PLANTING SPECIFICATIONS AND NOTES

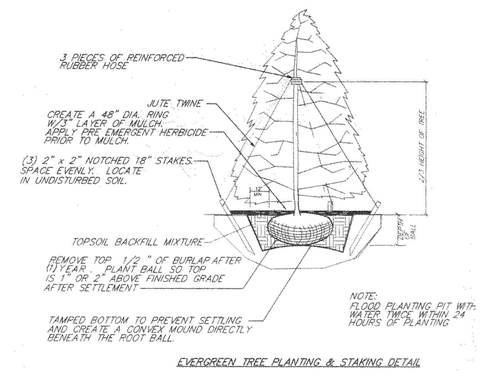
1. Plant material size
Plants shall be measured as they stand in their natural position. Plant stock furnished shall have a fair average of the minimum sizes specified or of the range given in latest edition of "American Standards for Nursery Stock".
2. Qualities
All plants shall be typical of their species or variety; they shall have normal, well-developed branches and vigorous fibrous root systems; free of insects, pests and disease, and they shall be in conformity with the standards of the American Association of Nurserymen. All plants shall be nursery grown unless otherwise stated: they shall have been grown under the same climate conditions as the subject site for at least two years prior to the date of planting. All plants which are found to be unsuitable in growth or condition or which are not true to name shall be removed and replaced with acceptable plants.
3. Nomenclature
Shall agree with the nomenclature of "standard plant names" as adopted by the American Joint Committee on Horticulture Nomenclature; size and grading standards shall conform to those specified by the American Association of Nurserymen in the latest edition of "American Standards for Nursery Stock".
4. Plant preparation
All precautions customary in good-trade practice shall be taken in preparing for moving. All balled and burlapped plants shall be dug to meet or exceed the standards set forth in the latest edition of "American Standards for Nursery Stock".
5. Planting pit depth
The excavation must not be less than 12 inches wider or any deeper than necessary to accommodate the root ball of the tree.
6. Planting depth
Trees shall be planted at the some depth as they were in the nursery. Each planting pit shall be flooded twice within 24 hours of planting.
7. Pruning
Trees shall be pruned after planting or by the nursery at the time of digging, to balance top growth with roots and to preserve their natural shape and character. Pruning shall be generally restricted to the secondary branches, and soft sucker growth.
8. Seeding
All areas disturbed by construction shall be hydroseeded and mulched with seed mix "Del Val" by Conservation Resources or approved equivalent at 5 lbs per 1000 SF. Seeding dates: 4/15 to 6/1 and 8/15 to 10/15.
9. Mulching
All trees shall be mulched within three days of planting with shredded bark, licorice root or other suitable mulch material.
10. Tree supports
A. Staking - trees shall be staked as per details within three days of planting. Stakes shall be installed at a minimum of 18" above grade and not less than 2" x 2'" stakes are to be driven into the ground to a depth of 24" below the bottom of the excavation. This should be done before setting the tree, or if after setting, be done in such a way as to not injure the roots or damage the root ball.
B. Guying - trees shall be guyed to the stakes at a height of about four feet using #10 gauge galvanized steel wire in a piece of rubber hose, the wire shall be fastened to the stake in such a manner that the wire will not slip nor come into contact with the tree trunk. Guys broken within two years of planting shall be replaced. Stakes and guys shall be removed following the second growing season after planting.
