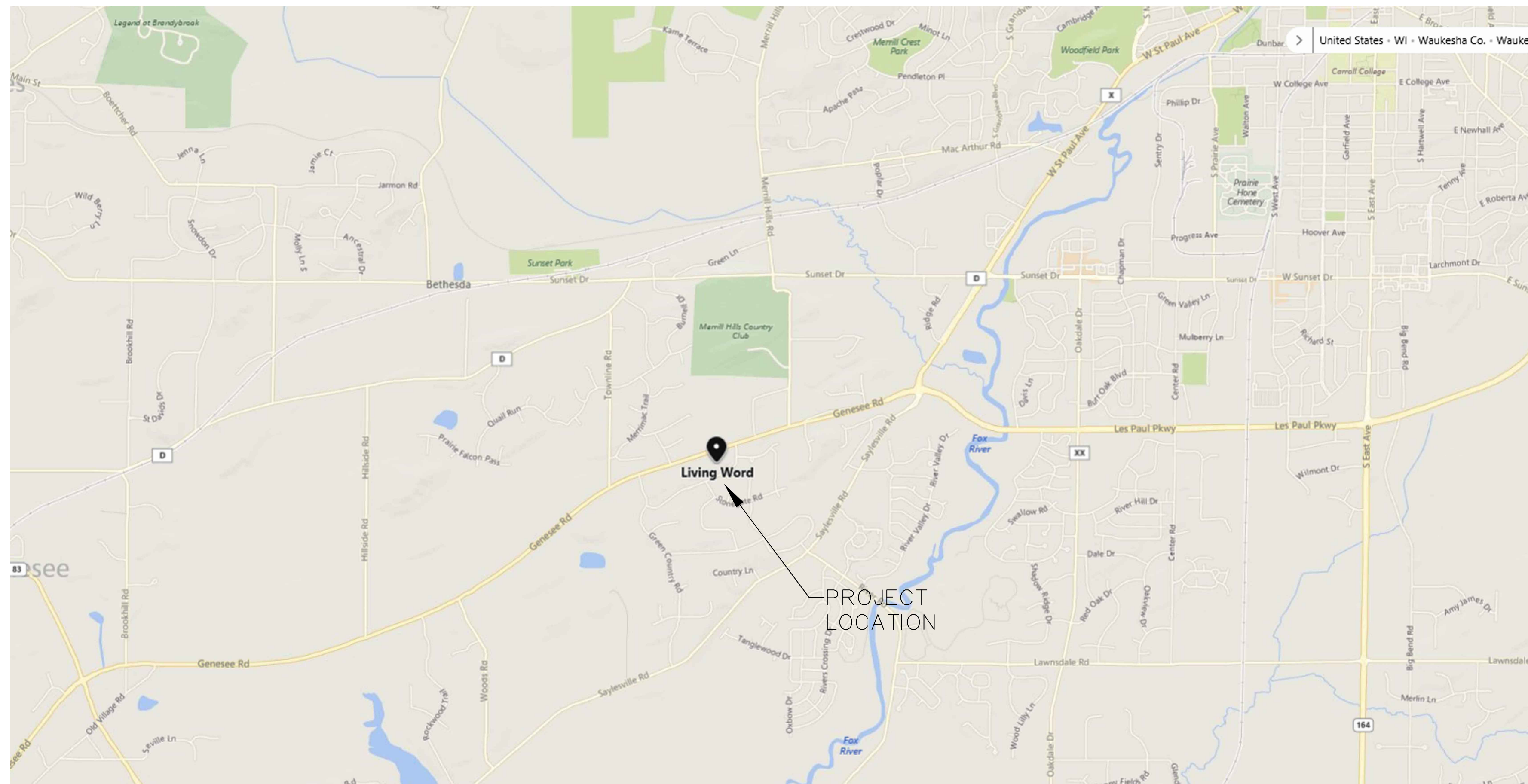


# LANDSCAPE PLANS LIVING WORD CHURCH

WISCONSIN



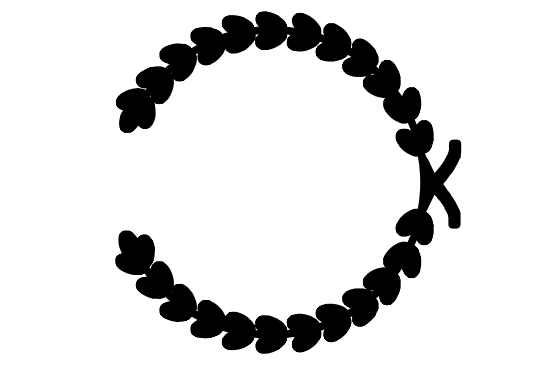
VICINITY MAP  
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**SHEET INDEX**

LANDSCAPE	
L1.0	TITLE SHEET
L1.1	PLANTING PLAN
L1.2	DETAILS
L1.3	PLANTING NOTES/ PLANT LIST

TITLE SHEET



PROPOSED GARDEN DESIGN FOR:

