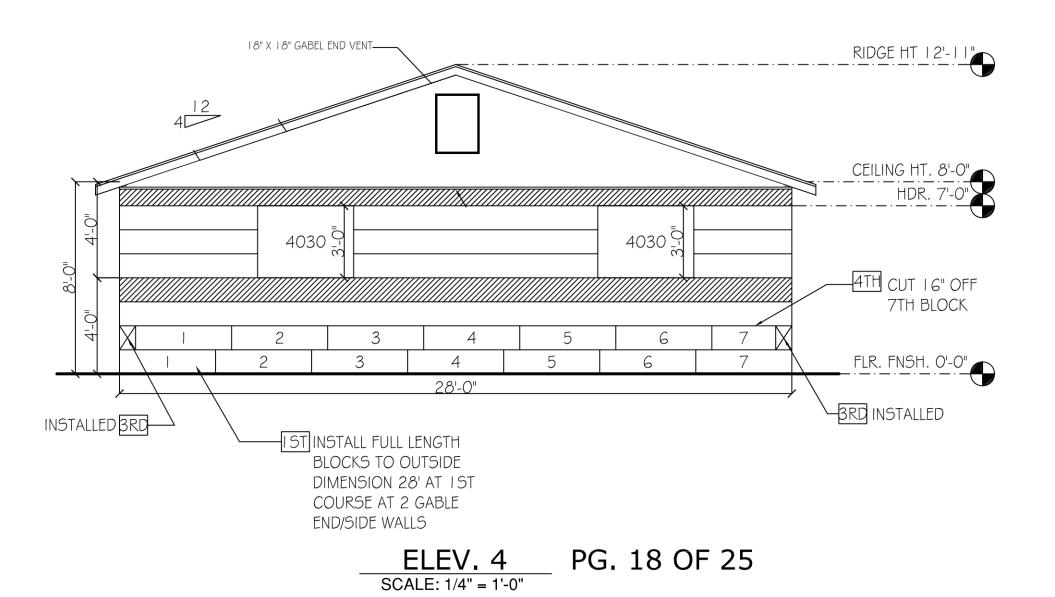


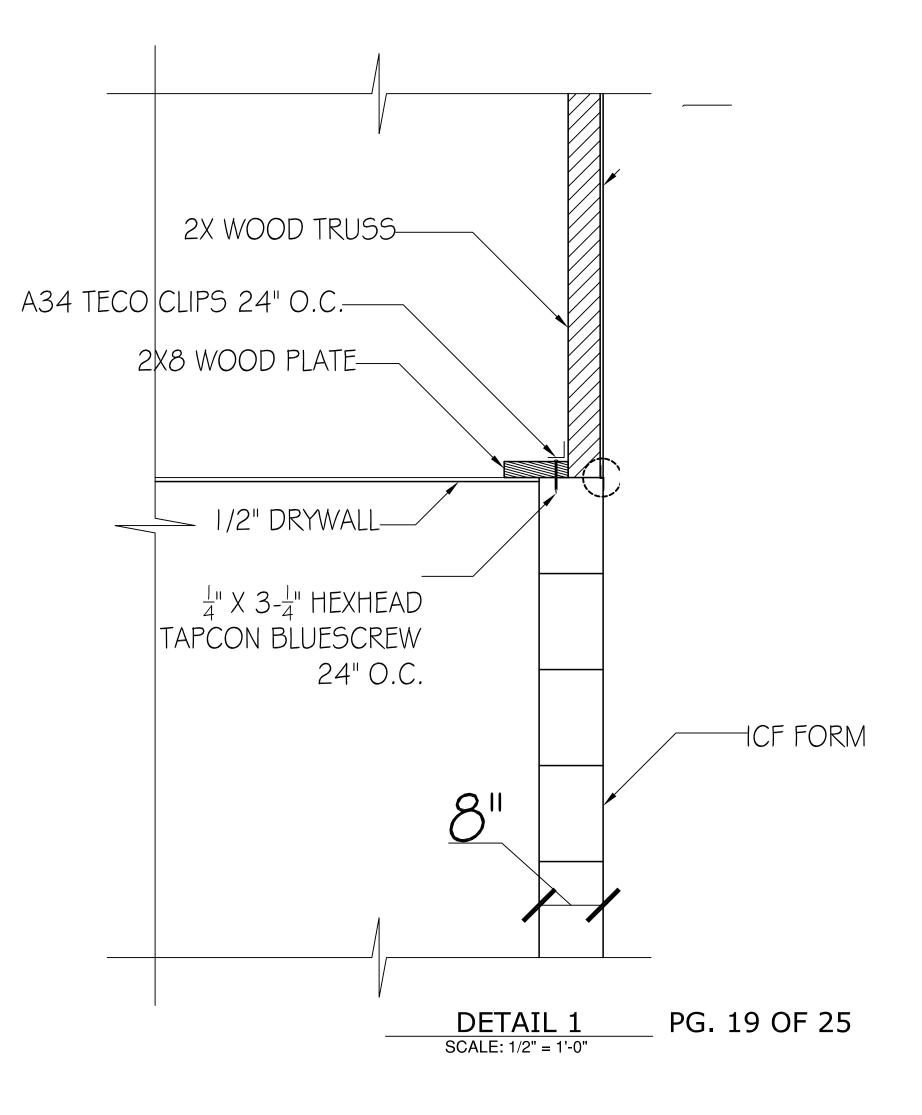
