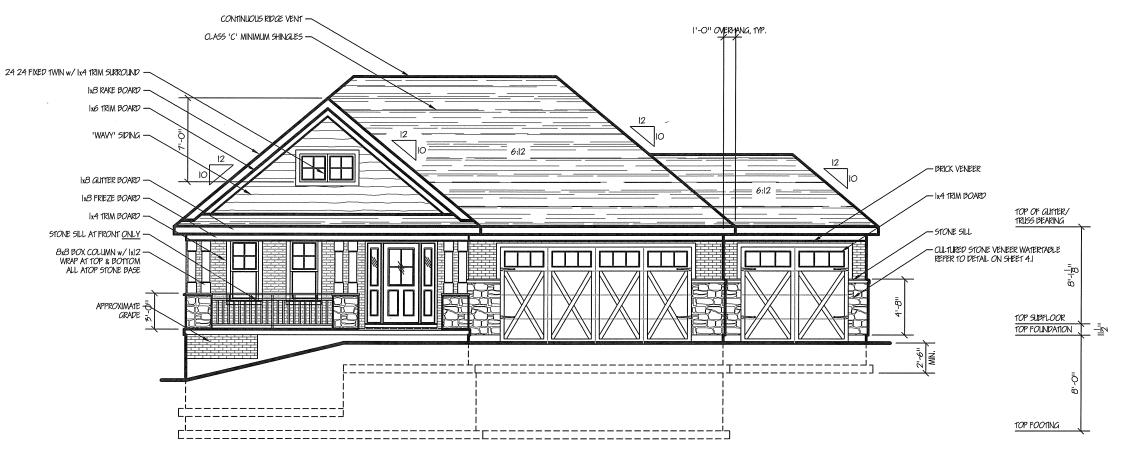
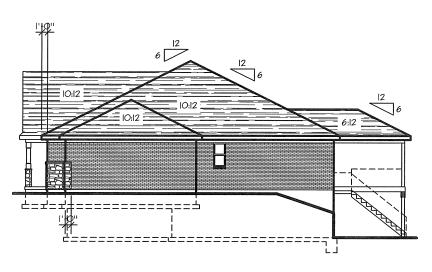
INDEX TO THE DRAWINGS		
SHEET NO.:	DESCRIPTION:	
1.1	ELEVATIONS	
2.1	FOUNDATION PLAN	
2.2	FINISHED LOWER LEVEL PLAN AND SECTION	
5.1	FIRST FLOOR FRAMING PLAN	
4.1	GENERAL NOTES, SECTIONS	
4.2	WALL BRACING DETAILS	
5.1	FIRST FLOOR MECHANICAL PLAN	

SPAN	STEEL LINTEL SIZE
5'-0" OR LESS	31/2" x31/2" x5/16"
5'-1" 10 7'-0"	4" x 3 1/2" x 5/16"
7'- " 10 9'-0"	5" x31/2" x5/16"
9'-1" 10 11'-0"	6" x31/2" x3/8"
11'-1" 10 16'-0"	8" x 4" x 7/16"



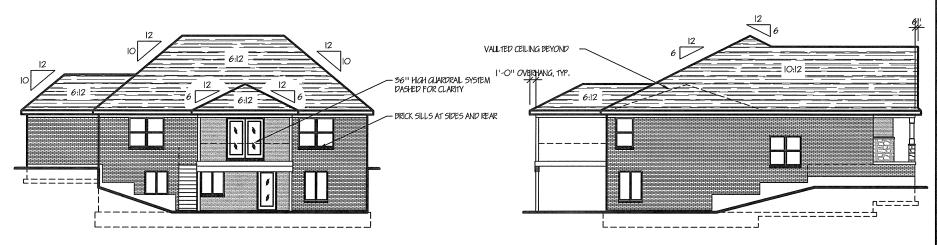
# FRONT ELEVATION

Scale: |/ 4" = |'-0" (24x36) Scale: |/ 8" = |'-0" (||x|7)



SIDE ELEVATION

Scale: |/8" = |'-0" (24x36) Scale: |/16" = |'-0" (1|x|7)



REAR ELEVATION

Scale: |/8" = |'-0" (24x36) Scale: |/16" = |'-0" (||x|7)

SIDE ELEVATION

Scale: |/8" = |'-0" (24x36) Scale: |/16" = |'-0" (1|x|7)

