Up Hill House

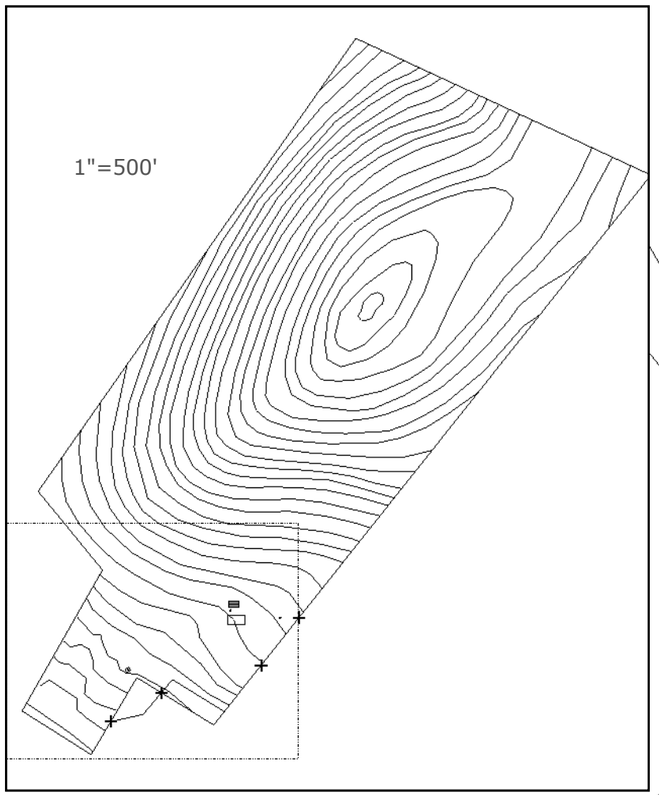
Cambridge, New York

Title:
Cover

Scale:
NA

Date:
07-July-2010

A-0



840'
820'
800'
780'
760'
740'
720'
700'
680'
660'
173'
115'
50'
Proposed House
Proposed Well Location
Proposed Leachfield
Existing log cabin
Existing driveway entrance
Chestnut Hill Road
Proposed property adjustment
Existing logging road - Proposed driveway
N

Latitude: 43°
Elevation: 820' (approx)

Up Hill House

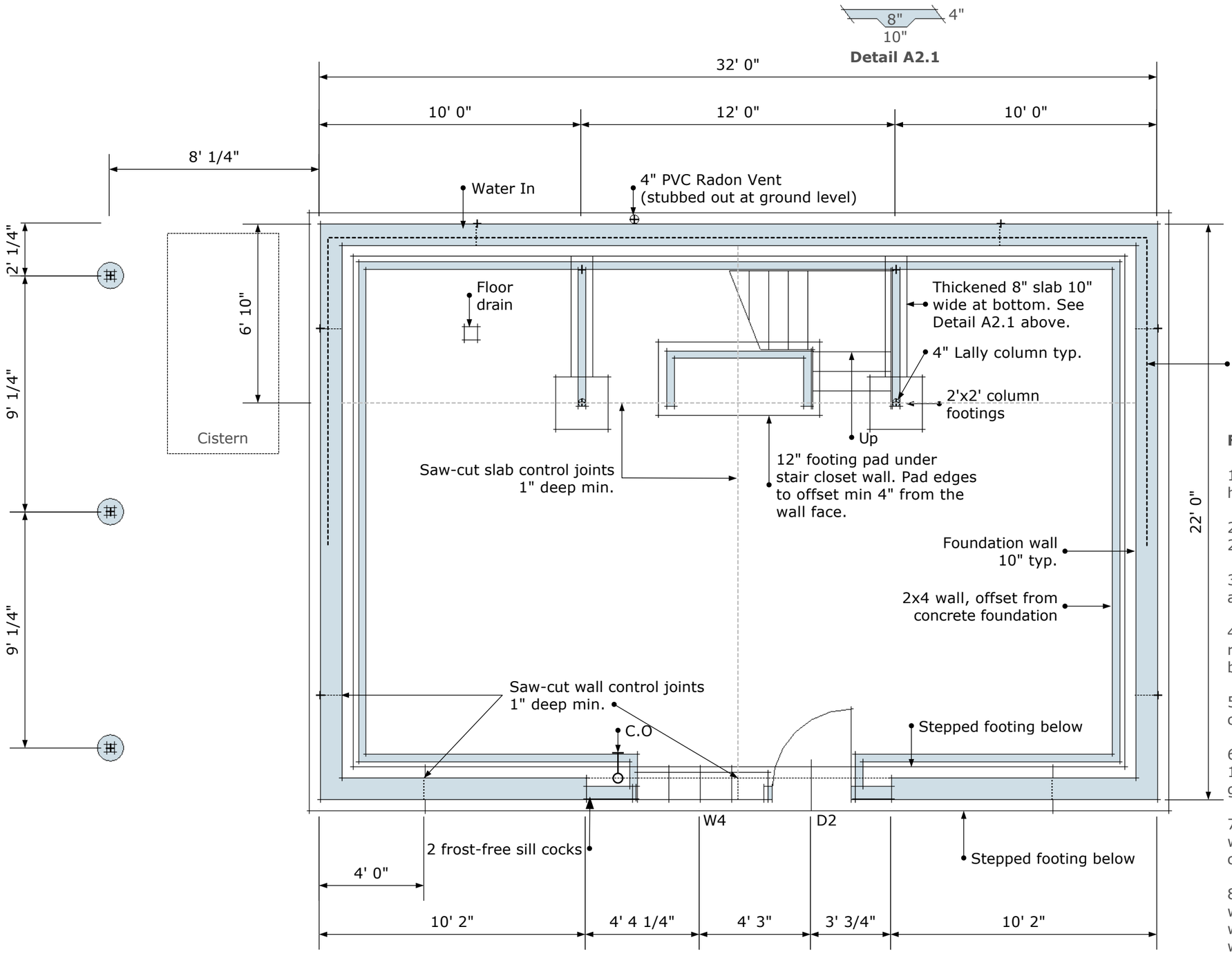
Cambridge, New York

Title:
Site Plan

Scale:
1"=100'

Date:
07-July-2010

A-1



Foundation Notes:

1) All concrete footings & walls to have 3000 PSI concrete.

2) All wall footings to be minimum 20"x10" or as noted otherwise.

3) All frost walls to be 10" thick and four feet below finish grade.

4) All walls to have 2-#5 grade 60 rebars at top of the wall and at the bottom of the footing.

5) All reinforcing steel to have 3" clear cover when below grade.

6) All reinforcing steel to have 1 1/2" clear cover when above grade.

7) Floor slabs must be 4" thick with fiber mesh and 3500 PSI concrete.

8) Provide control joints in walls within 10' of corners, at steps in wall and at every 20'. Fill joints with sealant.

9) Provide control joints in slabs at every 20' and along the column lines.

