

Entry

Plant List

sym.	qty.	botanical name	common name	caliper	spacing	root	height	price	total
General Plantings									
HB	5	Hydrangea p. 'Bobo'	Bobo Hydrangea	as shown	cont.	#6"	36"	\$ 50.00	\$ 250.00
LA	32	Lavandula angustifolia 'Dwarf Blue'	Dwarf Blue Lavender	24" o.c.	cont.	#2		\$ 20.00	\$ 640.00
RO	18	Rosa 'Drift Rose'	Drift Roses	as shown	cont.	#3		\$ 35.00	\$ 630.00
								Total	\$ 1,520.00



Jameson 6' Recycled Plastic Bench  
Brown / Surface Mount

Seating



Timber Frame  
Stick or Kit Built

Gazebo

Seal:



Title:

Landscape Plan

Project:

The Groves  
Rochester Hills, Michigan

Prepared for:

Pulte Group  
2800 Livernois Road, Building D, Suite 320  
Troy, MI 48083

Revision:

Revision	Issued
Submission	April 15, 2020
Revised	May 11, 2020
Revised	July 29, 2020

Issued:

Job Number:

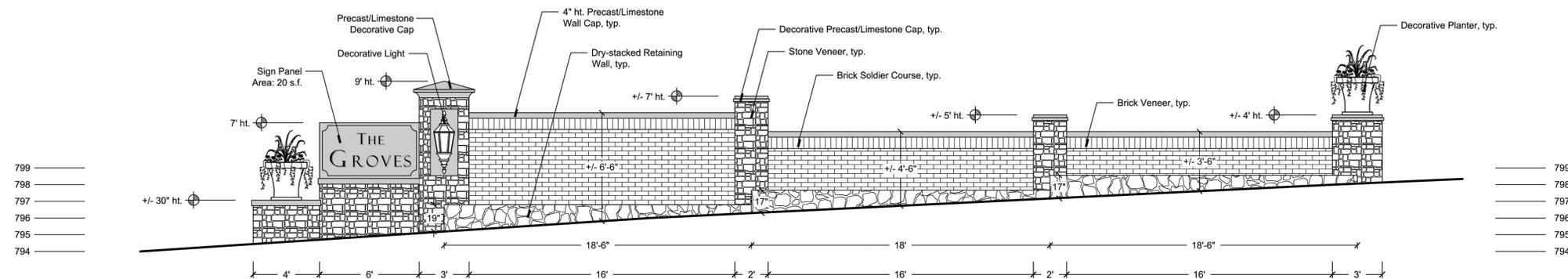
20-021

Drawn By:

jca

Checked By:

jca

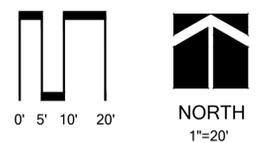


View from Southeast

Sign Ordinance Notes  
- Allowable Height: 7'  
- Proposed Height: 7'  
- Allowable Area: 20 s.f.  
- Proposed Area: 20 s.f.

Entry Elevation

1/4"=1'-0"



Sheet No.



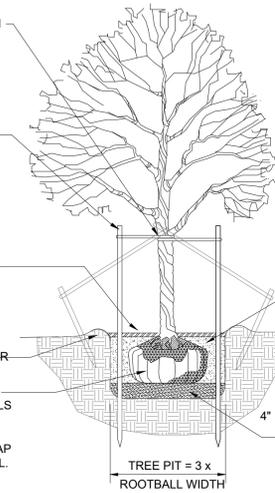
NOTE:  
GUY DECIDUOUS TREES ABOVE  
3" CAL. STAKE DECIDUOUS  
TREES BELOW 3" CAL.

STAKE TREES AT FIRST BRANCH  
USING 2"-3" WIDE BELT-LIKE  
NYLON OR PLASTIC STRAPS.  
ALLOW FOR SOME MINIMAL  
FLEXING OF THE TREE.  
REMOVE AFTER ONE YEAR.

2" X 2" HARDWOOD STAKES,  
MIN. 36" ABOVE GROUND FOR  
UPRIGHT, 18" IF ANGLED. DRIVE  
STAKES A MIN. 18" INTO  
UNDISTURBED GROUND  
OUTSIDE ROOTBALL. REMOVE  
AFTER ONE YEAR.

