

WINNIPEG NORTH GARAGE REPLACEMENT

AECOM Canada ULC. 50 Sportsworld Crossing Rd. Suite 290, West Entrance, Kitchener, Ontario

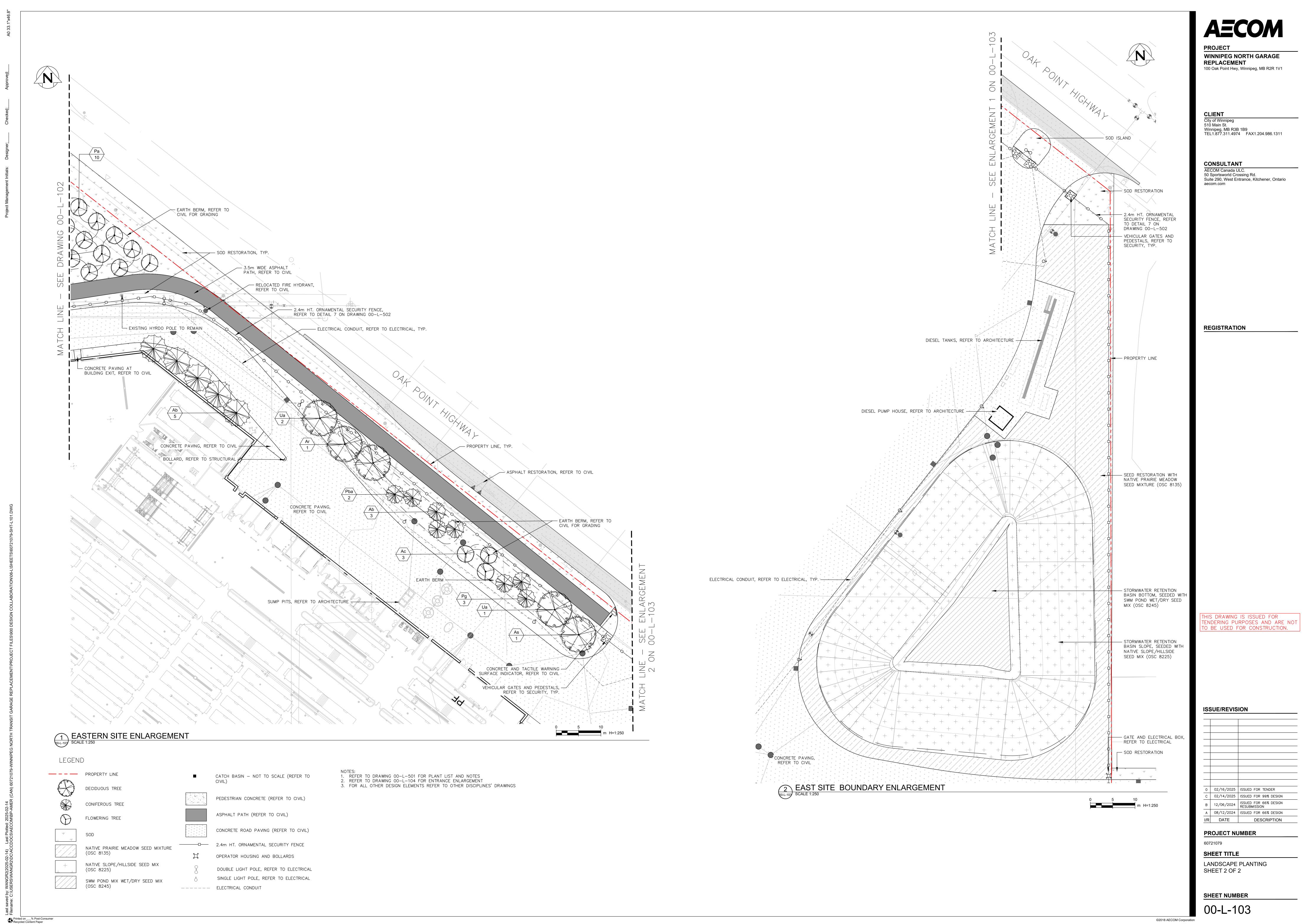
HIS DRAWING IS ISSUED FOR TENDERING PURPOSES AND ARE NOT TO BE USED FOR CONSTRUCTION.

02/14/2025 ISSUED FOR 99% DESIGN

B 12/06/2024 ISSUED FOR 66% DESIGN RESUBMISSION A 08/12/2024 ISSUED FOR 66% DESIGN DESCRIPTION

PROJECT NUMBER

LANDSCAPE PLANTING



3. DRAWINGS MAY BE SCALED FOR APPROPRIATE LAYOUT ONLY. ALL MEASUREMENTS IN METRIC. ALL LAYOUT, INCLUDING PLANTING, TO BE STAKED BY THE CONTRACTOR AND APPROVED BY THE 4. THE CONTRACTOR IS TO TAKE NECESSARY PRECAUTION TO PROTECT ALL EXISTING SITE FEATURES

UNLESS SPECIFIED FOR DEMOLITION. THIS INCLUDES ALL SURVEY BARS, STAKES AND MONUMENTS. 5. UPON COMPLETION OF WORK EACH DAY, REMOVE ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS

FROM THE SITE. KEEP THE SITE CLEAN AND USABLE AT ALL TIMES. 6. ALL DECIDUOUS AND CONIFEROUS TREES SHALL HAVE A WARRANTY FOR TWO FULL YEARS FOLLOWING FINAL ACCEPTANCE OF THE PROJECT. ALL WORKMANSHIP TO THE STANDARDS OF

PROVINCIAL AND MUNICIPAL LANDSCAPE CONSTRUCTION REGULATIONS. 7. AT THE TIME OF FINAL INSPECTION, ALL PLANTS SHALL BE IN A HEALTHY, VIGOROUS GROWING CONDITION, PLANTED IN FULL ACCORDANCE WITH DRAWINGS AND CONDITIONS. 8. ANY CHANGES TO THIS ACCEPTED PLAN MUST BE REVIEWED AND APPROVED BY THE CONTRACT

MANITOBA NURSERY LANDSCAPE ASSOCIATION (MNLA) AND COMPLY WITH ALL APPLICABLE

ADMINISTRATOR. 9. ALL AREAS DISTURBED DURING REMOVAL OF SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE SODDED OR SEEDED BASED ON LOCATION, SEE LANDSCAPE PLANS.

PLANTING NOTES

1. PLANT MATERIALS SPECIFIED FOR THIS PROJECT WILL CONFORM TO THE CANADIAN NURSERY LANDSCAPE ASSOCIATION (CNLA) FOR SIZE, VARIETY AND CONDITION AS INDICATED ON THE PLANT LIST SHOWN ON THIS SHEET. ANY PLANT MATERIALS WHICH DO NOT CONFORM WILL BE PROMPTLY

REMOVED FROM THE SITE AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST. 2. THE CONTRACT ADMINISTRATOR IS TO BE CONTACTED FOR INSPECTION AND WRITTEN APPROVAL PRIOR TO ANY PLANT MATERIAL INSTALLATION. THE CONTRACT ADMINISTRATOR RESERVES THE RIGHT TO REJECT ANY PLANT MATERIALS THAT HAVE NOT BEEN INSPECTED AND APPROVED.

3. ANY PLANT MATERIAL THAT IS REJECTED BY THE CONTRACT ADMINISTRATOR WILL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF ACCEPTABLE QUALITY AT NO ADDITIONAL COST TO THE PROJECT.

4. ONLY REMOVE DEAD OR DAMAGED BRANCHES ON TREES AND SHRUBS. ALL PRUNING SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES AND APPROPRIATE

TIMING FOR EACH SPECIES. 5. PLANTING LAYOUT TO BE DETERMINED ON SITE AT DIRECTION OF THE CONTRACT ADMINISTRATOR. FIELD ADJUSTMENTS TO GENERAL PLANT LOCATIONS INDICATED ON THE PLAN MAY BE NECESSARY TO RESPOND TO SITE CONDITIONS.

THE CONTRACT ADMINISTRATOR FOR DIRECTION. 7. ANY SUBSTITUTIONS OF PLANT MATERIALS REQUIRE THE PRIOR WRITTEN PERMISSION OF THE CONTRACT ADMINISTRATOR.

6. ANY DISCREPANCIES BETWEEN QUANTITIES SHOWN AND THE PLANT LIST SHALL BE REPORTED TO

8. TREES AND SHRUBS ARE TO BE PLANTED AND STAKED IN ACCORDANCE WITH TYPICAL PLANTING DETAILS. CONTRACTOR TO REMOVE ALL STAKES AND TIES FROM THE SITE AT THE END OF THE

PLANTS ARE NOT TO BE INSTALLED OR TRANSPLANTED DURING EXTREME HEAT, DROUGHT, OR OTHER UNDESIRABLE CONDITIONS. THE CONTRACTOR IS NOT TO PROCEED IN UNCERTAINTY. CONTACT CONTRACT ADMINISTRATOR FOR DIRECTION.

10. DO NOT PLANT IN DRAINAGE SWALES UNLESS DIRECTED. WHERE PROPOSED PLANTING LOCATIONS CONFLICT WITH CONSTRUCTED SWALES, CONTACT CONTRACT ADMINISTRATOR FOR DIRECTION. 11. ALL PLANT MATERIALS WILL BE PLANTED IN SOIL NATIVE TO THE SITE. IF ADDITIONAL TOPSOIL IS NECESSARY FOR COMPLIANCE WITH THESE SPECIFICATIONS, IT MUST BE APPROVED BY THE CONTRACT ADMINISTRATOR PRIOR TO APPLICATION.

12. ALL TOPSOIL IS TO BE STOCKPILED SEPARATELY FROM SUBSOIL DURING THE EXCAVATION PERIOD. 13. ALL SUBSOIL COMPACTED DURING CONSTRUCTION ACTIVITIES IS TO BE SCARIFIED TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR PRIOR TO PLACEMENT OF TOPSOIL

14. SHREDDED PINE BARK MULCH SHALL BE SPREAD UNIFORMLY AROUND BASE OF TREES AND SHRUBS TO A DEPTH OF 100mm AND A RADIUS OF 100mm FROM TRUNK(S). DO NOT PLACE MULCH IN DIRECT CONTACT WITH TRUNKS. 15. SHRUBS TO BE PLANTED IN A CONTINUOUS PLANTING BED WITH CONTINUOUS MULCH UNLESS

NOTED OTHERWISE. 16. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ARRANGEMENTS FOR PLANT MATERIAL TO BE MAINTAINED IN A HEALTHY STATE FOR THE DURATION OF THE WARRANTY PERIOD AND FOR ALL MAINTENANCE AND REPLACEMENT OF DEAD PLANT MATERIALS DURING THE WARRANTY PERIOD UNTIL ACCEPTABLE BY THE CONTRACT ADMINISTRATOR AND THE CITY OF WINNIPEG.