**LIVING WORD CHURCH**

**GARLAND ALLIANCE**  
LANDSCAPE ARCHITECTS



5707 6th AVENUE  
KENOSHA, WI 53140  
(414) 688-1641 | garlandalliance@gmail.com

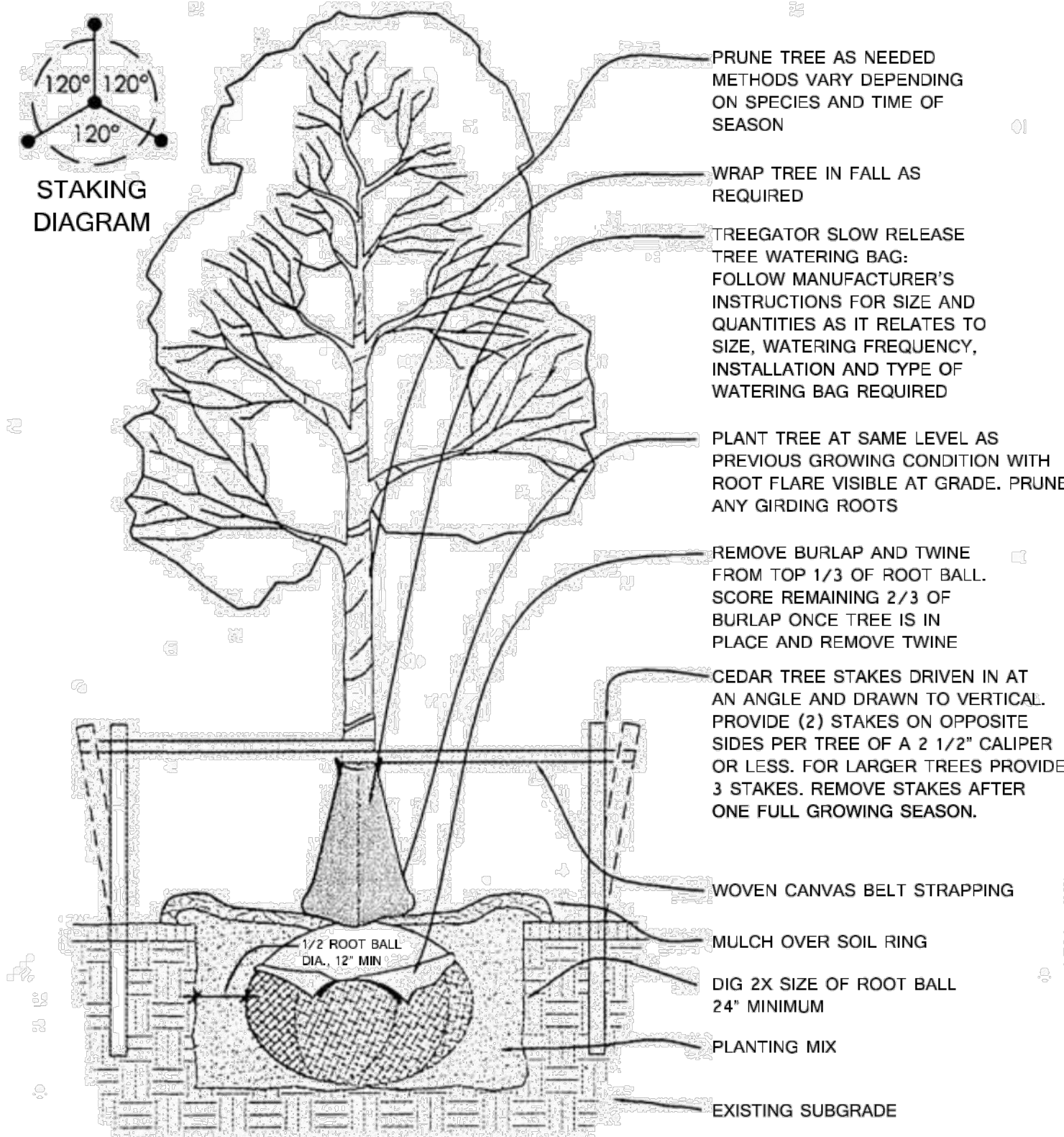
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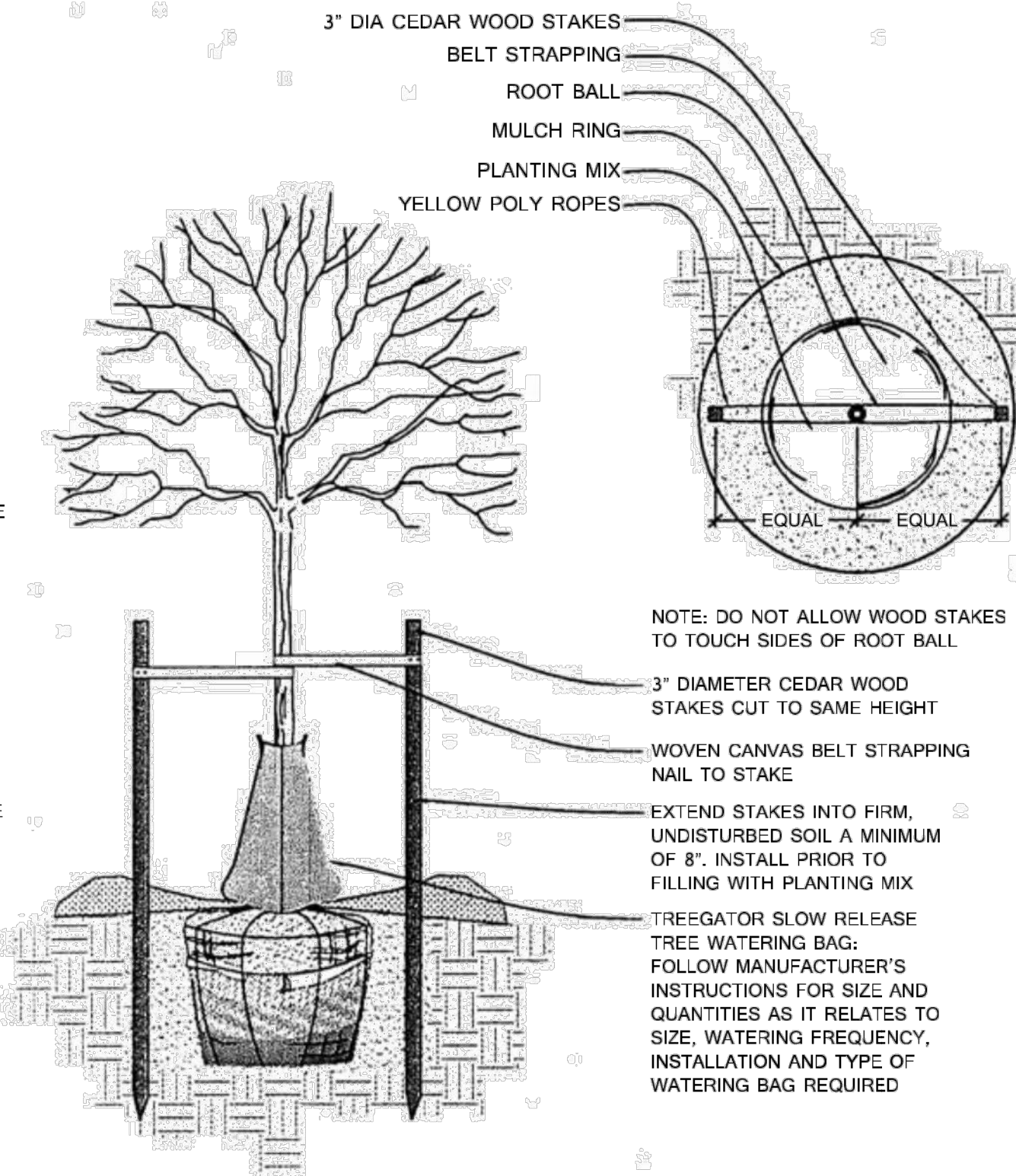




