

Canandaigua-Farmington Water & Sewer Districts

TOWN OF FARMINGTON

James E. Crane, Superintendent

1216 McMahon Road

Victor, New York 14564

A Note to Design Engineers:

Preparing Maps For Approval in the Town of Farmington

From: Farmington Water and Sewer and Highway Departments

Listed below is the Town of Farmington's required documentation on project maps being submitted to the Town for consideration and approval:

- 1 The Town of Farmington would like you to include in your notes on the project's plan the following **Material Specifications**. (See Attachment A)
- 2 The Town of Farmington would like you to include the attached **Notes** regarding the Storm Water Pollution Plans and its implementation. (See Attachment B)
- 3 Please include on your project's detail pages the Appendix pages that pertain to your project as highlighted in the Material Specifications (Attachment A). **These can be found at the back of the Site Design and Development Criteria manual which can be found under the Building Department's web page. See application forms, Design Criteria Part #1 and Part #2.**
- 4 Please include on your project's note pages the procedure for testing, sanitary sewer and water.

If you have any questions or require further information, please call Jack Henehan, Construction Inspector at the Water and Sewer Department (585) 924-3158 or email cfwdcs@rochester.rr.com .

SEE BELOW

MATERIAL SPECIFICATIONS

For more detail refer to Design and Development Criteria Book - Section 3 - Pages 32 through 41.

Sanitary Sewer (Main Line Sanitary Sewer)

- Mains - SDR-35
- Laterals - SDR-35
- Clean Outs - SDR-35 with iron top
- **No Glued Joints Allowed Underground**
- For sewers over 16 feet deep, use SDR-21 mains and laterals
- Trench Detail – Stone bedding (see **Appendix Y**)

Storm Sewer (Main Line Storm Sewer)

- Mains - HDPE N-12, **or** Corrugated steel coated inside and out, minimum 16 gauge
- Laterals - 6" SDR-35, Clean outs with Iron top, insert a tee connection to main.
- Catch Basin - Leads minimum 12" diameter (**see Appendix M**), cross-over pipes to be 12" perforated
- Catch Basin Frames and Grates – Shall be rectangular, galvanized ASTM A-123 New York State Department of Transportation size 9 – 24" x 24"
- Under Drains - Minimum 4" diameter perforated polyethylene
- Stone bedding required

Manholes See page 35 for detail and coatings, Sanitary Sewer see **Appendix F**

- Sanitary Sewer Frames and Covers - Neenah R-1726-A or Syracuse Casting 1009 with 24" opening. The word "**Sanitary**" shall be cast into the cover.
- **Storm Sewer Frames - Syracuse Casting 1009 or Neenah R-1723** with a minimum 24" opening
- Storm Sewer Manholes - **See Appendix O**

Water (Main Line Water)

- DIP - Class 52
- PVC - AWWA C-900 minimum Class 200 (DR-14) 6" wide metallic tape placed 18" about pipe
- HDPE - SDR-11 fusion weld, for directional bores under roads
- Fittings - AWWA C-111 minimum Class 250
- Gate Valves - AWWA C-509 resilient seat, open left (Mueller)
- Plug, Block and 2" Blow Off Detail - **See Appendix Q**
- Valve Box - 5 ¼" inside diameter. The word "Water" shall be on the cover.
- If the valves are buried deep, they must have an extension stem that can be reached with a 6' valve box key.

Water Service Material **See Appendix R**

- Corps - Mueller H-15008
- Curb Stops - Mueller H-15209
- Curb Box - Mueller H-10334 with stainless steel rod and key
- Pipe - Type K Copper
- CTS - PE-3408 200 psi, minimum ¾" with #10 tracer wire and sand bedding
- Meter Pits - Mueller or Ford, plastic with hole in cover for radio read
- Fire Hydrants - See page 37 (**Appendix P - Mueller Centurion A-423 or Kennedy Guardian**)

Roadways

- Concrete Gutter - 4000 psi - **See Appendix HH**
- Sub Base - **See Appendix A.A.** - Base Courses - #2 crusher run, #1 crusher run top 3"
- Bituminous Pavement:
Binder - Type 3 dense binder
Top - Type 7-F
- Tack Coat - New York State Department of Transportation - Section 407
- Under Drains - 4" polyethylene **are required**
- **Mirafi - Under road is required**

Monuments **See Appendix GG**

- 1 The monuments shall be shown on finished Plans.
- 2 Monuments shall be set as a minimum at all exterior corners of the subdivision, on one side of each street and at all changes of direction in the right-of-way.
- 3 Maximum Of 1,000 feet at one side of the right-of-way.
- 4 Monuments shall be set by a licensed land surveyor before the final Letter of Credit Release.

Concrete Sidewalks **See pages 59 through 60 Appendix KK**

Street Lights **See Appendix MM**

The Town's specifications for Street Lights are as follows:

Cooper Day Form 100 HPS Dark Sky Post Top Fixture 17' Tapered Black Pole,
100 HPD Mogul Base Lamp

Developer is to pay for initial lights and hardware installed by Livingston Lighting and Power.

Lighting District will be formed as residents will be assessed an annual operating cost by the Town.

