

**FAIRCHILD AVENUE
DIVIDEND HOMES
MOUNTAIN VIEW, CALIFORNIA**

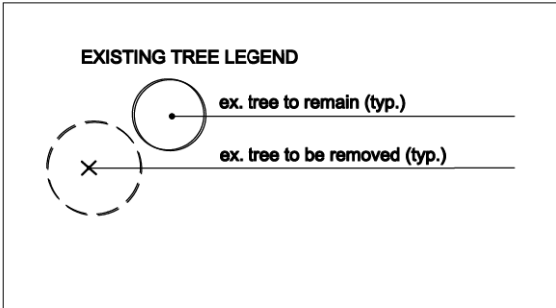
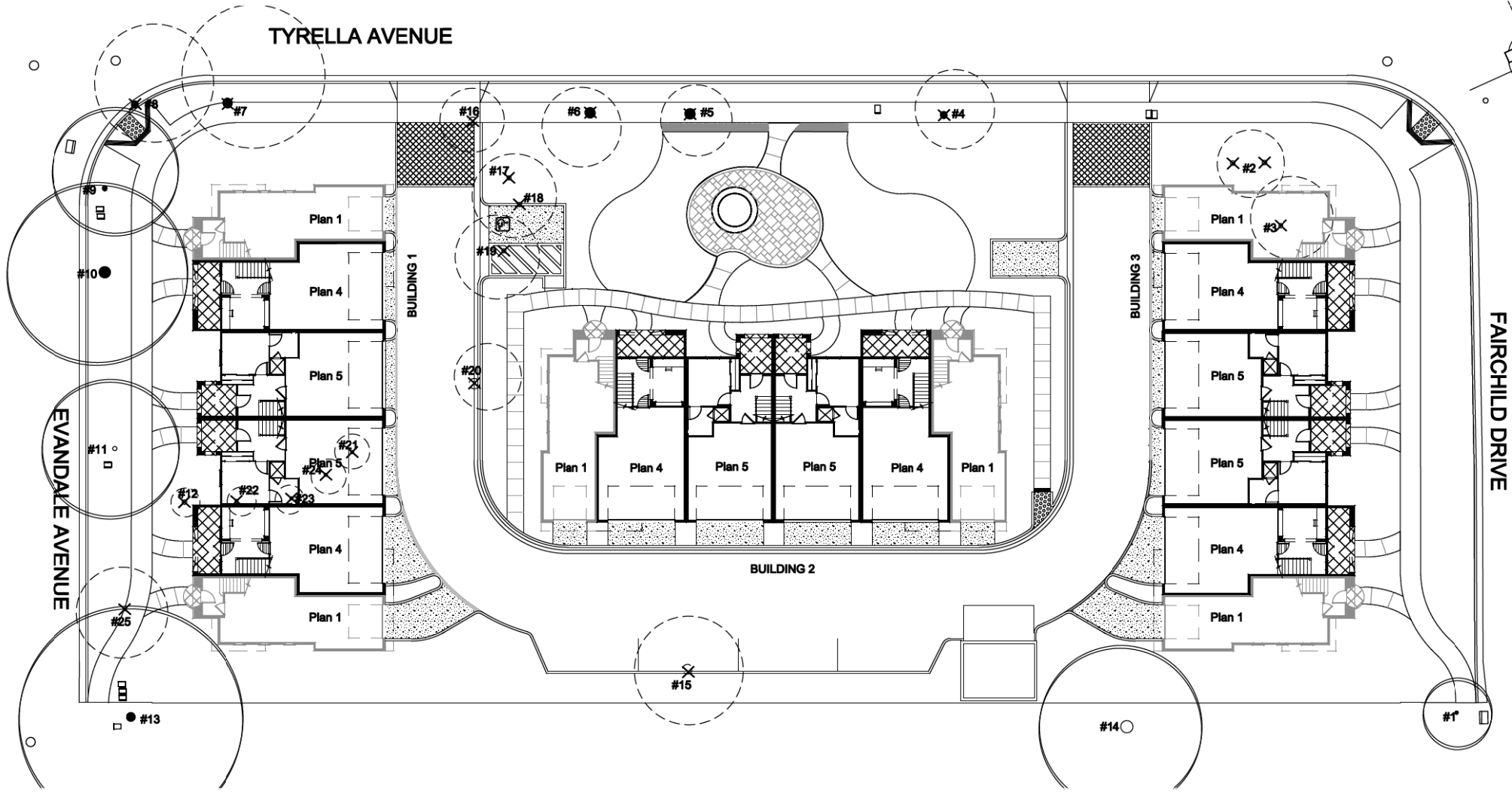


