

3133 cherokee street

ST. LOUIS, MISSOURI 63118
HISTORIC MIXED USE RENOVATION

drawing list

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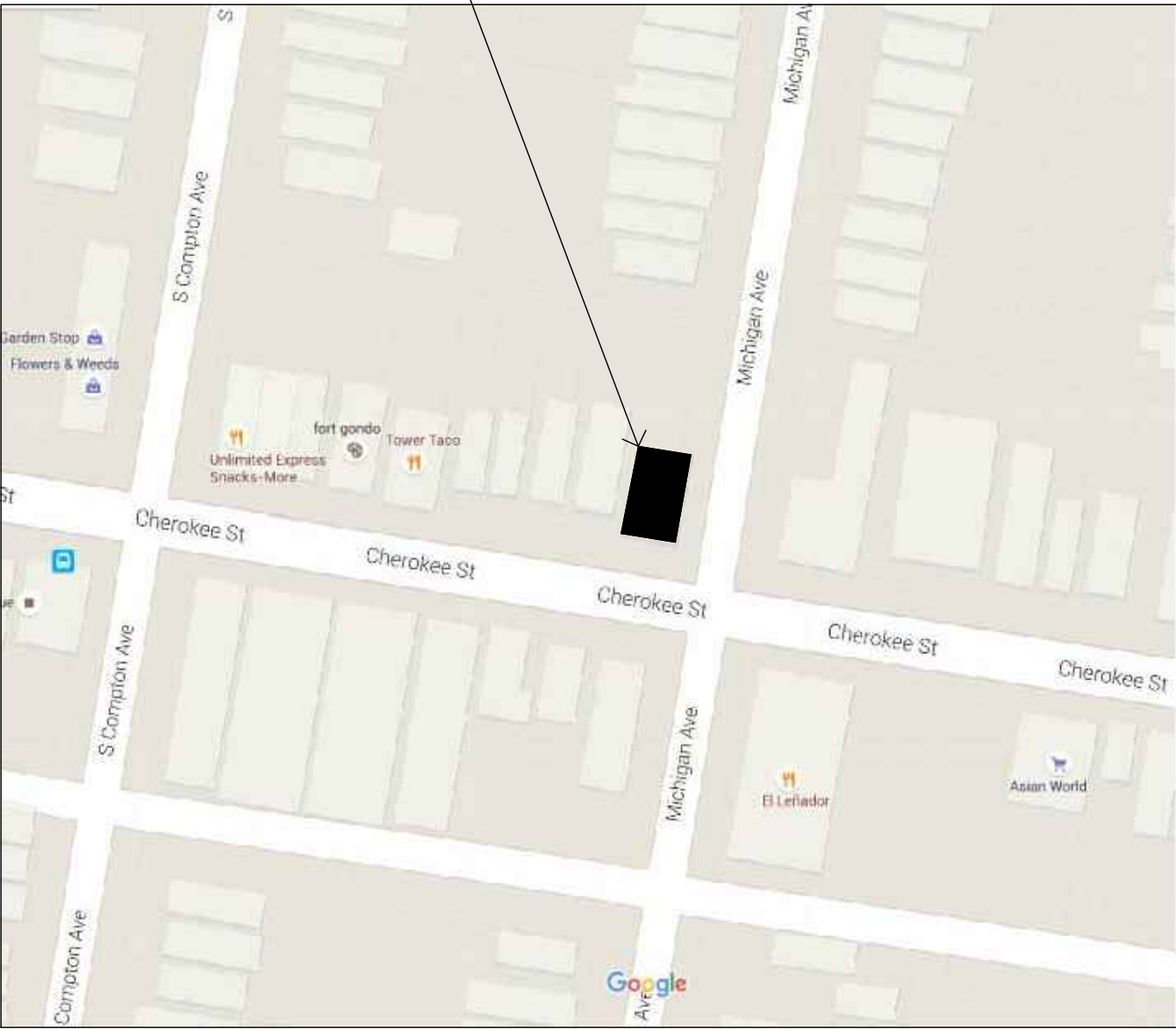
building data

<u>municipality:</u>	saint louis, missouri		
<u>building code:</u>	2009 international building code		
	2009 international existing building code		
	2009 international residential code		
	2009 inter. energy conservation code		
	2009 inter. property maintenance code		
	2009 international fire code		
	2009 uniform plumbing code		
	2009 international mechanical code		
	2009 international fuel gas code		
	2011 national electrical code		
	2009 inter. property maintenance code		
<u>use group classification:</u>			
use group:	a2, r2		
square footage existing:	a2 gross	1307 sf	
	a2 net	691 sf	
	r2 net (4 units)	6753 sf	
occupant load:	1 person/ 15 net sf46 people		
	posted occupant limit = <u>46 people</u>		
<u>construction classification:</u>	type iiib (11,500 sf max.)		
<u>fire wall separations:</u>	1 hour rated wall/ceiling (r2 to r2)		
<u>fire suppression:</u>	none		

zoning data

zoning classification:	D multi-family dwelling district
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project location



1 vicinity map

not to scale



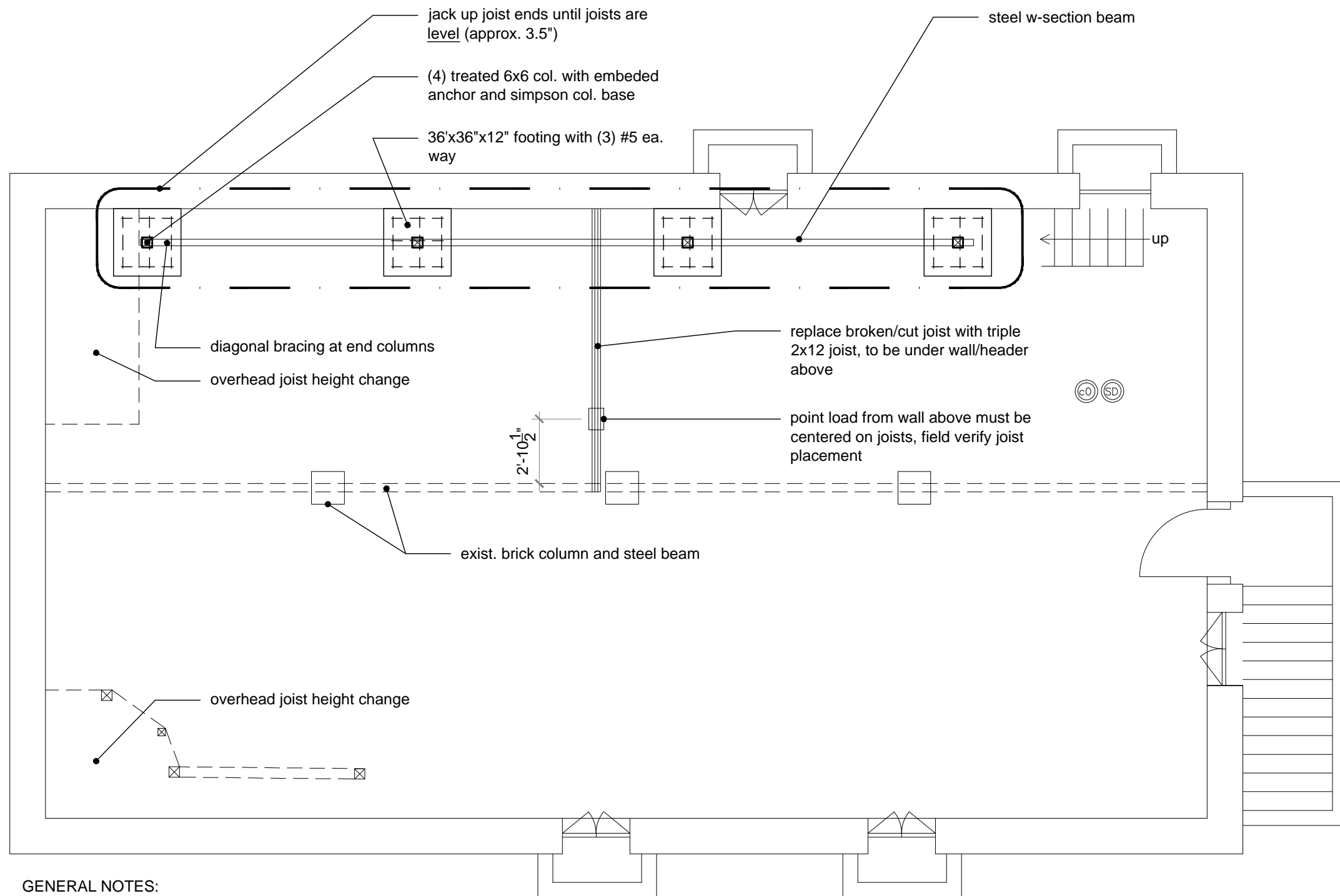
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Michigan Mansion
3133 Cherokee Street, St. Louis, MO 63112

ISSUED:
April 27, 2016
REVISED:

cover sheet

a1



GENERAL NOTES:

1. all wall and ceiling surfaces to be cleaned and painted
2. all trim to be cleaned and painted.
3. all plaster damage to be patched to match adjacent finish, paint to match
4. all original wood flooring to be refinished with clear oil based polyurethane. patch as required with matching wood.
5. key door per owners request.
6. cementious tile backer board shall be installed behind all tile in shower/tubs.
7. smoke detectors shall be located acording to governing code.

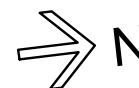
8. all king and jack studs to bear, full width, on solid blocking, joists or masonry, at top and bottom.
9. all wood bearing on masonry shall be preservative treated.
10. all joist intersections to have appropriate joist hangers.
11. vent all bath fans to exterior, appropriate cfm per volume.
12. provide cross bracing or solid blocking between all floor/ceiling joist midpoints.
13. interior studs to be 2x4's with a max height or 10' to bracing, 2x6 if spanning greater than 10'.
14. all gypsum bd. to be $\frac{5}{8}$ " unless noted otherwise. attic ceiling only to be $\frac{1}{2}$ ".