MULCH 4" DEPTH WITH  
SHREDDED HARDWOOD BARK,  
NATURAL IN COLOR. LEAVE 3"  
CIRCLE OF BARE SOIL AT BASE  
OF TREE TRUNK.

MOUND EARTH TO FORM SAUCER  
REMOVE ALL  
NON-BIODEGRADABLE MATERIALS  
COMPLETELY FROM THE  
ROOTBALL. CUT DOWN WIRE  
BASKET AND FOLD DOWN BURLAP  
FROM TOP 1/2 OF THE ROOTBALL.



NOTE:  
TREE SHALL BEAR SAME  
RELATION TO FINISH GRADE AS  
IT BORE ORIGINALLY OR  
SLIGHTLY HIGHER THAN FINISH  
GRADE UP TO 6" ABOVE GRADE,  
IF DIRECTED BY LANDSCAPE  
ARCHITECT FOR HEAVY CLAY  
SOIL AREAS.

DO NOT PRUNE TERMINAL  
LEADER. PRUNE ONLY DEAD OR  
BROKEN BRANCHES.

REMOVE ALL TAGS, STRING,  
PLASTICS AND OTHER  
MATERIALS THAT ARE  
UNSIGHTLY OR COULD CAUSE  
GIRDLING.

PLANTING MIXTURE:  
AMEND SOILS PER  
SITE CONDITIONS  
AND REQUIREMENTS  
OF THE PLANT  
MATERIAL.

SCARIFY SUBGRADE  
AND PLANTING PIT  
SIDES. RECOMPACT  
BASE OF TO 4"  
DEPTH.

## DECIDUOUS TREE PLANTING DETAIL

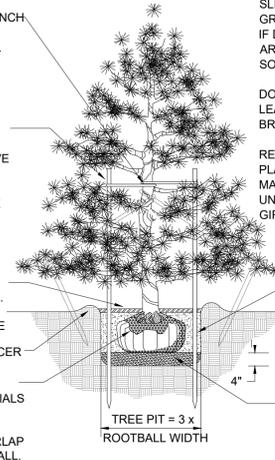
NOTE:  
GUY EVERGREEN TREES ABOVE  
12' HEIGHT. STAKE EVERGREEN  
TREE BELOW 12' HEIGHT.

STAKE TREES AT FIRST BRANCH  
USING 2"-3" WIDE BELT-LIKE  
NYLON OR PLASTIC STRAPS.  
ALLOW FOR SOME MINIMAL  
FLEXING OF THE TREE.  
REMOVE AFTER ONE YEAR.

2" X 2" HARDWOOD STAKES,  
MIN. 36" ABOVE GROUND FOR  
UPRIGHT, 18" IF ANGLED. DRIVE  
STAKES A MIN. 18" INTO  
UNDISTURBED GROUND  
OUTSIDE ROOTBALL. REMOVE  
AFTER ONE YEAR.

MULCH 4" DEPTH WITH  
SHREDDED HARDWOOD BARK,  
NATURAL IN COLOR. LEAVE 3"  
CIRCLE OF BARE SOIL AT BASE  
OF TREE TRUNK  
MOUND EARTH TO FORM SAUCER

REMOVE ALL  
NON-BIODEGRADABLE MATERIALS  
COMPLETELY FROM THE  
ROOTBALL. CUT DOWN WIRE  
BASKET AND FOLD DOWN BURLAP  
FROM TOP 1/2 OF THE ROOTBALL.



NOTE:  
TREE SHALL BEAR SAME  
RELATION TO FINISH GRADE AS  
IT BORE ORIGINALLY OR  
SLIGHTLY HIGHER THAN FINISH  
GRADE UP TO 6" ABOVE GRADE,  
IF DIRECTED BY LANDSCAPE  
ARCHITECT FOR HEAVY CLAY  
SOIL AREAS.

DO NOT PRUNE TERMINAL  
LEADER. PRUNE ONLY DEAD OR  
BROKEN BRANCHES.