17. ALL AREAS OF DISTURBED SOIL MUST BE STABILIZED WITH EROSION CONTROL MEASURES AND/OR SEEDED WITH NATIVE GROUNDCOVER SEED MIX IMMEDIATELY UPON COMPLETION OF WORK UNLESS OTHERWISE NOTED. PLEASE PROVIDE EROSION CONTROL MATTING/BLANKETS WITH FULLY BIODEGRADABLE, WOVEN NETTING TO BE USED TO PREVENT WILDLIFE ENTRAPMENT.

18. THE CONTRACTOR IS TO REVIEW WITH CONTRACT ADMINISTRATOR ANY MAINTENANCE REQUIREMENTS NECESSARY FOR WARRANTY PURPOSES.

19. THE CITY OF WINNIPEG RESERVES THE RIGHT TO EXTEND THE CONTRACTOR'S WARRANTY RESPONSIBILITIES FOR AN ADDITIONAL YEAR IF, AT THE END OF THE INITIAL WARRANTY PERIOD LEAF DEVELOPMENT AND GROWTH IS NOT SUFFICIENT TO ENSURE FUTURE SURVIVAL AS DETERMINED BY CONTRACT ADMINISTRATOR.

20. A MINIMUM OF TWO YEARS OF MONITORING FOR TREE ESTABLISHMENT IS REQUESTED. ALL DEAD AND DYING TREES WOULD NEED TO BE REPLACED AT THE END OF THE TWO-YEAR MONITORING. 21. LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING PLANTING OPERATIONS

22. ALL PLANTS SHALL BE INSTALLED AS PER CONTRACT SPECIFICATIONS AND CITY OF WINNIPEG STANDARD DETAILS

SEEDING NOTES

1. THE CONTRACTOR IS TO ENSURE COVERAGE AND SEED MIX GERMINATION. 2. SEED APPLICATION TO BE APPLIED IN A CONSISTENT AND THOROUGH FASHION COVERING ENTIRE

. SEED SLOPES OF 3:1 OR GREATER TO BE APPLIED IN COMBINATION WITH FLEXTERRA HIGH PERFORMANCE-FLEXIBLE GROWTH MEDIUM (HP-FGM) OR APPROVED EQUIVALENT.

4. SEED MIX AND RATES AS NOTED ON THIS SHEET. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS FOR SEED METHOD(S).

SEEDED AREAS WILL BE ACCEPTED PROVIDED THAT SEED IS PROPERLY ESTABLISHED AT 30, 60, AND 90-DAY PERIODS FOLLOWING SEED AND COVER INSTALLATION. SEED WILL BE INSPECTED BY THE CONTRACT ADMINISTRATOR AND/OR THE LANDSCAPE ARCHITECT USING THE SEEDING AND COVER QUALITY ASSURANCE VISUAL INSPECTION FIELD GUIDE TO ENSURE COMPLIANCE.

CONTRACT ADMINISTRATOR TO BE CONTACTED PRIOR TO SEEDING TO COORDINATE OPERATIONS IN ORDER TO ENSURE FINAL ACCEPTANCE.

ALL SEEDING OF DISTURBED AREAS MUST OCCUR IMMEDIATELY UPON COMPLETION OF THE GRADING WORK, WEATHER PERMITTING. SEEDING OPERATIONS SHOULD TAKE PLACE BETWEEN APRIL 15 AND JUNE 15 OR BETWEEN AUGUST 15 AND OCTOBER 30 AT THE LATEST, PROVIDING THE GROUND IS IN A FROST-FREE CONDITION. IN THE EVENT THAT IMMEDIATE COMPLETION OF SEEDING IS NOT FEASIBLE OTHER EROSION CONTROL METHODS WILL BE REQUIRED. DISCUSS WITH THE

CONTRACT ADMINISTRATOR PRIOR TO PROCEEDING. HYDROSEED AFTER PLANTING IS COMPLETE. DO NOT APPLY HYDROSEED FROM A DISTANCE. BRING HOSE AND NOZZLE TO PLANTING AREA TO APPLY HYDROSEED DIRECTLY TO TOPSOIL AROUND PLANT MATERIAL. DO NOT DAMAGE PLANT MATERIAL WITH HOSE. HYDROSEED ALL EXPOSED

ALL AREAS ON SLOPE DISTURBED DURING REMOVAL OF SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE SEEDED WITH HYDROSEED APPLICATION OF THE SPECIFIED SEED MIX.