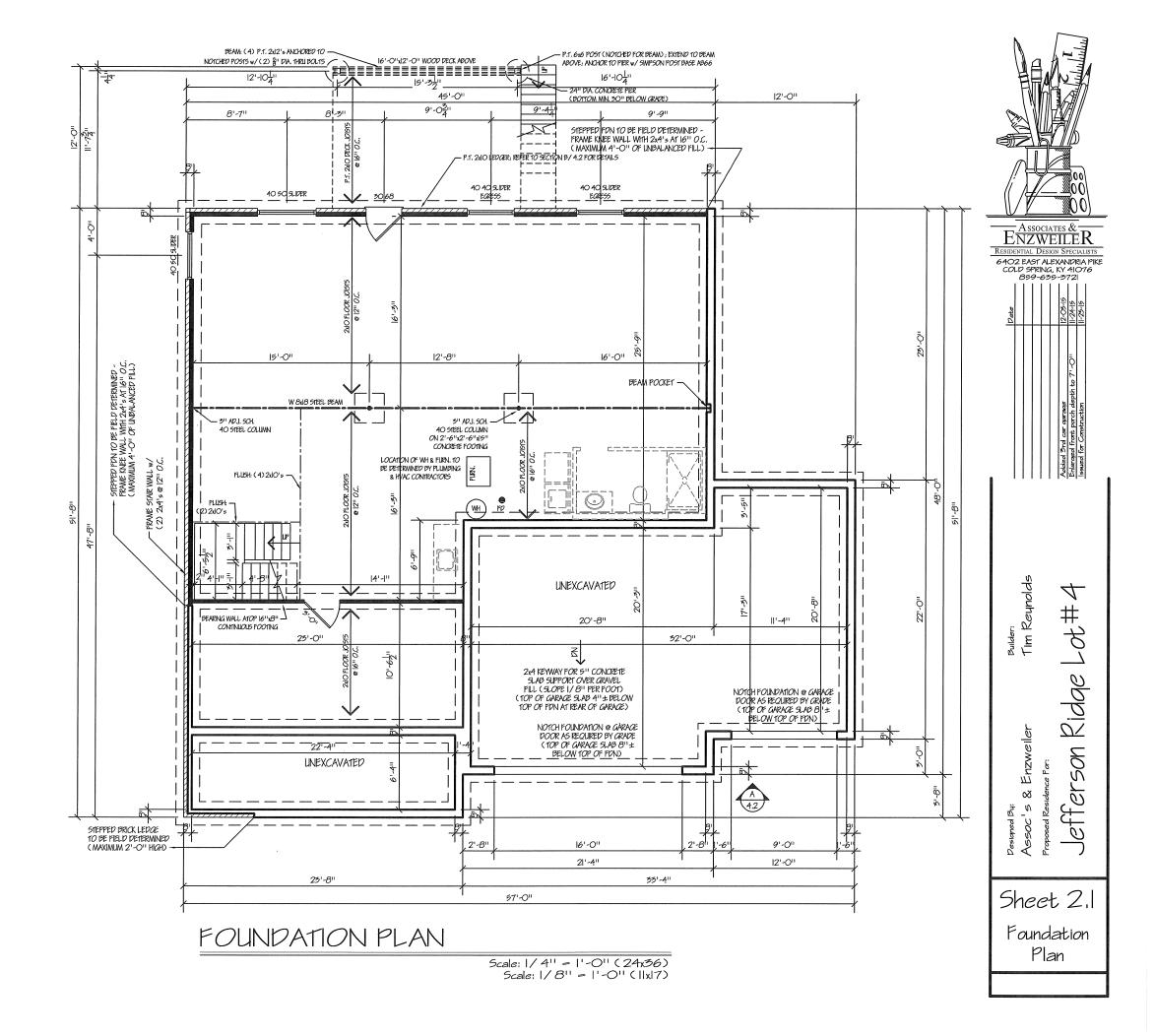


ENZWEILER RESIDENTIAL DESIGN SPECIALISTS

6402 EAST ALEXANDRIA PIKE COLD SPRING, KY 41076 859-635-3721

& Enzweile efferson Designed By: Assoc's

Sheet I.I Elevations



NOTE: - ALL DIMENSIONS ARE TO FOUNDATION LINLESS NOTED OTHERWISE

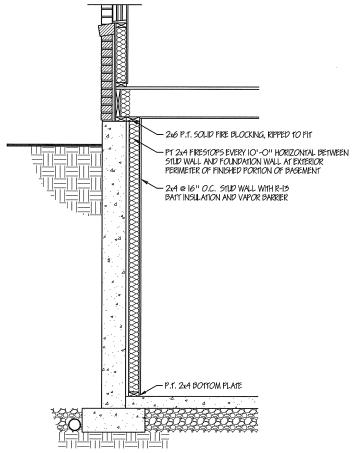
- FINISHED LOWER LEVEL NOTES: ALL WOOD FRAMING MEMBERS IN CONTACT WITH CONCRETE FLOOR OR WALLS TO BE PRESSURE TREATED
- TREATIEN

