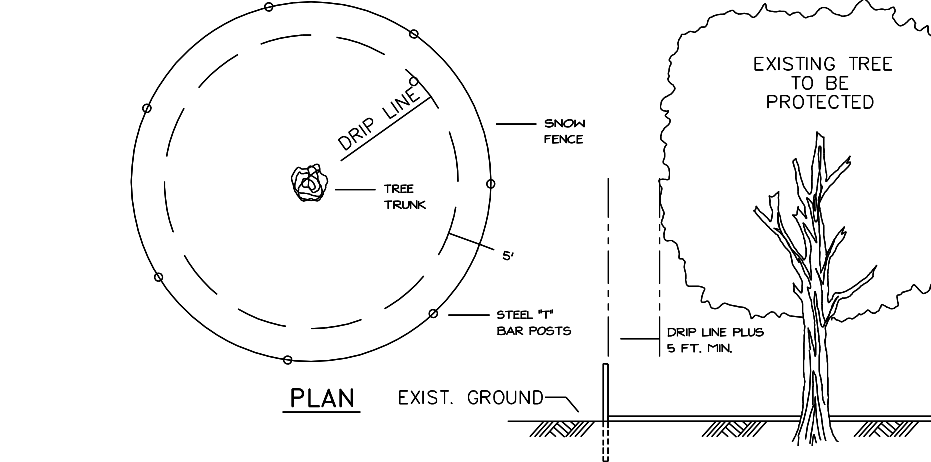


PLANT LIST					
Key	Qty	Botanical Name	Common Name	Size/Condition	Remarks
Trees					
AC	3	Amelanchier canadensis	Shadbouk (Doory) Serviceberry	8-12"	Native, riparian
AUB	10	Acer palmatum	Japanese Maple	25-30" col	Specimen
AR	10	Acer rubrum	Red Maple	35-40" col	Native, riparian
AS	1	Acer saccharum	Sugar Maple	35-40" col	Native, riparian
BNH	1	Betula nigra 'harbor' var.	River Birch	8-12"	Native, riparian
CBF	6	Cornus alternifolia	European Hornbeam (Pyramidal)	25-30" col	High branched
CCF	3	Cercis canadensis	Forest Honey Eastern Redbud	8-12"	
CF	3	Cornus florida	Flowering Dogwood	8-12" Ht	
CK	3	Cornus kousa	Kousa Dogwood	8-12"	Native, riparian
FG	5	Fagus grandifolia	American Beech	35-40" col	
FSA	1	Fagus sylvatica 'Mirovnae Pendula'	weeping Purpleleaf European Beech	30" col	
GI	3	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	35-40" col	Native, riparian
IG	4	Ilex opaca	American Holly	8-12"	
LS	5	Liquidambar styraciflua	Sweetgum	35-40" col	Native, riparian
LI	3	Liriodendron tulipifera	Tulip Tree	35-40" col	Native, riparian
PA	47	Picea abies	Norway Spruce	8-12"	
PO	3	Picea orientalis	Oriental Spruce	8-12"	
PTK	3	Prunus serotina 'Kauzani'	Kauzani Japanese Cherry	35-40" col	
OR	4	Quercus rubra	Red Oak	35-40" col	Native, riparian
QA	1	Quercus alba	White Oak	35-40" col	Native, riparian
TGS	32	Thuja plicata 'Green Giant'	Green Giant Arborvitae	10-12"	
Shrubs					
AZY	20	Asiole Delaware Valley White	Delaware Valley White	3g	
AZP	45	Asiole polkhanensis Compacta	Polkhanensis	3g	
BNH	14	Betula microphylla var. 'Koreana Winter Gem'	Koreana Winter Gem	24-30"	
CS4	34	Cedrus deodara 'Hummelgard'	Hummelgard Sweet Cedar	3g	Native, riparian
CHP	4	Chamaecyparis horizontalis 'Prostrata'	Spreading Japanese Palm Tree	3g	
CCS	5	Chamaecyparis obtusa 'Cripps'	Golden Sced Cedar	4-5"	
DGN	27	Desfontainia speciosa	Golden Pines	3g	
HL	30	Hydrangea paniculata Little Lime	Little Lime Hydrangea	3g	
HO	44	Hydrangea quercifolia	Oakleaf Hydrangea	3g	
HTS	10	Hydrangea macrophylla 'Endless Summer'	Endless Summer Hydrangea	3g	
HTL	56	Hydrangea paniculata 'Limelight'	Limelight Hydrangea	4-5" Ht	
HA	36	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	3g	
HE	44	Hydrangea arborescens 'Innocent'	Innocent Hydrangea (White)	3g	Native, riparian
HY	57	Hypericum x hybrid	St. John's Wort	3g	
IB	24	Ilex 'Neroli'	Blue GFI Holly	3g	
JT	24	Juniperus sibirica 'Tomoni'	Tomoni Juniper	3g	
KL	16	Kalmia latifolia	Panicle Lantana	3-4"	Native, riparian
LFR	50	Leucothoe fontaniana 'Robau'	Robau Fettersh (Lucothoe)	3g	
PLC	5	Prunus x Claterna	Purpleleaf Sand Cherry	3-4"	
PLD	10	Prunus lauro-cerasifolia 'Layard'	Old Lady Cherry Laurel	3g	
PLS	28	Prunus lauro-cerasifolia 'Schipkai'	Skip Laurel	3g	
PBS	9	Prunus japonica 'Browers Beauty'	Browers Beauty Andromeda	30-36"	
RT	49	Rhododendron maximum	Native Rhododendron	3g	Native, riparian
SLH	17	Spiraea lime 'Mound'	Lime Mound Spiraea	3g	
VC	30	Viburnum cerasifolia	Karamekela Viburnum	4-5"	
VR	84	Viburnum rhytidophyllum	Leatherleaf Viburnum	3-4"	
VPL	16	Viburnum plicatum tomentosum 'Shadblow'	Shadblow Viburnum	4-5"	
Ornamental Grasses					
CP	520	Carex pensylvanica	Pennsylvania Sedge	g	
HT	54	Habenaria macro 'AS Gold'	'AS Gold' Habena Grass	g	
RF	107	Calamagrostis x aestivata 'Karl Foerster'	Reed Sutch Grass	2g	
Perennials					
CSB	44	Chrysanthemum x superbum 'Becky'	Becky Shasta Daisy	g	
LTR	101	Ligularia 'The Rocket'	Rocket Plant	g	
LUB	17	Ligularia dentata 'Della Marie Crawford'	Lion's Foot	g	
HS	128	Helleborus struthiopteris	Colchic Fern	g	Native, riparian
NL	13	Nepeta x fossensii 'Walker's Lou'	Walker's Lou Catmint	g	
OK	32	Oenanthe diemontiana	Chrysanthemum	g	
PHS	104	Polystichum termitoides	Polystichum	Plant / 50 per	

