



# Ontario County Public Works

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HIGHWAYS ~ ENGINEERING ~ WASTEWATER SYSTEMS & SEWERS ~ BUILDINGS & GROUNDS ~ PARKS ~ PUBLIC WORKS FINANCE

July 18, 2018

Brennan A. Marks, P.E.  
Marks Engineering  
42 Beeman Street  
Canandaigua, New York 14424

Re: Star Cider  
3365 State Route 364  
Canandaigua, NY

Dear Mr. Marks:

We are in receipt of the Final Site Plan for the above referenced project having a latest revision date of June 22, 2018.

The following is a list of comments that need to be addressed and satisfied before a permit will be issued by the Canandaigua Lake County Sewer District:

## GENERAL

1. Permit required for connection.
2. Provide the following information with your application:
  - anticipated average total water usage per day
  - average water usage for manufacturing process per day
  - anticipated average total wastewater volume generated per day
  - average process wastewater volume generated per day
  - average daily peak process wastewater flow rates, including daily, monthly, and seasonal variations, if any
  - process wastewater constituents and characteristics, including but not limited to: average concentration of BOD<sub>5</sub>, TSS and ammonia; temperature and pH
  - time and duration of process discharge

## UTILITY PLAN

3. Connection of new 6" building sewer to existing 4" street lateral is not permissible. Provide new building sewer connection to sewer main; building sewer shall be sized for anticipated peak flow rate but shall not be less than 6".
4. All work within the right-of-way must be authorized under a Section 136 County Highway Work Permit.
5. Show distance from new lateral connection on the main to center of nearest manhole.
6. Control manhole shall be located on the property, in the lateral that receives only process wastewater.
7. Control manhole shall be in a location that is safely, readily and independently accessible to District personnel, where manhole entrance cannot be blocked by parked vehicles, landscaping or other activities.

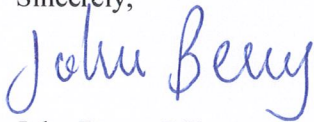
8. Wye branch for sanitary line must be located downstream of control manhole or provide a separate sanitary lateral and connection at the main.
9. Control manhole invert shall be straight and shall have a minimum of 25 pipe diameters of straight pipe upstream of manhole.
10. Slope of lateral upstream of control manhole shall not exceed 2%.
11. Label control manhole rim and invert elevations.
12. Provide detail drawings of control manhole.
13. Utility Plan calls out 1000 gallon precast equalization/pretreatment tank, however septic tank detail is for a 1500 gallon tank. Please clarify.
14. Pretreatment tank(s) shall not be located directly in path of delivery truck movements as shown. Regardless if tank is traffic-rated, repetitive traffic loading can loosen risers, frames and covers over time resulting in infiltration and/or inflow.
15. Label length and slope of lateral from main to control manhole, from control manhole to pretreatment unit(s), and from pretreatment unit to building;
16. Label length and slope of sanitary line.
17. Show invert elevations of laterals (process and sanitary) at building.
18. Minimum cover over lateral between pretreatment unit and building shall be 36".
19. You will need to redesign the storm drain that crosses under the sewer laterals so that the top of the drain pipe is below the bottom of the lateral trenches.
20. Revise pretreatment unit location, inv. in/out, and rim elevations per comments 14 and 18.

#### GRADING PLAN

21. Pipe Bedding Details for Water, Sanitary And Storm Lines are not approved for sanitary sewers. Please provide clarification. Refer to Sanitary Sewer Main And Lateral Trench & Bedding Detail on Sheet C503.

Please make revisions and resubmit to our office. If you have any questions I may be reached at (585) 396-4000.

Sincerely,



John Berry, P.E.

Deputy Commissioner of Public Works

cc: Don Havens, Supervisor, Canandaigua Lake County Sewer District  
Doug Finch, Town Manager, Town of Canandaigua (via email)