



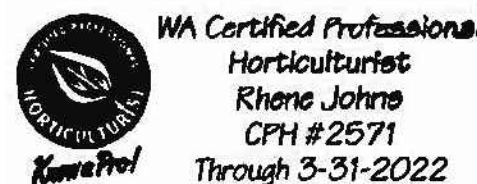
WILL SUN GROUND COVER MIX:
GROUP IN DRIFTS
FRAGARIA CHILOENSIS, COAST STRAWBERRY
POTENTILLA ANSERINA, SILVERWEED
FESTUCA IDAHOENSIS, BLUE FESCUE

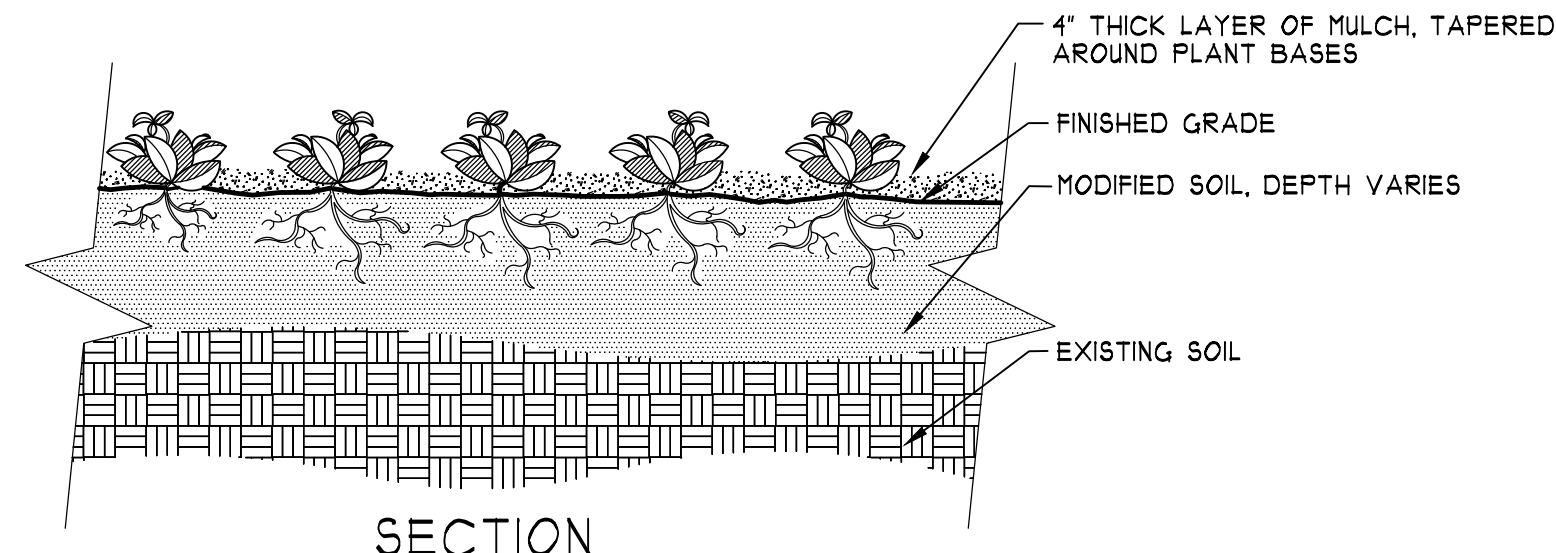
1. ONE CLASS III OR CLASS IV STREET TREE PER PERIMETER ISLAND
2. SEE LANDSCAPING NOTES FOR ADDITIONAL INFORMATION

- Irrigation shall be provided in all landscape islands

LANDSCAPE DESIGNER: RHENE JOHNS, CPH

In an effort to minimize water use, reduce costs and use of chemicals for maintenance, all planting areas shall be mulched with a uniform four (4") inch layer of organic compost mulch material or wood chips over a properly cleaned, amended and graded subbase. Four inches of mulch in planting areas shall be maintained through the life of the project. Herbicides shall not be used in the mulch ring area for street trees; see city standard #01.02.07 for street tree mulch application and dimensions.

