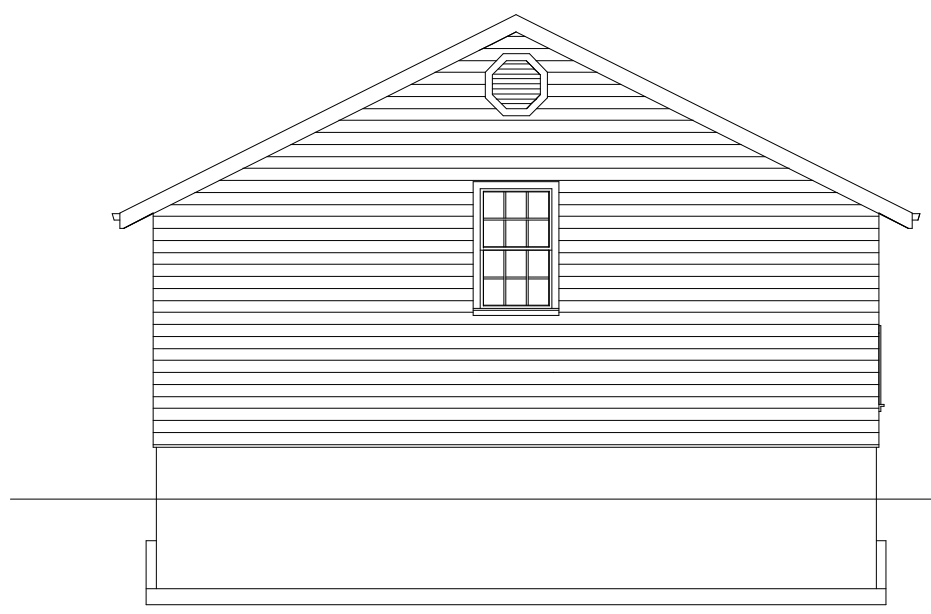
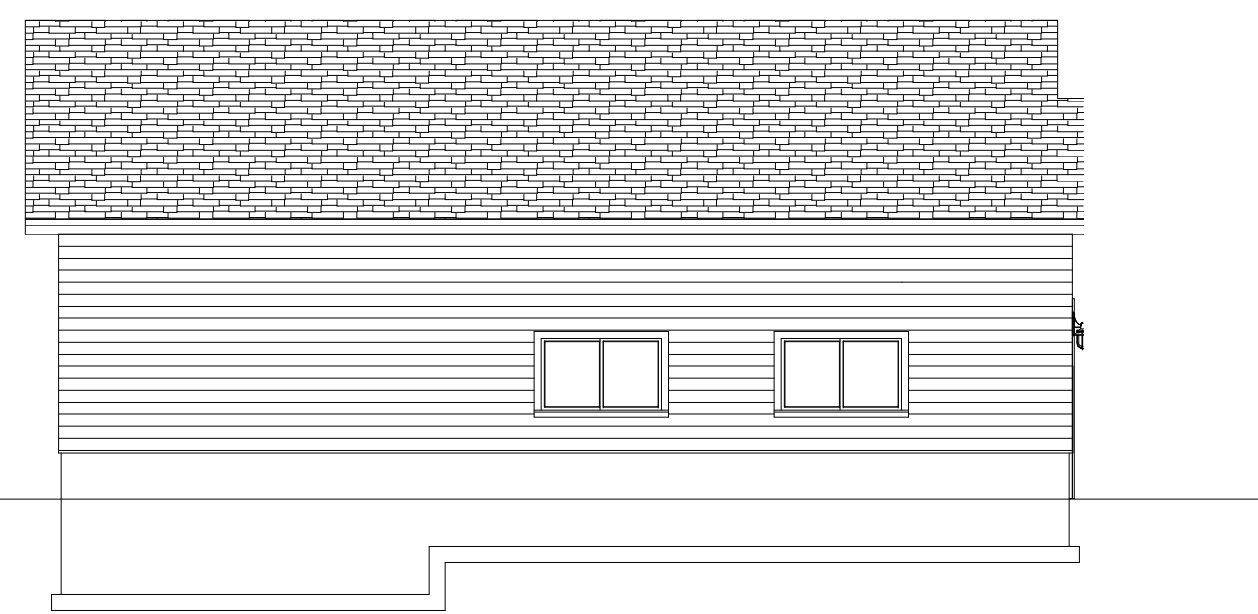




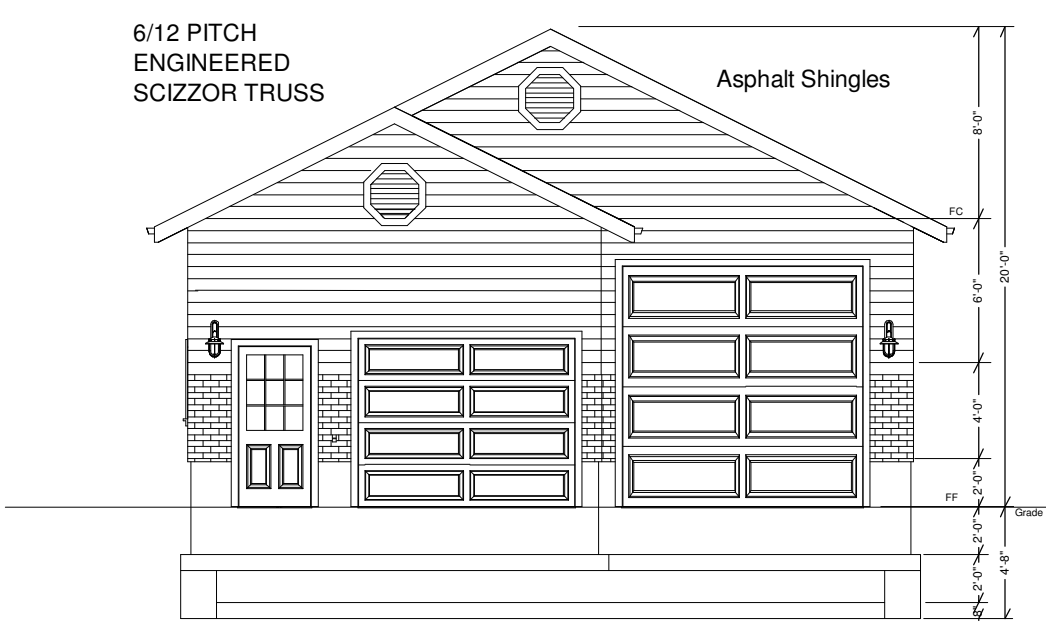
Sample Workshop/Garage Plan www.sdscad.com Plans for as low as \$9.99



