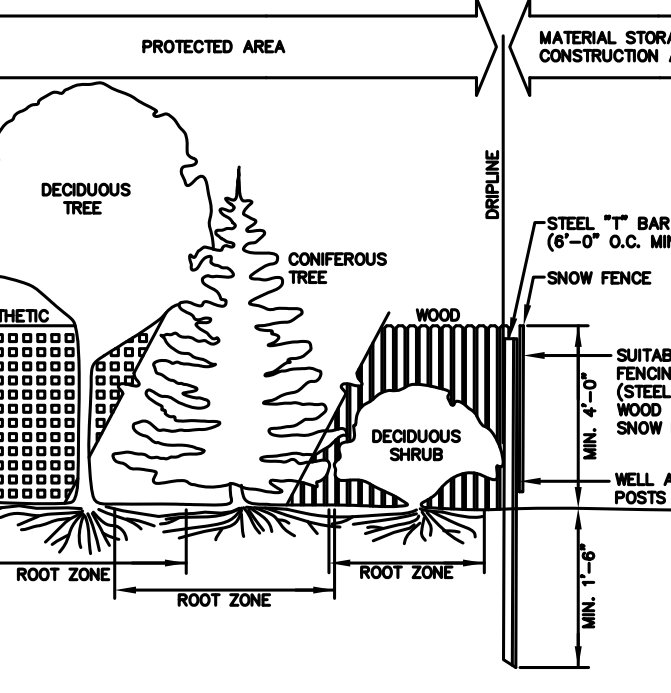


PLANTING NOTES:

