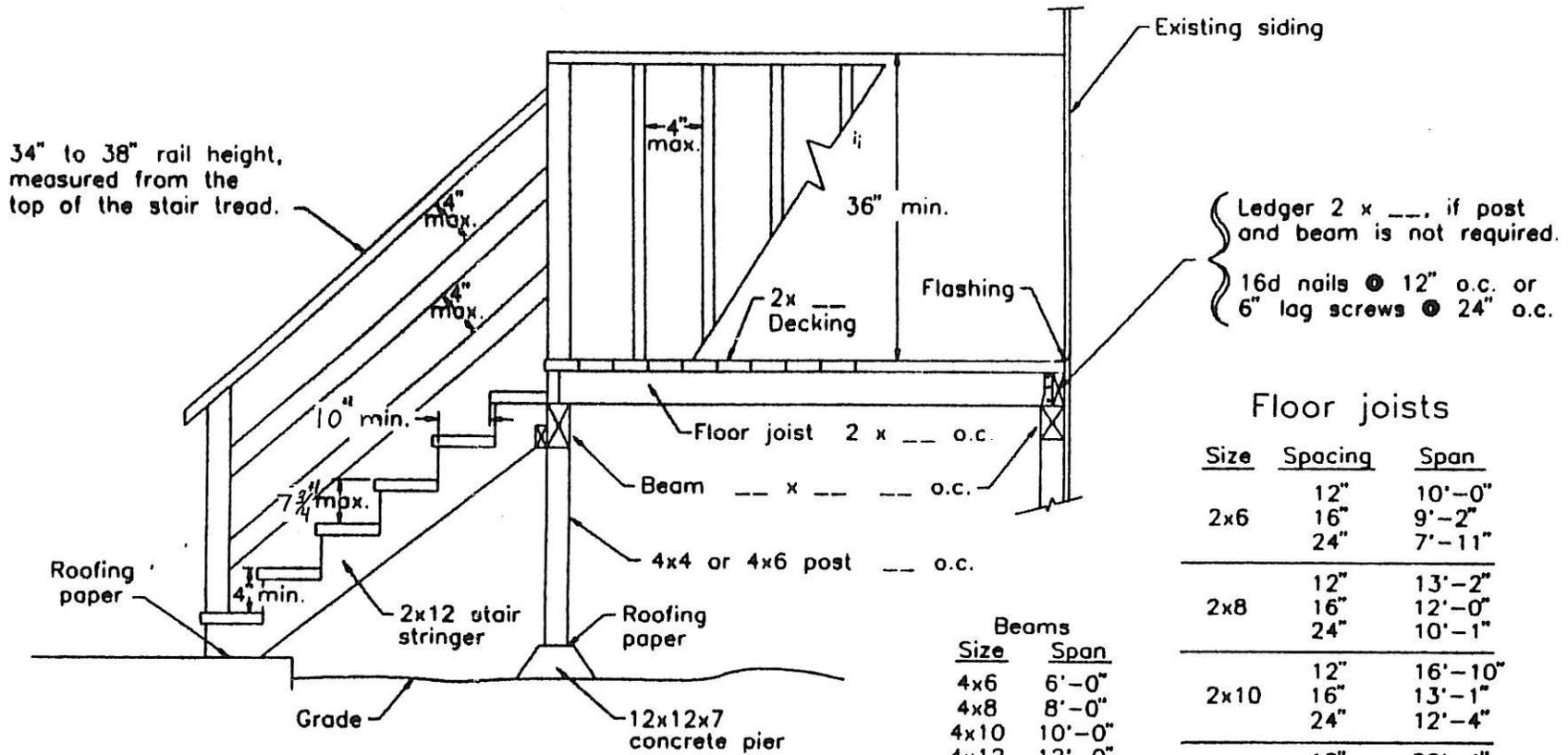


# Residential deck construction



Ledger 2 x \_\_\_, if post and beam is not required.  
 16d nails @ 12" o.c. or  
 6" lag screws @ 24" o.c.

### Floor joists

| Size | Spacing | Span    |
|------|---------|---------|
| 2x6  | 12"     | 10'-0"  |
|      | 16"     | 9'-2"   |
|      | 24"     | 7'-11"  |
| 2x8  | 12"     | 13'-2"  |
|      | 16"     | 12'-0"  |
|      | 24"     | 10'-1"  |
| 2x10 | 12"     | 16'-10" |
|      | 16"     | 13'-1"  |
|      | 24"     | 12'-4"  |
| 2x12 | 12"     | 20'-4"  |
|      | 16"     | 17'-6"  |
|      | 24"     | 14'-4"  |

Beams

| Size | Span   |
|------|--------|
| 4x6  | 6'-0"  |
| 4x8  | 8'-0"  |
| 4x10 | 10'-0" |
| 4x12 | 12'-0" |
| 4x14 | 14'-0" |
| 4x16 | 16'-0" |

Note:  
 If deck is more than 48" above grade, contact the building department about positive connections between posts and beams, posts and concrete piers, and diagonal bracing.

Name \_\_\_\_\_

Permit # \_\_\_\_\_

Approved by \_\_\_\_\_

Date \_\_\_\_\_