0. ALL TOPSOIL COMPACTED ON SLOPE DURING CONSTRUCTION ACTIVITIES IS TO BE SCARIFIED TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR PRIOR TO SEED APPLICATION. IF DISTURBED AREA ON SLOPE EXTENDS BEYOND CONSTRUCTION LIMIT, APPLY 50mm THICK TOPSOIL AND SEED.

SODDING NOTES

1. THE CONTRACTOR IS TO ENSURE COVERAGE AND SOD GROWTH. 2. SOD APPLICATION TO BE INSTALLED IN A CONSISTENT AND THOROUGH FASHION COVERING ENTIRE

AREA AS SHOWN. SOD ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY.

4. TOPSOIL IN SODDED AREAS TO BE 150mm MINIMUM.

5. SOD WITH TURF GRASS NURSERY SOD TYPES: 5.1. NUMBER ONE KENTUCKY BLUEGRASS SOD AND/OR FESCUE SOD 5.2. NURSERY SOD GROWN SOLELY FROM SEED MIXTURE OF CULTIVARS OF KENTUCKY BLUEGRASS AND/OR CHEWING FESCUE OR CREEPING RED FESCUE, CONTAINING NOT LESS THAN 40% KENTUCKY BLUEGRASS CULTIVARS AND 30% CHEWING FESCUE OR CREEPING RED FESCUE

CONTRACT ADMINISTRATOR TO BE CONTACTED PRIOR TO SODDING TO COORDINATE OPERATIONS IN ORDER TO ENSURE FINAL ACCEPTANCE OF FINE GRADED SURFACES.

ALL SODDING OF DISTURBED AREAS MUST OCCUR IMMEDIATELY UPON COMPLETION OF THE GRADING WORK, WEATHER PERMITTING. SODDING OPERATIONS SHOULD TAKE PLACE BETWEEN APRIL 15 AND JUNE 15 OR BETWEEN AUGUST 15 AND OCTOBER 30 AT THE LATEST, PROVIDING THE GROUND IS IN A FROST-FREE CONDITION. IN THE EVEN THAT IMMEDIATE COMPLETION OF THE SODDING IS NOT FEASIBLE OTHER EROSION CONTROL METHODS WILL BE REQUIRED. DISCUSS WITH CONTRACT ADMINISTRATOR PRIOR TO PROCEEDING.

8. ALL TOPSOIL COMPACTED DURING CONSTRUCTION ACTIVITIES IS TO BE SCARIFIED TO THE

SATISFACTION OF THE CONTRACT ADMINISTRATOR PRIOR TO SOD APPLICATION. IS DISTURBED AREA IN THE RIGHT OF WAY EXTENDS BEYOND CONSTRUCTION LIMIT, APPLY 150mm THICK TOPSOIL AND SOD.

Native Prairie Meadow Seed Mix (OSC #8135)			
LATIN NAME	COMMON NAME		% OF MIX
Rudbeckia hirta	Black Eyed Susan		7
Solidago juncea	Early Goldenrod		1
Poa palustris	Fowl Bluegrass/Fowl Meadowgrass		25
Penstemon digitalis	Foxglove/Beardtongue		2
Sorghastrum nutans	Indiangrass		20
Schizachyrium scoparium	Little Blue Stem		15
Aster novae-anglaie	New England Aster		1
Desmodium canadense	Showy Tick Trefoil		1
Panicum virgatum	Switchgrass		25
Verbena urticifolia	White Vervain		1
Monarda fistulosa	Wild Bergamot		2
	Т	Total	100
Application: Hydroseed at a rate of 25kh/ha			
Nurse Crop: Apply Nurse Crop at a rate of 25-30kg/ha.			

LATIN NAME	COMMON NAME	% OF MIX
Agrostis solonifera	Creeping Bentgrass	20
Rudbeckia hirta	Black Eyed Susan	10
Poa compressa	Canada Bluegrass	30
Aster novae-anglaie	New England Aster	3
Avena sativa	Oats	30
Monarda fistulosa	Wild Bergamot	2
Elymus hystrix	Bottle Brush Grass	5
	Total	100

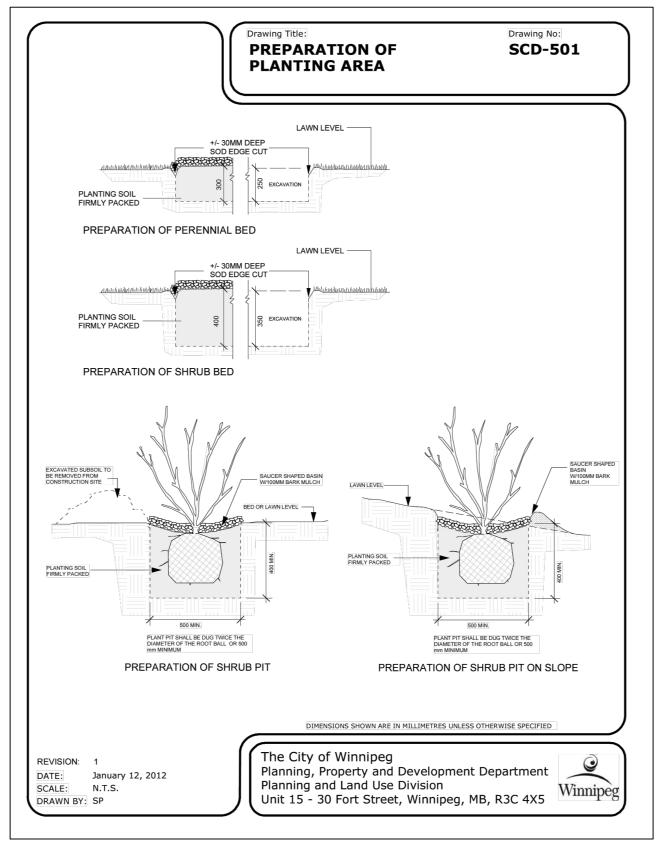
Nurse Crop: Apply Nurse Crop at a rate of 25-30kg/ha.