   HVAC & PLUMBING CONTRACTORS TO DEMONSTRATE ADEQUATE COMBUSTION AIR OR INCREASE

  COMBUSTION AIR DIE TO DECREASING AREA OF UNFINISHED BASEMENT

   PROVIDE 4" DUCT FROM EXTERIOR TIED INTO FURNACE RETURN DUCT WITH MANUAL DAMPER

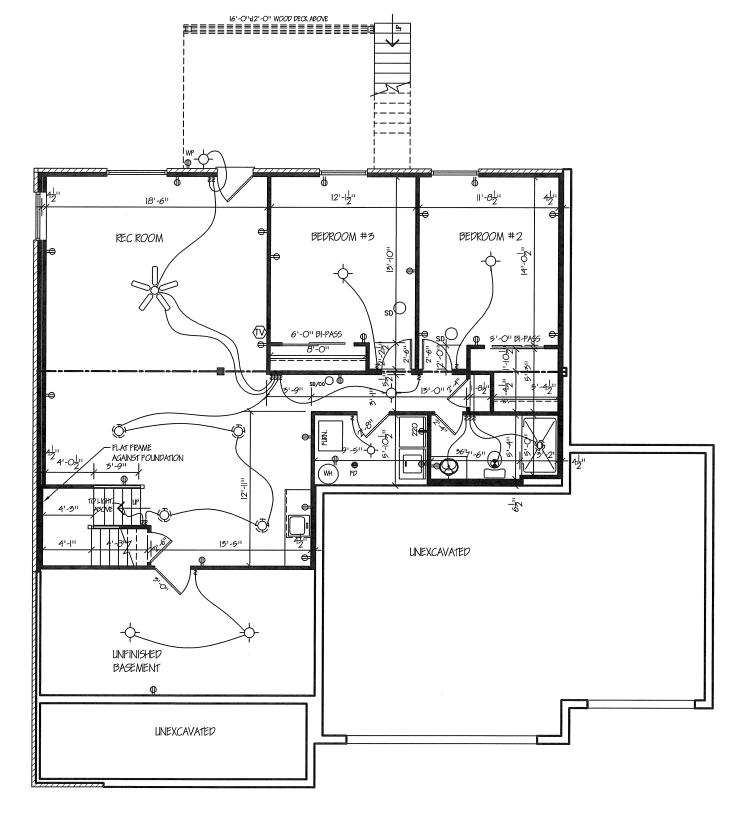
MECHANICAL LEGEND					
\$	SWITCH	Oso	SMOKE DETECTOR		
<b>-</b> ф-	LIGHT FIXTURE	SD/CO	SMOKE DETECTOR/ CARBON MONOXIDE DETECTOR COMBO		
$- \bigcirc_{\overline{P}.\mathcal{L}.}$	PULL CHAIN LIGHT	35/00			
<b>Ø</b>	RECESSED LIGHT	<b>≩ Ф</b>	WEATHERPROOF OUTLET		
<b>®</b>	RECESSED DIRECTIONAL	φ	DUPLEX OUTLET		
	FLOOD LIGHT	220 <b>Q</b>	DRYER/RANGE OUTLET		
	FLLIORESCENT LIGHT	▼	PHONE JACK		
	CEILING FAN & LIGHT FIXTURE	€	CABLE TV JACK		
1	Q DISTITUTED	8	BATHFAN		
		Ŧ	HOSE BIB		





Typical Wall Section

Scale: 3/4'' = |'-0''| (24x36)Scale: 3/8'' = |'-0''| (||x|7)



# FINISHED LOWER LEVEL PLAN

Scale: |/ 4" = |'-0" ( 24x36) Scale: |/ 8" = |'-0" ( ||x|7) 1260 58 - 06-11-14



Builder: Tim Reynolds 8 Ridge

Enzweiler Jefferson

Sheet 2.2

Fin. Lower Level Plan

- ALL INTERIOR WALL DIMENSIONS ARE 3 1/2" LINLESS OTHERWISE NOTED CONSTRUCTION METHODS AND ELECTRICAL/ MECHANICAL INSTALLATIONS
- MAY CAUSE ROOM SIZES AND EXTERIOR APPEARANCES TO VARY.
- ALL FEDERAL, STATE AND LOCAL CODES, ORDINANCES AND REGILATIONS. ETC. SHALL BE CONSIDERED PART OF THE SPECIFICATIONS OF THESE DRAWINGS AND ARE TO BE ADHERED TO EVEN IF IN VARIANCE WITH

