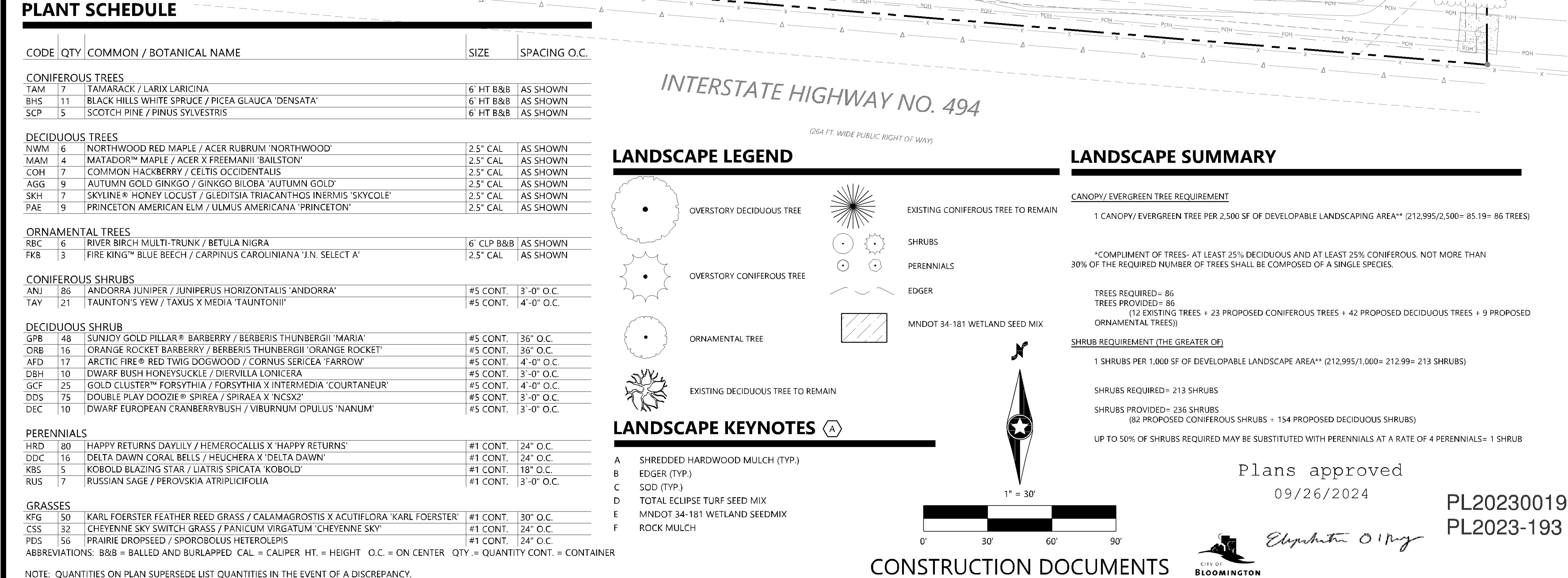




1. CONTRACTOR SHALL CONTACT COMMON GROUND ALLIANCE AT 811 OR CALL811.COM TO VERIFY LOCATIONS OF ANY UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANTS OR LANDSCAPE MATERIAL.
2. ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO FIELD AND SITE CONDITIONS.
3. NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
4. ALL SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO SUBMISSION OF ANY BID AND/OR QUOTE BY THE LANDSCAPE CONTRACTOR.
5. CONTRACTOR SHALL PROVIDE TWO YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS ON THE DATE OF THE LANDSCAPE ARCHITECT'S OR OWNER'S WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT PLANT MATERIAL SHALL HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.
6. ALL PLANTS TO BE SPECIMEN GRADE, MINNESOTA-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO, BUT IS NOT LIMITED BY, THE FOLLOWING STANDARDS:
 - ALL PLANTS SHALL BE FREE FROM DISEASE, PESTS, WOUNDS, SCARS, ETC.
 - ALL PLANTS SHALL BE FREE FROM NOTICABLE GAPS, HOLES, OR DEFORMITIES.
 - ALL PLANTS SHALL BE FREE FROM BROKEN OR DEAD BRANCHES.
 - ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAFING
 - CONIFEROUS TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS THAN 5:3.
7. PLANTS TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2014 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
8. PLANTS TO BE INSTALLED AS PER MINN. & ANSI STANDARD PLANTING PRACTICES.
9. PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY, TEMPORARY ONLY.
10. PRIOR TO PLANTING, FIELD VERIFY THAT THE ROOT COLLAR/ROOT FLAIR IS LOCATED AT THE TOP OF THE BALL & BURLAP TREE. IF THIS IS NOT THE CASE, SOIL SHALL BE REMOVED DOWN TO THE ROOT COLLAR/ROOT FLAIR, WHEN THE BALL & BURLAP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAIR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.
11. OPEN TOP BURLAP OR BE MATERIALS. REMOVE POT ON POTTED PLANTS; SPLIT AND BREAK APART PEAT POTS.
12. PRUNE PLANTS AS NECESSARY - PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
13. WRAP ALL SMOOTH-BARKED TREES - FASTEN TOP AND BOTTOM. REMOVE BY APRIL 1ST.
14. STAKING OF TREES AS REQUIRED; REPOSITION, PLUMB AND STAKE IF NOT PLUMB AFTER ONE YEAR.
15. THE NEED FOR SOIL AMENDMENTS SHALL BE DETERMINED UPON SITE SOIL CONDITIONS PRIOR TO PLANTING. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENTS.
16. BACKFILL SOIL AND TOPSOIL TO ADHERE TO MIN/DOT STANDARD SPECIFICATION (PART 377 [SELECT TOPSOIL BORROW]) AND TO BE EXISTING TOP SOIL FROM SITE FREE OF ROOTS, ROCKS LARGER THAN ONE INCH, SUBSOIL DEBRIS, AND LARGE WEEDS UNLESS SPECIFIED OTHERWISE. MINIMUM 6" DEPTH TOPSOIL FOR ALL LAWN AREAS AND 12" DEPTH TOPSOIL FOR TREE, SHRUB, AND PERENNIALS.
