



Skylights not shown on window schedule. Model GPL used

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WINDOW SCHEDULE										
NUMBER	QTY	WIDTH	HEIGHT	R/O	EGRESS	TEMPERED	DESCRIPTION	CODE	MANUFACTURER	COMMENTS
W01	2	23 3/4 "	48 "	24 1/4"X48 1/2"			DOUBLE HUNG			
W02	2	24 "	24 "	24 1/2"X24 1/2"			AWNING			
W03	4	35 3/4 "	60 "	36 1/4"X60 1/2"			DOUBLE HUNG			
W04	6	35 3/4 "	60 "	36 1/4"X60 1/2"	YES		DOUBLE HUNG			
W05	2	40 3/4 "	40 13/16 "	41 1/4"X41 5/16"			DBL CASEMENT-LHL/RHR			

- manufacturer's emergency escape window hardware. 12 - Structural Floor Framing (Section R502.3) Where dimensional lumber is shown, framing members will be sized according to this
- those framing members will be size according to the manufacturer's tables for loads and spans, or sizes will have been calculating using
- Rescheck, a hand markup of our generic thermal and moisture section additional information about doors and windows (such as fire rating, tempering, etc), foundation drops relative to site grading, and sometimes their chosen method of basement egress. These drawings are not intended to be used without that additional information.
- Where a construction address is shown on the drawings, it is for copyright control only. We have not inspected the site, adapted the design to state specific laws (except where it says so in the drawings) or site or region specific climate conditions. Homeowner and/or Builder shall be responsible for thermal and moisture control strategies, materials choices and compliance with applicable laws and ordinances.
- Please do feel free to call us with any questions. We can and do update our drawings and standard notes to address specific concerns, especially in jurisdictions where our clients will be building again.

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Permissable uses of these drawings:
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approvals without incurring the expense of a full set of construction drawings. Contact us for more information. We want to allow reasonable use at reasonable costs, just not have our work stolen.

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If you have any concerns or questions, please feel free to contact us. We are happy to clarify matters that fall within our scope, as listed on the first page. We can also often provide

STRUCTURAL GENERAL NOTES:

FOUNDATION NOTES

1. NO FOOTINGS SHALL BE POURED ON LOOSE OR UNSUITABLE SOILS, IN WATER OR ON FROZEN GROUND.

2. ALL EXTERIOR FOOTINGS TO CONFORM TO APPLICABLE CODE REQUIREMENTS FOR FROST PROTECTION.

3. ALLOWABLE PRESUMPTIVE BEARING CAPACITY USED IN DESIGN OF THE FOUNDATIONS: 2000 PSF.

STRENGTH OF AT LEAST 3000 PSI AT 28 DAYS.

4. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE

5. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS AS REQUIRED TO PREVENT HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT WHICH WILL ENDANGER ADJACENT STRUCTURES, STREETS OR UTILITIES.

6. BACKFILL SHALL NOT BE PLACED AGAINST FOUNDATION WALL UNTIL FLOOR SYSTEM IS IN PLACE OR THE FOUNDATION WALLS ARE ADEQUATELY BRACED AT THE TOP OF THE WALL.

7. FOUNDATION ANCHORAGE SHALL CONSIST OF A MINIMUM OF 5/8" DIAMETER ANCHOR BOLTS AT 32" O.C., 9" MINIMUM EMBEDMENT IN CONCRETE. PROVIDE SUFFICIENT BOLT LENGTH FOR BOLTING TO SILL WITH WASHER AND NUT.

WOOD FRAMING NOTES

1. ALL STRUCTURAL WOOD SHALL BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF INSPECTION BY A RECOGNIZED INSPECTION AGENCY.

2. STRUCTURAL WOOD SHALL BE SPRUCE-PINE-FIR (SPF) #2 OR BETTER OR EQUIVALENT HAVING THE FOLLOWING MINIMUM STRENGTH PROPERTIES:

Fb = 875 PSI (1000 PSI REPETITIVE MEMBER)

Fv = 135 PSIE = 1.400,000 PSI

Fc (PARALLEL) = 1,150 PSI Fc (PERPENDICULAR) = 425 PSI

3. LVL OR PSL INDICATE LAMINATED VENEER LUMBER AND PARALLEL STRAND LUMBER RESPECTIVELY. LVL AND PSL BEAMS AND POSTS SHALL CONFORM TO iLEVEL (TRUS-JOIST) SPECIFICATIONS OR EQUAL WITH THE FOLLOWING MINIMUM STRENGTH PROPERTIES:

Fb = 2,925 PSIFv = 290 PSIE = 1,900,000 PSIFc (PARALLEL) = 2.900 PSI Fc (PERPENDICULAR) = 750 PSI

4. MULTIPLE PLIES OF 1 3/4" WIDE LVL'S SHALL BE FASTENED TOGETHER WITH A MINIMUM OF 3 ROWS OF 10d NAILS @12" O.C.; 4 ROWS OF 10d NAILS @ 12" O.C. FOR 14" AND DEEPER LVL'S.

5. NOT USED.

6. ALL FLOOR JOISTS SHALL HAVE BRIDGING INSTALLED AT MID-SPAN OR AT 8'-0" O.C. MAXIMIUM.

7. PROVIDE SOLID FRAMING/BLOCKING TO POSTS AND/OR SUPPORTS BELOW. PROVIDE 1 1/2" MINIMUM BEARING LENGTH FOR ALL BEAMS AND HEADERS.

8. INSTALL SIMPSON H2.5 CONNECTORS AT THE ENDS OF ALL RAFTERS AND/OR TRUSSES.

9. PLYWOOD SHALL BE CAPABLE OF SUPPORTING DESIGN LOADS AT REQUIRED SUPPORT SPACING AND BEAR APPROPRIATE GRADING STAMP FROM AMERICAN PLYWOOD ASSOCIATION.