- THE LANDSCAPE CONTRACTOR SHALL FURNISH ALL PLANT MATERIAL AND INSTALLATION AS INDICATED, INCLUDING ALL LABOR, MATERIALS, EQUIPMENT, INCIDENTALS (INCLUDING WATERING) AND CLEAN-UP.
- THE LANDSCAPE CONTRACTOR SHALL PERFORM SOIL SAMPLING OF THE SITE IF DEEMED NECESSARY, PRIOR TO ANY PLANT INSTALLATIONS TO DETERMINE SOIL CHARACTERISTICS. IF NECESSARY, ADJUSTMENTS SHALL BE MADE BY THE LANDSCAPE CONTRACTOR IN COOPERATION WITH THE OWNER BASED ON THE SOIL TEST REPORT TO ENSURE SURVIVAL OF ALL PLANT MATERIAL.
- THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES AND/OR CONFLICTING SITE ADJACENTS PRIOR TO STARTING THE WORK.
- ALL PLANTS SHALL BE DUG, PACKED, TRANSPORTED, AND HANDLED WITH UTMOST CARE AND PROTECTION FROM INJURY AND DESICCATION.
- ALL PLANTS SHALL BE FREE FROM DISEASE AND INFESTATION.
- THE CENTRAL LEADER SHALL NOT BE CUT, DAMAGED, OR BROKEN. NO PLANT WITH CENTRAL LEADER DAMAGE SHALL BE ACCEPTED.
- ALL PLANTS SHALL BE PRUNED BY THE SUPPLIER OR NURSERY IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES TO ENHANCE VIGOR PRIOR TO, OR UPON INSTALLATION, WHILE RETAINING THE NATURAL HABIT OF THE PLANTS. NO HEALTHY LIMBS SHALL BE PRUNED EXCEPT AS NECESSARY FOR SIGHT EASEMENTS.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION AND HAVE AN ACCEPTABLE HABIT. PROVISIONS SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST TWO YEARS FOR TREES AND A MINIMUM OF ONE YEAR FOR SHRUBS OR AS PER THAT WHICH MAY BE STATED IN THE MUNICIPALITY'S LAND DEVELOPMENT ORDINANCE. REPLACEMENTS SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCESSFUL PLANTING SEASON. ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE WATER AND FERTILIZER TO ALL PLANT MATERIAL DURING THE GUARANTEE PERIOD TO ENSURE PLANT SURVIVAL.
- TREES SHALL BE ROOTED INTO THE BALL SO THAT SOIL OR MEDIA REMAINS INTACT AND TRUNK AND ROOTBALL MOVE AS ONE WHEN LIFTED. THE TREE TRUNK SHOULD BEND WHEN GENTLY PUSHED, NOT PIVOT AT OR BELOW THE SOIL LINE.
- THE POINT WHERE THE TOP-MOST ROOT IN THE ROOT BALL EMERGES FROM THE TRUNK (FLARE) SHALL BE VISIBLE SLIGHTLY ABOVE THE SOIL SURFACE.
- THE RELATIONSHIP BETWEEN CALIPER HEIGHT AND ROOTBALL SIZE FOR ALL TREES SHALL MEET ANSI Z60.1 STANDARDS.
- ALL DECIDUOUS SHADE TREES SHALL HAVE ONE DOMINANT CENTRAL LEADER, MORE OR LESS STRAIGHT TO THE TOP OF THE TREE WITH THE LARGEST BRANCHES SPACED AT LEAST 6 INCHES APART.
- THE TREE CANOPY SHOULD BE SYMMETRICAL, FREE OF LARGE VOIDS, AND TYPICAL OF THE SPECIES OR CULTIVAR.
- SHADE TREE BRANCHES SHOULD BE LESS THAN 2/3 THE TRUNK DIAMETER, FREE OF BARK INCLUSIONS, AND MORE OR LESS RADIIALLY DISTURBED AROUND THE TRUNK.
- TREE TRUNKS AND MAIN BRANCHES SHALL BE FREE OF WOUNDS, DAMAGED AREAS, COMBS, BLEEDING, AND ANY SIGNS OF INSECTS OR DISEASE.
- BACKFILL MATERIAL FOR PLANTING PITS SHALL BE ONE-THIRD PEAT MOSS, ONE-THIRD SCREENED TOP SOIL, AND ONE-THIRD TOPSOIL FROM THE SITE (NATIVE), FREE OF ACIDIC MARL, STICKS, LARGE STONES, DEBRIS, OR OTHER OBJECTIONABLE MATERIAL.