| DATE | PURPOSE | BY |
|----------|-------------------------|-----|
| 11.7.12 | first issue review | MAA |
| 6.13.13 | drc submittal | MAA |
| 9.9.13 | drc resubmittal | MAA |
| 10.28.13 | drc comment resubmittal | MAA |

scale:
1/16" = 1' - 0"
& as noted

sheet title:
existing trees

sheet number:
**T - 1
of one**



NOTE:
1. Information provided on this plan is based on the tree report by project arborist Ray Momeau, 650.964.7664 or ray@marborist.com
2. Contractor shall contact project arborist for direction on setting up tree protective fencing around existing trees to be preserved and protected.
3. Per tree report by project arborist, the trunks are measured at 54" above soil height or as noted.

**TREE INVENTORY
TREES TO BE REMOVED**

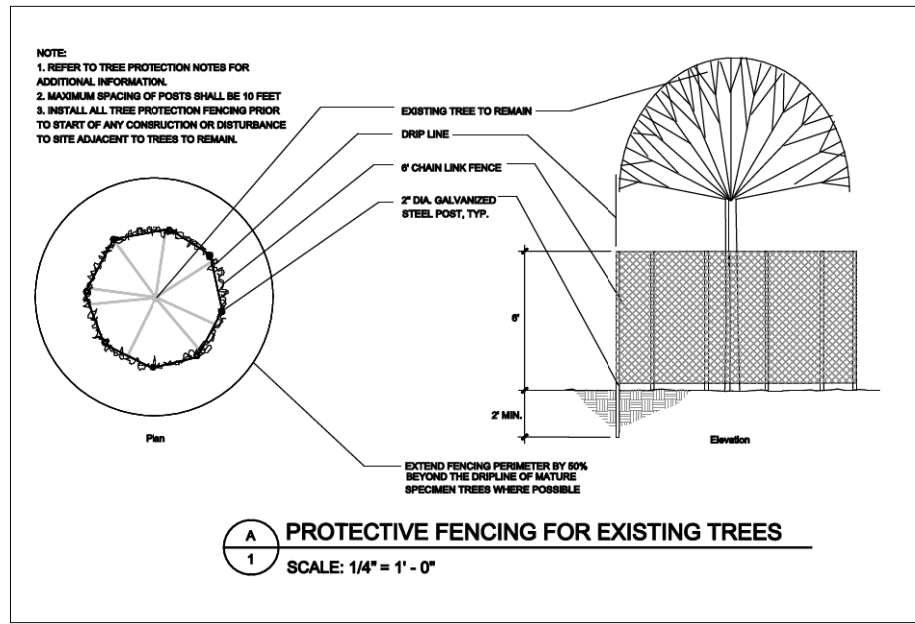
| TREE NO. | COMMON NAME | BOTANICAL NAME | TRUNK DIAMETER (IN.) | TRUNK CIRCUMFERENCE (IN.) | CANOPY RADIUS (FT.) | HEIGHT (FT.) | OVERALL CONDITION |
|----------|-------------------------|-------------------------------------|----------------------|---------------------------|---------------------|--------------|-------------------|
| 2 | Plum | <i>Prunus communis</i> | 3", 3" | 26" | 10' | 38' | 46% POOR |
| 3 | Plum | <i>Prunus communis</i> | 16" @ 2" | 6" @ 2" | 8' | 12' | 35% POOR |
| 4 | Raywood Ash | <i>Fraxinus oxycarpa</i> 'Raywood' | 20.8" | 66" | 8' | 14' | 25% VERY POOR |
| 5 | Raywood Ash | <i>Fraxinus oxycarpa</i> 'Raywood' | 28.3" | 89" | 8' | 20' | 25% VERY POOR |
| 6 | Raywood Ash | <i>Fraxinus oxycarpa</i> 'Raywood' | 27.2" @ 3" | 84" | 8' | 20' | 25% VERY POOR |
| 7 | Raywood Ash | <i>Fraxinus oxycarpa</i> 'Raywood' | 34.3" | 76" | 20' | 37' | 25% VERY POOR |
| 8 | Raywood Ash | <i>Fraxinus oxycarpa</i> 'Raywood' | 19.3" | 61" | 17' | 33' | 22% VERY POOR |
| 12 | Schwedler Maple | <i>Acer platanoides</i> 'Schwedler' | 8.5" | 27" | 20' | 33' | 37% POOR |
| 15 | Myoporum | <i>Myoporum laetum</i> | 17.7" @ 1" | 65" @ 1" | 17' | 25' | 17% VERY POOR |
| 16 | Australian Brush Cherry | <i>Syzygium paniculatum</i> | 5.1" | 16" | 7' | 17' | 35% POOR |
| 17 | Jacaranda | <i>Jacaranda mimosaefolia</i> | 4" | 13" | 5' | 20' | 47% POOR |
| 18 | Avocado | <i>Persea americana</i> | 5", 6" | 16", 19" | 17' | 27' | 50% POOR |
| 19 | Jacaranda | <i>Jacaranda mimosaefolia</i> | 5" | 16" | 7' | 20' | 47% POOR |
| 20 | Medean Fan Palm | <i>Washingtonia robusta</i> | 20" | 63" | 8' | 30' | 67% FAIR |
| 21 | Almond | <i>Prunus amygdalus</i> | 6", 12", 16" | 25", 36", 47" | 16' | 20' | 20% POOR |
| 22 | English Walnut | <i>Juglans regia</i> | 8.3" | 27" | 0' | 7' | 00% DEAD |
| 23 | Raywood Ash | <i>Fraxinus oxycarpa</i> 'Raywood' | 11.8" | 36" | 4' | 17' | 10% VERY POOR |
| 24 | Lemon | <i>Citrus limon</i> | 5" @ 6" | 16" @ 8" | 4' | 14' | 66% FAIR |
| 25 | Grapefruit | <i>Citrus x paradisi</i> | 7.1" | 20" | 5' | 8' | 3% VERY POOR |