REAR ELEVATION



LEFT ELEVATION



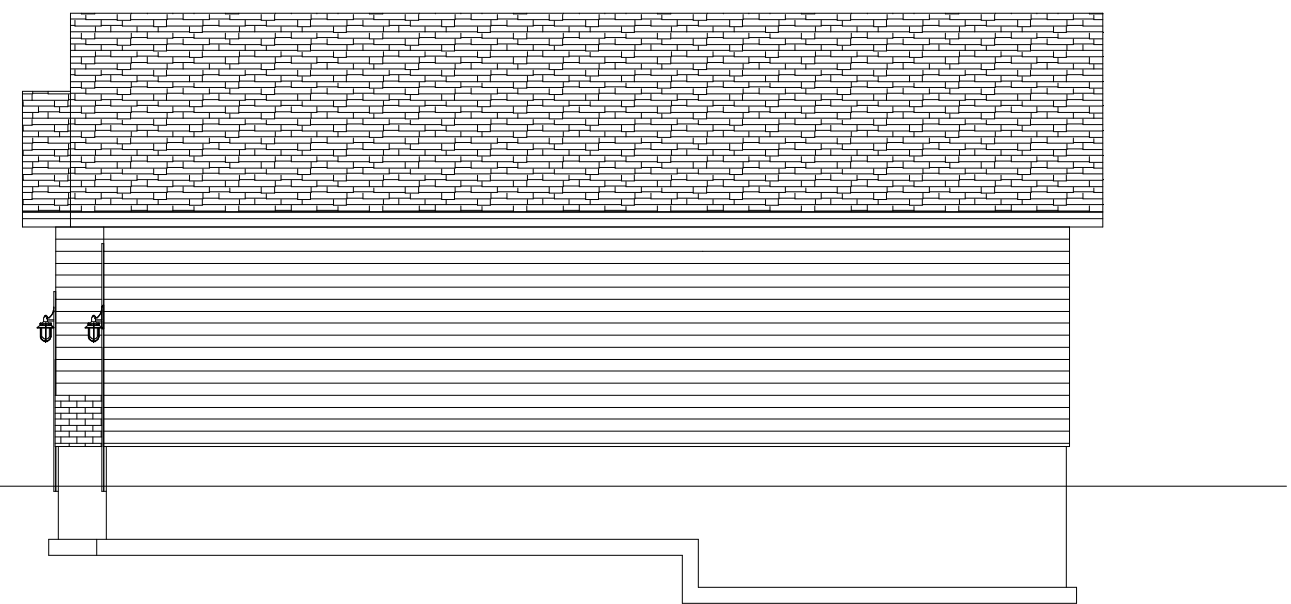
FRONT ELEVATION

SCALE  
1/8"=1'

