

INTERIOR

WALLS:

- Lumber size of interior and exterior walls
- Interior and exterior wall covering
- Spacing of framing lumber
- Insulation value
- Header sizes of windows and doors
- Vapor barrier

INTERIOR:

- Dimensions of rooms
- Window and door sizes
- Floor joist size and spacing
 - if pre-engineered, manufacturers specifications must be submitted

HVAC:

- Gas unit
 1. show location of furnace and hot water heater
 2. show where vented to
 3. size of vents
 4. location of make-up air vents
 5. clearance around unit if in an enclosed room
 6. gas shut off location
- Electric unit
 1. identify BTU
 2. show location of unit
 3. location of disconnect switch

ELECTRICAL:

- Show runs
- Indicate branch circuits
- Show location of panel box
- Specify amp service
- Identify wire sizes
- Mark GFCI locations
- Show smoke detectors and how they will be wired in

PLUMBING:

- Identify drain line size
- Specify vent size and location
- Show where the sewer line goes

*****NOTE PROPOSED USE OF THIS SPACE***

RETAINING WALLS

RETAINING WALLS

- Locate where retaining wall will be using site plan
- Detail thickness of wall, batter of wall
- Elevation of wall showing footer elevations and height of wall
- Elevation of existing and proposed grades

SITE PLAN:

- Indicate property lines
- Name adjacent streets
- Show proposed and existing structures
- Note setbacks around structure to property lines
- Show dimensions of structures
- Detail storm water discharge plan

DECK/PORCH/RAMP

DECKS/PORCHES:

- Show all dimensions of deck
- Show height of structure from ground up
- Provide lumber sizes for posts, joists, beams as well as spacing for each
- Show footing detail- location, size, depth, circumference and material/fill
- Give handrail height and spindle spacing(must be under 4")
- Show stair detail- include rise and tread of stairs
- Detail attachments- to house, joist to beams, rails to post
- Include its location on site plan with distances to property lines

RAMPS:

- Indicate location of ramp
- Give sizes of material
- Note any spacing and/or footing detail
- Show and detail attachments
- Detail rise/run

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DECK SPECIFICATIONS

BOLTING SYSTEM: _____

SIZE: _____

HEIGHT: _____

HANGERS: **YES:** _____ **NO:** _____

SUPPORTS: _____ **SIZE:** _____ **SPACING:** _____

JOIST SIZE: _____

DECKING SIZE: _____

SECTION R-214 HANDRAILS AND GUARDRAILS

R-311.5.6.1 Handrails: Handrails having minimum and maximum heights of 34 inches and 36 inches, respectively, measured vertically from the nosing of the treads, shall be provided on at least one side of stairways of three or more risers and shall be continuous the full length of the stairs and shall extend 6 inches beyond the top and bottom risers. Ends shall be returned or shall terminate in newel posts or safety terminals.

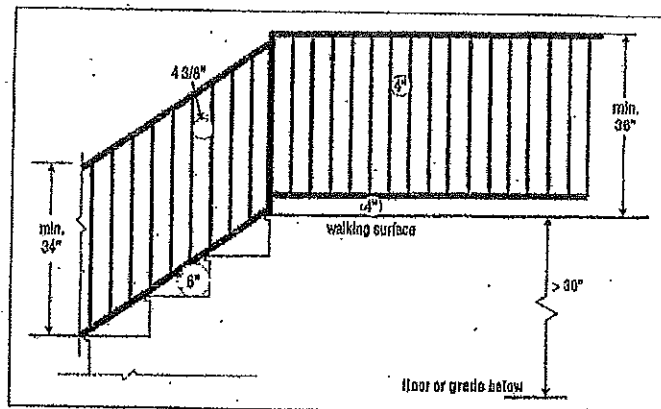
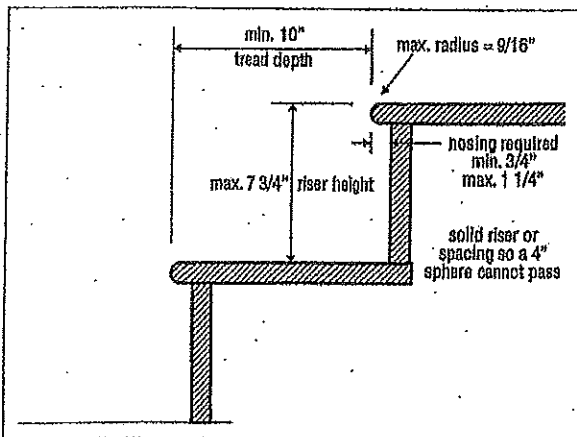
Open sides of stairs with a total rise of more than 30 inches above the floor or grade below shall have guardrails.