17. MULCH TO BE AT 1/2 INCH TREE, SHRUB, PERENNIAL AND MAINTENANCE AREAS. TREE AND SHRUB PLANTING BEDS SHALL HAVE 4" DEPTH OF SHREDED HARDWOOD MULCH. SHREDED HARDWOOD MULCH TO BE USED AROUND ALL PLANTING AREAS. PERENNIAL BEDS SHALL HAVE 2" DEPTH SHREDED HARDWOOD MULCH. MULCH TO BE FREE OF DELETERIOUS MATERIAL AND COLORED RED OR APPROVED ALICE. ROCK MULCH TO BE BUFF LIMESTONE, 1 1/2" TO 3" DIAMETER, AT MINIMUM 3" DEPTH, OR APPROVED ALICE. ROCK MULCH TO BE ON COMMERCIAL GRADE FILTER FABRIC, BY TYPE, OR APPROVED ALICE WITH NO EXPOSURE. MULCH AND FABRIC TO BE APPROVED BY OWNER PRIOR TO INSTALLATION. MULCH TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
18. EDGING TO BE COMMERCIAL GRADE VALLEY VINE BLACK DIAMOND (OR EQUAL) POLY EDGING OR SPAVED EDGE. AS INDICATED. POLY EDGING SHALL BE PLACED WITH SMOOTH CURVES AND STAKED WITH METAL SPIKES NO GREATER THAN 4 FOOT ON CENTER WITH BASE OF TOP BEAD AT EDGE. FOR MOWERS TO CUT ABOVE WITHOUT DAMAGE. UTILIZE CURBS AND SIDEWALKS FOR EDGING WHERE POSSIBLE. SPAVED EDGE TO PROVIDE V-SHAPED BEDDING TO PROVIDE BETTER SEPARATION BETWEEN MULCH AND GRASS. IN TREE, SHRUB, OR RAIN-GARDEN BEDS TO BE SPAVED EDGE, UNLESS NOTED OTHERWISE. EDGING TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
19. ALL DISTURBED AREAS TO BE SOODED OR SEEDED, UNLESS OTHERWISE NOTED. PARKING LOT ISLANDS TO BE SOODED WITH SHREDED HARDWOOD MULCH AROUND ALL TREES AND SHRUBS. SOD TO BE STANDARD MINNESOTA GROWN AND HARDY BLUEGRASS MIX, FREE OF LAWN WEEDS. ALL TOPSOIL AREAS TO BE RAKED TO REMOVE DEBRIS AND ENSURE DRAINAGE. SLOPES OF 3:1 OR GREATER SHALL BE STAKED. SEED AS SPECIFIED AND PER MIN/DOIT SPECIFICATIONS. IF NOT INDICATED ON LANDSCAPE PLAN, SEE EROSION CONTROL PLAN.
20. PROVIDE IRRIGATION TO ALL PLANTED AREAS ON SITE. IRRIGATION SYSTEM TO BE DESIGN/BUILT BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR TO PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. CONTRACTOR TO PROVIDE OPERATION/MANUALS, AS-BUILT PLANS, AND NORMAL PROGRAMMING. SYSTEM SHALL BE WINTERIZED AND HAVE SPRING STARTUP PROVIDED FOR FIRST YEAR OF OPERATION. SYSTEM SHALL HAVE ONE YEAR WARRANTY ON ALL PARTS AND LABOR. ALL INFORMATION ABOUT INSTALLATION AND SCHEDULING CAN BE OBTAINED FROM THE GENERAL CONTRACTOR.
21. CONTRACTOR SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.
22. REPAIR, REPLACE, OR PROVIDE SOD/SEED AS REQUIRED FOR ANY ROADWAY BOULEVARD AREAS ADJACENT TO THE SITE DISTURBED DURING CONSTRUCTION.
23. CONTRACTOR SHALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.