Up Hill House

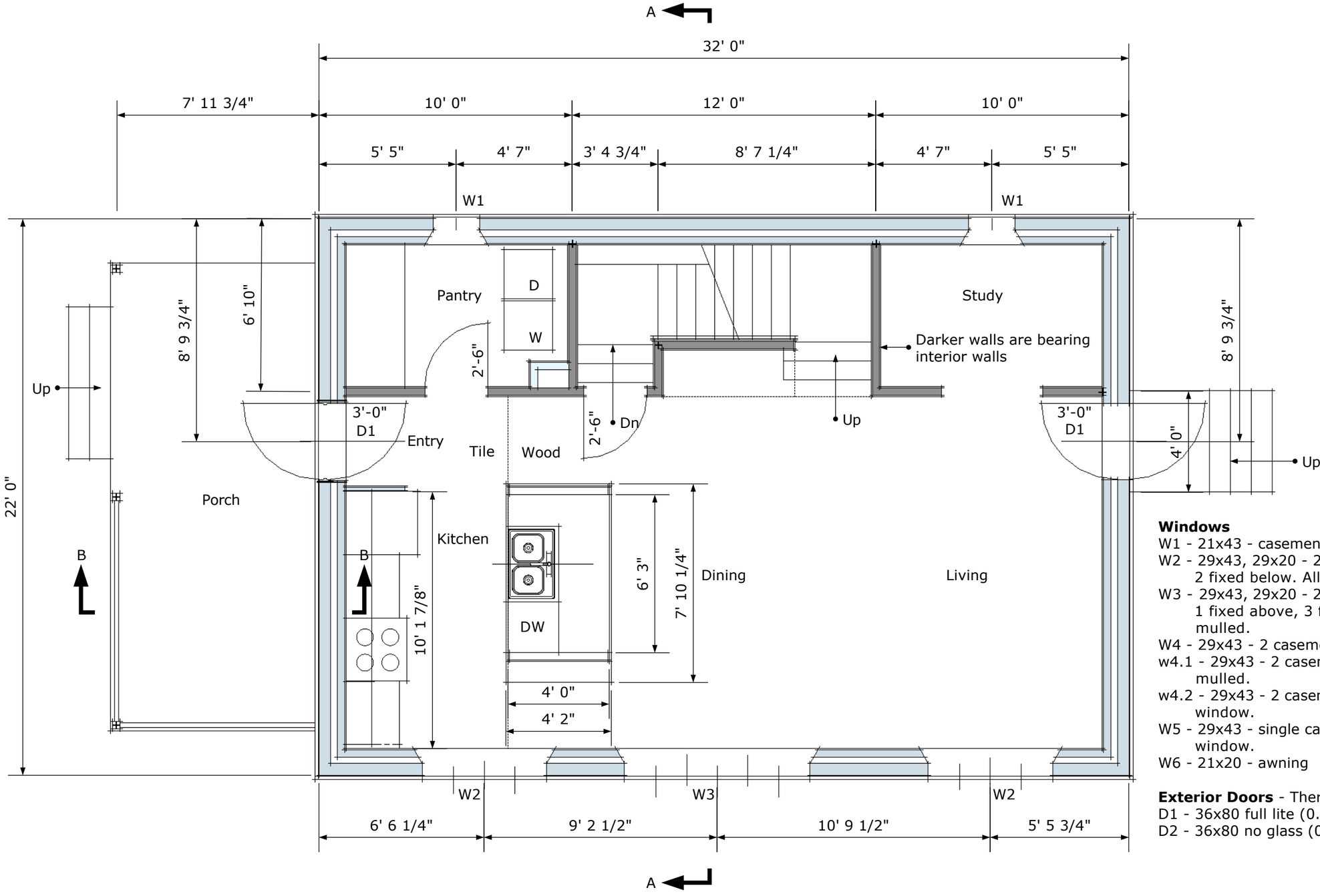
Cambridge, New York

Title:
Basement

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

Date:
07-July-2010

A-2



Windows
W1 - 21x43 - casements
W2 - 29x43, 29x20 - 2 casements above, 2 fixed below. All units mulled.
W3 - 29x43, 29x20 - 2 casements and 1 fixed above, 3 fixed below. All units mulled.
W4 - 29x43 - 2 casements, mulled.
w4.1 - 29x43 - 2 casements w/safety glass, mulled.
w4.2 - 29x43 - 2 casements, mulled. Egress window.
W5 - 29x43 - single casement. Egress window.
W6 - 21x20 - awning

Exterior Doors - Therma Tru
D1 - 36x80 full lite (0.24U, .12SHGC)
D2 - 36x80 no glass (0.13U, .01SHGC)

Scale 0 1' 2' 2'6"