TREES TO REMAIN

| TREE NO. | COMMON NAME | BOTANICAL NAME | TRUNK DIAMETER (IN.) | TRUNK CIRCUMFERENCE (IN.) | CANOPY RADIUS (FT.) | HEIGHT (FT.) | OVERALL CONDITION |
|----------|-------------------|-------------------------------------|----------------------|---------------------------|---------------------|--------------|-------------------|
| 1 | Sweet Gum | <i>Liquidambar styraciflua</i> | 8.2" | 26" | 10' | 38' | 46% POOR |
| 9 | Schwedler Maple | <i>Acer platanoides</i> 'Schwedler' | 12.4" | 38" | 18' | 36' | 65% FAIR |
| 10 | Schwedler Maple | <i>Acer platanoides</i> 'Schwedler' | 34" | 106" | 22' | 36' | 42% POOR |
| 11 | Schwedler Maple | <i>Acer platanoides</i> 'Schwedler' | 10.9" | 36" | 21' | 33' | 34% POOR |
| 13 | London Plane Tree | <i>Platanus acerifolia</i> | 22.8" | 72" | 25' | 38' | 66% FAIR |
| 14 | Siberian Elm | <i>Ulmus pumila</i> | 27.8" @ 4" | 86" @ 4" | 22' | 40' | 47% POOR |

TREE PROTECTION NOTES:

