

PLANTING SPECIFICATIONS

1. General

A. Scope: The Landscape Contractor shall provide all labor, materials, and equipment necessary to complete the work shown on the drawings and described in the specifications. The Landscape Contractor shall verify all quantities of plant material shown on the plan and in the plant list. In the event of a discrepancy between the quantities shown on the plan and in the plant list, the plan shall govern. Immediately inform the Landscape Architect of any such discrepancy before delivering or installing any plant material.

B. Utilities: The Landscape Contractor shall notify Miss Utility (1-800-257-7777) to verify the location of all main utilities and shall ask the General Contractor to locate lighting and other on-site utilities in the field before proceeding with the installation of any planting. If conditions arise in the field which necessitate the shifting of a plant location more than 15', the Landscape Architect is to be consulted.

C. Substitutions: Any change in the type, size and quantity of plant material must be approved by the Landscape Architect

D. Quality Standards: All plant material must be nursery grown and meet all of the qualitative criteria established by the current issue of the American Standard for Nursery Stock specifications published by the American Nursery & Landscape

Furthermore, all plant material must exhibit a full, symmetrical habit of growth that is characteristic of quality grown nursery stock. Any plant material exhibiting a spindly or lop-sided habit or any other feature that detracts from its health or appearance, will be rejected.

E. Dug Material: All dug plant material shall have been dug before bud break or after leaf maturation. Any plant material exhibiting drooping new growth within two (2) weeks of being planted will be rejected and must be removed from the job.

Balled and burlapped plants shall be dug with firm natural balls of earth.

Anti-desiccants shall be applied on all material dug while in foliage.

F. Poor Drainage: No plants shall be planted in situations that show obvious poor drainage. Such situations shall immediately be brought to the attention of the Landscape Architect and Owner, and if they deem necessary, the plants shall be relocated or the contract shall be adjusted to allow for drainage correction at a negotiated cost.

G. Site Preparation: It shall be the General Contractor's responsibility to present "clean" soil conditions to the Landscape Contractor prior to any landscape installation. "Clean" soil may include on-site soil but must be free of pavement materials, muck, root systems, petroleum or other chemical substances, blue stone, construction debris and other materials larger than 4" in diameter. The "clean" soil shall extend to the following minimum depths: 18" where trees are proposed, 12" where shrubs are proposed and 4" where lawn is proposed. If the Landscape Contractor encounters any areas to be deficient regarding these "clean" soil specifications, he shall report this condition to the Landscape Architect and Owner prior to planting in those areas.

H. Morkmanship: During planting, all areas shall be kept neat and clean, and all reasonable precautions shall be taken to avoid damage to existing plants, turf and structures. Upon completion, all debris and waste material resulting from planting operations shall be removed from the project and the area cleaned up. Any damaged areas shall be restored to their original condition.

 Water: If available on-site, the Owner shall supply water at no cost. It will be the Landscape Contractor's responsibility to supply water if there is none on the site.

J. Guarantee: All plant material shall be guaranteed for a period of one (1)year. It is the Landscape Contractor's responsibility to assure that all plant material be maintained in a healthy condition during this period.

The Landscape Contractor shall replace within 30 days of notice any and all plant material that declines to less than 75% of its original planted condition due to cultural reasons. The Landscape Contractor shall not be responsible for replacing plants for cultural reasons after the first instance of decline. If decline for cultural reasons occurs a second time, the Landscape Architect shall be notified and an alternative planting remedy will be negotiated at an extra cost to the owner.

The Landscape Contractor shall not be held responsible for any plant losses due to mechanical injury, theft or vandalism after the job is accepted by the owner.

II. Planting Procedures

A. Planting Beds: With the exception of those trees shown on the plan as individuals, all plants are to be planted into prepared planting beds which are designated on the plan with dashed outlines. The outline of each bed shall be spade dug to be a smooth, continuous sharp-cut edge. The entire area within the outline of the bed shall be thoroughly loosened to a depth of 6-8" by picking or other means and all materials unsuitable for plant growth and all rocks and debris greater than 4" diameter are to be removed. Topsoil (that meets the qualitative description of the Maryland State Highway Administration's Materials Specification 920.02 Natural Topsoil) shall be applied over the loosened subsoil to a minimum depth of 6", creating a slightly raised planting bed in relation to the surrounding area.

B. Tree Planting:

I. Preparing tree pit: The walls of the tree pit shall be dug so that they are vertical and scarified. The diameter of the pit shall be a total of 24" wider than the ball diameter. Care should be taken not to excavate the tree pit below a depth that allows 2" of the ball to be above finished grade. If the pit is dug too deep, then the bottom of the pit must be firmly tamped (to prevent settlement).