Grade

Stucco or siding over  
Structural Panel  
with 4' brick on front

10' Tall 2 x 6 Walls  
2' exposed concrete  
stem wall



RIGHT ELEVATION

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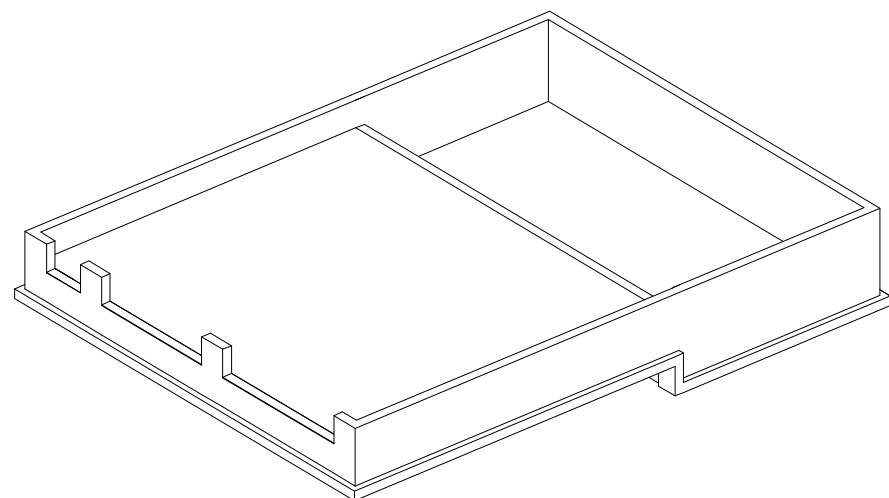
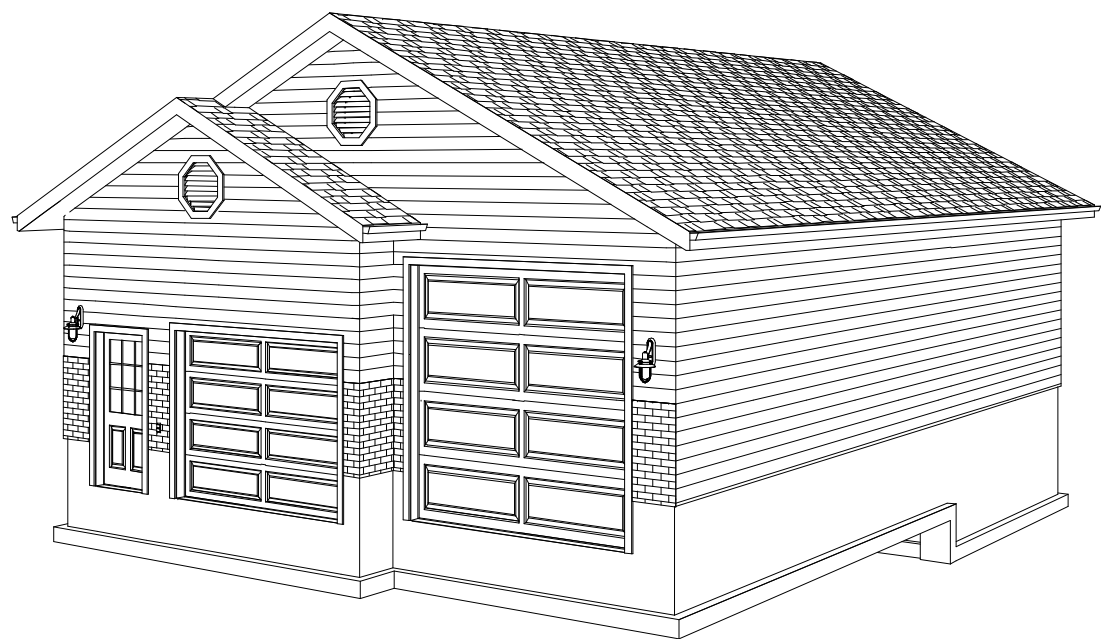
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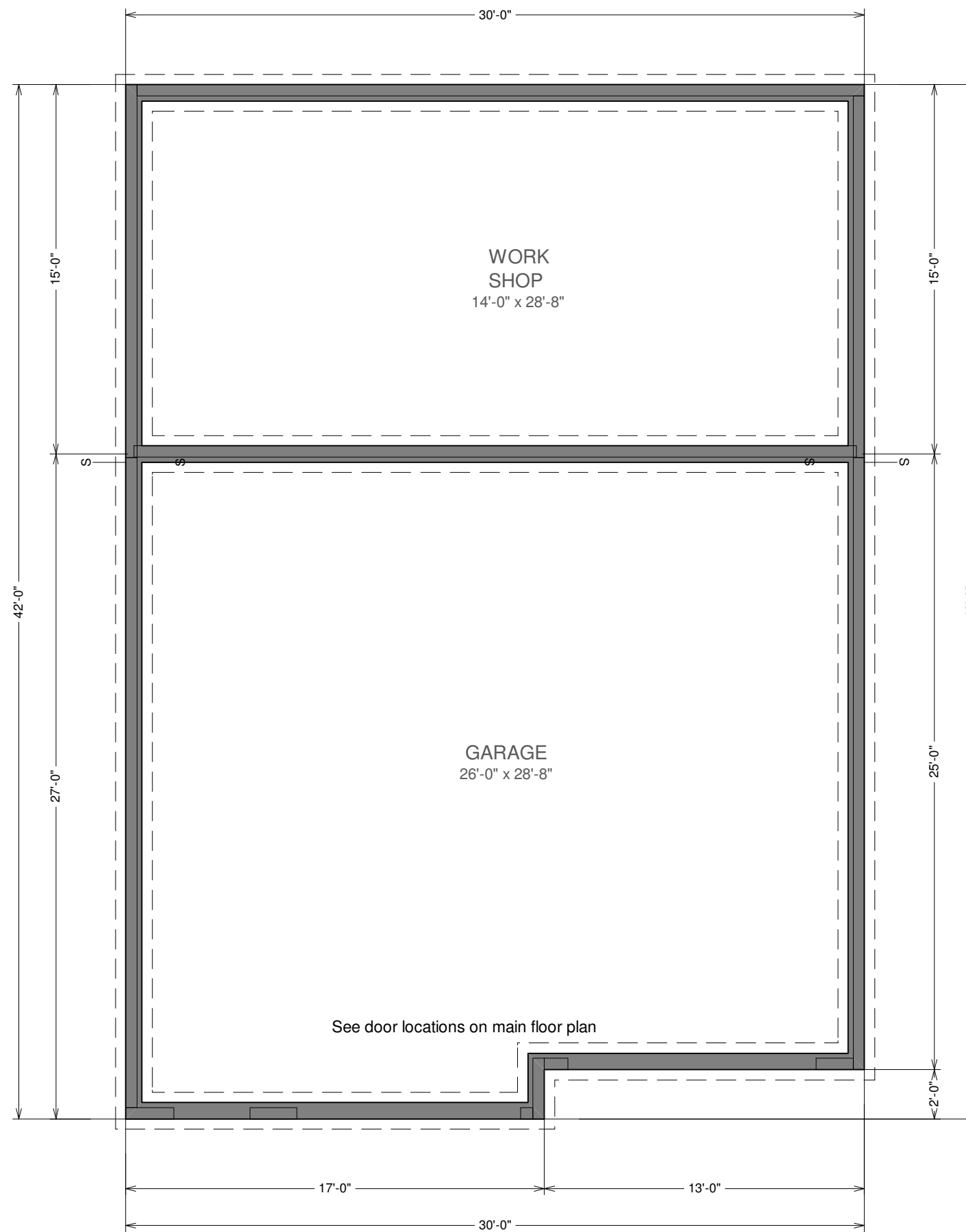
Sample Workshop/Garage Plan www.sdscad.com Plans for as low as \$9.99



**PICTORIAL VIEWS**

**Concrete:**

1. All slabs are to be 4" concrete over 4" gravel unless otherwise noted on the plans.
2. Anchor bolts shall be A-307 embedded 7" minimum into concrete or masonry grout.
3. All footings minimum 30" below final grade



**FOUNDATION PLAN**

SCALE 3/16"=1'