ELEV. 2 PG. 16 OF 25

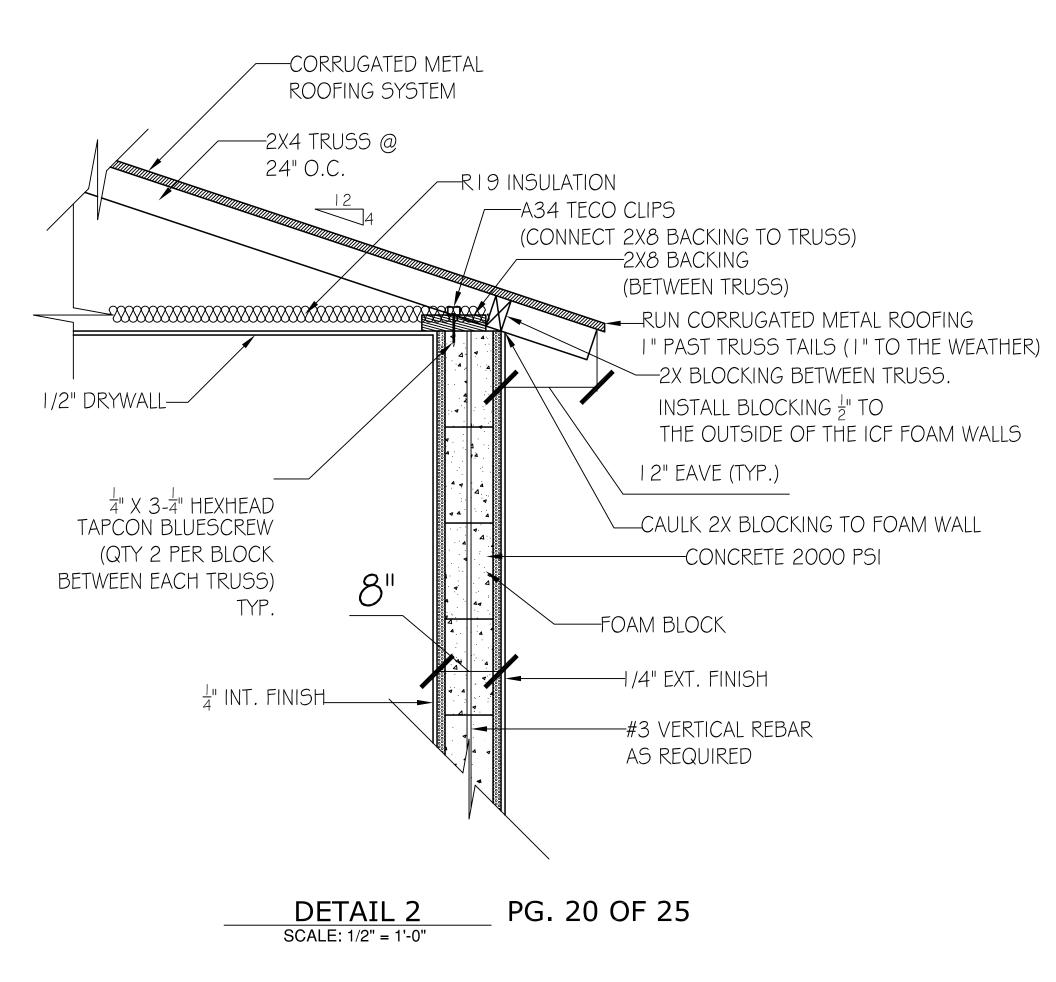


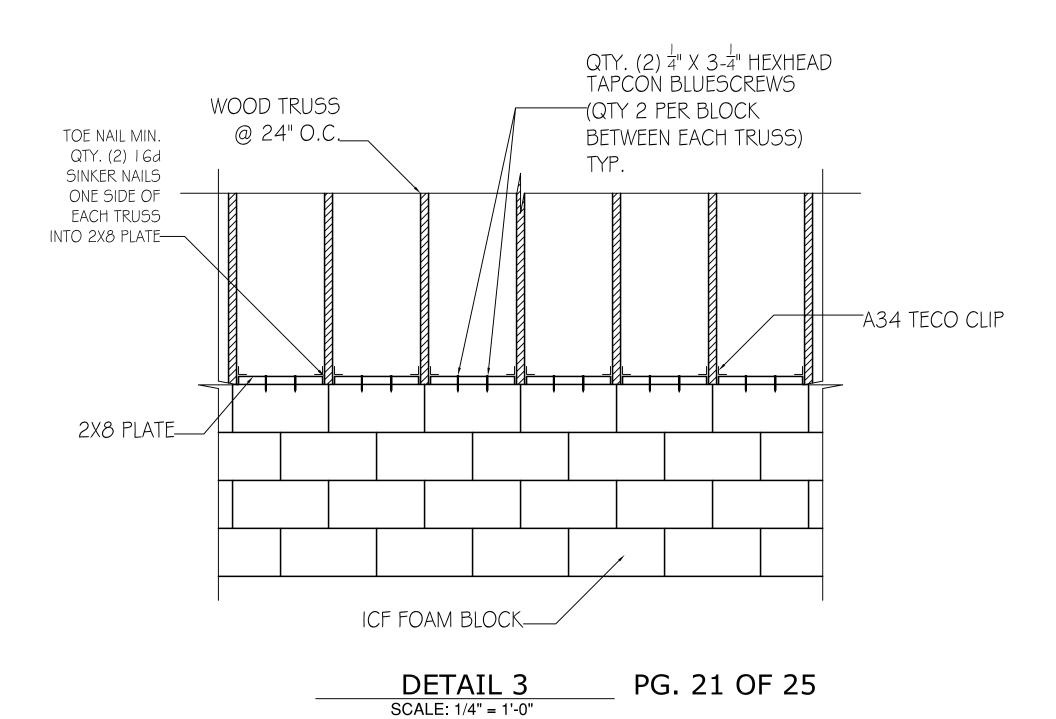
