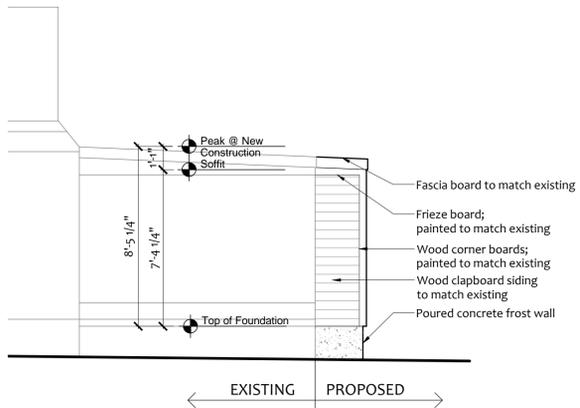
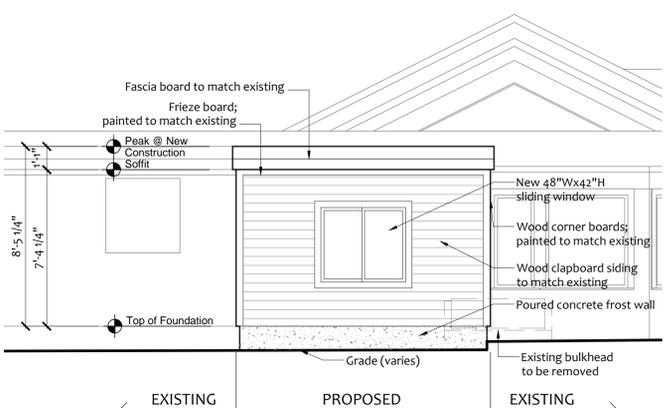


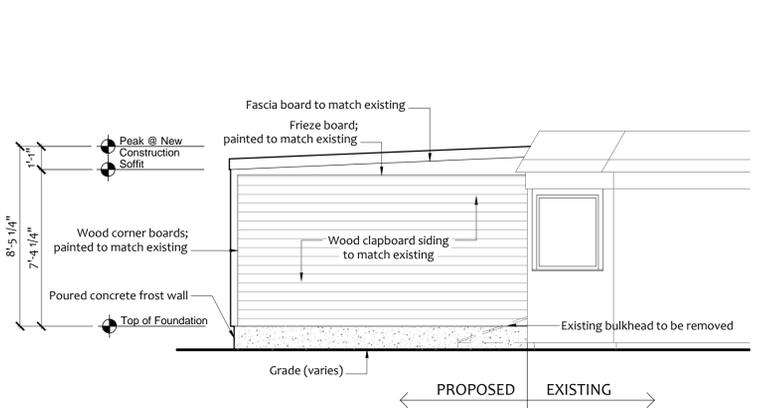
Detail - Stair Handrail
Scale: 1/2" = 1'-0"



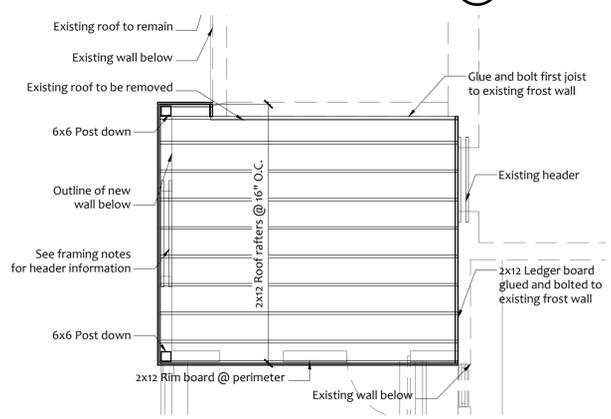
Rear Elevation
Scale: 1/4" = 1'-0"



