

GENERAL PLANTING NOTES

- PRIOR TO BEGINNING ANY WORK ON THE SITE, THE CONTRACTOR SHALL CONTACT THE OFFICE OF THE LANDSCAPE ARCHITECT FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING OF WORK. REPORT ANY ISSUES IN SITE CONDITIONS AND CONSTRUCTION THAT MAY AFFECT THE PLANTING LAYOUT TO THE PROJECT ARCHITECT PRIOR TO STARTING CONSTRUCTION.
- LANDSCAPE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND SERVICE NECESSARY TO FURNISH AND INSTALL PLANTINGS AS SPECIFIED HEREIN AND AS SHOWN ON THESE PLANS.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT LANDSCAPE ARCHITECT'S APPROVAL. ALTERNATIVE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REVISE PLANT LIST AS DEEMED NECESSARY.
- LANDSCAPE CONTRACTOR IS TO STAKE ALL PLANT MATERIAL (TREE AND SHRUB) LOCATIONS AS WELL AS PLANTER BED EDGER LOCATIONS PRIOR TO INSTALLATION. CONTRACTOR IS TO CONTACT OWNER'S REPRESENTATIVE FOR PRE-INSTALLATION CONFERENCE AND FINAL APPROVAL OF STAKING. ADJUST PLANT LOCATIONS ONLY AS NECESSARY TO AVOID SITE CONFLICTS.
- UTILITIES HAVE BEEN SHOWN ON THE PLAN FOR ROUGH LOCATION OF SERVICES. CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE WORK. LOCATE EXACT UTILITY LOCATIONS BY CONTACTING UTILITY LOCATOR SERVICES. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE HE MAY CAUSE TO UTILITIES.
- GENERAL CONTRACTOR SHALL PROVIDE 4" OF TOPSOIL AT ALL SOD AND PLANTING AREAS. GRADE SHALL BE ADJUSTED FOR SOD THICKNESS. ANY BERMS SHOWN ON PLANS ARE REFLECTED ON GRADING PLAN. FINISH GRADING SHALL BE PERFORMED BY LANDSCAPE CONTRACTOR.
- WHEN CLAY SOIL IS ENCOUNTERED IN THE ESTABLISHMENT OF THE LAWN OR THE INSTALLATION OF THE PLANT MATERIAL IT SHALL BE IMPROVED IN ACCORDANCE WITH STANDARD TRADE PRACTICE.
- BACKFILL FOR PLANT EXCAVATIONS TO BE CLEAN NATURAL SOIL. EXCAVATED FROM PLANTING PITS MIXED WITH COMPOST AND WELL-ROTTED MANURE AT A RATIO OF THREE (3) PARTS SOIL TO ONE (1) PART COMPOST AND WELL-ROTTED MANURE.
- CULTIVATE GROUND COVER PLANTING BEDS TO A DEPTH OF 6". TILL COMPOST AND WELL-ROTTED MANURE INTO THE PLANTING BED AT THE APPROXIMATE RATIO OF ONE (1) PART COMPOST/ MANURE TO THREE (3) PARTS SOIL.