ELEV. 3 PG. 17 OF 25

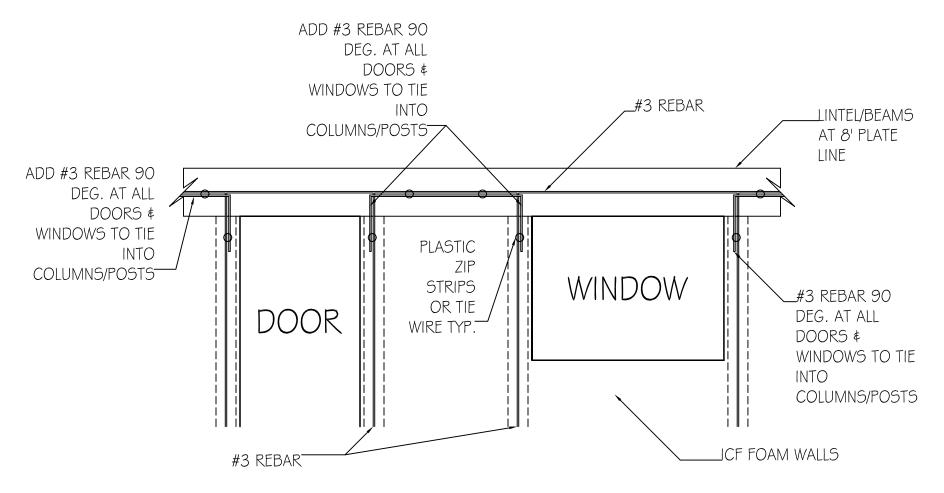
SCALE: 1/4" = 1'-0"











