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Dear Planning and Zoning staff and officials,

At the last Planning and Zoning Meeting there was some discussion on the mulching process that would be conducted on site. The mulching machine that will be used is a Rotochopper CP-118 Wood Chip Processor. The wood chips are stored in a large bin next to the mulch areas. The wood chips are then picked up using a front loader and dumped into the hopper of the wood chip processor. This machine takes wood chips and grinds them down into a finer mulch material where water and dye are added. Once the mulch is dyed it is then placed inside a bin for storage. The bins will be built out of masonry blocks and will be at least 8' tall in order to house and contain all woodchips and mulch. There will also be a row of evergreen trees planted along the existing tree line to help promote privacy and a sound barrier for all of the residential properties. The noise ordinance for this area is 61 decibels at the property line. The mulch machine itself will be placed approximately 105' (35 yards) from this property line. At this range the decibels at the property line if there were no obstructions would be 78 decibels. From my research the 8' tall masonry block wall should reduce decibel levels by about 8-12, the row of trees should reduce decibel levels by approximately 4-6, and a moderately dense 50' wooded section should reduce decibel levels by approximately 2-4. This puts the range of decibels at approximately 64-56. Once this project is completed and work is to commence the applicant is willing to test the decibel reading at the property line while the wood chip processor is running as it would during production. Once a reading is obtained, if the reading is unacceptable then either more trees will be planted or another acceptable form of noise reduction will be used.

Please see attached documents pertaining to the wood chip processor.

Thank You,

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