The handgrip portion of the handrails shall be not more than 2 inches in cross-sectional dimension, or the shape shall provide an equivalent gripping surface. The handgrip portion of handrails shall have a smooth surface with no sharp corners. Handrails projecting from a wall shall not have a space of not less than 1½ inches between the wall and the handrail.

R-312.1 Guardrails: Porches, balconies, or raised floor surfaces located more than 30 inches above the floor or grade below shall have guardrails not less than 36 inches in height.

Required guardrails on open sides of stairways, raised floor areas, balconies and porches shall have immediate rails or ornamental closures which will not allow passage of an object 4 inches or more in diameter.

APPLICANT _____



NEW CONSTRUCTION

*****Do Not Return This Form with Application- Please Supply Construction Documents*****

FOOTER:

- Size of rebar
- Number of rebar
- Depth and width of footer
- PSI of concrete
- Height of building to be constructed
- How will new footer tie into existing footer (additions/renovations)

FOUNDATION:

- Type of wall material
- Thickness of wall
- Amount/type of reinforcement

CRAWL SPACE:

- Ventilation detail
- Access opening to crawl space- give dimensions
- Height of crawl space
- Give detail/location of flood openings if in flood area
- List any mechanical, plumbing or electrical items to be in crawl space & give detail of their location, connection & installation specifications
- How will crawl space tie into existing foundation

WALLS:

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ROOF:

- Type- Truss or Rafters
 1. Truss- manufacturers specifications must be submitted
 2. Rafters
 - lumber size
 - lumber spacing
 - span
 - pitch
 - attachment
 1. location of attachments
 2. size of attachments
 3. how a new roof will tie into an existing roof(additions/renovations)
 3. type of roofing material- flashing, ice guard
 4. type and size of sheathing
 5. underlayment
 6. snow load and wind load

INTERIOR:

- All dimensions of rooms and proposed use of each room
- Window and door sizes
- Floor joist size and spacing
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DRIVEWAYS and PARKING:

- Dimensions of parking and/or driveway
- Locate where driveway and/or parking area will be
- Type of covering-note PSI of concrete if being used

RETAINING WALLS

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SITE PLAN:

- Indicate property lines
- List actual dimensions, size, square footage, and shape of the lot
- Name adjacent streets
- Show the location, square footage, and dimensions of the proposed and existing structures
- Indicate the location of the lot with respect to adjacent right-of-ways and easements
- Note setbacks around structure to property lines
- Show dimensions of structures
- Illustrate the height of the structure
- Record the location and dimensions of off-street parking and means of ingress and egress for such space
- Note the existing and proposed use of the structure and land
- Detail storm water discharge plan and erosion/sediment control plan

GRADING:

a) Minor Grading (less than 1,000 square feet)

- Note property lines and adjacent property information (including streets)
- Show existing contours and proposed finished grade
- Specify any slopes and nature of existing soils
- Detail existing and proposed structures
- Designate type/source of fill to be used if needed
- Storm water & erosion management plan
- Give plan for re-vegetation

b) Major Grading (more than 1,000 Square feet)

- Note property lines and adjacent property information (including streets)
- Show existing contours and proposed finished grade
- Show existing grade on adjoining properties
- Specify any slopes and nature of existing soils
- Detail existing and proposed structures
- Designate type/source of fill to be used if needed
- Storm water & erosion management plan
- Give plan for re-vegetation

- Must have Evidence of the application and approval from the West Virginia Department of Environmental Protection as follows:
 - i. For development(s) between 1 acre and less than 3 acres a Notice of Intent (NOI) Construction Stormwater WV/NPDES General Permit is required
 - ii. For development(s) 3 acres or more a WV/NPDES Permit is required

**Floodplain application may be required

** Geotechnical report may be required

** Registered Design Professional may be required

**Performance Bond may be required