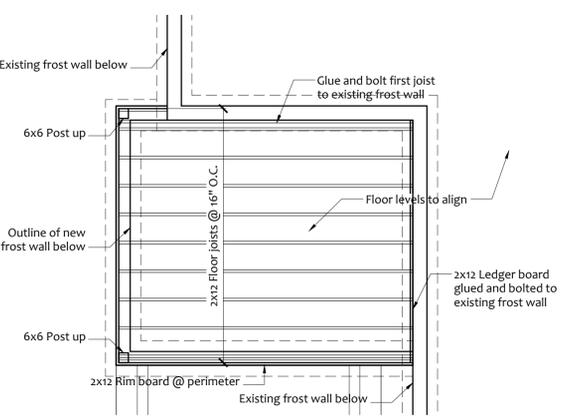
Side Elevation
Scale: 1/4" = 1'-0"



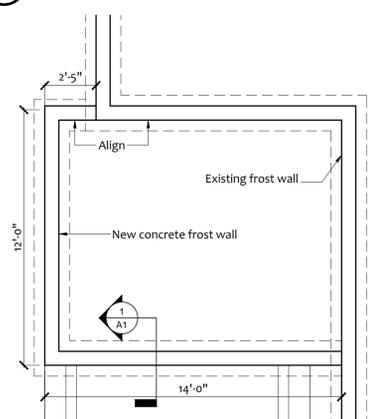
Front Elevation
Scale: 1/4" = 1'-0"



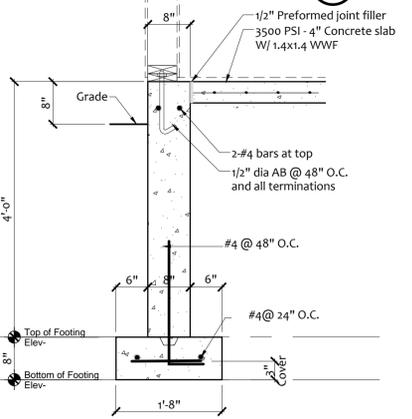
Roof Framing Plan
Scale: 1/4" = 1'-0"



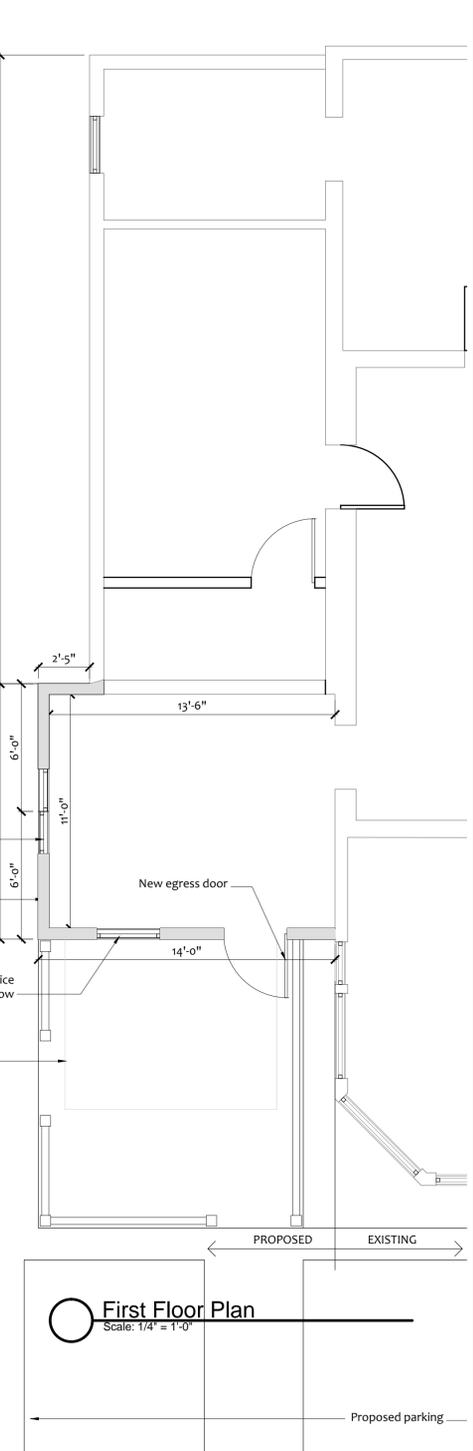
First Floor Framing Plan
Scale: 1/4" = 1'-0"



