RICHARD ST. BARBE BAKER AFFORESTATION AREA

SHEET INDEX

L-00 COVER SHEET

L-01 SITE PLAN

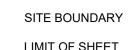
L-02 DETAILS

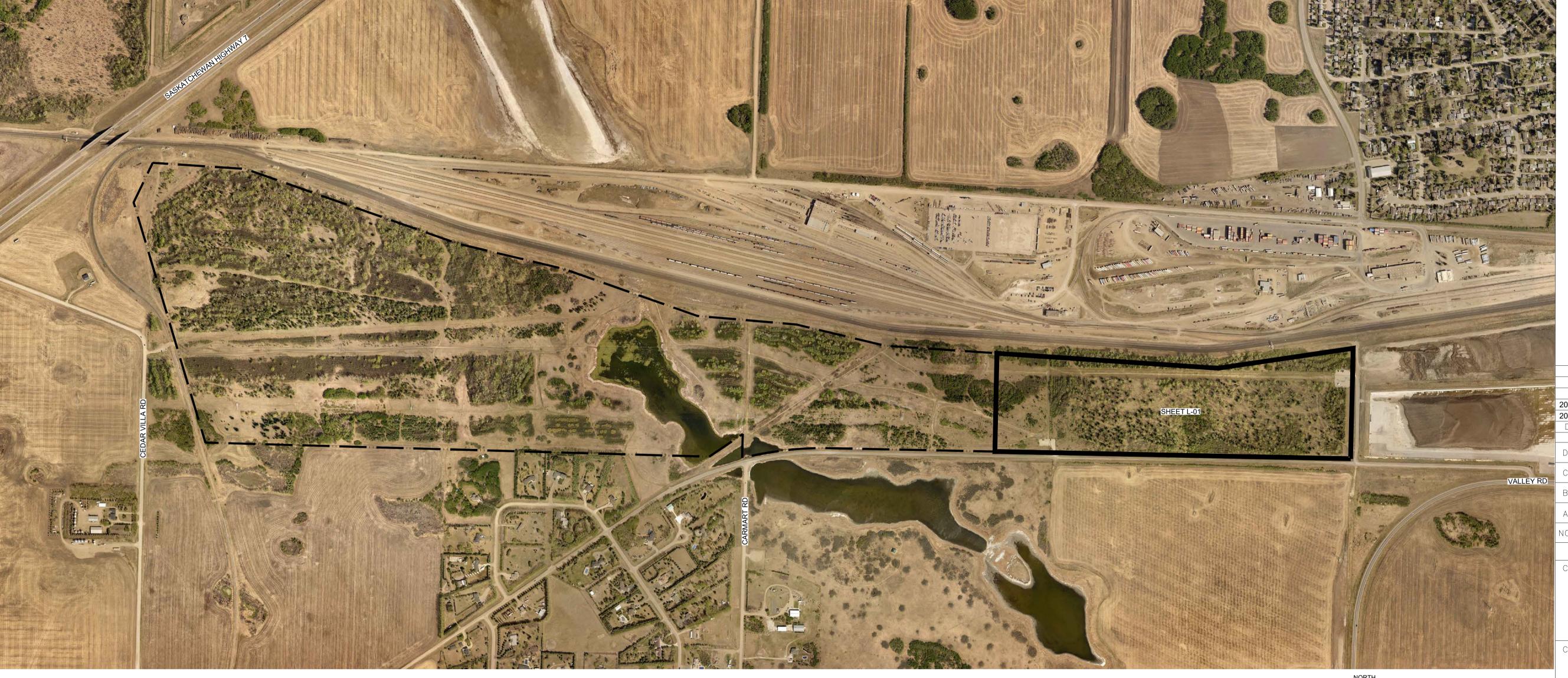
L-03 NOTESL-04 NOTES

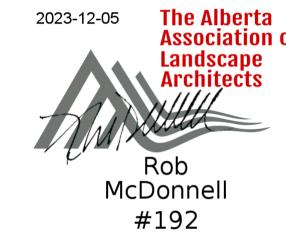
RSBBAA Site Enhancement Project - Detailed Design

Appendix 1









				FOR CONSTRUCTION					
=				FOR TENDER					
	2023	2023-12-05		FOR APPROVAL		RM			
	2023	3-11-17		PRELIMINARY		RM			
	DA	ATE .		DESCRIPTION					
W.				ISSUE DATES					
	D								
EY RD	С								
	В	2023-12	2-05	100% APPROVAL		RM			
	А	2023-1	1-17	CLIENT REVIEW		RM			
	NO.	DATE		DESCRIPTION		BY			
	REVISIONS								

