



**PLANT MATERIAL NOTES:**

1. ALL PLANTINGS SHALL CONFORM TO QUALITY REQUIREMENTS AS PER ANSI Z60.1.
2. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY AND SIZE SPECIFIED, NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE.
3. CONTACT LANDSCAPE ARCHITECT, IN WRITING, TO REQUEST ANY PLANT MATERIAL SUBSTITUTIONS DUE TO AVAILABILITY ISSUES.
4. ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY AND FLOURISHING CONDITION DURING THE GROWING SEASON FOLLOWING INSTALLATION. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM THE TIME OF INSTALLATION. ALL EVERGREEN TREES SHALL BE GUARANTEED FOR THREE YEARS FROM THE TIME OF INSTALLATION.

**LANDSCAPE MATERIAL NOTES:**

1. CONTRACTOR SHALL PROVIDE A SUITABLE AMENDED TOPSOIL BLEND FOR ALL PLANTING AREAS WHERE SOIL CONDITIONS ARE UNSUITABLE FOR PLANT GROWTH. TOPSOIL SHALL CONFORM TO QUALITY REQUIREMENTS AS PER SECTION 625.2(1) OF THE "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION." PROVIDE A MINIMUM OF 18" OF TOPSOIL IN ALL PLANTING AREAS AND 6" OF TOPSOIL IN AREAS TO BE SEEDED/SODDED.
2. SUBSOIL UNDER TURF AND PLANTING BEDS MUST BE FREE DRAINING AND LOOSE TO ALLOW ROOT PENETRATION AND DRAINAGE. LANDSCAPE CONTRACTOR SHOULD NOTIFY GENERAL CONTRACTOR IF SUBSURFACE COMPACTION IS UNFIT FOR PLANTING. LANDSCAPE CONTRACTOR IS NOT RESPONSIBLE FOR SUBSURFACE SOIL PREPARATION.
3. LANDSCAPE BEDS TO BE MULCHED WITH UNDYED SHREDDED HARDWOOD BARK MULCH TO 3" DEPTH MIN.
4. LANDSCAPE BEDS ARE SEPARATED FROM SEEDED AREAS WITH COMMERCIAL GRADE ALUMINUM LANDSCAPE EDGING, PERMALOC CLEANLINE 1/8"x4" OR EQUAL, COLOR BLACK ANODIZED.
5. ALL TREES AND/OR SHRUBS PLANTED IN SEEDED AREAS TO BE INSTALLED WITH A 5' DIAMETER MULCH RING AND SHOVEL CUT EDGE. A SLOW RELEASE FERTILIZER AND MYCORRHIZAL INOCULANT SHOULD BE APPLIED TOPICALLY AT TIME OF PLANTING PRIOR TO MULCH APPLICATION. APPLICATION RATES TO REFLECT MANUFACTURER SPECIFICATIONS.

**SEEDING AND PLUG PLANTING NOTES:**

1. ALL AREAS LABELED 'SHORT PRAIRIE' TO BE SEEDED WITH 'SHORTGRASS PRAIRIE FOR MEDIUM SOILS' BY AGRECOL OR EQUIVALENT, PER MANUFACTURER'S SPECIFICATIONS. ALL NATIVE SEEDINGS BETWEEN JUNE 15TH AND OCTOBER 15TH TO RECEIVE AT LEAST 3/4" WATER TWICE WEEKLY. NATIVE SEEDING PRIOR TO JUNE 15TH AND AFTER OCTOBER 15TH DO NOT REQUIRE WATERING. PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.
2. AREAS SHOWN AS TURF GRASS TO BE SEEDED WITH 'WEAR-N-TEAR' SEED MIX BY LA CROSSE SEED OR EQUIVALENT. ALL SEEDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH IS ESTABLISHED, APPLY 1/2" WATER TWICE WEEKLY UNTIL FINAL ACCEPTANCE. (PRIOR TO ROUTINE MAINTENANCE SCHEDULE ESTABLISHMENT, MOWING SHOULD OCCUR TO MAINTAIN A TURF HEIGHT OF 3"-6".) PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.
3. INSTALL BUTTERFLY GARDEN PLUG PLANTINGS AS 2" X 2" X 4" OR 2.25" X 2.25" X 5" DEEP PLUGS AS SUPPLIED BY AGRECOL, MIDWEST GROUNDCOVERS OR EQUAL. BIORETENTION PLUGS TO BE INSTALLED 14" ON CENTER IN A TRIANGULAR GRID PATTERN. PLANT SPECIES RANDOMLY THROUGHOUT SPECIFIED AREA, MAINTAINING AN EVEN RATIO OF GRASSES/SEDGES TO FORBS (WILDFLOWERS) THROUGHOUT PLANTING. APPLY 1/2" WATER DAILY FOR 3 WEEKS FOLLOWING INSTALLATION.
4. ALL UNLABELED DISTURBED AREAS, AND AREAS LABELED LOW MAINTENANCE LAWN BLEND TO BE SEEDED WITH 'LOW MAINTENANCE LAWN BLEND' BY PRAIRIE MOON OR EQUIVALENT, PER MANUFACTURER'S SPECIFIED APPLICATION RATES. ALL TURF SEEDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH IS ESTABLISHED, APPLY 1/2" WATER TWICE WEEKLY UNTIL FINAL ACCEPTANCE. PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.