15. approved water resistant gypsum backer board is req'd on all walls where water is present.
16. smoke detectors shall be ac powered w/ bat. backup.
17. electrical, mechanical and plumbing to be design build to meet applicable codes.
18. clean, sand and refinish all wood work and wood doors.
19. tile in showers shall go to 6'-0" above finished floor.
20. if any dimensions differ from plan, notify architect.
21. clean all exposed brick with muriatic acid, seal with (2) coats of oil based poly, matte.
22. provide 2x6 blocking for all wall mounted appliances, equipment, fixtures, accessories, cabinets, etc.

1

basement floor plan

scale: 3/16" = 1'-0"



symbols legend

- door: 32" = 32" wide, height to match existing adjacent, match = match door to exist. frame
- smoke detector, carbon monoxide detector, hard wired, interconnected w/ batt. backup

- existing wall
- new wall, 2x4 studs with $\frac{5}{8}$ " gyp. bd. ea. side

UL listed fire rated wall assemblies

- 1 layer $\frac{5}{8}$ " type X gyp. bd., ea. side
- 2x4 wood studs, 16" o.c.
- 1 hour wall U305

- 2x4 wood studs, 16" o.c.
- 2 layers $\frac{5}{8}$ " type X gyp. bd., ea. side
- 2 hour wall U301

- 1-1/2" total wd floor/subfloor
- 2x10 min. wood joists, 16" o.c.
- 2 layers $\frac{5}{8}$ " type x gyp. bd. with stl. furring channel between
- 2 hour ceiling L505

wall types

- 1 layer $\frac{5}{8}$ " type X gyp. bd., each side of 2x4 wood studs @ 16" o.c.
- 1 layer $\frac{5}{8}$ " type X gyp. bd., on one side of 2x4 wood studs @ 16" o.c.
- 1 layer $\frac{5}{8}$ " gyp. bd., each side of 2x4 wood studs on face @ 16" o.c.
- 1 layer $\frac{5}{8}$ " gyp. bd., one side of 2x4 wood studs on face @ 16" o.c.
- 2 layers $\frac{5}{8}$ " type X gyp. bd., one side of 2x4 wood studs on face @ 16" o.c.
- exist. door, frame and trim

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0014

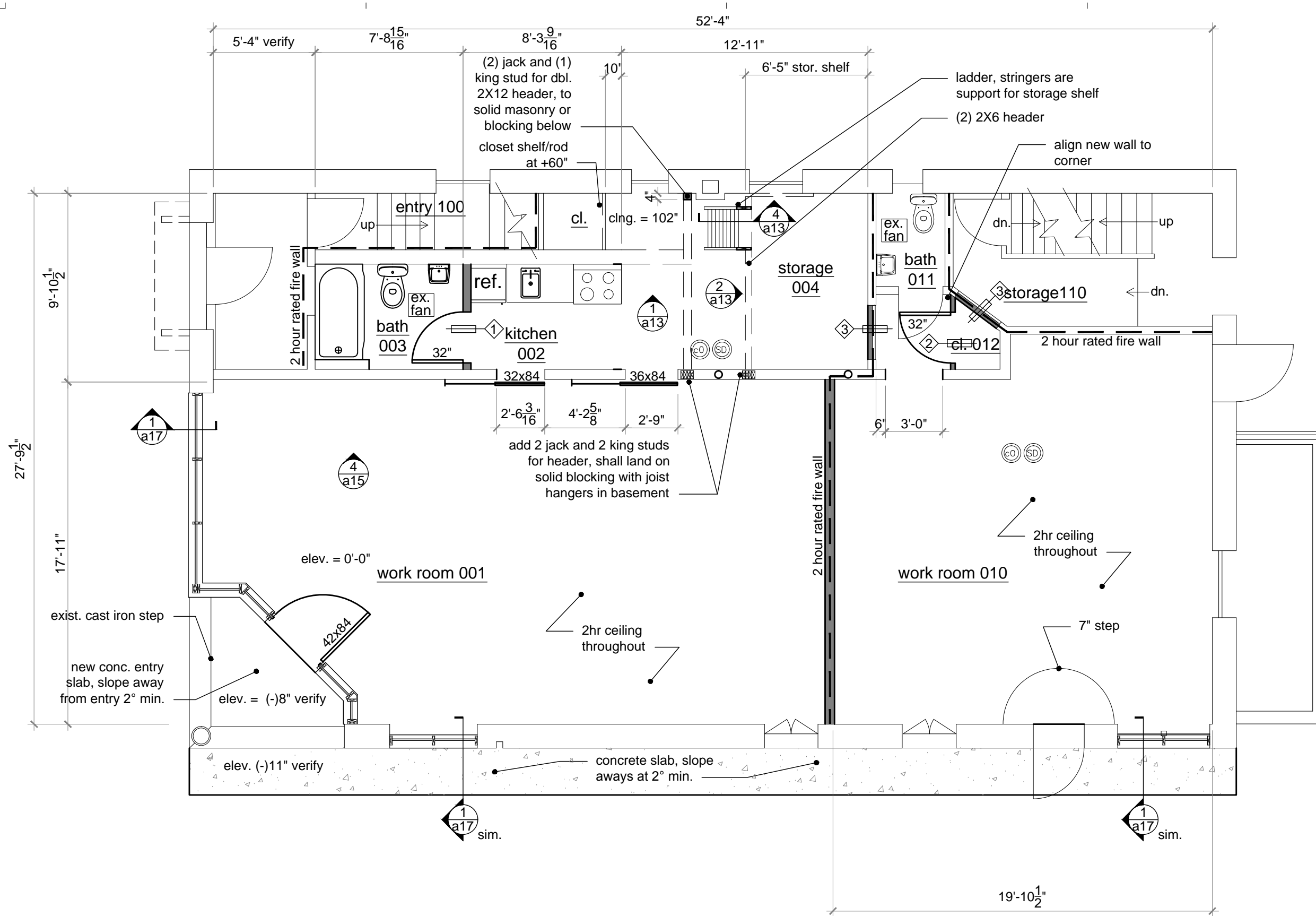
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basement floor
plan

a2



1 1st floor plan

scale: 3/16" = 1'-0"

➔ N

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0014

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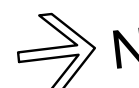
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1st floor plan

a3

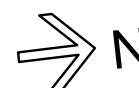
1 2nd floor plan

scale: $3/16'' = 1'-0''$



1 3rd floor plan

scale: $3/16'' = 1'-0''$



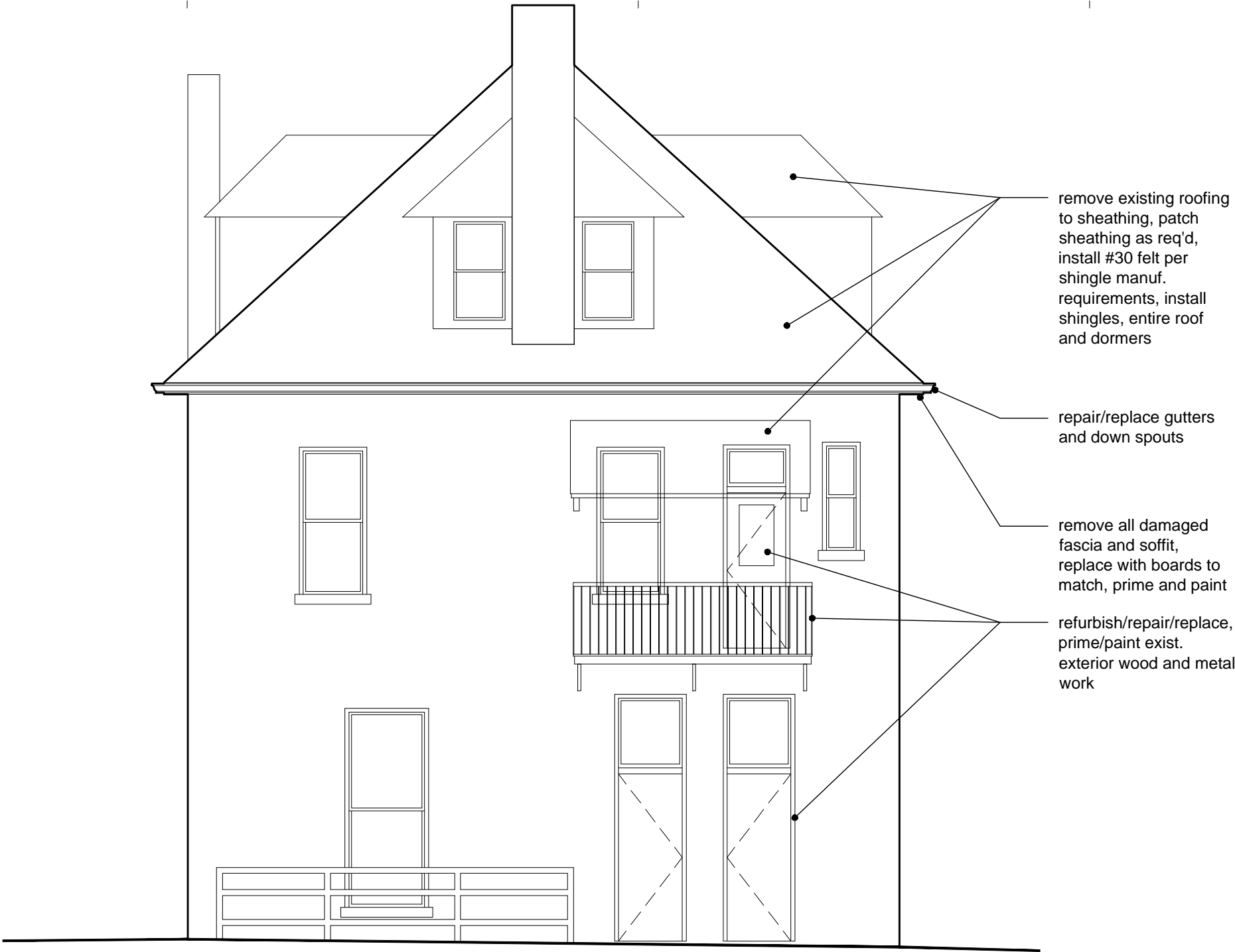
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north elevation

a6



1 north elevation

scale: 3/16" = 1'-0"

