

SHRUBS AND PLANTING BEDS

THIS SPECIFICATION SHALL COVER THE SUPPLY AND INSTALLATION OF SHRUBS AND OTHER PLANTS, INCLUDING PLANTING BEDS AS SHOWN ON THE DRAWINGS.

THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY, INCLUDING ALL THINGS NECESSARY FOR AND INCIDENTAL TO THE SATISFACTORY PERFORMANCE AND COMPLETION OF THE WORK AS SPECIFIED HEREIN.

SOURCE QUALITY CONTROL

OBTAIN APPROVAL FROM THE CONTRACT ADMINISTRATOR OF PLANT MATERIAL AT SOURCE PRIOR TO DIGGING.

PROTECTION

COORDINATE SHIPPING OF NURSERY STOCK AND EXCAVATION OF HOLES TO ENSURE MINIMUM TIME LAPSE BETWEEN DIGGING AND PLANTING. TIE BRANCHES OF NURSERY STOCK SECURELY, AND PROTECT PLANTS AGAINST ROPE OR WIRE, WHICH WOULD DAMAGE BARK, BREAK BRANCHES OR DESTROY NATURAL SHAPE OF PLANT. GIVE FULL SUPPORT TO ROOT BALL OF NURSERY STOCK DURING LIFTING. COVER PLANT FOLIAGE WITH TARPULIN, AND PROTECT BARE ROOTS BY MEANS OF DAMPENED STRAW, PEAT MOSS, SAW DUST OR OTHER ACCEPTABLE MATERIAL TO PREVENT LOSS OF MOISTURE DURING TRANSIT AND STORAGE. REMOVE BROKEN AND DAMAGED ROOTS WITH SHARP PRUNING SHEARS. MAKE CLEAN CUTS AND COVER CUTS OVER 10 mm DIAMETER WITH A TREE WOUND DRESSING.

PRODUCTS

PLANTING BEDS AND PLANTING SOIL

PLANTING BED DEPTH SHALL BE 300 mm UNLESS OTHERWISE STATED.

PLANT MATERIAL

PLANT MATERIAL SHALL BE AS SPECIFIED ON THE PLANT SPECIFICATION LIST ON THE LANDSCAPE PLAN. ALL SIZES SHOWN ARE MINIMUM. PLANT FORM, HABIT, ETC. SHALL BE IN ACCORDANCE WITH THE MOST RECENT CANADIAN NURSERY LANDSCAPE ASSOCIATION (CNLA) PUBLICATIONS.

QUALITY AND SOURCE ARE TO COMPLY WITH THE CANADIAN STANDARDS FOR NURSERY STOCK, SEVENTH EDITION OF CNLA REFERRING TO SIZE AND DEVELOPMENT OF PLANT MATERIAL AND ROOT BALL.

SHRUBS ARE TO BE FREE OF DISEASE, INSECT INFESTATION, RODENT DAMAGE, SUN SCALD, FROST CRACKS, ABRASIONS, UNHEALED SCARS, SCARS EXCEEDING 4 cm IN DIAMETER, MAJOR FORKS OR CROOKS IN THE TRUNK, BROKEN BRANCHES, OR ANGLED LEADERS. BARE ROOT IS NOT ACCEPTABLE. PLANTS HAVING THE ABOVE DEFECTS WILL NOT BE ACCEPTED BY THE CONTRACT ADMINISTRATOR.

NURSERY STOCK IS TO BE GROWN IN NURSERIES UNDER PROPER CULTURAL PRACTICES AS RECOMMENDED BY THE CANADIAN NURSERY TRADES ASSOCIATION. ONLY NURSERY STOCK GROWN FOR AT LEAST THE LAST FOUR (4) YEARS IN NURSERIES LOCATED IN AN AGRICULTURE CANADA PLANT HARDINESS ZONE OF 2(A OR B) OR 3 (A OR B) WILL BE ACCEPTED. NURSERY STOCK THAT HAS GROWN IN PLANT HARDINESS ZONES 1 AND 4 OR GREATER WILL BE REJECTED.