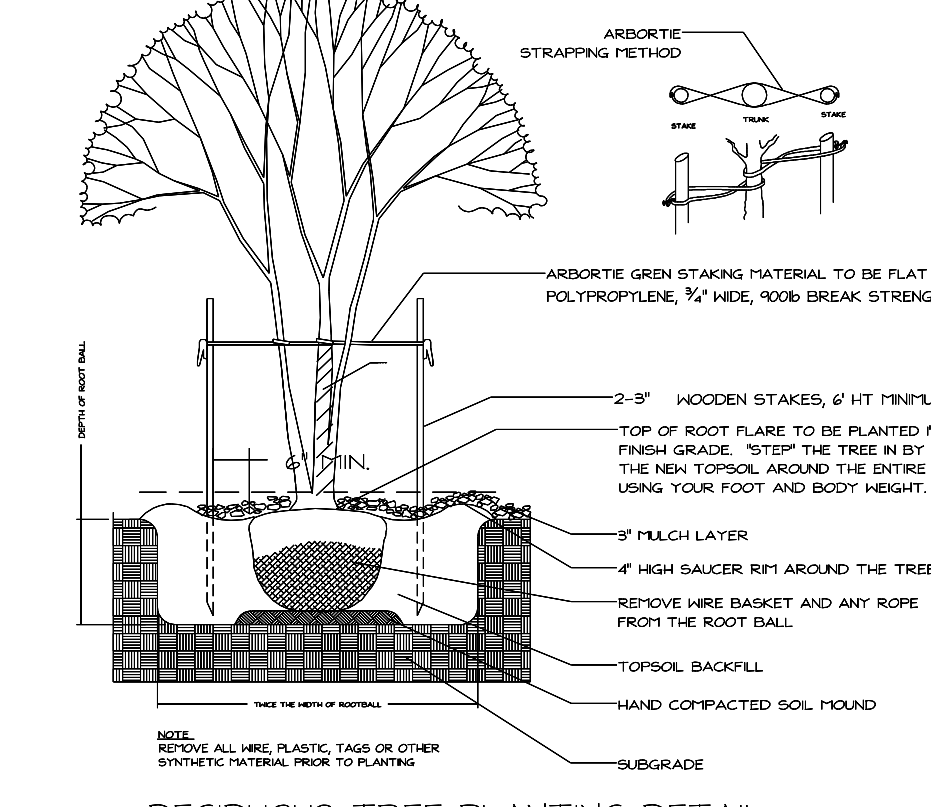
- NOTES**
- All proposed plantings located within the 50' Riparian Zone are native, riparian species and were selected from New Jersey Stormwater Best Management Practices Manual.
 - Required irrigation trees: 25 major trees (20% provided), 8 Evergreen Trees (16% provided).