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east elevation

a7

remove existing roofing
to sheathing, patch
sheathing as req'd,
install #30 felt per
shingle manuf.
requirements, install
shingles, entire roof and
dormers

repair/replace gutters
and down spouts

remove all damaged
fascia and soffit,
replace with boards to
match, prime and paint

fir storefront

tempered glass in
entire store front

refurbish/prime/paint
exist. exterior wood
work

2'-1 1/2"

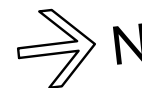
1'-7 1/2"

1'-7 1/2"

1

east elevation

scale: 3/16" = 1'-0"





1

south elevation

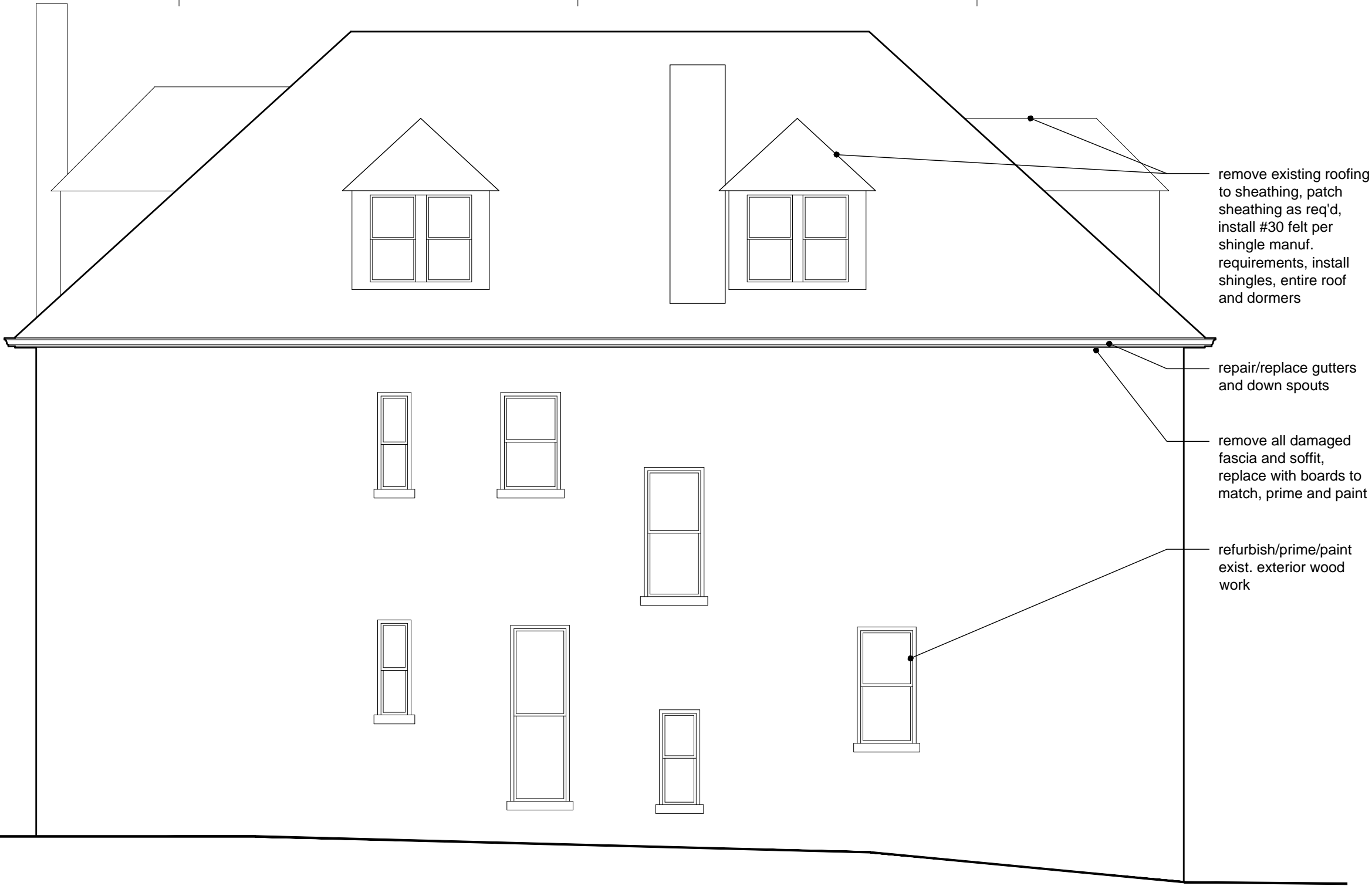
scale: 3/16" = 1'-0"

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west elevation

a9



1 west elevation

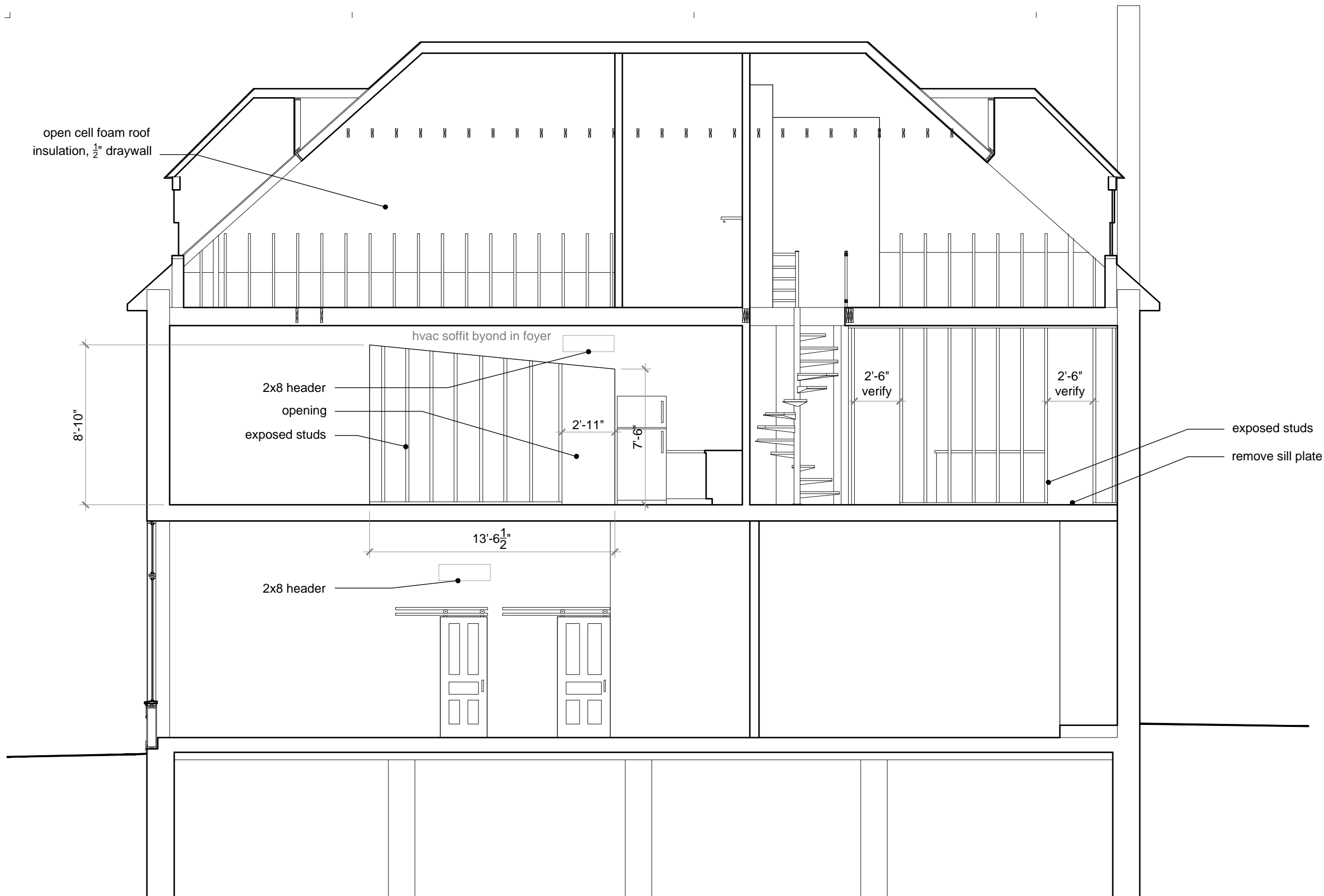
scale: 3/16" = 1'-0"

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building
section/interior
elevation

a10



1 building section/interior elevation
scale: 3/16" = 1'-0"

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building
section/interior
elevation