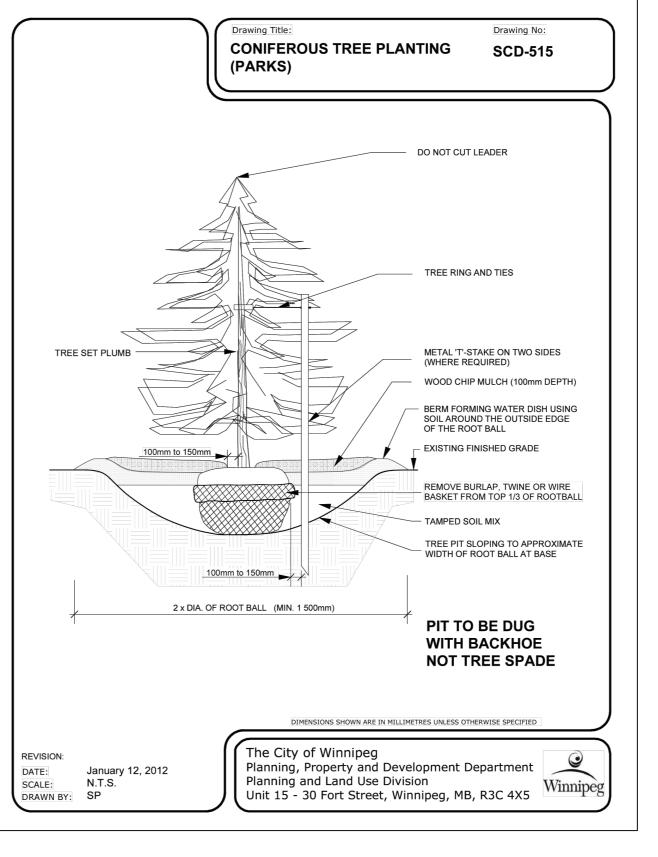
LATIN NAME	COMMON NAME	% OF MIX
Rudbeckia hirta	Black Eyed Susan	2
Eupatorium maculatum	Spotted Joe Pye Weed	1
Aster novae-anglaie	New England Aster	2
Andropogon gerardii	Big Bluestem	25
Carex vulpinoidea	Fox Sedge	25
Elymus hystrix	Bottle Brush Grass	5
Panicum virgatum	Switchgrass	20
Elymus canadensis	Canada Wild Rye	20
	Total	100

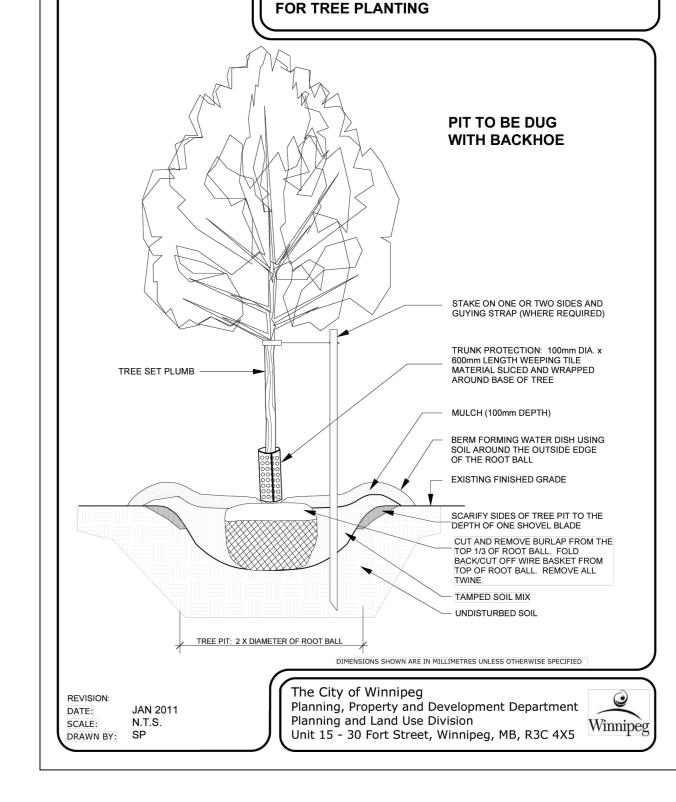
LATIN NAME	COMMON NAME	% OF MIX
Rudbeckia hirta	Black Eyed Susan	3
Elymus canadensis	Canada Wild Rye	20
Carex vulpinoidea	Fox Sedge	17
Sorghastrum nutans	Indiangrass	15
Aster novae-anglaie	New England Aster	3
Eupatorium maculatum	Spotted Joe Pye Weed	1
Panicum virgatum	Switchgrass	20
Elymus virginicus	Virginia Wild Rye	20
Monarda fistulosa	Wild Bergamot	1
	Total	100