10. ALL WOOD PERMANENTLY EXPOSED TO THE WEATHER, IN CONTACT WITH CONCRETE OR IN CONTACT WITH THE GROUND OR OTHERWISE SPECIFIED SHALL BE PRESSURE TREATED FOR GROUND CONTACT.

11. DECK FRAMING SHALL BE PRESSURE TREATED THE LEDGER SUPPORT AT THE HOUSE SHALL BE ATTACHED TO THE HOUSE VIA 3 1/2" x 5/16" Lag Bolts @ 16" OC, STAGGERED. SUPPORT POSTS TO BE PT 4X4 FOR DECK HEIGHT UP TO 8 FEET ABOVE GRADE. PROVIDE LATERAL BRACING AND/OR INCREASED POST SIZE AT HEIGHTS ABOVE THAT.

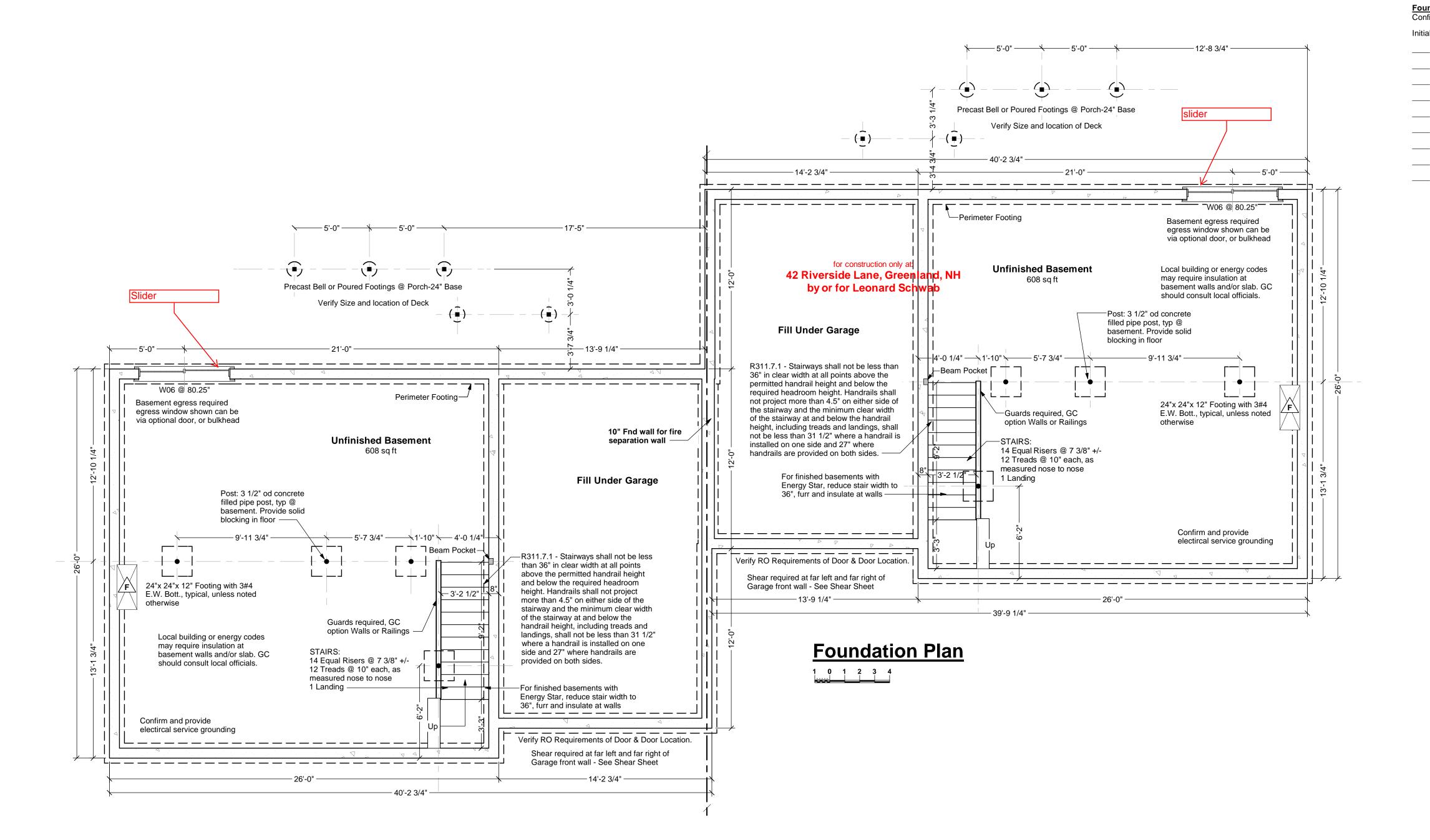
12. NOT SHOWN - PROVIDE HANGERS AT ALL BEAM ENDS WHERE NO SUPPORTING POSTS - SIZE HANGERS PER CODE AND PER MANUFACTURER'S INSTRUCTIONS.

