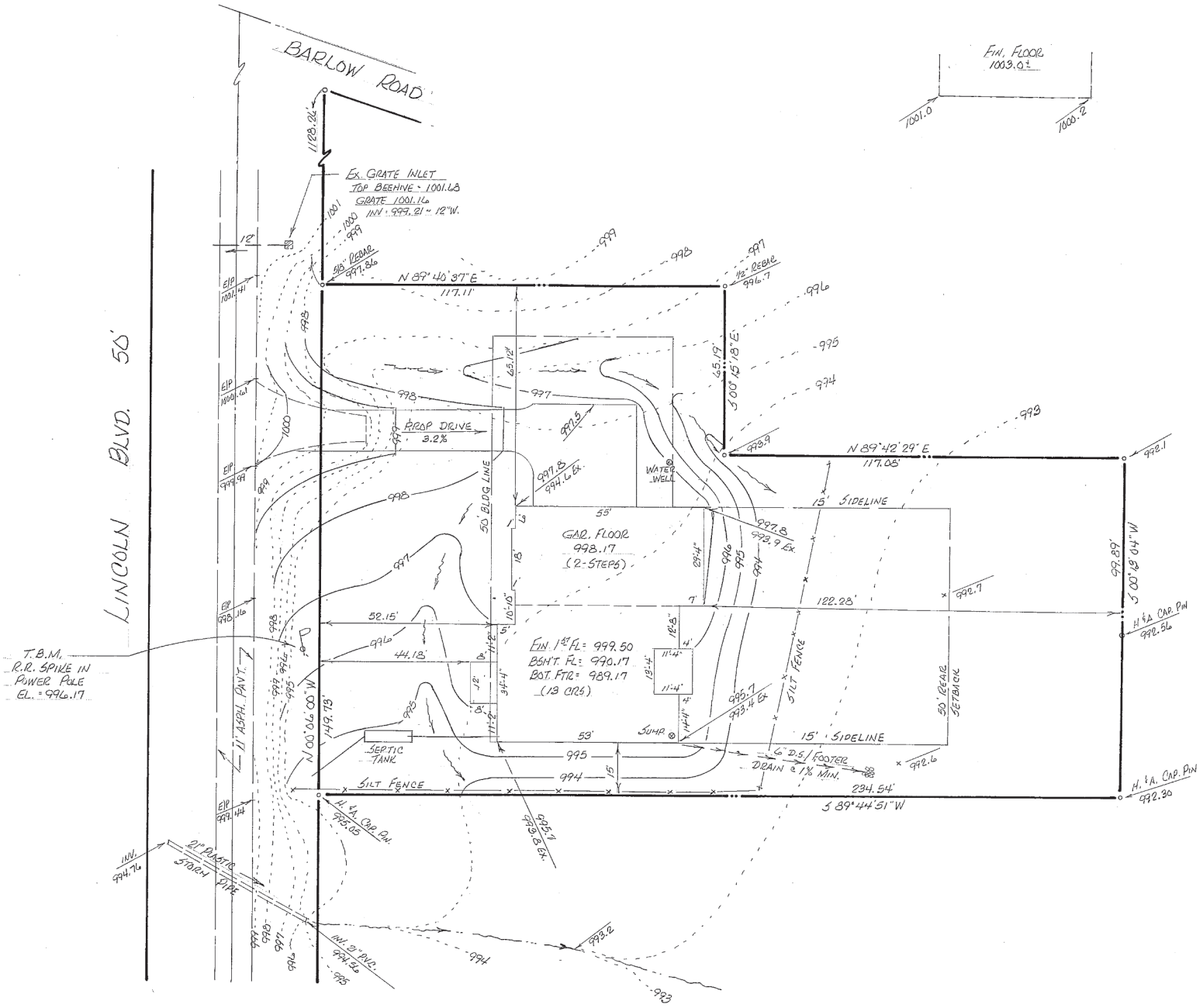


NOTE: PRIMARY BENCH MARK IS SUMMIT COUNTY MONUMENT GS0088 LOCATED APPROX. 45.3' SOUTHWEST OF THE CENTERLINE INTERSECTION OF BARLOW ROAD AND LINCOLN BLVD. (1010.98)

THE OWNER (CONTRACTOR) MUST ALERT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT 1-800-362-2764 AT LEAST 48 HOURS BEFORE EXCAVATION HAS BEGUN.

NOTE: EROSION & SEDIMENT CONTROLS MUST BE MAINTAINED AND KEPT IN PLACE UNTIL SITE IS FULLY STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.

NOTE: LOCATION OF SEPTIC SYSTEM AND WATER WELL TO BE DETERMINED BY THE SUMMIT COUNTY HEALTH DEPARTMENT.

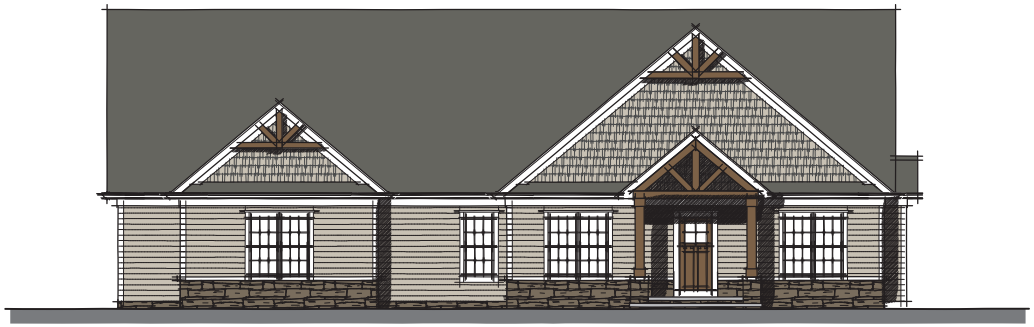
REV. – RAISED HOUSE 1.5 FEET.
REGRADE SITE - 4/04/18 DMC

STATE OF OHIO
LAURI RENEE CULP
7834
REGISTERED SURVEYOR

4/3/18

LAURI R. CULP, PS 7834
CULP SURVEYING, LLC
3323 SPRING VALLEY ROAD
AKRON, OHIO 44333
330-659-4044

TOPOGRAPHIC SURVEY
5459 LINCOLN BLVD.
P.P.N. 30-10200
CITY OF HUDSON
SUMMIT COUNTY, OHIO
COBLENTZ HOMES - BUILDER
MARCH, 2018 SCALE: 1" = 20'



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code summary & design criteria

2013 residential code of ohio (RCO)
2017 national electric code (NEC)
2017 ohio mechanical code (OMC) 2017 ohio plumbing code (OPC)
2009 international energy conservation code (IECC)

Design Snow Load:
section 301 design criteria
figure 301.2(5) ground snow loads
roof snow load = 20 psf

Design Wind Load:
table 301.2(2) component and cladding loads for a building
with a mean roof height of 30 feet located in exposure b
90 mph (3 second gust)

color & finish schedule

	Type	Color
Siding		
Roof		
Brick		
Stone		
Trim		
Shutters		
Soffit		

notice

A complete and careful review of these plans should be performed by the party responsible for executing the work prior to construction.