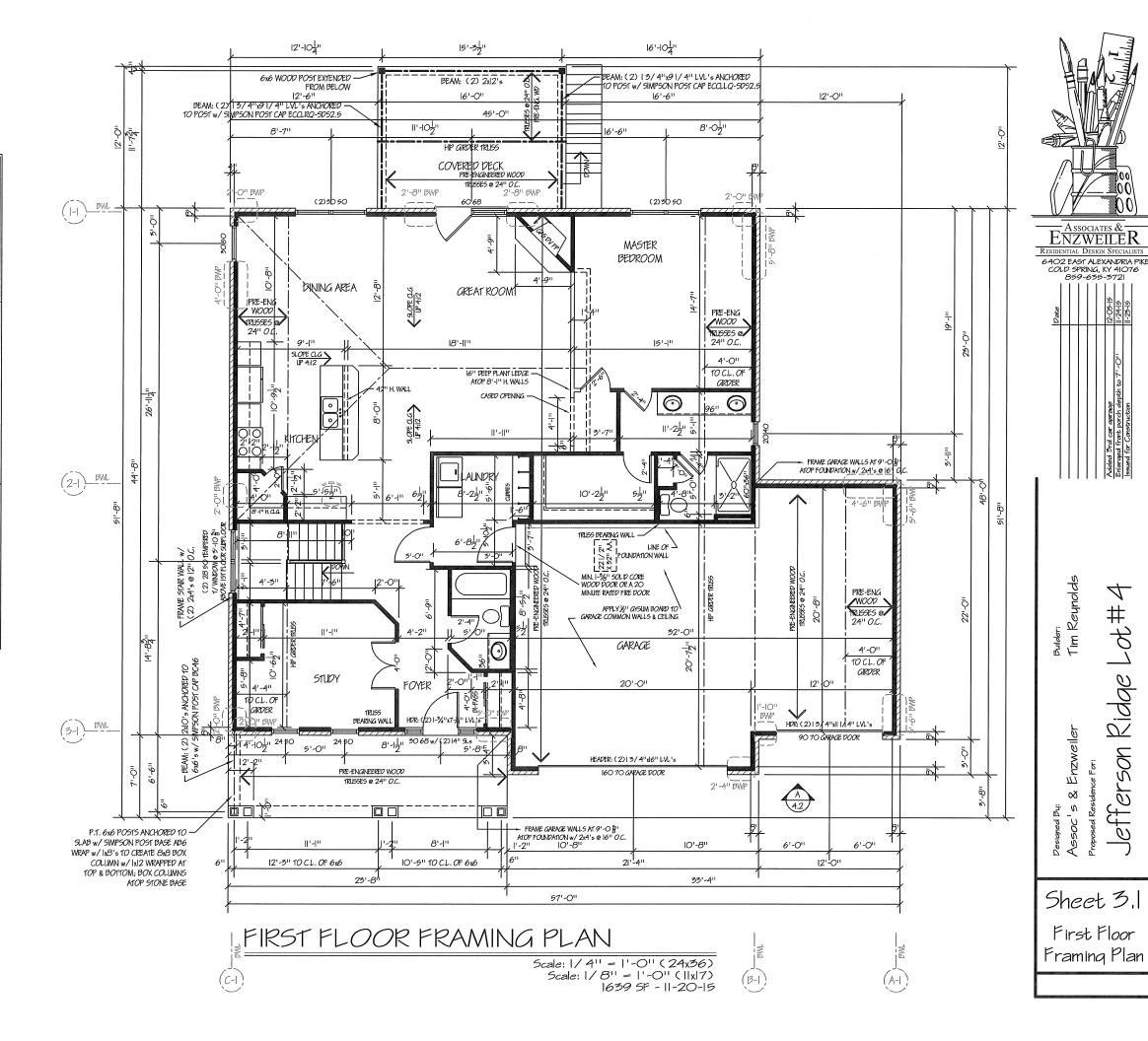
WIND CALCULATIONS					
IRC TABLE R602.10.1.2(1) F00TNOTES		LETTERED WALL LINES			
EXPOSURE CATEGORY	1.00	1.00			
ROOF EAVE-TO-RIDGE HEIGHT	1.00	1.00			
WALL HEIGHT		0.90			
NUMBER OF BRACED WALL LINES		1.00/1.30			
WIND FACTOR TOTAL		0.90/1.17			

### WALL BRACING TABLE PANELS WITH HOLD DOWNS TOTAL REQUIRED BRACING LENGTH BRACED TOTAL WALL LINE (BWL) WALL LINE REQUIRED SPACING BRACING FACTOR TOTAL GYPSUM FACTOR BRACING LENGTH PROVIDED (BWP) BRACING METHOD 44.00' 0.90 N/A N/A 5.94' 9,331 C5-WSP 6.60' 2-1 N/A 4,50' CS-WSP 22.00 3.80° 1.17 N/A 4.451 CS-PF 3-1 CS-WSP 44.00' 6.60' 0.90 N/A N/A 5.94' 9.17' A-I CS-WSP 56.331 8.55' 0.90 N/A N/A 7.70' 7.001 4.851 N/A N/A 5.67 5.67' 28.17 1.17 C-I CS-WSP 56.331 8.55' 0.90 N/A N/A 7.70' 8.00'

# FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

TYPICAL 3/8" - 1/2" WOOD SHEATHING:

- SUBFLOOR/ WALL: PASTEN STEATHING WITH 6d NAILS (2"XO.115") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD
- -ROOF: FASTEN SHEATHING WITH 8d NAILS (21/2"x0,131") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD
- BWP LISING BRACING METHODS CS-WSP OR CS-G; FASTEN SEATHING WITH 8d NAILS (21/2"x0,151") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C.
- BWP USING BRACING METHOD GB:
- FASTEN GYPSUM BOARD WITH 13 GAGE, 13/8" LONG, 19/64" HEAD; 0.098" DIAMETER, 11/4" LONG, ANNILAR-RINGED; 5d COOLER NAIL, 0.086" DIAMETER, 1 5/8" LONG, 15/64" HEAD; OR GYPSUM BOARD NAIL, 0.086" DIAMETER, 1 5/8" LONG, 9/32" HEAD AT 7" O.C. AT ALL PANEL EDGES (INCLUDING TOP AND BOTTOM PLATES) AND 7" O.C. IN THE PANEL FIELD
- BWP LISING BRACING METHODS PFH, PFG, OR CS-PF:
- SEE SECTION/DETAIL



4

8

Ridge

150N

leff*er*e

## GENERAL NOTES:

### DESIGN LOADS

FLOOR 40 PSF LIVE LOAD 10 PSF DEAD LOAD SLEEPING ROOMS 30 PSF LIVE LOAD 10 PSF DEAD LOAD ROOF/ATTIC 25 PSF LIVE LOAD 20 PSF DEAD LOAD

MND 90 MPH GARAGE 50 PSF

SOIL PRESSURE: 2000 PSF MINIMUM

NOTE: VERIFY DESIGN LOADS WITH LOCAL CODES AND SITE CONDITIONS.

- PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH 2012 INTERNATIONAL RESIDENTIAL CODE (2012 IRC) WITH 2013 KENTLICKY AMENIDMENTS,

- THESE DRAWINGS DO NOT INCLUDE ANY GEO-TECHNICAL DESIGN/ SPECIFICATIONS FOR SPECIFIC SITE CONDITIONS,

### CONCRETE

- LINLESS OTHERWISE NOTED, ALL STRUCTURAL CONCRETE SHALL BE 3000 PSI (28 DAY COMPRESSIVE STRENATH) CONCRETE ON 4" SAND OR GRAVEL FILL, INTERIOR SLABS SHALL BE PLACED ON 6 MIL POLYETHYLENE VAPOR BARRIER,

- EXTERIOR CONCRETE AND GARAGE SLAB STRENGTH TO BE 3500 PSI

- FOUNDATION WALLS, GARAGE FLOORS & EXTERIOR CONCRETE REQUIRE 5%-7% AIR ENTRAINMENT

- PROVIDE I/ 2" EXPANSION JOINT MATERIAL BETWEEN ALL CONCRETE SLABS ABLITTING CONCRETE OR MASONRY WALLS OCCURRING IN EXTERIOR OR

- PROVIDE CONTROL JOINTS WITH DEPTH OF ONE-FOURTH SLAB THICKNESS AT 30 FEET MAX, BOTH DIRECTIONS.

## FOUNDATIONS

- VERIFY DEPTH OF PROST FOOTINGS WITH LOCAL CODES,
   UNLESS OTHERMISE NOTED, FOLINDATION WALLS SHALL BE POURED CONCRETE,
   PROVIDE TERMITE CONTROL PROTECTION AS REQUIRED BY HUD MIN. PROPERTY STANDARDS,
- FOOTINGS TO EXTEND 24" MINIMUM INTO UNDISTURBED SOIL, BOTTOM OF FOOTINGS TO BE 30" MIN, BELOW GRADE,
- BASEMENT FOUNDATION WALL SHALL BE SUFFICIENTLY RESTRAINED (IE VERTICAL REBAR STUBBED OUT OF FOOTING, KEYWAY, AND/OR SLAB POLKED, ETC.) BEFORE PLACEMENT OF BACKFILL AGAINST THE BASEMENT FOUNDATION WALL,

## STRUCTURAL STEEL

- ALL STRUCTURAL STEEL SHALL CONFORM TO WITH ASTM SPEC, A-36
- ALL STRUCTURAL REINFORCING BARS SHALL BE 60,000 PSI
- UNLESS OTHERMISE NOTED, PROVIDE A 2-BY PLATE BOLTED TO THE TOP FLANGE OF ALL STEEL BEAMS WITH 3/8" DIA, BOLTS STAGGERED AT 2'-O'' O.C RIGIDLY FASTEN ALL CONNECTING RAFTERS AND JOISTS.

## CAPPENTRY

- UNLESS OTHERMISE NOTED, FRAMING LUMBER SHALL BE SOUTHERN PINE #1 WITH STUDS TO BE SPRUCE-PINE-FIR #2 OR STUD GRADE, BEAMS, HEADERS AND JOISTS SHALL HAVE AN ALLOWABLE BENDING STRESS OF MIN.;

2x8 1600 PSI

2x10 1300 PSI

2x12 1250 PSI

AND MODILLIS OF ELASTICITY OF 1,700,000 PSI - DEFLECTION LIMITS: FLOORS - L/360, WALLS - H/240, EXPOSED RAFTERS - L/180

UNLESS OTHERWISE NOTED, PROVIDE:

- DOUBLE HEADER JOISTS AND TRIMMERS AT ALL FLOOR OPENINGS

- BLOCKING BETWEEN JOISTS UNDER PARALLEL PARTITIONS

- DOUBLE 2x12 HEADERS WITH 1/2" PLYWOOD BETWEEN ALL DOOR AND WINDOW OPENINGS

- ONE ROW OF 1x3 CROSS BRIDGING PER JOIST SPAN

- FLOOR CONSTRUCTION: 23/32" APA RATED STURD | FLOOR, 20" O.C., T&G EXPOSURE |

- ROOF CONSTRUCTION: 1/2" APA RATED SHEATHING 32/16 EXPOSURE 1

- USE PLYWOOD UNDERLAYMENT FLOORING WITH EXTERIOR GLUE IN ALL BATH AND TOILET AREAS

- ALL INTERIOR WALLS AND CEILINGS ARE TO BE COVERED WITH GYPSUM BOARD, WITH METAL CORNER REINFORCING, TAPE, FLOAT AND SAND (3 COATS) GARAGE CEILINGS TO BE COVERED WITH FIRECODE GYPSUM BOARD AS NOTED.

- PRE-ENGINEERED ROOF TRUSSES AT 24" O.C. INSTALLED WITH HARDWARE BY MANUFACTURER'S SPECIFICATIONS

- PRE-ENGINEERED ROOF AND/OR FLOOR TRUSS DRAWINGS, SIGNED AND SEALED BY A REGISTERED DESIGN PROFESSIONAL MUST BE ON SITE AT THE FRAMING INSPECTION

- PRE-ENGINEERED WOOD BEAM SPECIFICATIONS SHALL BE AVAILABLE AT THE FRAMING INSPECTION

- PROVIDE SOLID BEARING (MIN. (2) 2X4'5) TO FOUNDATION FOR ALL BEAMS. HEADERS AND GIRDER TRUSSES.