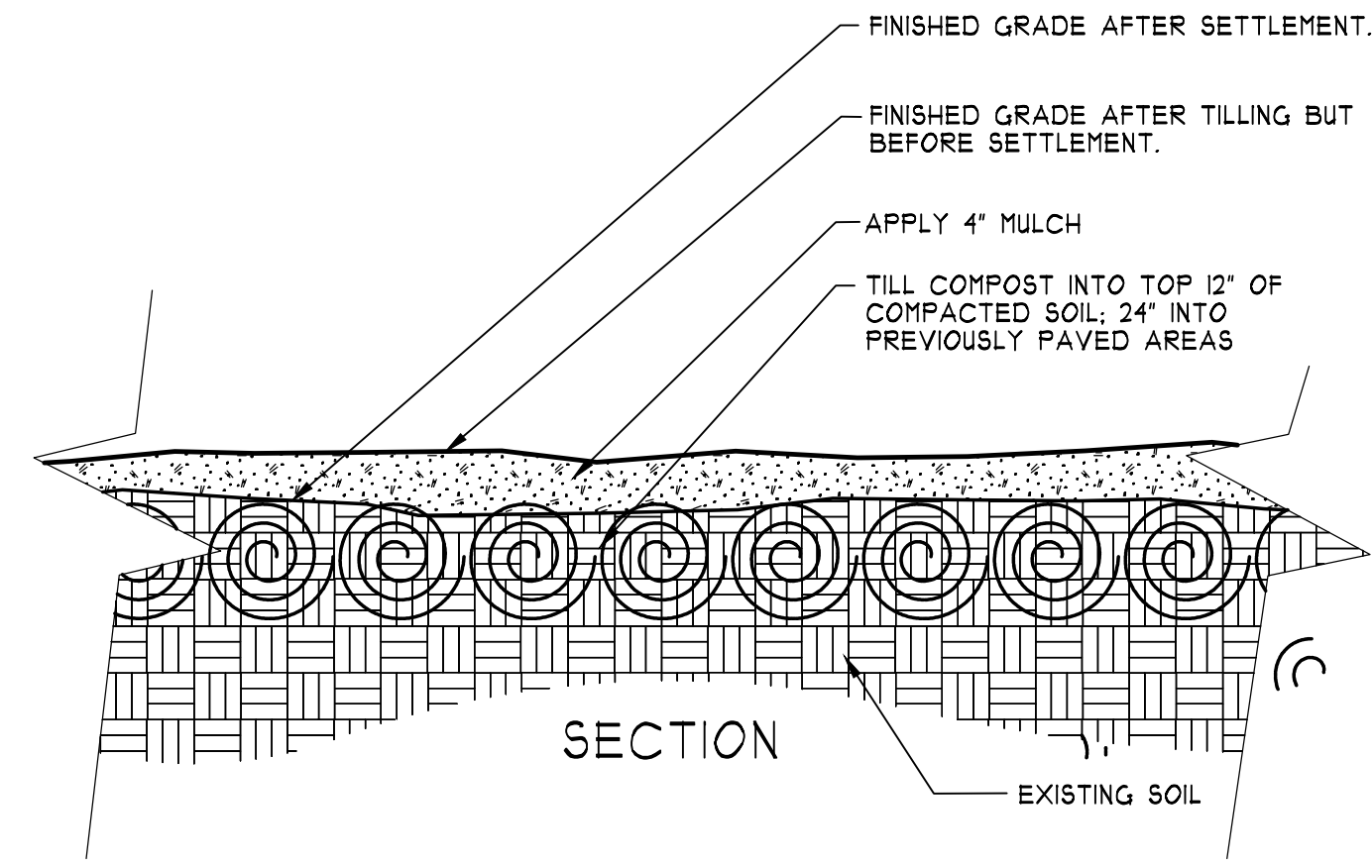




NOTES:
1 - SEE PLANTING LEGEND FOR GROUNDCOVER SPECIES, SIZE, AND SPACING.
2 - SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.