LIGHTING LEGEND					
SYMBOL	DESCRIPTION	WATTAGE	MANUFACTURER	TYPE	NOTES
1	WALL MOUNT LIGHT	100W	OSRAM	RECESSED	LED 24, 30, 36W
2	REIN / AREA LIGHT	100W	OSRAM	RECESSED	LED 24, 30, 36W
3	UP LIGHT	100W	OSRAM	RECESSED	LED 24, 30, 36W

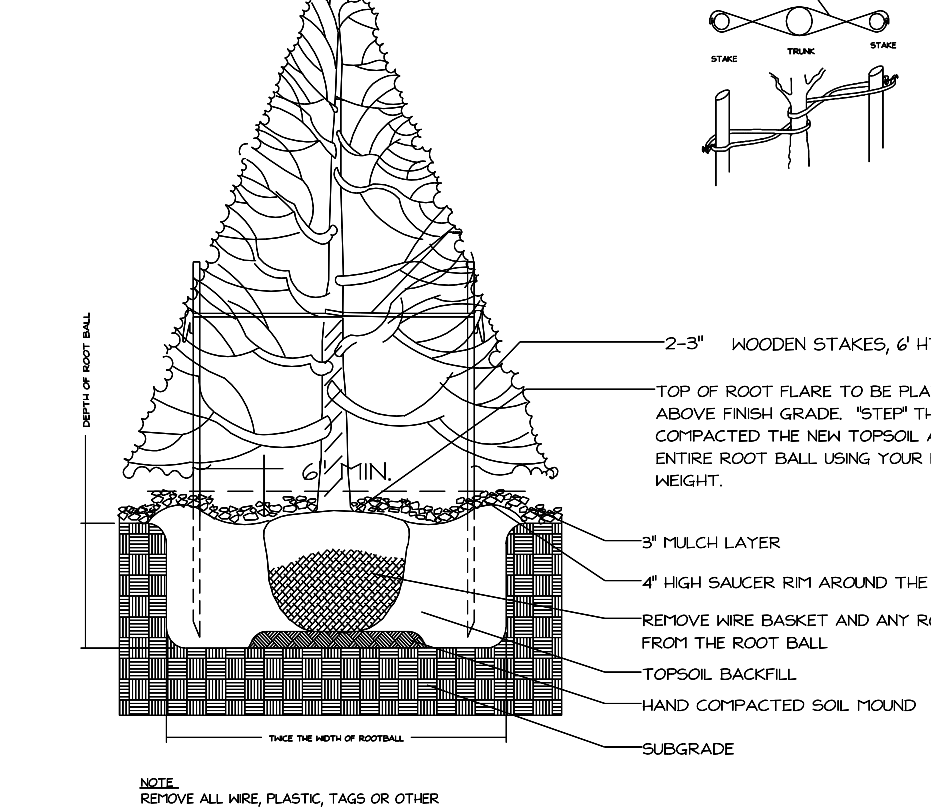


- TREE PROTECTION NOTES**
- Tree protection shall be provided for any and all trees to be preserved during and after construction.
 - 4 inch orange plastic safety fencing shall be placed around the perimeter of the tree at the drip line (1.5 x 5 ft).
 - Roots shall not be cut in an area inside the drip line of the branches.
 - Tree limb removal, where necessary, shall be done flush with trunk or main limb and painted immediately with tree protection paint.