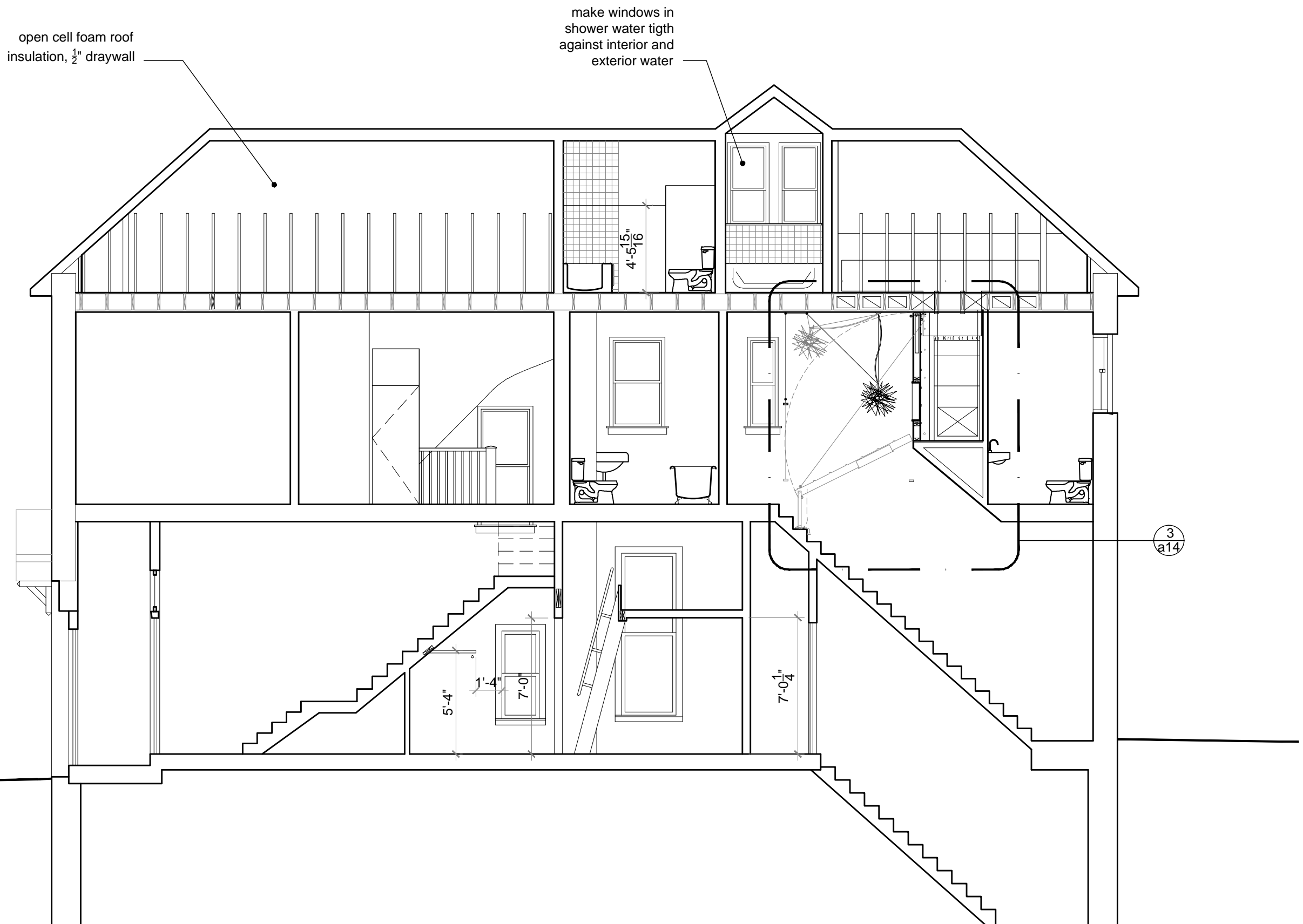
open cell foam roof
insulation, 1/2" drywall

open lath on far side of
studs

1 building section/interior elevation

scale: 3/16" = 1'-0"

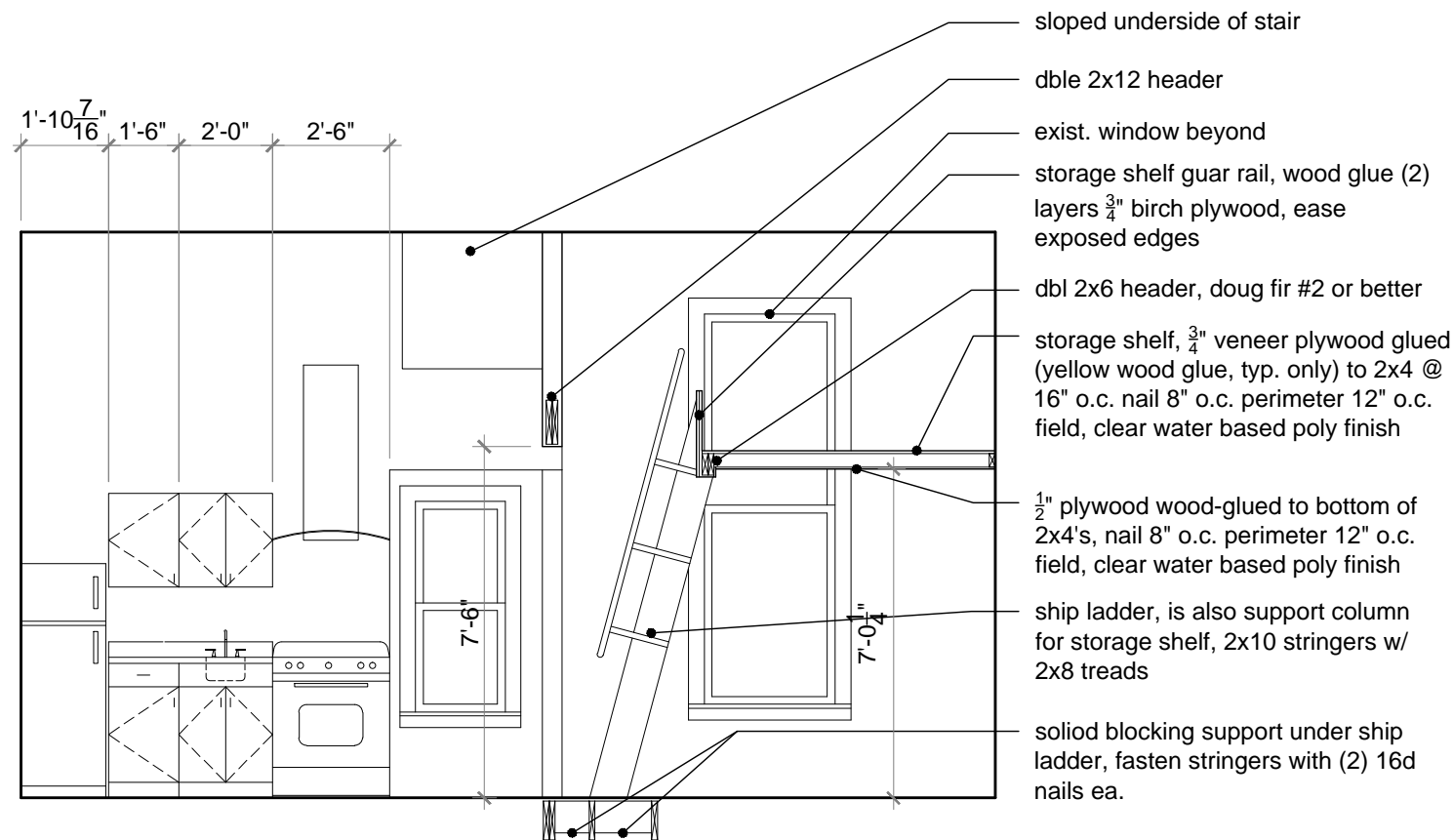
a11



1

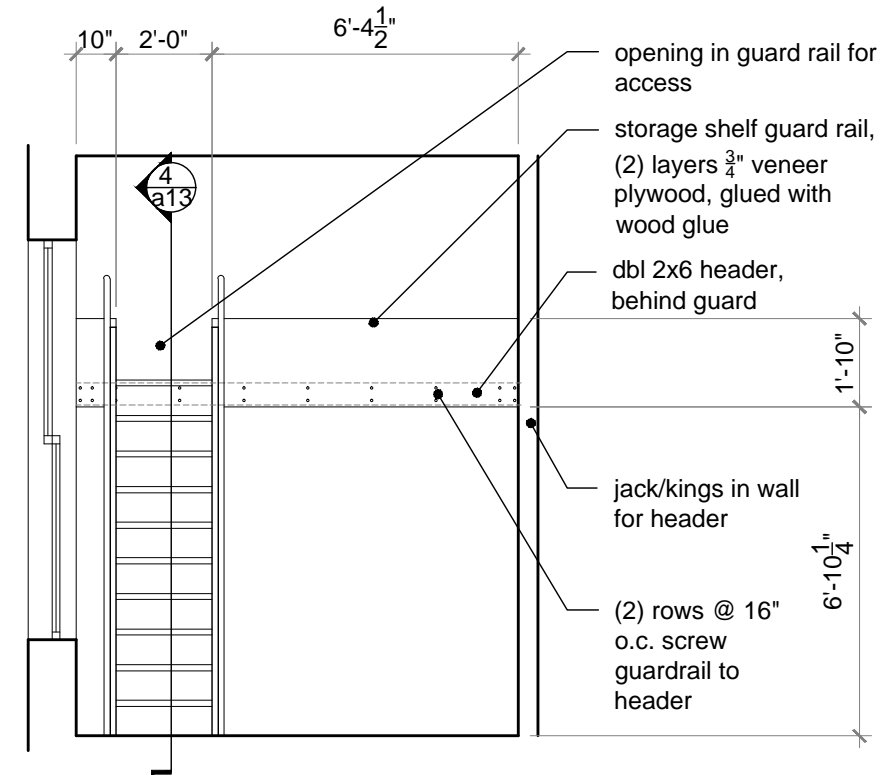
building section, existing stairs

scale: 3/16" = 1'-0"



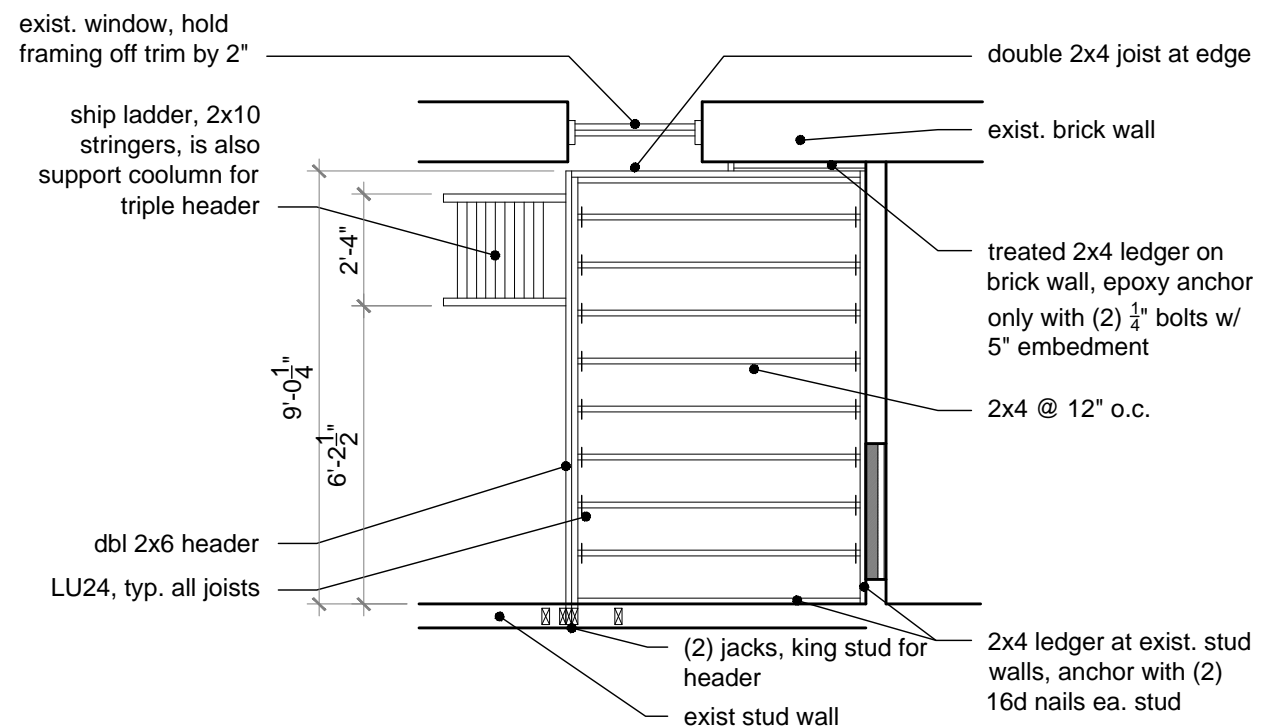
1 west elevation rm 002, 004

scale: ¹/₄" = 1'-0"