SOD

FOR SODDING SPECIFICATIONS REFER TO CITY OF WINNIPEG'S STANDARD CONSTRUCTION SPECIFICATIONS SECTION CW3510-R8.

STONE MULCH (CRUSHED GREY GRAVEL) - LANDSCAPE FABRIC - EDGING - PEBBLE STONE PAVERS

STONE MULCH: 75mm Ø UNIFORM GRANITE CRUSHED GRAVEL IN DARK GREY COLOUR & TO BE INSTALLED TO 100 mm DEPTH OVER LANDSCAPE FABRIC IN LOCATIONS SHOWN ON THE LANDSCAPE PLAN.

ENSURE SOIL SETTLEMENT HAS BEEN CORRECTED PRIOR TO APPLICATION OF STONE MULCH (CRUSHED GREY GRAVEL).

LANDSCAPE FABRIC: 'WEEDPRO' OR APPROVED EQUAL IN ACCORDANCE WITH B7. LANDSCAPE FABRIC SHALL BE COMPLETELY COVERED BY THE STONE MULCH AND THE ENDS SHALL BE BURIED SO THAT FABRIC DOES NOT LIFT UP.

EDGING: 'BLACK DIAMOND EDGING' OR APPROVED EQUAL IN ACCORDANCE WITH B7. TO COVER AREAS (WEST TO EAST) ADJACENT TO SOD & STONE MULCH GRAVEL.

PEBBLE STONE PAVERS: 400 x 400 BARKMAN PEBBLESTONE SQUARE DYNASTY SLAB.

INSTALLATION

THE CONTRACTOR SHALL NOT INSTALL STONE MULCH (CRUSHED GREY GRAVEL) UNTIL THE FINISHED GRADE IS INSPECTED AND APPROVED BY THE CONTRACT ADMINISTRATOR.

LANDSCAPE FABRIC SHALL COVER ALL AREAS TO RECEIVE STONE MULCH (CRUSHED GREY GRAVEL) AND BE COMPLETELY COVERED BY THE MULCH/GRAVEL. THE ENDS SHALL BE BURIED SO THE FABRIC DOES NOT LIFT UP. FABRIC IS TO BE CUT IN LOCATION FOR PLANT MATERIAL.

WHEREVER STONE MULCH (CRUSHED GREY GRAVEL) MEETS TURF OR PLANTING BEDS AND PEBBLE PAVEMENT IS NOT SPECIFIED, BLACK DIAMOND EDGING IS TO BE INSTALLED AS PER MANUFACTURER'S INSTRUCTION.

STONE MULCH (CRUSHED GREY GRAVEL) IS TO BE SPREAD EVENLY TO A DEPTH OF 100 mm. MULCH IS TO BE CLEAN AND NO EXTRANEIOUS MATERIALS OR DEBRIS IS ALLOWED.

SHRUBS ARE TO BE PLANTED ACCORDING TO THE LANDSCAPE PLAN AND PLANTING DETAILS.

LOCATION OF NURSERY STOCK WILL BE STAKED OUT OR PAINTED ON SITE BY THE CONTRACTOR IN CONSULTATION WITH THE CONTRACT ADMINISTRATOR.

THE CONTRACTOR SHALL COORDINATE OPERATIONS, KEEPING THE SITE CLEAN AND THE PLANTING HOLES DRAINED. THE CONTRACTOR SHALL IMMEDIATELY REMOVE SOIL OR DEBRIS SPILLED ONTO STREET PAVEMENT, GRASS, SIDEWALK OR ADJACENT PROPERTIES.