The building contractor should verify all site conditions and review all manufacturer's shop drawings for compliance prior to assembly, installation or construction.

All framing and structural elements must comply with all governing codes and be installed according to common practice and industry standards.

All federal, state and local codes, ordinances and regulations, etc. shall be considered a part of the specifications of this building; and are to be adhered to even if they are in variance with the plan.

baseline structural criteria & design information

Framing Lumber (Minimum):
E = 1,600,000 psi
Fb = 1200 psi
Fv = 90 psi

Microlam (LVL):
E = 2,000,000 psi
Fb = 2800 psi
Fv = 285 psi

Steel: ASTM A-36
E = 29,000,000 psi
Fb = 22 ksi
Fv = 14.5 ksi
W Shapes:
Fy= 50,000 psi (astm A992)
Pipes:
Fy= 46,000 psi
(astm A500 Grade B)
Plates:
Fy= 36,000 psi (astm A36)
Anchor Bolts:
Astm A30f
(may Use A36 Or A325)

Live Loads:
Roof = 30 psf
Floor = 40 psf
Floor 40 psf (sleeping)
Ceilings = 20 psf
Attic = 20 psf
Decks = 40 psf
Balconies (Exterior) = 40 psf

Dead Loads:
Roof = 20 psf
Ceilings = 10 psf
Floor = 12 psf

Concrete:
Footings: Fc= 3000 psi,
Slabs: Fc- 4000 psi
(with 6% Air Entrainment
For Exterior Exposure)
Concrete Block:
Fc= 1500 psi

Soil Bearing Capacity (Min.):
2500 psf

Allowable Deflection:
Rafters = L/180
Ceilings = L/240
Floors = L/360
Floors with tile = L/600
Beams & Headers = L/360
Lintels for Masonry= L/600
(L = Span Length)

Truss Data (Min.):
Top Chord: LL= 30 psf
DL= 15 psf
Bottom Chord: LL= 20 psf
DL= 10 psf

Seismic Category
A or B

Wind Speed (design)
90 MPH

structural notes

1. The structural specifications are a suggested baseline and should be verified prior to the commencement of construction. The building contractor should adjust these values as required to meet local codes or building conditions.

2. The drawings show the general details of construction. The contractor shall notify the designer where additional details are required, or where conditions are encountered that are not anticipated by the drawings.

3. The contractor is to verify all dimensions prior to fabrication and construction. Notify designer of any discrepancies.

4. The structure is designed to be self-supporting and stable after the building is fully completed. it is the contractor's sole responsibility to determine erection procedure and sequence and ensure the safety of the building and its component parts during construction. this includes the addition of whatever shoring,temporary bracing, underpinning, earth retention, etc. that may be necessary.

building information

Owner's Name:

Builder's Name:

Builder's Phone:

Building Location:

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4503 state road
cleveland, ohio 44109
440-735-2600
designvisions.com

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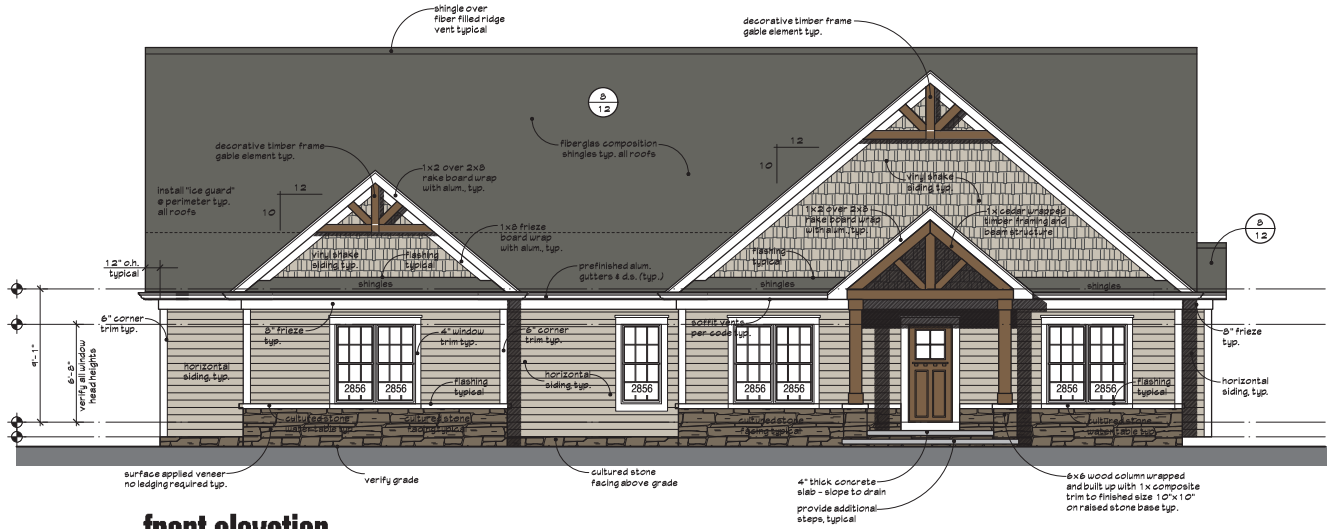


front elevation

scale 1/4" = 1'-0"

note

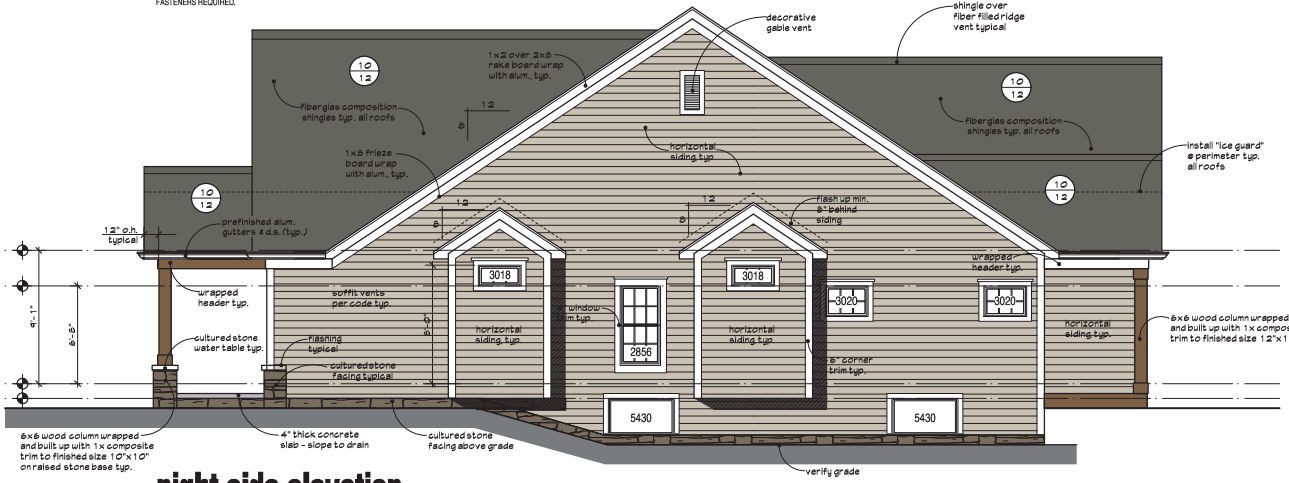
1) BUILDING CONTRACTOR TO VERIFY ALL MATERIALS, FINISHES AND SIZES PRIOR TO CONSTRUCTION.