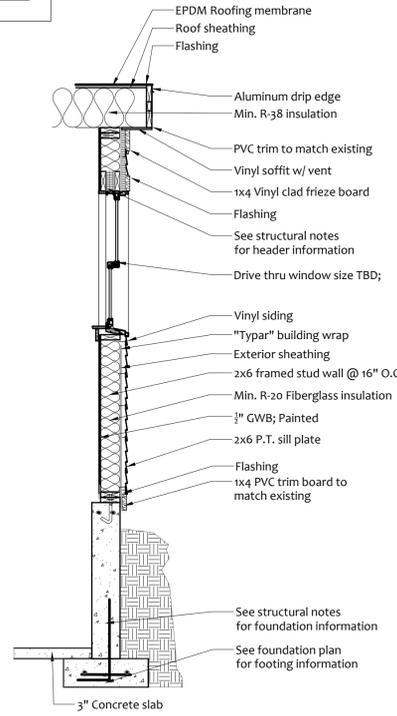
Foundation Plan
Scale: 1/4" = 1'-0"



1 Typical Frost Wall @ Garage
Scale: 3/4" = 1'-0"



First Floor Plan
Scale: 1/4" = 1'-0"



Typ. Wall Section
Scale: 1/2" = 1'-0"

STRUCTURAL NOTES

- GENERAL:**
- Structural drawings shall be used in conjunction with architectural, mechanical, plumbing, electrical drawings plus shop drawings and specifications.
 - All existing dimensions and conditions must be verified or determined in the field and any discrepancies shall be brought to the attention of the architect/engineer before proceeding with the affected portion of the work.
 - Details shown on any drawings are to be considered typical for all similar conditions, unless otherwise noted.
 - Refer to architectural drawings for dimensions and details not shown.
 - Roof truss drawings shall be prepared and stamped prior to roof construction. Stamped drawings shall be provided to the Code Enforcement Office.
 - Anchor bolts to be provided with 7" minimum embedment. Anchor bolts to be placed at a maximum of 12" but not less than 7 bolt diameters from each corner and at a maximum spacing of 6'-0" O.C. Minimum of two bolts per sill plate section.
- FOUNDATIONS & SLABS:**
- The bottom surface of all spread footings shall rest on undisturbed material or compacted structural fill with a minimum allowable bearing pressure of 3000 pounds per square foot.
 - The elevation top of each footing is indicated as [0'-0"] on plan. Top of each exterior footing shall be a minimum of 4'-0" below finish grade.
 - No footing shall be placed under water or on frozen ground.
 - Provide 8" minimum crushed gravel, compacted, with a reinforced vapor barrier under interior slabs on grade.
 - Backfill at foundation frost walls shall progress evenly on both sides of the wall to avoid unbalanced soil pressure loading.
 - Concrete retaining walls shall achieve 28 day strength prior to backfilling.
 - All placed gravel under slabs and foundations shall be compacted to at least 95% of maximum dry density as measured by a modified proctor test.
- CONCRETE:**
- All concrete construction shall conform to ACI standard 318 "building code requirements for reinforced concrete" latest edition.
 - All concrete used for slabs shall have a compressive strength at 28 days of at least 3500 psi. foundation concrete aggregate shall be 3/4"; slab aggregate shall be 1 1/2".
 - All concrete used for footings and walls shall have a compressive strength at 28 days of at least 3500 psi. foundation concrete aggregate shall be 3/4"; slab aggregate shall be 1 1/2".
 - All reinforcing bars shall conform to ASTM A 615 grade 60, and shall be deformed. Lap all continuous bars a minimum of 40 diameters. provide matching corner and intersection wall bars.
 - All welded wire fabric shall conform to ASTM A 185 in flat sheets. Lap one and one-half squares at all joints and tie at 3'-0" o.c.
 - Clear concrete protection for reinforcing:

A. Footings: 3" above bearing soil	D. Piers: 1 1/2" to ties
B. Foundation walls: 1 1/2"	E. Slabs on grade: 1" from top
C. Pilasters: 1 1/2" to ties	F. Slabs on metal deck: 1" from top
 - No bars shall be cut or omitted in the field because of sleeves, duct openings or recesses without the approval of the engineer.
- WOOD:**
- Truss manufacturer to supply stamped engineered drawings and calculations
 - Header sizes as follows:

Up to 48" - double 2x8 with plywood spacer as required
49 to 96" - double 2x10 with plywood spacer as required
Over 97" - double 2x12 with plywood spacer as required
 - Framing plans are intended to indicate general layout only, refer to plans, sections and details to coordinate all dimensions and relationships required.
 - All materials, accessories and connections shall be in conformance with the 2018 IBC, NFPA1, and shall be of good workmanship use only skilled labor for framing of this project.
 - Minimum lumber qualities: spf #2 or better
fb: 1,100 psi
e: 1,300,000 psi
 - Plywood shall bear agency stamp and shall meet requirements as indicated.
 - Fully coordinate with all trades to avoid conflicts.
 - Changes in the framing shall not be made prior to submittal of a drawing for architect/engineer approval.
 - Lateral bracing to be provided at all roof trusses
 - All framing in contact with concrete or within 24" of the ground shall be Pressure treated lumber

GENERAL NOTES:

- Contractor shall review existing conditions by field visit prior to submitting bid.
- Dimensions shown are approximate only. All dimensions shall be field verified and coordinated with existing conditions.
- Contact architect / engineer for decisions related to variation from information shown.
- Contractor shall use due care in cutting into and working adjacent to existing conditions which are to remain. Any disturbed existing conditions shall be patched to match previous condition.
- The contractor shall certify that all work is in accord with the 2018 version of the International Building Code, NFPA1, all other local or national codes and requirements and good construction practices.
- Insulation to be provided to achieve the following values:
Walls: R-20
Floors: R-30
Sloped Ceiling: R-30
Flat Ceilings: R-38
Windows: U-.35
- Contractor to verify R.O. of doors and windows prior to purchase.

DEMOLITION NOTES:

- The contractor shall coordinate the actual work scope with field conditions and design plan requirements.
- Contractor to take all necessary measures to control dust, debris and noise resulting from demolition operations. Install temporary barriers as required to contain demolition materials from entering occupied spaces.
- Contractor shall provide enclosed chutes to transfer demo materials to dumpster located at grade. Transfer of debris through occupied areas of the building will not be allowed. Approve in advance with owner location of dumpster. Protect grounds and landscape materials from damage, restore any site areas damaged by operations to match previous conditions.
- Where work involves load bearing structures, provide temporary bracing or shoring as required to safely transfer required load. Do not proceed with work unless all shoring is in place.
- Contractor to remove demolition debris from site and dispose of materials in legal landfills approved for construction debris. Dumping slips shall be retained by the contractor and given to the owner if requested.
- The contractor shall be responsible for obtaining all permits required for this work, and arranging for any required inspections.

These drawings are LIMITED SCOPE and are intended only to describe general design intent, scale, overall spatial relationships and material where indicated. These drawings shall be considered preliminary for purposes of design review, comment, or budget pricing only, unless expressly released for other purposes as indicated in the issue log. The architect assumes responsibility for errors in the information provided, and not for omissions.

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603 769 7736



Engineer:

SAMPSON ARCHITECTS
2013 WOP#13-012

Prepared For
David Ingerman

PROJECT
Proposed Drive Thru
Brattleboro, VT

TITLE
Plans Elevations Details/Notes

Date:	Revisions:
5.19.20	Permitting R1
6.25.20	Permitting R1

SCALE As Noted

DATE 6.25.20

SHEET NUMBER

A1