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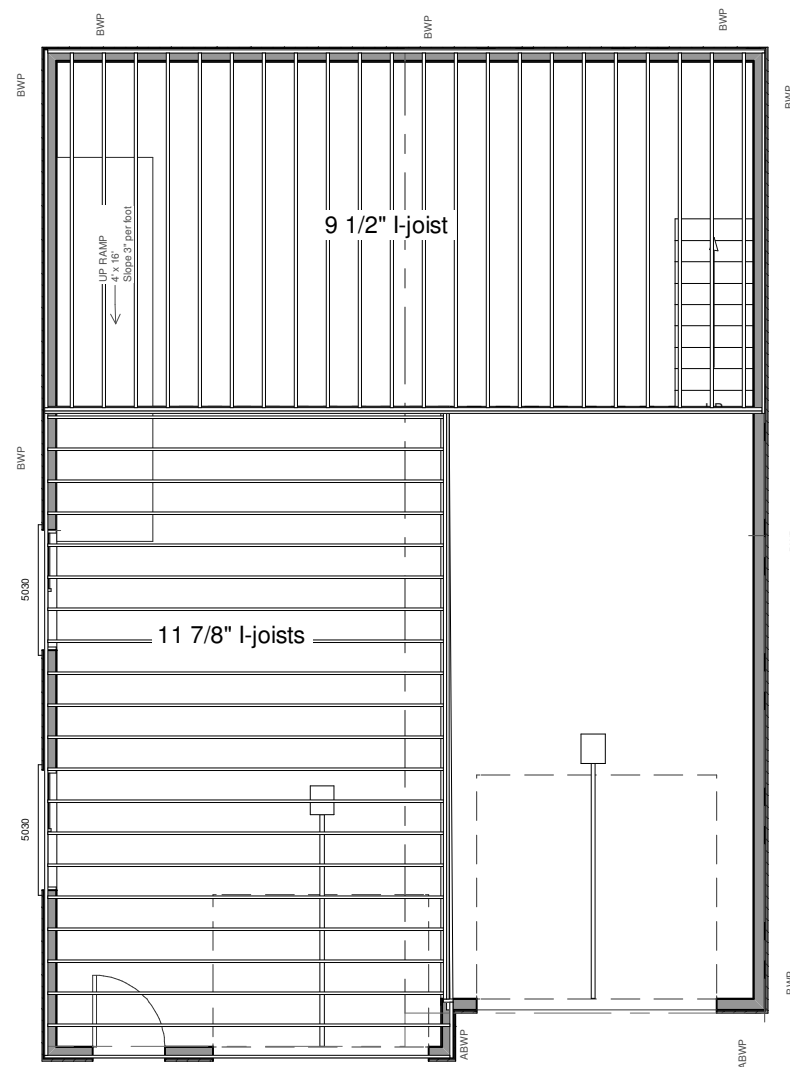
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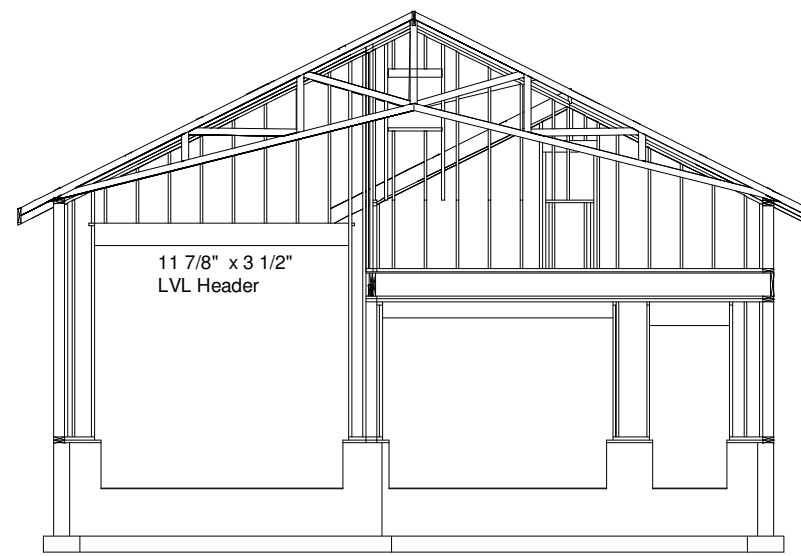
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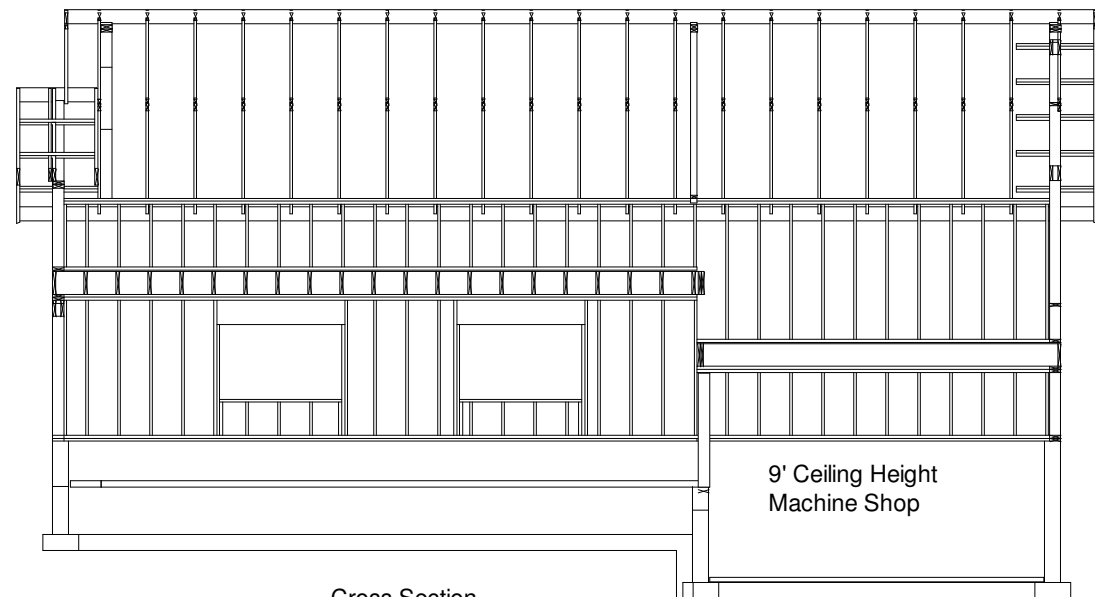
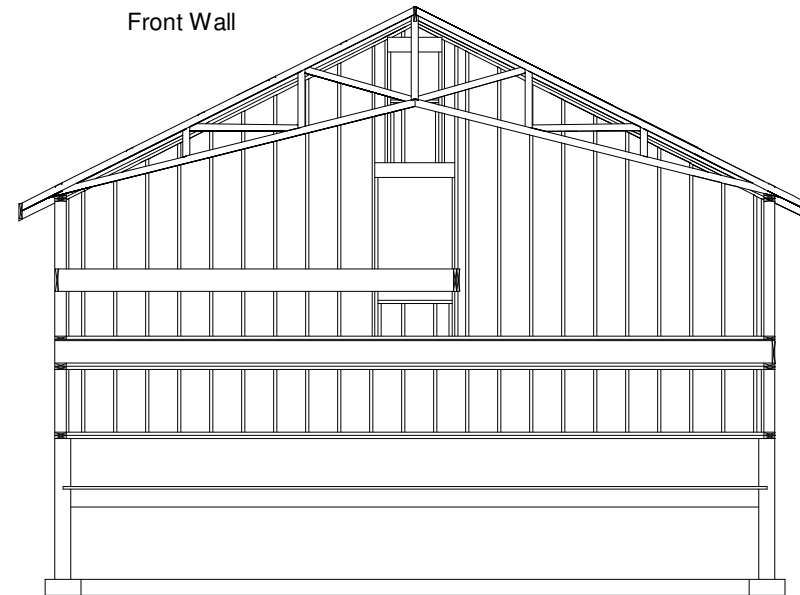


GARAGE ROOF PRE-ENGINEERED SCIZZOR TRUSSES AS SUPPLIED BY TRUSS MANUFACTURER 24" o.c.