2) WINDOW DESIGNATIONS ARE REFERENCED AS 'PELLA (ENCOMPASS) SERIES" WINDOW NUMBERS

3) PROVIDE SAFETY GLASS FOR WINDOW GLAZING < 18" A.F.F. OR ADJUST WINDOW SIZE TYP.

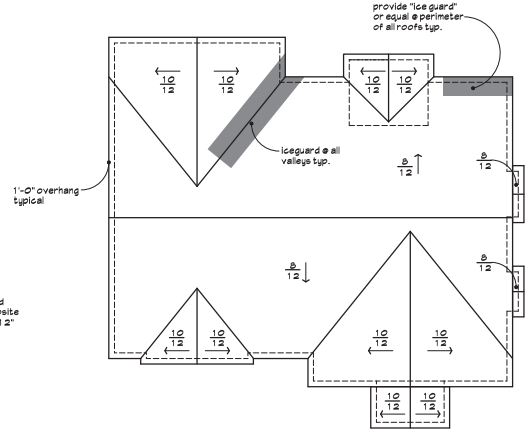
4) FIELD VERIFY ALL WINDOW LOCATIONS & ROUGH OPENINGS AS REQUIRED WITH WINDOW MANUFACTURERS SPECIFICATIONS.

5) TREATED WOOD NOTICE: ALL ANCHORS, CONNECTORS, FASTENERS ETC. MUST BE OF SUITABLE MATERIAL TO RESIST REACTION OR CORROSION WITH THE TREATED LUMBER. CONSULT WITH MANUFACTURER OR MATERIAL SUPPLIER FOR PROPER FASTENERS REQUIRED.



right side elevation

scale 1/4" = 1'-0"



schematic roof diagram

no scale

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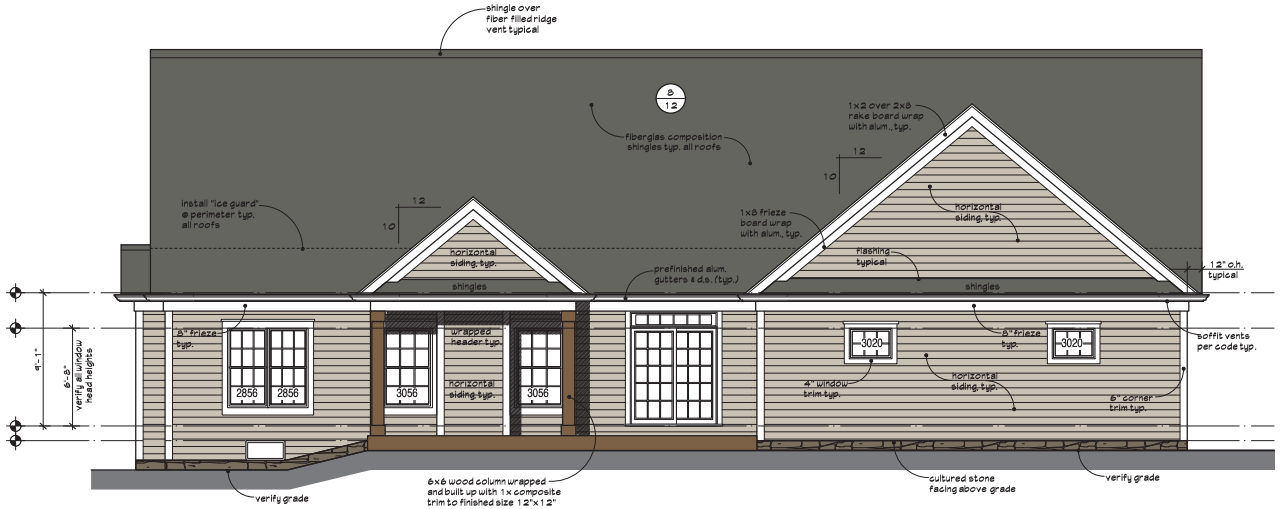

rear elevation

scale 1/4" = 1'-0"

note

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2) WINDOW DESIGNATIONS ARE REFERENCED AS "PELLA (ENCOMPASS) SERIES" WINDOW NUMBERS

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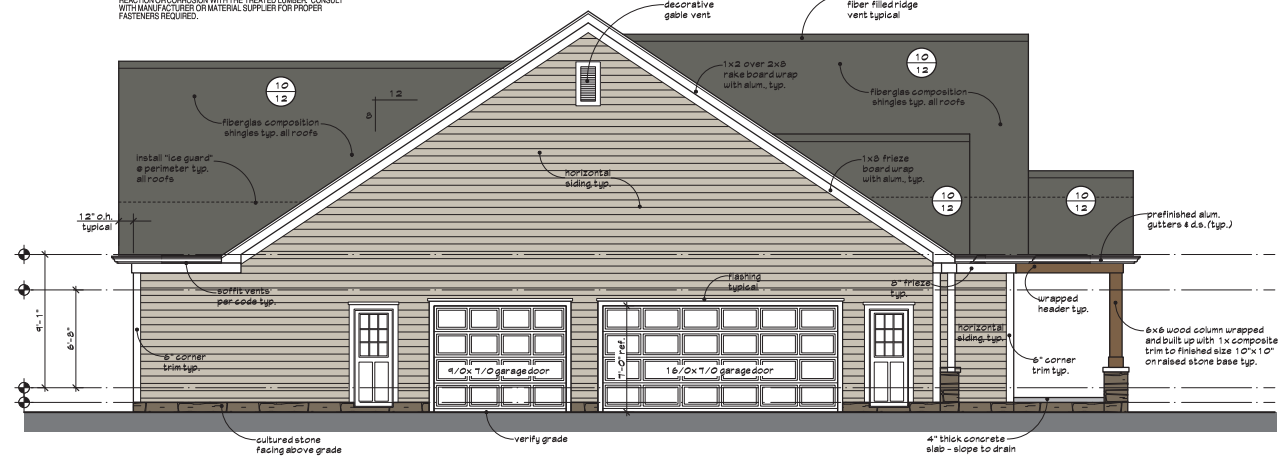
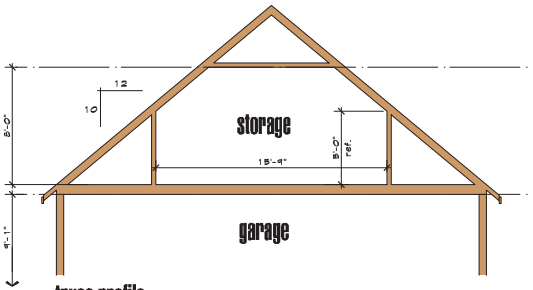


left side elevation

scale 1/4" = 1'-0"



truss profile

garage attic storage

(verify with roof truss mfg.)