90 DEG. #3 REBAR TO TIE IN WALL COLUMNS TO LINTELS/BEAMS

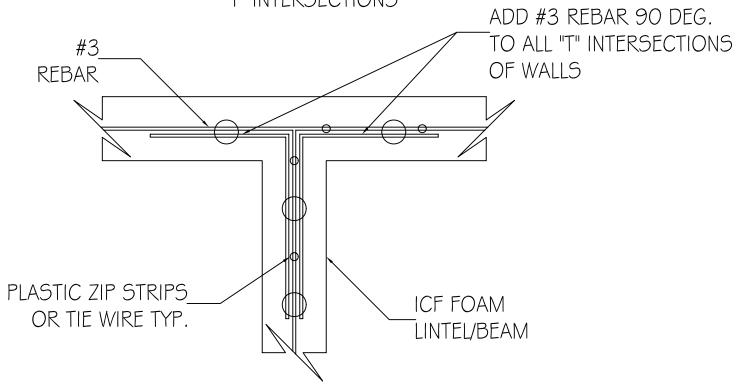
NOTE: DASHED LINES | DESIGNATE
CONCRETE COLUMN/KING STUD AT ALL DOORS
AND WINDOWS

NOTE: ALL 90 DEG. #3 REBAR PER DETAILS #4, 5 AND 6 TO BE 18" EACH SIDE/LEG.

DETAIL 4 PG. 22 OF 25

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

REINFORCE INTERSECTING WALLS - "T" INTERSECTIONS

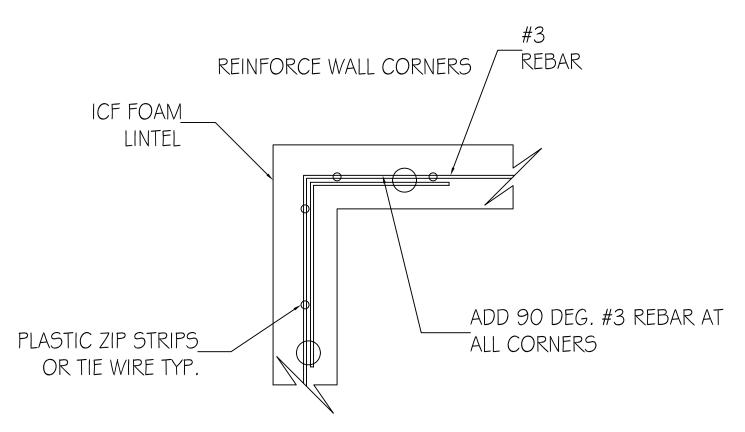


"T" INTERSECTIONS TO TIE IN WALLS AT 4' AND 8' HIGH BEAM/LINTELS

DETAIL 5
(PLAN VIEW)

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

PG. 23 OF 25



INSIDE/OUTSIDE CORNERS 90 DEG. #3 REBAR TO TIE IN WALLS AT 4' AND 8' HIGH BEAM/LINTELS

DETAIL 6
(PLAN VIEW)

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

PG. 24 OF 25







Trans ID: 215847 +7.4.0T(1L1-E

LUNGER SPECIFICATIONS

IC LATERAL SUPPORT == 12°EC. UCN, HC EATERAL SUPPORT == 12°EC. UCN.

TRUSS SPAR 24 0.0" LOAD DURATION INCREASE + 1.56 SPACED 21.0" 0.0.

COADING (CADING LET 18.8) + DL (10.0) ON TOP CHORD A DL (10.0) ON TOTAL LOAD + TOTAL LOAD +

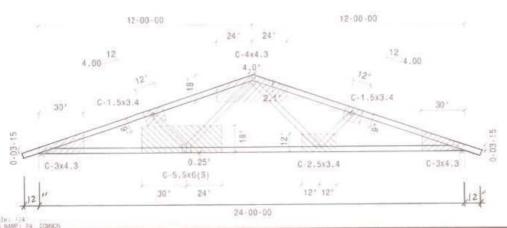
FIELD RIFAIR TO CONSTRUCT TRUBS TO FIELD, IN LIFE OF PLATES SHOWN, SHOULDE 1/2" CON PLYMOOD ON STRUCTURAL OWN TO SHOW HAZE CONNECTED WITH CONSILE STANCEMED AND CLINCHED AT DIMENTET THROUGHOUT

UBC 07.1F1 SINGLE WERRER FORCES 1 1- 1808 B 1- 1609 W 1-T 2- 1509 B 2- 1115 W 2-1 3- 1509 B 3- 1609 W 3-1 4- 1858 W 4-4MR(GOF) -346 512 -512 -345