- 36" HIGH GUARD RAILS, OPENINGS 10 BE LESS 1HAN 4" AT ALL OPEN STAIRS, LANDINGS, PORCHES AND BALCONIES OVER 30" IN HEIGHT

- HANDRAIL 34"-38" IN HEIGHT AT ALL STAIRS WITH MORE THAN (2) RISERS

- RETURN HANDRAILS TO WALL OR TERMINATE IN NEWEL POST, RAIL TO BE 2 1/4" MAX, DIA, GRIPPABLE,

- OPENINGS AT STAIR RISERS SHALL NOT ALLOW AN OBJECT 4" OR MORE IN DIAMETER TO PASS THROUGH.

- PROVIDE 7/16" WOOD SHEATHING AT EXTERIOR OF ALL EXTERIOR WALLS.

## MISCELLANEOUS

UNILESS OTHERWISE NOTED PROVIDE.

- SMOKE DETECTORS AT EACH SLEEPING AREA AND ALL FLOORS WITH PRIMARY POWER SOURCE FROM BUILDING WIRING WITH BATTERY BACK-UP, INTERCONNECTED SO WHEN ONE SOUNDS ALL SOUND

- HOME TO MEET METHOD OF ENERGY COMPLIANCE PER RCO SECTION 1101.2 2009 IECC

- PROVIDE PROGRAMMABLE THERMOSTAT.

- INSTALL VAPOR BARRIERS AGAINST INSIDE OF ALL INSULATION.

- PROVIDE TEMPERED GLASS IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING, AND BIFOLD DOORS - CHECK LOCAL CODES FOR ADDITIONAL TEMPERED GLASS REQUIREMENTS.

- PROVIDE TEMPERED GLASS AT SHOWER DOORS,

- INSTALL PACTORY-BUILT PIREPLACES (IF APPLICABLE TO PLAN) PER MANUFACTURER'S SPECIFICATIONS AND SPECIFICATIONS SHALL BE AVAILABLE AT THE FRAMING INSPECTION.

- VENT BATH FANS TO THE EXTERIOR.

- EXTERIOR STAIRS TO HAVE MAXIMUM 8 I/4" RISER AND MINIMUM 9-3/4" TREAD.

- BACKPILL ADJACENT TO FOUNDATION WALLS SHALL NOT BE PLACED UNTIL THE WALL HAS SUFFICIENT STRENGTH AND HAS BEEN ANCHORED TO THE FLOOR OR HAS BEEN SUFFICIENTLY BRACED TO PREVENT DAMAGE BY THE BACKFILL.

- THE GRADE AWAY FROM FOUNDATION WALLS SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET,

- SOIL CONTROL MEASURES SHALL BE PUT IN PLACE AS NEEDED.

- THE AREATEST RISER HEIGHT WITHIN ANY PLIGHT OF STEPS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8",

- BRICK TIES TO BE PROVIDED AROUND OPENINGS GREATER THAN 16" IN EITHER DIMENSION SPACED A MAX, OF 24" O.C. AND PLACED WITHIN 12" OF THE WALL OPENING.

- WEEP HOLES IN BRICK VENEER SHALL BE 35" O.C. MAXIMUM.

- FOR ALL MASONICY, A WATER RESISTANT AND AIR BARRIER MEMBRANE IS RECUIRED PER MANUFACTURER SPECIFICATIONS WITH A MINIMUM OF I'' AIR SPACE BETWEEN SHEATHING AND MASONRY. NO MORTAR IS PERMITTED TO TOUCH MEMBRANE,

- STAIRWAYS (INTERIOR & EXTERIOR) TO BE PROVIDED WITH A MEANS TO ILLUMINATE THE STAIR,

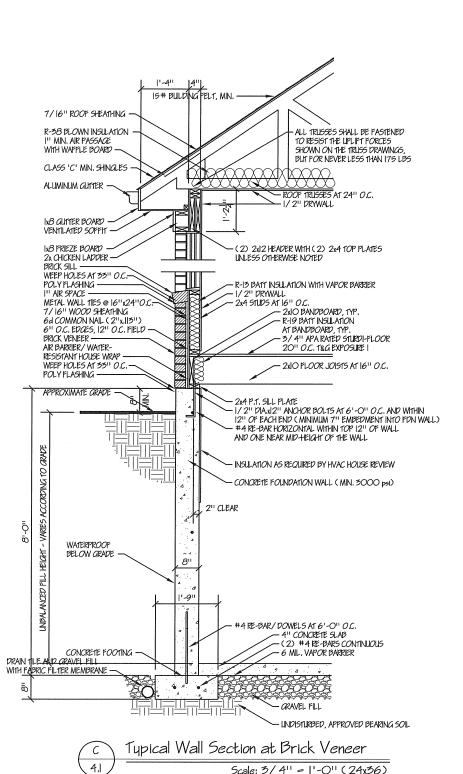
- WATER HEATER/ FURNACE SHALL NOT DRAW COMBUSTION AIR FROM BEDROOM.

- ALL PRODUCTS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND BUILDING CODES.