roof

fiberglass roof shingles
15# felt building paper min.
5/8" sheathing
see plan for roof truss information
r-38 insulation min. with eave baffle to maintain air space
5/8" gyp. board at roof truss systems

eave

prefinished aluminum gutters and down spouts
prefinished vented soffit

exterior wall

horizontal siding (see elevations)
7/16" or 1/2" sheathing with approved house wrap
2x6 wall studs @ 16" o.c.
r-19 wall insulation min.
1/2" gyp. board

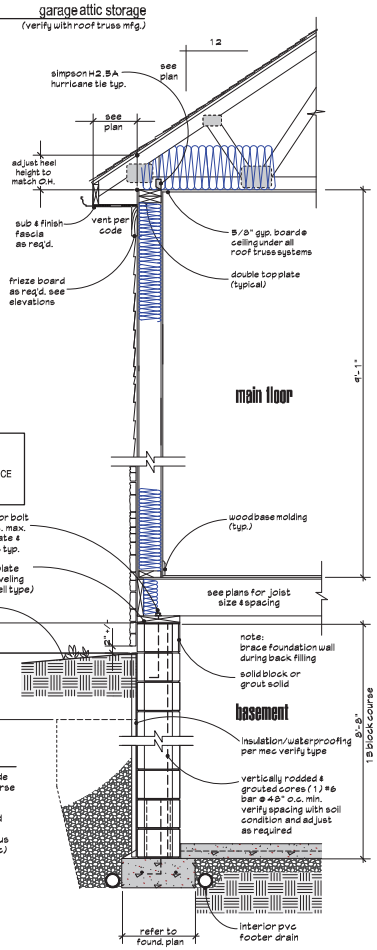
flooring

3/4" t&g plywood flooring glued and nailed

Energy Note
REFER TO MODEL ENERGY CODE (M.E.C) COMPLIANCE INFO. FOR PROPER INSULATION VALUES

foundation

cultured stone veneer above grade
12" concrete block wall (1 B) course
approved waterproofing system
4" concrete floor with 6 mil poly. vapor barrier over 4" compacted granular fill pourous gravel
back fill @ footer with 4" continuous footer drain (min. schedule 40 pvc) 20"w. x 8"d. concrete footer w/(2) #5 bars on undisturbed soil (see foundation plan)



typical wall section

scale 3/4" = 1'-0"

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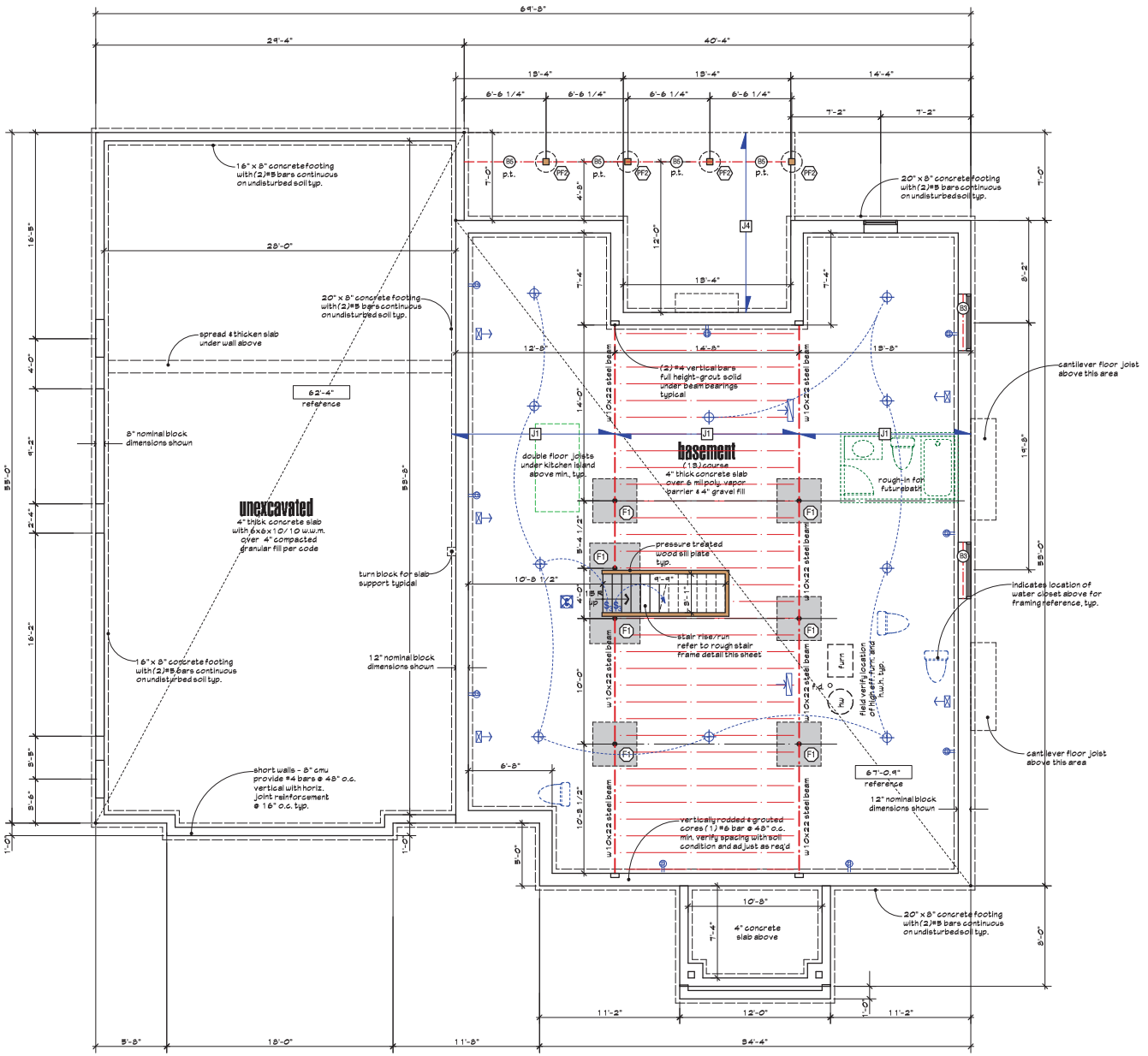
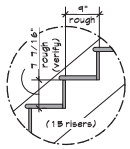