REMOVE ALL TAGS, STRING,  
PLASTICS AND OTHER  
MATERIALS THAT ARE  
UNSIGHTLY OR COULD CAUSE  
GIRDLING.

PLANTING MIXTURE:  
AMEND SOILS PER  
SITE CONDITIONS  
AND REQUIREMENTS  
OF THE PLANT  
MATERIAL.

SCARIFY SUBGRADE  
AND PLANTING PIT  
SIDES. RECOMPACT  
BASE OF TO 4"  
DEPTH.

## EVERGREEN TREE PLANTING DETAIL

NOTE:  
TREE SHALL BEAR SAME  
RELATION TO FINISH GRADE AS  
IT BORE ORIGINALLY OR  
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GRADE UP TO 4" ABOVE GRADE,  
IF DIRECTED BY LANDSCAPE  
ARCHITECT FOR HEAVY CLAY  
SOIL AREAS.

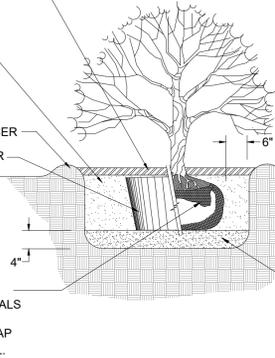
PRUNE ONLY DEAD OR BROKEN  
BRANCHES.

REMOVE ALL TAGS, STRING,  
PLASTICS AND OTHER  
MATERIALS THAT ARE  
UNSIGHTLY OR COULD CAUSE  
GIRDLING.

PLANTING MIXTURE:  
AMEND SOILS PER  
SITE CONDITIONS  
AND REQUIREMENTS  
OF THE PLANT  
MATERIAL.

REMOVE COLLAR OF ALL FIBER  
POTS. POTS SHALL BE CUT TO  
PROVIDE FOR ROOT GROWTH.  
REMOVE ALL NONORGANIC  
CONTAINERS COMPLETELY.

REMOVE ALL  
NON-BIODEGRADABLE MATERIALS  
COMPLETELY FROM THE  
ROOTBALL. FOLD DOWN BURLAP  
FROM TOP 1/2 OF THE ROOTBALL.



## SHRUB PLANTING DETAIL

NOT TO SCALE

## MAINTENANCE NOTES

SECTION 138-12.109 - Maintenance

The owner of the property shall be responsible for all maintenance of site landscaping, as follows:

- Landscaping shall be kept in a neat, orderly and healthy growing condition, free from debris and refuse.
- Pruning shall be minimal at the time of installation, only to remove dead or diseased branches. Subsequent pruning shall assure proper maturation of plants to achieve their approved purpose.
- All dead, damaged, or diseased plant material shall be removed immediately and replaced within six months after it dies or in the next planting season, whichever occurs first. For purposes of this Section, the planting season for deciduous plants shall be between March 1 and June 1 and from October 1 until the prepared soil becomes frozen. The planting season for evergreen plants shall be between March 1 and June 1. Plant material installed to replace dead or diseased material shall be as close as practical to the size of the material it is intended to replace. The City may notify property owners of the need to replace dead, damaged, or diseased material.
- The approved landscape plan shall be considered a permanent record and integral part of the Site Plan Approval. Unless otherwise approved in accordance with the aforementioned procedures, any revisions to or removal of plant materials, or non-compliance with the maintenance requirements of this Section 138-12.109 will place the parcel in non-conformity with the approved landscape plan and be a violation of this ordinance.
- If protected trees are damaged, a fine shall be issued on an inch-by-inch basis at a monetary rate as defined by the Forestry Department.

