



Interlaken Engineering and Design, PLLC  
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1. Will you need a sewage pump for the fixtures on the lower floor?

*Yes, the basement floor fixtures will require a sewage pump*

2. Indicate on the plan the driveway pavement type on private property and within ROW. Concrete and pavers are not allowed within City ROW.

*The plans have been updated to indicate concrete on private property and asphalt within the ROW*

3. The new driveway is shifting to the east of the existing location. The existing curbs must be extended/cut to match the new driveway location. Provide design and note stating the sidewalk/curb/gutter removal and restoration must be from joint to joint.

*The proposed design and note has been added to the plans*

4. The storm outfall to the City storm system must connect to a new/existing CB. If new, specify the structure/lid size/type, rim, and inverts.

*A new type 1 catch basin is proposed. The rim, inverts and lid size have been specified on the plans as requested.*

5. Provide design showing driveway area draining to the storm structure and specify an oil/water separator such as a tee or down-turned elbow.

*The driveway will be collected by a trench drain and routed to a pump chamber with a downturned elbow.*

6. Fire requires a 13d sprinkler system which will need a 1" water service line, 1" water meter, and a 1.25" water supply line per standard W-13 - please show these on the plan. Show the new water meter here - 30' west of existing CB @ SW corner of intersection, 2' south of gas main. Water service line will tap into water main along SE 37th St.

*New water line and meter have shown in requested location*

7. Provide grading design such as showing the final contours, spot elevations, slope arrows, percent slope around the building and driveways to clarify how these areas will drain and to show sufficient storm pipe coverage (18" minimum cover over existing concrete storm main).

*Grading and slope arrows have been provided for clarification*

8. Side sewer design not shown. Please provide complete side sewer design and details including cleanout locations, IE's at the building point of connection and existing tie-in point of connection, pipe type/size/slope, etc.

*Side sewer design and details have been shown on the site plan*

9. Show footing drain layout from the point of connection at the building to the downstream point of connection. Provide their respective IEs, pipe type/size/slope.

*Footing drains will be connected to a pump chamber and pumped up to point of connection with new proposed catch basin. Pumped flows will gravity flow for 10' prior to entering the mainline.*

10. Match site layouts between civil and arch drawings and update hard surface/impervious surface table and report as needed. Architectural drawings show a walkway from the front porch to the eastern driveway; a driveway curb cut along 77th Pl SE; a wall by the northern driveway.

*Civil and arch drawings have been updated to match as requested.*



11. Driveway access is allowable on either street frontage - but only one access allowed. Comments surrounding northern driveway access apply here if this is the desired access point. If east access is desired, the curb on the north side shall be extended from joint to joint to fill the existing cut. *Plans have been adjusted to show driveway access from northern driveway. There will be no curb cuts along eastern property line.*