1 GROUNDCOVER PLANTING

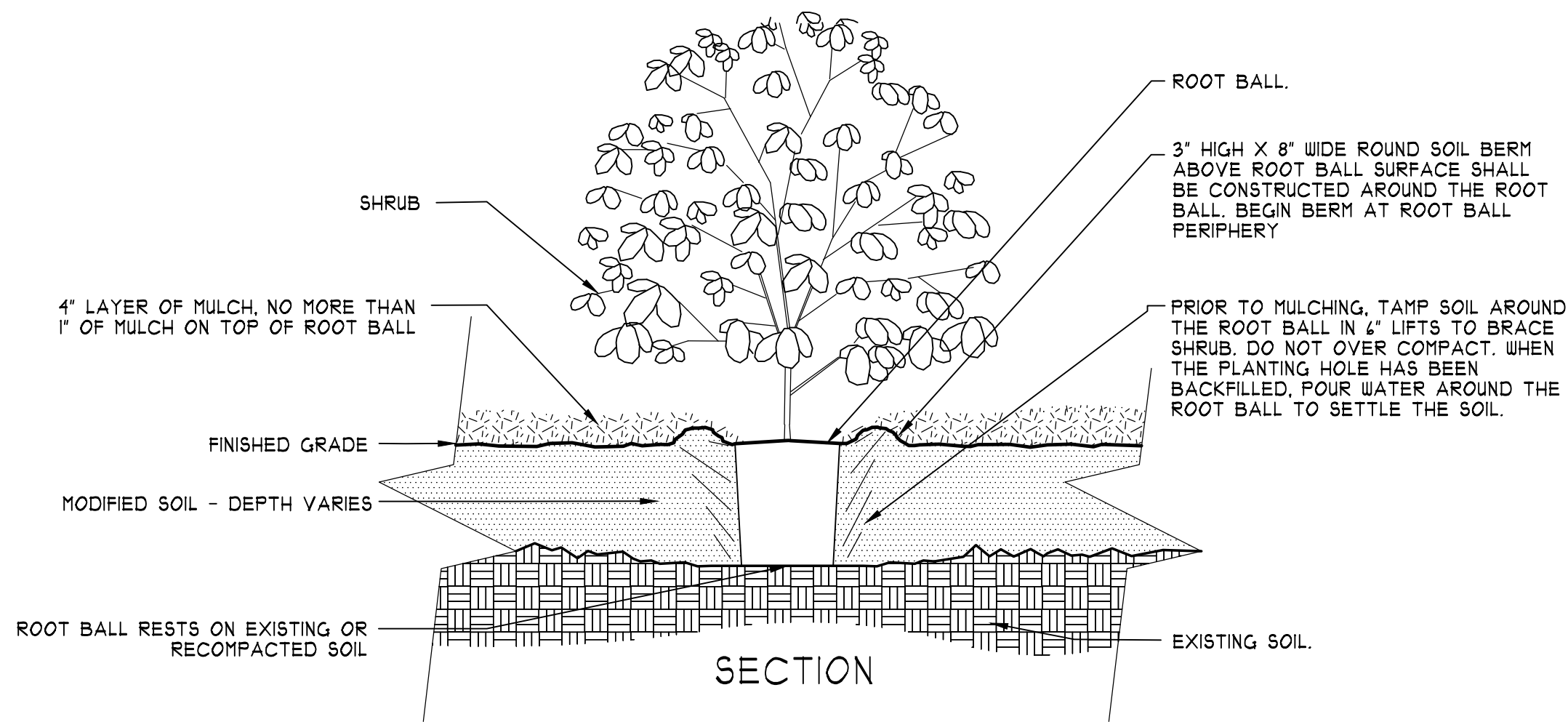
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AMEND NATIVE SOIL WHERE IT HAS BEEN COMPACTED OR DISTURBED. SEE SOIL MANAGEMENT PLAN FOR ADDITIONAL INFORMATION.