TOTAL ECLIPSE

SHADE TOLERANT KENTUCKY BLUEGRASS BLEND

TWIN CITY SEED CO.

Elite NTEP Variety Performance	Top-performing Shade Varieties	Aggressive Growth Habit	Dark Green Color	Strong Disease Resistance	Heat & Drought Tolerant
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The TCS™ TOTAL Eclipse Kentucky Bluegrass Blend is an elite house blend of top-performing NTEP Kentucky Bluegrass varieties hand picked by our in-house turfgrass experts, with an emphasis placed on performance in shade tolerance trials. These varieties achieved an aggregate NTEP overall quality score of 8.9 under typical conditions, and a 8.8 in shady conditions. This mix is sure to provide the darkest lawn on the block with an NTEP Genetic Color score of 7.4. This blend is perfect for both formal lawns, fields, sports, golf, parks, and golf courses—especially those that want a shade-tolerant bluegrass option!

Suggested Maintenance: Best results are achieved with two or more fertilizations per growing season with irrigation sufficient to promote healthy growth throughout the growing season. A recommended 2-3 inch mowing height. Can be taken down to 1 inch.

KENTUCKY BLUEGRASS BLEND

25% After Midnight Kentucky Bluegrass

25% Mazama Kentucky Bluegrass

25% Starr Kentucky Bluegrass

25% Blue Gem Kentucky Bluegrass

*Or equivalent depending on availability...

SEEDING RATES

New turf	Overseeding
2-4 lbs/1000 sqft	2-3 lbs/1000 sqft
90-175 lbs/acre	90-130 lbs/acre