#HAKINGS FHAC100 MEG-0 AMEA 90 DL) 797 1,96 MF (401) 797 1,96 MF (401) 100ATION 0 0.0*

MXX IL DEFL = -0.067 | L:2696 F 12 - 0.0° L/240 - 1.171 | MAX 11 DEFL = -0.198 | L:1415 F 15 - 5.8° L/180 = 1.561 | MX HORIZ, LI DEFL = 0.521 P 25 - 6.5° MAX HORIZ, T. DEFL = 0.362 P 25 - 8.5°

Max member CSI 71 0.40 Et 0.53 W1 0.09 72 0.37 52 0.43 W2 0.22 73 0.37 53 0.53 W3 0.22 74 0.40 W4 0.59



FILE NO.: 24 COMMON

DATE: 8/30/2007

DES. BY: MJ

SEQ.: 3596870

LAZARIAN WORLD HOME

(Parts and Equipment List)

NOTE - THE FOLLOWING ARE QUANTITIES FOR ONE (1) HOME.

1. Entry door - Home Depot SKU # 208588 Left Hand Entry - pre hung - Fanlite style 32"X 80" R.O. 33 3/4" X 82" (Jambs 4 9/16" wide with 2 3/8" backset for Quikset key bore style lock).

Qty (1) Exterior Door and Key Lock .(Qty - 1 Left Hand)

2. Interior Doors - Home Depot SKU # 699051 Left Hand and SKU # 699065 Right Hand 32" X 80" pre hung slab doors, R.O. 33 3/8 X 81 ½" (same jamb width and Quikset privacy bore style lock - backset as entry doors)

Qty (3) Interior doors and Privacy Locksets. (Qty -1 Left Hand and Qty - 2 Right Hand)

3. Living Room and Bedroom Windows - Jeldwen 4030 Vinyl sliding/bypass windows RO 47 ½"W X 35 ½"H. Two in living room and one in each bedroom. Home depot special order with NO tabs - order replacement type windows)

Qty (4) 4030 Windows.

4. Bath Window- Jeldwen 2020 Vinyl sliding/bypass window RO 23 ½"W X 23 ½"H. Bath window with OBSCURE glass. Home Depot special order with NO nailing tabs - order replacement type windows).

Qty (1) 2020 Window.

5. Kitchen Window- Jeldwen 3030 Vinyl double hung window RO 35 ½"W X 35 ½"H. Kitchen window. Home Depot special order with no nailing tabs - order replacement type windows

Qty (1) 3030 Window. Note: This window requires a min ½" chipping of concrete from columns to fit RO.

NOTE: ALL windows dual pane. All glass is clear - bath is obscure glass.

6. Foam Block - Ext Lin ft 104'--- Int Lin ft 60' ---- Total Lin Ft = 164' X 8' = 1,312 lin ft. (8' PLATE LINE THROUGH OUT) Order 1500 lin ft

ORDER: STANDARD CONCRETE FORM - 260 pieces

LINTEL CONCRETE FORM - 90 pieces (lintel is at 4' mid height and 8' top plate)

LINTEL HOLE PLUGS - 310 pieces (every other hole plus every hole at headers)

LINTEL END GATE - 60 pieces (headers and corner end runs)

NOTE: ALL FOAM MATERIAL TO BE FIREPROOF

7. CONCRETE SLAB - 24' X 28' - footings 12" X 24" deep w/#3 T&B continuous at EXTERIOR walls only. Install a 4" concrete slab w/#3 - 24" OC both ways. Alt: Use 6-6-10-10 WWM .Thicken slab to 8" under interior/ non bearing walls. Install Qty (1)- #3 rebar, 3' length 16"OC vertical in all EXTERIOR walls only and embed 12" into the wet concrete slab/footing: tie to top #3 bar in footing . When this is done, 2' of the #3 rebar will be exposed vertically. INTERIOR walls -after slab is poured and prior to installing ICF foam block at interior walls, drill and epoxy #3 rebar 3' long at 16" OC 6" into slab. IMPORTANT - Layout of ALL vertical rebar is 4" IN from OUTSIDE edge of slab, including corners .

Qty: (8 double tubes) two part EPOXY - caulking gun)

Qty: (3) - 5/8" masonry/concrete drill bits - NOTE: end of bit to fit ½" roto hammer drill

Qty: (800 sq ft) 6 mil visqueen (1 box) - moisture barrier under concrete slab

Qty: (2,500 lin ft #3 rebar) - 200 lin ft horizontal in footings, including non bearing wall thicken

slab + 2,300 lin ft #3 rebar vertical in walls.