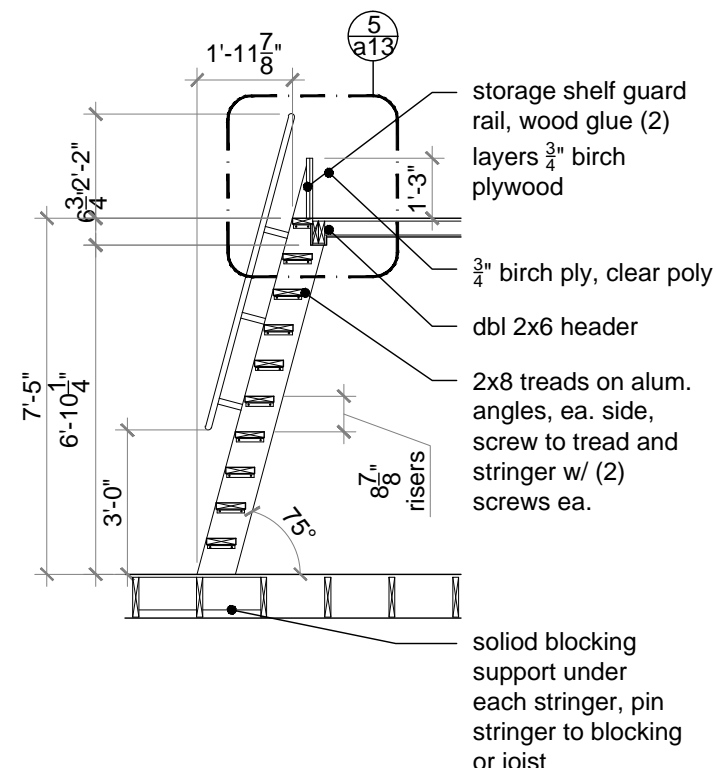
2 north elevation rm 004

scale: ¹/₄" = 1'-0"



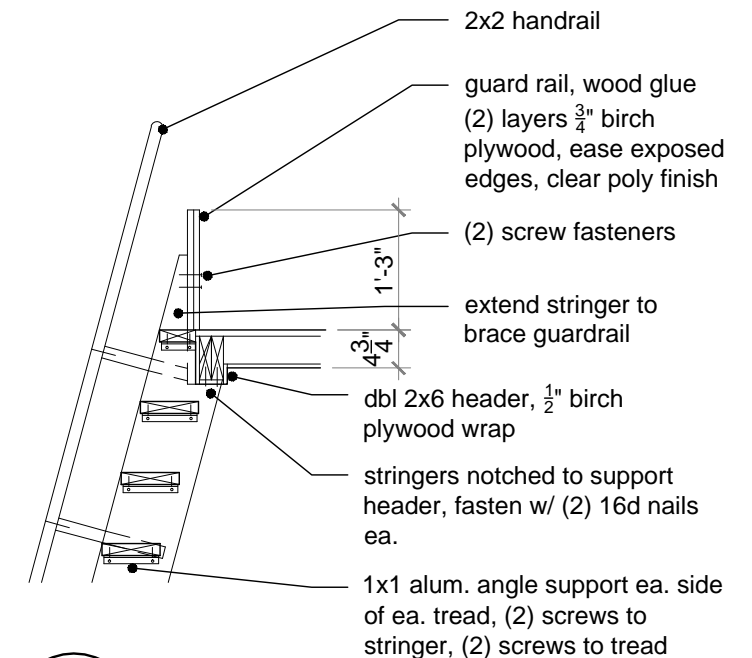
3 framing plan, storage shelf rm 004

scale: ¹/₄" = 1'-0"



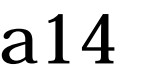
4 ladder section

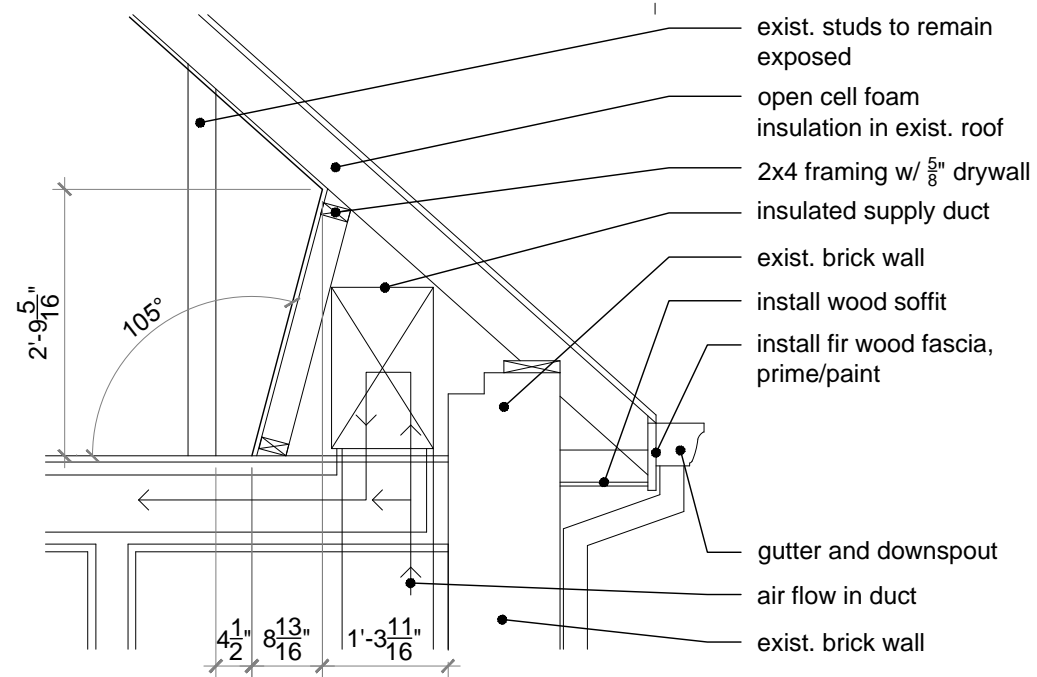
scale: ¹/₄" = 1'-0"



5 ship ladder detail

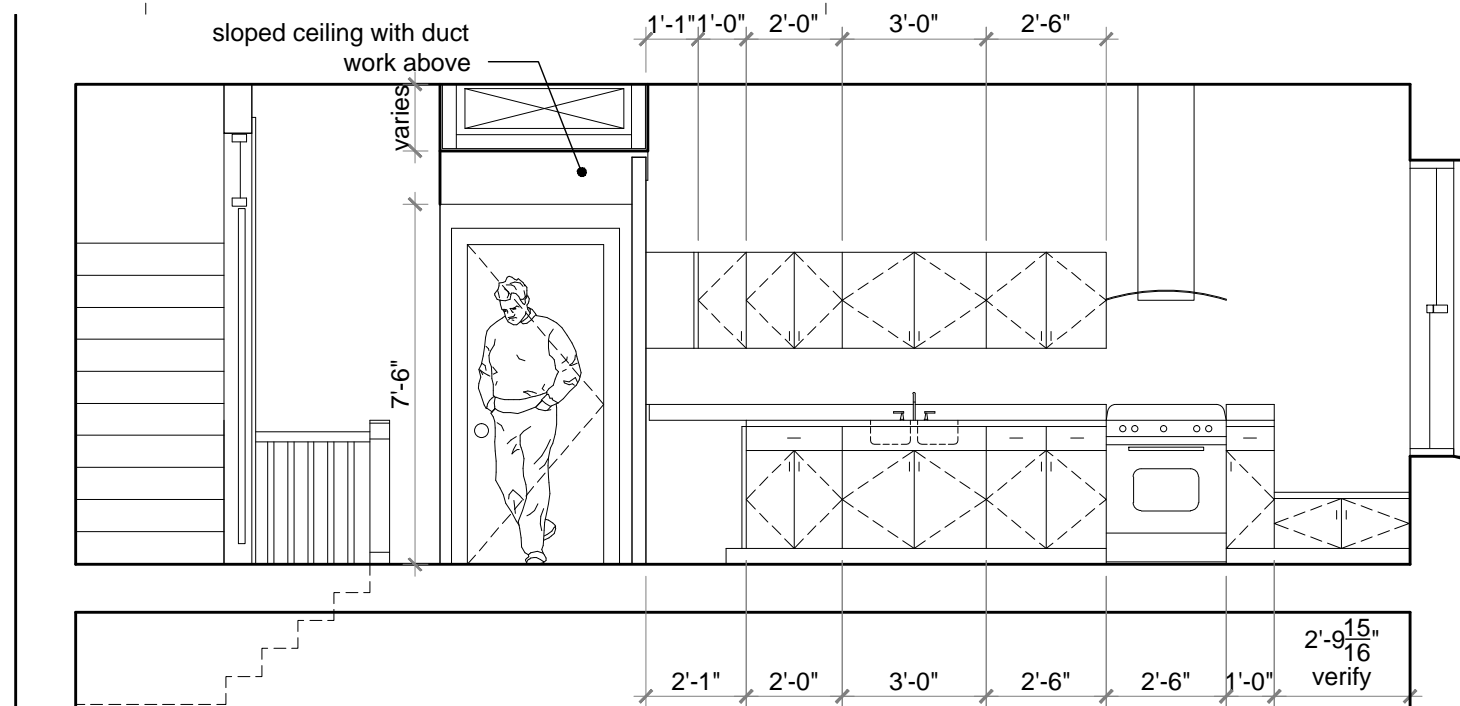
scale: ¹/₂" = 1'-0"