- Prior to initiating any construction activity in the area, including grading, temporary fencing shall be installed at each site tree. Fencing shall be located at or beyond the canopy drip line so that 100% of the drip line will be protected by fencing. To reduce soil compaction from equipment, a mat of 1-2 inch sized wood chips shall be placed at a depth of 4 inches where no excavation is to occur in the vicinity if the trees to be protected.
- The tree protection fence shall be 6' high chain link with immovable posts. The fencing shall form a continuous barrier without entry points around each tree. Any encroachment into the drip line for fencing or construction purposes shall not be permitted.
- Low hanging limbs of saved trees shall be pruned prior to grading, or any equipment mobilization on site. The purpose of this requirement is to avoid tearing limbs by heavy equipment. All limbs to be pruned shall be supervised by the arborist of record for the job.
- This fencing shall serve as a barrier to prevent drip line encroachment of any type of construction activities and equipment. No oils, gas, chemicals, liquid waste, solid waste, construction machinery or construction materials shall be stored or allowed to stand for any period of time within the drip line of the tree. Further, no one shall enter the fence perimeter for any reason except for the purpose of monitoring the health of the tree. Accidental damage to bark, root crown, or limbs may increase the potential for future decline in the health of the tree.
- Contractors and subcontractors shall direct all equipment and personnel to remain outside the fenced area and at all times until the project is complete, and shall instruct employees as to the purpose and importance of fencing.
- A warning sign shall be posted at each tree indicating the purpose of the fencing.
- The arborist of record for the job and or the city arborist shall be responsible for inspection and approval of the fencing prior to any grading operations.
- Fencing must remain in place and shall not be removed until all construction activities are completed. This shall include grading and compaction activities, installation of underground utilities, all construction activities, and any other construction or activity that is scheduled prior to landscape installation.
- Roots of single standing trees often extend up to the three times the distance of the actual drip line and function primarily in the uptake of nutrients and water. The drip line is arbitrarily established as the minimum root area generally required to preserve tree health. As much area around the circumference of the tree should have minimum intrusion to further insure tree survival and health.
- Unauthorized tree removal is subject to in-kind replacement equal to the mature resource lost as determined by the city.
- The contractor is required to water, fertilize and attend to other maintenance needs of existing trees as needed per arborist's recommendations to maintain healthy growth throughout the construction period. Six foot diameter minimum by six inch tall earth berms shall be constructed at the base of each tree to function as temporary watering basins during the construction period. Trees shall be watered according to weather and tree requirements.
- Relocation of existing trees (if desired) shall occur under the observation and direction of a certified arborist approved by the city of Mountain View. Contact city for additional notes regarding tree location.
- Please consult specifications concerning tree protection and maintenance prepared by project arborist or more information.
- No trenching shall occur within the tree protection zone.
- All digging within the drip line of trees shall be done by hand.
- Exposed soil after demolition must be covered immediately with a six inch layer of wood chip mulch.
- Incorporate City standard provision 38-03.03 (Protection of Trees during Construction Activities).
 - All existing heritage trees and designated trees on the job site require protection from construction activities within the drip lines. Temporary chain-link fencing and plastic construction fence are acceptable as protective barriers for tree protection purposes. Fencing shall be minimum five feet (5) high. Tree protection shall remain in place until all construction is complete.
 - No excavation within the tree protection area are allowed unless approved by the City and under the supervision of a licensed arborist. Any filling within the tree protection area shall be done in accordance with a detailed improvement plan approved by the City. No trimming, cutting, or pruning of designated trees can occur without the approval by the city and supervision of a licensed arborist.
 - No storage of materials, disposal of paints, solvents or other noxious materials, operation of equipment, parked cars, unnecessary trenching, grading or compaction shall be allowed within the drip line of any trees.