CONSULTANT:



CLIENT:



PROJECT TITLE:

RICHARD ST. BARBE BAKER AFFORESTATION AREA

SASKATOON, SASKATCHEWAN

DRAWING TITLE:

COVER SHEET

VERSION NO.:

L-00

DRAWING NO .:



The Alberta Association of Landscape McDonnell #192

LEGEND:

SITE BOUNDARY

UTILITIES ROW

EXISTING TRAIL

EXISTING FENCE

EXISTING BENCH

EXISTING SIGN

EXISTING BIRD FEEDER

EXISTING BIRD HOUSE

EXISTING WASTE RECEPTACLE

EXISTING CONTOUR (0.5M INTERVAL)

			FOR CONSTRUCTION	
			FOR TENDER	
2023	3-12-05		FOR APPROVAL	RM
2023	3-11-17		PRELIMINARY	RM
DA	ATE .		DESCRIPTION	BY
			ISSUE DATES	
D				
С				
В	2023-12-05		100% APPROVAL	RM
А	2023-1	1-17	CLIENT REVIEW	RM
NO.	DATE	-	DESCRIPTION	BY
			REVISIONS	<u> </u>
	NICLII TA	CNIT.		

CONSULTANT:



CLIENT:



PROJECT TITLE:

RICHARD ST. BARBE BAKER AFFORESTATION AREA

SASKATOON, SASKATCHEWAN

DRAWING TITLE:

SITE PLAN

VERSION NO .:

DETAIL

5/L-02

6/L-02

2,840.0 m² 4/L-02

616.0 lm 3/L-02

2 ea

1 ea

2 ea

L-01 SCALE: 1:500

NOTES

1. SEE L-03 FOR NOTES.

REGISTERED LAND SURVEYOR.

SITE AND MATERIALS SCHEDULE

DESCRIPTION

WASTE RECEPTACLE

CRUSHER DUST TRAIL (3.0M WIDE)

RELOCATED JERSEY BARRIER

TEMPORARY PLANT PROTECTION FENCING

2. LOCATION OF SITE FURNITURE AND TRAIL IS INTENDED TO SHOW DESIGN INTENT ONLY. FINAL PLACEMENT TO BE DETERMINED ON SITE UNDER THE DIRECTION OF

3. LOCATION OF EASEMENTS ARE APPROXIMATE ONLY. TO BE VERIFIED ON SITE BY A

					Area A	Area B	Area C	Area D	Area E
Botanical Name	Common Name	Pot Size	Spacing (M)	% Mix					
<u>Trees</u>									
Acer negundo	Manitoba maple	10 Gal.	3	10	5	2	27	11	9
Populus balsamifera	Balsam poplar	5 Gal.	3	10	5	2	27	11	9
Populus tremuloides	Trembing aspen	5 Gal.	3	15	7	3	40	16	13
Populus tremuloides	Trembing aspen	10 Gal.	3	15	7	3	40	16	13
Prunus virginiana var. virginiana	Chokecherry	5 Gal.	3	10	5	2	27	11	9
Quercus macrocarpa	Bur oak	10 Gal.	3	10	5	2	27	11	9
<u>Shrubs</u>									
Amelanchier alnifolia	Saskatoon	5 Gal.	1	5	21	9	121	47	40
Cornus sericea	Red-osier dogwood	5 Gal.	1	5	21	9	121	47	40
Elaeagnus commutata	Wolf willow	1 Gal.	1	5	21	9	121	47	40
Rosa acicularis	Prickly wild rose	5 Gal.	1	5	21	9	121	47	40
Rosa acicularis	Prickly wild rose	1 Gal.	1	5	21	9	121	47	40
Shepherdia canadensis	Buffaloberry	1 Gal.	1	5	21	9	121	47	40
			Total:	100	160	68	914	358	302
Total Seed (M2): 2063							1046	410	347
Total Temporary Plant Protection Fencing (LM):							152	80	80