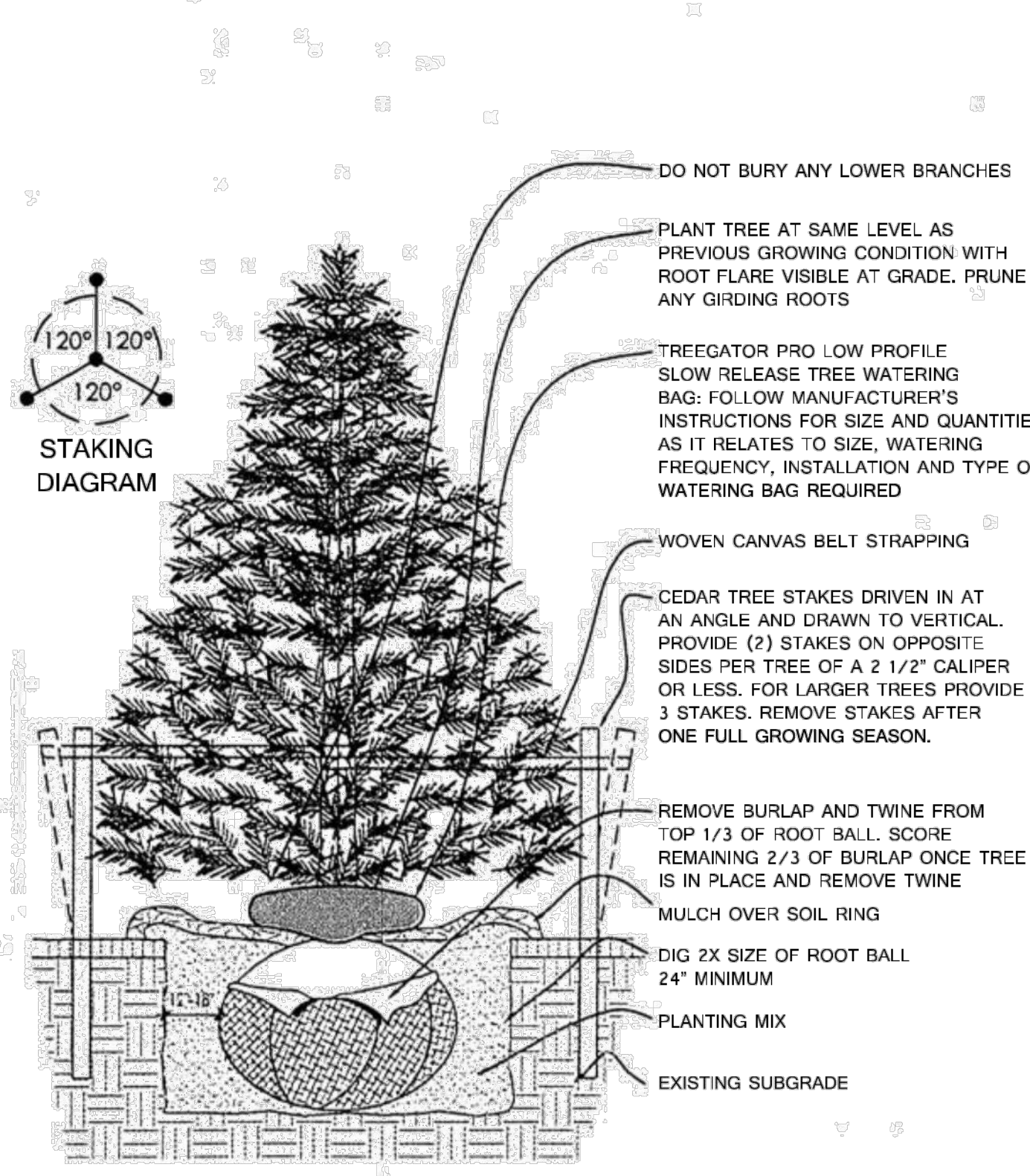




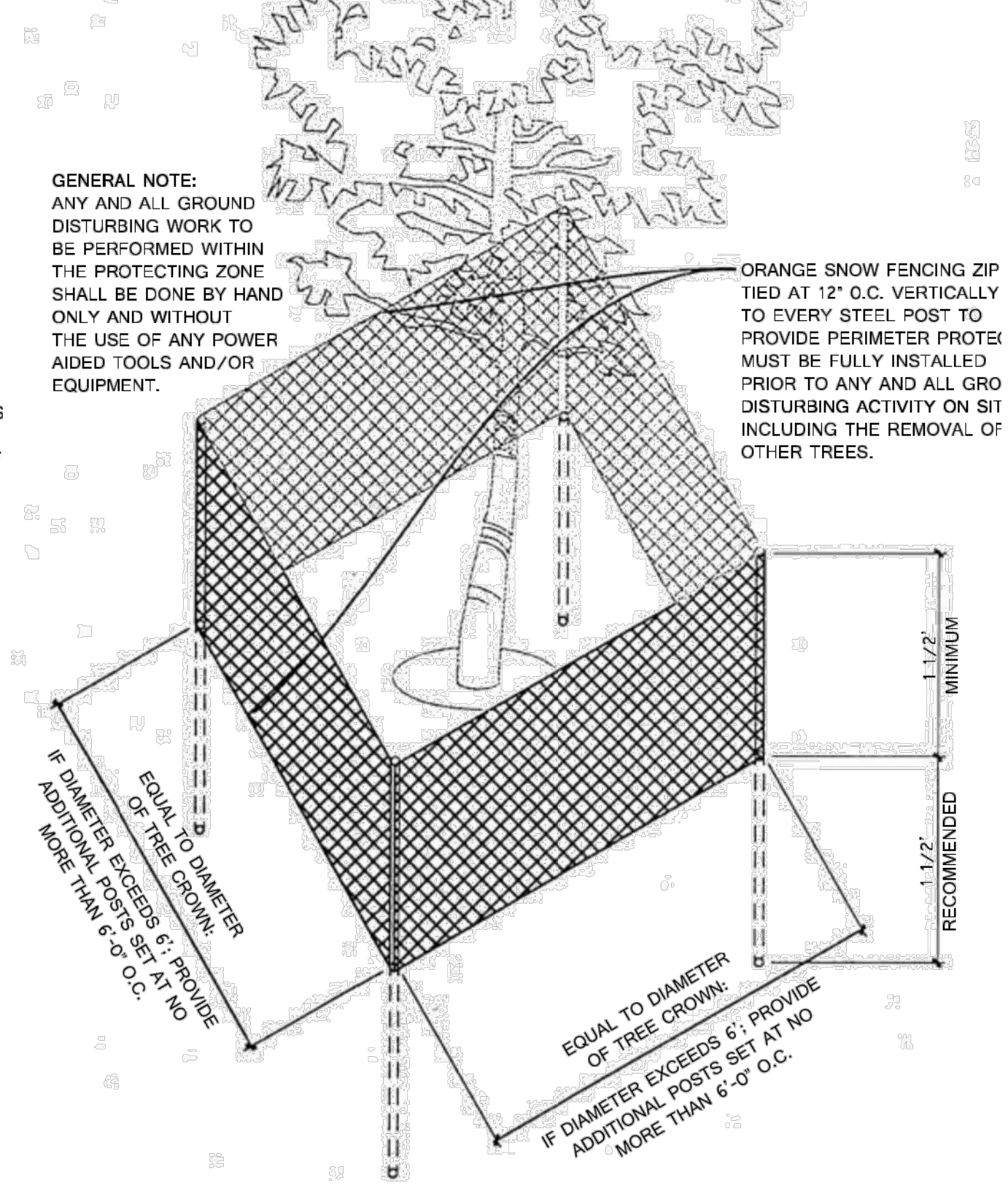
1 DECIDUOUS TREE PLANTING DETAIL NOT TO SCALE



