



CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS

January 21, 2022

Mr. Jason Rosell
Engineering Manager, Planning & Development Services
Charter Township of West Bloomfield
4550 Walnut Lake Road
West Bloomfield, Michigan 48323

**RE: Hechtman Dining Room– Engineering Review #1
6690 W. Maple Road (18-29-402-003)
SE ¼ of Section 29, T2N, R9E**

WBT No. PENG21 - 0013
DLZ No. 2145-7266-17
NFE No. D133-01

Thank you for the review of the Hechtman Dining Room civil plans. Below are responses to the review letter prepared by DLZ dated January 4, 2022.

General

1. Legal description will be added to the Fusco, Shaffer & Pappas cover sheet for future submittals.

Utilities

2. Existing utility material and diameters have been added on sheet C2.
3. Mainline sanitary has been changed to SDR 26. Sheet C5.
4. Sewer lead connection has been revised to 8" diameter. Sheet C5.

Paving

5. Sidewalk detail revised on sheet C4.

Storm and Drainage

6. Proposed storm sewer easement added to sheet C4 and C2.
7. OCWRC responded on their interest in designating the on site storm as a county drain in an email that Brian Bachler (DLZ) has been copied on. OCWRC does not wish to designate the storm as a county drain.
8. Storm sewer profiles have been revised.

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9. All catch basins have 2 foot deep sumps. Sheet C5 & C6.
10. 12” storm pipe materials have been changed to concrete. End section will be a standard concrete end section. Sheet C5.
11. Contech details and calculations have been revised on sheet C10.
12. Mannings number for pvc changed to 0.009. Sheet C5.
13. Storm sewer calculation table has been revised. Sheet C5.
14. Revised storm system to be concrete pipe and structures with EJIW frames and grates. Sheet C5.