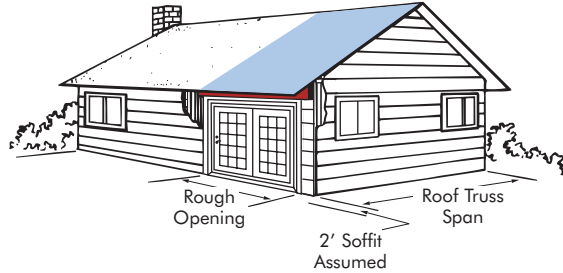
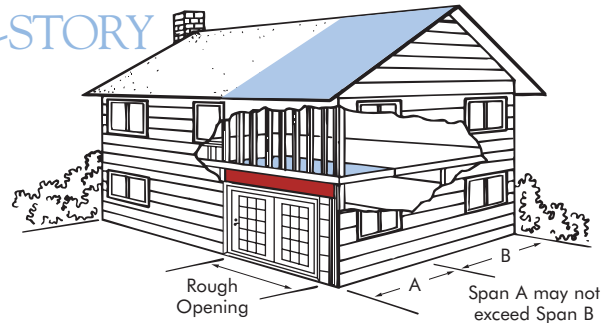


LRC LVL WINDOW & PATIO DOOR HEADERS

1-STORY



2-STORY



This table provides LRC LVL header sizes for the support of roof trusses over various rough openings. A 2 foot maximum roof overhang is assumed.

This table provides LRC LVL header sizes for the support of one level of floor framing, an exterior wall and roof trusses over various rough openings. A 2 foot maximum roof overhang and center support for the floor framing are assumed.

1-STORY – 1¾" x 2.0E LRC LVL

| Roof Loading | | Snow (115%) | | | | | | | | | | Non-Snow (125%) | | | | | | | | | |
|--|-----|-----------------------|-------|-------|--------|--------|-----------------------|-------|--------|--------|--------|-----------------------|-------|-------|--------|--------|-----------------------|-------|-------|--------|--------|
| | | 25 psf LL + 20 psf DL | | | | | 40 psf LL + 20 psf DL | | | | | 20 psf LL + 15 psf DL | | | | | 20 psf LL + 25 psf DL | | | | |
| Rough Opening | | 6' | 8' | 9' | 10' | 12' | 6' | 8' | 9' | 10' | 12' | 6' | 8' | 9' | 10' | 12' | 6' | 8' | 9' | 10' | 12' |
| Roof Truss Span with 2' Soffit Assumed | 20' | 2-7¼" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-7¼" | 2-7¼" | 2-9½" | 2-11⅞" | 2-7¼" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" |
| | | 3-7¼" | 3-7¼" | 3-7¼" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-7¼" | 3-7¼" | 3-7¼" | 3-9½" | 3-11⅞" |
| | 24' | 2-7¼" | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-7¼" | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" |
| | | 3-7¼" | 3-7¼" | 3-7¼" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-7¼" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-7¼" | 3-9½" | 3-11⅞" |
| | 28' | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-14" | 2-7¼" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" |
| | | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-7¼" | 3-7¼" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" |
| | 32' | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" | 2-7¼" | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" |
| | | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-7¼" | 3-7¼" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" |
| | 36' | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" |
| | | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" |

Notes:

- LRC LVL Header sizes are listed as the number of 1¾" thick pieces by the header depth, e.g. 2 - 9½" indicates two 1¾" pieces by 9½" deep.
- All LRC LVL headers require support across their full width.
- The minimum required bearing length (based on 850 psi) is 3".
- The roof framing is assumed to be trusses supported by the exterior walls only.
- Deflection is limited to L/240 at live load and the lesser of L/180 or 5/16" at total load.

2-STORY – 1¾" x 2.0E LRC LVL

| Roof Loading | | Snow (115%) | | | | | | | | | | Non-Snow (125%) | | | | | | | | | |
|--|-----|-----------------------|-------|--------|--------|--------|-----------------------|--------|--------|--------|-------|-----------------------|-------|--------|--------|--------|-----------------------|-------|--------|--------|--------|
| | | 25 psf LL + 20 psf DL | | | | | 40 psf LL + 20 psf DL | | | | | 20 psf LL + 15 psf DL | | | | | 20 psf LL + 25 psf DL | | | | |
| Rough Opening | | 6' | 8' | 9' | 10' | 12' | 6' | 8' | 9' | 10' | 12' | 6' | 8' | 9' | 10' | 12' | 6' | 8' | 9' | 10' | 12' |
| Roof Truss Span with 2' Soffit Assumed | 20' | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" |
| | | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" |
| | 24' | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-16" | 2-7¼" | 2-9½" | 2-9½" | 2-11⅞" | 2-14" | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" |
| | | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" |
| | 28' | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-16" | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" |
| | | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" |
| | 32' | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-16" | 2-7¼" | 2-11⅞" | 2-11⅞" | 2-14" | 2-18" | 2-7¼" | 2-9½" | 2-11⅞" | 2-11⅞" | 2-16" | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-16" |
| | | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-9½" | 3-11⅞" | 3-11⅞" | 3-16" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" |
| | 36' | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-16" | 2-7¼" | 2-11⅞" | 2-11⅞" | 2-14" | 2-18" | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-16" | 2-7¼" | 2-9½" | 2-11⅞" | 2-14" | 2-16" |
| | | 3-7¼" | 3-9½" | 3-11⅞" | 3-11⅞" | 3-14" | 3-7¼" | 3-9½" | 3-11⅞" | 3-11⅞" | 3-16" | 3-7¼" | 3-9½" | 3-9½" | 3-11⅞" | 3-14" | 3-7¼" | 3-9½" | 3-11⅞" | 3-11⅞" | 3-14" |

+ see note 3

Notes:

- LRC LVL header sizes are listed as the number of 1¾" thick pieces by the header depth, e.g. 2 - 9½" indicates two 1¾" pieces by 9½" deep.
- All LRC LVL headers require support across their full width.
- The minimum required bearing length (based on 850 psi) is 3" unless the + symbol is shown. In that case, 4½" is required.
- LRC LVL header sizes are based on residential floor loading of 40 psf live load and 10 psf dead load, and an exterior wall weight of 100 plf. The roof framing is assumed to be trusses supported by the exterior walls only.
- Deflection is limited to L/360 at live load and the lesser of L/240 or 5/16" at total load.
- LRC LVL header sizes are based on the assumption that the floor joists are supported in the middle of the building by a beam or wall.