

CITY OF GROTON
DEPARTMENT OF UTILITIES – WATER DIVISION
SITE PLAN REVIEW SHEET

Title of Plan: Colonel Ledyard Highway – Multi-Use Pathway Latest Revision Date: October 22'

Location Colonel Ledyard Highway & Gallup Hill Rd W.I.P. #

Engineer Weston & Sampson Phone # 860-513-1473

Reviewed By D. Lafontaine & M. Duarte Date of Review 5/12/23

<u>Check for the Following:</u>		<u>Notes Required on Plan</u>	
		Yes	No
1.	Note - All water main and service installations shall conform to the City of Groton, Department of Utilities, Water Main and Service Construction Specifications, with most current revisions.	x_____	_____
2.	Note - Approved backflow preventers are required on all fire sprinkler and domestic water lines.	_____	x_____
3.	Note - Remote water meter read box required.	_____	x_____
4.	Size of water mains and services and note indicating minimum cover shall be 4' – 6" from finish grade.	x_____	_____
5.	Pipe separations - 10' min between water and sewer 10' min between water and buildings 5' min between water and catch basins or drain pipes.	x_____	_____
6.	Site must be at subgrade before water utilities can be installed.	x_____	_____
7.	Valve locations - All branch line valves to be located as close as possible to main lines.	x_____	_____
8.	Engineer should provide flow calculations to confirm hydrant flow and domestic flow requirements (meter size).	_____	x_____
9.	Architectural plans showing utility room locations and entry point of water service.	_____	x_____
10.	Meter location inside building or meter pit.	_____	x_____
11.	Comments: Plans APPROVED with CONDITIONS. Final Approved plans should address comments on page #2 of this review.		

11. Comments: (Continued)

1. Existing curb-boxes will require height adjustments depending on grade changes and/or relocated as required. Groton Utilities (GU) Project Management Staff to observe/inspect all field work.
2. All water main and service pipe crossings at new sewer and drainage pipes are to be per Groton Utilities (GU) Specifications Technical Spec. Drawing #5
3. Provide the following GU Water Standards – Technical Drawings on Detail Sheets of the drawing set:
 - a. Drawing #1 – Gate Box Detail
 - b. Drawing #2 – Gate Valve Connection Detail
 - c. Drawing #3 – Tapping Sleeve & Valve Detail
 - d. Drawing #4 – Thrust Block Details
 - e. Drawing #5 – Sewer & Drainage Crossing Detail
 - f. Drawing #6 – Hydrant & Valve Assembly
 - g. Drawing #7 – Brass Wedge Detail
 - h. Drawing # 11 – REV. Typical 1” Service Detail
 - i. Drawing #20 – REV. Typical Trench Detail
4. Note: All hydrant relocations to be confirmed with Ledyard Fire Marshall.
5. Note: All hydrants to be relocated/installed per GU Specifications and Standards and are to be min. of 24” behind curb. GU representative to inspect all work.
6. Note: All Water Service Interruptions / Scheduled Shutdowns are to be coordinated with GU Project Management.
7. Note: Valves and Service Curb Stops are to be operated by GU staff only.
8. Sheet HWY-03: Hyd. #209 @ Town Greene Drive to be relocated to be closer to edge of road and on the south edge of the new bike path. OK by GU.
9. Sheet HWY-04: Hyd. #208 @ Fairway Drive to be relocated to be closer to edge of road and on south edge of new path and moved to the east to be further away from Fairway Drive radius in order to keep large vehicles from hitting the hydrant when turning right onto Fairway Drive.
10. Sheet HWY-04: Hyd. #206 @ Colby Drive near Parke’s Place restaurant. Proposed relocation to west side of Colby Drive at intersection of Colonel Ledyard Highway. OK by GU.
11. Sheet HWY-07: Hyd. #202 at the relocated intersection of Gallup Hill Rd & Colonel Ledyard Hwy to be located behind new curbing. OK by GU.
12. Sheet HWY-07: Hyd. #201 near the high school exit to be relocated to be closer to curb-line in order to avoid proposed bike rack location. OK by GU.