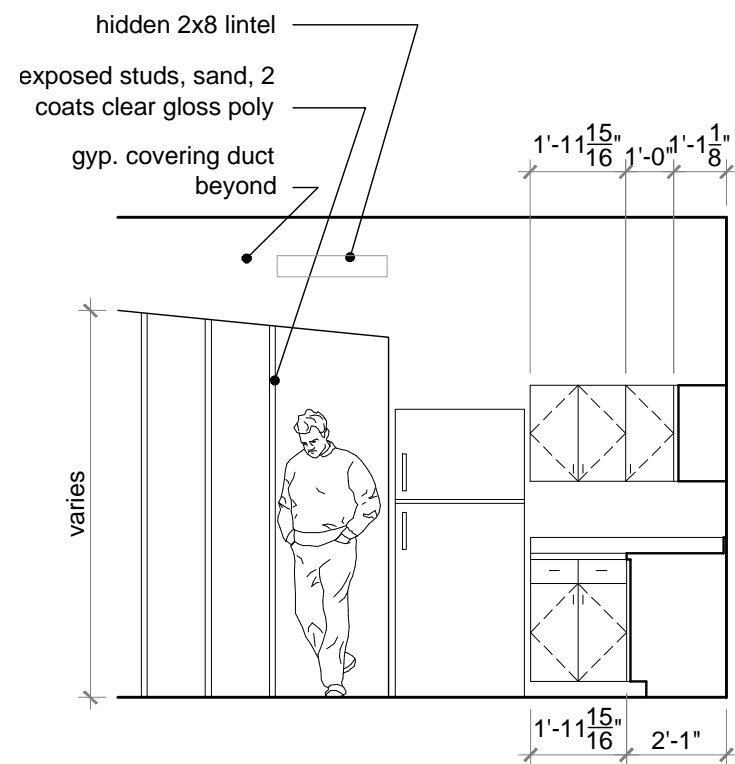
1 knee wall detail

scale: $\frac{1}{2}" = 1'-0"$



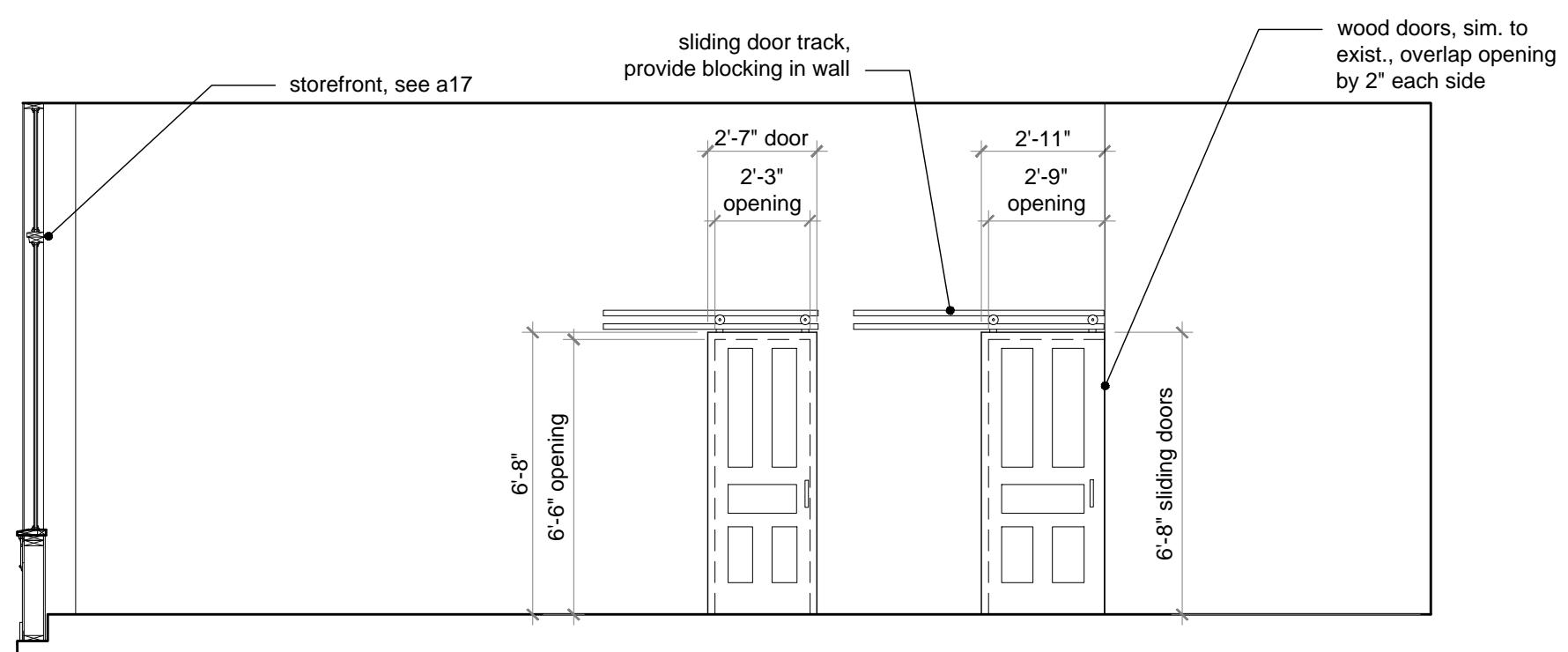
2 north elevation, kitchen 107

scale: $\frac{1}{4}" = 1'-0"$



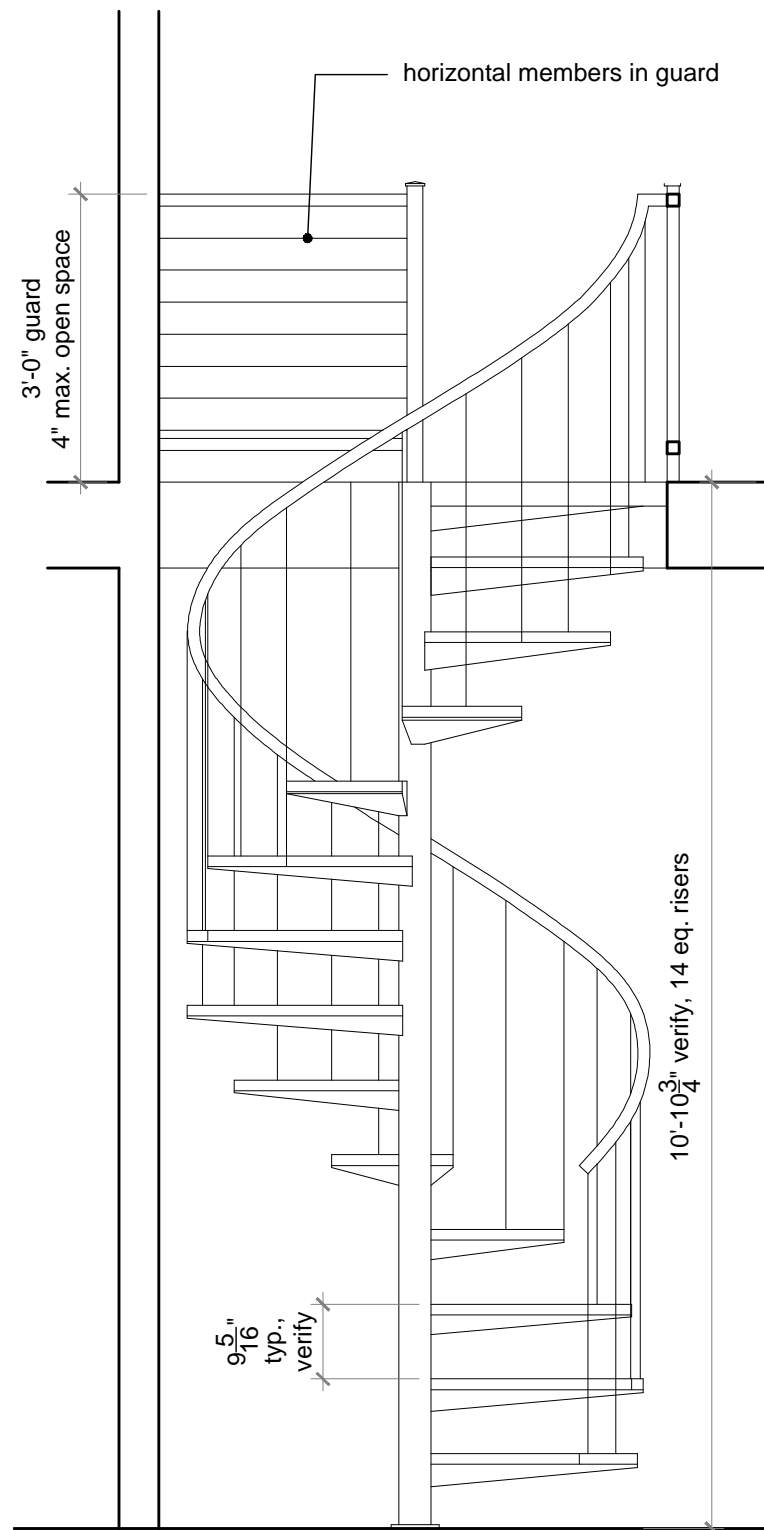
3 west elevation kitchen 107

scale: $\frac{1}{4}" = 1'-0"$

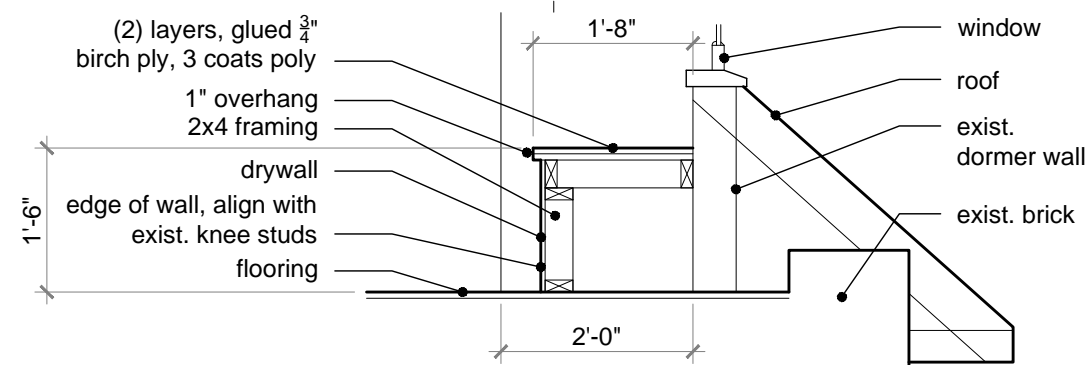


4 west elevation, room 001