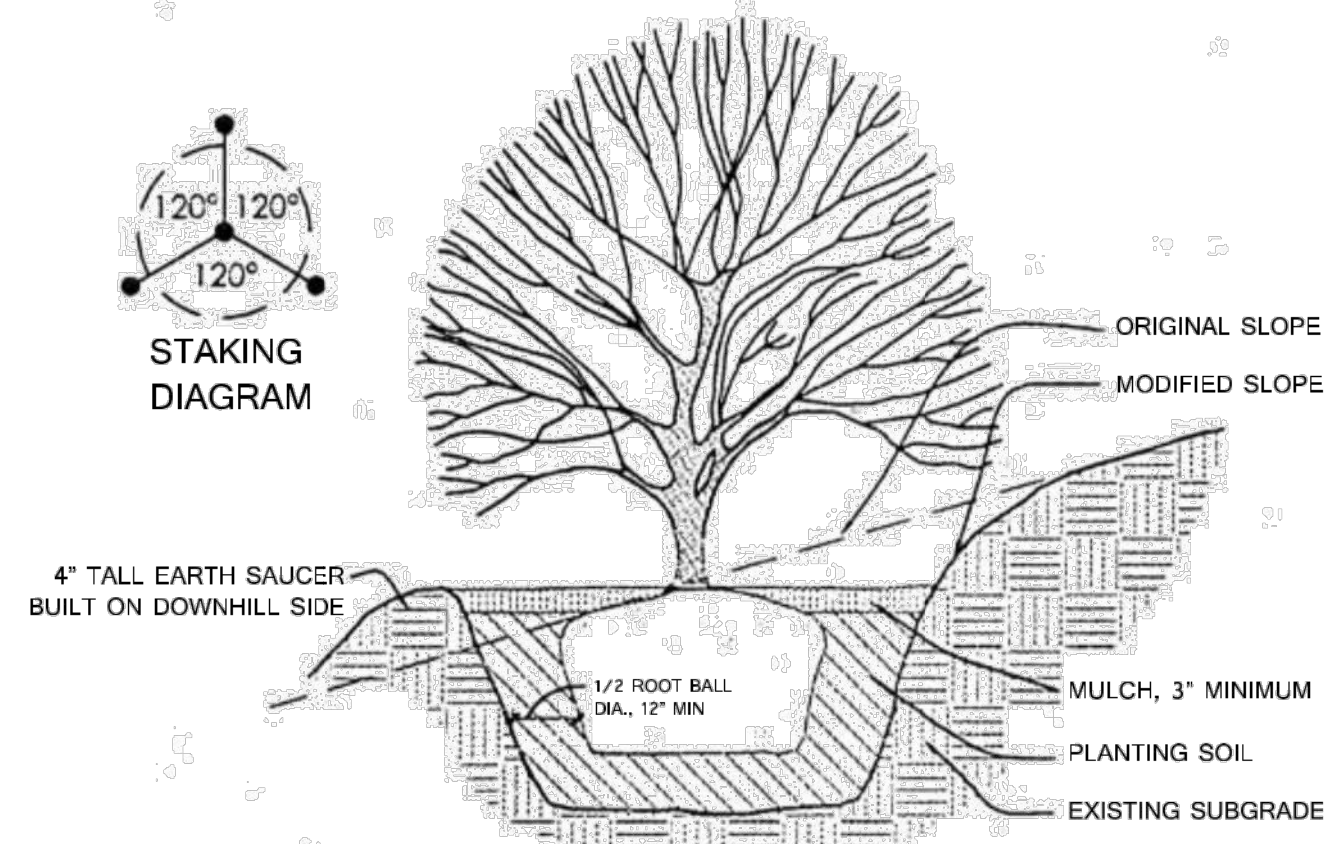
2 DECIDUOUS TREE STAKING AT PARKING ISLANDS/RESTRICTED AREAS NOT TO SCALE



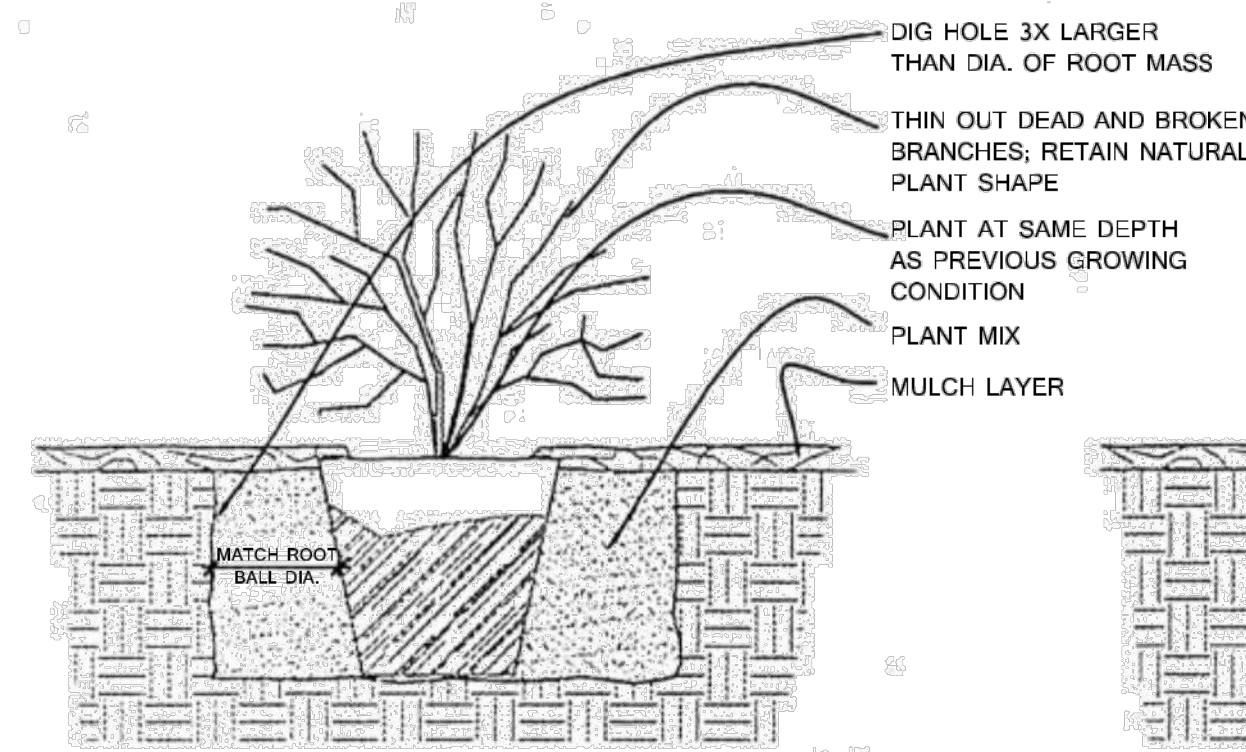
3 CONIFEROUS TREE PLANTING DETAIL NOT TO SCALE



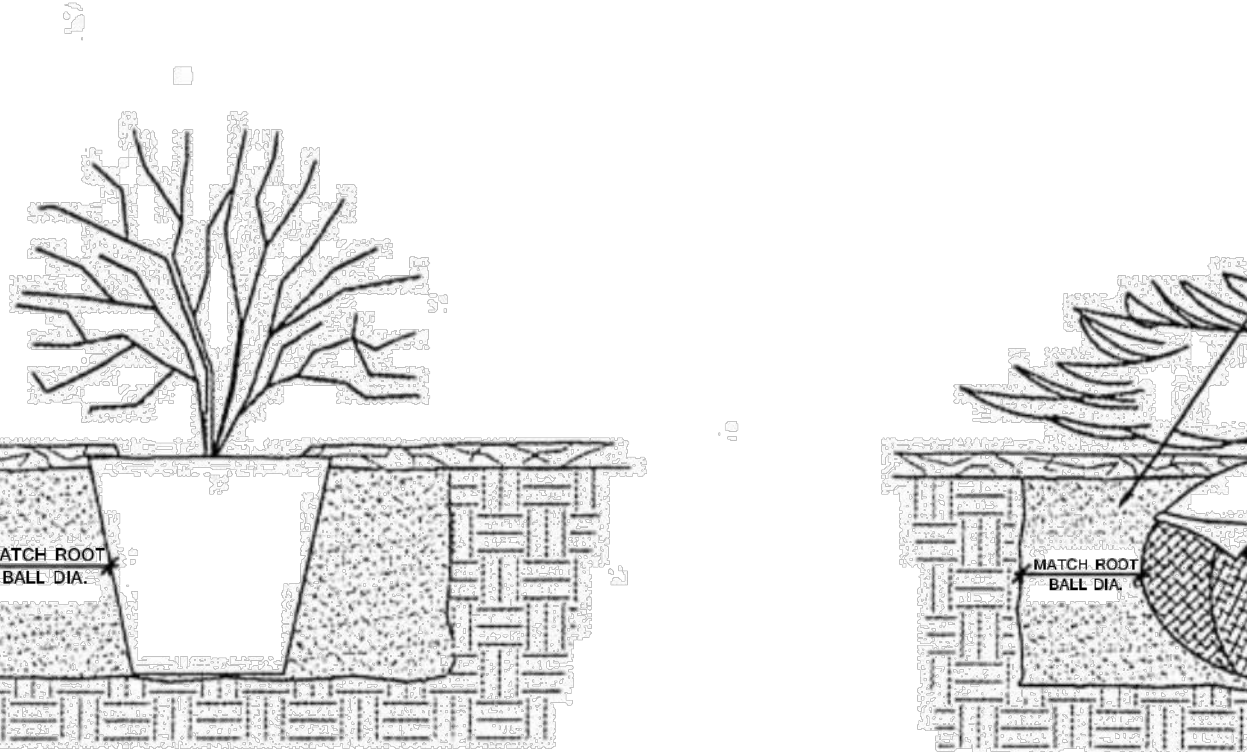
4 EXISTING TREE PROTECTION DETAIL NOT TO SCALE