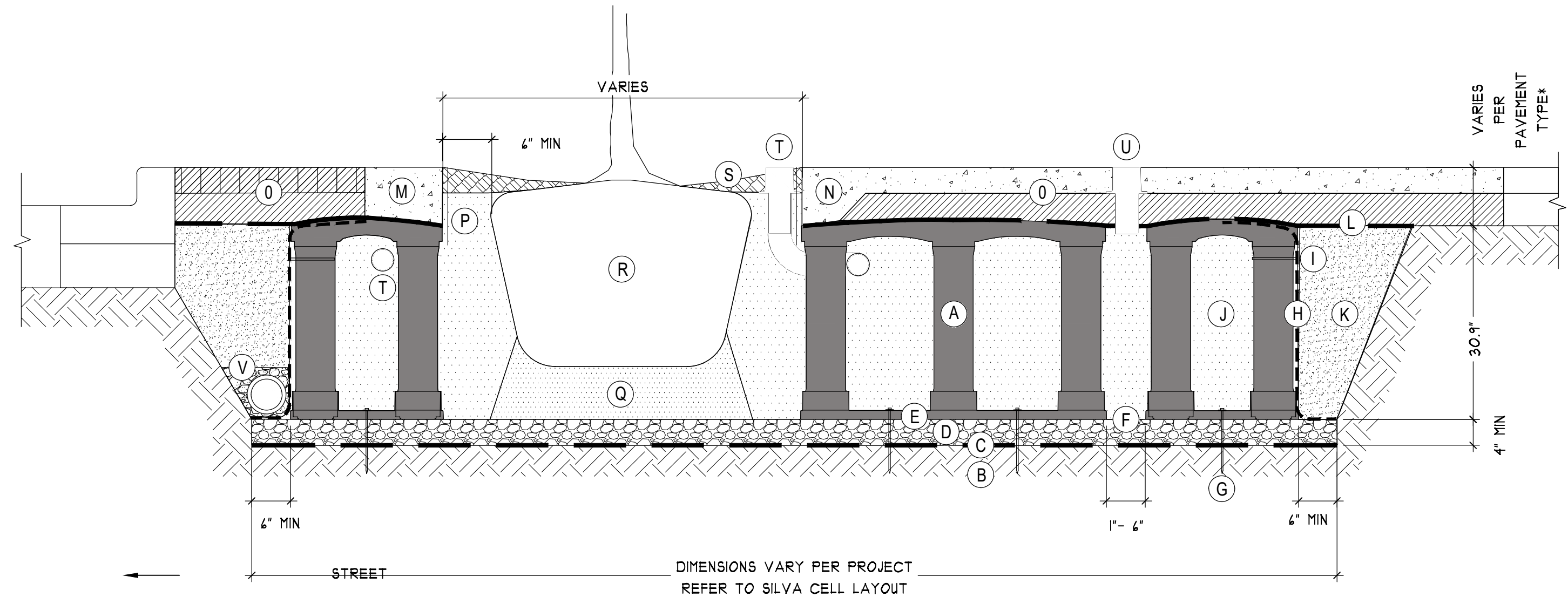
2 SOIL AMENDMENT

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3 SHRUB PLANTING

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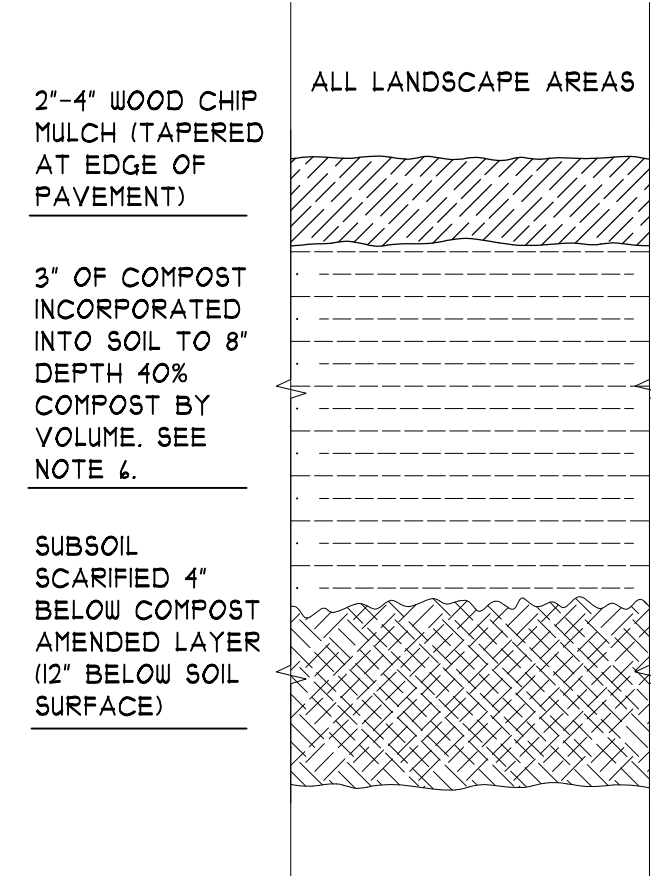