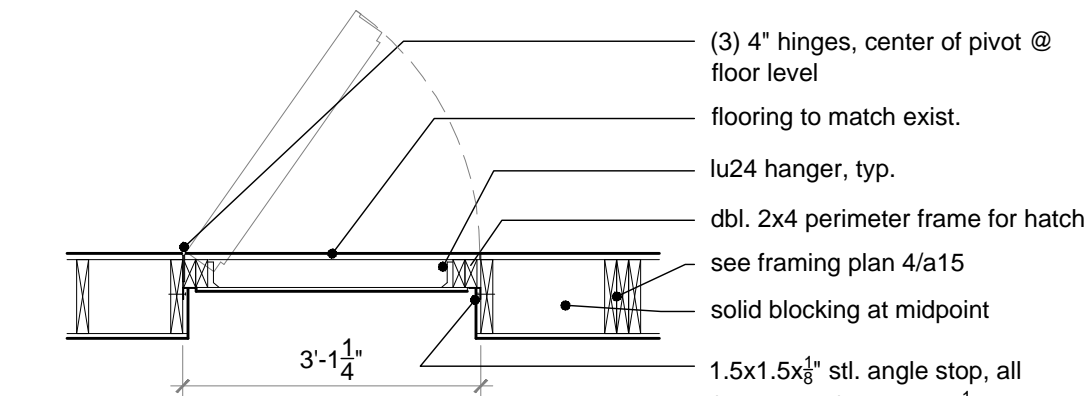
scale: $\frac{1}{4}" = 1'-0"$



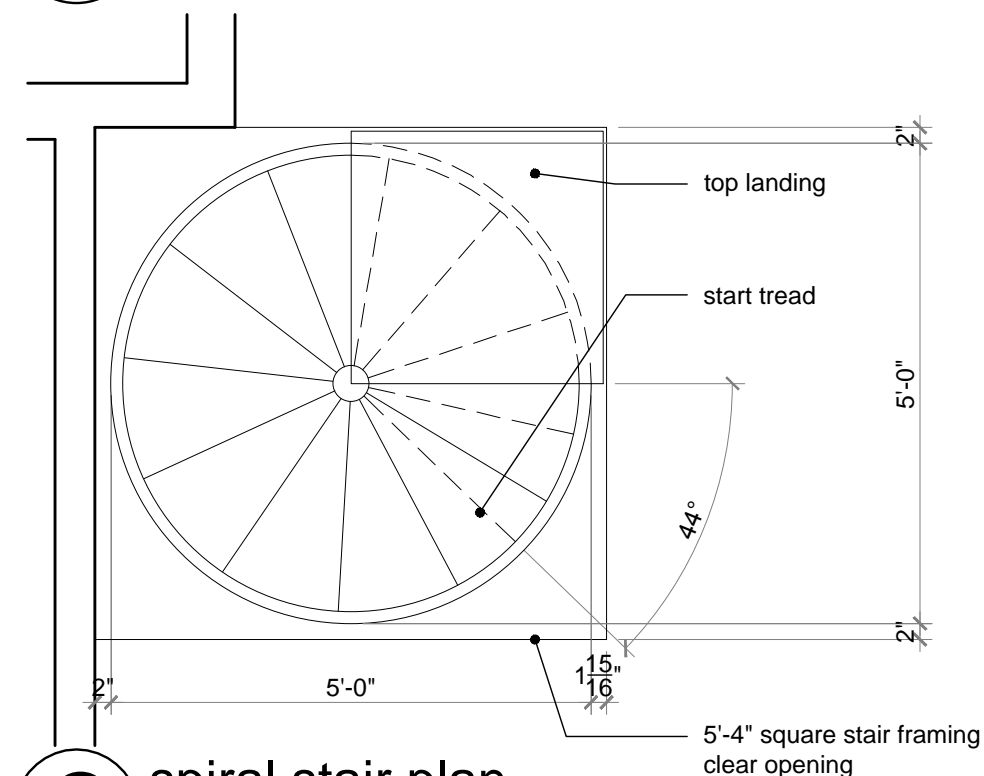
1 spiral stair elevation
scale: $\frac{1}{2}" = 1'-0"$



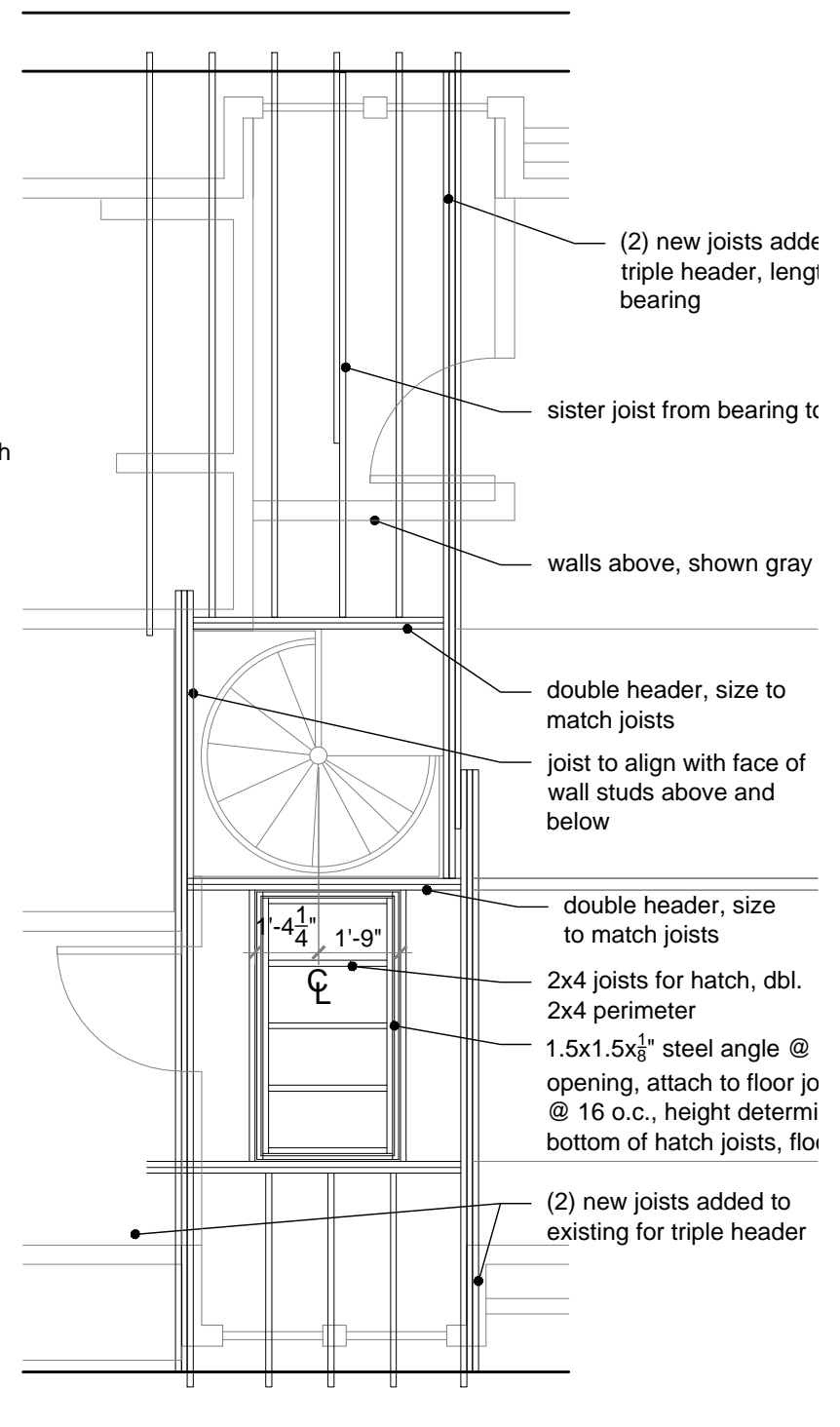
4 window seat
scale: $\frac{1}{2}" = 1'-0"$



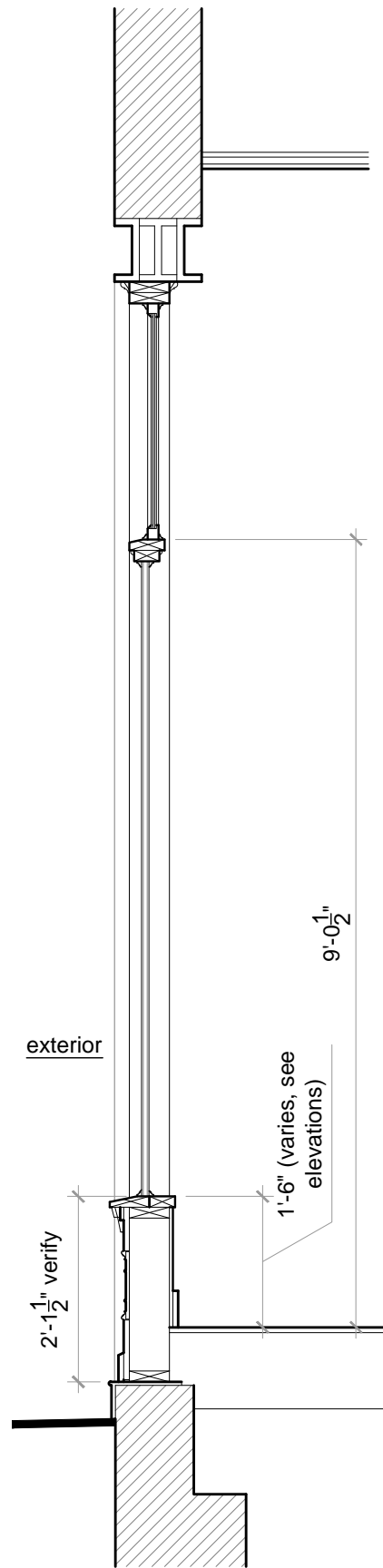
3 trap door floor hatch
scale: $\frac{1}{2}" = 1'-0"$