Up Hill House

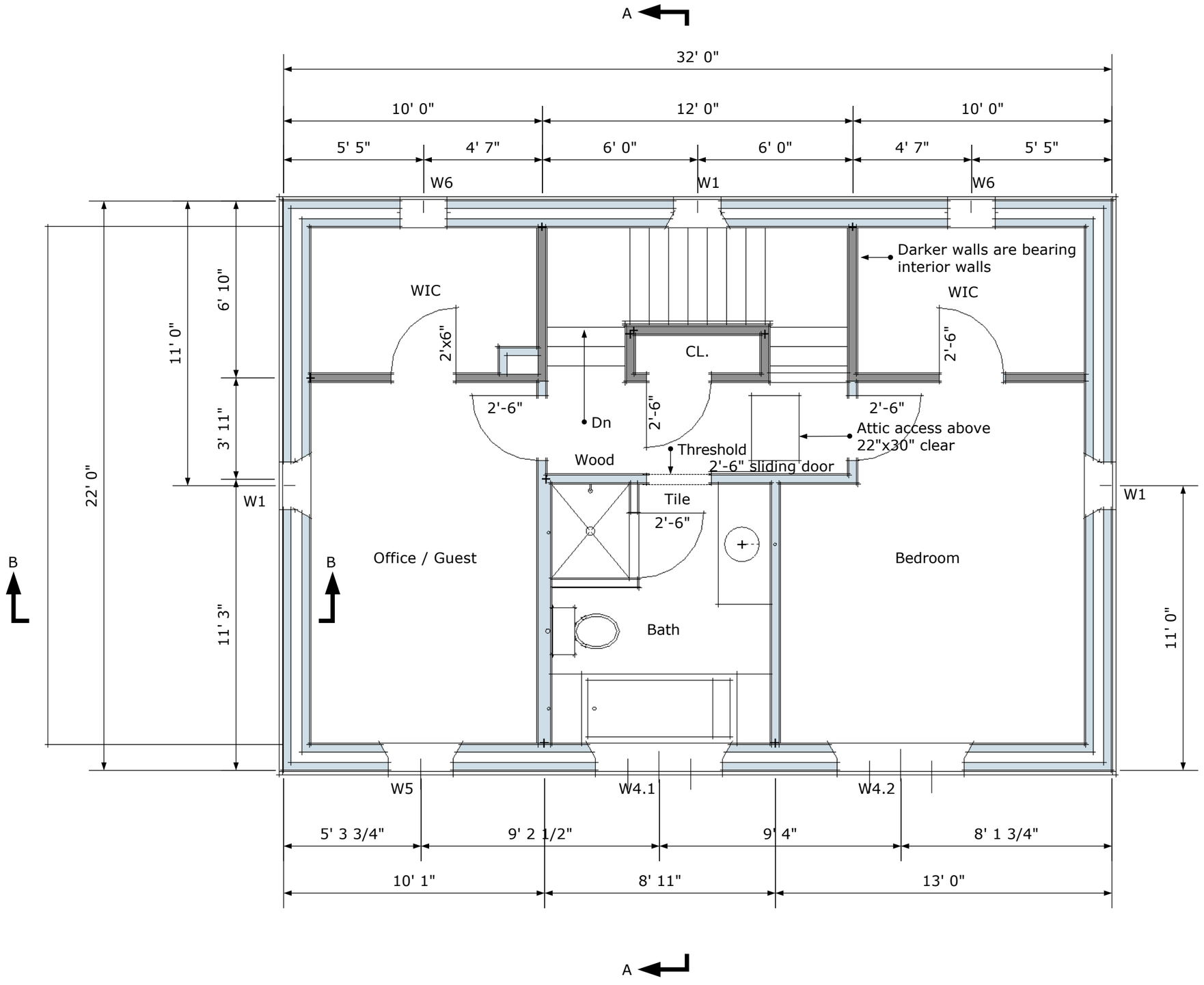
Cambridge, New York

Title:
First Floor

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

Date:
07-July-2010

A-3



Up Hill House

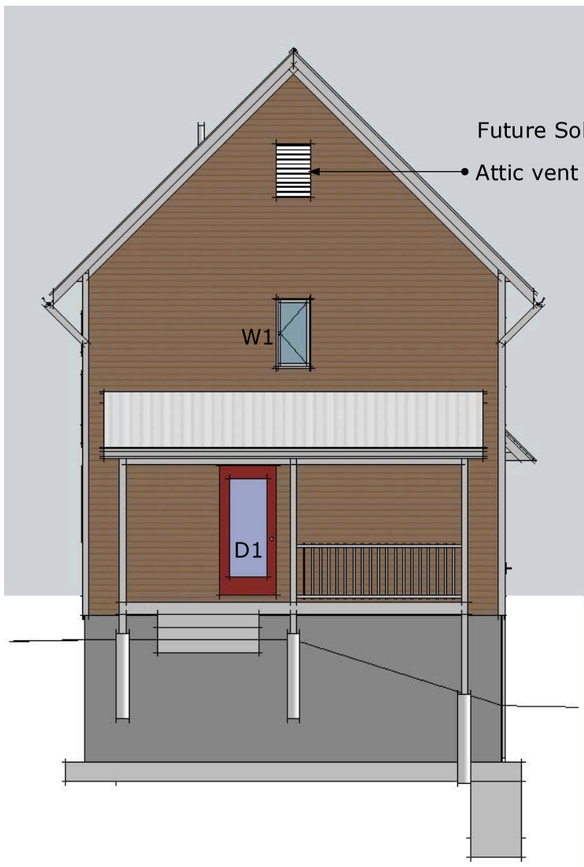
Cambridge, New York

Title:
Second Floor

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

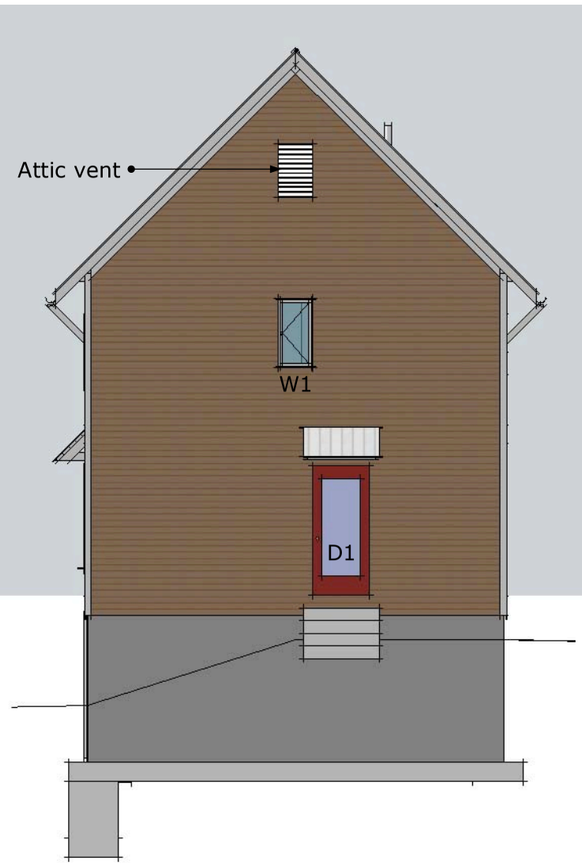
Date:
07-July-2010

A-4

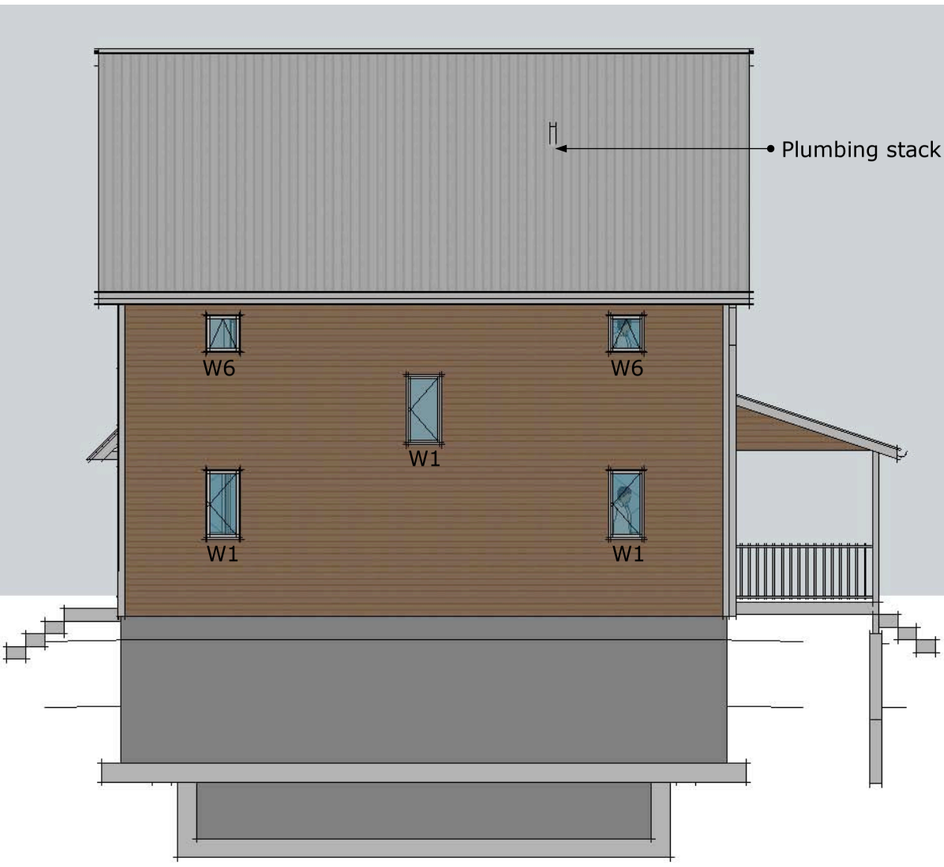


West Elevation

South Elevation



East Elevation



North Elevation

A-5

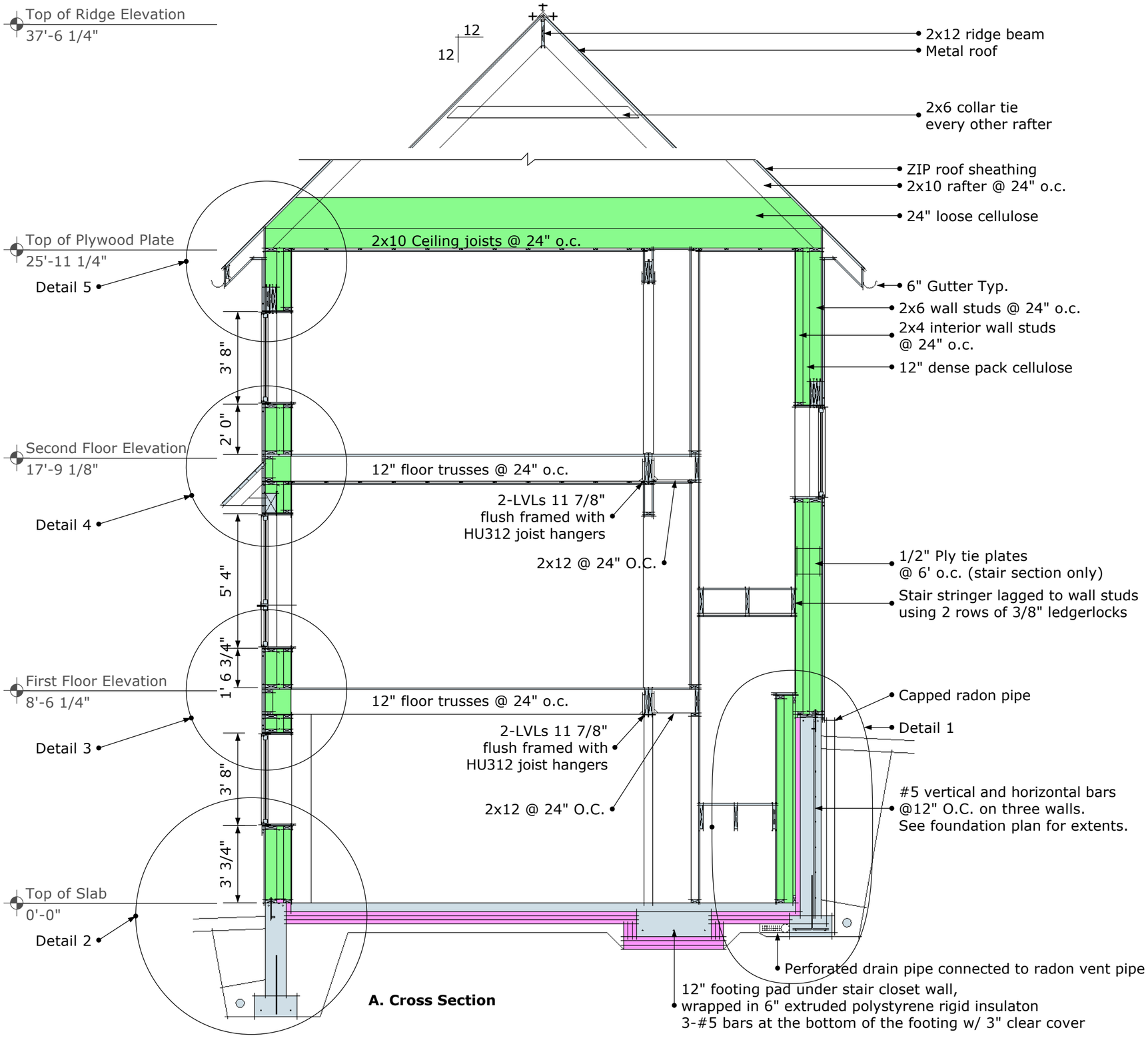
Title: Elevations

Scale: 1/8" = 1'-0"

Date: 07-July-2010

Up Hill House

Cambridge, New York



A. Cross Section

Up Hill House

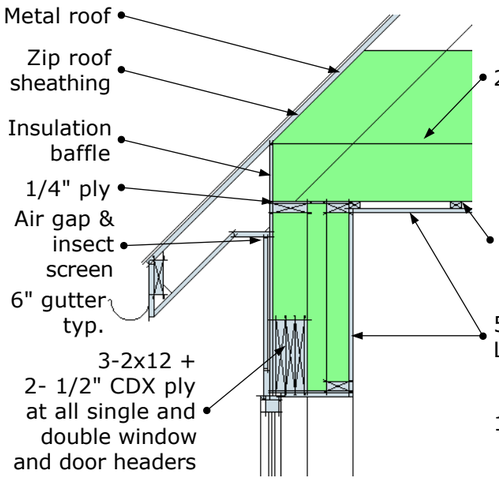
Cambridge, New York

Title:
Wall Section

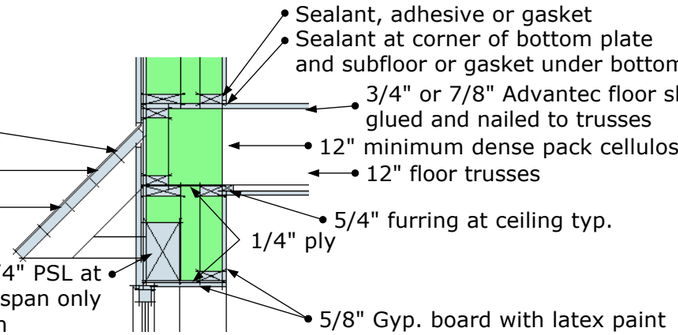
Scale:
1/4" = 1'-0"