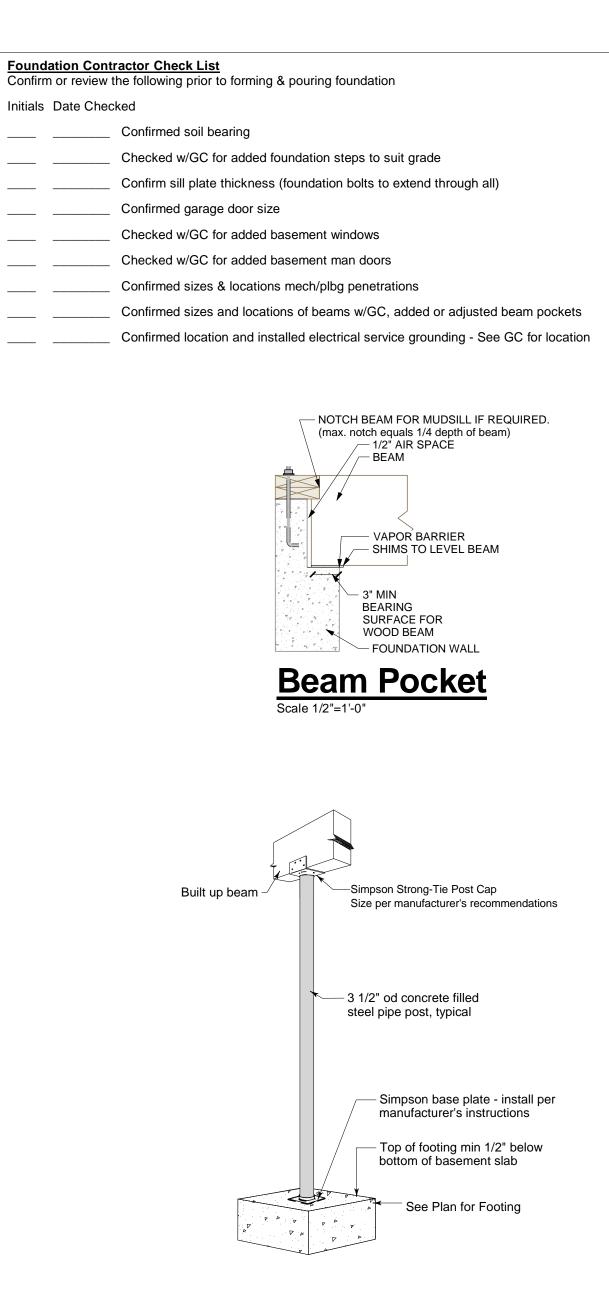
WHERE MULTIPLE BEAMS ARE SUPPORTED ON A SINGLE POST, PROVIDE POST CAP MANUFACTURED BY SIMPSON STRONG TIE PROVIDING FULL 2" BEARING FOR EACH MEMBER, AND RECOMMENDED BY THE MANUFACTURER FOR CONNECTION TO THE BEAMS AND POSTS

HANGERS TO BE AS MANUFACTURED BY SIMPSON STRONG-TIE AND RECOMMENDED BY THE MANUFACTURER FOR CONNECTION OF THE MEMBERS SHOWN.

HANGERS AND POST CAPS SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. INCLUDING SIZE, PLACEMENT AND NUMBER OF NAILS.

HANGERS, POST CAPS AND OTHER CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG TIE AND AS RECOMMENDED BY THE MANUFACTURER FOR CONNECTION TO THE BEAMS AND POSTS SHOWN.





Typical Basement Post

TYPICAL PERIMETER FOUNDATION WALL:

• @ top - (2) #4 rebar, 4" from top, lap corners &

• @ bottom - (2) #4 rebar, min 3" from bottom or

Secure sill to foundation with 1/2" diameter

anchor bolts that extend 7" into concrete and

tightened with a nut and washer @ 6' oc & max

12" from each corner & each end @ wood sill

splices - if built-up sill, bolts must extend through

all sill plates or straps must secure all sill plates.

TYPICAL PERIMETER FOOTING:

• (3) #4 rebar, min 3" from bottoms

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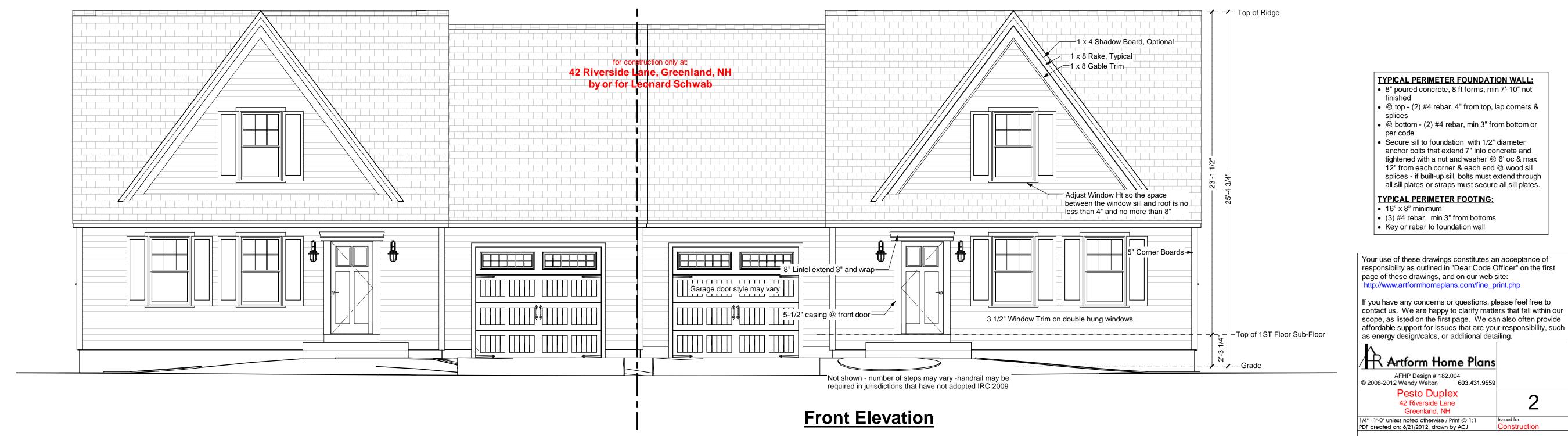
Key or rebar to foundation wall