NURSE CROP: Annual Oats (Avena sativa) or Canada Wild Rye (Elymus canadensis)

PLAN	Γ LIST									
DECID	JOUS TREES									
KEY	00-L-102	00-L-103	TOTAL QTY.	LATIN NAME	COMMON NAME	SIZE	HEIGHT	ROOT	SPACING	REMARKS
Ac	1	3	4	Amelanchier canadensis	Serviceberry	50mm cal.		W.B.	AS SHOWN	Multi-stem
Ar	1	1	2	Acer rubrum	Red Maple	50mm cal.		W.B.	AS SHOWN	
As	5	1	6	Acer saccharinum	Silver Maple	50mm cal.		W.B.	AS SHOWN	
Вр	7		7	Betula papyrifera	White Birch	50mm cal.		W.B.	AS SHOWN	
Ms	8		8	Malus sargentii 'Rosa'	Pink Sargent Crabapple	45mm cal.		W.B.	AS SHOWN	Treeform
Pb	6		6	Populus balsamifera	Balsam Poplar	50mm cal.		W.B.	AS SHOWN	
Pa	38	10	48	Prunus americana	American Plum	45mm cal.		W.B.	AS SHOWN	
Qm	6		6	Quercus macrocarpa	Burr Oak	50mm cal.		W.B.	AS SHOWN	
Та	4		4	Tilia americana	Basswood	50mm cal.		W.B.	AS SHOWN	
Ua	2	3	5	Ulmus americana	White Elm	50mm cal.		W.B.	AS SHOWN	
	ROUS TREES		1			T				
Ab	18	8	26	Abies balsamea	Balsam Fir		200cm ht.	W.B.	AS SHOWN	
Pg	5	3	8	Picea glauca	White Spruce		200cm ht.	W.B.	AS SHOWN	
Pba	9	2	11	Pinus banksiana	Jack Pine		200cm ht.	W.B.	AS SHOWN	
Ps	6		6	Pinus strobus	Eastern White Pine		200cm ht.	W.B.	AS SHOWN	
SHRU	BS, PERENNIA	LS & GRASSE	S				· · · · · · · · · · · · · · · · · · ·		T T	
ерр	496		496	Echinacea pallida	Pale Purple Coneflower	1 gal.		Potted	0.5m O.C.	
ер	308		308	Echinacea purpurea	Purple Coneflower	1 gal.		Potted	0.6m O.C.	
eps	322		322	Echinacea purpurea 'Prairie Splendor'	Prairie Splendor Coneflower	1 gal.		Potted	0.6m O.C.	
gr	123		123	Geranium x 'Rozanne'	Rozanne Hardy Geranium	1 gal.		Potted	0.5m O.C.	
hh	432		432	Hemerocallis 'Happy Returns'	Happy Returns Daylily	1 gal.		Potted	0.5m O.C.	
hr	280		280	Hemerocallis 'Ruby Stella'	Ruby Stella Daylily	1 gal.		Potted	0.6m O.C.	
hpr	90		90	Hypericum prolificum	Shrubby St. John's Wort	1 gal.		Potted	1.0m O.C.	
ра	40		40	Perovskia atriplicifolia	Russian Sage	1 gal.		Potted	0.8m O.C.	
ra	28		28	Rhus aromatica 'Gro-Low'	Fragrant Sumac	1 gal.		Potted	2.0m O.C.	
rf	26		26	Rudbeckia fulgida 'American Gold Rush'	American Gold Rush Black Eyed Susan	1 gal.		Potted	0.5m O.C.	
	124		124	Sedum x 'Abbeydore'	Autumn Stonecrop	1 gal.		Potted	0.5m O.C.	