KEY PLAN

- (A) SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
- (B) SUBGRADE, COMPACTED
- (C) GEOTEXTILE FABRIC, PLACED ABOVE SUBGRADE
- (D) 4\"/>
- (E) SILVA CELL BASE SLOPE, 10% MAX
- (F) 1\"/>
- (G) ANCHORING SPIKES, CONTACT DEEPROOT FOR ALTERNATIVE
- (H) GEOGRID, WRAPPED AROUND PERIMETER OF SYSTEM, WITH 4\"/>
- (I) CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER LEG FLARE, AS NEEDED
- (J) PLANTING SOIL, PER PROJECT SPECIFICATIONS, PLACED IN LIFTS AND WALK-IN COMPACTED TO 75-85% PROCTOR
- (K) COMPACTED BACKFILL, PER PROJECT SPECIFICATIONS
- (L) GEOTEXTILE FABRIC TO EDGE OF EXCAVATION
- (M) RIBBON CURB AT TREE OPENING (TO BE USED WITH PAVERS OR ASPHALT)
- (N) THICKENED EDGE AT TREE OPENING (TO BE USED WITH CONCRETE)
- (O) PAVEMENT AND AGGREGATE BASE PER PROJECT *
- (P) DEEPROOT ROOT BARRIER, 12\"/>
- (Q) PLANTING SOIL BELOW ROOT BALL, COMPACTED WELL TO PREVENT SETTLING
- (R) ROOT BALL
- (S) TREE OPENING TREATMENT, PER PROJECT SPECIFICATIONS
- (T) DEEPROOT WATER AND AIR VENT, ROOTBALL, WHEN REQUIRED
- (U) DEEPROOT WATER AND AIR VENT, WHEN REQUIRED
- (V) UNDERDRAIN SYSTEM, WHEN REQUIRED (LOCATION AND DETAILS BY OTHERS)

5 SILVA CELL SYSTEM 2X

NOT TO SCALE



- NOTES:
1. ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION, AND NOT COVERED BY BUILDINGS OR PAVEMENT, SHALL BE AMENDED WITH COMPOST AS DESCRIBED BELOW.
 2. SUBSOIL SHOULD BE SCARIFIED (LOOSENE) 4\"/>
 3. COMPOST SHALL BE TILLED IN TO 8\"/>
 4. PLANTING BEDS SHALL RECEIVE 3\"/>
 5. SETBACKS: TO PREVENT UNEVEN SETTLING, DO NOT COMPOST-AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, VAULTS, METERS ETC) WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS, AND SIDEWALKS. SOIL SHOULD BE COMPACTED TO APPROXIMATELY 95% PROCTOR TO ENSURE A FIRM SURFACE.
 6. SEE SECTION 8.2(B) OF THE VMS FOR SOIL AMENDMENT AND INSTRUCTION PROCEDURES FOR STREET TREE PLANTER STRIPS. ALL STREET TREE PLANTER STRIPS SHALL RECEIVE 40% COMPOST AMENDED SOIL TO THE FULL DEPTH OF THE STREET TREE ROOTBALL.

SOIL AMENDMENT AND DEPTH - CITY STANDARD 01-02-08a

SCALE: NTS

SOIL AND MULCH SPECIFICATION
MULCH, COMPOST AND TOPSOIL PRODUCTS TO BE SOURCED FROM SUPPLIERS THAT COMPLY WITH THE FOLLOWING IN COMPOST AND ORGANIC MATERIAL:
UAC 173-350 COMPOSTED MATERIAL
UAC 173-308 BIOSOLIDS MANAGEMENT

TOPSOIL AND COMPOST TO HAVE PH LEVELS BETWEEN 4.5 AND 6.5.
TOPSOIL TO BE "CEDAR GROVE 3-WAY" OR EQUAL.
MULCH TO BE MEDIUM BARK OR LARGER, FREE OF DEBRIS AND CONTAMINANTS.