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VIEWPOINT
 111 & 123 FAIRCHILD DRIVE
 DIVIDEND HOMES MOUNTAIN VIEW

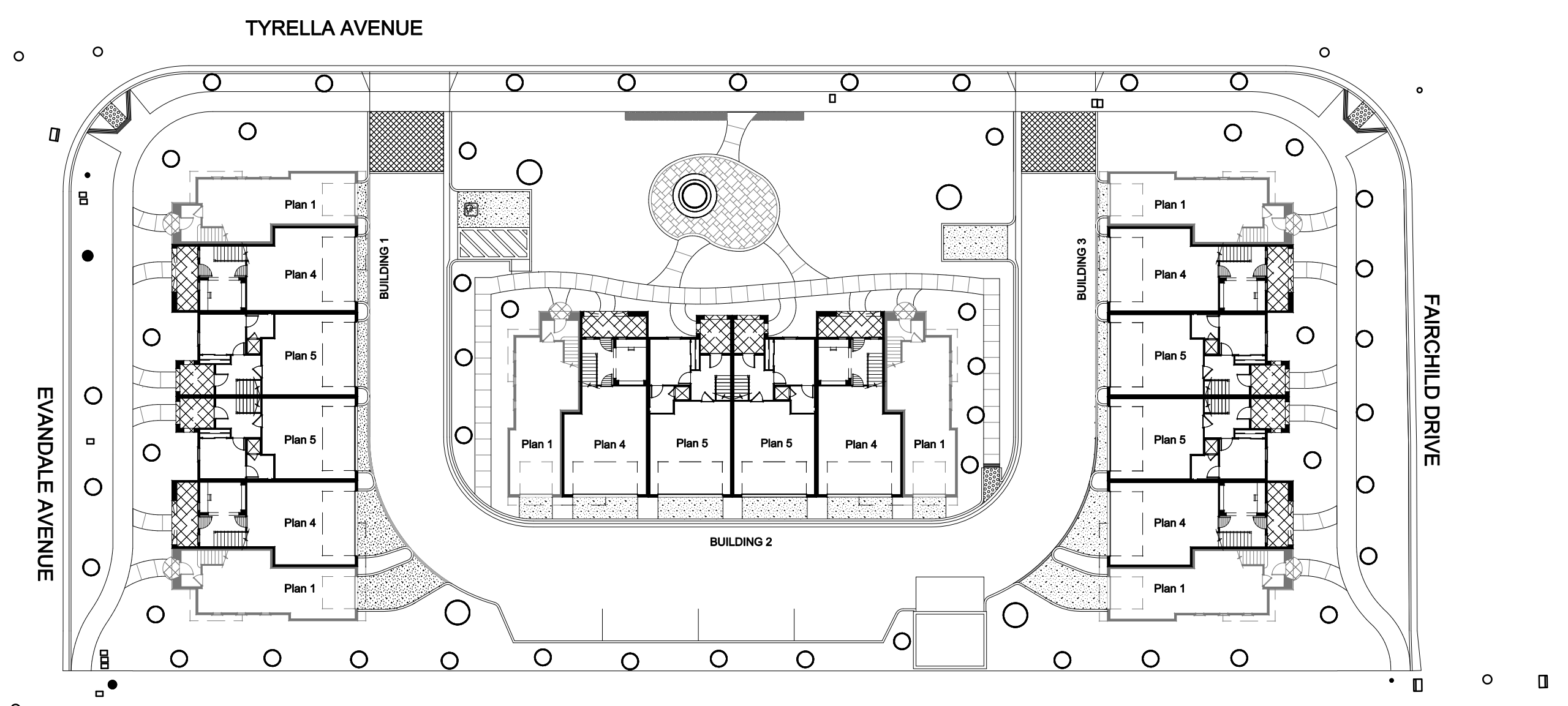