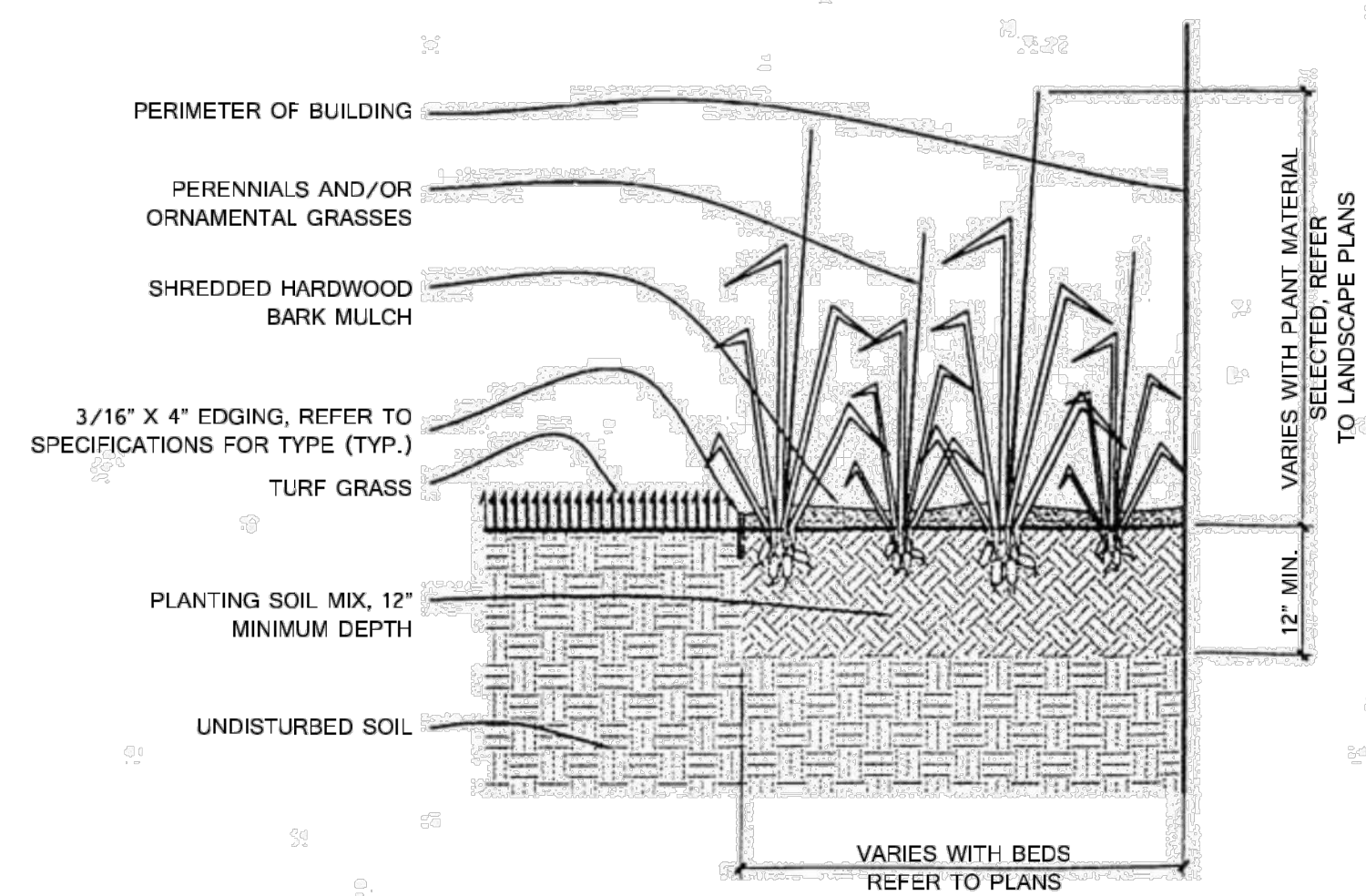
5 SLOPE PLANTING DETAIL NOT TO SCALE



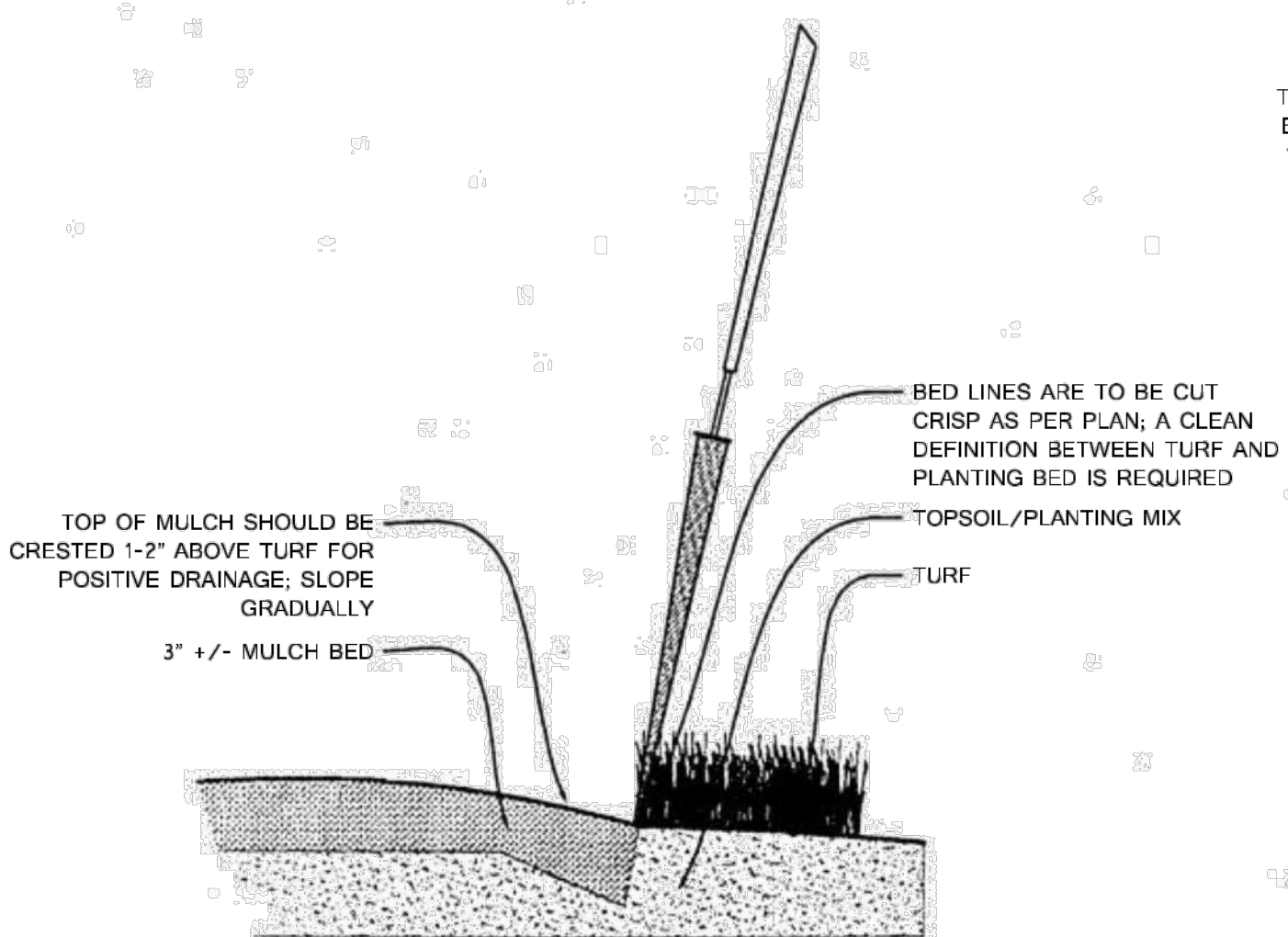
6 DECIDUOUS SHRUB PLANTING DETAIL NOT TO SCALE