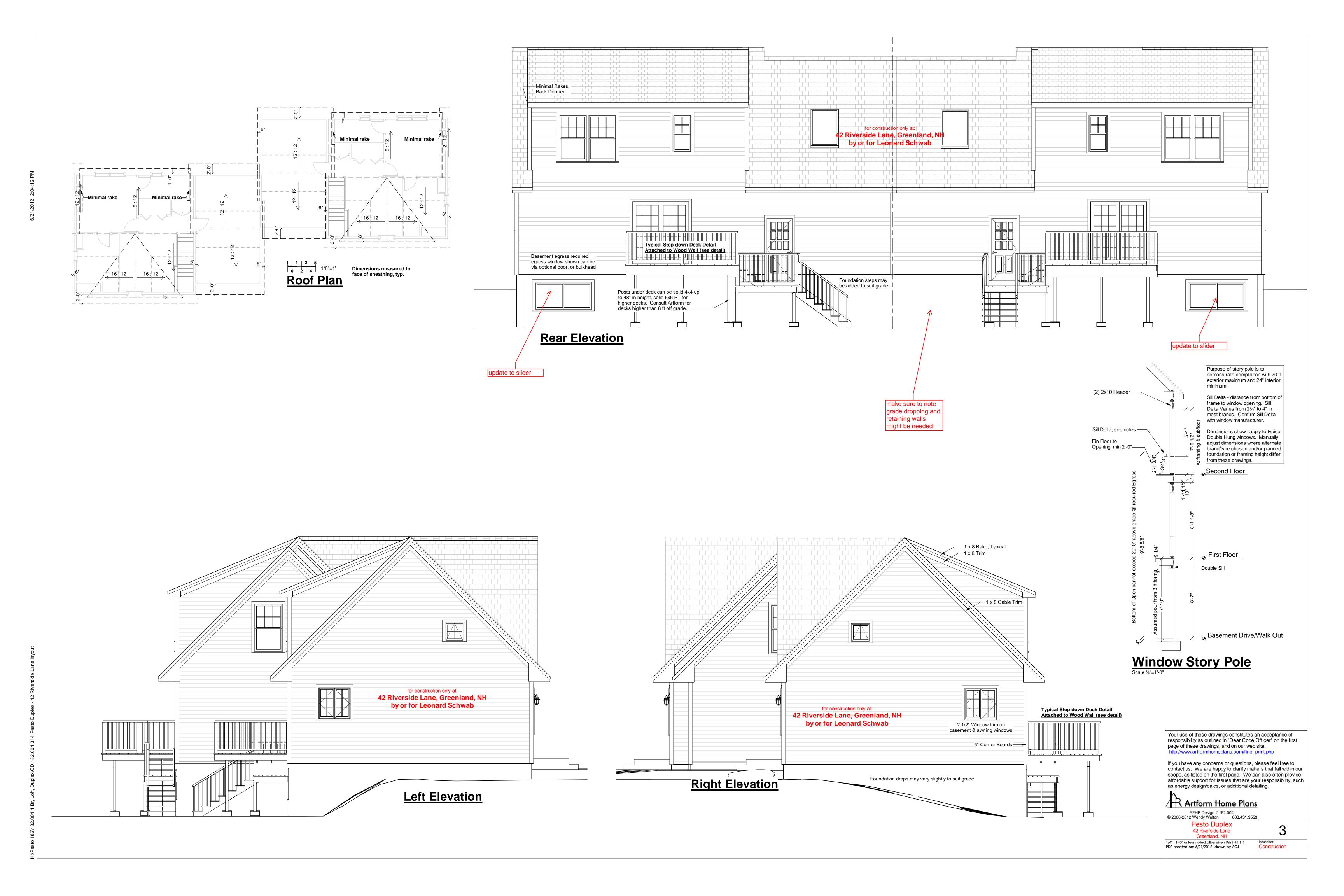
• 8" poured concrete, 8 ft forms, min 7'-10" not