foundation plan

scale 1/4" = 1'-0"



rough framed stairs

basement to main floor
reference floor to floor height = 112"

foundation notes

13 COURSE REINF. MAS. BLK. (12"W CMU) ON 8"H. X 20" W. REINFORCED CONC. FOOTING

TYPICAL FOOTING - 8"H X 20"W CONTINUOUS CONCRETE FOR 12"W CMU WALLS W/ (2) #5 REBARS
8"H X 14"W CONTINUOUS CONCRETE FOOTING FOR 8" W CMU WALLS W/ (2) #5 REBARS
REINFORCING IS THE BUILDERS OPTION

PROVIDE (1) #6 VERT. STEEL REINF. BAR (FULL HT.) 48" O.C. GROUTED SOLID FULL HT. TO FTG. (SEE: PLAN)

PROVIDE (2) #4 VERT. STEEL REINF. BARS (FULL HT.) @ ALL BEAM BEARING LOCATIONS (GRT. SOLID)

PROVIDE DUR-A-WALL OREQ. HORIZ. JOINT REINFORCING @ 2'-0" O.C. VERTICALLY OR EVERY 3RD BLOCK COURSE

ALL DIMENSIONS ARE TAKEN FROM THE FACE OF MASONRY OR ROUGH FRAMING

SEE TOPO FOR ALL GRADES AND SPOT ELEVATIONS

STEP FOOTINGS AS REQ'D TO MAINTAIN 3'-6" MIN. FROST DEPTH

DOUBLE JOISTS UNDER PARALLEL WALLS ABOVE

PROVIDE SOLID BLOCKING BETWEEN JOISTS TO FOUND. WALL OR BEAM UNDER ALL POINT LOADS FROM ABOVE

PROVIDE SIMPSON 'HW' OR EQUAL BEAM HANGERS @ ALL UPSET WOOD BEAM HANGER CONDITIONS

steel column & footing schedule

F1 3"ø schedule 40 standard steel column over 42"x42"x12" deep conc. footing with (4)#5 bars each way at bottom

F2 3"ø schedule 40 standard steel column over 48"x48"x12" deep conc. footing with (4)#5 bars each way at bottom

steel lintel schedule

openings up to 4'-0"	L 3 1/2 X 3 1/2 X 5/16
openings from 4'-1" to 5'-0"	L 4 X 3 1/2 X 5/16
openings from 5'-1" to 6'-0"	L 5 X 3 1/2 X 5/16
openings from 6'-1" to 7'-0"	L 6 X 3 1/2 X 5/16
openings from 7'-1" to 10'-0"	W 8 X 13 with 1/4 plate

notes:
a) lintels shall have 1" of end bearing for each foot of span with a min. of 4" bearing @ each end

floor joist schedule

Lumber Species Douglas fir-larch OR Spruce-pine-larch #2 or equiv. unless noted otherwise

J1 2X10 floor joists @ 16" o.c. with 'x' bracing @ midspan or as required.

J2 2X10 floor joists @ 16" o.c. double every other joist with 'x' bracing @ midspan or as required.

J3 (2) 2X10 floor joists @ 16" o.c. with 'x' bracing @ midspan or as required.

J4 2X8 treated wood floor joists @ 16" o.c.

wood beam schedule

B1	(2) 2X10's	B9	(2) 1 3/4" X 11 7/8" LVL'S
B2	(3) 2x10's	B10	(3) 1 3/4" X 11 7/8" LVL'S
B3	(2) 1 3/4" x 9 1/4" LVL's	B11	(2) 1 3/4" x 14" LVL's
B4	(3) 1 3/4" x 9 1/4" LVL's	B12	(3) 1 3/4" x 14" LVL's
B5	(2) 2x12's	B13	(2) 1 3/4" x 16" LVL's
B6	(3) 2x12's	B14	(3) 1 3/4" x 16" LVL's
B7	(2) 1 3/4" x 11 1/4" LVL's	B15	(2) 1 3/4" x 18" LVL's
B8	(3) 1 3/4" x 11 1/4" LVL's	B16	(2) 1 3/4" x 20" LVL's

wood post & footing schedule

PF1 4x4 treated wood post with 16" dia. x 8" conc. footing on undisturbed soil

PF2 6x6 treated wood post with 20" dia. x 8" conc. footing on undisturbed soil

symbol legend

- duplex receptacle 110v
- receptacle 220v
- weather proof gfi duplex recept.
- floor mounted duplex recept.
- gfi duplex recept.
- ceiling mounted light fixture
- wall mounted light fixture
- surface mounted light with pull chain
- ceiling mounted light fixture & fan
- supply air
- single pole switch
- three way switch
- recessed ceiling light fixture
- recessed adj. light w/ vapor proof lens
- surface mounted flood light
- smoke detector w/ battery backup photoelectric and ionization activated
- smoke detector with CO detector combo w/ battery backup
- telephone outlet cable tv outlet
- return air