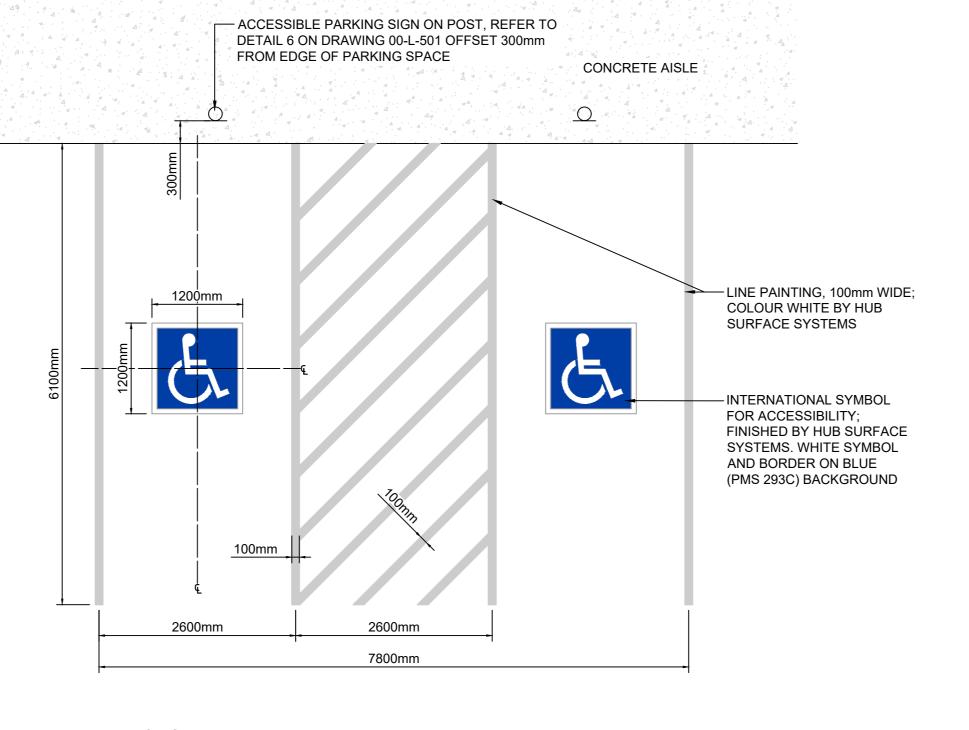


STANDARD DETAIL

SCD-517

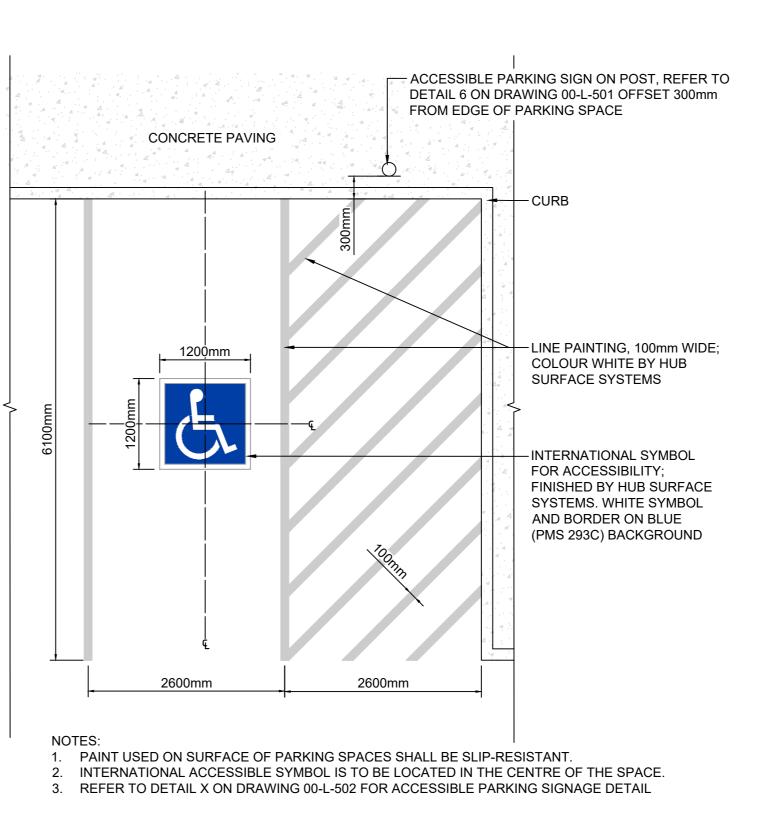
3 DECIDUOUS TREE PLANTING
N.T.S.

PLANTING AREA PREPARATION / SHRUB PLANTING Online On

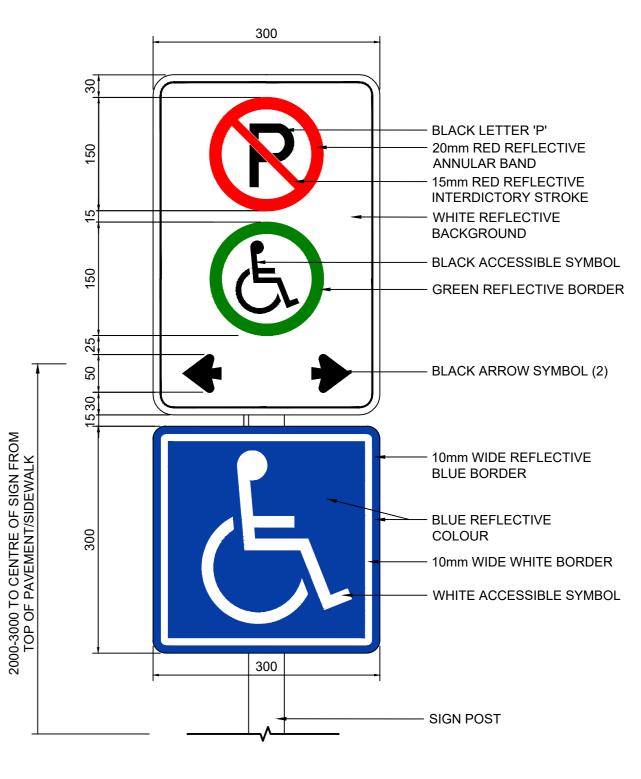


1. PAINT USED ON SURFACE OF PARKING SPACES SHALL BE SLIP-RESISTANT. INTERNATIONAL ACCESSIBLE SYMBOL IS TO BE LOCATED IN THE CENTRE OF THE SPACE. 3. REFER TO DETAIL X ON DRAWING 00-L-502 FOR ACCESSIBLE PARKING SIGNAGE DETAIL

4 ACCESSIBLE PARKING SPOT - EMPLOYEE PARKING



5 ACCESSIBLE PARKING SPOT - VISITOR PARKING
SCALE 1:50



NOTE: MIDDLE OF SIGN REFERS TO THE MIDDLE OF THE TOTAL SIGN COMPONENT, MEASURING FROM THE TOP OF THE TOP SIGN TO THE BOTTOM OF THE BOTTOM SIGN.

