



August 25, 2020

Mr. Stephen Chorney
Community Gardens, LLC
2 Clarke Street
Sharon, MA 02067

**RE: PROPOSED CULTIVATION FACILITY
500 SCHOOL STREET, MANSFIELD, MA**

Dear Steve:

As requested, Bayside Engineering, Inc. (Bayside) has reviewed the sight lines from the proposed site driveway to School Street as they may be impacted by the proposed fence to be constructed along the School Street side of the property. Sight distance measurements were performed at the proposed site driveway intersection with School Street in accordance with Massachusetts Department of Transportation (MassDOT) and American Association of State Highway and Transportation Officials (AASHTO) standards and contained in the Traffic Impact and Access Study (TIAS) prepared for the project. Stopping sight distance (SSD) is the distance required by a vehicle traveling at the design speed of a roadway, on wet pavement, to stop prior to striking an object in its travel path. Intersection sight distance (ISD) is the sight distance required by a driver entering or crossing an intersecting roadway, to perceive an on-coming vehicle and safely complete a turning or crossing maneuver with on-coming traffic.

The TIAS indicated that the SSD and ISD measurements performed at the School Street intersection with proposed site driveway indicate that the intersection exceeds the recommended minimum requirements based on the 85th observed percentile speeds. The TIAS recommended that any landscaping or sidewalk features should be set back to maintain sight lines. It was also recommended that a sight distance triangle be established along the site frontage, in both directions from a point fifteen (15) back of the edge of traveled way at the site driveway and extending to each of the corners of the site along School Street. Within this triangle, any existing vegetation should be cut-back and any plantings be designed to be low growth plantings so as to not impede sight lines. The proposed fence is located approximately twenty-five (25) from the edge of the School Street traveled way and as such, will not be in this sight triangle and will not impede sight lines for vehicles exiting the site.

If you have any questions, feel free to give me a call.

Sincerely,

BAYSIDE ENGINEERING, INC.


Kenneth P. Cram, P.E.
Director, Traffic Engineering