March 20, 2023

Mr. Chris McLeod
Planning Manager
Department of Planning & Economic Development
City of Rochester Hills
100 Rochester Hills Drive
Rochester Hills, Michigan 48309

Re: South Oaks
        Coniferous tree relationship of height to diameter

Dear Chris:

In regard to obtaining extra mitigation credit for specimen tree inch or inch replacement with larger than 8 foot tall evergreens planted on site, we held a conversation with the following nursery:

1. Gee Farms Nursery in Stockbridge, MI.
2. Kary was person we spoke with.
3. 517/769-6772
4. coniferkary@gmail.com
5. For a typical evergreen tree that they provide, they measure trunk width at 12" above ground, apparently that is the industry standard. For the typical evergreens as we have proposed on our landscape plans, she indicated that the relationship of evergreen tree height to trunk width is as follows:

	Tree Height 8'	Tree Height 12'	Tree Height 16'
Trunk width at 12" Above ground	1.8"	5"	8"

6. So, the 8' high evergreen tree would equate to a 2" dbh deciduous tree. Therefore a 12' evergreen would equate to 2.5 deciduous trees at 2" dbh and a 16' evergreen would equate to 4 deciduous trees at 2" dbh. We used these ratios in the development of our planting plans for South Oaks.
7. We are also requesting to use the excess tree mitigation inches from Walton Oaks toward the tree mitigation deficit at South Oaks. That excess tree mitigation is 190 inches.

Respectfully,

Bruce Michael
Member

excess tree replacement from planting larger trees will not be allowed to count for mitigation of tree removal at other development project.

Typical Evergreen replacement is to be 8 ft in height. Being that this is equivalent to a 2" deciduous tree replacement in the ordinance and keeping with this ratio, for specimen trees, Evergreens that are 12' in height will count towards 3" of replacement of the 50% dbh at this specific location