**GENERAL LANDSCAPE NOTES:**

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ANY RIGHT OF WAY WORK.
2. CONTRACTOR SHALL VERIFY ALL UTILITIES WITHIN SCOPE OF CONTRACT.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS AT SITE AND COMPLETE WORK PER SCHEDULE.
4. CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS WITHIN SITE AFTER COMPLETION. CONTRACTOR SHALL CLEAN ANY AFFECTED PAVED AREAS OUTSIDE OF DISTURBANCE DELINEATION DAILY.

**PRAIRIE AREAS: PLANTING AND MAINTENANCE THROUGH YEAR 2**  
PREPARING THE SITE

- Remove weeds from site prior to planting, using one or a combination of the following methods:
1. Apply a vegetation killing herbicide such as glyphosate at least two times spaced two weeks apart. Apply seed or plant plugs after two weeks from the second herbicide application.
  2. Cover the area entirely with black plastic or cardboard for one growing season.
  3. Roto till or disk the area at least every month for at least one entire growing season.

**PLANTING THE SEED**

Plant seed mix before June 15 or after October 15 for best results. Soil seed contact is necessary for seeds to germinate; either till soil well or use a special drill for no-fill seeding. Incorporate any necessary soil amendments prior to seeding. Do not plant seed deeper than one inch. Watering and mulching may help support germination, but watering must be done consistently until germination is complete.

**CARING FOR THE PLANTING**

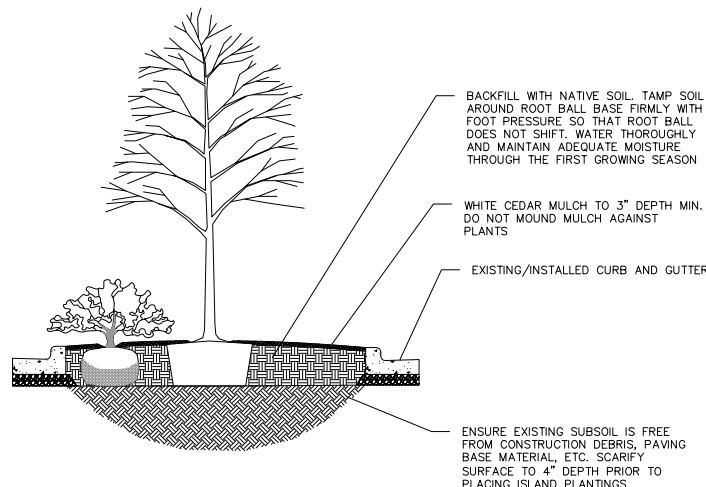
Weed control is critical while the native plants are becoming established. Weeds may be controlled via mowing, spot herbicide application, or hand pulling. During the first growing season, mow at a height no less than 6" in late June, late July and late August. In the second year, mow at a height of no less than 6" in late June and mid August. Spot invasive weed treatment should be completed at least once a year with a selective herbicide. Refer to resources provided by the DNR for specific invasive species to be targeted.

**PRAIRIE AREAS: MAINTENANCE AFTER YEAR 2**

After two growing seasons, weeds can be controlled via burning. Burning is best done in late spring (late April) for maximum inhibition of weeds and to preserve winter nesting habitat. Burning should be done biennially. In areas where burning is not feasible, remaining vegetation should be mowed to a height of 6" in late fall or early spring every other year. Spot herbicide treatment should be considered as annual maintenance. Initial invasive species elimination effort results in lower maintenance efforts following treatments.