*MINIMUM PAVEMENT PROFILE OPTIONS TO MEET H-20 LOADING	
PAVEMENT	+ AGGREGATE BASE COURSE
4\"/>	+ 4\"/>
3\"/>	+ 12\"/>
4\"/>	+ 12\"/>
2.4\"/>	+ 5\"/>

- NOTES
1. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
 3. PROVIDE SUPPLEMENTAL IRRIGATION
 4. DO NOT SCALE DRAWINGS

STAKE TREE WITH (2) TREATED 2\"/>

"CHAINLOCK" OR EQUAL TREE TIE MATERIAL (1\"/>

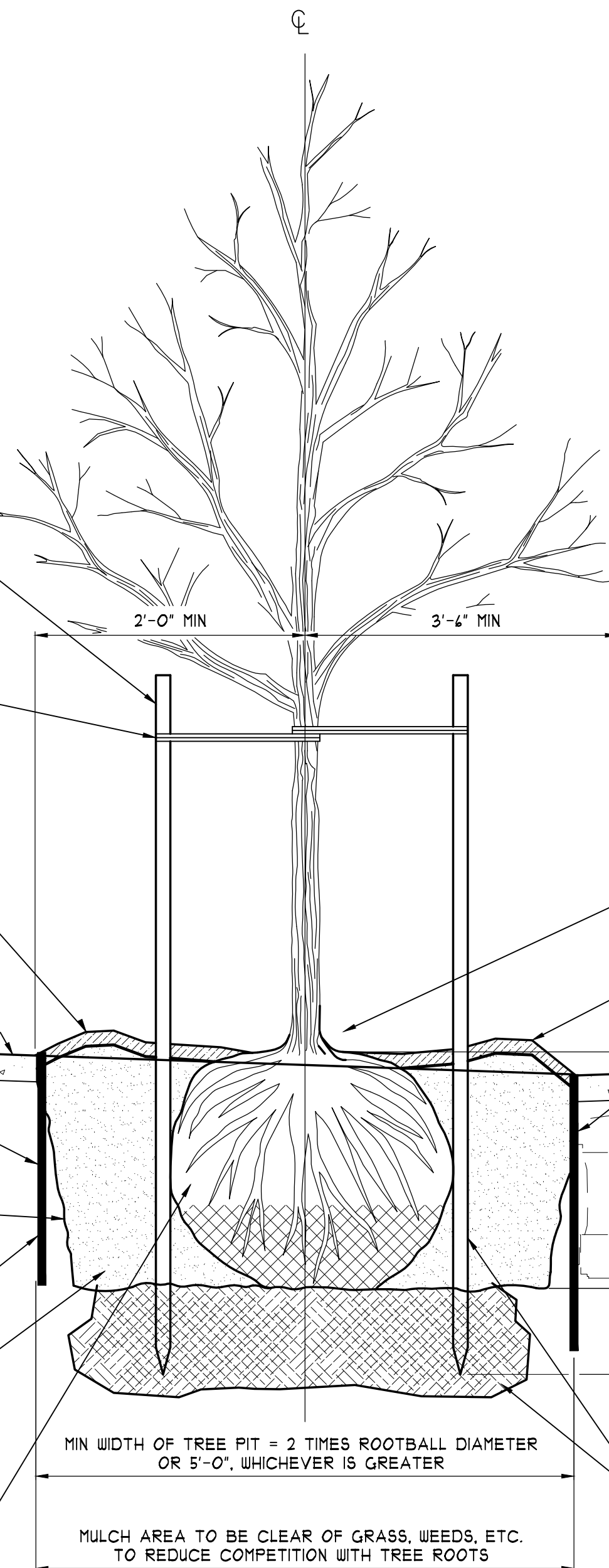
4\"/>

MULCH TREE PIT MIN 5\"/>

24\"/>

SEE STD SPEC SECTION 8.2 VMS, OR AS APPROVED BY PLANNING DEPT.