- PLANTS SHALL BE SET TO ULTIMATE FINISH GRADE SO THAT THEY BEAR THE SAME RELATIONSHIP TO THE SURROUNDING GRADE AS THEY HAD PRIOR TO BEING DUG. ALL PLANTS SHALL BE SET PLUM AND STRAIGHT IN THE CENTER OF THE PIT WITH THE TRUNK FLARE VISIBLE AND SLIGHTLY ABOVE THE FINISH GRADE.
- ANY EXCESS BRANCHING OF ALL BALLED AND BURLAPPED BRADY PLANTS SHALL BE CUT AND REMOVED ALONG WITH THE BURLAP ON THE UPPER ONE-THIRD PORTION OF THE ROOT BALL PRIOR TO BACKFILLING. SYNTHETIC MATERIALS SHALL BE COMPLETELY REMOVED. TREES INSTALLED WITH WIRE BASKETS SHOULD HAVE THE FIRST THREE COURSES OF THE WIRE BASKET REMOVED COMPLETELY TO PREVENT THE POTENTIAL FOR GIRDLED ROOT GROWTH.
- TREES SHALL BE STAKED IMMEDIATELY AFTER PLANTING IN ACCORDANCE WITH THE DETAIL. ALL SUPPORT SYSTEMS IN DIRECT CONTACT WITH THE TREE TRUNK SHALL BE LOOSELY ATTACHED TO PREVENT GIRDLING. ALL TRUNK PROTECTION WRAPPING SHALL BE REMOVED AT THE TIME OF PLANTING. ALL STAKES AND GUYS SHALL BE REMOVED WITHIN ONE YEAR OF PLANTING.
- ALL EVERGREEN AND DECIDUOUS TREES FIVE FEET OR GREATER IN HEIGHT SHALL BE STAKED AS PER DETAIL. ALL STAKES AND GUYS SHALL BE REMOVED WITHIN ONE YEAR OF PLANTING.
- ALL BEDS SHALL RECEIVE A 3" THICK APPLICATION OF DOUBLE SHREDDED HARDWOOD MULCH. THE MULCH SHALL NOT BE PILED IN DIRECT CONTACT WITH THE ROOT COLLAR AREA OF THE TREE.
- BED LINES SHALL HAVE A CLEAN, SHARP EDGE CUT WITH A SPADE UNLESS OTHERWISE SPECIFIED.
- ANY CHANGES IN PLANT SPECIES, SIZE, OR LOCATION SHALL BE CONFIRMED AND APPROVED BY THE LANDSCAPE ARCHITECT (ICM ASSOCIATES, 732-462-7400) PRIOR TO INSTALLATION. WRITTEN APPROVAL OF ANY PLANT MATERIAL CHANGE MAY BE REQUIRED BY THE MUNICIPALITY'S LANDSCAPE ARCHITECT OR SHADE TREE COMMISSION.
- ALL PLANTING MATERIALS AND METHODS SHALL MEET OR EXCEED THE REQUIREMENTS SET FORTH BY THE MUNICIPALITY AND LATEST EDITION OF THE OF THE AMERICAN STANDARDS FOR NURSERY STOCK. THE LANDSCAPE CONTRACTOR SHOULD BE PREPARED TO MAKE AVAILABLE UPON REQUEST, A NURSERY STOCK CERTIFICATE OR PLANT DEALER CERTIFICATION TO CONFIRM NURSERY STOCK CERTIFICATION BY THE NEW JERSEY DEPARTMENT OF AGRICULTURE.
- ALL AREAS WHICH ARE TO BE DISTURBED BEYOND THE MULCHED BEDS SHALL BE SEEDED WITH THE FOLLOWING NATIVE SHORT GRASS MIXTURE:
40% LITTLE BLUESTEM
30% BLUE FESCUE OR HARD FESCUE
15% BLUE GRAMA
15% SIDE OATS GRAMA
MATURE HEIGHT OF 2' - 3'
SEEDING RATE OF 40 - 60 lbs. PER ACRE
OPTIMUM PLANTING APRIL 1 - JUNE 30
AS SUPPLIED BY ERNST CONSERVATION SEEDS OR APPROVED EQUAL.
- NO SHADE TREE SHALL BE LOCATED CLOSER THAN 15' FROM ANY LIGHT FIXTURE OR OVERHEAD COMPONENT.
- ALL EXISTING LANDSCAPING LOCATED ON-SITE TO REMAIN, UNLESS OTHERWISE INDICATED ON THE PLAN.
- IF THERE ARE ANY DISCREPANCIES BETWEEN PLANT LIST AND PLAN, PLAN SHALL BE CONTROLLING.
- TREES LOCATED WITHIN THE SIGHT TRIANGLE EASEMENTS SHALL HAVE THE LOWEST BRANCH MAINTAINED AT A MINIMUM HEIGHT OF 7' ABOVE THE INTERSECTING CENTERLINES OR WHICH IS INDICATED BY THE MUNICIPALITY'S ORDINANCE. SHRUBS SHALL BE MAINTAINED AT A HEIGHT NOT TO EXCEED 30" ABOVE THE INTERSECTING CENTERLINES.