Date:
07-July-2010

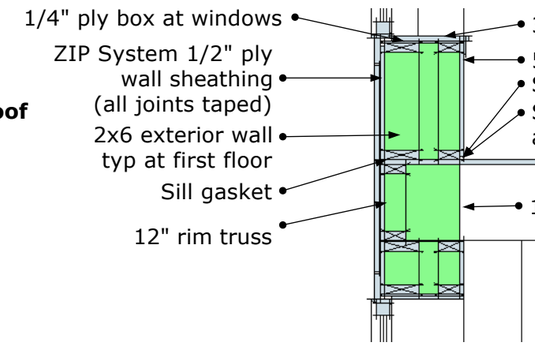
A-6



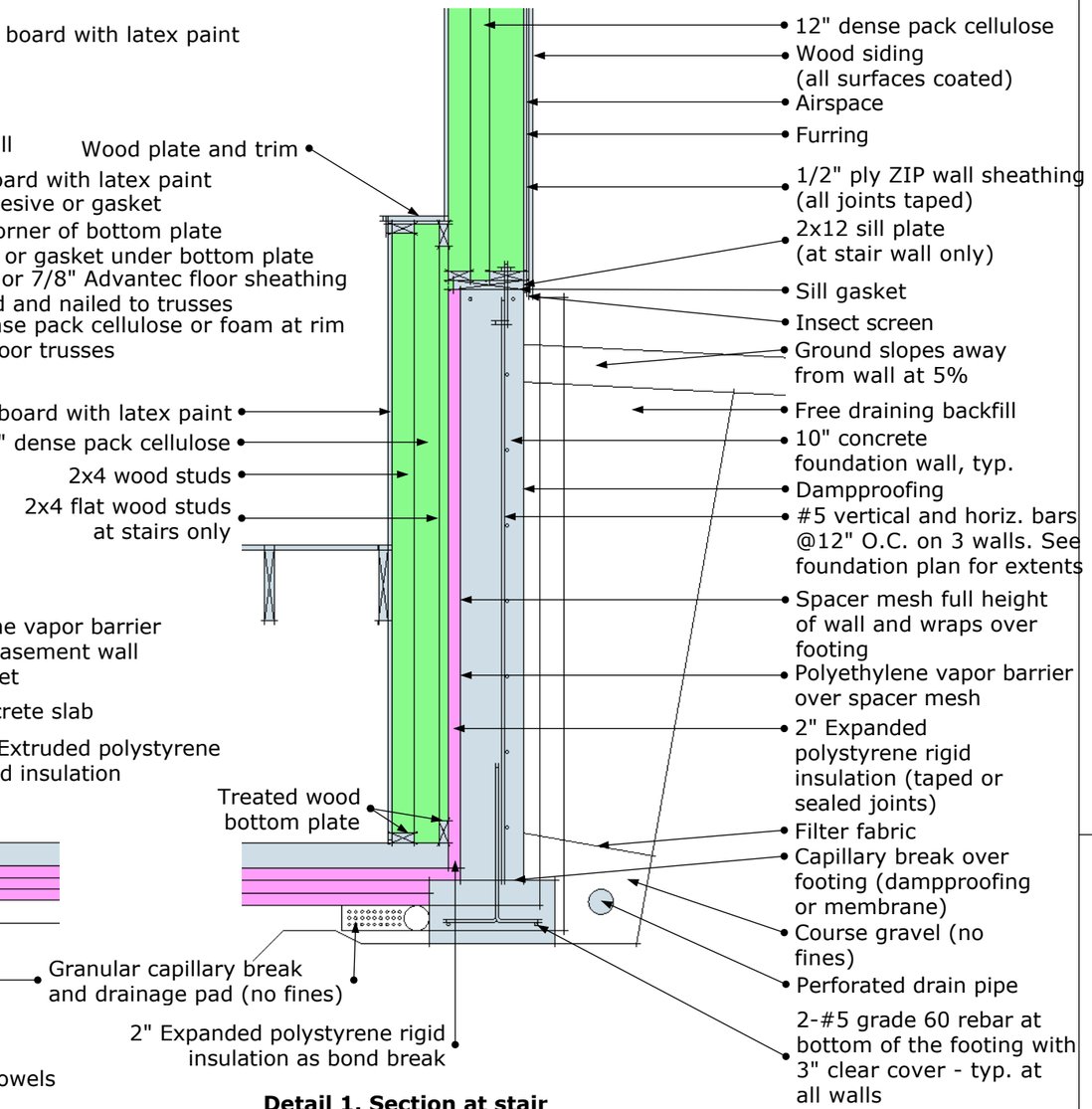
Detail 5. Section at ceiling/roof



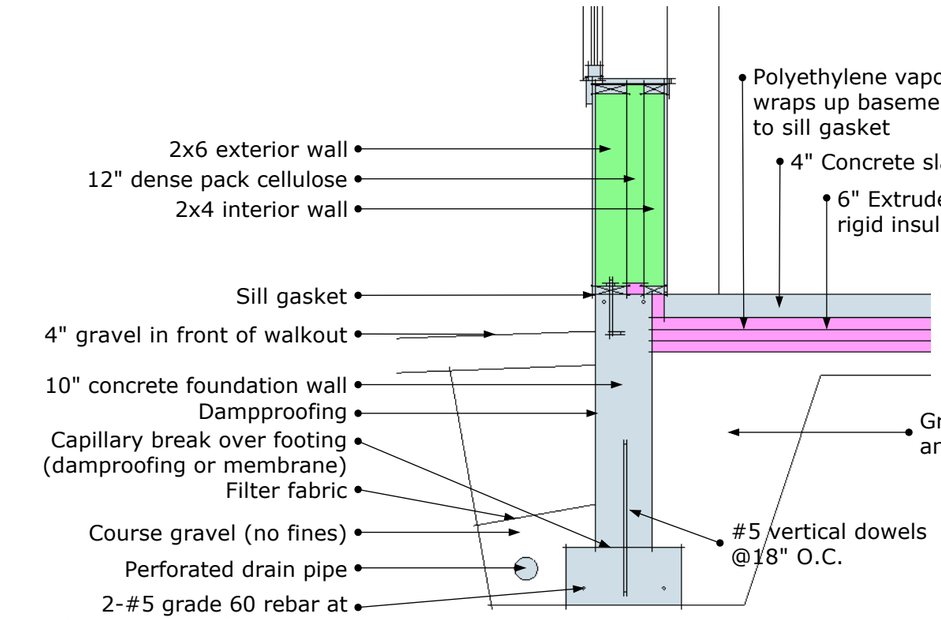
Detail 4. Section at second floor



Detail 3. Section at first floor



Detail 1. Section at stair



Detail 2. Section at stepped footing

Up Hill House

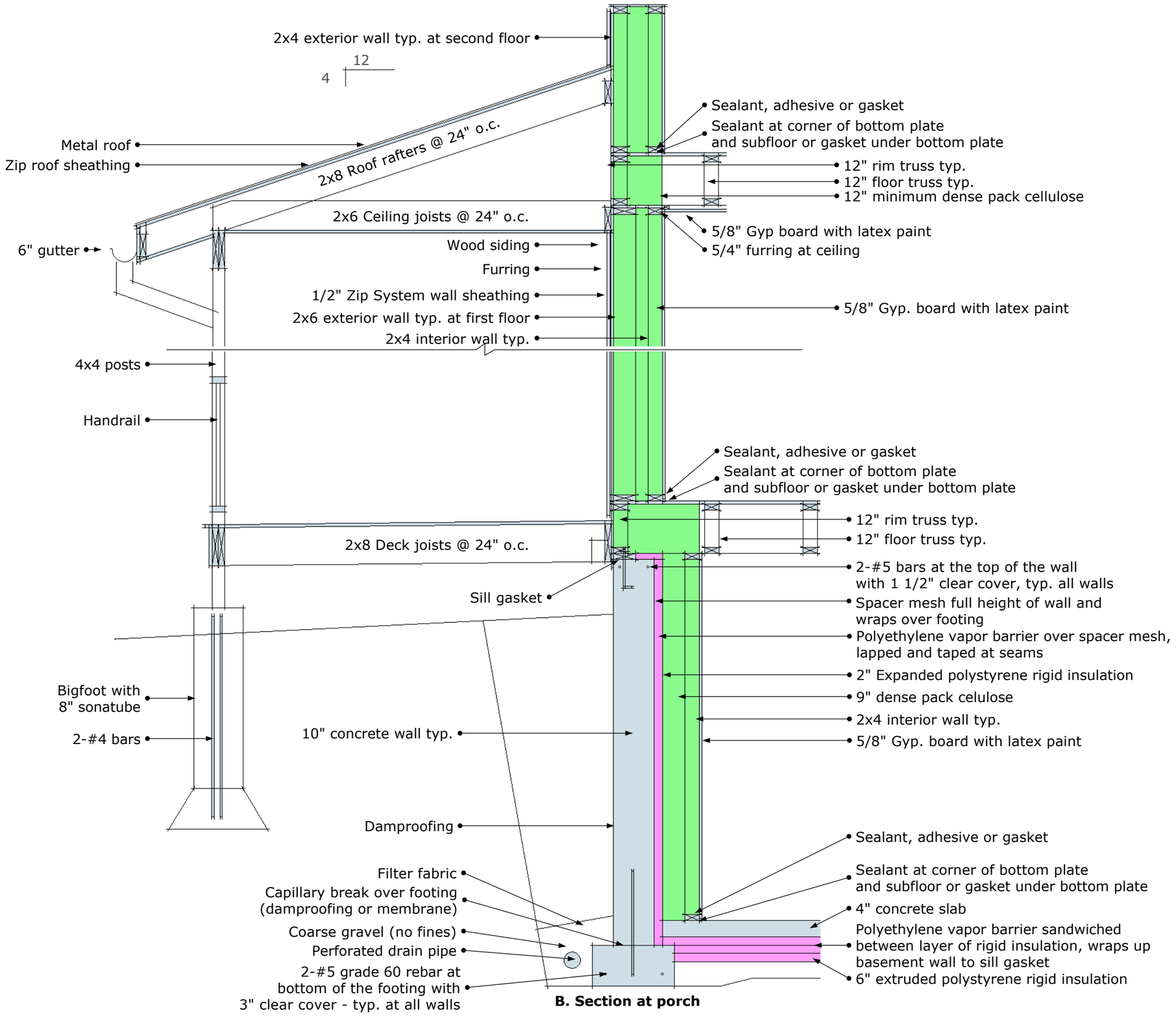
Cambridge, New York

Title: Wall Section Details

Scale: 1/2" = 1'-0"

Date: 07-July-2010

A-7



B. Section at porch