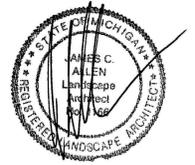
## LANDSCAPE NOTES

- All plants shall be north Midwest American region grown, No. 1 grade plant materials, and shall be true to name, free from physical damage and wind burn.
- Plants shall be full, well-branched, and in healthy vigorous growing condition.
- Plants shall be watered before and after planting is complete.
- All trees must be staked, fertilized and mulched and shall be guaranteed to exhibit a normal growth cycle for at least two (2) full years following City approval.
- All material shall conform to the guidelines established in the most recent edition of the American Standard for Nursery Stock.
- Provide clean backfill soil, using material stockpiled on site. Soil shall be screened and free of any debris, foreign material, and stone.
- "Agriform" tabs or similar slow-release fertilizer shall be added to the planting pits before being backfilled.
- Amended planting mix shall consist of 1/3 screened topsoil, 1/3 sand and 1/3 peat, mixed well and spread to the depth as indicated in planting details.
- All plantings shall be mulched per planting details located on this sheet.
- The Landscape Contractor shall be responsible for all work shown on the landscape drawings and specifications.
- No substitutions or changes of location, or plant types shall be made without the approval of the Landscape Architect.
- The Landscape Architect shall be notified of any discrepancies between the plans and field conditions prior to installation.
- The Landscape Contractor shall be responsible for maintaining all plant material in a vertical condition throughout the guaranteed period.
- The Landscape Architect shall have the right, at any stage of the installation, to reject any work or material that does not meet the requirements of the plans and specifications, if requested by owner.
- Contractor shall be responsible for checking plant quantities to ensure quantities on drawings and plant list are the same. In the event of a discrepancy, the quantities on the plans shall prevail.
- The Landscape Contractor shall seed and mulch or sod (as indicated on plans) all areas disturbed during construction, throughout the contract limits.
- A pre-emergent weed control agent, "Preen" or equal, shall be applied uniformly on top of all mulching in all planting beds.
- All landscape areas shall be provided with an underground automatic sprinkler system.
- Sod shall be two year old "Baron/Cheriadelpi" Kentucky Blue Grass grown in a sod nursery on loam soil.

## ADDITIONAL NOTES

- All Landscaped Areas Shall be Irrigated with an Automatic, Underground System.
- Islands Shall be Sod.
- Owner Shall be Responsible for Replacing Damaged Plant Material Due to Utility Maintenance.
- Prior to the release of the Performance Bond, the City of Rochester Hills Forestry Division needs to inspect all trees, existing or planted, to identify any that pose a hazard to the safe use of the public right-of-way. Forestry may require the developer to remove and possibly replace, any such trees.
- These requirements are incorporated into the plan.
- Prior approval is required to plant any tree or shrub on the public right-of-way. All trees and shrubs must be planted 10' from the edge of the public road. (Trees must be planted at least 15' away from the curb or road edge where the speed limit is more than 35 mph). Shade trees and shrubs must be planted at least 5' from the edge of the public walkway. Evergreen and ornamental trees must be planted at least 10' from the edge of the public walkway. No trees or shrubs may be planted within the triangular area formed at the intersection of any street right-of-way at a distance along each line of 25' from their point intersection. No trees or shrubs may be planted within the triangular area formed at the intersection of any driveway with a public walkway at a distance along each line of 15' from their point of intersection. All trees and shrubs must be planted at least 10' from any fire hydrant. Shade and evergreen trees must be at least 15' away from the nearest overhead wire. Trees must be planted a minimum of 5' from an underground utility, unless the City's Landscape Architect requires a greater distance.
- No substitutions or changes of location or plant types shall be made without the approval of the developer and the City of Rochester Hills Landscape Architect. City's Landscape Architect has Final Right of Approval for the Release of the Performance and Maintenance Bonds.
- The developer and/or the City of Rochester Hills Landscape Architect shall have the right, at any stage of the installation, to reject any work or material that does not meet the requirements of the plans or specifications.
- Replacement trees may not be planted within the drip line of existing trees.
- Trees may not be planted within 4' of any property line.
- Irrigation Shall Only Occur Between the Hours of 12am and 5am in Accordance with the City's Watering Ordinances.
- Irrigation overspray shall not broadcast onto the City pathways.

Seal:



Title:

Landscape Details

Project:

The Groves  
Rochester Hills, Michigan

Prepared for:

Pulte Group  
2800 Livernois Road, Building D, Suite 320  
Troy, MI 48063

Revision:

Issued:

Submission	April 15, 2020
Revised	May 11, 2020
Revised	July 29, 2020

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20-021

Drawn By:

Checked By:

jca

jca

Sheet No.



L-3

City File #19-022  
Section 15