

Tami Vidmar

From: Jacob Busiahn
Sent: Wednesday, May 24, 2017 4:15 PM
To: Ryan Halverson; Kyle Sobota
Cc: Tami Vidmar
Subject: West Vierling Apts - Staff Review
Attachments: Landscaping Requirements and Tree Preservation Regulations.docx; Staff Review-signed.pdf

Kyle, Ryan,

I have no comments to be recorded on the FP for this project. I do have some general comments to pass onto them though. See below.

- Based on the impervious area provided on C3.1 (3.04 ac) there is 89,422 sf of impervious beyond the building pad. They calculate landscaping using 50,560 sf on L1.0. Even with these changes their proposed landscaping is exceeding our requirements.
 - Calculated minimum landscaping required for this site is:
 - 71 trees
 - 48 shrubs
- There final landscape plan will need to meet our diversity requirements of a max of 10% of one species, 20% of one genus, and 30% of one family.
- Notes/specs on the attached document will need to be on final building plans.

Let me know if you have any questions. Thanks



Jacob Busiahn

Natural Resources Technician | ISA Certified Arborist MN-4552A
Public Works Department, 500 Gorman St., Shakopee MN 55379
(952) 233-9371 | jbusiahn@ShakopeeMN.gov | www.ShakopeeMN.gov

City of Shakopee

Landscaping Requirements and Tree Preservation Regulations **(For commercial/industrial properties only)**

When building on or developing a site, the City of Shakopee has two ordinances which work together to preserve existing trees and establish new landscaping.

All sites must meet the Landscaping Requirements found in City Code 151.112

Sites within the Natural Resources Corridor* and having existing trees must follow the Tree Preservation Regulations found in City Code 151.113.

*Are you within the Natural Resources Corridor?

*If you are **not** located within the Natural Resources Corridor, the Tree Preservation Regulations do not apply.*

Landscaping Financial Security:

A landscaping financial security shall be provided in accordance with City Code Sec. 151.112 & 151.113. Up to 75% of the financial security may be returned upon inspection and acceptance by the City of installed landscaping and upon the submittal of a City approved two year warranty from the landscape contractor. This warranty must cover plant health issues relating to excess or insufficient water. The remaining financial security will be held by the City for two years.

Landscaping Plan

Landscaping Plan Requirements:

- The landscape plan must show the location of and identify any hardscape, easements, right-of-ways, constructions limits, silt/tree protection fence, existing trees, and landscaping to be installed.
- Tree species such as maple, spruce, and ash shall not be counted towards the City's required trees. This is due to either the high density in our urban forest or threat of insect and disease. A recommended list of species is below.
- The plant schedule must display quantity, stock type, and species.
- The amount of City required landscaping for the site and amount being proposed.
 - SF of Gross Building Area
 - SF of impervious surface beyond building pad
- No trees shall be planted within easements or right of ways without permission from the City's Engineering, Natural Resources Department, and Shakopee Public Utilities.



Recommended trees
for Shakopee.xlsx



Recommended trees
for Shakopee.pdf

Notes required on the landscaping plan:

- Soil compaction for all non-structural landscaped areas (including landscaping islands) shall be between 75%-80% of Standard Proctor or not to exceed 300 PSI for a minimum of the top 18" of soil. Compaction samples are to be taken after final grading of the site is complete. They are to be submitted and approved by the City of Shakopee's Natural Resources Dept. before installation of landscaping begins. Samples shall be randomly taken with even coverage of all landscaped areas. Submit sample results to the Shakopee Natural Resources Dept.-
JBusiahn@ShakopeeMN.gov or 952-233-9371
 - Soils not meeting this requirement are required to be subsoiled to relieve compaction

- Trees shall not be planted in a location that will interfere with infrastructure or be in extreme competition for resources with other trees at maturity. Minimum spacing between non-ornamental trees is 20 feet.
- No trees shall be planted within easements or right of ways without permission from the City's Engineering, Natural Resources Department, and Shakopee Public Utilities.
- The landscape contractor must notify the City of Shakopee Natural Resources Division before installation takes place and again when landscaping is complete. The warranty period shall not begin until inspection and City acceptance is complete. Contact 952-233-9371 or JBusiahn@ShakopeeMN.gov

Details required on the landscape plan:

Place the City's Tree Planting Detail (below) on the landscaping plan, in clear view of the landscape contractor. Do not have planting details or information on the plan which conflicts with information on this detail.



City of Shakopee,
MN Tree Planting Det

Grading Plan

Notes required on the grading plan:

- Soil compaction for all non-structural landscaped areas (including landscaping islands) shall be between 75%-80% of Standard Proctor or not to exceed 300 PSI for a minimum of the top 18" of soil. Compaction samples are to be taken after final grading of the site is complete. They are to be submitted and approved by the City of Shakopee's Natural Resources Dept. before installation of landscaping begins. Samples shall be randomly taken with even coverage of all landscaped areas. Submit sample results to the Shakopee Natural Resources Dept.-
JBusiahn@ShakopeeMN.gov
 - Soils not meeting this requirement are required to be ripped/subsoiled to relieve compaction
- Subsoil shall be scarified before first lift of topsoil is applied.

Details required on the grading plan:

If trees are being preserved on the site, calculate the Critical Root Zone for those trees and **place distances the tree protection fencing needs to be from trees on the plan**, as well as the detail below.



Tree Protection
Detail.pdf