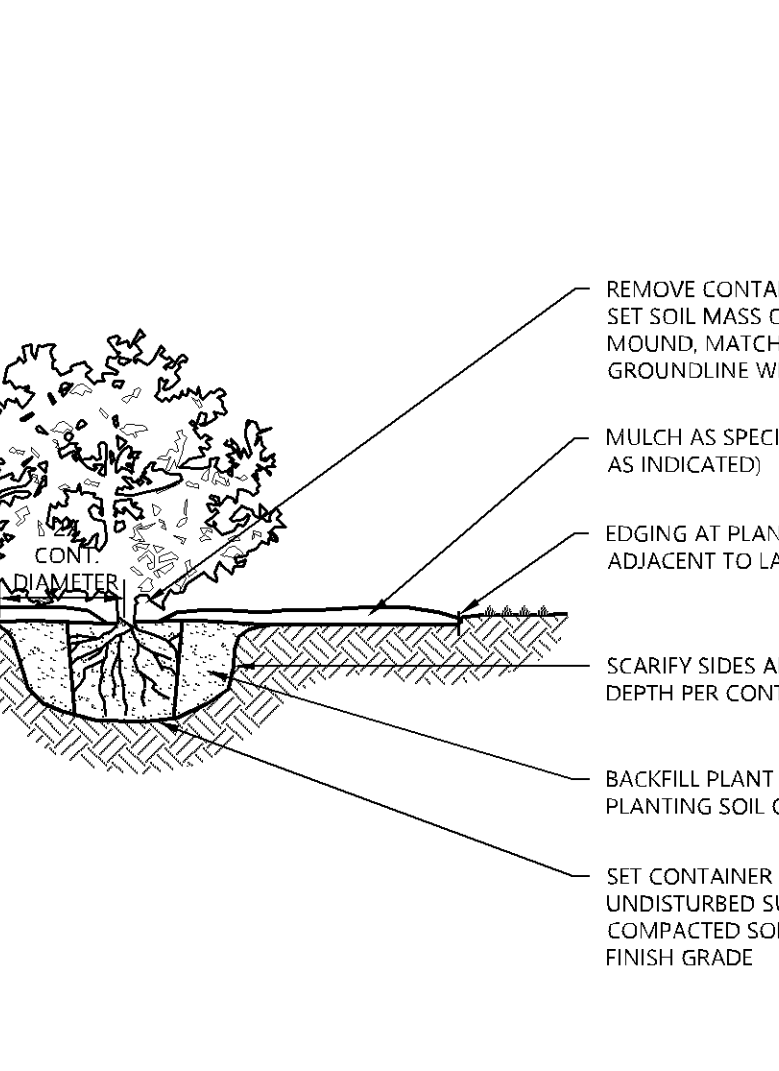
ESTABLISHMENT

Germination in 14-23 days under ideal conditions

TWIN CITY SEED CO.

7265 Washington Ave. S.
Edina, MN 55439
Phone: 952-944-7105
Fax: 952-944-7239

Scan to visit our website!

Westwood	EVERGREEN TREE PLANTING	LAST REVISED: MAY/16	N.T.S.
 The diagram illustrates the steps for planting an evergreen tree. A tree is shown in a container, which is being lowered into a hole. The hole is filled with soil, and the container is being removed. The diagram shows the container being removed, the soil being set, and the mulch being applied. The diagram is labeled with 'REMOVE CONTAINER, SCARIFY SIDES, AND SET SOIL MASS ON COMPACTED SOIL BASE MOUND, MATCHING SHRUBS NATURAL GROUNDLINE WITH FINISHED GRADE', 'MULCH AS SPECIFIED (AND FILTER FABRIC, AS INDICATED)', 'EDGING AT PLANTING BEDS, AS SPECIFIED, ADJACENT TO LAWN AREAS', 'SCARIFY SIDES AND BOTTOM OF HOLE DEPTH PER CONTAINER SOIL DEPTH', 'BACKFILL PLANT PIT WITH SPECIFIED PLANTING SOIL OR AS APPROVED', and 'SET CONTAINER ROOT SOIL ON UNDISTURBED SUBSOIL, OR MILDLY COMPACTED SOIL FOR DEPTH TO MATCH FINISH GRADE'.		LA29	N.T.S.
Westwood	SHRUB & PERENNIAL CONTAINER PLANTING	LAST REVISED: MAY/16	N.T.S.
		LA27-C	

NUMBER:
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06/11/2024