TREE PROTECTION DETAIL



DECIDUOUS TREE PLANTING DETAIL



EVERGREEN TREE PLANTING DETAIL

PRESERVATION OF EXISTING TREES

- Tree protection shall be provided for existing trees, non-disturbance buffer zone, woodland to remain and any wetland buffers. Tree protection shall remain through the duration of construction. Contractor shall install orange safety fence to mark the protection area at 5' from the drip line of the trees or critical root radius, whichever is greater (see Tree Protection Detail). ONLY if it has been determined in advance, fencing may be placed at the drip line of trees but NEVER within the drip line.
- No machines, vehicles, equipment, tools etc. re to enter, park or be stored in delineated protection areas. A small skid-steer loader with a max. weight of 6,000 lbs shall be used to transport topsoil in and debris out, only traveling on asphalt. Remove asphalt only to required depth leaving loose stones in place. Place topsoil with machine utility in place over existing asphalt. No entry shall be permitted over removed asphalt course. Hand place or blow mulch immediately upon completion of topsoil dressing and irrigation area. Area shall be irrigated regularly during non-rain periods to reduce stress on existing trees upon completion of removal, dressing and mulching. Install plants and deep root feed existing trees 4' shrubs in the area.
- No grading or storage of materials, natural or chemical, shall occur within any protected areas. No machines, vehicles, equipment, tools, work, raking or cutting, construction materials, storage of any kind, storage sheds / trailers of any kind, stock piling, topsoil, debris, etc. are to enter, park, or be stored near or against existing trees, the woodland tree line (min. 5' away from drip line of tree line), delineated tree protection areas, Non-Disturbance Buffer Zone and along wetland buffer lines (Transition Area).
- Periodic inspections shall be conducted during construction to ensure that construction fences remain intact, tree protection measures are being followed, and to evaluate the health of trees being saved. Tree protection areas shall be irrigated regularly during non-rain periods both during and after construction to reduce stress on existing trees. Fertilization and soil amendment applications, as necessary to promote root growth of stressed trees and shrubs post construction, shall be performed.
- Care shall be taken while tilling or grading (in areas outside the tree protection zones) not to extensively damage the root systems of any trees encroaching upon work area.
- Contractor shall review 'Protection Against Remediation of Soil Compaction' notes on this plan. The Contractor shall review and coordinate his work with both the approved Engineer's and Landscape Architect plans.
- Only existing trees of 8" caliper and above are located on these plans. Existing trees of less than 8" caliper throughout the site are important and have significant environmental and aesthetic value to this property. These trees are also to be protected with tree protection fencing. The contractor shall not remove these trees (which may exist within the 20' non-disturbance buffer or may exist outside the limit of disturbance), unless specifically noted on the plans or without the prior knowledge of the Borough's Landscape Architect.
- For permanent fencing to be installed within non-disturbance Buffer Zone and along wetland buffers Post footings shall be excavated and installed with hand tools, with no mechanical trenching or machine access. No linear cutting or trenching through existing tree roots shall occur.