Qty: (750 sq ft) 6-6-10-10 wire mesh under slab

8. Install lintels at 4', and 8' high and all lintels/ headers to have 1- #3 continuous horizontal. Install 1- #3 bar at all corners 90 degrees and lap rebar 12" - 18"". Walls to be poured in 2 pours - 4' mid height and 8' top out. ALL int and ext ICF foam walls to be 8' high.

9. 2"X4" WOOD TRUSS - 24" OC. There are Qty (13) 2" X 4" wood truss 's per home. Design for snow load (if required). The truss's bear at 28' to the outside edge of the ext wall, PLUS 12" tails/overhangs each end. Total truss length with 12" overhangs is 30'. The trusses should be designed for a 28' free span. The gable ends are at the side of the home. It is best to install 2"X4" wood backing 24" OC into the truss's (backing for the T1-11 at gable ends) prior to installing the trusses. The truss's at the gable ends are held in 1" from the outside wall and have 3/8" T 1-11 plywood on the exterior from the 8' plate line to the ridge. All truss's are attached to the 2"X 8"wood top plate by teco clips and toe nailing 2 - 16d nails to the side of 2"X 8" wood backing. ALTERNATE: Instead of Teco clips and toe nailing 16d nails to connect the trusses to the 2"X8" top plate, USE Qty (2) Simpson S/H3 Hurricane Ties - one to each side of each truss. The plans indicate the 2"X 8" wood backing is connected/screwed with 3 1/4" blue screws into the top of the concrete beam/lintel at the ICF form and held in to the interior 2" to provide backing for drywall nailing. ALTERNATE to connecting the 2X8" plate to the concrete beam at 8' plate line: Install 5/8" anchor bolts (layout so as to avoid trusses), with Simpson bp 5/8" square washers, into the 2'X8" top plate and place in wet concrete at the 8' plate line lintel/concrete beam immediately after pouring ... pressing the anchor bolts into wet concrete. After concrete is set/hard, then cut notches for truss placement. ALL truss's sit directly on the ICF forms and are connected at the side of the bottom cord to the 2"X 8" wood backing. The 2" X 8" wood backing is continuous on the gable end wall and cut so as to create a slot for the truss's on the front and back walls. Screw 1/2" drywall to bottom of truss for ceiling with drywall screws and to 2"X 8" backing at 8' plate line for ALL exterior walls. Install ½" plywood backing for drywall nailing at interior walls.

Qty: (13) 2X4 wood truss's - bearing at 28' long + 12" tails at each end - (total length 30' each truss). 1" camber in each truss

Qty: (8) Sheets 3/8" T1 -11 Resawn plywood - no grooves - for gable ends (Best to Install Prior to installing Corrugated Metal Roofing)

Qty: (250 sq ft) - Tyvek 3' wide sheets

Qty: (60 lin ft) Z bar flashing per Detail 1 of plans - Z bar (3"X 1"X 2")

Qty: (1 box) 8d sinker nails for nailing gun

Qty: (1 box) 16d - 3 1/2" sinker nails for nailing gun

Qty: (130 lin ft 2X8 #2 Doug Fir) - connect truss and backing for drywall at exterior walls.

Qty: (300 lin ft 2X4 # 2 Doug Fir) -for blocking between truss's at plate line, ridge line, corrugated roof lap line at pitch, etc.

Qty: (60) Teco clips with nails

Qty: (100) 1/4" Tapcon masonry hex head blue screws - 5" long

Qty: (200) 1/4" Tapcon masonry hex head blue screws- 3 1/4" long

Qty: (150) 1/4" Tapcon masonry hex head blue screws - 2 3/4" long

Qty: (3) extra drill bits for 1/4" masonry blue screws (3/16" bits - long to drill for 5" screws)

Qty: (52) Simpson S/H3 Hurricane Ties (Alternate connection - anchoring ends of trusses to 2"X8" top plate)

Qty: (54) 5/8"X8" anchor bolts with Simpson bp 5/8" square washers and nuts (Alternate method of anchoring 2" X 8" wood top plate 24" OC to concrete beam at 8' high)

10. CORRUGATED METAL ROOF- screw through metal to wood truss. Use self sealing screws. Overlap roof panels min 24" on the pitch side, with 13" overhangs at the front and back of home (12" plus 1" past truss tails).

