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: Walton 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:

Trunk width at 12 '

| Tree Height $8^{\prime}$ | Tree Height 12’ | Tree Height $16 ’$ |
| :---: | :---: | :---: |
| $1.8^{\prime \prime}$ | $5^{\prime \prime}$ | $8^{\prime \prime}$ |

Above ground
6. So, the $8^{\prime}$ high evergreen tree would equate to a $2^{\prime \prime}$ dbh deciduous tree. Therefore a $12^{\prime}$ evergreen would equate to 2.5 deciduous trees at $2^{\prime \prime}$ dbh and a $16^{\prime}$ evergreen would equate to 4 deciduous trees at 2 " dbh. We used these ratios in the development of our planting plans for Walton 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