PLANT SHRUBS VERTICALLY. ORIENT PLANTS TO GIVE BEST APPEARANCE IN RELATION TO STRUCTURES, ROADS AND SIDEWALKS. PLACE NURSERY STOCK TO DEPTH EQUAL TO DEPTH THEY WERE ORIGINALLY GROWING IN NURSERY. WITH BALLED AND BURLAPPED ROOT BALLS AND ROOT BALLS IN WIRE BASKETS, LOOSEN BURLAP AND CUT AWAY THE TOP 1/3 WITHOUT DISTURBING ROOT BALL. DO NOT PULL BURLAP OR ROPE FROM UNDER ROOT BALL. NON-BIODEGRADABLE WRAPPING MUST BE REMOVED. TAMP PLANTING SOIL AROUND ROOT SYSTEM IN LAYERS OF 140 MM ELIMINATING AIR VOIDS. FROZEN OR SATURATED PLANTING SOIL IS UNACCEPTABLE. WHEN 2/3 OF PLANTING SOIL HAS BEEN PLACED, FILL HOLE WITH WATER. AFTER WATER HAS COMPLETELY PENETRATED INTO SOIL, COMPLETE BACKFILLING.

WATER

WATER IS TO BE POTABLE AND FREE OF MINERALS, WHICH MAY BE DETRIMENTAL TO PLANT GROWTH.

FERTILIZER

FERTILIZER IS TO BE A SLOW RELEASE FORMULATION OF LOW NITROGEN AND HIGH PHOSPHORUS E.G. 10-50-12. APPLY QUANTITIES AT RATES STATED BY PRODUCT MANUFACTURER.

MAINTENANCE PERIOD

SUBSTANTIAL PERFORMANCE SHALL BE ACHIEVED ONCE ALL MATERIALS ARE IN PLACE. THE CONTRACTOR SHALL MAINTAIN THE PLANT MATERIAL FOR ONE (1) YEAR AFTER THE COMPLETION OF THE INSTALLATION.

WATER PLANTINGS SUFFICIENTLY AND REGULARLY TO MAINTAIN OPTIMUM GROWTH AND HEALTH OF PLANTS WITHOUT CAUSING EROSION. FOR EVERGREEN PLANT MATERIAL, WATER THOROUGHLY IN LATE FALL PRIOR TO FREEZE-UP TO SATURATE SOIL AND AROUND ROOT SYSTEM.

REMOVE WEEDS USING CONTROL METHODS ACCEPTABLE TO CONTRACT ADMINISTRATOR.

REPLACE OR RE-SPREAD DAMAGED, MISSING OR DISTURBED STONE MULCH. MAINTAIN PROPER STONE MULCH DEPTHS.

ACCEPTANCE

TOTAL PERFORMANCE SHALL BE GRANTED AT THE END OF THE MAINTENANCE PERIOD.

WARRANTY PERIOD

THE WARRANTY/MAINTENANCE PERIOD OF ONE (1) YEAR SHALL COMMENCE AT TOTAL PERFORMANCE. PLANT MATERIAL SHALL BE REPLACED AS INSTRUCTED BY THE CONTRACT ADMINISTRATOR. ALL MATERIAL THAT IS REPLACED DURING THE MAINTENANCE PERIOD SHALL BE OF THE SAME SIZE, GALIPER AND SPECIES AS THE ORIGINAL PLANT MATERIAL UNLESS OTHERWISE AGREED TO, IN WRITING, BY THE CONTRACT ADMINISTRATOR. PLANT MATERIAL THAT IS REPLACED WILL RECEIVE AN ADDITIONAL ONE (1) YEAR WARRANTY/MAINTENANCE, WHICH WILL COMMENCE ON THE DATE OF REPLACEMENT.

SEASONAL WEATHER

DUE TO SEASONAL WEATHER, INSTALLATION SHALL BE DONE DURING PERIODS OF SUITABLE WEATHER CONDITIONS AND IN ACCORDANCE WITH LOCALLY ACCEPTED PRACTICES.

ISSUED FOR CONSTRUCTION MMK 2015.03.26

No.	REVISION/DESCRIPTION	BY	DATE
SEAL			



DRAWN	CHECKED	DESIGNED	APPROVED
MMK			
DATE: 2015.02.09	USER	APPROVAL	

THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND
 DEVELOPMENT DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 3-65 GARRY STREET, R3C 4K4

PROJECT
WINNIPEG FIRE PARAMEDIC SERVICES
 ADDITIONAL APPARATUS ROOM BAYS

603 REDWOOD AVENUE

SHEET TITLE

LANDSCAPING SPECIFICATIONS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-171-02	L3