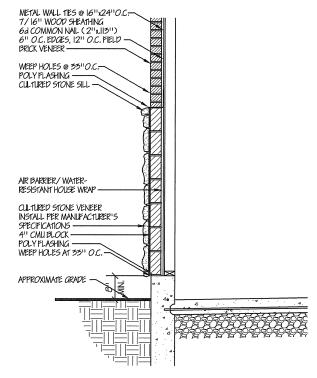
- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5,7 SQUARE PEET ( GRADE PLOOR OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.0 SQUARE FEET), THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES, THE MINIMUM

NET CLEAR OPENING WIDTH SHALL BE 20 INCHES. THE SILL HEIGHT SHALL NOT EXCEED 44" ABOVE THE FLOOR.

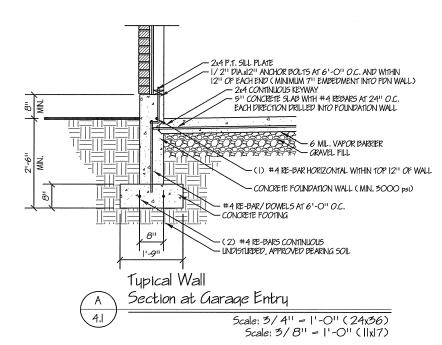
- A DRIP EDGE SHALL BE PROVIDED AT EAVES AND GABLES OF SHINGLE ROOFS,



Scale: 3/8'' = 1'-0'' (1|x|7)



Water Table Section at Garage 5cale: 3/4'' = 1'-0'' (24x36)Scale: 3/8" = 1'-0" (||x|7)