* Note: The Following List of Trees are Considered to Have a High Risk of Failure When Dug From Growing Locations in the Fall (Autumn)

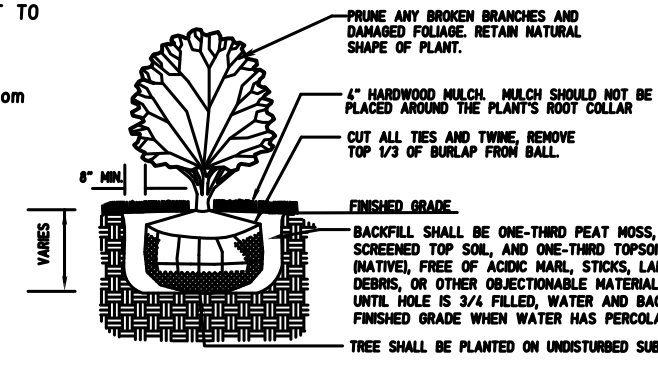
- | | | |
|----------------------------|-------------------|-----------------------------------|
| Betula varieties | Halesia varieties | Ostrya |
| Carpinus varieties | Koeleria | Prunus - all stone fruits |
| Celastrus varieties | Liquidambar | Pyrus varieties |
| Cornus varieties | Liquidambar | Quercus - all except Q. palustris |
| Malus - in leaf | Nyssa sylvatica | |
| Ulmus parviflora varieties | | |
| Zelkova varieties | | |



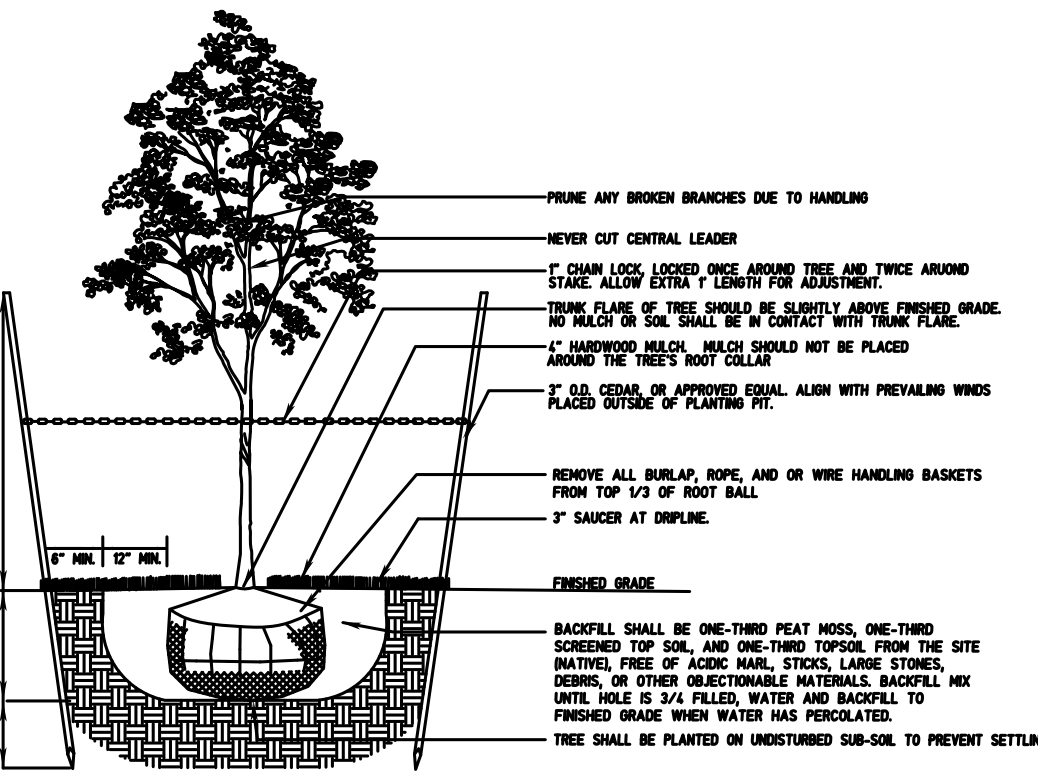
CROSS SECTION OF TYPICAL PLANT GROUPING

As the major part of the root system of the plant(s) to be protected are within the drip zone, this entire area should be fenced off (to a maximum height of 4'-0" prior to construction and removed thereafter. For maximum protection, no vehicle, tractor, excavation, fill, waste discharge or material storage should be allowed in this zone.