2. Placing Tree in Pit: Place the tree in the pit either by lifting and carrying the tree by its ball (never lift by branches or trunk) and then lowering it into the

Set the tree straight and in the center of the pit with the most desirable side of the tree facing toward the prominent view (sidewalk, building, street,

3. Backfilling Tree Pit: Backfill the tree pit with a mixture of 2/3 original excavated material amended with 1/3 topsoil (as specified in 11.A. above)(This step will have been partially completed if the tree is planted into a prepared bed as described above.)

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Backfill sides of tree pit halfway with soil mixture and tamp before adding more backfill. Cut rope or wire on ball of tree and pull burlap back to the

Finish backfilling sides of tree pit and tamp firmly. Never cover top of root ball with soil.

edge of the tree ball. Remove all plastic wraps

Form a saucer above existing grade and around the outer rim of the tree pit. Mulch top of root ball and saucer within 48 hours to a depth of 2" to 3".

Mater thoroughly on the interior of the tree saucer until it is filled, even if it is raining. A second watering may be necessary to insure saturation of the root ball. Prune out any dead or broken branches.

4. Tree bracing: All trees less than 2" cal. are to be braced with two (2) 6' hardwood stakes 180 degrees apart. All trees 2" cal. or larger are to be braced with three (3) guy wires and ground stakes spaced evenly apart (120 degrees) in a circle (see details on plan for additional information). Staking and guying shall be completed within 48 hours of planting the tree.

C. Shrub Planting:

I. Preparing Shrub Pit: The walls of the shrub pit shall be dug so that they are vertical and scarified. The diameter of the pit shall be a total of 12" wider than the ball diameter. The depth of the pit shall be at an elevation that allows 2" of the ball to be above finished grade, after the bottom of the pit has been firmly tamped (to prevent settlement).

2. Placing Shrub in Pit: Container grown material shail have the container removed and the outside of the root ball examined for the presence of encircling roots. If present, these roots should be severed with a sharp knife and loosened from the earth ball by means of pulling them out slightly by hand prior to planting. Place the shrub in the pit either by lifting or carrying the shrub by its root ball (never lift by branches) and then lowering it into the pit.

Set the shrub straight and in the center of the pit with the most desirable side of the shrub facing toward the prominent view (sidewalk, building, street,

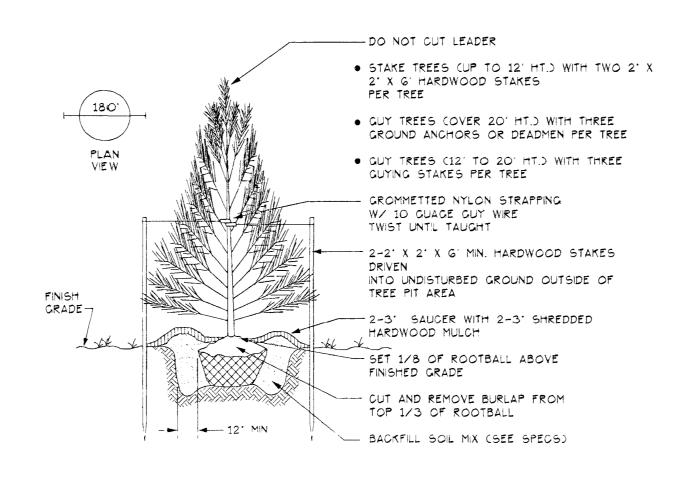
3. Backfilling Shrub Pit: Backfill the shrub pit halfway with soil mixture and tamp before adding more backfill. Cut rope or wire on ball of shrub and pull burlap (if B&B) back to the edge of the root ball. Remove all plastic wraps and twine.

Finish backfilling sides of pit and tamp firmly. Never cover top of root ball with soil. Form a saucer above existing grade and around the outer rim of the shrub pit. Mulch top of root ball, saucer, and the entire planting bed within 48 hours to a depth of 2"

Water thoroughly on the interior of the shrub saucer until it is filled, even if it is raining. A second watering may be necessary to insure saturation of root ball. Prune out any dead branches.