Up Hill House

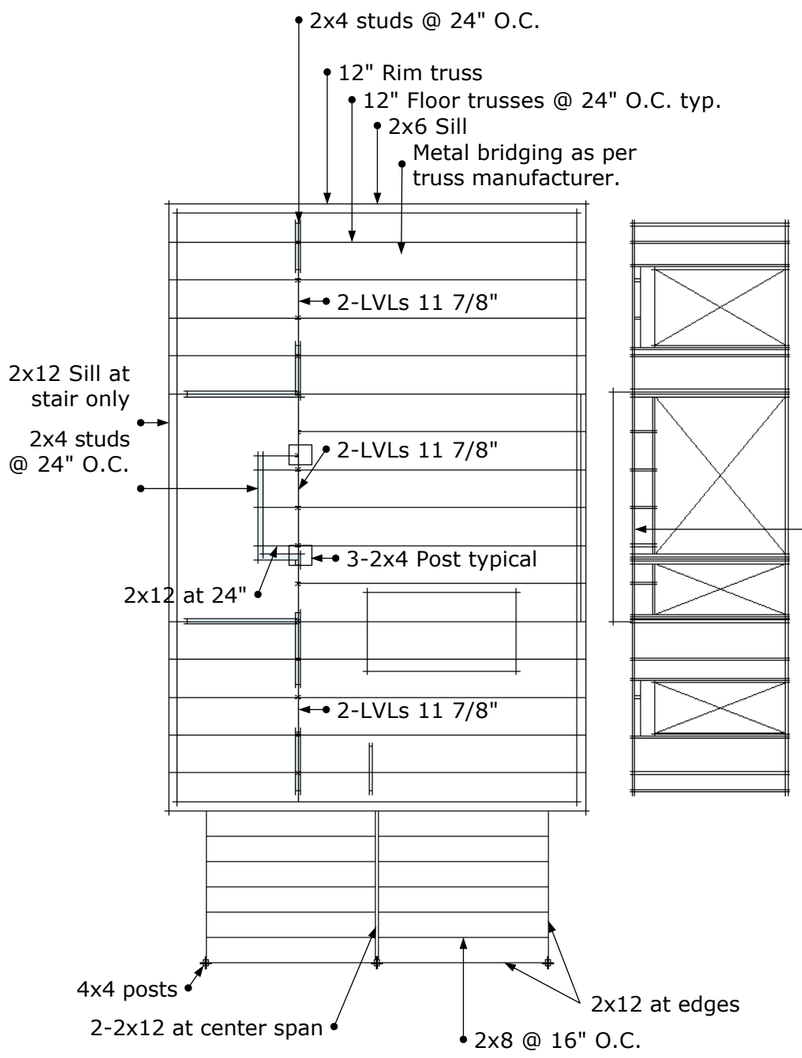
Cambridge, New York

Title:
Details

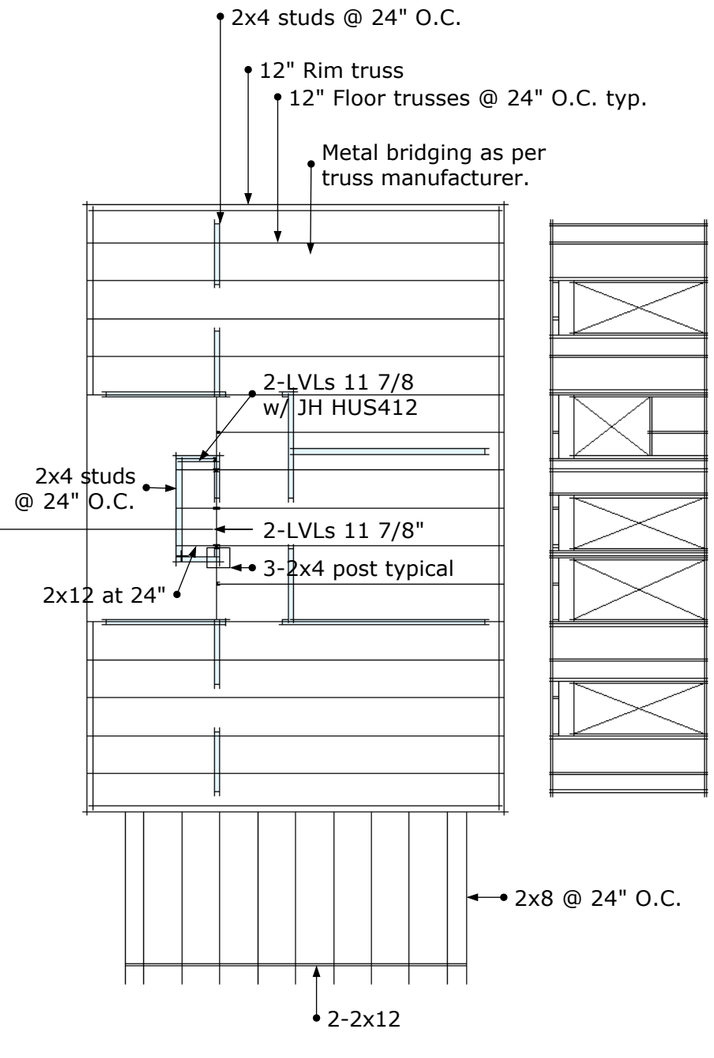
Scale:
1/2" = 1'-0"

Date:
07-July-2010

A-8

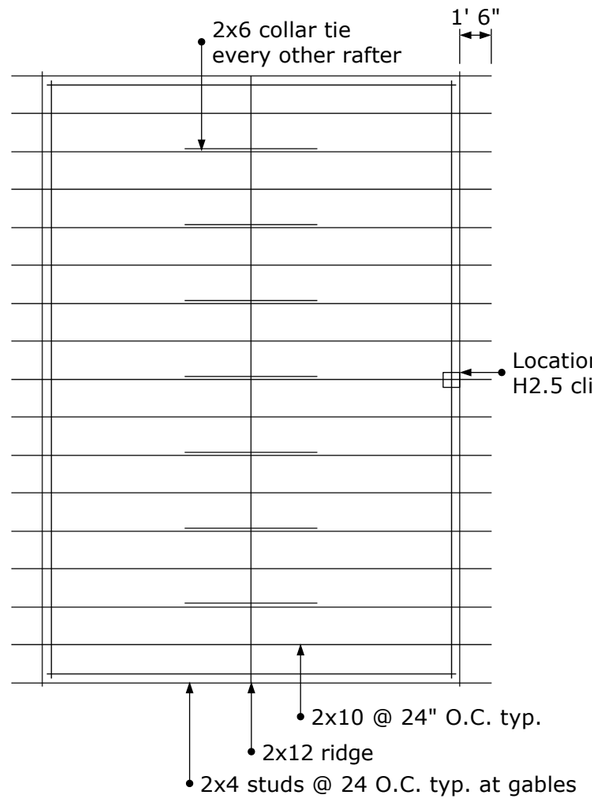


First Floor Framing Plan



1st Floor Interior Load Bearing Wall

Second Floor Framing Plan



2nd Floor Interior Load Bearing Wall

Roof Framing Plan

Note: Shaded walls shown to indicate location of walls above framing.

Live Loads
1st floor 40 PSF
2nd floor 30 PSF
Attic 15 PSF Avg.