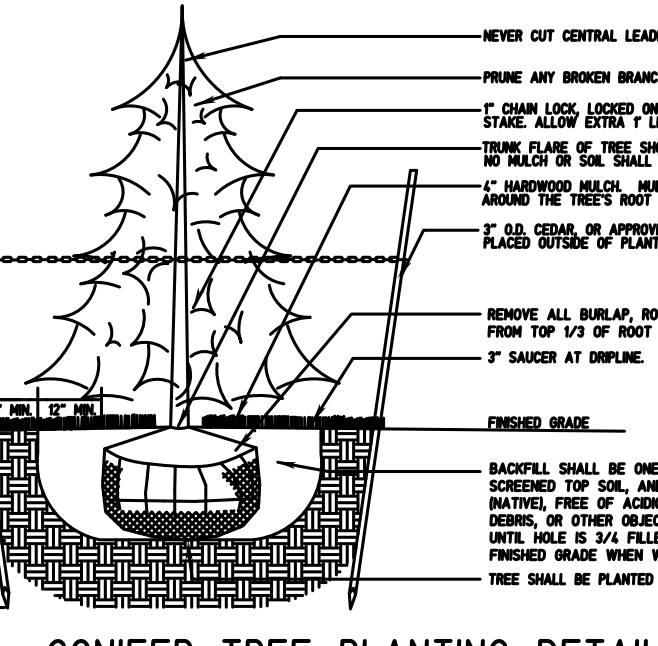
TREE PROTECTION DETAIL



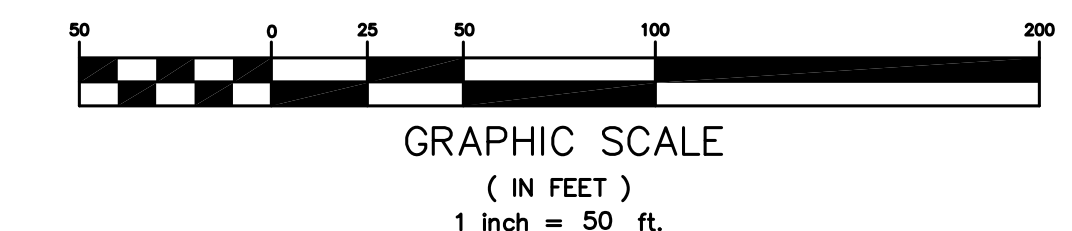
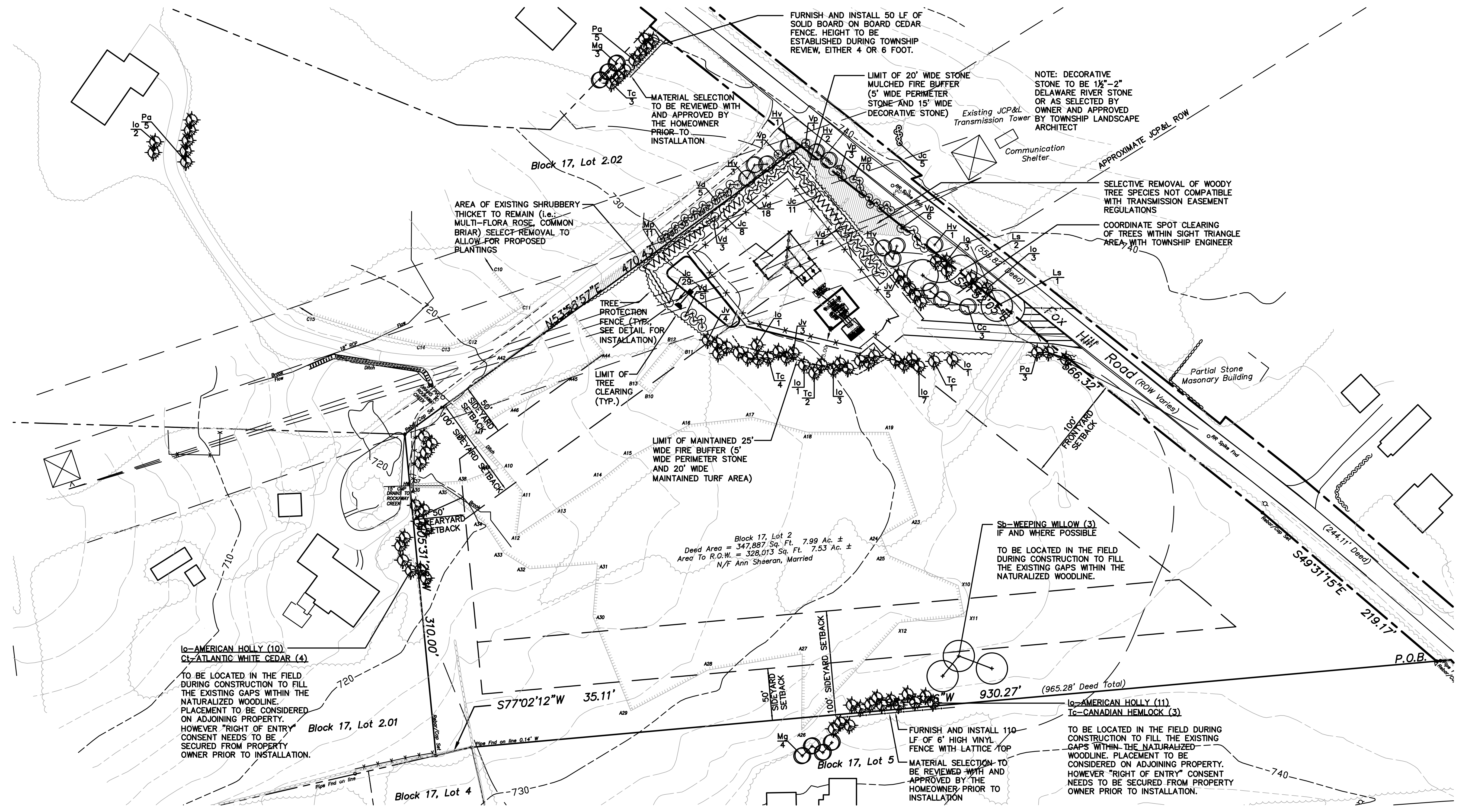
SHRUB PLANTING DETAIL