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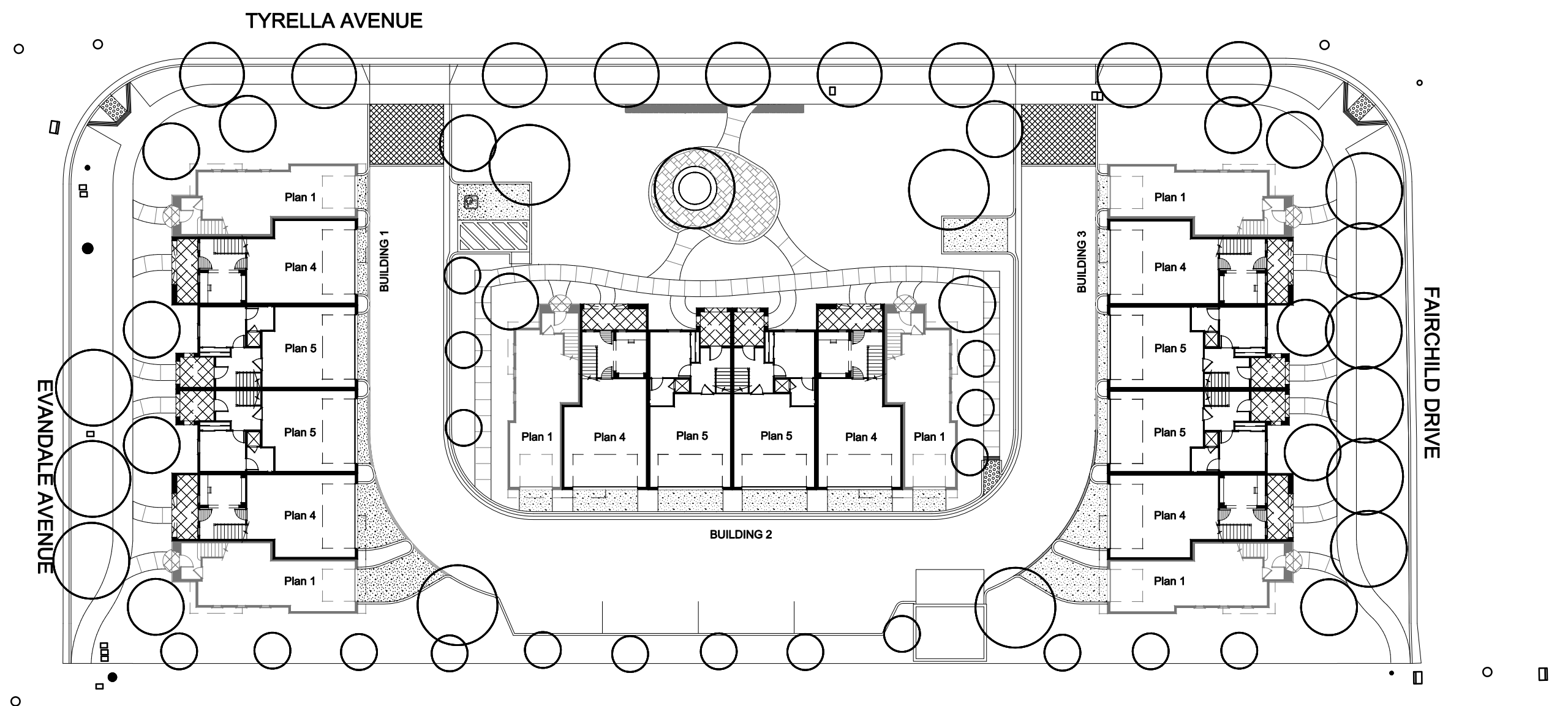
scale:
 1" = 30' - 0"

sheet title:
 tree growth projection