10' Tall 2 x 6 Walls

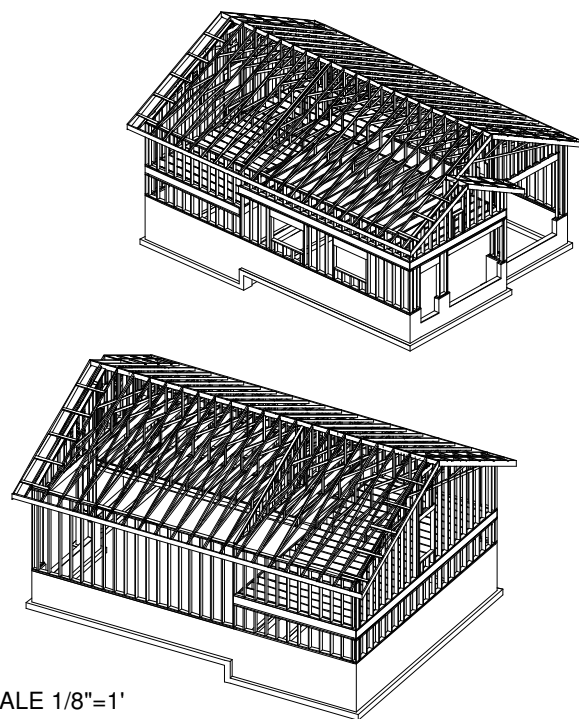


Front Wall



Cross Section

9' Ceiling Height Machine Shop



SCALE 1/8"=1'

General framing: (Douglas Fir)

1. Minimum header sizes shall be according to the following table unless otherwise noted. Header sizes (single story construction)
  - 2'-0" to 4'-0" Span 2-2x4's
  - 4' + to 6'-0" Span 2-2x6's
  - 6' + to 8'-0" Span 2-2x8's
  - 8' + to 10'-0" Span 2-2x10's
  - 10' + to 12'-0" Span 2-2x12's or as noted on plan
2. Brace all exterior walls and cross-stud partitions at each end of building and at least every 25' of length by one of the following:
  - a. Simpson WB 126 wall bracing with 3-16d nails at each end and 1-8d nails at each stud.
  - b. Plywood sheathing of a minimum thickness of 7/16 inch.
3. Fire stopping:
  - a. Fireblock stud spaces over 10' in height, furred spaces, soffits, drop ceilings, cove ceilings, stair stringers at top and bottom of run, bearing walls and ceiling joist lines, etc. Firestopping shall consist of 2" nominal lumber.
  - b. Firestop openings around vents, pipes, ducts, chimneys, and fireplaces at ceiling and floor levels with approved noncombustible materials.
4. CDX plywood is not approved where exposed to weather, i.e., roof overhangs.
5. Exterior wall framing to be 2"x4" studs at 16" o.c. Interior wall, framing at non-bearing walls to be 2"x4" studs at 24" o.c. and at bearing walls 2"x6" studs at 16" o.c. with double top plate.
6. Shear wall to be 7/16" Sheathing, see detail.
7. All stress grade lumber shall comply with WCLA specs and bear approval stamp on all pieces in place.
8. Framing lumber shall be Douglas Fir construction grade Fb 1450 or better unless otherwise noted.
9. Nailing to be per current U.B.C. unless otherwise noted.
10. All bearing partitions shall have double top plates.
11. Structural glued laminated timbers to be stamped by an approved agency.
12. Use redwood or pressure treated sole plates at all exterior walls.

Roof Framing:

1. Fascia to be 2"x Douglas Fir.
2. For soffit size see details.
3. For spans and dimensions refer to floor plans.
4. Trusses are to be an approved truss design from the truss manufacturer's engineer.
5. Use Simpson H-1 hurricane anchors at each truss or rafter to wall connection.
6. Solid blocking required between joists, rafters, and trusses over all bearing walls. Such blocking shall be 1 1/2" minimum thickness and full depth of joists, rafters, or trusses.
7. Minimum header sizes shall be according to the header size table unless otherwise noted.
8. Basis of design roof live/snow load of 37 psf, and roof dead load of 15 psf.
9. Plywood roof decking to be Min 1/2" thick, 24/0, CDX or 5/8 wafer.
10. Shingles to be attached with 1 1/4" min roofing nails.

# WALL FRAMING SECTIONS

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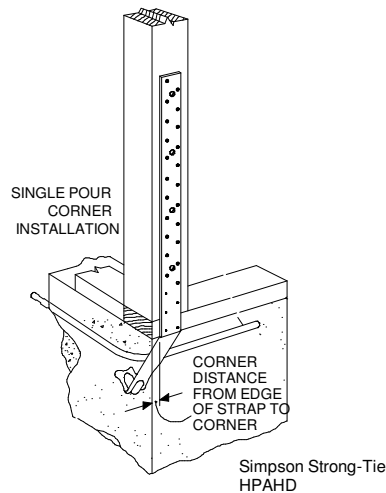
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SHEET NO. 4 of 6



HPAHD straps for all (ABWP) Alternate Braced Wall Panels  
See additional detail for all (BWP) Braced Wall Panels

**TYPICAL ALTERNATE BRACED WALL PANEL (ABWP)**

**NOTE: TYPICAL DETAILS FOR CONSTRUCTION TO MEET BUILDING REQUIREMENTS. GARAGES TO BE BUILT AS PER LOCAL CODE REQUIREMENTS**

CDX PLYWOOD SHEAR WALL INSTALLED W/ LONG DIMENSION ACROSS STUDS. STAGGER VERTICAL JOINTS

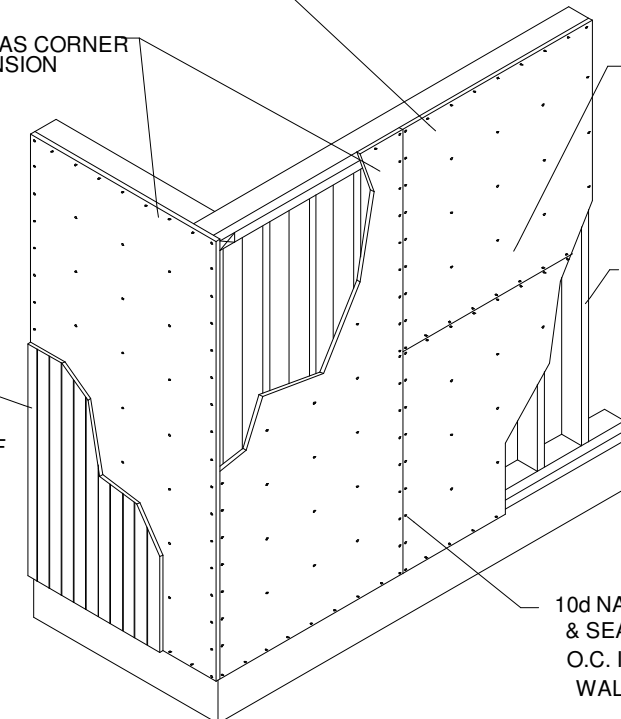
PANEL SHEATHING USED AS CORNER BRACING W/ LONG DIMENSION PARALLEL TO STUDS

LEAVE 1/4" GAP @ EDGES & 1/8" GAP @ ENDS UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER

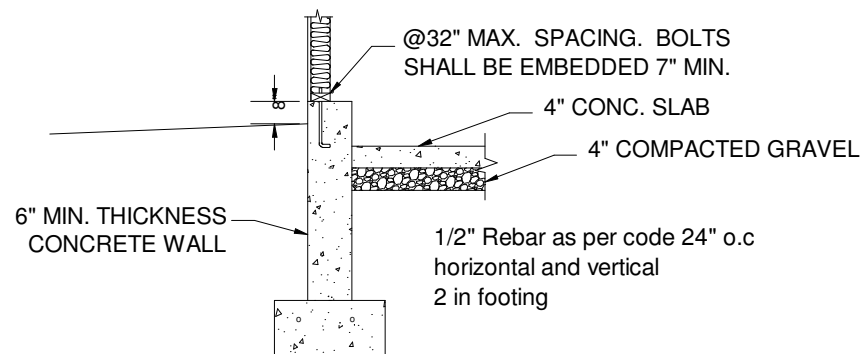
WALL FRAMING

SIDING MATERIAL STRUCTURAL PANEL CAN ACT AS SIDING IF OF EXTERIOR GRADE

10d NAILS @ 6" O.C. AT EDGES & SEAMS AND 10d NAILS @ 12" O.C. IN FIELD U.N.O. ON SHEAR WALL SCHEDULE

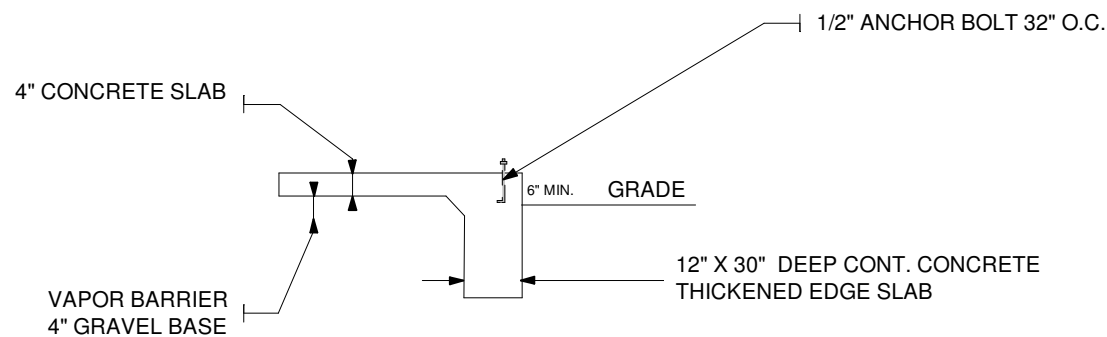


**TYPICAL BRACED WALL PANEL (BWP)**

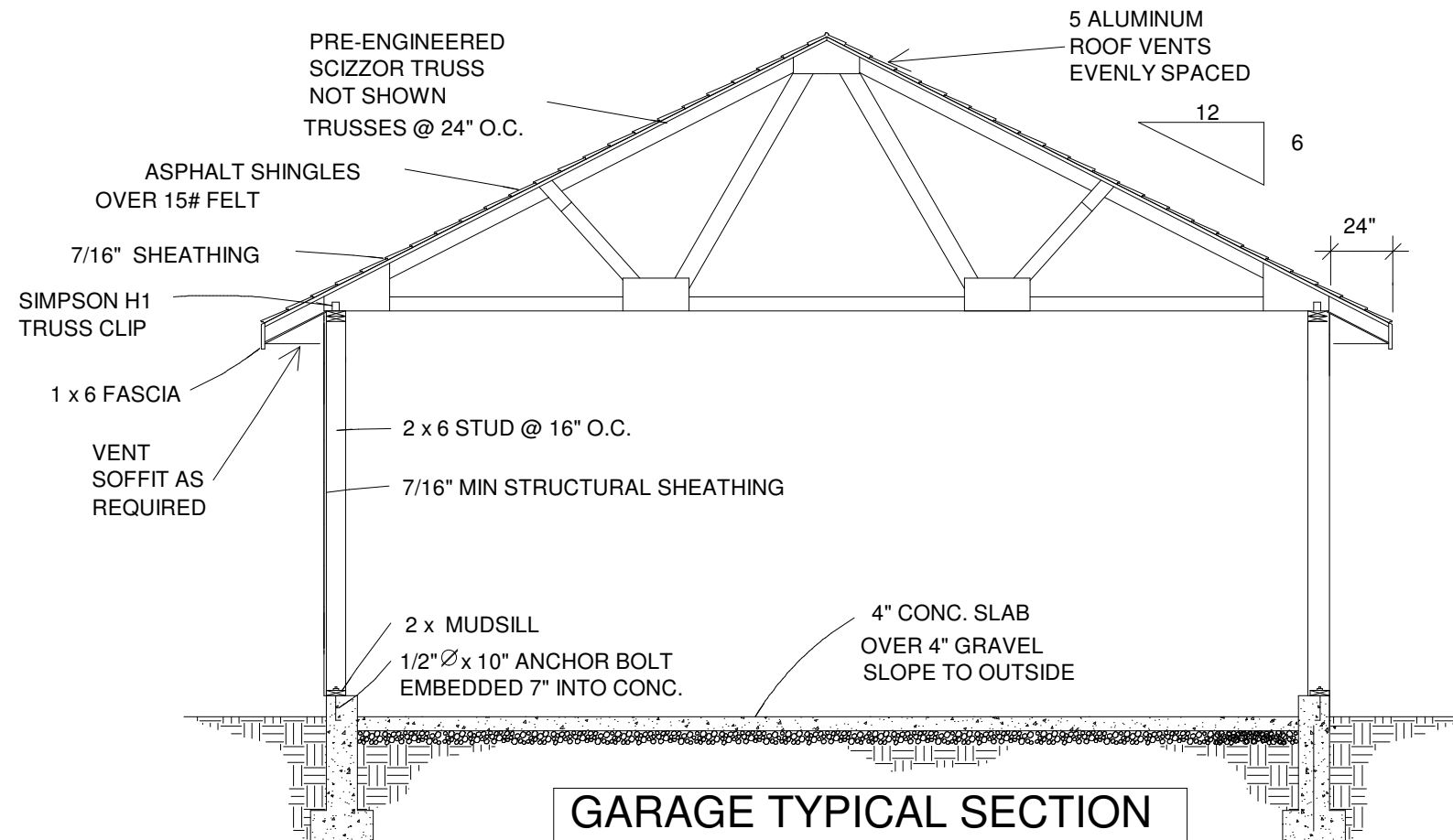


**Footing and concrete wall option**

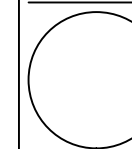
Bottom of footing to be a min of 30" below grade or as required by local code