11. Removal of planting debris
Removal of debris is required. The property must be left in a neat and orderly condition in accordance with good and accepted planting practices.
12. Guarantee and inspection
A. All plant material shall be guaranteed for a period of 12 months from the date of installation. The homeowner must request a final inspection for acceptance at the end of the guarantee period when the plant material is in full leaf. The homeowner shall make arrangements acceptable to the Township that all landscape improvements shall be maintained in a healthy and/or sound condition or otherwise be replaced once by equivalent improvements for a period of at least 12 months following their acceptance by the Township, except as otherwise required by the Township Subdivision and Land Development Ordinance. After installation and prior to Township acceptance of the site improvements, representatives of the Township shall perform an inspection of the finished site for compliance with the approved planting plan. Provided that the finished site is found to be acceptable, the twelve-month guaranty period shall commence five days from the date of inspection. Plants found to be in poor health or lacking normal growth habit shall be replaced with a substitute plant material determined by the Township to be more suitable for the planting scheme. Replacement plants shall be inspected by representatives of the Township after installation. All plants shall be in a vigorous and thriving condition at the end of the twelve-month period as determined above. Final inspection of the site following the twelve-month period will be made by representatives of the Township and final approval given.
B. Required replacement will be made according to the same specifications and guarantee as the original plant material, unless the original plant material is deemed unsuitable for site conditions. Then a native alternative will be chosen for replacement that is better suited to site conditions.
C. In case of disagreement regarding the conditions and satisfactory establishment of a rejected plant, the contractor may, if approved by the owner, allow the plant to remain through another growing season, at which time the rejected plant if found to be dead or in an unhealthy or badly impaired condition, shall be replaced.
D. Where accidental damage or vandalism of plants occurs, the applicant shall replace the damaged plant material in accordance with the original or modified planting plan. In such cases the twelve-month replacement policy required above will be waived, and any remaining time in the guarantee period shall be binding for repeat replacements.
E. Upon completion the homeowner is to provide the township with the names and addresses of those persons/businesses who shall be assuming the responsibility for the long-term maintenance of the landscape.
NOTES
1. The location of all trees shall be adjusted as field conditions warrant with the approval of Landscape Design Group.
2. The plan is based upon a survey by Jeffrey P. Turner, P.L.S., Collegeville, PA, dated February 23, 2017.