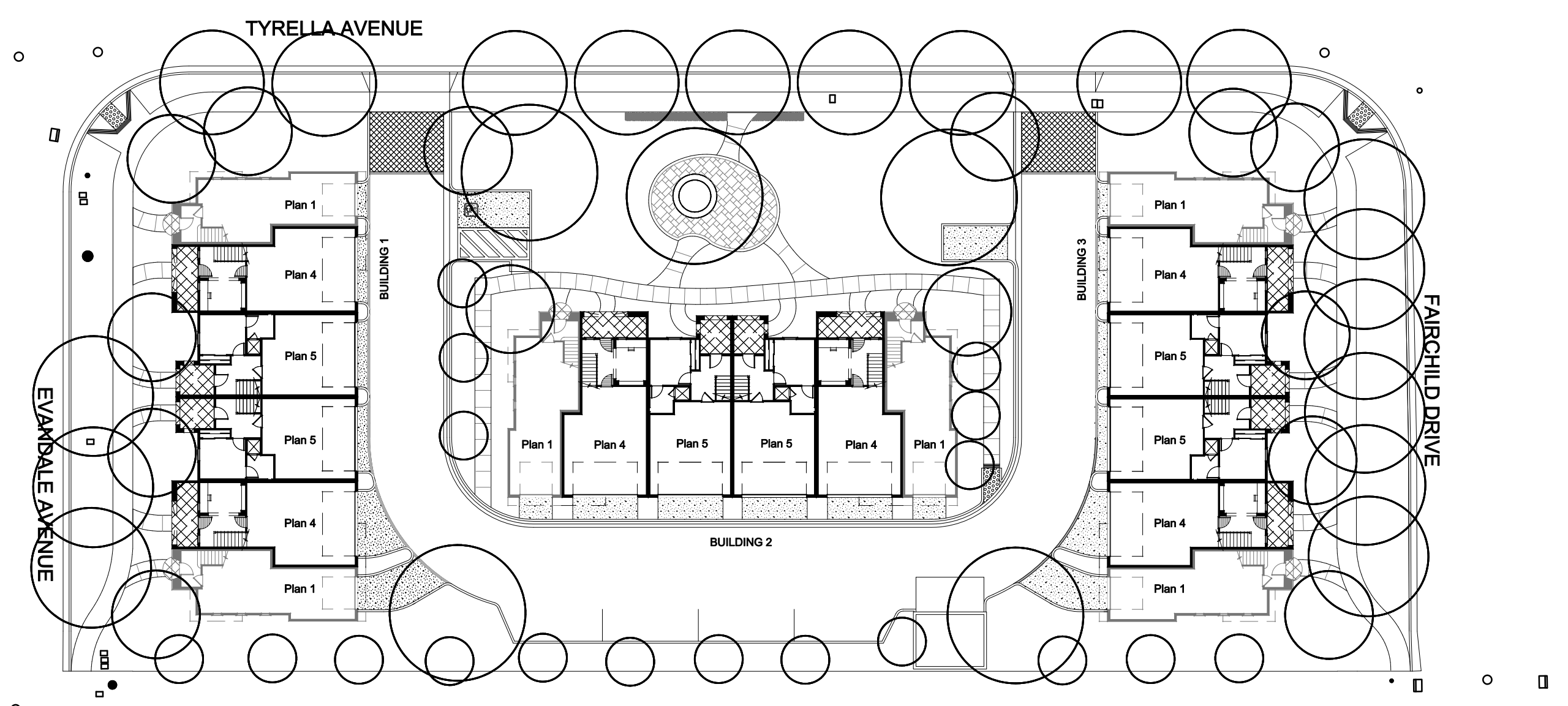
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approximate tree canopy size at time of planting