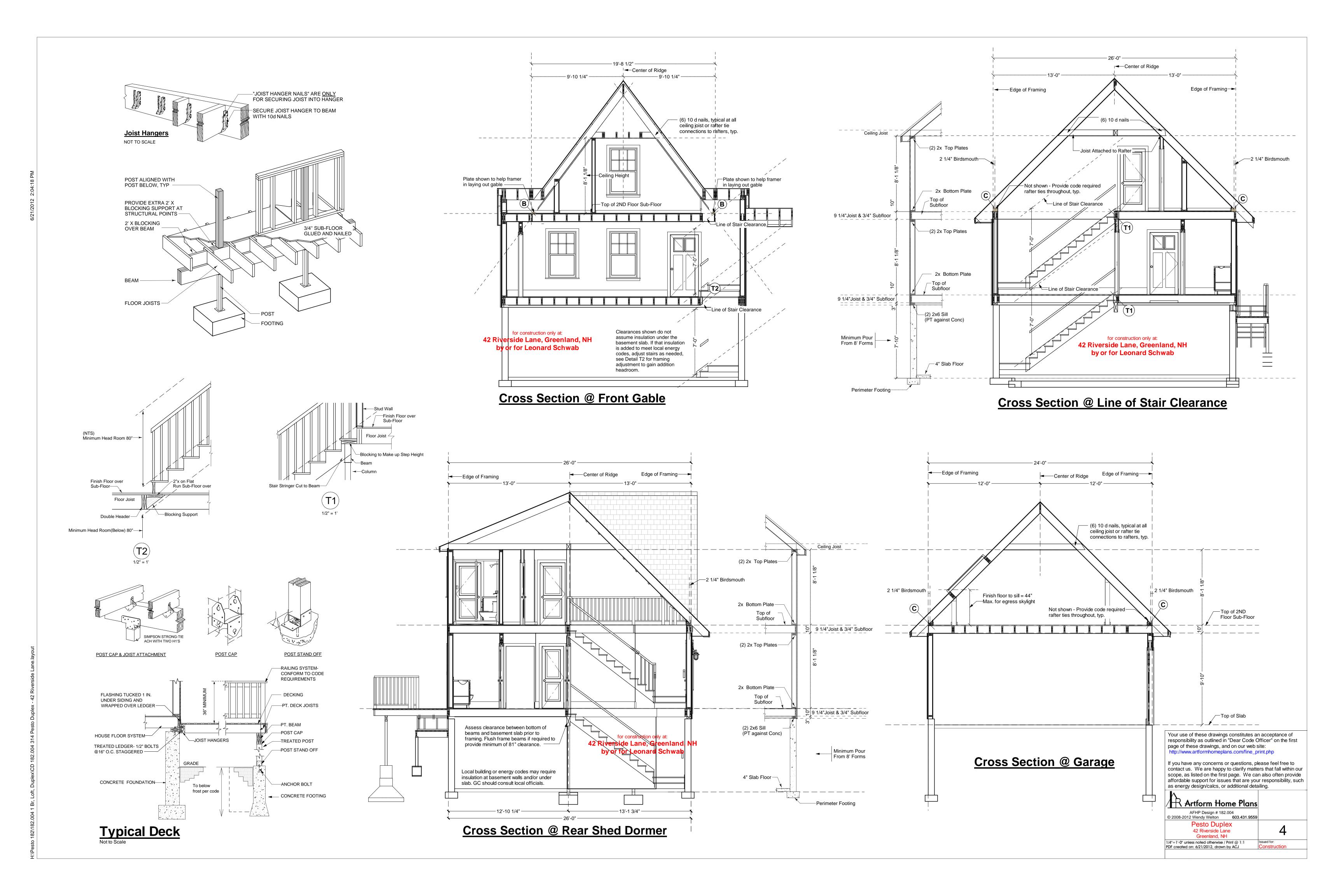
splices

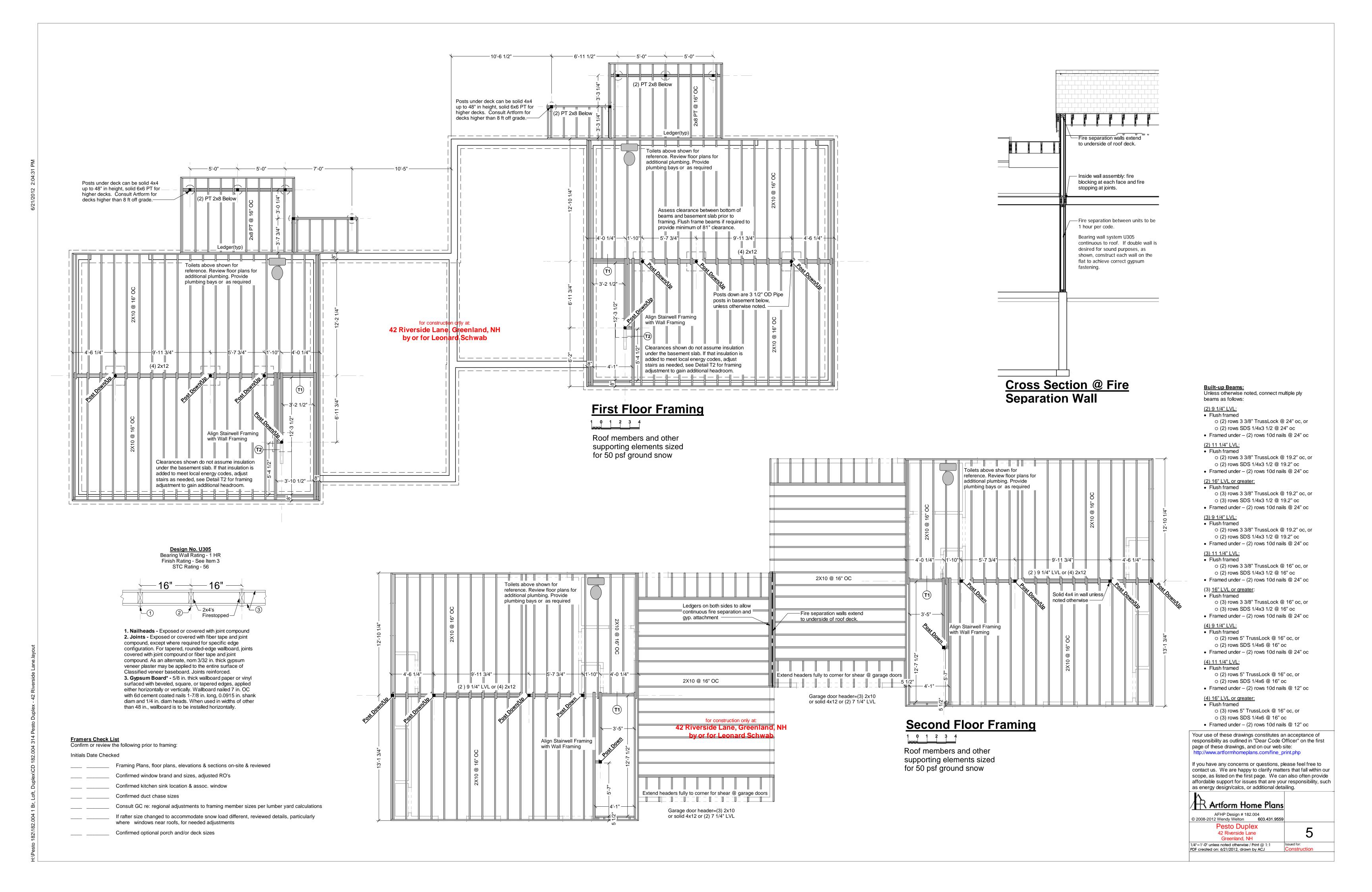
per code

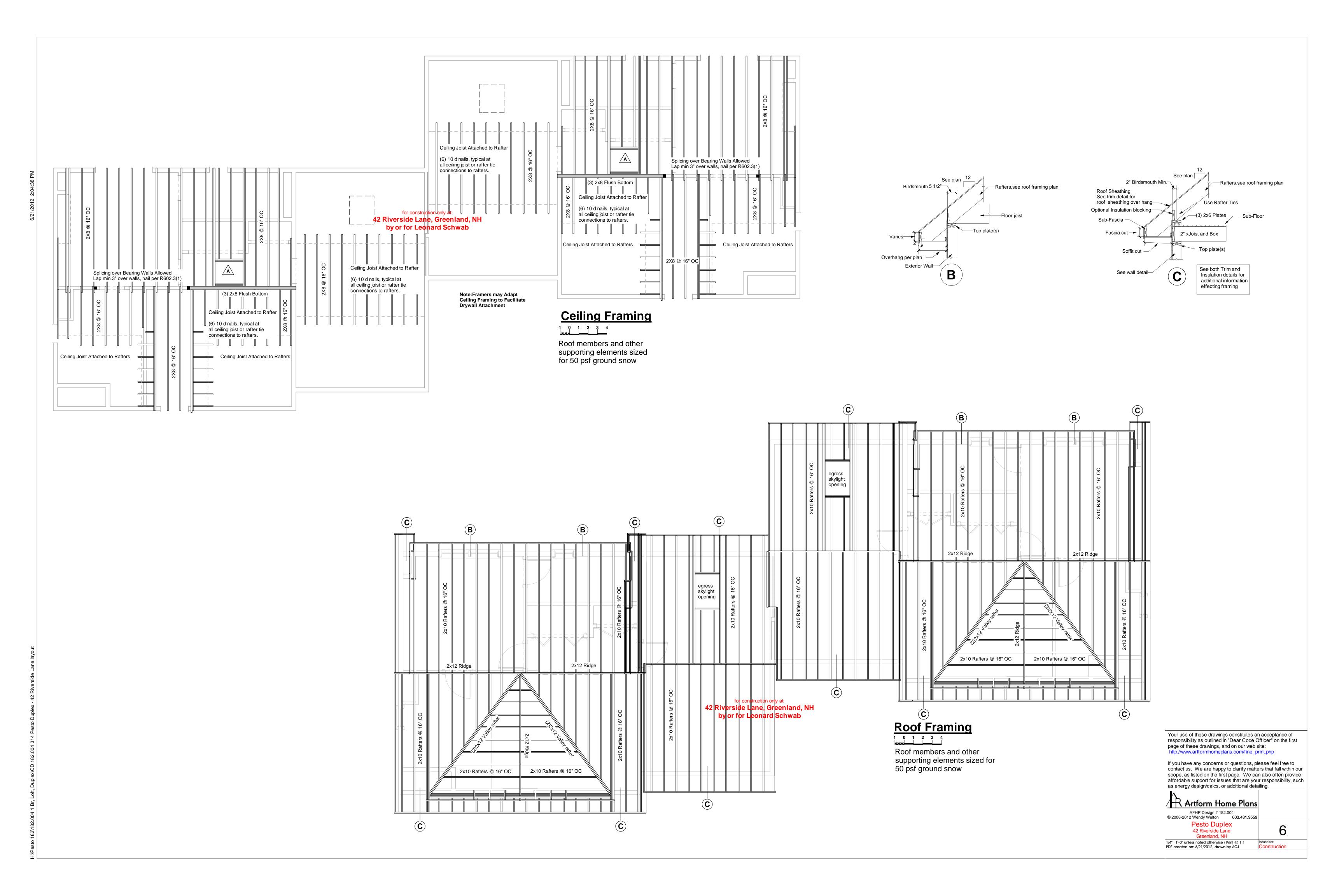
• 16" x 8" minimum



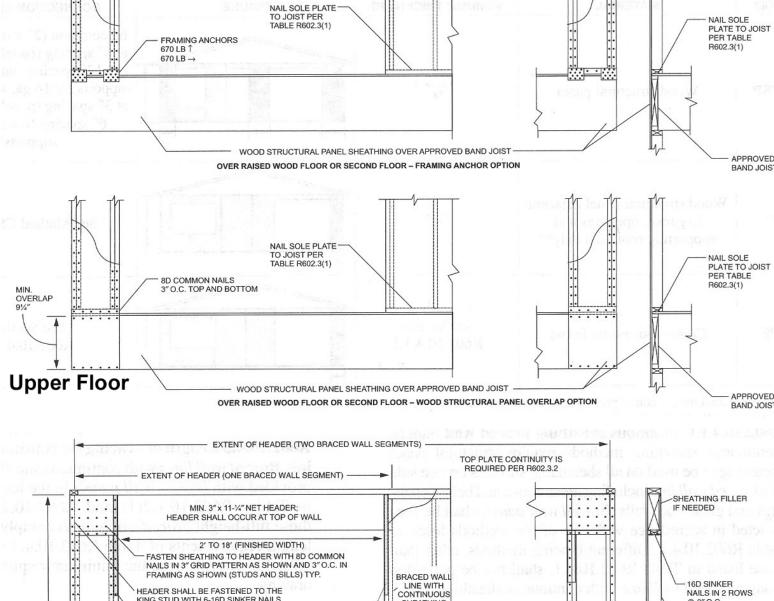








METHOD PFG PORTAL FRAME AT GARAGE DOOR OPENINGS IN SEISMIC DESIGN CATEGORIES A, B AND C



HEADER SHALL BE FASTENED TO THE KING STUD WITH 6-16D SINKER NAILS MAX. HEIGHT 1000 LB HEADER-TO-JACK-STUD STRAP ON BOTH SIDES — 1000 LB HEADER-T0-JACK-STUD STRAP ON BOTH SIDES OF OPENING OF OPENING (INSTALL ON BACKSIDE AS SHOWN ON FOR A PANEL SPLICE (IF NEEDED), PANEL EDGES SHALL BE BLOCKED AND OCCUR WITHIN 24" OF MID HEIGHT; ONE ROW OF TYP. SHEATHING-TO-FRAMING IS REQUIRED IN EACH WOOD STRUCTURAL PANEL STRENGTH AXIS - MIN. (2) 2x4 TYP. I FNGTH BASED ON TABLE R602.10.4.2 STRUCTURAL PANEL Basement \ MIN. 2"x2"x3/16" PLATE WASHER NOT TO SCALE For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound force = 4.448 N.

