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**TOWN OF NEWBURGH
PLANNING BOARD
REVIEW COMMENTS**

PROJECT: PARKE LANE
PROJECT NO.: 12-13
PROJECT LOCATION: SECTION 97 , BLOCK 1 , LOT 6 and others
PROJECT REPRESENTATIVE: DOMINICK CORDISCO
REVIEW DATE: 17 SEPTEMBER 2012
MEETING DATE: 20 SEPTEMBER 2012

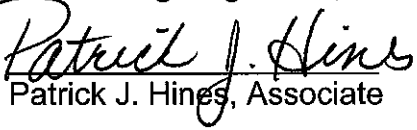
1. Additional infiltration testing should be provided in the Stormwater Management Infiltration Basin.
2. Additional technical comments regarding the Stormwater Management Report have been provided to the applicant via email.
3. Standard notes for connection to the Town's water and sewer system must be provided on the plans. Copies of the standard notes are attached.
4. City of Newburgh Flow Acceptance letter is required.
5. General Note No. 4 on Sheet SP-5 identifies potentially using ductile iron sewer lines. This note should be clarified.
6. Connection to existing sanitary manhole A-1 must be via core drilling of the manhole in compliance with Town's specifications.
7. Future submissions should contain sewer, water and drainage profiles as appropriate.
8. NYSDOT curb has been identified, where this will be used should be noted on the plans, otherwise Belgian block curb is proposed throughout the project.
9. Health Department approval for watermain extension is required.
10. Headwall detail and details of the box culvert should be included in final plan set.
11. The applicant's representative are requested to evaluate fencing of the stormwater management facilities as infiltration basin will fill with water for an extended period of time.

REGIONAL OFFICES

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Respectfully submitted,

**McGoey, Hauser & Edsall
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Patrick J. Hines, Associate

TOWN SEWER SYSTEM NOTES

1. Construction of sanitary sewer facilities and connection to the Town of Newburgh sanitary sewer system requires a permit from the Town of Newburgh Sewer Department. All construction shall conform to the requirements of the NYSDEC and the Town of Newburgh.
2. All sewer pipe installation shall be subject to inspection by the Town of Newburgh Sewer Department. The Contractor shall be responsible for coordinating all inspections as required with the Town of Newburgh Sewer Department.
3. All gravity sanitary sewer service lines shall be 4 inches in diameter or larger and shall be SDR-35 PVC pipe conforming to ASTM D-3034-89. Joints shall be push-on with elastomeric ring gasket conforming ASTM D-3212. Fittings shall be as manufactured by the pipe supplier or equal and shall have a bell and spigot configuration compatible with the pipe.
4. The sewer main shall be tested in accordance with Town of Newburgh requirements. All testing shall be coordinated with the Town of Newburgh Sewer Department.

WATER SYSTEM NOTES

1. Construction of potable water utilities and connection to the Town of Newburgh water system requires a permit from the Town of Newburgh Water Department. All requirements shall conform to the requirements of the New York State Department of Health and the Town of Newburgh.
2. All water service lines four (4) inches and larger in diameter shall be cement lined, class 52, ductile iron pipe conforming to ANSI/AWWA C151/A21.51-91 or later revision for ductile iron pipe joints shall be either push-on or mechanical joint as required.
3. Thrust restraint of the pipe shall be through the use of joint restraint. Thrust blocks are not acceptable. Joint restraint shall be through the use of mechanical joint pipe with retainer glands. All fittings and valves shall also be installed with retainer glands for joint restraint. Retainer glands shall be EBBA iron megalug series 1100 or approved equal. The use of a manufactured restrained joint pipe is acceptable with prior approval of the Water Department.
4. All fittings shall be cast iron or ductile iron, mechanical joint, class 250 and conform to ANSI/AWWA C110/A21.10-87 or latest revision for ductile and gray iron fittings or ANSI/AWA C153/A21.53-94 for latest revision for ductile iron compact fittings.
5. All valves shall be resilient wedge, mechanical joint gate valves conforming to ANSI/AWWA C509 or latest revision such as Mueller A-2360-23 or approved equal. All gate valves shall open left (counter clock wise).
6. Tapping sleeve shall be mechanical joint such as Mueller H-615 or equal. Tapping valve shall be resilient wedge gate valves conforming to ANSI/AWWA C509 such as Mueller Model T-2360-19 or approved equal. All tapping sleeves and valves shall be tested to 150 PS1 minimum; testing of the tapping sleeve and valve must be witnessed and accepted by the Town of Newburgh Water Department prior to cutting into the pipe.
7. All water service lines two (2) inches in diameter and smaller shall be Type K copper tubing. Corporation stops shall be Mueller H-15020 for ¾ and 1 inch, Mueller H-15000 or B-25000 for 1 ½ or 2 inch sizes. Curb valves shall be Mueller H-1501-2 for ¾ and 1 inch and Mueller B-25204 for 1 ½ and 2 inch sizes. Curb boxes shall be Mueller H-10312 for ¾ and 1 inch and Mueller H-10310 for 1 ½ and 2 inch sizes.
8. All pipe installation shall be subject to inspection by the Town of Newburgh Water Department. The contractor shall be responsible for coordinating all inspections as required with the Town of Newburgh Water Department.
9. The water main shall be tested, disinfected and flushed in accordance with the Town of Newburgh requirements. All testing, disinfection and flushing shall be coordinated with the Town of Newburgh Water Department. Prior to putting the water main in service, satisfactory sanitary results from a certified lab must be submitted to the Town of Newburgh Water Department. The test samples must be collected by a representative of the testing laboratory and witnessed by the Water Department.
10. Thrust restraint shall be provided by the rods and retainer glands. The length of restrained pipe shall be determined based upon working pressures, soil conditions and depth of bury according to DIPPA standards.
11. Pressure and leakage tests are required and shall be done in accordance with AWWA C-600 standards.
12. Disinfection of all new work shall be done in accordance with AWWA C-651 – year of latest revision standards.
13. All water mains shall be 8", Class 52, ductile iron pipe unless otherwise noted.