approximate tree canopy size after 5 year growth period



approximate tree canopy size after 10 year growth period

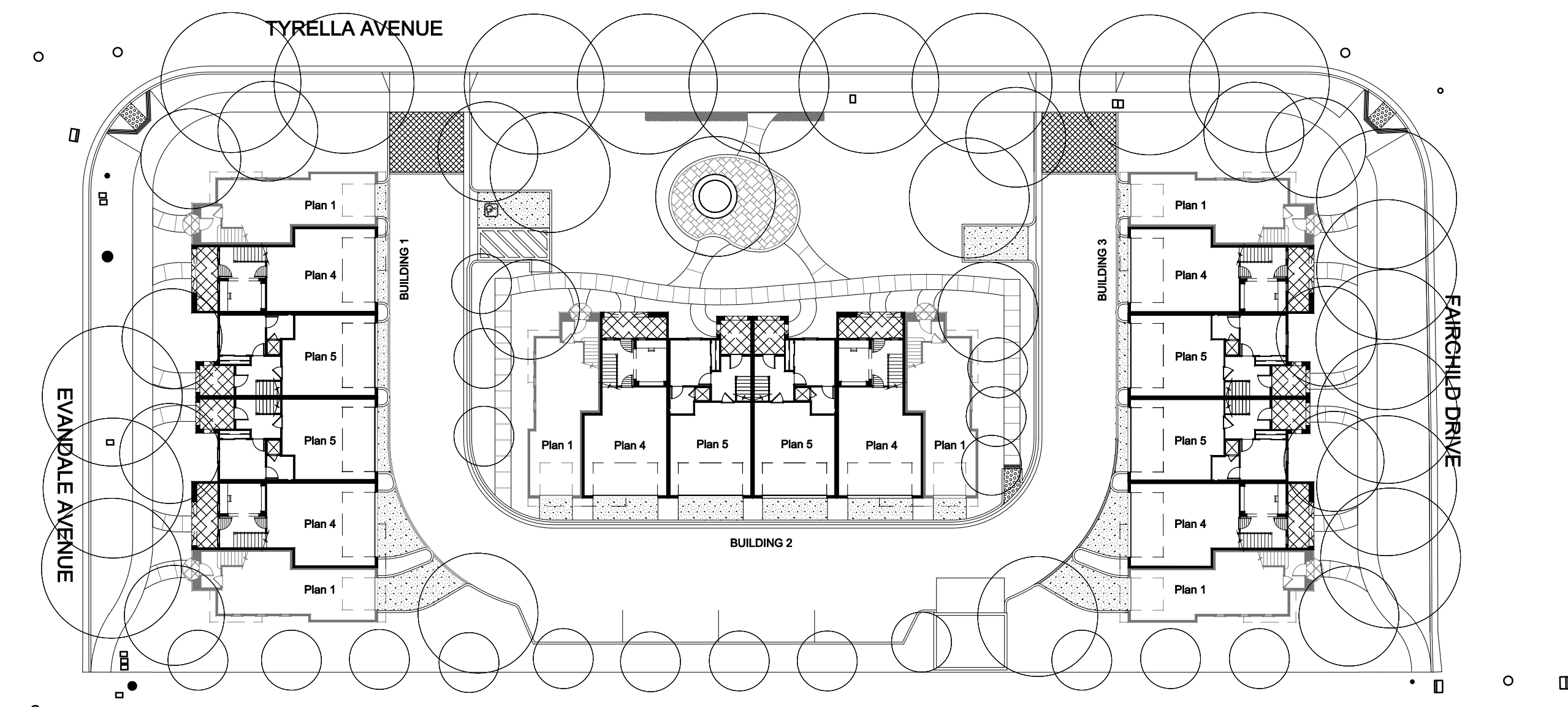
FAIRCHILD DRIVE TREE GROWTH PROJECTIONS

| Alias | Scientific Name | Common Name | Container Size | Growth Rate * | Initial Size at Planting ** H x W | 5 Year Growth H x W | 10 Year Growth H x W | Growth at Maturity *** H x W |
|-------|------------------------------------|----------------------|----------------|---------------|--------------------------------------|------------------------|-------------------------|---------------------------------|
| AR | Acer rubrum 'Red Sunset' | Red Sunset Maple | 24"-Box | Fast | 9-11' x 3-4' | 20' x 19' | 34' x 30' | 45' x 35' |
| FA | Fraxinus americana 'Autumn Purple' | White Ash | 24"-Box | Fast | 9-11' x 3-4' | 20' x 16' | 36' x 26' | 45' x 30' |
| LS | Laurus 'Saratoga' | Hybrid Laurel | 24"-Box | Moderate | 9-10' x 3-4' | 14' x 9' | 19' x 12' | 25' x 15' |
| OE | Olea europea 'Swan Hill' | Fruitless Olive Tree | 24"-Box | Moderate | 5-6' x 3-4' | 14' x 12' | 20' x 22' | 30' x 30' |
| PA | Platanus x acerifolia 'Columbia' | Columbia Sycamore | 36"-Box | Fast | 13-15' x 4-6' | 28' x 20' | 42' x 35' | 40-80' x 30-40' |

* source: Valley Crest Tree Company Wholesale Catalog specifications (slow = <1' per year; moderate = 1-2' per year; fast = 2-5' per year)
 ** source: Valley Crest Tree Company Wholesale Catalog specifications
 *** source: 'Sunset Western Garden Book' and 'Plants and Landscapes for Summer-Dry Climates' (EBMUD)

| FAIRCHILD DRIVE TREE CANOPY COVERAGE | | |
|--|--------------------------------|--|
| square footage of existing tree canopy (all trees) * | total square footage of parcel | % of existing tree canopy cover |
| 12,207 | 43,430 (.99 acre) | 28.11% |
| square footage of existing trees to remain * | total square footage of parcel | % of existing tree canopy cover |
| 6,792 | 43,430 (.99 acre) | 15.63% |
| square footage of tree canopy @ time of planting | total square footage of parcel | % of tree canopy cover at time of planting |
| 770 | 43,430 (.99 acre) | 1.77% |
| square footage of tree canopy @ 5 years | total square footage of parcel | % of tree canopy cover at 5 year growth |
| 7567 | 43,430 (.99 acre) | 17.4% |
| square footage of tree canopy @ 10 years | total square footage of parcel | % of tree canopy cover at 10 year growth |
| 14,722 | 43,430 (.99 acre) | 33.9% |
| square footage of tree canopy @ maturity | total square footage of parcel | % of tree canopy cover at maturity |
| 17,216 | 43,430 (.99 acre) | 39.6% |

* see sheet T-1 for approximate diameter of all existing tree canopies



approximate tree canopy size at maturity