FIGURE R602.10.4.1.1

METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION

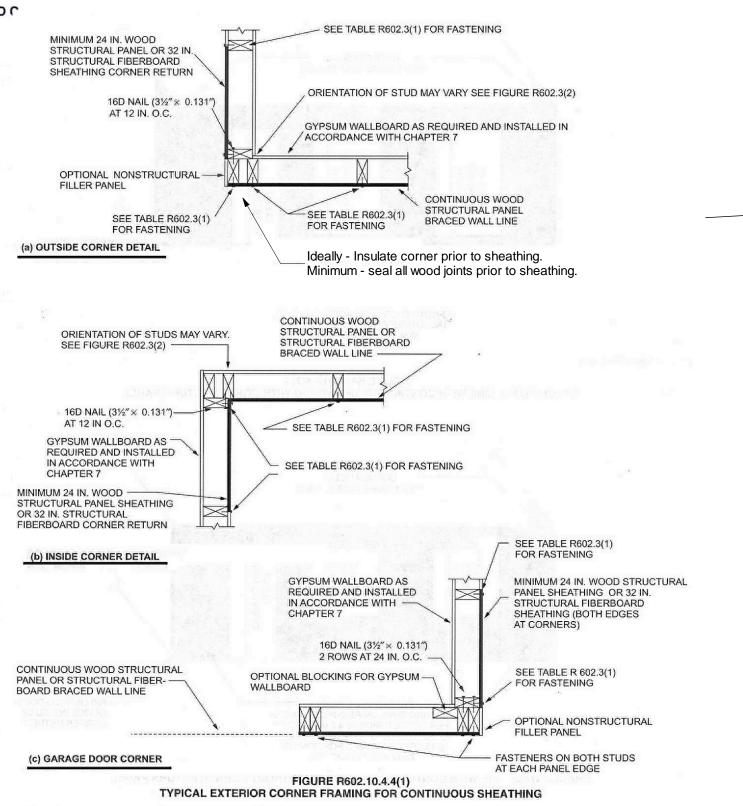
2009 INTERNATIONAL RESIDENTIAL CODE®

Shear Wall Details

Notes:

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- See plans for locations where shear panels are required.
- Details shown here are for one method and for typical conditions. An alternate shear method allowed per code or approved by the code officer may be substituted.
- If the method at left is used at Garages where width of panel is 20" or more, wall height may be 10 ft as shown in detail at left. Where panel width is 18"-20", wall height may be 9 ft. Where panel is 16"-18", wall height may be 8 ft. Where panel is less, consult architect for additional design.
- If the method at left is used, increase foundation wall height at front and for 2 ft along wall returns as required to meet maximum wood stud wall heights, and extend sheathing and siding in front of wall to achieve desired aesthetics. Untreaded wood may not be in direct contact with concrete - use treated wood or provide a barrier, such as a rubber membrane or felt paper.