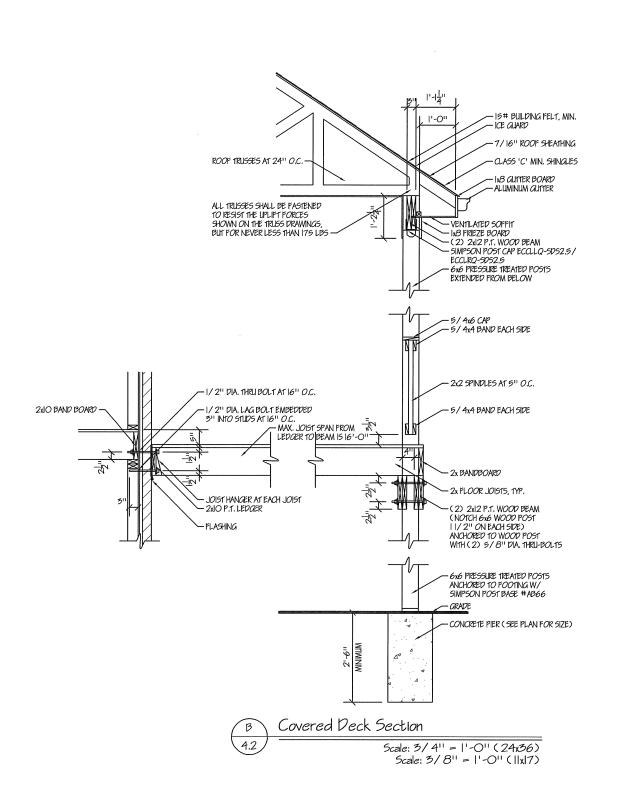


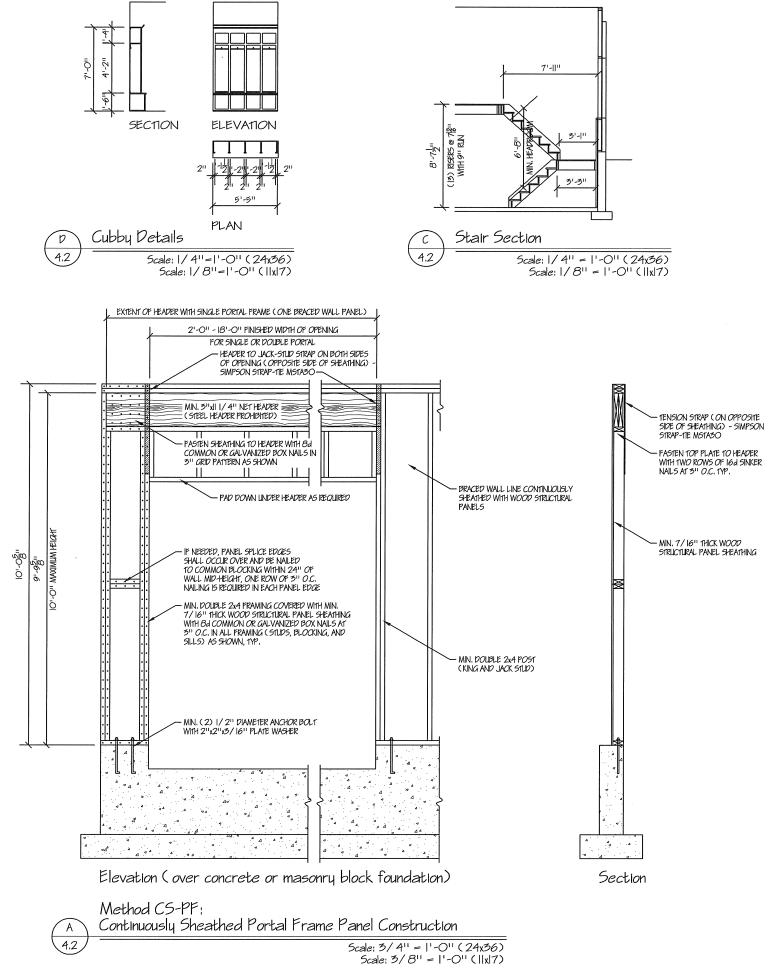
8 50H ĬΨ 5

Ø

0

Sheet 4. Notes and Sections





– A ssociates & ENZWEILER RESIDENTIAL DESIGN SPECIALISTS 6402 EAST ALEXANDRIA PIKE COLD SPRING, KY 41076 859-635-3721

Bulder: Tim Reynolds

B

Ridge Enzweiler leffers

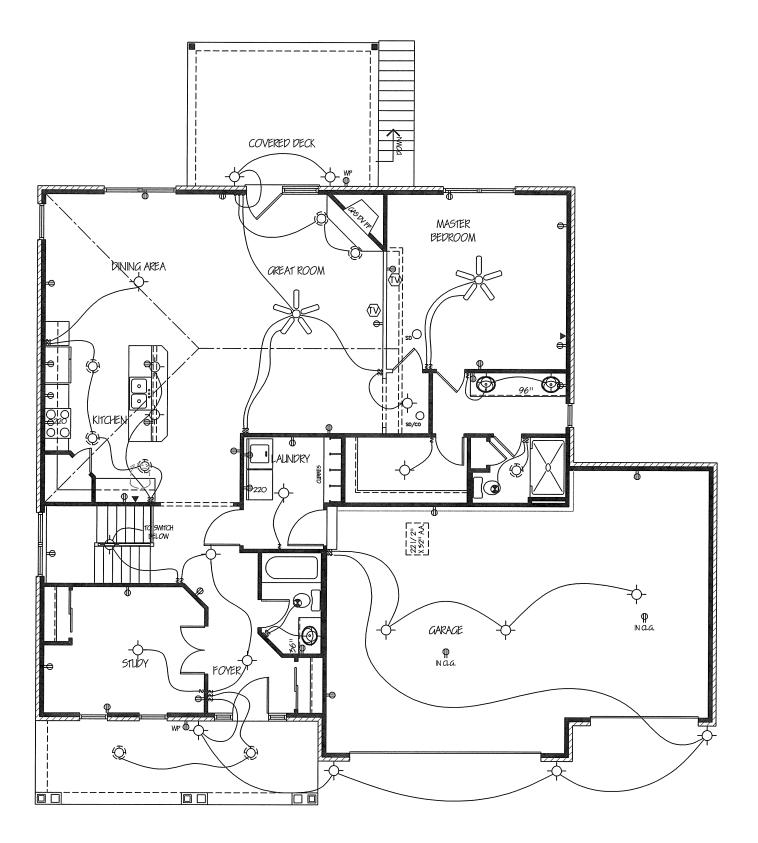
Sheet 4.2

Notes and Sections

NOTE:
- ALL INTERIOR WALL DIMENSIONS ARE 3 1/2" LINLESS OTHERWISE NOTED
- CONSTRUCTION METHODS AND ELECTRICAL/ MECHANICAL INSTALLATIONS
MAY CAUSE ROOM SIZES AND EXTERIOR APPEARANCES TO VARY.
- ALL PEDERAL, STATE AND LOCAL CODES, ORDINANCES AND REGILATIONS,
ETC. SHALL BE CONSIDERED PART OF THE SPECIFICATIONS OF THESE
DRAWINGS AND ARE TO BE ADHERED TO EVEN IF IN VARIANCE WITH
THESE DOCLIMENTS.

MECHANICAL LEGEND					
\$	SWITCH	Oso	SMOKE DETECTOR		
<del>ф</del>	LIGHT FIXTURE	SD/CO	SMOKE DETECTOR/ CARBON MONOXIDE DETECTOR COMBO		
-O <sub>P.C.</sub>	PULL CHAIN LIGHT	35/00			
<b>Ø</b>	RECESSED LIGHT	\$ ₽	WEATHERPROOF OUTLET		
<b>®</b>	RECESSED DIRECTIONAL	φ	DUPLEX OUTLET		
	FLOOD LIGHT	220	DRYER/RANGE OUTLET		
	FLUORESCENT LIGHT	▼	PHONE JACK		
	CEILING FAN & LIGHT FIXTURE	€	CABLE TV JACK		
1	a pipini i i i i i i i i i i i i i i i i	⊗	BATH FAN		
		Ŧ	HOSE BIB		

NOTES:
- ALL EXTERIOR WALL FIXTURES TO BE LOCATED 6'-4" ABOVE INTERIOR FINISHED FLOOR
- ALL GARAGE WALL FIXTURES TO BE LOCATED 6'-4" ABOVE CONCRETE APRON



# FIRST FLOOR MECHANICAL PLAN

Scale: |/ 4" = |'-0" ( 24x36) Scale: |/ 8" = |'-0" ( ||x|7)



Designed By: Assoc's & Enzweller Jefferson

<u>L</u>

Sheet 5. First Floor Mech. Plan