**Monolithic slab foundation option**



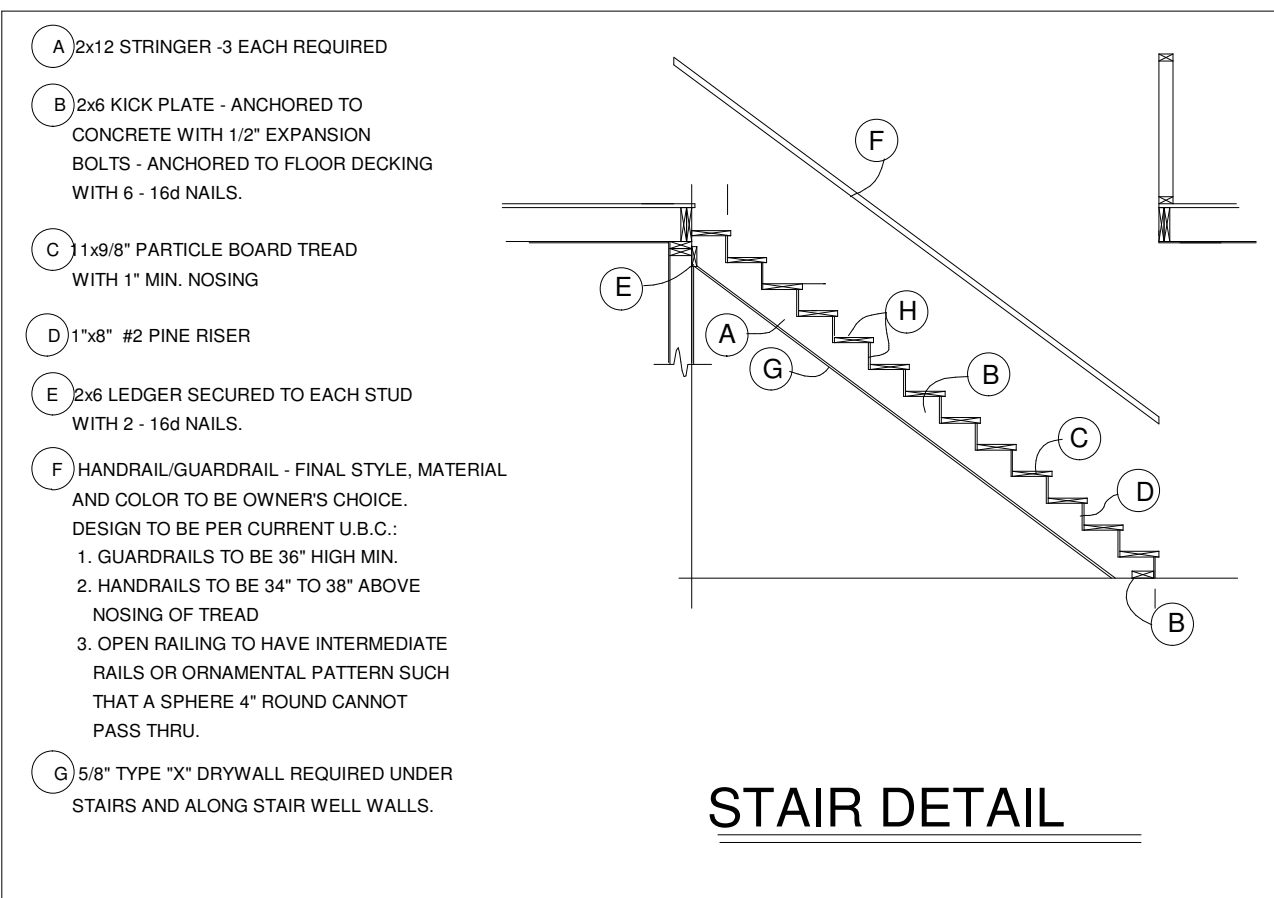
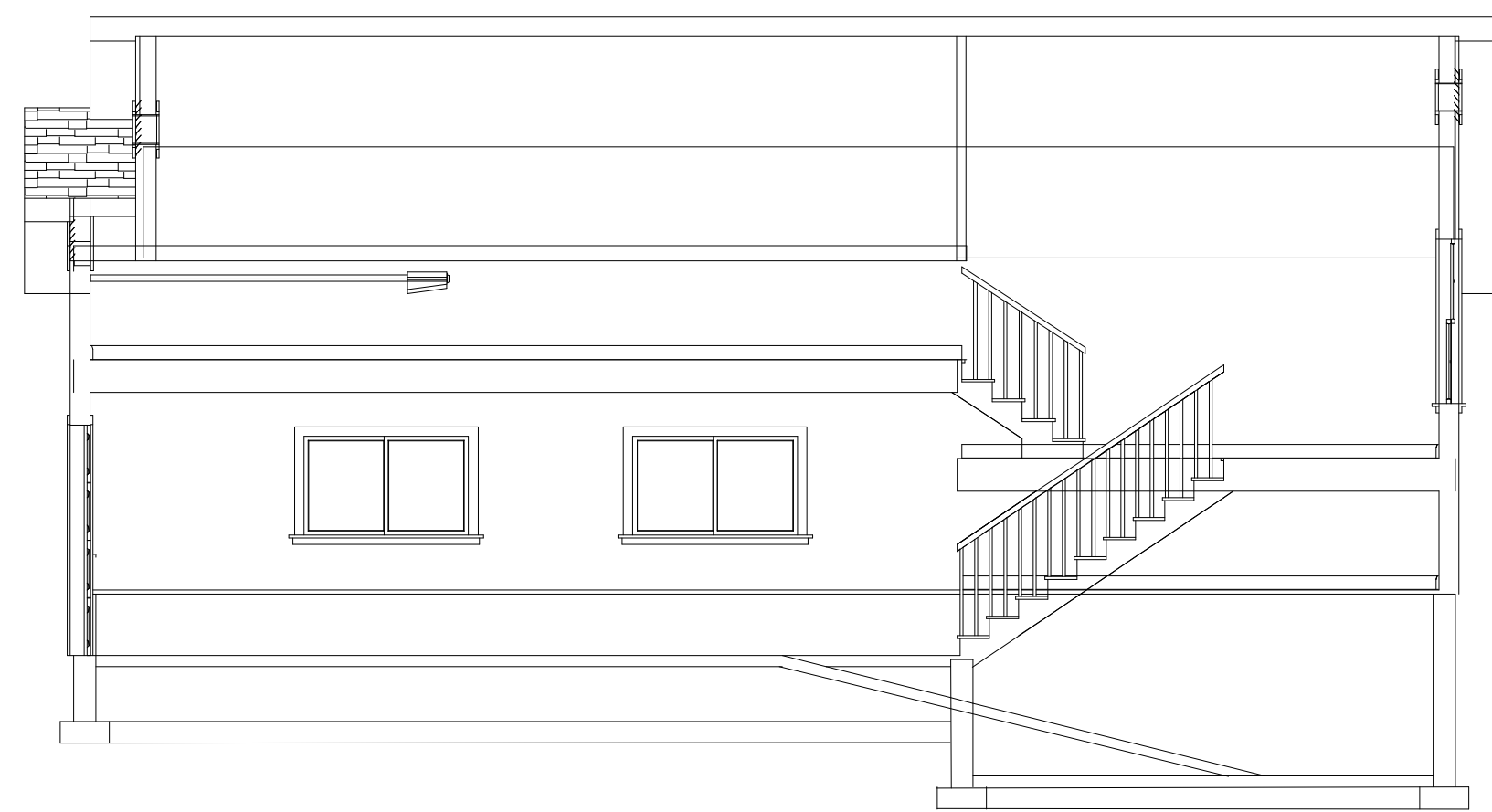