GENERAL NOTES

- All plantings shall conform to the work detailed in the drawings and described in the notes. The contractor, and all sub-contractors where applicable, shall furnish all materials, equipment, and labor necessary to execute such work.
- The contractor shall schedule the planting work in coordination with all other work of the project, and shall so advise the landscape architect, prior to the commencement of any planting operations. The contractor shall further regularly advise the landscape architect as to changes in the schedule. The contractor shall verify quantities of plant materials shown on the drawing and plant list, and shall bring all discrepancies to the immediate attention of the landscape architect. Without such notice, all discrepancies shall be resolved in favor of the higher quantity, at the contractor's expense.
- Plant materials shall be provided in accordance with the American Association of Nurserymen standards for size, health and typical habit of growth. No plant substitutions will be permitted without the consent of the landscape architect. The landscape architect has the right to reject any plant material for proper cause.
- The site shall be properly prepared for planting prior to the commencement of all planting operations. This includes proper grading, in accordance with the drawings, or as directed by the landscape architect.
- All planting beds shall be a backfilled or rotted topsoil mixture consisting of (7) parts topsoil to (1) part humus. Topsoil shall be obtained from stockpiled sources on site, or from outside sources provided by the contractor. Soil depths shall be 12" deep for beds, 6" deep for groundcovers areas and 2" to 4" deep for lawn. Individual planting holes shall be 12" larger in diameter and 6" deeper than the ball of the plant. After a planting bed has been prepared, the contractor shall test the soil and provide lime or fertilizer as may be necessary.
- Unless so specifically requested otherwise, the contractor shall lay out all plant material in accordance with the drawings, for approval by the landscape architect, prior to final placement by the landscape architect, and planting.
- Planting operations shall be executed in accordance with the best practices of the industry. Plants shall be properly protected and handled at all times. Plants shall be planted straight and true, and at the proper depths. All tags, labels, non-degradable ball material, branch bindings, and balling shall be removed immediately after plants are backfilled. Unless otherwise requested by the landscape architect, all trees over 1/2" inch caliper shall be staked or guyed; the contractor shall use cedar stakes with wire and protective hose. Neatly planted material shall be pruned by the contractor as directed by the landscape architect.
- All planting beds shall be mulched with 2 to 3 inches of double shredded hardwood mulch. The contractor shall properly maintain all plantings prior to final acceptance.
- All planting work shall be guaranteed with a one time replacement, for a period of (1) year after final acceptance. All plants in which fifty percent of the branches are dead shall be replaced at no cost to the owner, provided there has been, in the opinion of the landscape architect, reasonable and adequate care by the owner. At the end of the period of guarantee, the contractor shall remove all above grade tree stakes at no cost to the owner.

PROTECTION AGAINST AND REMEDIATION OF EXCESS SOIL COMPACTION

- DURING THE CONSTRUCTION PROCESS, THE OWNER AND CONTRACTORS SHALL TAKE CARE TO AVOID COMPACTION OF SITE SOILS IN ORDER TO SUPPORT WATER INFILTRATION AND A SUSTAINABLE ENVIRONMENT FOR PLANT AND TURF GROWTH. SITE SOILS (INCLUDING TOPSOIL AND SUBSOILS) SHALL BE EITHER PROTECTED OR REMEDIATED TO MAINTAIN LOW DEGREE OF COMPACTION.
- EXCEPT TO THE ABOVE SHALL BE AREAS DESIGNATED FOR PAVEMENT, STRUCTURES AND UTILITY TRENCHES.
- AREAS WHERE COMPACTION OF SITE SOIL IS UNAVOIDABLE, THE OWNER AND CONTRACTOR(S) SHALL REMEDIATE BY SPRINKLING, TILLING, MECHANICAL FRACTURING, LOOSING AND SOIL FRACTURING BY PNEUMATIC AERATION DEVICES. REMEDIATION SHALL BE TO A MINIMUM DEPTH OF 12" OR DEEPER WHERE CONCERNS OF EXCESSIVE SUBSURFACE COMPACTION EXISTS.
- SPECIAL CARE SHALL BE TAKEN WITHIN THE CRITICAL ROOT ZONE OF TREES. SERVICES OF PROFESSIONAL ARBORISTS ARE RECOMMENDED IN THE CASE OF REMEDIATION.
- REMEDIATION WORK SHALL BE COORDINATED WITH THE GRADING OF THE SITE AND INSTALLATION OF SUBSURFACE UTILITIES. REMEDIATION WORK PERFORMED AFTER THE INSTALLATION OF SUCH UTILITIES WILL POSE SAFETY AND LOGISTICAL PROBLEMS. REMEDIATION WORK PERFORMED AT THE END OF THE PROJECT WILL HAVE A GREATER COST IMPACT THAN A PLANNED AND INTEGRATED EFFORT.
- All existing debris on site (especially on the western portion of the site below the existing pool) will be cleaned and cleared.

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Edry Residence
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Prepared By:
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Sheet Title: **Schematic Landscape Plan**

Scale: 1" = 20'
 Lot 3.01 Block 120.01 Sheet 1 of 1
 Date: 11/5/2024 Drawing #: L-2453

Christopher L. Karach NLLA AS00923