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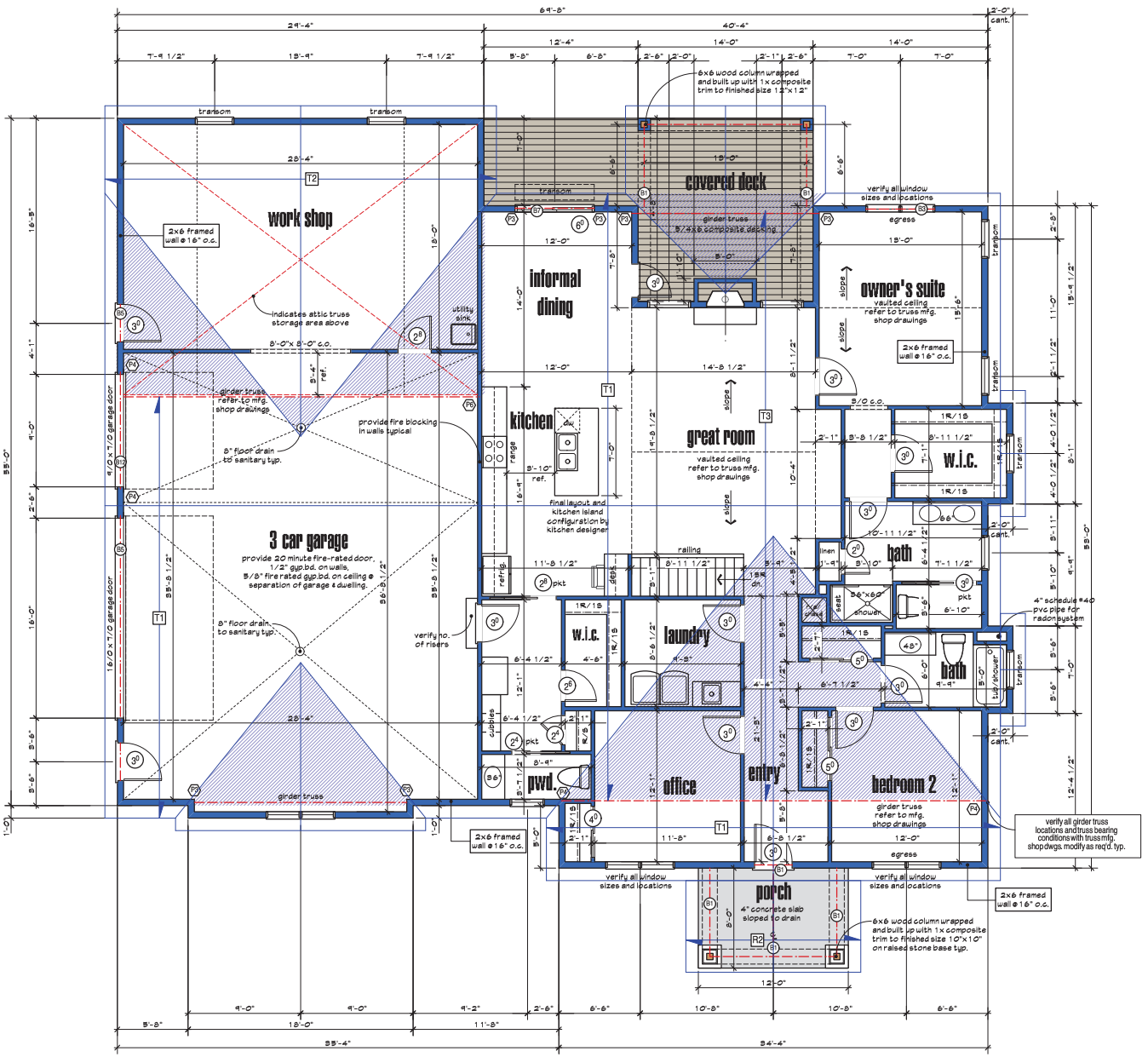

main floor plan

2038

scale 1/4" = 1'-0"

general plan notes

1) INTERIOR WOOD FRAMED WALLS ARE DIMENSIONED AT 3 1/2" ROUGH AND ALL EXTERIOR WALLS ARE DIMENSIONED TO THE OUTSIDE OF 1/2" SHEATHING UNLESS OTHERWISE NOTED.

2) BUILDING CONTRACTOR MUST VERIFY ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

3) ALL WALL ANGLES ARE 45 DEGREES UNLESS OTHERWISE NOTED.

4) FIELD VERIFY ALL WINDOW LOCATIONS & ROUGH OPENINGS AS REQUIRED WITH WINDOW MANUFACTURERS SPECIFICATIONS.

5) PROVIDE SAFETY GLASS FOR WINDOW GLAZING < 18" A.F.F. OR ADJUST WINDOW SIZE TYP.

6) STRUCTURAL AND FRAMING MEMBERS INDICATED ARE SIZED BASED ON SPECIES OF LUMBER THAT SATISFY THE SPAN.

7) BUILDER TO VERIFY THAT ALL CEILING JOISTS AND RAFTER BRACINGS BEAR ON LOAD BEARING WALLS WHICH ALIGN AS SHOWN AND TERMINATE AT FOUNDATION AND BE SUPPORTED BY THICKENED SLAB GRADE BEAM OR FOOTING AS INDICATED.

8) UNLESS NOTED OTHERWISE- ALL NON-STRUCTURAL RIDGE BOARDS TO BE (1)2X12 MIN. ALL HIP RAFTERS TO BE (1)2X12 MIN. ALL VALLEY RAFTERS TO BE (2)2X12 MIN. PROVIDE POST UP SUPPORTS FROM SOUND BEARINGS OR TRIPLE CEILING JOISTS MINIMUM.

9) CEILING JOIST NOTICE: APPLY 1/2" PLYWOOD TO TOP SIDE OF CEILING JOISTS MIN. 48" IN FROM WALL WHEN CEILING JOISTS RUN PARALLEL TO A RAFTER BEARING WALL. NOTCH FOR RAFTERS AS REQUIRED.

10) TREATED WOOD NOTICE: ALL ANCHORS, CONNECTORS, FASTENERS ETC. MUST BE OF SUITABLE MATERIAL TO RESIST REACTION OR CORROSION WITH THE TREATED LUMBER. CONSULT WITH MANUFACTURER OR MATERIAL SUPPLIER FOR PROPER FASTENERS REQUIRED.

rafter/ceiling joist schedule

Lumber Species Douglas fir-larch OR Spruce pine-larch #2 or equiv. unless noted otherwise

- R1 2X10 rafters @ 16" o.c.
- R2 2X8 rafters @ 16" o.c.
- R3 2X6 rafters @ 16" o.c.
- C1 2X10 ceiling joists @ 16" o.c. Douglas fir sealed structural
- C2 2X10 ceiling joists @ 16" o.c.
- C3 2X8 ceiling joists @ 16"o.c.
- C4 2X6 ceiling joists @ 16"o.c.
- T1 pre-engineered roof truss system refer to mfg. shop drawings
- T2 pre-engineered roof truss system attic type refer to mfg. shop drawings
- T3 pre-engineered roof truss system scissor type OR modified refer to mfg. shop drawings

all wood framed headers to be (2)2x10 min. unless noted otherwise

hatched area indicates 2x over framing-shore supporting rafters as req'd typ.

post & column schedule

- P1 4x4 or (3)2x4
- P2 (4)2x4
- P3 (3)2x6
- P4 6x6 or (4) 2x6
- P5 6x6 or (4) 2x6
- P6 3 1/2" x 5 1/4" PSL
- P7 3 1/2" x 7" PSL
- P8 5 1/4" x 5 1/4" PSL
- P9 5 1/4" x 7" PSL
- P10 3"dia. sch. 40 steel column with 1/2" bearing plate bolted to sound bearing

all header bearings to min (2)2x4 unless noted otherwise

all posts to be latterally braced full length

all posts to continue down to sound foundation or solid bearing on structure below

wood beam schedule

- B1 (2) 2X10's
- B2 (3) 2x10's
- B3 (2) 1 3/4" x 9 1/4" LVL's
- B4 (3) 1 3/4" x 9 1/4" LVL's
- B5 (2) 2x12's
- B6 (3) 2x12's
- B7 (2) 1 3/4" x 11 1/4" LVL's
- B8 (3) 1 3/4" x 11 1/4" LVL's
- B9 (2) 1 3/4" X 11 7/8" LVL'S
- B10 (3) 1 3/4" X 11 7/8" LVL'S
- B11 (2) 1 3/4" x 14" LVL's
- B12 (3) 1 3/4" x 14" LVL's
- B13 (2) 1 3/4" x 16" LVL's
- B14 (3) 1 3/4" x 16" LVL's
- B15 (2) 1 3/4" x 18" LVL's
- B16 (3) 1 3/4" x 20" LVL's

shear wall schedule

WALL TYPE 1 - TYPICAL EXTERIOR SHEAR WALL CONSTRUCTION REQUIREMENTS:

ALL EXTERIOR WALLS SHALL HAVE CONTINUOUS APA SHEATHING 33/16 1/2" OR 15/32" EXPOSURE 1 WITH 8D COMMON NAILS AT 6" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS WITH INTERIOR DRYWALL FINISH COMPRISED OF 1/2" MINIMUM GYPSUM BOARD WITH 1 1/2" GALVANIZED ROOFING NAILS, 1 1/2" LONG STAPLES GALVANIZED, OR 1 1/4" LONG TYPE W ORS SCREWS AT 7" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

WALL TYPE 2 - TYPICAL INTERIOR SHEAR WALL CONSTRUCTION REQUIREMENTS:

INTERIOR SHEAR WALLS AS INDICATED ON PLAN SHALL HAVE 1/2" GYPSUM BOARD WITH 6D X 1 5/8" GALVANIZED NAILS OR NO. 6 X 1 1/4" LONG TYPE W OR S SCREWS AT 4" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS OR 5/8" GYPSUM BOARD WITH 6D X 1 7/8" GALVANIZED NAILS OR NO. 6 X 1 1/4" LONG TYPE W OR SSCREWS AT 4" O.C. AT EDGES AND 12" o.c. AT INTERMEDIATE SUPPORTS

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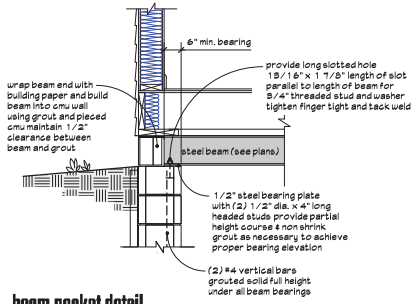
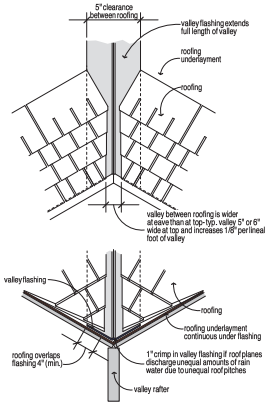


beam pocket detail

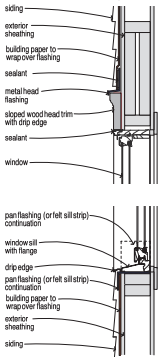
scale 3/4" =1'-0"



open valley flashing

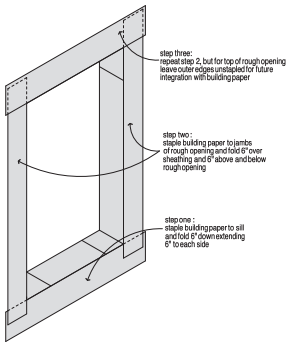
asphalt shingles shown

no scale



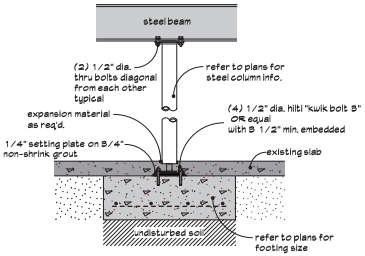
flashing system at window

scale 1 1/2"=1'-0"



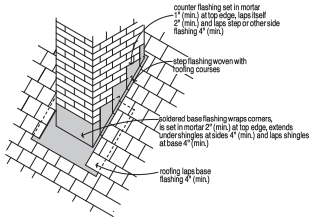
window/door opening wrap

scale 1 1/2"=1'-0"



column detail

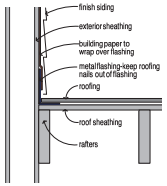
scale 3/4" =1'-0"



chimney flashing

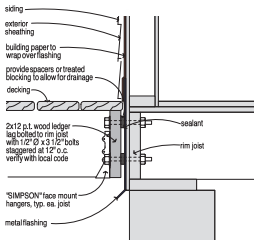
brick chimney shown

no scale



sidewall flashing

scale 1 1/2"=1'-0"



flashing system at an exterior deck

scale 1 1/2"=1'-0"

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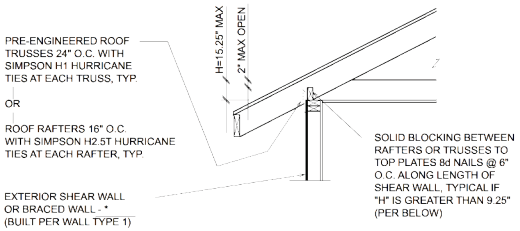
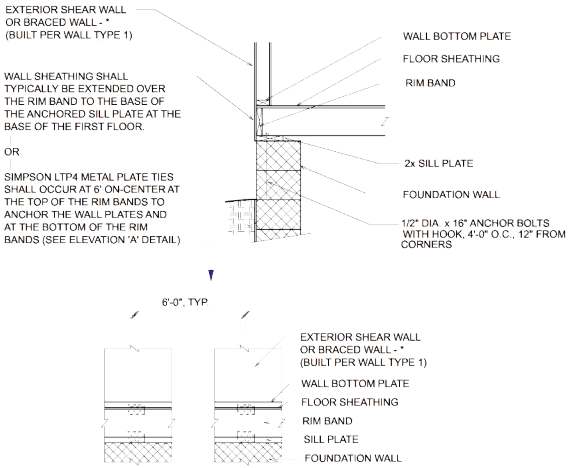
DETAILS FOR FULLY CONTINUOUS SHEATHING PER 2013 RESIDENTIAL CODE OF OHIO



RULES FOR DIMENSION "H":
- FOR "H" LESS THAN 9 1/4", NO BLOCKING REQUIRED
- FOR "H" GREATER THAN 9 1/4" UP TO 15 1/4", INSTALL BLOCKING PER ABOVE.
- FOR "H" GREATER THAN 15 1/4", FURTHER ENGINEERING IS REQUIRED.