- ALL PLANT MATERIALS SHALL BE PROTECTED FROM THE DRYING ACTION OF THE SUN AND WIND AFTER BEING DUG, WHILE BEING TRANSPORTED, AND WHILE AWAITING PLANTING. BALLS OF PLANTS WHICH CANNOT BE PLANTED IMMEDIATELY SHALL BE PROTECTED FROM DRYING ACTION BY COVERING THEM WITH MOIST MULCH. PERIODICALLY, APPLY WATER TO MULCH-COVERED BALLS TO KEEP MOIST. IF PLANTING SHOULD OCCUR DURING GROWING SEASON, APPLY ANTI-DESICCANT TO LEAVES BEFORE TRANSPORT TO REDUCE LIKELIHOOD OF WINDBURN. REAPPLY ANTI-DESICCANT AFTER PLANTING TO REDUCE TRANSPIRATION.
- AFTER PLANTING IS COMPLETED, REPAIR INJURIES TO ALL PLANTS AS REQUIRED. LIMIT AMOUNT OF PRUNING TO A MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES. PRUNE IN SUCH A MANNER AS NOT TO CHANGE NATURAL HABIT OR SHAPE OF PLANT. MAKE CUTS FLUSH, LEAVING NO STUBS. CUTS OF ONE INCH (1") OR MORE TO BE PAINTED WITH TREE PAINT. CENTRAL LEADERS SHALL NOT BE REMOVED.
- TREE TRUNKS SHALL BE STRAIGHT.
- PLANT GROUNDCOVER/ PERENNIALS WITHIN ONE FOOT (1') OF TRUNK OF TREES OR SHRUBS PLANTED WITHIN AREA. PLANTING ARRANGEMENTS SHALL BE TRIANGULAR, WITH PROPER ON-CENTER SPACING BETWEEN PLANTS.
- STEEL EDGING MATERIAL SHALL BE USED TO SEPARATE ALL TURF AREAS FROM PLANTING BEDS. PLACE EDGING FLUSH WITH GRADE. SECURE EDGE MATERIAL IN SOIL WITH MINIMUM TWO STAKES PER SECTION.
- PLANTING BEDS ARE TO BE FREE OF WEEDS AND GRASS. TREAT PLANTING BEDS WITH A PRE-EMERGENT HERBICIDE PRIOR TO PLANTING. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE. DO NOT APPLY HERBICIDE IN PERENNIAL BEDS.
- THE CONTRACTOR SHALL PROVIDE ALL WATER, WATERING DEVICES AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS UNTIL ACCEPTANCE OF PLANT MATERIALS AS DESCRIBED WITHIN SPECIFICATIONS. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANT'S HEALTHY CONDITION.
- USE HARDWOOD CHIP MULCH IN ALL PLANTING BEDS. LANDSCAPE CONTRACTOR SHALL SUBMIT A SAMPLE OF MULCH FOR APPROVAL PRIOR TO STARTING CONSTRUCTION. SIZE OF MATERIAL TO RANGE FROM 1" TO 3" ONLY. PLACE 3" TO 4" OF MULCH IN ALL SHRUB BEDS. PLACE 1" OF MULCH IN GROUNDCOVER BEDS. PLACE 4" OF MULCH IN ALL TREE SAUCERS.
- REMOVE ALL RUBBISH, EQUIPMENT AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES. REMOVE SOIL OR DIRT THAT ACCUMULATED DURING OR AS A RESULT OF PLANTING OPERATIONS EACH DAY.
- ALL PLANTS SHALL BE INSPECTED BY THE OWNER AND LANDSCAPE ARCHITECT AT SUBSTANTIAL COMPLETION. CONTRACTOR SHALL REPLACE IMMEDIATELY ANY PLANTS NOT IN HEALTHY AND VIGOROUS CONDITION AT THAT TIME AT NO EXPENSE TO THE OWNER.
- ANY VEGETATED AREAS DISTURBED BY THE CONSTRUCTION PROCESS MUST BE RESTORED BY REPAIRING THE SOIL BED AND RE-ESTABLISHING ORIGINAL PLANTINGS.
