



39 Cascade Drive / Rochester, NY 14614 / Phone (585) 458-7770

October 31, 2016

Mr. John Braun
Ontario County Department of Public Works
2962 County Road 48
Canandaigua NY 14424

Re: Response to DPW Comments
Lakewood Meadows – Section 9B
Town of Canandaigua, County of Ontario

Dear John,

On behalf of our clients, Morrell Builders, we are submitting this letter, and revised plans, to address each comment received from the Ontario County Department of Public Works.

DPW COMMENTS 10/24/2016

UTILITY PLAN - SHEET 1

1. *The grades listed in the Sanitary Structure Table do not match the pipe notations shown on the plan.*

The plans have been revised as requested.

UTILITY PLAN - SHEET 2

2. *Verify that the existing inverts of the two existing tie-in manholes (SA-EX2.1 & SA- EX5) are actual as-built elevations and not the original design invert elevations.*

The plans have been updated with the as-built elevations.

3. *Realign the sewer or add a manhole between SA-2.3 & SA-2.4 so that the distance between manholes does not exceed 300 feet.*

A manhole has been added as requested.

4. *Provide a Storm & Sanitary Structure Table.*

The tables have been added to the plans.

Going the distance for you.

5. *Provided the sewer main-to-face of building distance is not more than 90', the only cleanout necessary is one adjacent to the outside face of the structure (the lateral for Lot 926 will require a second cleanout upstream of the bend).*

The extraneous cleanouts have been removed from the plans.

6. *The invert elevation of the cleanout for Lot 933 is approximately six inches low.*

The inert elevation has been adjusted.

7. *Fix the typos in note numbers 4 & 5.*

The notes have been updated.

PROFILE - ST. JAMES PARKWAY

8. *Based on the rim and invert elevations shown, manholes SA-6, SA-12 & SA-12.1 are all over fourteen feet in depth, and are therefore required to be 5' in diameter.*

Manholes over 14 feet in depth have been updated to 5' diameter.

PROFILE - WOODVINE RISE

9. *Revise the designation of the existing/tie-in manhole to be SA-EX2.I to match the Plan.*

The plans have been revised as requested.

10. *Based on the rim and invert elevations shown, manholes SA-2.1, SA-2.2, SA-2.3 & SA-2.5 are all over fourteen feet in depth, and are therefore required to be 5' in diameter.*

Manholes over 14 feet in depth have been updated to 5' diameter.

11. *Consider designing the sanitary sewer with a minimum grade of 0.6% as opposed to 0.4%. Doing so would allow easier installation (and correction if necessary), provide better flows, and eliminate the need for the manholes to be 5' diameter.*

The sewer has been revised to utilize a 0.6% minimum grade.

CONSTRUCTION DETAILS

12. *Replace the Sanitary Sewer Manhole Detail and Notes with the recently revised detail and notes provided.*

The detail has been replaced.

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13. Based on the approximate cleanout invert elevations shown on the Plan, it appears that lateral risers are not being installed - please remove the Sanitary Sewer Lateral Riser Detail.

The detail has been removed.

14. Remove the New Lateral Connection to Existing Sewer Main detail, as it only applies to cutting in new laterals to an existing sewer main.

The detail has been removed.

Please do not hesitate to contact our office with any questions or to discuss any issues.

Respectfully submitted,



Richard Tiede
Marathon Engineering

cc: Doug Finch, Director of Development, Town of Canandaigua
Lance Brabant, MRB Group
Scott Morrell, Morrell Builders