

## CITY OF MERIDEN

### NEW SITE PLAN REQUIREMENTS

#### General

- A. Initial submission shall be five (5), plans to the Planning Office. Upon approval by the City of Meriden Engineering Division, four, (4), final sets are to be provided to the Planning Office. These plans shall be signed and sealed by a Connecticut Licensed Professional Engineer or Surveyor, as appropriate. A digital copy of all submission plans and supporting documents shall also be provided.
- B. The following information shall be provided.
1. Site Plan shall be submitted on either 18" x 24" or 24" x 36" paper.
  2. Owner's name and street address of the site.
  3. Engineer's and/or Surveyor's name, address, and phone number.
  4. Map number, block number, and lot number.
  5. Class "A-2" survey. Coordinates and IP's set
  6. Lot area.
  7. North arrow.
  8. Scale, (1" = 10', 1" = 20', 1"=30' or 1"=40').
  9. Existing topography including ground elevations, curb lines, sidewalks, trees within the City of Meriden Right-of-Way, utility poles, (ownership and number), fire hydrants, utility vaults, etc.
  10. Proposed grading plan, including lot grading, driveway grading, and spot elevations where necessary.
  11. Proposed building layout, including building setback lines.
  12. Pedestrian egress from building to public way to be provided. ADA compliant route from HC accessible parking to building to be provided.
  13. A lighting/photometric plan.
  14. Proposed finished floor (and basement floor if any) elevations including each vertical grade change.
  15. Erosion and Sediment Control:
    - a. Construction entrance, (anti-tracking pad).
    - b. Hay bales/silt fence.
    - c. Temporary seed mixture.
    - d. Temp. Sediment basin or pond
    - e. Stockpile area
  16. City Standard Street Pavement Repair, Sidewalks and Curb Details.
  17. Designated wetlands and buffer.
  18. Horizontal datum shall be NAD83, vertical datum shall be NAVD88. Datum to be noted. No assumed datum.
  19. "City of Meriden General Notes" to be included on the plans.
  20. Retaining Wall Plans and calculations for walls over 30" in height.

### **Water**

1. Show size and location of existing water main. Note map reference.
2. Show layout of proposed lateral service.
  - a. Curb gate/box in grass area +/- 1' behind curb.
  - b. No connections into proposed garage or within driveway limits.
  - c. Minimum service size 1" Type "K" Copper.
  - d. Provide City Standard Trench Detail.
  - e. Water services over 100' in length will require a water meter pit.
  - f. One water meter per building unless otherwise approved.
3. Water lines shall have a minimum ten-foot horizontal separation from any sanitary sewer line or other water laterals. The City will grant an exception only if the physical constraints of the property restrict implementation of this requirement. The accepted alternative must comply with the latest ConnDPH requirements for separating distances between potable water and sewers. However, the City will not accept less than 18" of vertical separation between water and sewer and the water shall be at the higher elevation.
4. "City of Meriden Water Notes" to be included on the plans.

### **Sanitary Sewer**

1. Show size, type, and location of existing sanitary sewer main, including upstream/downstream manholes with top of frame and invert elevations. Note map reference.
2. Show layout of proposed lateral service, including clean-outs.
3. City Standard Lateral installation is 6" PVC, SDR 35, ASTM D-3034 with a 2% min. / 12% max. slope and a minimum of 3 feet of cover.
4. Provide City Standard Trench Detail and Connection Detail.
5. Show the lateral invert elevation at the building and at the main.
6. Show existing lateral/standpipe by station.
7. "City of Meriden Conceptual Approval Form" must be filled out by the Applicants consultant firm and returned to the Meriden Engineering Department. This form will be also be required for Engineering staff to determine water meter sizing.
8. "City of Meriden Sanitary Sewer Notes" to be included on the plans.
9. A backwater valve must be installed if any plumbing fixtures are below the top of the nearest upstream sanitary sewer manhole.

### **Storm Drainage**

1. A Stormwater Management Report shall be provided.
2. Layout and design details for the stormwater system shall be provided.
3. A Post Construction Stormwater Management Plan shall be provided. A copy shall be recorded in the City records by the applicant upon site plan approval.

### **Traffic**

1. Intersection Sight Distance (ISD) lines shown on plans.
2. Truck turning movements, including City of Meriden Fire truck, to be shown on plans.

**Miscellaneous**

1. Plans shall include a note indicating that existing curbing, sidewalks and pavement shall be repaired at no cost to the City should the owner/contractor damage these during the construction of the home.
2. A note stating that “All permits required by Engineering shall be secured in a timely manner to avoid unexpected delays and scheduling problems.”
3. Engineering Permits cannot be issued unless the Contractor has a valid CBYD at the time application for the Permit is made.
4. Contractors working in City right of way must obtain a License to Work and all applicable permit from Engineering Division.
5. Contractors performing sidewalk work within City right of way shall provide samples of work to Engineering, and must be approved prior to work.
6. Contractors working on City sanitary mains or laterals must provide a drain layers bond and obtain a permit from Engineering.
7. An As-Built map meeting City requirements to be submitted upon completion of construction.