Qty (50 sheets) - corrugated steel roof - 29 gauge galv 10' L X 26" W

Qty(40') ridge cap for corrugated steel roof

Qty: 20 boxes@50 each - 2" screws -Self sealing screws

11. DRYWALL CEILINGS - Screw ½" drywall to 2" X 8" nailer/ledger and to truss's (See #9)

Qty: (800) sq ft of ½" drywall board

Qty: Misc tools - hand and pole sanders, 120 and 220 grit sandpaper, 12" mud pans, mixers, 8" taping knives, utility jab saw, etc

Qty: Yellow Fiba Tape with mastic 500'

Qty: Drywall compound/ Mud

Qty: Bucket - 1 1/4" Drywall Screws

Oty: (10) Drywall Phillips Screw setter driver bits (#1 and #2)

Qty: (2) 24" wide steel trowels for drywall taping and plaster knockdown texture.

12.EXTERIOR / INTERIOR PLASTER - Expo Pro Bond Dry Adhesive (fine) 17-PRO (ph # 858-5664343) or Omega Dry Bond (ph # 800-6006634). Apply with trowel to all interior and exterior surface areas approx 1/4" thick.. Total area is approx. 2,500 sq ft.(2 sides of walls)

Qty for 1 home - (55) sacks @ 50 lbs each. (55 sacks @ 40 sq ft/ sack includes waste)

- 13. CAULKING: Caulk perimeter of all windows and doors both sides. Also, caulk in electric outlets, light cans/boxes All Holes.
- Qty: (8) tubes of Liquid Nails Adhesive-Projects and Foamboard
- Qty (4) caulking guns
- Qty (60) tubes Dap caulking with Silicone(5 boxes@ 12)
- 14. All Painting, Plumbing (rough and finish), Heating, 100 AMP Electric (rough and finish), Cabinets/Countertops, Lighting, Kitchen and Bath fixtures by others.
- Qty (1) Cadet Baseboard Heater 6F1500W (6'long) living room
- Qty (2) Cadet Baseboard Heater 4F1000W (4' long) each bed room.
- Qty (1) Ariston GL2.5 Water heater kitchen sink
- Qty (1) Ariston GL4 Water heater at tub/shower/sink.

Note: Use remodel type electric boxes with flanges for compression fitting. Rough in electric and plumbing installed in horizontal lintel channels and "vacant" vertical cavities in ICF forms. Rough plumbing installed in slab.

15. ATTIC VENTS:

Qty (2) Metal gable end attic vents (18" X 18")

16. CLOSET SHELVING:

- Qty (2) 1"X12" MDF shelving 8' long
- Qty (2) 1"X4" cleats/ledgers for shelving 12' long
- Qty (2) metal shelf brackets
- Qty (4) plastic or wood holders for closet poles
- Oty (2) 8' long wood closet poles

17 A. KITCHEN SHELVING:

- Qty (1) A. MDF KD adjustable shelving for kitchen 8' W X 6' H (2 base cabinets + 2 upper cabinets)
 - B. KITCHEN (36"W) AND BATH BASE (30"W) CABINET
- 18. FIBERGLASS BATTS: Install R-19 fiberglass batts insulation in all lids.
- Qty: (750 sq ft) 24" wide R-19 Kraft paper face.
- 19. MILLWORK: Kitchen cabinets, top for sink and bath vanity furnished by others.

20. LIGHTS:

Qty: (3) ceiling fan- lights for livingroom and bedrooms

Qty: (1) kitchen ceiling light

Qty: (1) Broan/ Nutone bath ceiling fan/light

Qty: (1) Exterior entry wall hung light

Qty: (2) Halo H7 Can lights - for kitchen sink and bath vanity

21.SHUTTERS:

Qty: (4) plastic shutters 36" H for living room windows

Qty: (2) plastic shutters 36" H for kitchen window

22. FIBERGLASS TUB/SHOWER

Qty (1) Lasco 2 piece tub/shower - left hand

23. MISC ITEMS

Qty:(1 Box) 8d wood nails (sinkers)

Qty: (1 Box) 16d wood nails. (sinkers)

Qty: (2) Electric wire wands, with Extra Wire - to cut ICF foam block to fit door and window rough openings - snug fit to 2X6 wood frame.

