

**TOWN OF MIDDLETOWN
GRADING PLAN CHECKLIST**

Standard Submission Requirements

- ☐ Completed checklist.
- ☐ One copy of all necessary calculations signed, sealed and certified by a DE PE/PLS
- ☐ One paper set of plans: 24"x36", signed, sealed and certified by a DE PE/PLS
- ☐ Digital copy (PDF) of all plans, calculations and forms included in the submission.
- ☐ Review fee
- ☐ Application

Index Sheet

- ☐ Title block – hundred, county, and state
- ☐ Owner/Developer – name, address, and phone number
- ☐ Engineer – name, address, and phone number
- ☐ Revision box
- ☐ Index of sheets
- ☐ Scale
- ☐ Date
- ☐ North arrow
- ☐ Location map
- ☐ Legend
- ☐ Town General Notes for Land Development Plans
- ☐ Town Certifications for Construction Plans

All other sheets

- ☐ North arrow
- ☐ Title block – hundred, county, and state
- ☐ Owner/Developer – name, address, and phone number
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- ☐ Revision box
- ☐ Scale
- ☐ Date
- ☐ Location map
- ☐ Legend
- ☐ Existing topo @ 1' intervals
- ☐ Proposed topo @ 1' intervals
- ☐ Spot shots: existing & proposed high and low points as necessary to illustrate drainage patterns
- ☐ Flow arrows as necessary to illustrate proposed drainage patterns
- ☐ Parcel boundaries
- ☐ Existing buildings and their use
- ☐ Proposed buildings and their F.F. elevations, corner elevations, basement elevations.
(Indicate if basement is to be sewered)
- ☐ Lowest sewered floor elevations must be at least 5' higher than the corresponding sewer lateral invert elevation.

- ___ Outside grade elevations at corners of all structures and at other locations as necessary to illustrate drainage patterns.
- ___ Sufficient demonstration of protective slopes around structures per BOCA Code and N.C.Co. Drainage Code.
- ___ Dimension building restriction lines
- ___ Delineate wetlands, floodplains, steep slopes, WRPA's and the extent of disturbance in these areas. (A buffer of an adequate width must be provided between the limits of grading and the extent of disturbance).
- ___ Delineate open space
- ___ Cross-sectional details of all proposed swales with construction specifications if not provided on stormwater management/drainage plans.
- ___ Limit of Disturbance
- ___ Match lines
- ___ Street centerline stations
- ___ Street station and elevation at high and low points
- ___ Proposed curbing
- ___ Proposed sidewalks
- ___ Proposed driveways
- ___ Proposed entrances
- ___ Proposed easements
- ___ Existing easements
- ___ Proposed water service
- ___ Proposed sanitary sewer
- ___ Proposed sanitary sewer clean-outs: invert elevations at main sewer line and at clean out(s)
- ___ Proposed storm sewer
- ___ Proposed manholes
- ___ Proposed catch basins
- ___ Proposed plugs and caps
- ___ Proposed sanitary sewer laterals (all laterals shall be 6" PVC with cleanouts located just outside the right-of-way line)
- ___ Directional arrows to indicate flow direction for sewer lines
- ___ Construction Details
- ___ Sanitary Sewer Lateral Data Table
- ___ Note: All site improvements including landscaping, permanent site stabilization, and permanent stormwater management facilities shall be in place and approved prior to issuance of certification of occupancy.