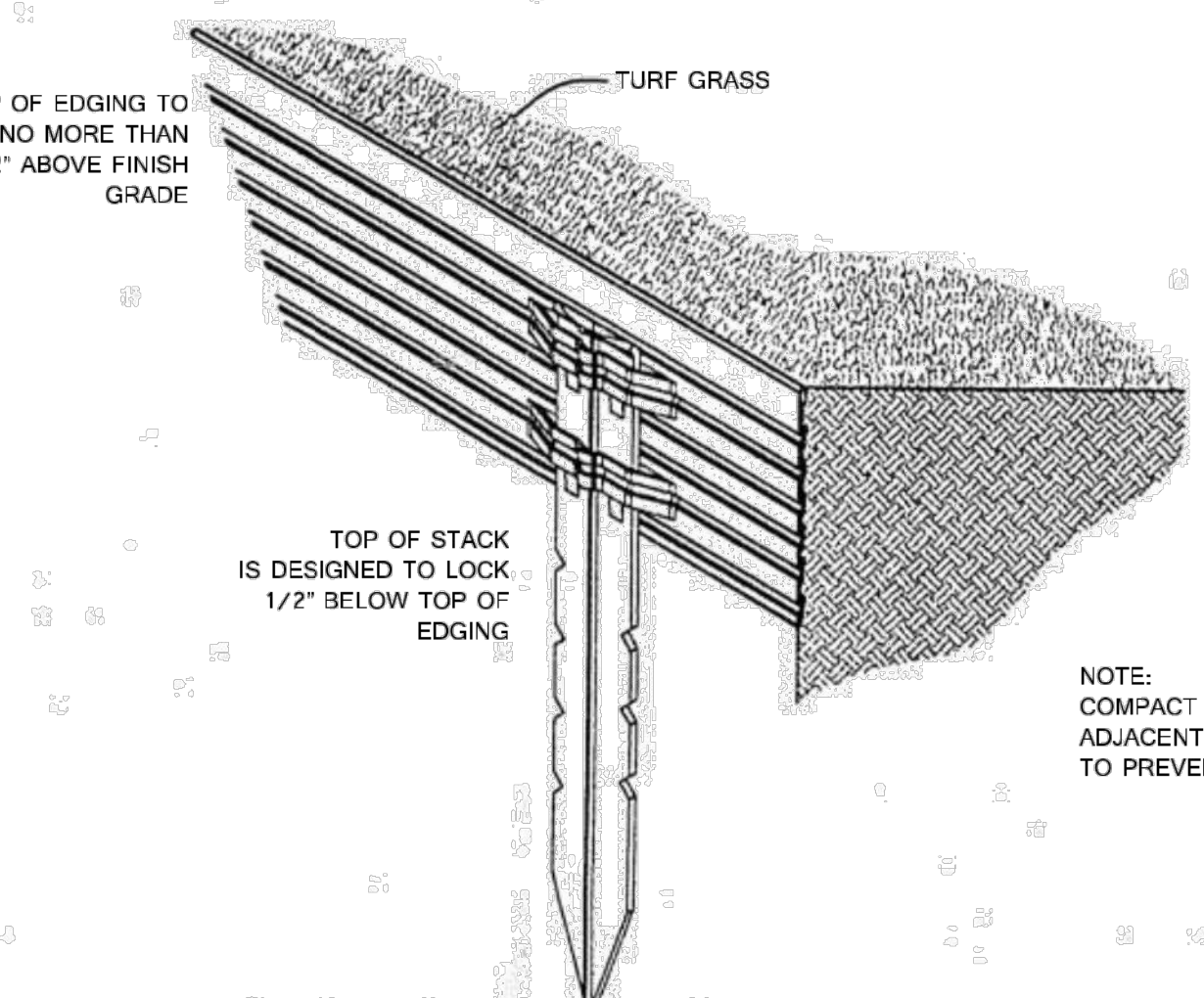
7 CONIFEROUS SHRUB PLANTING DETAIL NOT TO SCALE



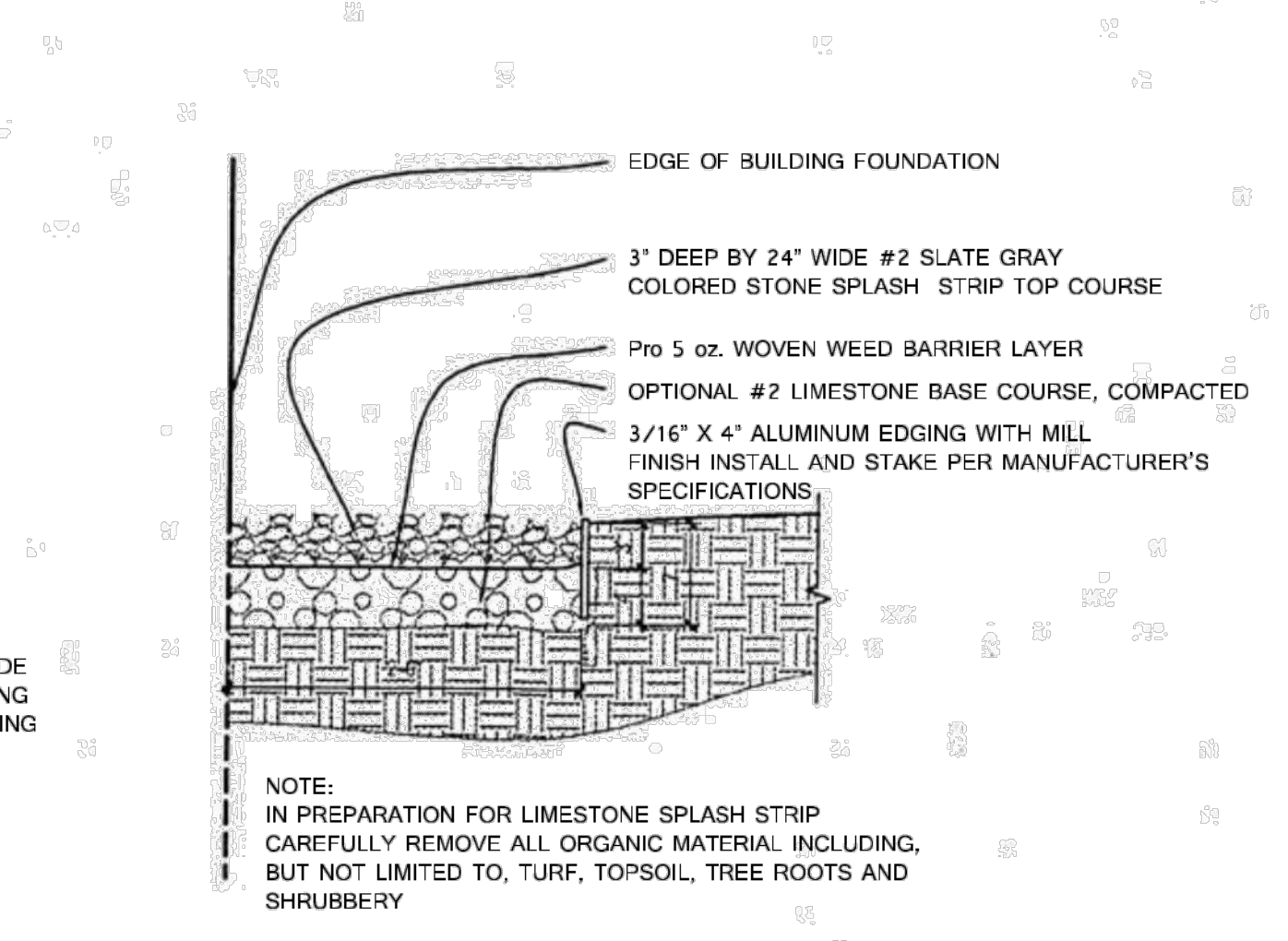
8 PERENNIAL BED PLANTING DETAIL NOT TO SCALE



9 SPADE EDGE PLANTING BED EDGE DETAIL NOT TO SCALE



10 METAL LANDSCAPE EDGING DETAIL NOT TO SCALE



11 COMPACTED GRAVEL SPLASH STRIP NOT TO SCALE

PROPOSED GARDEN DESIGN FOR:  
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# GENERAL PLANTING NOTES

The landscape contractor shall be responsible for complete coordination of planting operation as well as other contracted work, with the other contractors on the job. Repair of damage to the plants, grade, lawns, etc. during installation shall not be considered as an extra, and not chargeable to the Owner. Damage caused by other contractors shall be the responsibility of said contractor.

The contractor shall, at all times, keep the premises free from accumulation of waste material, soil and/or rubbish caused by his employees or work. Contractor shall clean behind his work immediately, and shall take necessary precautions to keep concrete, brick and other paving material clean of soil.