REMOVE ALL WIRE, STRINGS, AND OTHER NON-BURLAP MATERIAL, AND REMOVE BURLAP FROM TOP 2/3 OF ROOTBALL MINIMUM. REMOVE ENTIRELY WHEN DIRECTED BY THE PLANNING DEPT.

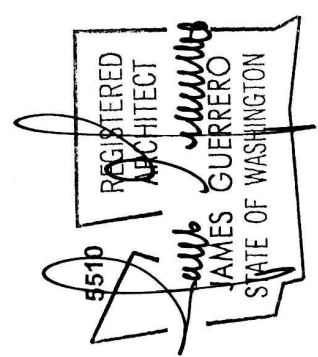


- NOTES:
1. PLANTING INCLUDES REMOVAL OF STAKES ONE YEAR AFTER INSTALLATION
 2. SHAPE SOIL SURFACE TO PROVIDE 4\"/>
 3. TREE CLEARANCE SHALL BE PER STD SECTION 01.01.11
 4. ADJUST TREE TIES DURING ESTABLISHMENT TO ALLOW ROOM FOR GROWTH (1\"/>
 5. ROOT BARRIER REQUIRED ALONG EDGE OF ROADWAY, CURB, DRIVEWAY, TRAIL, SIDEWALK, OR OTHER STRUCTURES WHERE ROOT BALL IS WITHIN FIVE FEET; PLACE VERTICAL ROOT BARRIER AS SHOWN IN STANDARD PLAN 01.02.03. INSTALL ROOT BARRIERS FOR NEWLY PLANTED TREES ONLY.
 6. FOR CONTAINER GROWN TREES, CORRECT ALL CIRCLING/MATTED ROOTS BY LOOSENING ROOTS AND SPREADING THEM FLAT AND/OR MAKING CLEAN CUTS TO CIRCLED ROOT(S) PRIOR TO PLANTING TO ALLOW HORIZONTAL ROOT GROWTH. CONTAINERIZED TREES WITH HEAVY ROOT MATTING OR LARGE CIRCLING ROOTS SHALL BE REJECTED. ALL BARE ROOT TREES SHALL BE PLANTED WITH ROOTS FLAT AND HORIZONTAL IN THE PLANTING PIT (E.G. NOT CIRCLING THE PLANTING PIT WHEN PLANTED).
 7. ALL DECIDUOUS STREET TREES SHALL BE INSTALLED WITH A 20 GALLON TEMPORARY IRRIGATION BAG (TREEGATOR PRO, OR EQUAL EQUIVALENT) SHALL BE USED. ALL TEMPORARY IRRIGATION BAGS SHALL BE FILLED AT LEAST ONCE A WEEK FOR THE FIRST 2-3 YEARS AFTER PLANTING.

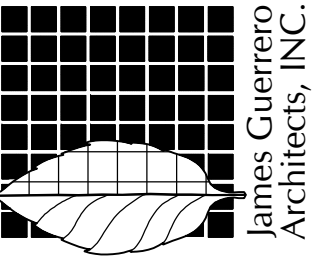
- SET TOP OF ROOT CROWN 1\"/>
- 24\"/>
- 3\"/>
- TREE PIT DEPTH = ROOTBALL DEPTH (MEASURE BEFORE DIGGING TO AVOID OVEREXCAVATION).
- DRIVE STAKES 4\"/>
- UNDISTURBED SUBGRADE (PROVIDES FIRM BASE SO THAT ROOTBALL WILL NOT SINK).

STREET TREE PLANTING IN PLANTING STRIP - CITY STANDARD 01-02-01

SCALE: NTS



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2ND STREET APARTMENTS
LANDSCAPE DETAILS

PERMIT REVIEW SET

DATE: 01/26/22
REVISED: 07-26-22
10-19-22
SHEET NO.

L1.1
PROJECT NO. 20-012

WA Certified Professional
Horticulturist
Rhene Johns
CPH #2571
Through 3-31-2022