- LANDSCAPE CONTRACTOR IS REQUIRED TO REMOVE THE TREE STAKES AND ALL DEAD WOOD ON TREES ONE YEAR AFTER PROVISIONAL/ FINAL ACCEPTANCE.
- ALL TREES SHALL BE CALLIPERED, AND UNDERSIZED TREES SHALL BE REJECTED.
- ANY DEVIATION TO THE APPROVED FINAL LANDSCAPE PLAN SHALL REQUIRE THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- IF SHOWN, CONTRACTOR SHALL VERIFY THE AMOUNT OF PLANT MATERIALS SHOWN ON THE PLANS MATCHES THE QUANTITY SHOWN ON THE PLANT SCHEDULE. QUANTITIES LISTED ON PLANS SUPERSEDE THOSE ON PLANT MATERIALS LIST. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
- FERTILIZE ALL PLANT MATERIALS AND TURF WITH MILORGANITE FERTILIZER AT MANUFACTURERS RECOMMENDED RATE.
- REFER TO IRRIGATION CONCEPT PLAN FOR AREAS AND METHODS FOR IRRIGATION.
- APPLY MYKE (OR EQUAL) MYCORRHIZAL FUNGI TO PLANT MATERIAL PER THE MANUFACTURERS INSTRUCTIONS.
- PROTECT AND SAVE THE EXISTING PLANT MATERIALS SHOWN ON THE PLANS UNLESS NOTED OTHERWISE.
- ALL PLANT MATERIALS SHALL HAVE BACKFILL CAREFULLY PLACED AROUND BASE AND SIDES OF BALL TO TWO-THIRDS (2/3) DEPTH OF BALL, THEN THOROUGHLY SOAKED WITH WATER TO ALLOW SETTLEMENT. ALL WIRE, BURLAP FASTENERS AND LOOSE BURLAP AROUND BASE OF TREE SHALL BE REMOVED AT THIS TIME. REMAINDER OF PIT SHALL THEN BE BACKFILLED, ALLOWING FOR DEPTH OF MULCH, SAUCER AND SETTLEMENT OF BACKFILL. BACKFILL SHALL THEN BE THOROUGHLY WATERED ONCE AGAIN.
- PLANTING BEDS ARE TO BE FREE OF WEEDS AND GRASS. DO NOT INSTALL WEED BARRIER IN PLANTING AREAS.
- PERMANENT IRRIGATION SYSTEM WILL BE INSTALLED FOR A PORTION OF THE SITE - SEE SITE IRRIGATION PLAN. THE CONTRACTOR SHALL PROVIDE ALL WATER, WATERING DEVICES AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS LOCATED IN AREAS OUTSIDE OF THE IRRIGATION SYSTEM COVERAGE. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANTS HEALTHY CONDITION UNTIL PROJECT COMPLETION AND OWNER TAKES POSSESSION.
- PROVIDE TREE WATERING BAGS ON ALL TREES LOCATED OUTSIDE IRRIGATED AREAS LOCATED OUTSIDE IRRIGATED AREAS.
- ALL PLANTS SHALL BE INSPECTED AT SUBSTANTIAL COMPLETION. CONTRACTOR SHALL REPLACE IMMEDIATELY ANY PLANT NOT IN HEALTHY AND VIGOROUS CONDITION AT THAT TIME AT NO EXPENSE TO THE OWNER.
- THE LANDSCAPE CONTRACTOR IS TO REMOVE TREE STAKES AND ALL DEAD WOOD ON TREES ONE YEAR AFTER PROVISIONAL/FINAL ACCEPTANCE.
- TREE DIAMETER MEASUREMENT SHALL BE TAKEN FROM DBH (DIAMETER AT BREAST HEIGHT OF 4.5' ABOVE GROUND).

