

NAILING SCHEDULE

Joist to sill or girders	3-8d toenails
Sole plate to joist or blocking	16d @ 16" O.C.
Studs to plates	2-16d
Double top plate	8-16d @ laps then 16d @ 16" O.C.
Ceiling joist to plates	3-8d toenails
Ceiling joist lap splice	Table 2308.10.4.1
Ceiling joist to parallel rafters	Table 2308.10.4.1
Rafters to plate	3-8d
1x brace to studs and plate	2-8d
1/2" or < plywood	8d @ 6" O.C. edges & 12" O.C. field
3/4" or > plywood	10d @ 6" O.C. edges & 12" O.C. field
2" subfloor to joists or girders	2-16d

HEADERS (On Edge)

SPAN	SIZE
4' - 0"	4" x 4"
6' - 0"	4" x 6"
8' - 0"	4" x 8"
10' - 0"	4" x 10"

(Not for truss roof designs)

Exterior Foundation

FOUNDATIONS FOR STUD BEARING WALLS-MINIMUM REQUIREMENTS

	w		b	t	d
	Foundation Wall Thickness	Unit Masonry			
Standard Anchor Bolts Only	6	6	12	6	12
w/HPA or Holdown Bolt	8	8	12	6	12

1 - 18" recommended for expansive soils.

Interior Foundations
See Details on Sheet 2

NOTES: 1. All footings shall have 1-#4 reinforcing bar (rebar), top and bottom, continuous. Splices shall overlap a minimum of 24".
2. Simple floor joist designs may be taken from the California Building Code span tables.
3. Soils report recommendations supercede conven. req.s.



Building Division

Conventional Light Frame Details for Single Story Residential Construction

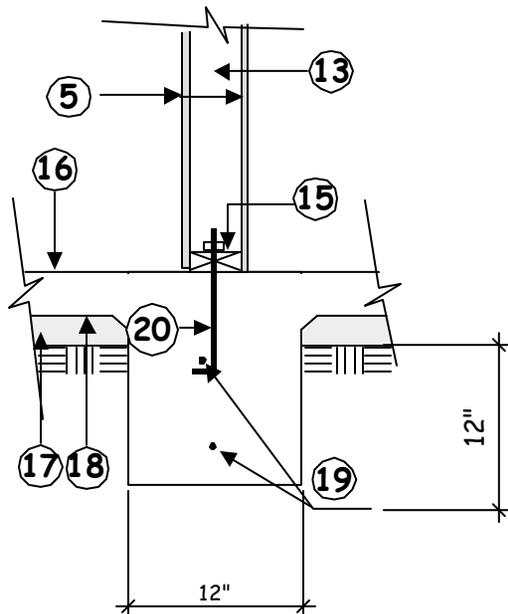
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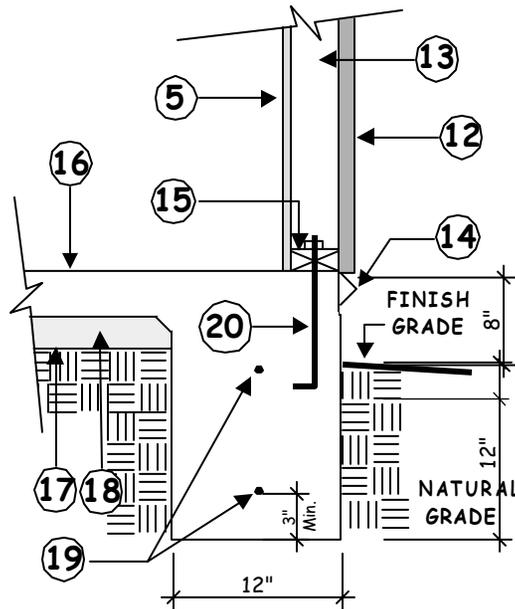
9/17/2014

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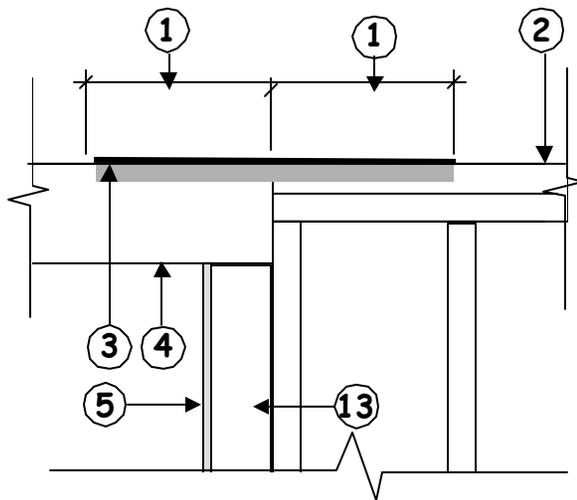
INTERIOR BEARING FTG.

Detail 1 NTS



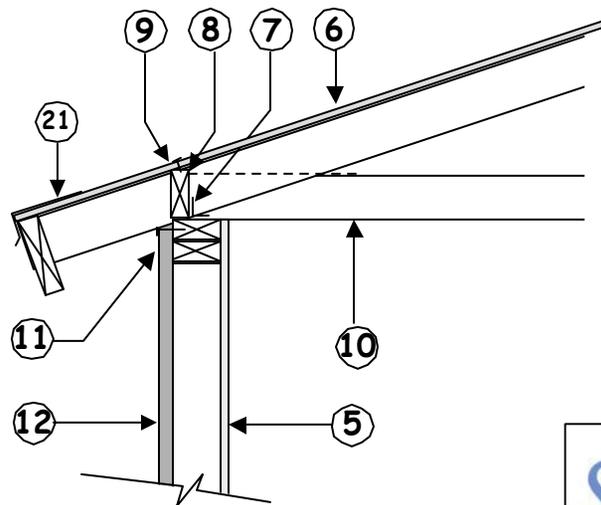
EXTERIOR BEARING FTG.

Detail 2 NTS



DRAG DETAIL

Detail 3 NTS



SHEAR TRANSFER

Detail 4 NTS

LEGEND

- 1- Equal distance on either side of the break.
- 2- Double top plate.
- 3- SIMPSON ST6236 steel strap w/ 20-16d nails at each end or equal.
- 4- Header, size per plan (See sheet 1).
- 5- Interior wall finish.
- 6- Roof sheathing.
- 7- SIMPSON A-35 @ 24" O.C.
- 8- 2X block
- 9- 8d's @ 6" O.C.
- 10- Bottom truss cord or ceiling joist.
- 11- Edge nailing.
- 12- Exterior shear panel or finish per plan.
- 13- 2X studs or posts.
- 14- Weep (stucco) screed.
- 15- 2X bottom plate.
- 16- 4" slab minimum.
- 17- Waterproof membrane.
- 18- 4" sand/gravel minimum.
- 19- 1 #4 top & bottom continuous. 24" overlap at all splices.
- 20- 1/2" dia. x 10" anchor bolt w/ 3"x3"x1/4" square washer, typical.
- 21- Drip edge.



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