Materials planted and damaged or destroyed by any phenomena considered as an act of God, e.g., vandalism, wind, fire, flood, frost, theft, rain, hail, etc., shall belong to the Owner and shall be his responsibility. Materials stored on-site as not yet planted are not covered by this clause and are the sole responsibility of the contractor.

All plant material furnished by the contractor, unless otherwise specified, shall be No. 1 grade or better in accordance with GRADED AND STANDARDS FOR NURSERY PLANTS as described in ANSI 260.1 1996. Landscape Architect reserves all right to determine acceptability of plant material submitted for planting.

All plants shall be planted in pits, centered and set on six inches of compacted topsoil to such a depth that the finish grade level, at the plant, after settlement will be the same as that at which the plant was grown. All planting areas shall received adequate fertilization with 'Easy Grow' 3 yr. (1 oz.) fertilizer packets or equivalent. Granular fertilizer will be accepted, but must be approved by Landscape Architect. Please submit specifications.

Application Rates shall be as follows:

**Trees:**  
 1-1/2" to 3" cal.: 2 packets, one each side  
 Greater than 3": Add 1 packet per 1" cal. (i.e. 4"- 4 packets)

**Shrubs:**  
 1 packet for every 12" height or spread. (Space evenly if 2 or more packets required)

Perform all work necessary for installing sod and/or seed as shown on the drawings or inferable therefrom and/or as specified, in accordance with the requirements of the contract documents. Immediately prior to seeding, the ground shall be scarified and raked to a friable fine texture. Lawn areas shall be seeded with a mechanical spreader at the rate as recommended for local conditions. After seeding, all areas shall be raked to satisfactorily cover seed, and then thoroughly watered and covered with treated shredded paper mulch or straw mulch. The methods of seeding may be varied by the contractor by his own responsibility to establish a smooth uniform turf. Hydro muld embankments that exceed 1:4 slopes.

Seed shall be true to specie as called for on the seeding plan. All seed shall be delivered to the job site in sacks plainly marked and certified as to content.

Sod shall be placed when the ground is in workable condition and temperatures are less than 90 degrees Fahrenheit.

Landscape contractor shall water sod immediately after installation to prevent excessive drying during progress of the work. As sodding is completed in any one section, the entire area shall be rolled. It shall then be thoroughly irrigated to a depth sufficient that the underside of the new sod pad and soil immediately below the sod are thoroughly wet.

The landscape contractor shall verify grades established during final soil preparation as being true to finish contours shown, and shall maintain such areas until the effective date to begin sodding and/or seeding operation. In such instances where a split responsibility existing between grading and grassing contractors, it shall be the responsibility of the grassing contractor to maintain a suitable grade for grassing once he has accepted the grade provided to him. In all cases, the ground shall be hand raked immediately prior to being sodded to remove any irregularities in the grade.

Guarantee period for plant materials shall be as follows:

Lawns (seed & sod)*	3 months
Ground Cover	3 months
Shrubs	12 months
Trees	12 months
Perennials, Roses & Japanese Maples	90 days from installation

\* (If lawn is installed in fall and not given full 90 days of guarantee periods, or if not considered acceptable at that time, continue guarantee the following spring until acceptable lawn is established.)

All shrub planting beds to be lined with a minimum of 2-3" shredded bark mulch (no plastic liners). Place mulch at base of all trees (minimum 4' diameter).

A 10/10/10 fertilizer mixture shall be applied at 20#/1000 SF and worked into the lawn bed before seeding or sodding.

**Recommended seed mix:**

Premium 60 grass seed mix - Reinder's (262-786-3300)	No-Mow low grow grass seed mix - Reinder's
20% America Kentucky Bluegrass	45% Spartan II Hard Fescue
20% Granite Kentucky Bluegrass	40% Quatro Sheep Fescue
20% Mercury Kentucky Bluegrass	15% Turf Type Annual Ryegrass
20% Longfellow 3 Chewings Fescue	Apply at a rate of 175 Pounds per acre.
10% Replicator Perennial Ryegrass	Refer to supplier specification and installation
10% Fiesta 4 Perennial Ryegrass	cut sheets for further information.

Apply at a rate of 175 pounds per acre. Refer to supplier specification and installation cut sheets for further information.

Proposed trees to be staked as required. Verify with Landscape Architect if exposure and wind conditions prevalent.

Any series of trees to be placed in a particular arrangement will be field checked for accuracy. Trees of same species to be matched in growth character and uniformity. Any trees misplaced will be subject to rejection.

Upon acceptance of the landscape installation, the landscape contractor shall supply the Landscape Architect with a complete and adequate maintenance program to be followed during and after the guarantee period. The landscape contractor shall make periodic inspections of the job during the guaranteed period to determine if proper maintenance is being given.

It shall be understood that in accordance with the terms of the guarantee that the landscape contractor must promptly inform the Owner if proper maintenance is not being given to the installation. Such notice shall be in writing, outlining corrective measures to be taken, with a copy to Landscape Architect. At any time during the guarantee period, the landscape contractor shall be required to replace all plants that are dead or in unsatisfactory condition of growth. All replacement plants shall be of like size and kind of the plants removed. Any seed areas over one foot square not covered by turf shall be reseeded by the contractor. Any seed areas over one foot square that are dead or dying shall be replacements included within the guarantee and shall be landscape contractor's expense.

Any alteration to the landscape plan will be submitted to the Project Manager for approval by the Landscape Architect.

Landscape contractors are responsible for making sure all tree balls are moist at the core when trees are installed.

Lawn edges that abut parking lots with no curbing shall be double seeded to a width of 5'.

Pre-Emergent Herbicide (Treflan or Equiv.) to be applied to all plant beds prior to planting for noxious weed control.

The quantities indicated on the material schedule are provided for the benefit of the contractor, but should not be assumed to always be correct. In the even of a discrepancy, the planting plan will take precedence over the material schedule. The contractor shall be responsible for his own quantity calculation and the liability pertaining to those quantities and any related contract documents and/or price quotations.

**\*\*PLANT MATERIAL SHOWN ON LANDSCAPE PLAN IS DEPICTED AT MATURE GROWTH\*\***  
 At least seventy-two hours prior to any excavation, contractor shall verify utility location as given by the electric, gas, telephone, water, sewer, and cable companies, utilities or entities. Review with the owner's representative, site mechanical, site electrical and lighting. Site grading and drainage, site irrigation and all other drawings pertaining to underground utility locations record set of information the same as in possession of owner's representative. Also review owner's "mark sets" of all of these drawings in possession of the contractor or owner. Mark all such utilities on the site prior to commencing. Coordinate with the owner before and during construction. Repair any damage to any system that is caused by landscape contractor at no cost to owner.

Deviations from these plans shall be noted on the record drawing by the contractor and only with prior approval of the landscape architect and owner's representative. Verbal agreements of revisions without a change order will not be recognized by the landscape architect and owner.

All plants must be bid and selected per the species specified on the plans. The sizes of plant material listed herein is a minimum acceptable size. Additionally, if excessive pruning reduces the crown and the plant shall be replaced.

Protect public from construction barrier and barricades.

All areas that are disturbed during construction and areas not covered with pavement, building, planting beds, or tree pits are to be top soiled 4-6" deep (min.) and shall be sodded/seeded with specified lawn grass. Landscape contractor shall include cost per square yard for additional seed operation as may possibly be required to reestablish adjacent turf grass areas which may become damaged during the construction process or to repair damage done by others.

Contractor is responsible for furnishing all materials, tools, equipment, labor and plants necessary for proper planting and installation of all landscape material.

Contractor is responsible for all estimating and bidding. All areas, quantities and materials should be field verified with site conditions.

Where discrepancies occur between the landscape plans and/or architectural and/or civil drawing (and any other site drawings) the discrepancies must be brought to the landscape architect's attention for coordination and resolution.

All diseased, noxious or inappropriate materials shall be removed from the proposed site prior to the start of construction and during the maintenance period.

General contractor shall leave the site free of construction debris.

