

June 22, 2023

Willetta Capelle, P.E.
Transportation, Traffic & Parking Department
City of Stamford
888 Washington Boulevard
Stamford, CT 06901

**RE: 589 Bedford Street,
Letter addressing comments submitted by the Engineering Bureau**

Dear Ms. Capelle,

Enclosed please find revised materials for the proposed development at the address mentioned above:

- Letter to Willetta Capelle, P.E., dated June 22, 2023.
- Drainage Analysis, dated March 08, 2023.
- HydroCAD Report, dated March 08, 2023.
- Site Development Plan, dated March 08, 2023, revised June 22, 2023.

This is a follow up response to the comments issued on May 31, 2023, about the Site Development Plan for a Multi-Family residential complex dated March 08, 2023, revised March 31, 2023, and further described in the Drainage Analysis. In response to the comments:

- 1) A drainage report has been provided for your review.
- 2) The applicant has been made aware that the pavement restoration limit will be determined by the City of Stamford personnel at the site.
- 3) The project applicant will address this comment.
- 4) The project applicant has been made aware that the City of Stamford reserves the right to enforce special requirements for deep excavations and shoring within the City Right of Way.
- 5) The project applicant will address this comment.
- 6) The project applicant will address this comment.
- 7) The project applicant will address this comment.
- 8) The sidewalk has been shown across the driveway on the updated "Zoning Layout Plan".
- 9) Straight transitions lines have been depicted on both sides of the driveway in lieu of radii.
- 10) The Driveway Cross-Section detail has been amended to remove the curb along the entrance driveway.
- 11) The Driveway Cross-Section detail has been amended to show the property line and propose no disturbance to the existing grade on the neighboring property.
- 12) The 8" dimension on the sidewalk detail has been amended to depict the concrete thickness.
- 13) A note to remove the existing concrete pad at the front of the property has been added.
- 14) The storm pipes have been amended to consistently be called out as Schedule 40.
- 15) The pipe length callouts have been amended to call out the correct lengths.
- 16) Additional pipe length and type callouts have been added to the pipes in and out of all junction boxes.



- 17) Additional top and bottom of wall callouts have been added to the ends and corners of the northern and southern retaining walls.
- 18) The outlet pipe to the manhole in Bedford Street has been called out as 8" diameter on the "Grading & Drainage Plan" and the associated detail.
- 19) The weir and orifice elevations come pre-installed in the unit by Vortech and have been specifically designed to allow for up to 1.6 cfs of design flow for stormwater treatment. The flow from 1" of rainfall directed to the Vortech unit is 0.09 cfs, well below the threshold for stormwater treatment to the Vortech. The Vortech specifications sheet has been attached to this letter for your review.
- 20) The elevation of the top of units has been added to the callout for the 24" High Precast Concrete Galleries.
- 21) PVC elbows have been added to the outlet pipes for Junction Box #2 & Junction Box #3.
- 22) The 6" minimum dimension has been removed from the junction box details.
- 23) The callout on Junction Box #3 has been amended to refer to Junction Box #2 in lieu of a catch basin.
- 24) The note to scarify the soil below the drainage system has been removed from the junction box details.
- 25) The junction box details have been amended to replace "area drain" with "structure" in the notes.
- 26) The junction box details have been amended to replace "overflow yard drain" with "structure" on note 2.
- 27) The Drainage System Maintenance List has been amended to reference PVC in lieu of HDPE.
- 28) The telecommunication service line has been depicted on the "Utility Layout Plan".
- 29) The proposed water service line has been relocated to use the existing water valve at the front of the property on the "Utility Layout Plan".
- 30) Note 6 of the Permanent Trench Repair detail has been amended to refer to Bedford Street.
- 31) The Typical Trench Section Sanitary Sewer detail has a note referring to CT DOT Form 818 and the appropriate article.
- 32) The tracking pad has been amended to not encroach into the City Right of Way.
- 33) The construction fence gates have been amended to swing into the property and not onto the sidewalk.
- 34) The Vortech unit detail has been amended to add the manufacturer's installation specifications.
- 35) The cover sheet has been revised to refer to the "Property and Topographic Survey" that was used as the drawing base. Note #1 of the General notes on the "Sediment & Erosion Controls Plan" reference the same survey as the drawing base.
- 36) We understand that the Engineering Bureau reserves the right to make additional comments.

Please feel free to contact me directly with any questions or comments.

Sincerely,

Jim Kousidis, P.E.,
CT Lic. #26830