6 ACCESSIBLE PARKING SIGNAGE

SHEET NUMBER

02/16/2025 ISSUED FOR TENDER

B | 12/06/2024 | 1350ED 1 51X 557 RESUBMISSION

PROJECT NUMBER

60721079

SHEET TITLE

AND DETAILS

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LANDSCAPE NOTES, PLANT LIST

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Recycled Content Paper

00-L-501

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PROJECT

CLIENT

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Winnipea. MB R3B 1B9

CONSULTANT

AECOM Canada ULC. 50 Sportsworld Crossing Rd.

REGISTRATION

aecom.com

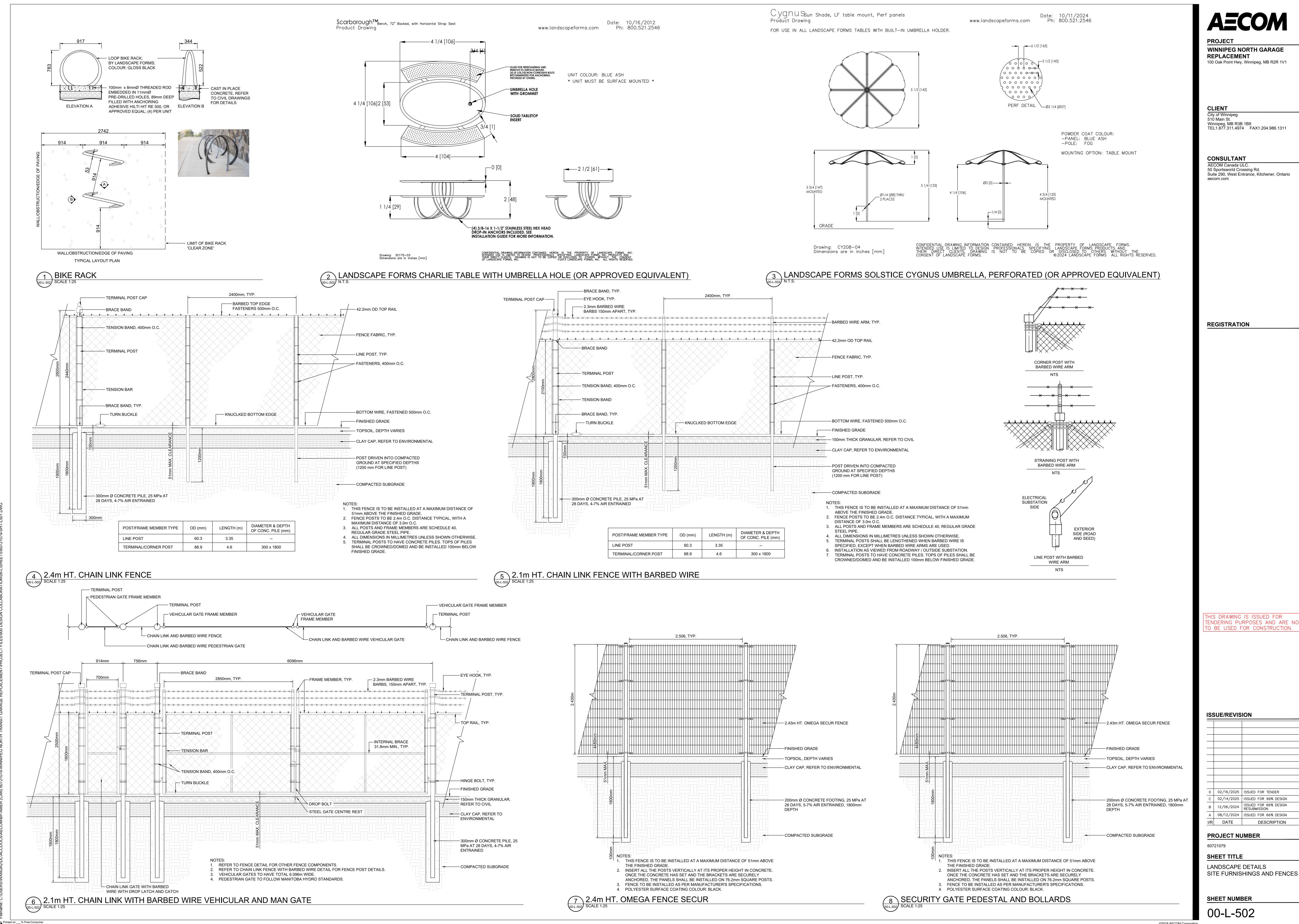
REPLACEMENT

WINNIPEG NORTH GARAGE

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