

ADDRESS: 1360 PEMBINA HIGHWAY PROJECT No: 2011-096 SHEET TITLE: LANDSCAPING SPECIFICATIONS DATE: 2012.07.24 FILE NAME: 2011096\0.dwg\1.2

NOTES:

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 PLAN 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.

STONE MULCH - 75 mm UNIFORM GRANITE DARK GREY COLOUR.

LANDSCAPE FABRIC: 'WEEDPRO' OR APPROVED EQUAL IN ACCORDANCE WITH B6.

EDGING: 'BLACK DIAMOND EDGING' OR APPROVED EQUAL IN ACCORDANCE WITH B6.

PAVER STONE: WHERE APPLICABLE TO BE TWO TIERED STAGGERED, STACKING PRE-CAST CONCRETE IN GREY TONE COLOUR, EACH STONE TO BE APPROX. 6" HIGH x 8" WIDE x 8" DEEP.

SOD

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

INSTALLATION

THE CONTRACTOR SHALL NOT INSTALL STONE MULCH UNTIL THE FINISHED GRADE IS INSPECTED AND APPROVED BY THE CONTRACT ADMINISTRATOR.

LANDSCAPE FABRIC SHALL COVER ALL AREAS TO RECEIVE STONE BARK MULCH AND BE COMPLETELY COVERED BY THE MULCH. 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 MEETS TURF OR PLANTING BEDS AND PAVER STONE IS NOT SPECIFIED, BLACK DIAMOND EDGING IS TO BE INSTALLED AS PER MANUFACTURER'S INSTRUCTION.

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

STONE FACADE PIECES SHALL BE INSTALLED IN LOCATION SHOWN ON THE LANDSCAPE PLAN AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR ON SITE @ TIME OF INSTALLATION. THEY SHALL BE ARRANGED TO THE SPECIFICATION & DIRECTION OF THE CONTRACT ADMINISTRATOR.

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 OR SIDEWALK.

INSTALLATION SHALL BE DONE DURING PERIODS OF SUITABLE WEATHER CONDITIONS AND IN ACCORDANCE WITH LOCALLY ACCEPTED PRACTICE.

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.

MULCH

STONE MULCH IS TO BE INSTALLED TO 100 mm DEPTH OVER LANDSCAPE FABRIC IN LOCATIONS SHOWN ON THE LANDSCAPE PLAN.

WOOD CHIP MULCH IS TO BE INSTALLED TO 75 mm DEPTH IN SHRUB BEDS AS INDICATED ON THE LANDSCAPE PLAN.

ENSURE SOIL SETTLEMENT HAS BEEN CORRECTED PRIOR TO MULCHING.

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 PANT HARDINESS ZONES 1 AND 4 OR GREATER WILL BE REJECTED.

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.

MULCH

STONE MULCH: 150 - 300 mm IN DIAMETER, GREY STONE IN COLOUR.

WOOD CHIP MULCH: LOCAL SHREDDED WOOD CHIP MULCH.

SAMPLES MUST BE SUPPLIED FOR APPROVAL PRIOR TO INSTALLATION. NO DEBRIS PERMITTED.

LANDSCAPE FABRIC SHALL BE COMPLETELY COVERED BY THE MULCH AND THE ENDS SHALL BE BURIED SO THAT FABRIC DOES NOT LIFT UP.

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 MULCH. MAINTAIN PROPER 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, CALIPER 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.


ARCHITECTURAL STONE SHARD PIECES

A NUMBER OF PIECES (APPROX. 11 TO 13 PIECES @ +/- 2'-0" SQUARE) ARE LOCATED ON SITE & ARE TO BE MOVED TO NEW LOCATION VIA HAND OR MACHINE. CAUTION IS TO BE TAKEN NOT TO DAMAGE ANY EXPOSED DETAILING DURING TRANSPORTATION. ARRANGEMENTS OF SHARDS ARE TO BE PLACED AT LOCATION AS SUPERVISED BY CONTRACT ADMINISTRATOR AT TIME OF INSTALLATION. SOME ANCHORING OF SHARDS WITH REBAR & /OR CONCRETE MAY BE REQUIRED TO STABILIZE SHARDS TO GROUND OR BELOW GRADE FROM MOVING OR FROM BEING REMOVED FROM SITE. SOME PIECES MAY ALSO NEED TO BE RECESSED BELOW GRADE AS SUPERVISED.

ORIGINAL STAMPED BY: R.K. FOK LI Arch.
DATE: 2012.08.24

No.	REVISION/DESCRIPTION	BY	DATE
SEAL			

DRAWN	MWK	CHECKED	DESIGNED	APPROVED
DATE	2012.07.24	USER	APPROVAL	

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

PROJECT
FORT GARRY LIBRARY
INTERIOR & EXTERIOR REFURBISHING
DESIGN
1360 PEMBINA HIGHWAY

SHEET TITLE

LANDSCAPING SPECIFICATIONS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2011-096	L2

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1