SEEDED AREA MAINTENANCE SPECIFICATIONS

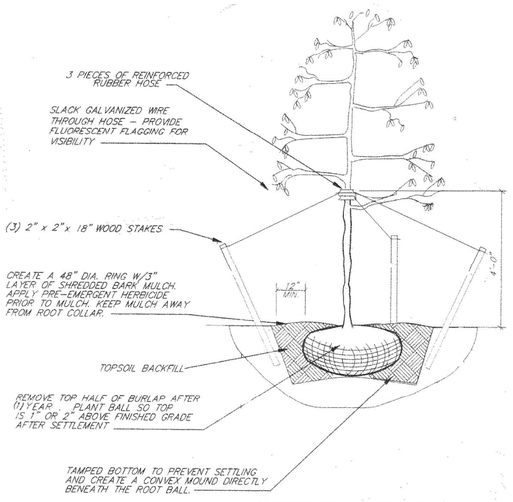
Manicured Lawn
Regular mowing and fertilizing as determined by homeowner and lawn service to maintain optimal lawn health.

PLANTING SCHEDULE

Key	Qty	Latin Name	Common Name	Size	Notes
		Shade Trees			
PC	4	Pyrus Calleryana "Chanticleer"	Chanticleer Pear	16 - 18', 3 - 3 1/2" cal	B&B
AR	3	Acer Rubrum "Red Sunset"	Red Sunset Maple	16 - 18', 3 - 3 1/2" cal	B&B
QA	1	Quercus Acutissima	Sawtooth Oak	16 - 18', 3 - 3 1/2" cal	B&B
ARK	7	Acer Rubrum "Karpick"	Karpick Maple	16 - 18', 3 - 3 1/2" cal	B&B
		Evergreen Trees			
PA	18	Picea Abies	Norway Spruce	8 - 10', 4" cal	B&B
PF	4	Pinus Flexilis	Limber Pine	8 - 10', 4" cal	B&B
TO	9	Thuja Occidentalis "Green Giant"	Green Giant Arborvitae	8 - 10', 4" cal	B&B
IA	1	Ilex x Aquipernyi "Dragon Lady"	Dragon Lady Holly	10 - 12', 4 1/2" cal	B&B
IAD	1	Ilex x Aquipernyi "Dragon Lady"	Dragon Lady Holly	8 - 10', 3 1/2" cal	B&B
		Flowering Trees			
PY	5	Prunus x Yedoensis "Akebono"	Akebono Cherry	10 - 12', 3 - 3 1/2" cal	B&B
CK	5	Cornus Kousa	Kousa Dogwood	10 - 12', 3 - 3 1/2" cal	B&B
AG	1	Acer Griseum	Paperbark Maple	12 - 14', 3 - 3 1/2" cal	B&B
LI	1	Lagerstroemia Indica	Crape Myrtle	8 - 10', 2 1/2 - 3" cal	B&B
LG	2	Lagerstroemia "Gamad 1"	Dwarf Crape Myrtle	5 - 6', 2 1/2 - 3" cal	B&B
AC	1	Amelanchier Canadensis	Amelanchier	8 - 10', 2 1/2 - 3" cal	B&B
		TOTAL CALIPER REPLACEMENT COUNT:		220 Caliper Inches	
		Shrubs			
	4	Syringa Vulgaris	Lilac	4'	
	11	Hibiscus Syriacus	Rose of Sharon	3 - 4'	
	24	Hydrangea Paniculata "Jane"	Little Lime Hydrangea	7 gallon	
	7	Weigelia Florida 'Alexandra'	Weigelia Wine & Roses	5 gallon	
	6	Abelia x Grandiflora "Little Richard"	Abelia Little Richard	5 gallon	
	25	Viburnum Tomentosum "Summer Snowflake"	Summer Snowflake Viburnum	7 gallon	
	5	Rosa "Radrazz"	Knockout Rose	5 gallon	
	3	Deutzia Gracillus "Nikko"	Deutzia	3 gallon	
	6	Rosa 'Novarospop'	Drift Rose	3 gallon	
	8	Spirea Japonica 'Little Princess'	Little Princess Spirea	3 gallon	
	5	Clethra Alnifolia	Clethra	3 gallon	
	8	Clethra Alnifolia "Ruby Spice"	Clethra Ruby Spice	3 gallon	
	3	Buxus 'Green Mountain'	Boxwood	48"	
	8	Buxus 'Green Mountain'	Boxwood	36"	
	10	Prunus Caroliniana	Cherry Laurel	24 - 30"	
	20	Osmanthus Fragrans	Osmanthus	7 gallon	
	18	Pennisetum Alopecuroides	Fountain Grass	3 gallon	
	10	Panicum 'Northwind'	Northwind Grass	3 gallon	
	8	Miscanthus Sinensis "Adagio"	Adagio Grass	6 gallon	
	200	Andropogon	Little Blue Stem Grass	2 gallon	
	295	Schizachyrium scoparium	Perennial	container	
	2,750	Vinca Minor	Vinca	peat pot	
	1,900	Liriope Muscari	Liriope	container	