All lawn and planting areas shall slope to drain a minimum of 2% unless noted otherwise and reviewed with owner's representative for final approval.

Finish grades for shrub and ground cover areas shall be held 1" below top of adjacent pavements and curb, unless noted otherwise on the plans. Refer to planting details for further information.

All perennial, annual, and ground cover areas to receive a blend of organic soil amendments prior to planting. Till the following materials into existing topsoil to a depth of approximately 8". A depth of 12" in tree pits. Proportions and quantities may require adjustment depending on the condition of existing soil. Refer to planting details for further information.

Per every 100 square feet add:

- One - 2 Cubic foot bale of peat moss
- 2 pounds of 5-10-5 garden fertilizer
- ¾ cubic yard of composted manure
- Plant starter or other composted, organic material

\*\* Premixed soils will be accepted, i.e. Purple Cow, Soil-Life, etc. Please notify Landscape Architect of alternatives used.

All shrubs to be pocket planted with a 50/50 mix of plant starter and existing soil. Install topsoil into all beds as needed to achieve proper grad. Remove all excessive gravel, clay and stones. Refer to planting details for further information.

Plant all trees slightly higher than finished grade at root flare. Back fill hole with 2/3 existing topsoil and 1/3 peat moss. Avoid any air pockets, discard any gravel, clay or stones. Refer to planting details for further information.

All trees to be installed, staked or guyed according to details. Refer to planting details for further information.

All planting to be watered at the time planting throughout construction and upon completion of project as required.

Where specified, all plant beds, pits and tree rings are to receive a minimum of 2-3" dressing of shredded hardwood oak bark mulch shavings (or brown enviro-mulch) free of growth, weeds, foreign matter detrimental to plant life or germination inhibiting ingredients. Landscape contractor to provide a sample to owner for approval. Contractor to take care with installation not to damage or cover plants. Refer to planting details for further information.

During the initial 30 day maintenance period the landscape contractor is required to provide an on-going pleasant visual environment whereas any plant which is not responding to transplanting or thriving shall immediately be replaced. New lawns shall be watered and repaired and weeds must constantly be removed. No exceptions will be granted.

Landscape/site demolition contractor to verify locations of existing trees and shrubs to be salvaged and clearly tag them with marking tape and construction fence.

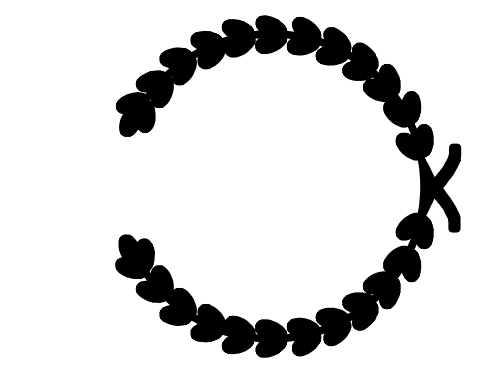
Landscape/site demolition contractor to verify locations of existing trees and shrubs to be relocated. All plant materials to be relocated is to be clearly tagged with marking tape and moved before site demolition is to begin.

Irrigation system to be designed for a overlapping sprinkler head system in all lawn & island areas and a drip system for all foundation planting areas.

**Contractor Note:**  
 Before site grading and demolition is to begin for proposed new pavement, the area is to be staked and all trees and shrubs that are to be preserved are to be tagged by landscape architect and relocated by landscape contractor. If required a tree preservation plan will be produced and coordinated with city staff. Demolition contractor to coordinate w/landscape architect, owner and landscape contractor.

## PLANT SCHEDULE

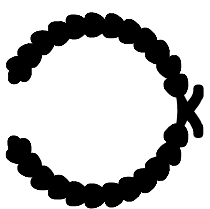
1	Acer rubrum 'Red Points'	Red Points Maple	2.5"	B&B	
1	Aesculus x carnea 'Fort MeNak'	Fort MeNak Red Horsechestnut	2.5"	B&B	
5	Amelanchier x 'Carmelus'	Carmelus Serviceberry	6-7'	B&B	Multi-trunk
2	Cornus mas 'Golden Glory'	Golden Glory Corneliancherry	5-6'	B&B	Multi-trunk
6	Crotaegus phanypyrum	Washington Hawthorn	6-7'	B&B	Multi-trunk
3	Crotaegus crus galli Cookapur	Hawthorne	6-7'	B&B	Multi-trunk
1	Gymnocladus dioica 'Decaf'	Decaf Kentucky Coffeetree	2.5"	B&B	
1	Gymnocladus dioica 'Espresso'	Espresso Kentucky Coffeetree	2.5"	B&B	
1	Hamelia vernalis	Vernal Witchhazel	3-4'	Cont.	
2	Hamelia virginiana	Common Witchhazel	4-5'	Cont.	
3	Heptacodium miconioides	Seven Son Flower Tree	6-7'	B&B	
3	Magnolia stellata	Star Magnolia	5-6'	B&B	
3	Malus x 'Red Jewel'	Red Jewel Crabapple	6'	B&B	Multi-trunk
1	Platanus x acerifolia 'Morton Circle'	Exclamation London Planetree	2.5"	B&B	
11	Populus tremuloides	Quaking Aspen	8-10'	Cont.	Multi-trunk
2	Quercus bicolorSwamp	White Oak	3'	B&B	
1	Quercus muhlenbergii	Chinkapin Oak	2.5"	B&B	
1	Quercus robur 'Regal Prince'	Regal Prince Oak	2.5"	B&B	
3	Syringa reticulata	Japanese Tree Lilac	6-7'	B&B	Ivory Silk, Multi-trunk
4	Taxodium distichum	Bald Cypress	2.5"	B&B	
1	Ulmus x 'Patriot'	Patriot Elm	2.5"	B&B	
4	Picea abies	Norway spruce	6-7'	B&B	
14	Picea glauca var. densata	Black Hills spruce	6-7'	B&B	
8	Picea amabilis	Serbian Spruce	6'	B&B	
1	Pinus strobus 'Vanderwolf's Pyramid'	Vanderwolf Pine	7'	B&B	
6	Pinus strobus	Scott Pine	6-7'	B&B	
6	Pinus strobus 'Waterli'	Waterli Soot Pine	6'	B&B	
9	Thuja occidentalis 'Techny'	Techny Arborvitae	5-6'	B&B	
12	Aronia arbutifolia 'Brilliantissima'	Red Chokeberry	3'	Cont.	
5	Aronia melanocarpa 'UCONNAMI165'	Low Scape Mound Chokeberry	18"	Cont.	
8	Cornus sericea 'Bailey'	Bailey Redwing dogwood	3-4'	Cont.	
3	Corylus americana	Hazelnut	2-3'	Cont.	
4	Hydrangea paniculata 'Little Lime'	Little Lime Hydrangea	18"	Cont.	
5	Rosa rugosa 'Frau Dagmar'	Frau Dagmar Rugosa Rose	18"	Cont.	
5	Rosa rugosa 'Blanc De Carbet'	Blanc De Carbet Rugosa Rose	18"	Cont.	
9	Viburnum dentatum 'Christom'	Blue Muffin Viburnum	3-4'	Cont.	
7	Viburnum dentatum 'Morton'	Northern Burgundy Viburnum	3-4'	Cont.	
3	Viburnum prunifolium	Nannyberry Viburnum	3-4'	Cont.	
6	Viburnum trilobum 'Redwing'	Redwing Viburnum	3-4'	Cont.	
6	Weigela florida 'Dark Horse'	Dark Horse Weigela	18"	Cont.	
23	Juniperus communis 'AmiDak'	Blueberry Delight Juniper	18"	Cont.	
	Carex flacca 'Blue Zinger'	Blue Zinger Carex	4-1/2'	Pot	1440 TOTAL
180	Perennials	To be determined	1gal	Cont.	
234	Perennials	To be determined	1gal	Cont.	
162	Grasses/Perennials	To be determined	1gal	Cont.	



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