Thermal and Moisture

APPROPRIATE TO CLIMATE AND SOIL CONDITIONS

- FOUNDATION DRAINS AND SITEWORK AS IS

WINDOW FLASHING: FOLLOW WINDOW

MANUFACTURER'S INSTRUCTIONS FOR

WINDOW INSTALLATION FOR WIND LOAD

NOTE: WHERE ENGINEERED JOISTS ARE USED,

OPTIONAL SEALANT *1-

OPTIONAL ADHESIVE *1 -

OPTIONAL SEALANT *1

SILL SEALER (REQUIRED) -

ALL WOOD MIN 9" FROM

OPTIONAL EXTERIOR

2X4 SHEAR KEY, WITH WATER STOP

OR REBAR PIN AND CAPILLARY BREAK-

FOUNDATION INSULATION *4-

FOUNDATION COATING-

CONCRETE WALL-

SOIL OR ORGANIC MATTER

USE MANUFACTURER RECOMMENDED RIM

MANUFACTURER RECOMMENDED SPACING

NOT SHOWN: PROVIDE TERMITE SHIELD

AND/OR SPECIFIC SITE

SLOPE GRADE FROM HOUSE

WHERE APPROPRIATE TO THE CLIMATE

PRODUCT, BRIDGING AND BLOCKING @

WAPOR BARRIER AT

INTERIOR <u>OR</u> EXTERIOR SIDE OF FRAMING *3

OPTIONAL CONTINUOUS

SEALANT AT BOTTOM OF

INSTRUCTIONS

PROTECTED WHERE REQUIRED BY CODE

FINISHED FLOOR (OPTIONAL) -

MIN 6" COMPACTED CRUSHED STONE, NO FINES

(3) #4 REBAR, MIN 3" FROM BOTTOMS

STRUCTURAL NOTES

- CONCRETE FOOTING - SEE PLAN FOR SIZE

UNDISTURBED SOIL, CONFIRM BEARING, SEE

4" CONCRETE SLAB-

—(2) #4 REBAR, MIN 3" FROM BOTTOM

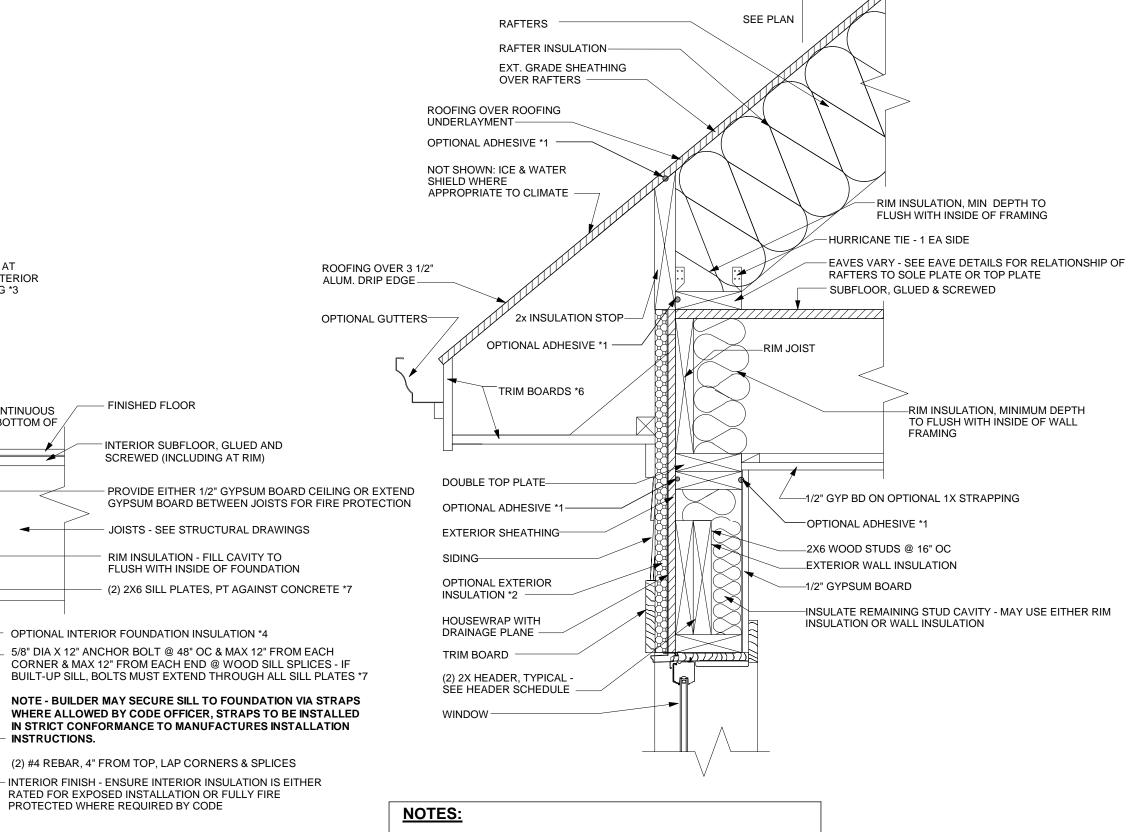
6 MIL POLYETHYLINE VAPOR BARRIER—

OPTIONAL UNDER-SLAB INSULATION *5—

—1/2" COMPRESSIBLE FILLER

WELDED WIRE FABRIC

- FINISHED FLOOR



RESPONSIBILITY FOR THERMAL AND MOISTURE DESIGN LIES WITH THE BUILDER AND/OR HOMEOWNER. IF THESE DETAILS, IN COMBINATION WITH BUILDER-PROVIDED SPECIFICATIONS AND MANUFACTURER'S CUT SHEETS ARE INSUFFICIENT FOR PERMITTING, CONTACT ARTFORM HOME PLANS @ 603-431-9559 TO HAVE DETAILS ADJUSTED PER YOUR MARK-UP.

*1 OPTIONAL SEALANTS AND ADHESIVES ARE RECOMMENDED FOR ADVANCED

*2 OPTIONAL EXTERIOR INSULATION IS RECOMMENDED FOR ADVANCED

*3 PROVIDE VAPOR BARRIER APPROPRIATE TO CLIMATE AND TO SELECTED INSULATION. LOCATE VAPOR BARRIER WITHIN WALL ASSEMBLY AS IS
APPROPRIATE TO CLIMATE. BUILDER TO PROVIDE SPECIFIC MATERIAL CHOICES ON SEPARATE SPECIFICATIONS SHEET.

*4 OPTIONAL FOUNDATION INSULATION IS RECOMMENDED FOR ADVANCED ENERGY PERFORMANCE. IF EXTERIOR INSULATION IS SELECTED PROVIDE PROTECTION FROM WEATHER DAMAGE, INSECTS, ETC AS IS APPROPRIATE TO CLIMATE AND BUILDING SITE. IF INTERIOR FOUNDATION INSULATION IS CHOSEN, PROVIDE FIRE PROTECTION WHERE APPROPRIATE TO TYPE OF INSULATION.

PARTICULARLY IF UNDER SLAB INSULATION IS INSTALLED. DESIGN ASSUMES 8

*5 OPTIONAL UNDERSLAB INSULATION IS RECOMMENDED FOR ADVANCED ENERGY PERFORMANCE . COORDINATE HEIGHTS WITH MECHANICAL, FOUNDATION AND FRAMING TO ENSURE CODE CLEARANCE WHERE BASEMENT SPACE IS HABITABLE. *6 FINISHING OF EAVES MAY VARY - SEE PROJECT DETAILS OR BUILDER

SUPPLIED ALTERNATES. *7 DOUBLE SILL PLATE IS OPTIONAL IF BASMENT IS NOT HABITABLE. DOUBLE SILL IS INTEGRAL PART OF DESIGN WHERE BASEMENT IS HABITABLE,

FOOT FORMS ACHIEVING 7'-10" POUR.

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AFHP Design # 182.004

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Greenland, NH 1/4"=1'-0" unless noted otherwise / Print @ 1:1 PDF created on: 6/21/2012, drawn by ACJ

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