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:

- 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

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
    - 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. location of gas shut off
- 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

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

- 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

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

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