Landscape Include Landscape and Tree Planting Details as approved by the Planning Board.

NOTESThe Town of Farmington requires the following notes to be added to Plans:

- 1 All improvements shall be in accordance with the most recent standards and specifications of the Town of Farmington.
- 2 A Storm Water Pollution Prevention Plan will be prepared for this site to conform with New York State Department of Environmental Conservation General Permit GP-02-01 and to the requirements of local authorities regarding the maintenance and control of storm water quantity and quality. The Pollution Prevention Plan will consist of the project plans. The Storm Water Management Plan, soil erosion and sedimentation control specifications regarding storm water control.
- 3 The owner will be responsible for implementing the required Storm Water Pollution Prevention Plan, including the filing of a “Notice of Intent” prior to construction start. The owner, his contractor, sub-contractors and all others associated with the implementation of this plan shall be familiar with and certify the plan and the conditions of the New York State Department of Environmental Conservation General Permit GP-02-01 for storm water discharges from construction activities.
- 4 Any modifications or deviations from the Storm Water Pollution Prevention Plan, including implementation of erosion control measures and storm water management areas, shall be documented by the owner with the engineer and the Town.
- 5 The owner shall be responsible for providing on-site inspections by a licensed professional of construction erosion control during construction. Inspections are to be provided a minimum of once a week. An inspection report log to be kept on-site by the owner. Reports to be forwarded to the Town’s engineering firm, MRB Group and the Town’s Inspector each month.
- 6 **Sequence** - The contractor shall install erosion control measures in the following sequence unless authorized otherwise at pre-construction meeting:
 - Install perimeter sediment controls, i.e. erosion fencing.
 - Install stabilized construction entrance.
 - Protect vegetation to remain.
 - Clear grub and construct diversionary swales and sediment basins.
 - Complete clearing and grubbing operation.
 - Strip topsoil and place erosion control measures at topsoil stockpiles.
 - Construct swales and siltation devices as earthwork operations progress.
 - Maintain erosion control measures and place additional measures as earthwork and underground utilities are constructed.
 - Restore areas as defined in number 7 timetable.
 - Remove erosion control measures as areas are reestablished with ground cover, and as approved by the Town’s Inspector.
 - If site preparations occur between September 1 and March 31, additional erosion controls must be taken including reducing the size of disturbed areas and placing heavy straw mulch where practical as directed by the Town’s Inspector.

7 Map should include re-seeding instructions including materials and timetable for various seeding.

- Seed all cut and fill, topsoil piles and ponds within 14 days after completion.
- Grade and seed pipe disturbed areas not in right-of-way within 14 days after completion.
- Topsoil and seed right-of-way and utility easements within 14 days of completion by Rochester Gas and Electric.
- Temporary seeding of disturbed areas shall be provided as follows:

The surface two inches of soil should be loosened by disking, raking, or back-blading with a bulldozer. Immediately fertilize with 300 pounds per acre (or 7 ponds per 1,000 square feet) of 10-10-10 fertilizer. Immediately seed with the following mix:

	<u>LBS/ACRE</u>	<u>LBS/1,000 SQ Feet</u>
Annual Ryegrass	40	1
Perennial Ryegrass	40	1
Oats	40	1
White Cover (+ inoculant)	4	0.1

Seed should have a germination rate of at least 85 percent and minimal inert material.

Disturbed areas shall be stabilized using **permanent lawn seeding mix** upon completion of grading and construction:

	<u>LBS/ACRE</u>	<u>% BY PURITY</u>	<u>% GERM</u>
‘Pennfine’ Perennial Rye Grass	35	85	85
‘Pennlawn’ Red Fescue	35	97	80
‘Baron’ and ‘Midnight’ Kentucky Bluegrass	30	85	80

Seeding Rate: 6.0 pounds per 1,000 square feet

Mulch: Straw or wood fiber mulch used with a hydro seeding method at two tons per acre with tackifier

Starting Fertilizer: 5:10:10 at 20 pounds per 1,000 square feet

- For fall or early winter, seed with certified “aroostock” winter rye (cereal rye) at 100 pounds per acre.
- Permanent stabilization for steep slopes greater than 3:1 shall include Jute Mesh blanket and Crown Vetch seed with perennial ryegrass.

8 The contractor shall locate, mark, safeguard and preserve all survey control monuments and right-of-way monuments in the areas of construction.

Attachment B

- 9 Existing underground utilities shown herein were plotted from field locations and/or utility company records plans. Prior to any construction, the contractor shall call the Dig Safely New York (UFPO) hotline at 1-800-962-7962 for stakeout of existing utilities. The contractor shall determine exact location and elevation of underground utilities before commencing construction. Contractor shall make exploration excavations to locate existing underground facilities sufficiently ahead of construction to permit revisions as required to meet the existing conditions.
- 10 Dust shall be controlled during construction by the contractor to minimize effect on the adjacent properties. The contractor shall implement dust control measures as needed and/or as directed by the Town of Farmington.
- 11 The owner's contractor shall be responsible for the establishment, maintenance, cleaning, repair and replacement of erosion control measures during site construction, and until a notice of termination of permit has been accepted by DEC.**