Botanical Name	Common Name	% Mix
Bouteloua gracilis	Blue grama grass	5
Deschampsia caespitosa	Tufted hairgrass	5
Elymus canadensis	Canada wildrye	10
Elymus lancelolatus ssp. lanceolatus	Northern wheatgrass (Streamside wildrye)	5
Elymus trachycaulus	Awned wheatgrass	15
Koeleria macrantha	June grass	10
Nasella viridula	Green needlegrass	5
Pascopyrum smithii	Western wheatgrass	15
Poa palustris	Fowl bluegrass	5
Schizachyrium scoparium	Little bluestem	
Forbs*		25
Agastache scrophulariifolia	Giant hyssop	
Dalea purpurea	Purple prairie clover	
Gaillardia	Blanket flower	
Heterotheca villosa	Hairy golden aster	
Oenothera biennis	Yellow evening primrose	

PLANTING SCHEDULE

CRUSHER DUST TRAIL DETAIL 4/L-02 GATE DETAIL 6/L-02 PEDESTRIAN ACCESS WASTE RECEPTACLE DETAIL 5/L-02

03 EAST ENTRANCE - ENLARGEMENT

CRUSHER DUST TRAIL

WASTE RECEPTACLE
DETAIL 5/L-02

EXISTING JERSEY BARRIER

02 WEST ENTRANCE - ENLARGEMENT

DETAIL 4/L-02

