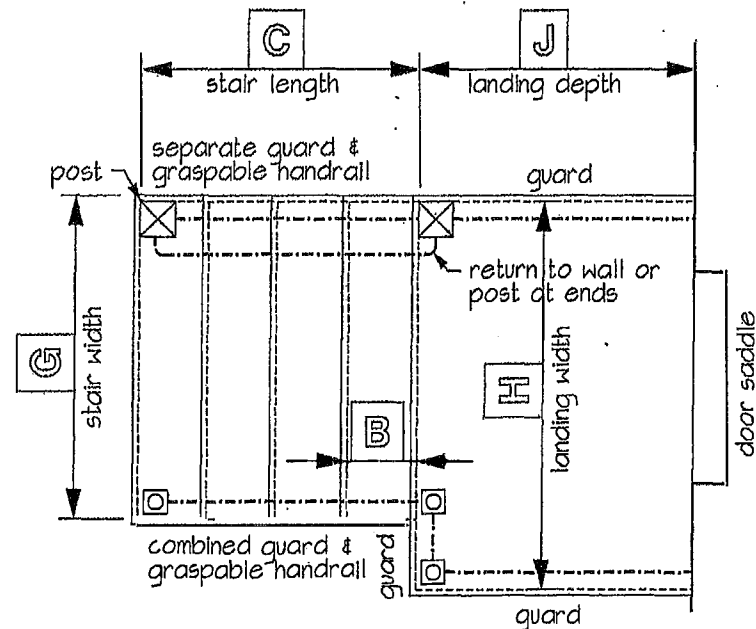


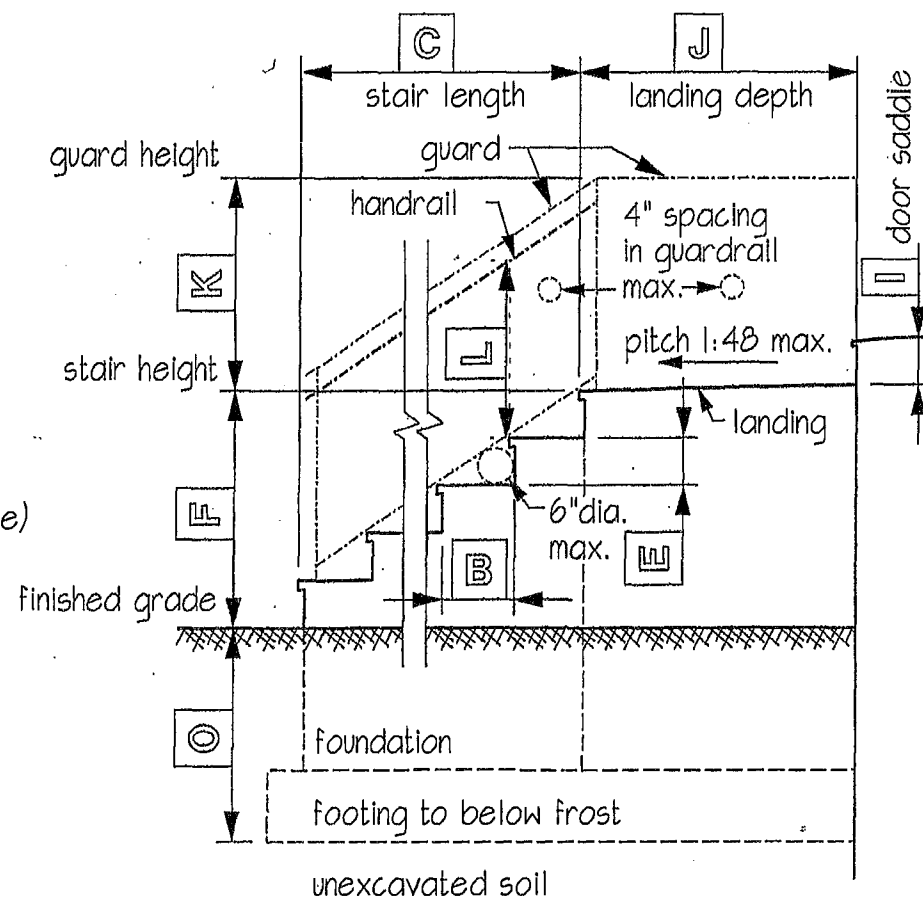
Township of Verona Building Department - Exterior Porches & Steps

Stair Calculation Sheet for Homeowners

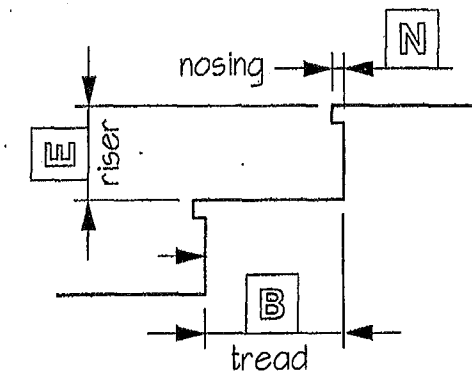
- A Enter the Number of Treads (verify in field)
- B Enter Tread Depth (9" minimum, exclusive of nosing)
(3/8" maximum between greatest and smallest tread)
- C Multiply A x B = Stair Length (verify with actual conditions)
- D Enter the Number of Risers (verify in field)
- E Enter Riser Height (8 1/4" maximum)
(3/8" maximum between greatest and smallest riser)
- F D x E = Stair Height (verify with actual conditions)
- G Enter Stair Width
(36" minimum)
- H Enter Landing Width
(36" minimum)
- I Enter Door to Landing Height
(8 1/4" maximum from landing to top of door saddle)
- J Enter Landing Depth
(36" minimum)
- K Enter Guard Height (36" min. @ landing, 34" min. @ stair)
(guard required where landing exceeds 30" above grade)
- L Enter Handrail Height
(30" min. to 38" max. above leading edge of tread)
- M Enter Graspable Handrail Size (1 1/4" min. to 2" max.)
(handrail required on all stairs with more than 3 risers)
- N Enter Nosing Depth (3/4" min. to 1 1/4" max.)
(nosing may be omitted where B=10 or greater)
- O Enter Footing Depth (36" frost depth minimum)



Top View (Plan)



Side View (Elevation)



Step Profile

Note to Homeowner:

Homeowner to attach complete copy of property survey along with a typical stair section indicating materials and any other construction notes. Provide two (2) signed sets of all documents with construction permit application.

Prepared by:

Homeowner Signature

Date:

Homeowner

Address