2 spiral stair plan
scale: $\frac{1}{2}" = 1'-0"$

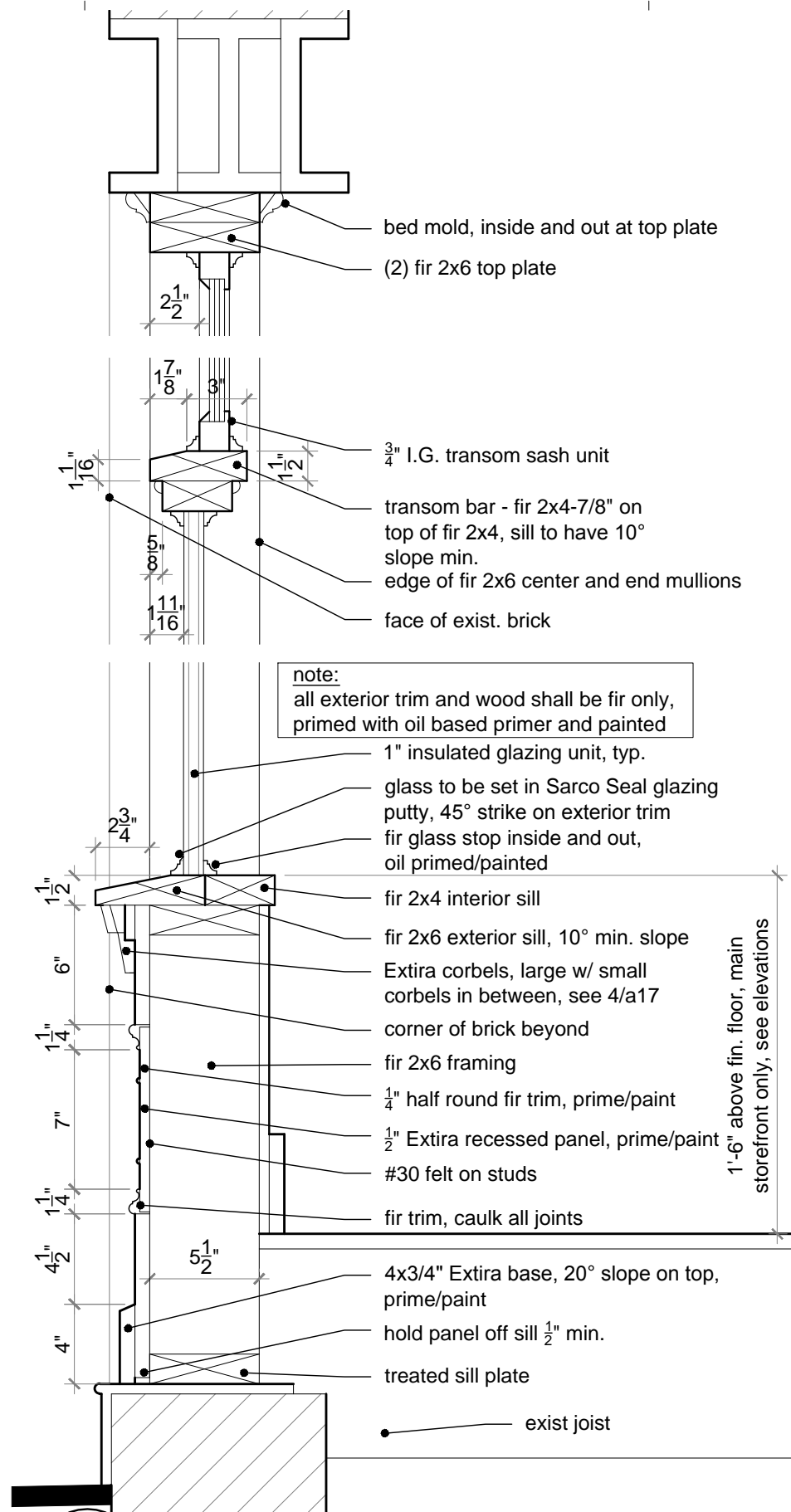


5 trap door/stair framing
scale: $\frac{1}{4}" = 1'-0"$



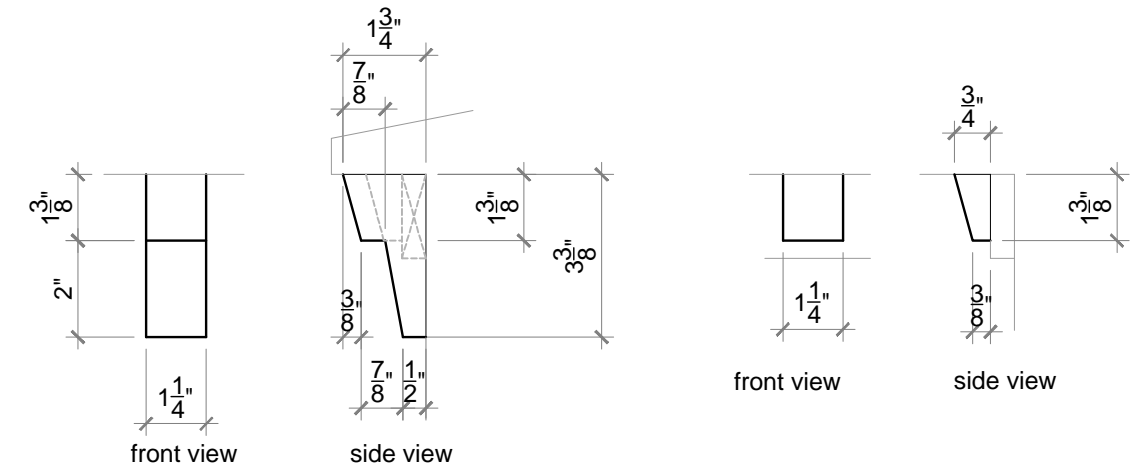
1 storefront section

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

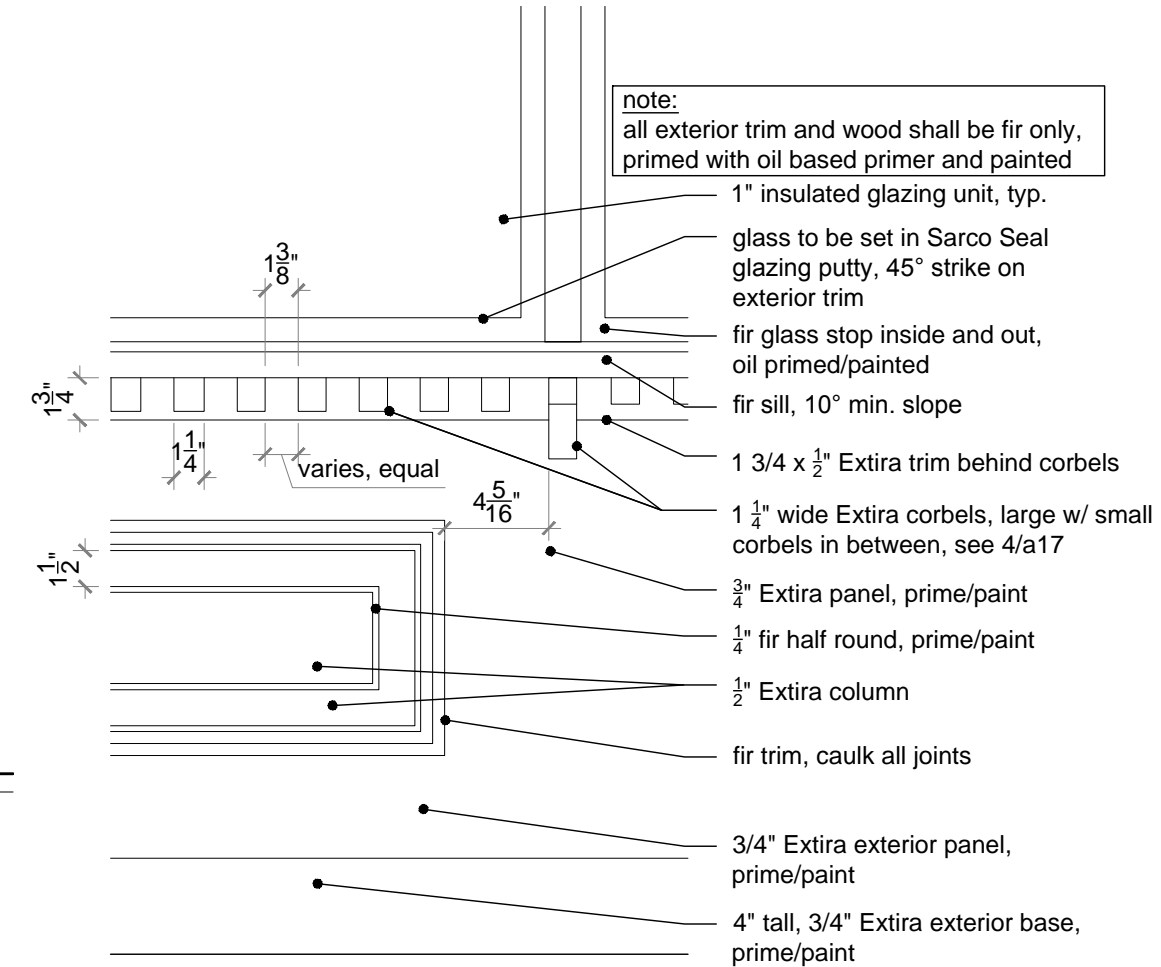


2 enlarged storefront section

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



4 corbel profiles



3 enlarged storefront elevation

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