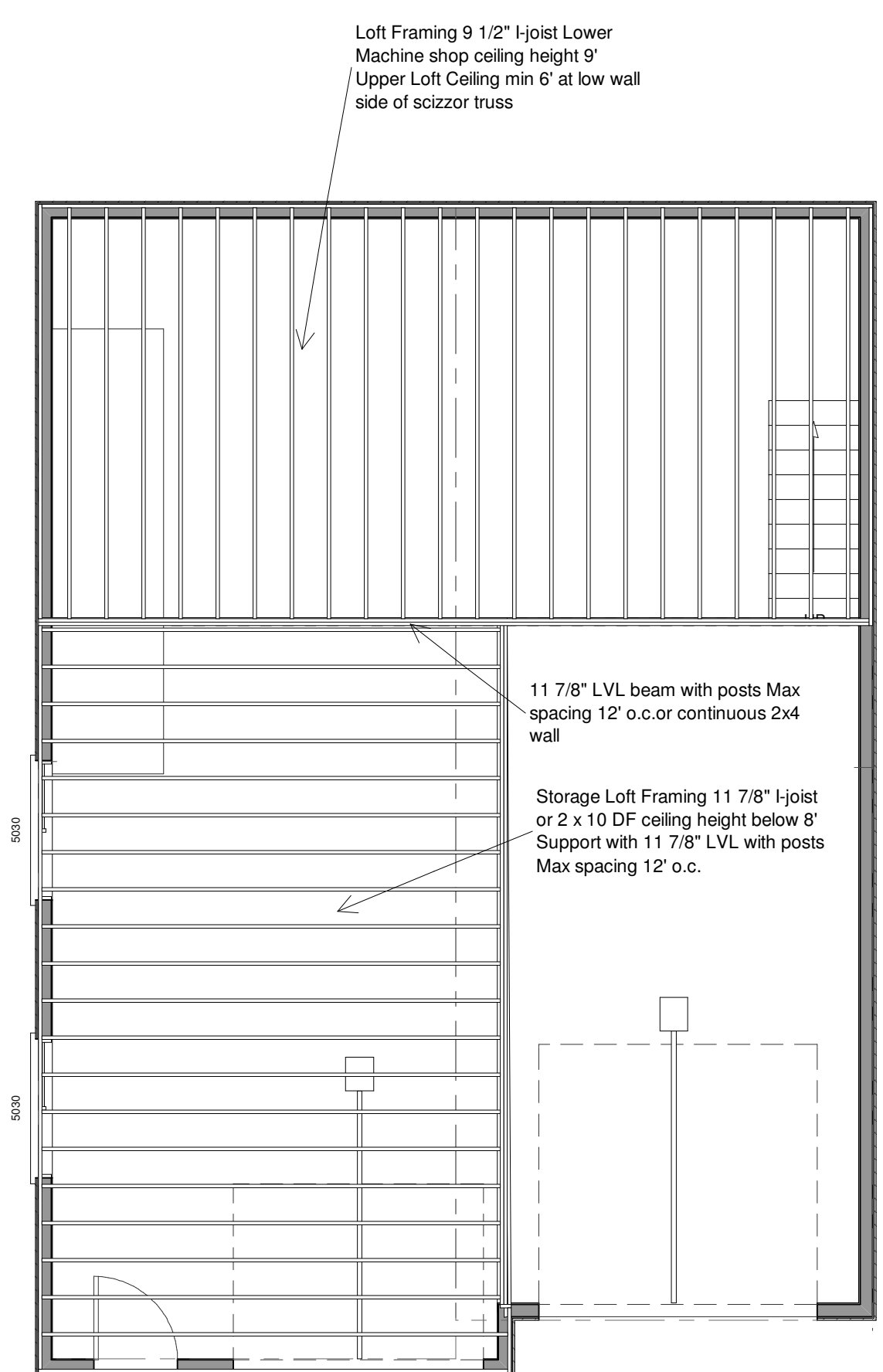
**GARAGE TYPICAL SECTION**



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