Oty: (1) Transformer to cut foam

Qty: (4) rolls of tie wire for rebar (Alt: If necessary -use as replacement for zip ties)

Qty: (5) Linesman pliers to tie rebar

Qty: (400) 3/16" wide plastic Zip Ties - to tie rebar

Qty: (3)Wood saws

Qty: (8) Hole saws

Qty: (1) Electric Milwaukee Sawszall

Oty: (12) blades for sawszall - 4 blades each to cut foam ,wood, steel (8", 10", 12")

Oty: (1) 4 ½" Makita cutter/grinder

Qty: (12) Blades for Makita grinders to cut concrete, steel/rebar - Also diamond blades

Qty: (1) Dewalt compound mitre saw

Qty: (1) Skil saw with 3 blades - wood

Qty:(2) Hack saws with 6 blades

Qty: (3) DeWalt - 5" Orbital sanders

Qty: (20) cartons of 60 grit, 8 hole sandpaper for Dewalt orbital sander

Qty: (5) cartons of 100 grit, 8 hole sandpaper for DeWalt orbital sander

Qty: (1) Porter Cable Nail Gun - nail gun to handle up to 16d nails

Qty:(6) 16 oz hammers

Qty: (4) Sheets ½" 4'X8' CDX Plywood (gussets, etc.)

Qty (50) 2"X 6"- 8' long for window/door cutouts and lintel supports to pour concrete.

Qty: (3) tubes Henrys waterproof mastic for roof vents/penetrations.

Qty: (8) cans plumbing Great Stuff spray foam big gap filler

Qty: (2) sheets 4'X8' 1/4" masonite

- Qty: (2) metal "L" squares
- Qty: (2) large "T" squares
- Qty: (8) Large Trowels to apply plaster 4 with foam backing and 4 steel
- Qty: (18) 5 gal buckets,
- Qty: (4) caulking guns.
- Qty: (1) gallon Bondo with extra catalyst.
- Qty: (10) 2" Steel putty blades
- Qty: (6) 6" Steel putty blades
- Qty: (9) Utility knives extra blades
- Qty: (2) Milwaukee Electric Drills heavy duty Drill/Roto Hammer Combo with ½" chuck
- Qty: (6) 50' Electric cords
- Qty: (3) Long mixing blades for plaster and drywall compound
- Qty: (2) Sets Wood drill bits
- Qty: (2) Sets Masonry bits (all bits to fit in ½" chuck)
- Qty: (2) 14.4V De Walt Battery drills 2 batteries and charger per drill
- Qty: (6) 4" paint brushes cut in brushes
- Qty: (48) Weenie rollers for rough texture
- Qty: (6) Long handles for weenie rollers
- Qty: (3) metal grids for painting 5 gal buckets
- Qty: (20) Plastic paint trays
- Qty: (300) 3" concrete nails
- Qty: (200) 2" concrete nails
- Qty: (2) 4' levels
- Qty: (2) Chalk lines + chalk
- Qty: (1) Can red spray paint
- Qty: (2) screw driver sets
- Qty: (4) work bench/ saw horses
- Qty: (2) Small wrench and socket sets
- Qty: (2) Gang Boxes -metal tool boxes to hold small power and hand tools
- Qty: (24) Rolls of 1 1/2" masking tape (4packs @ 6 ea)
- Qty: (24) Rolls of Red plaster tape
- Oty: (4) rolls duct tape
- Qty: (2) Boxes painters 4 mil Visqueen
- Qty: (1) Heavy duty Vertical Air Compressor (220)
- Qty: (2) Hoppers for air compressor to spray on plaster
- Qty: (4) 50' Air hoses and fittings
- Qty: (3) 6' Husky fiberglass ladders
- Qty: (2) 8' Husky fiberglass ladders
- Qty: (1) roll of teflon tape
- Oty: (4) 100 foot water hoses
- Qty: (1) Electric Concrete Mixer
- Qty: (3) Boxes rags
- Qty: (2) Set masonry chisels
- Qty: (1) Gasoline Generator (110/220) 6500W
- Qty: (2) Quarts motor oil generator
- Qty: (4) 25' tape measures

Qty: (1) 100' tape

Qty: (1) Large Bolt cutter - to cut and bend rebar

Qty: (1) Staple gun (for stapling Tyvek and Insulation to truss's))

Qty: (2) Boxes of staples

Qty: (6) Nail bags (one pocket)

Qty: (2) Small boxes 3 1/2" drywall nails - grey exterior

Qty:(10) #3 Phillips screwdriver bits - De Walt - for Tapcon Blue Screws

Qty: (10) 1/4" hex drive bits for roofing screws - De Walt

Qty: (1) Small concrete pump - to handle transit mix concrete truck

Qty: (1) First aid Kit

Qty: (6) Cans WD40 - for plaster hopper

Qty: (4) Brooms

Qty: (2) 6' pipe clamps Qty: (2) 8" "C" clamps