EXTERIOR SHEAR WALL CONNECTION TO ROOF FRAMING

1/2"=1'-0"



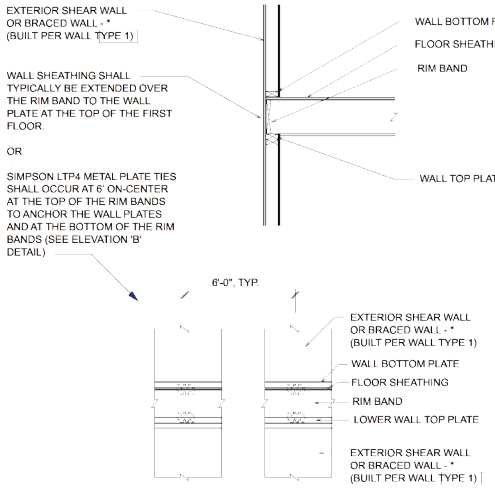
THIS DETAIL IS AN ALTERNATE FOR SHEATHING THAT IS NOT EXTENDED OVER RIM BANDS TO SILL PLATE

ELEVATION 'A' DETAIL

1/2"=1'-0"

EXTERIOR SHEAR WALL CONNECTION TO SILL PLATE ON FOUNDATION

1/2"=1'-0"



THIS DETAIL IS AN ALTERNATE FOR SHEATHING THAT IS NOT EXTENDED OVER RIM BANDS TO WALL PLATES

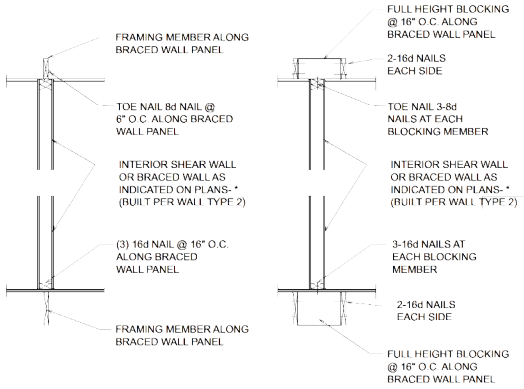
ELEVATION 'B' DETAIL

1/2"=1'-0"

EXTERIOR SHEAR WALL CONNECTION AT FLOOR TO FLOOR FRAMING

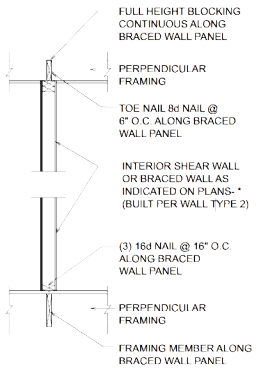
1/2"=1'-0"

* NOTE: "SHEAR WALL" AND "BRACED WALL" TERMINOLOGIES ARE EQUAL AND INTERCHANGEABLE ON THIS DRAWING



INTERIOR SHEAR WALL CONNECTIONS AT PARALLEL FLOOR/CEILING FRAMING

1/2"=1'-0"



INTERIOR SHEAR WALL CONNECTIONS AT PERPENDICULAR FLOOR/CEILING FRAMING

1/2"=1'-0"

BRACED WALL CONSTRUCTION SPECIFICATIONS:

WALL TYPE 1 ¦ TYPICAL EXTERIOR SHEAR WALL CONSTRUCTION REQUIREMENTS:

ALL EXTERIOR WALLS SHALL HAVE CONTINUOUS APA SHEATHING 32/16 1/2" OR 15/32" EXPOSURE 1 WITH 8D COMMON NAILS AT 6" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS WITH INTERIOR DRYWALL FINISH COMPRISED OF 1/2" MINIMUM GYPSUM BOARD WITH 1 1/2" GALVANIZED ROOFING NAILS, 1 1/2" LONG STAPLES GALVANIZED, OR 1 1/4" LONG TYPE W OR S SCREWS AT 7" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

WALL TYPE 2 ¦ TYPICAL INTERIOR SHEAR WALL CONSTRUCTION REQUIREMENTS

INTERIOR SHEAR WALLS AS INDICATED ON PLAN SHALL HAVE 1/2" GYPSUM BOARD WITH 5D X 1 5/8" GALVANIZED NAILS OR NO. 6 X 1 1/4" LONG TYPE W OR S SCREWS AT 4" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS OR 5/8" GYPSUM BOARD WITH 6D X 1 7/8" GALVANIZED NAILS OR NO. 6 X 1 1/4" LONG TYPE W OR S SCREWS AT 4" O.C. AT EDGES AND 12" o.c. AT INTERMEDIATE SUPPORTS

DESIGN LOADING FOR BRACED WALLS:

WIND.....90 MPH, CATEGORY EXP. B

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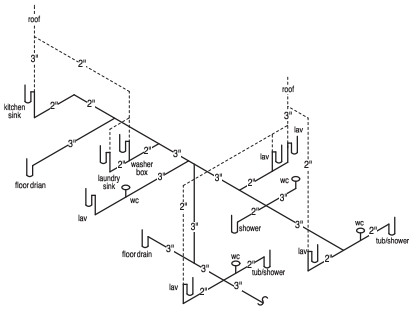

wet-vent plumbing diagram

no scale

CONTRACTOR TO VERIFY ALL SIZES AND MAXIMUM NUMBER OF FIXTURES PER BRANCH IN ACCORDANCE WITH THE GOVERNING CODE.

symbol legend

- duplex receptacle 110v
- recepatcle 220v
- weather proof gfi duplex recept.
- floor mounted duplex recept.
- gfi duplex recept.
- ceiling mounted light fixture
- wall mounted light fixture
- surface mounted light with pull chain
- ceiling mounted light fixture & fan
- supply air
- $ single pole switch
- $3 three way switch
- recessed ceiling light fixture
- recessed clg. light w/vapor proof lens
- surface mounted flood light
- smoke detector w/battery backup-photoelectric and ionization activated
- smoke detector with CO detector combo w/battery backup
- telephone outlet cable tv outlet
- return air

electrical notes

The electrical plans shown here are suggested only! Electrical layouts can be altered as required for builder's standards, owner's preference or superceded by any governing code. The local governing codes take precedence over this layout.

All electrical work must be performed in accordance with all governing codes and regulations.

All electrical equipment must meet the Underwriters Laboratories (UL) standards. Consult local applicable codes for specific requirements.

Provide proper electrical outlets for dishwasher, trash compactor, garbage disposal and microwave.

Provide proper electrical outlets for clothes dryer, range and air conditioners.

Provide proper outlet or wiring for whirlpool tub.

All kitchen, bathroom, sink areas, outdoor outlets and basement outlets to be equipped as (GFI) ground fault interrupting circuits.

All smoke detectors are to be wired in series with battery back up power supply. Provide smoke alarms/detectors in compliance with all governing codes

All branch circuits that supply 125 volt, single phase, 15 and 20 ampere outlets installed in dwelling unit bedrooms shall be protected by an arc-fault circuit interrupter listed to provide protection of the entire branch circuit

main floor electrical/mechanical schematic

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