DECIDUOUS TREE PLANTING DETAIL



CONIFER TREE PLANTING DETAIL



HOMEOWNER CONSENT

NOTES:
1. THE UNDERSIGNED LAND OWNERS CONSENT TO JCP&L AND/OR THEIR LANDSCAPE CONTRACTOR RETAINED FOR THE PROJECT TO ACCESS THEIR RESPECTIVE PROPERTY FOR THE PURPOSE OF IMPLEMENTING THE PROPOSED BUFFER IMPROVEMENTS ILLUSTRATED ON THIS PLAN. JCP&L SHALL GIVE A MINIMUM OF 24 HOURS NOTICE PRIOR TO THE COMMENCEMENT OF ANY WORK.
2. ALL PLANT MATERIAL LOCATIONS SHALL BE STAKED OUT IN THE FIELD PRIOR TO THE DELIVERY OF MATERIALS TO SECURE INVT AND THE ULTIMATE APPROVAL OF PLACEMENT FROM THE RESPECTIVE HOMEOWNER.
3. HOMEOWNERS ASSUME ALL RESPONSIBILITY FOR THE ROUTINE WATERING OF ALL PLANT MATERIALS FURNISHED AND INSTALLED ON THEIR PROPERTY TO PROMOTE THE HEALTHY ESTABLISHMENT DURING THE INITIAL TRANSPLANT PERIOD.