NATIVE GRASS NOTES

SUBMITTALS

- PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- CERTIFICATION OF GRASS SEED FROM SEED VENDOR FOR EACH SPECIES AND VARIETY, AND PERCENTAGE OF PURITY, GERMINATION, AND WEED SEED. INCLUDE YEAR OF PRODUCTION AND DATE OF PACKAGING.
- PLANTING SCHEDULE. INDICATE ANTICIPATED PLANTING DATES FOR SEED INSTALLATION.

NATIVE GRASS ESTABLISHMENT AND MAINTENANCE

- BEGIN MAINTENANCE IMMEDIATELY AFTER EACH AREA IS PLANTED AND CONTINUE UNTIL ACCEPTABLE STAND IS ESTABLISHED, BUT FOR NOT LESS THAN ONE COMPLETE GROWING SEASON AND A LATER WINTER MOWING THE FOLLOWING YEAR.
- AT THE BEGINNING OF THE FOLLOWING SEASON (MARCH 1 - APRIL 1), THE NATIVES SHALL BE MOWN TO THE GROUND.
- MAINTAIN AND ESTABLISH NATIVES BY WEEDING, MOWING, REPLANTING, AND OTHER OPERATIONS. REGRADE, PREP AND REPLANT BARE OR ERODED AREAS TO PRODUCE A UNIFORM STAND.
- MOW BROADLEAF WEEDS AND ALL AREAS WITH WEED COMPETITION WHEN WEED HEIGHTS REACH 8 INCHES OR SOONER AS NEEDED TO PREVENT ANNUAL GRASS SEED PRODUCTION. DO NOT SCALP GROUND OR MOW SHORTER THAN 3 INCHES. MOW 5 TIMES THE FIRST YEAR UNTIL ESTABLISHMENT HAS OCCURRED. MOW AS REQUIRED THE SECOND YEAR TO PREVENT BROADLEAF WEEDS FROM ESTABLISHING.
- BROADCAST AND RAKE INTO BARE SOILS IN AREAS INACCESSIBLE TO A DRILL. IT IS SUGGESTED THAT THE CONTRACTOR WATER IN NEWLY PLANTED AREAS THAT ARE BROADCAST FOR BEST RESULTS IN ENSURING A GOOD STAND. IF RAINFALL DOESN'T OCCUR WITH 2 WEEKS AFTER SEEDING, TEMPORARY WATERING IS REQUIRED AND CONSIDERED SUBSIDIARY TO THE PROJECT.
- PLANT BETWEEN MARCH 25TH AND APRIL 10TH (PREFERRED) OR BETWEEN FEBRUARY 15TH AND MAY 1ST (ACCEPTABLE).