Snow Loads
50 PSF Ground
12/12 pitch - snow load 30 PSF

Floor Framing Notes
1) All floor joists to be 2x12SPF#2 or LPI32x11 7/8" I Joists or 11 7/8" Open Floor Trusses @ 24" O.C. with 3/4" or 7/8" CDX STC I-Advantec Floor Sheathing glued and nailed to joists.
2) All posts to be 3-2x4 multiple stud posts in wall and 5 1/4"x5 1/4" Paralam or Versalam or 4" Lally steel free standing posts.
3) 2x4 stud at 24" interior bearing walls
4) All beams noted as "PSL" must be Paralams of width in multiples of 1 3/4".
5) All beams noted as "LVL" must be Gang-Lams of width in multiples of 1 3/4".

Floor Framing Notes (continued)
6) All headers at load bearing walls must have 2 jack studs and one king stud at each end.
7) All headers under 5' span to be 2-2x10 at interior bearing partitions.
8) All headers under 5' span to be 3-2x12+2-1/2" thick CDX ply at exterior bearing walls.
9) All headers under 8' span to be 5 1/4" x 9 1/4" PSL at exterior bearing walls.
10) Trusses to be used at rim.
11) All deck joists to be 2x8 SYP #1 Pressure treated at 16" spacing.

Roof Framing Notes
1) All roof rafters to be SPF#2 2x10 @ 24" O.C.
2) Provide H1 or H2.5 or LS50 anchors at all rafters.
3) Provide 5/8" CDX Fir Ply, OSB or ZIP Ply 32/16 rating STC II at roof.
4) Provide joist hangers at all beam connections per "Simpsons" specifications.
5) Provide metal connections at all post and beam connections, or provide 2 king studs, one on either side of the beam.

Up Hill House

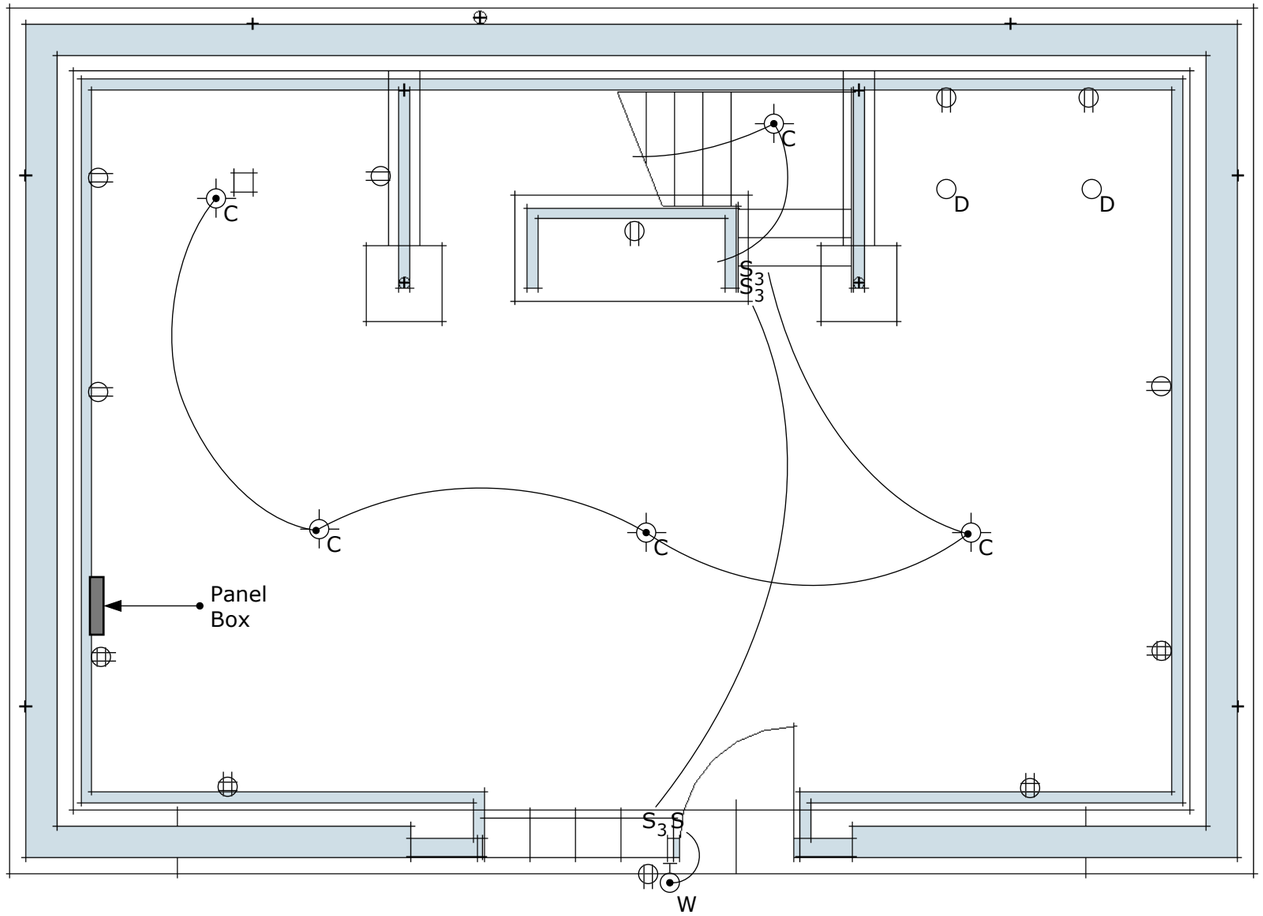
Cambridge, New York

Title:
Framing Plans

Scale:
1/8" = 1'-0"