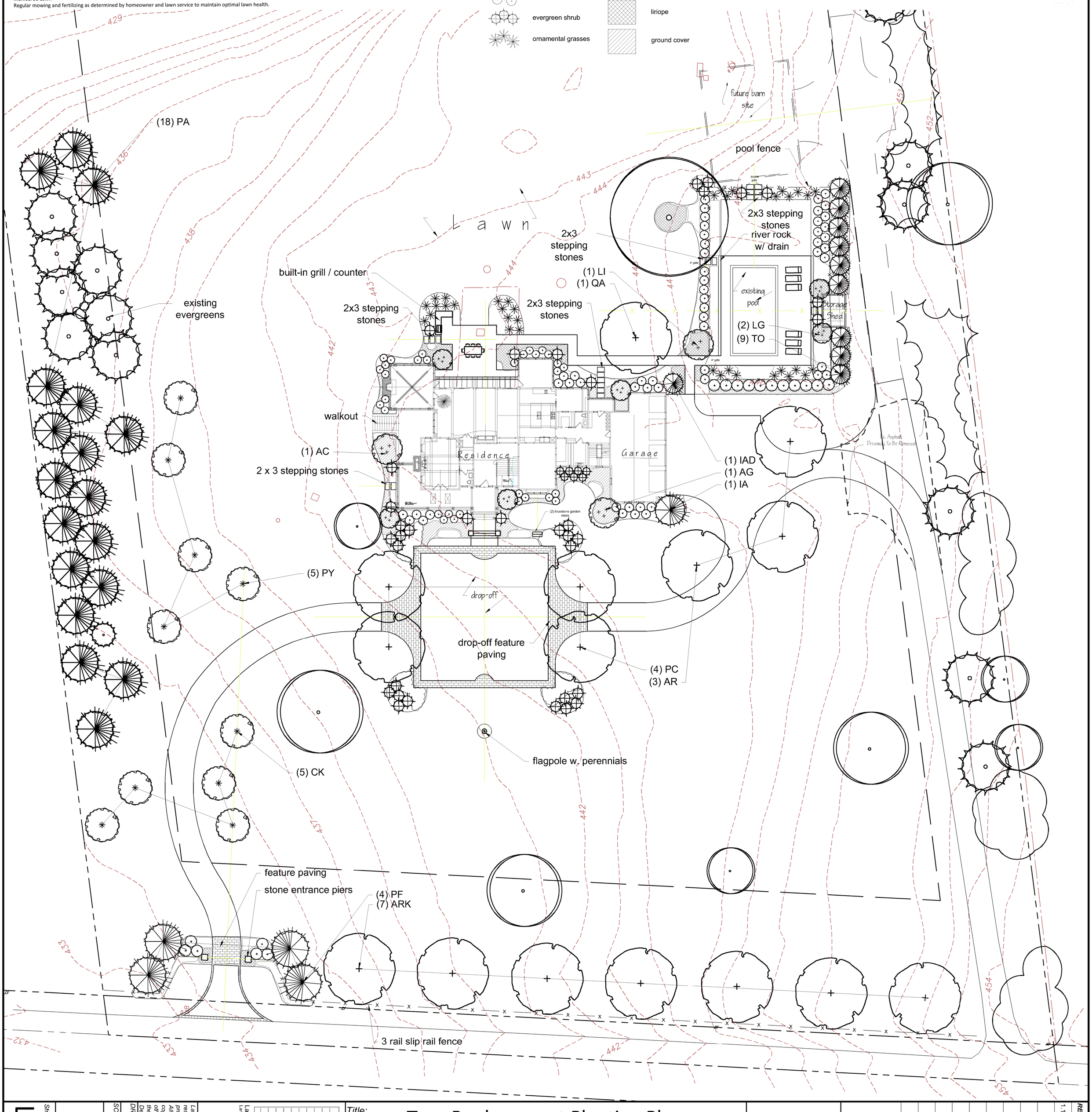
EVERGREEN TREE PLANTING & STAKING DETAIL



DECIDUOUS TREE PLANTING & STAKING

PLANT KEY

shade tree
multi-stem tree
ornamental tree
evergreen tree
upright evergreen tree
deciduous shrub
evergreen shrub
ornamental grasses
perennials
liriope
ground cover



Title: Tree Replacement Planting Plan
prepared for
Project Name: Wentz Residence
765 Hillview Road
Malvern, PA

Landscape Design Group, Inc.
Landscape Architecture and Construction
4284 Burnt House Hill Rd
Doylestown, PA 18902
phone: 215.340.7890
fax: 215.340.5495

Landscape Design Group Inc. reserves copyright and other property rights in these plans. All drawings, specifications and copies, photographic or otherwise, are and shall remain the property of Land scape Design Group Inc.

DRAWN BY: FJM / CM
SCALE: 1"=20'-0"
Sheet No: LP1 of 1

REV. DATE // NOTES
1.15.18- DRAFT