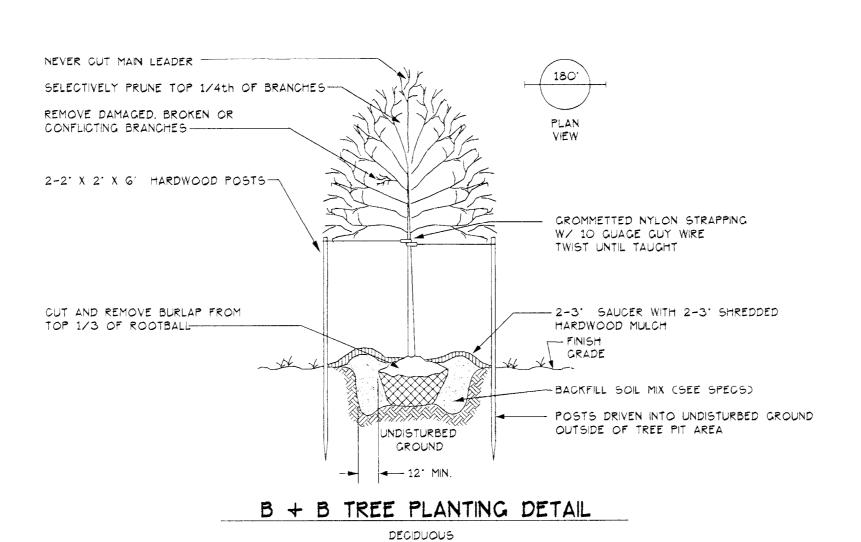
D. Seeding & Sodding

All disturbed areas not covered by buildings, pavements and planting areas are to be established in a lawn of turf-type Tall Fescue either by seed or sod, or combination, depending on the time of year, availability of materials and Owner's preference.



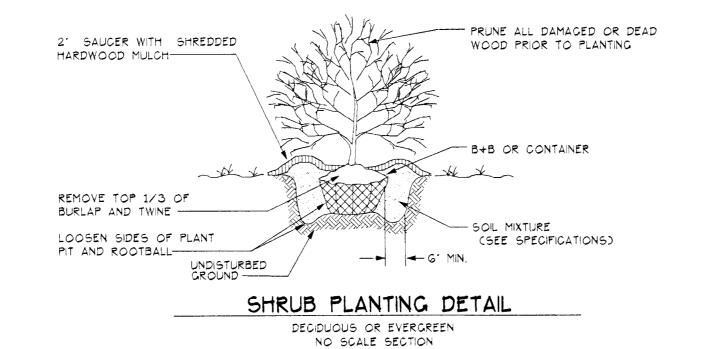
EVERGREEN TREE PLANTING DETAIL

NO SCALE SECTION





NO SCALE SECTION



			PLANT LIST				
SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS	NATIVE?
SHADI	E TREE	5					
5	4	Liquidambar styraciflua	Sweet Gum	2.5"-3" cal	As shown	B∉B	Y
Р	6	Platanus x acerifolia 'Bloodgood'	Bloodgood London Plane Tree	2.5"-3" cal	As shown	В∉В	N
Q	5	Quercus palustris	Pin Oak	2.5"-3" cal	As shown	B∉B	Y
U	10	Ulmus america 'Valley Forge'	American Elm	2.5"-3" cal	As shown	B∉B	Y
SHRUE	35, GRO	OUNDCOVERS & BULBS					
ca	38	Clethra alnifolia 'Ruby Spice'	Ruby Spice Summersweet	18"-24" spd	4' 0.c.+/-	Container	Y
ig	55	Ilex glabra 'nigra'	Nigra Compact Inkberry	18"-24" spd	4' o.c.+/-	Container	Y
INF	33	Ilex verticillata 'Winter Red	Winter Red Winterberry Holly	18"-24" spd	5' o.c.+/-	Container	Y
lwm	3	llex verticillata 'Southern Gentleman'	Southern Gentleman Winterberry	18"-24" spd	5' o.c.+/-	Container	Y

Prince George's County Planning Department, M—NCPPC Environmental Planning Section							
TREE CONSERVATION PLAN APPROVAL TCP 2 - 005 - 15							
							Approved b
00 Charles	W 3/26/15						
01							
02							
03							
04							
05							
06							

TREE CONSERVATION PLAN - TYPE 2
PENN-BELT INDUSTRIAL CENTER
PARCEL F

SPAULDING DISTRICT No. 6 PRINCE GEORGE'S COUNTY, MARYLAND

OWNER/APPLICANT
8300 PENN, LLC
1344 ASHTON ROAD
SUITE 105
HANOVER, MARYLAND 21076
CONTACT: WHIT Maccuald
PH: 443-883-8184

SHEET 2 OF 2 WSSC 200' SHEET SERIE	:5 205 SE 0	0	GRAPHIC SCALE 30 LOCATION 5651	60 B-1	1"= 30' 90		90
March 20, 2015 DATE						Engineers	
MRC	3/20/15	REVISED PER	COMMENTS D	ATED 3/12	/15 PCN	DRAWN BY DESIGNED BY CHECKED	BY RECORD NO.
Mike Petrakis Qualified Professional	DATE		DESCRIPTION		BY	SCALE " = 30'	J-72206
COMAR 08.19.06.01			REVISIONS			DATE JANUARY 2015	
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