HOLT, JONATHAN T. & ANGELA C.
2 FOX HILL ROAD
CALIFON, NJ 07830
SIGNATURE: _____
HENCKX, STEPHEN & GLORIA MARTINEZ
4 FOX HILL ROAD
CALIFON, NJ 07830
SIGNATURE: _____

NO.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
5	REV TO ADDRESS HOMEOWNER COMMENTS	11/17/09	SEL	JTS
4	REV LANDSCAPE PLAN PER TOWNSHIP COMMENTS	10/9/08	AW	JTS
3	REV SHEET NUMBERING PER PROJECT ENGINEER	10/1/08	AW	JTS
2	REV LANDSCAPING PER CLIENT SITE PLAN REVISIONS	9/24/08	AW	JTS
1	REV LANDSCAPING & ADD WALL PER CLIENT	5/21/08	AW	JTS
NO.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED

PHONE: 732-462-7400 FAX: 732-409-0756

JOSEPH T. SAVONA, CLA

CERTIFIED LANDSCAPE ARCHITECT N.J. Lic. # 00789

NOTE: Only the planting portion of this plan has been prepared under the supervision of Joseph T. Savona New Jersey Certified Landscape Architect, N.J. Lic. # 00789

PLANT SCHEDULE

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	MATURE SIZE	COMMENTS
(DECIDUOUS TREES)						
3	Cc	Cercis canadensis	Eastern Redbud	12'-14" ht.	20'-25" ht.	Spacing as shown
10	Hv	Hamamelis virginiana	Common Witchhazel	12'-14" ht.	15'-20" ht.	Spacing as shown
3	Ls	Liquidambar styraciflua	Sweetgum	3" - 3 1/2" cal., 18"-20" ht.	60'-70" ht.	Spacing as shown
3	Sb	Salix babingtoniana	Weeping Willow	3" - 3 1/2" cal., 18"-20" ht.	40'-50" ht.	Spacing as shown
(EVERGREEN TREES)						
4	Ct	Chamaecyparis thyoides	Atlantic White Cedar	12'-14" ht.	40'-50" ht.	Spacing as shown
35	Io	Ilex opaca 'Femine'	American Holly	12'-14" ht.	40'-50" ht.	Spacing as shown
7	Io	Ilex opaca 'Male'	American Holly	12'-14" ht.	40'-50" ht.	Spacing as shown
12	Vv	Viburnum virginiana	Eastern Red Cedar	12'-14" ht.	40'-50" ht.	Spacing as shown
7	Mg	Magnolia grandiflora 'Brocken's Brown Beauty'	Brocken's Brown Beauty Southern Magnolia	12'-14" ht.	40'-50" ht.	Spacing as shown
13	Po	Picea abies	Norway Spruce	12'-14" ht.	70'-80" ht.	Spacing as shown
13	Tc	Tsuga canadensis	Canadian Hemlock	12'-14" ht.	60'-70" ht.	Spacing as shown
(SHRUBS)						
4	Jc	Juniper chinensis 'Pfitzeriana'	Pfitzer Juniper	6"-8" ht.	8"-12" ht.	
21	Mp	Myrica pensylvanica	Bayberry	6"-7" ht.	10"-12" ht.	
45	Vb	Viburnum dentatum	Aronwood Viburnum	7"-8" ht.	10"-12" ht.	
11	Vp	Viburnum prunifolium	Blackdog Viburnum	10"-12" ht.	14"-16" ht.	Spacing as shown

Note: All Trees to be Balled & Burlapped and Shall Meet ANSI Z60.1 Standards
All plantings to be field adjusted during construction to ensure the preservation of the existing vegetation.

Jersey Central Power & Light
A FirstEnergy Company

Malick & Scherer, P.C.
One Salem Square, 295 Route 22 East
Whitehouse Station, NJ 08889
Phone: 908-534-4995 Fax: 908-534-0507

CALIFON SUBSTATION

LANDSCAPE PLAN, NOTES AND DETAILS

BLOCK 17, LOT 2
TAX MAP 4, 5
FOX HILL ROAD
TEWKSBURY TOWNSHIP, HUNTERDON COUNTY

Arif R. Malick, P.E.
N.J. Professional Engineer No. GE39452

DATE: 02/08/08 SCALE: 1"=50' SHEET: 8 OF 8