**NOTES:**

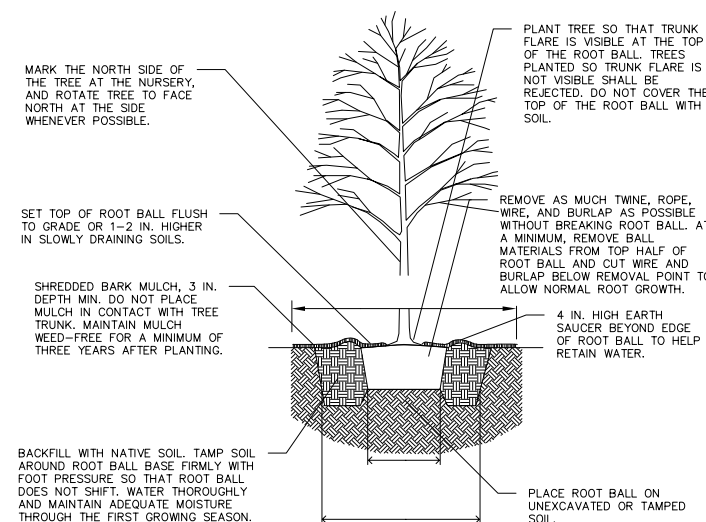
1. PARKING ISLAND TO BE FREE OF AGGREGATE TO A MINIMUM DEPTH OF 24"
2. ANY PAVEMENT BASE MATERIALS REMAINING FROM PAVEMENT INSTALLATION WITHIN PLANTING AREA SHALL BE REMOVED AND REPLACED WITH NATIVE SOIL PRIOR TO PLANTING



1 PARKING ISLAND PLANTING AREA  
1 NOT TO SCALE

**NOTES:**

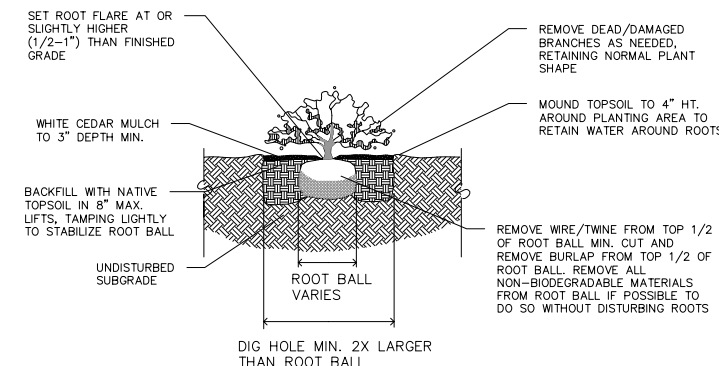
1. DO NOT HEAVILY PRUNE TREE AT PLANTING. PRUNE ONLY CROSSING LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
2. STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
3. WRAP TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.



1 B&B TREE PLANTING DETAIL  
1 NOT TO SCALE

**NOTES:**

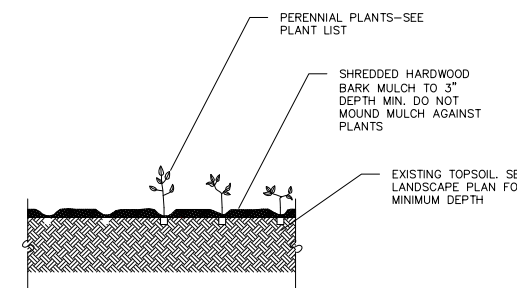
1. KEEP CONTAINERS ON PLANTS UNTIL READY TO INSTALL TO MINIMIZE ROOT DAMAGE FROM EXPOSURE TO AIR. GENTLY LOOSEN ROOTS ON ROOTBOUND PLANTS. SEVERELY ROOTBOUND PLANTS WILL BE REJECTED.
2. APPLY BALANCED SLOW RELEASE FERTILIZER PELLETS TO SOIL SURFACE PRIOR TO MULCHING, PER SPECIFIED APPLICATION RATES.
3. WATER PLANTS THOROUGHLY AFTER PLANTING TO SETTLE SOIL.



1 SHRUB PLANTING DETAIL  
1 NOT TO SCALE

**NOTES:**

1. KEEP CONTAINERS ON PLANTS UNTIL READY TO INSTALL TO MINIMIZE ROOT DAMAGE FROM EXPOSURE TO AIR. GENTLY LOOSEN ROOTS ON ROOTBOUND PLANTS. SEVERELY ROOTBOUND PLANTS WILL BE REJECTED.
2. APPLY BALANCED SLOW RELEASE FERTILIZER PELLETS TO SOIL SURFACE PRIOR TO MULCHING, PER SPECIFIED APPLICATION RATES.
3. WATER PLANTS THOROUGHLY AFTER PLANTING TO SETTLE SOIL.



1 PERENNIAL PLANTING DETAIL  
1 NOT TO SCALE

REVISIONS	NO.	DATE	REMARKS

DATE: 4/17/2023  
DRAFTER: EGOR  
CHECKED: CKNA  
PROJECT NO.: 220335