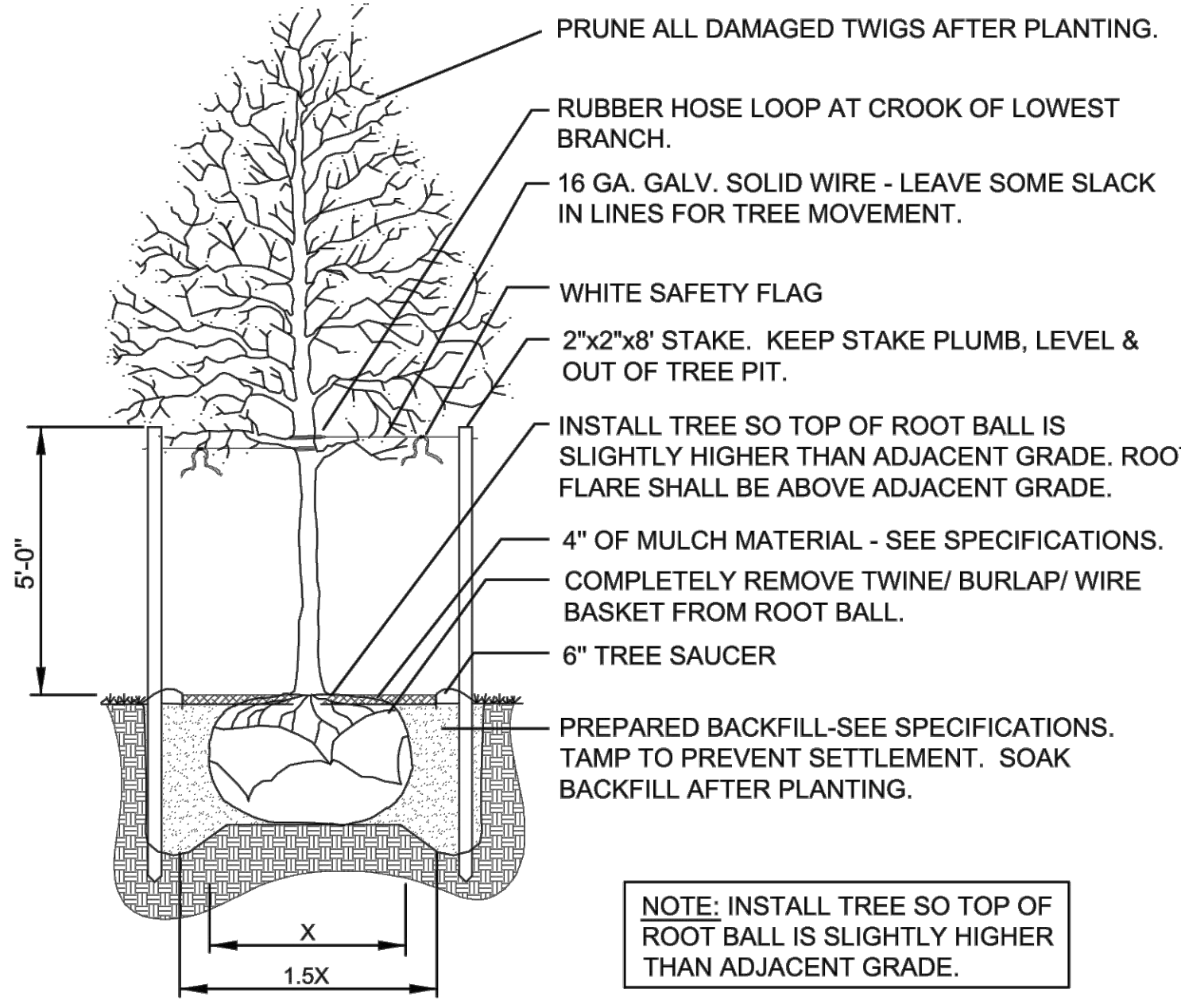
SATISFACTORY NATIVE STAND

- WITHIN ONE FULL GROWING SEASON AND AT THE END OF THE MAINTENANCE PERIOD, A HEALTHY, WELL-ROOTED, VIABLE NATIVE STAND HAS BEEN ESTABLISHED, FREE OF BARE AREAS GREATER THAN 2 SQUARE FEET IN SIZE AND FAILING TO RECEIVE 85% COVERAGE.
- RE-ESTABLISH NATIVE STANDS THAT DO NOT COMPLY WITH REQUIREMENTS AND CONTINUE MAINTENANCE UNTIL STANDS ARE SATISFACTORY.

PLANT SCHEDULE

DECIDUOUS TREES	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	DETAIL	REMARKS
	LIQ STY	Liquidambar styraciflua	Sweet Gum	2.5" Cal.	5		
	TAX DIS	Taxodium distichum	Bald Cypress	2.5" Cal.	4		
	ULM PAR	Ulmus parvifolia	Lacebark Elm	2.5" Cal.	1		
ORNAMENTAL TREES	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	DETAIL	REMARKS
	ACE TRU	Acer truncatum	Shantung Maple	2.5" Cal.	3		
	CER OKL	Cercis canadensis texensis 'Oklahoma'	Oklahoma Texas Redbud	2.5" Cal.	4		
	CRA IN3	Crataegus crus-galli inermis	Thornless Cockspur Hawthorn	2.5" Cal.	4		
	MAL PRA	Malus x 'Prairifire'	Prairifire Crabapple	2.5" Cal.	1		

NOTE: TREES THAT NATURALLY GROW WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF CENTRAL LEADER IS PRUNED, DAMAGED OR DOES NOT EXIST.



NOTE: INSTALL TREE SO TOP OF ROOT BALL IS SLIGHTLY HIGHER THAN ADJACENT GRADE.

1 TREE PLANTING DETAIL
NO SCALE

Scaled: 07-08-2021 5:18:15 PM by: BILL SEFSON
 Plot Scale: 1:1 07-09-2021 2:28:23 PM by: ###
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No.	Revision	By	Date
PANWEE AVENUE FROM WEBB TO GREENWICH PAVING AND INCIDENTAL DRAINAGE IMPROVEMENTS PLANTING DETAILS AND SCHEDULE GARY JANZEN, P.E.—CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-85434			
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Designed by	NLS	Job No.	171395-001
Drawn by	RFT	Date	APRIL 06, 2021
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