Date:
07-July-2010

A-9



C Ceiling mounted light fixture

W Wall mounted light fixture

D Ceiling mounted drop chain light fixture

S Light switch

S_3 Light switch - 3 way

Double Outlext

Quadraplex Outlet

Up Hill House

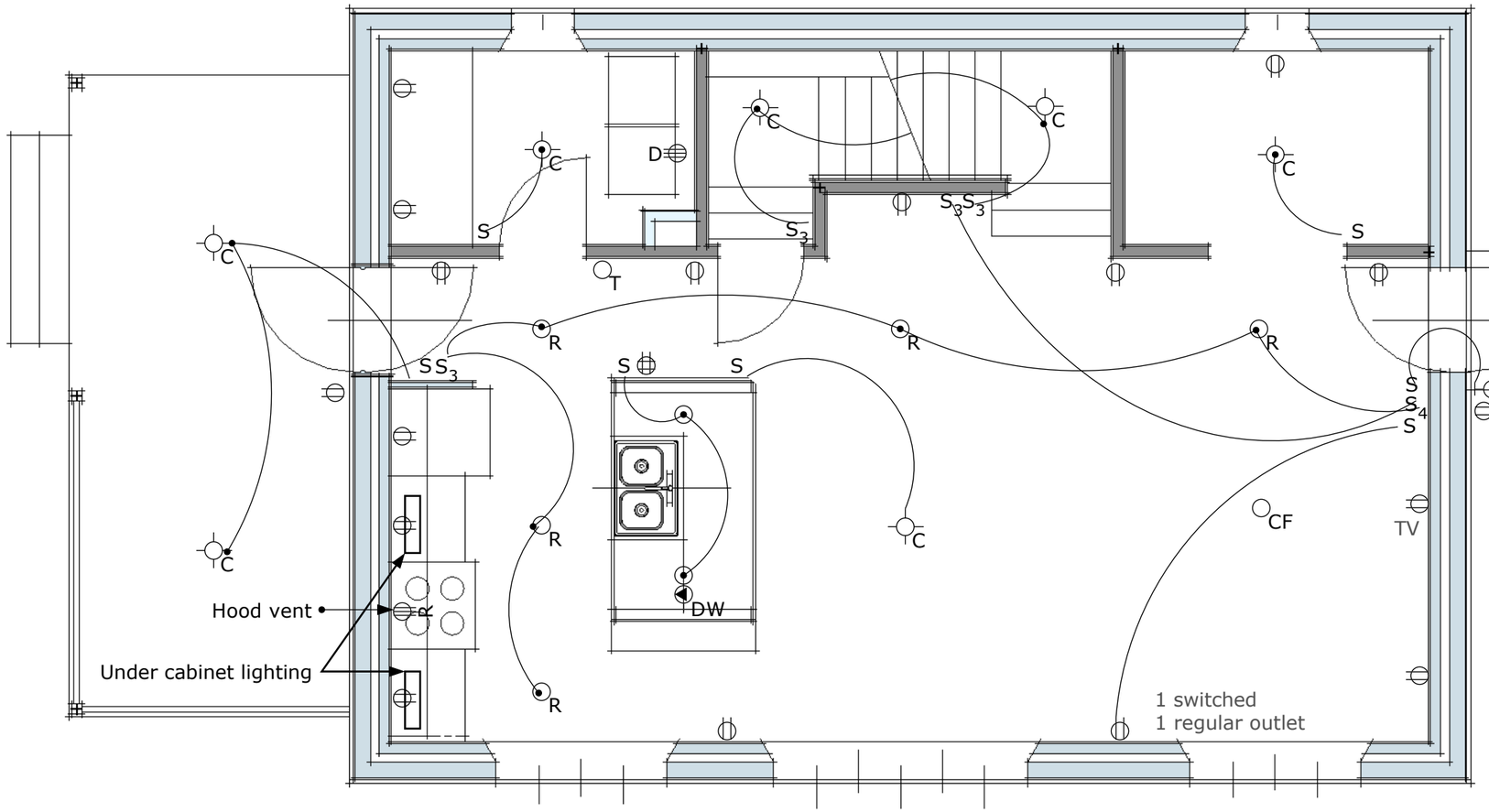
Cambridge, New York

Title: Basement Electrical Plan

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

Date: 07-July-2010

E-1



C Ceiling mounted light fixture

CF Ceiling fan with light fixture

CF Ceiling fan

W Wall mounted light fixture

R Ceiling mounted recessed light fixture

S Light switch

S_3 Light switch - 3 way

S_4 Light switch - 4 way

Double Outlext

Quadraplex Outlet

R Range Outlet

DW Dishwasher Outlet

D Dryer Outlet

T Thermostat

Up Hill House

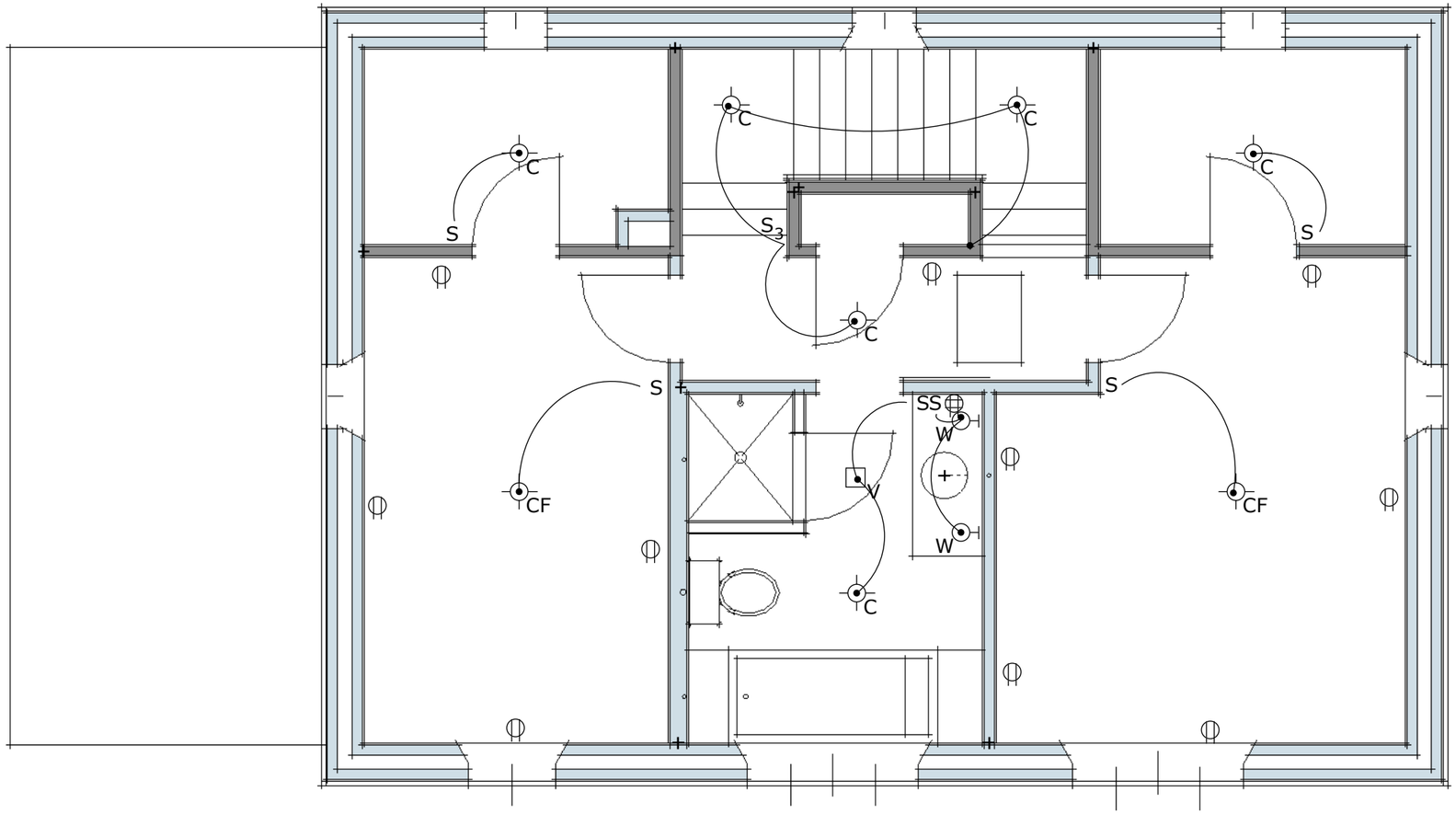
Cambridge, New York

Title: First Floor Electrical Plan

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

Date:
07-July-2010

E-2



- C — Ceiling mounted light fixture
- CF — Ceiling fan with light fixture
- CF — Ceiling fan
- W — Wall mounted light fixture
- R — Ceiling mounted recessed light fixture
- S — Light switch
- S_3 — Light switch - 3 way
- S_4 — Light switch - 4 way
- Double Outlext
- Quadraplex Outlet
- R — Range Outlet
- DW — Dishwasher Outlet
- D — Dryer Outlet
- T — Thermostat

Up Hill House

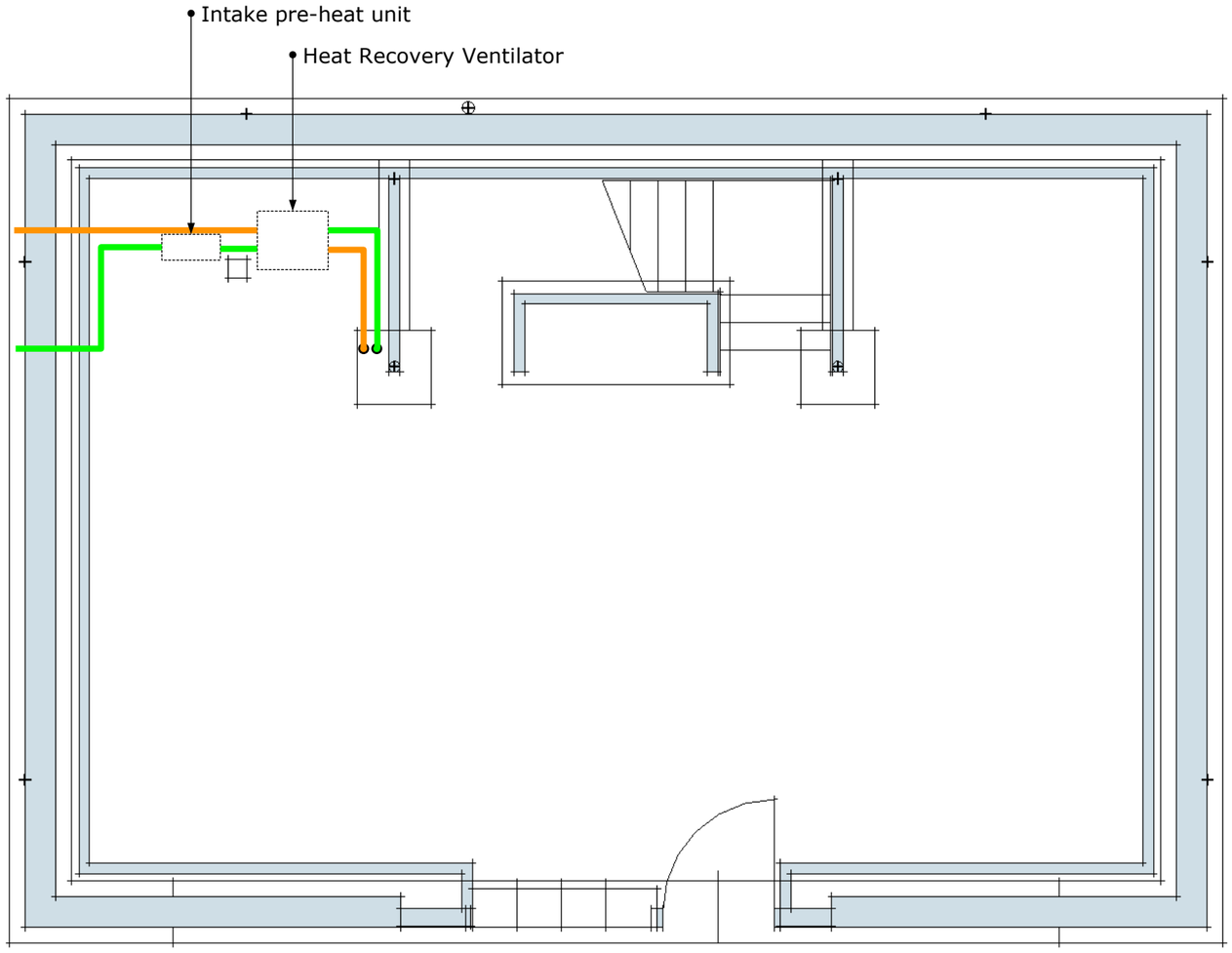
Cambridge, New York

Title: Second Floor Electrical Plan

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

Date:
07-July-2010

E-3



- Supply Duct
- Exhaust Duct
- Supply Riser
- Exhaust Riser
- Ceiling Supply Register
- Ceiling Supply Register (below)
- Wall Supply Register
- Ceiling Exhaust Register
- Ceiling Exhaust Register (below)
- Wall Exhaust Register

Up Hill House

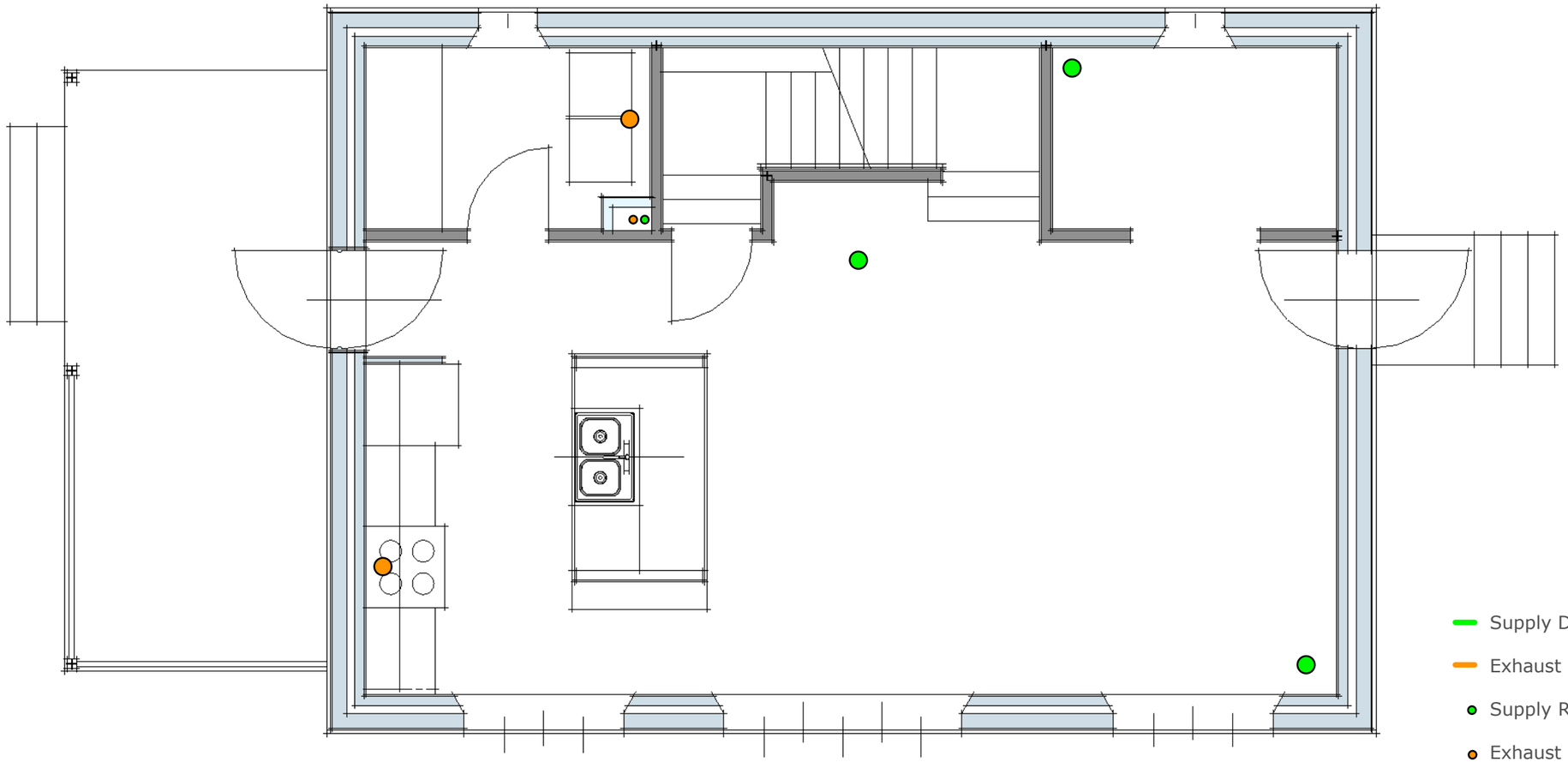
Cambridge, New York

Title: Basement Mechanical

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

Date:
07-July-2010

M-1



- Supply Duct
- Exhaust Duct
- Supply Riser
- Exhaust Riser
- Ceiling Supply Register
- Ceiling Supply Register (below)
- Wall Supply Register
- Ceiling Exhaust Register
- Ceiling Exhaust Register (below)
- Wall Exhaust Register

Up Hill House

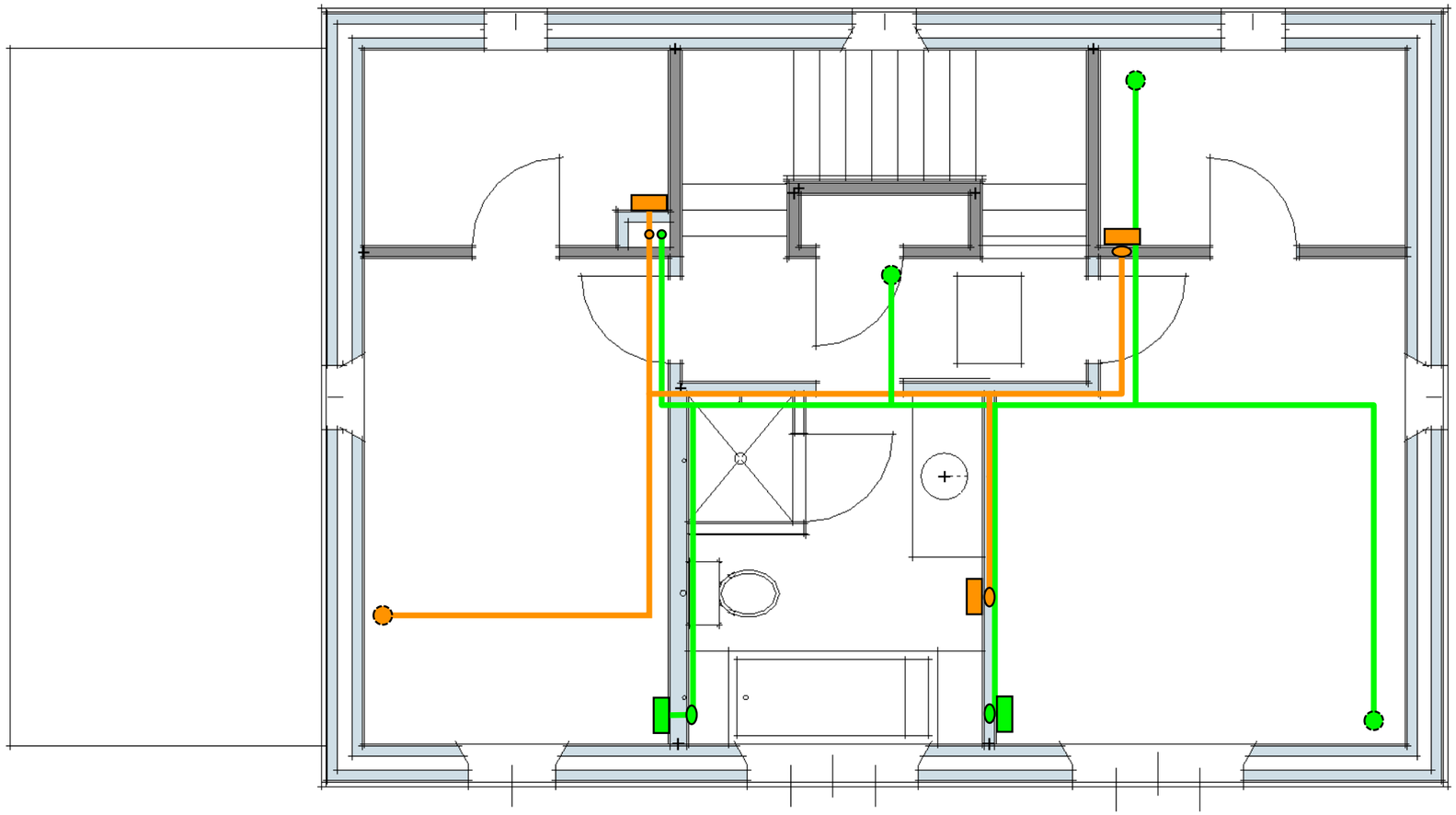
Cambridge, New York

Title: First Floor Mechanical

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

Date:
07-July-2010

M-2



- Supply Duct
- Exhaust Duct
- Supply Riser
- Exhaust Riser
- Ceiling Supply Register
- Ceiling Supply Register (below)
- Wall Supply Register
- Ceiling Exhaust Register
- Ceiling Exhaust Register (below)
- Wall Exhaust Register

Up Hill House

Cambridge, New York

Title: Second Floor Mechanical

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

Date: 07-July-2010

M-3