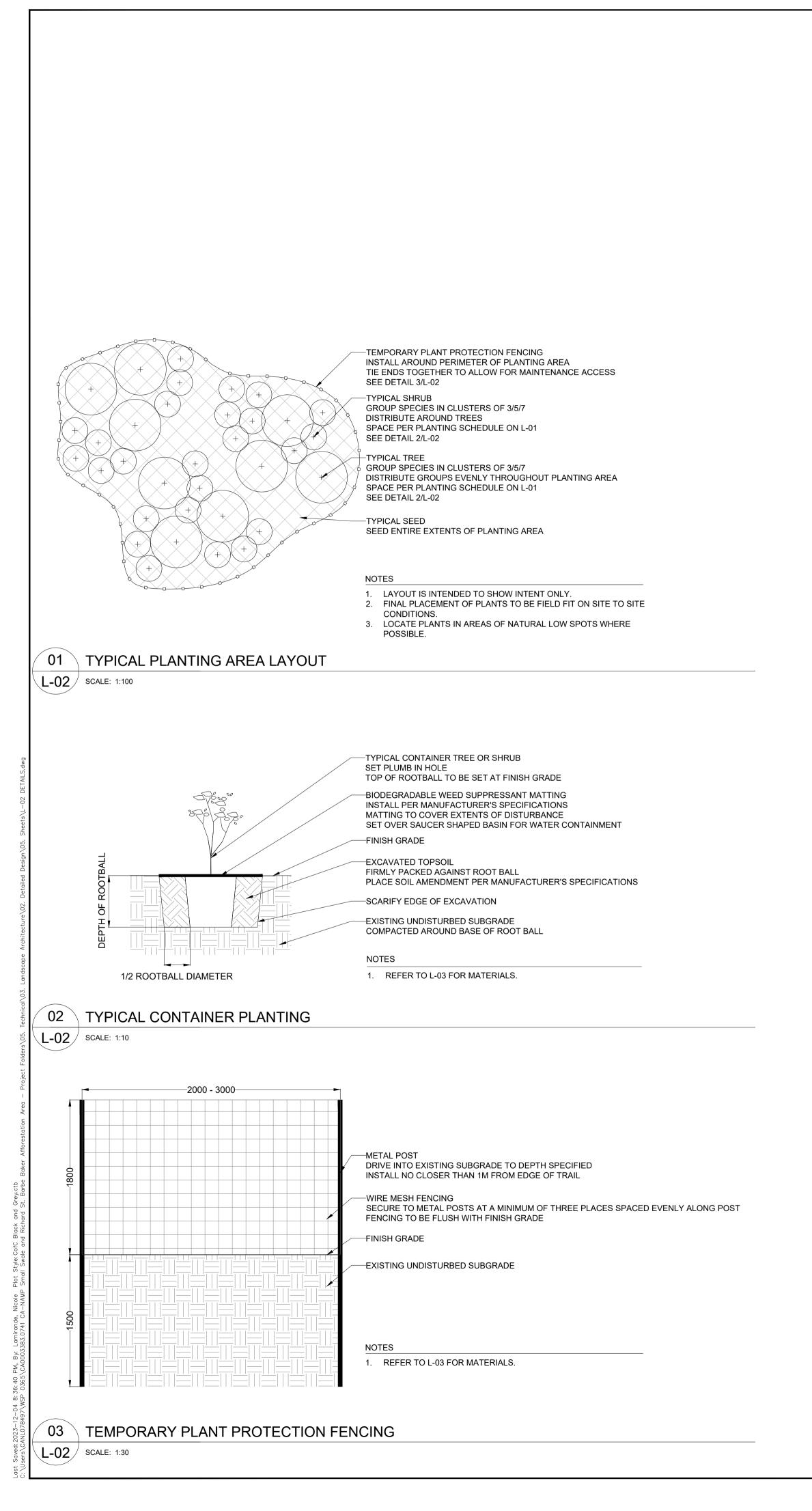
L-01 SCALE: 1:250

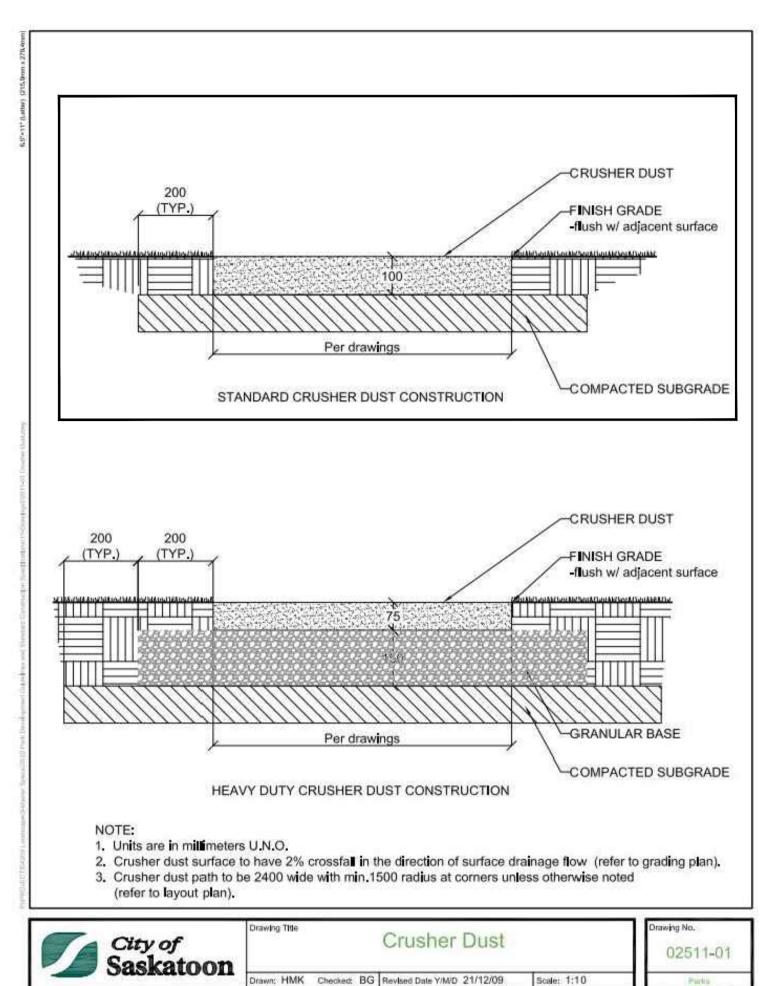
L-01 SCALE: 1:250

SCALE 1:250

L-01

DRAWING NO .:





1. FOLLOW 'STANDARD CRUSHER DUST CONSTRUCTION'.

2. REFER TO L-01 FOR WIDTH OF TRAIL.

CRUSHER DUST TRAIL

L-02 SCALE: NTS

-WASTE RECEPTACLE INSTALL PER MANUFACTURER'S SPECIFICATIONS ORIENT BACK OF WASTE RECEPTACLE NO CLOSER THAN 2.0M FROM EXISTING FENCE, OR PER MANUFACTURER'S RECOMMENDATIONS INSTALL NO CLOSER THAN 1.0M MIN. TO EDGE OF TRAIL, INCLUDING OVERHANG OF FACE OF WASTE RECEPTACLE PRECAST CONCRETE BASE
INSTALL PER MANUFACTURER'S SPECIFICATIONS ON COMPACTED SUBGRADE NOTES REFER TO L-03 FOR MATERIALS. 2. FINAL LAYOUT TO BE DETERMINED ON SITE AND APPROVED BY THE CITY PRIOR TO PLACEMENT.

WASTE RECEPTACLE L-02 SCALE: NTS

GATE

L-02 SCALE: 1:30

VEHICULAR ACCESS 4000 MIN. -WOOD POST -3000-150X150X3000 MIN. → 500 MIN. -METAL GATE -FINISH GRADE -CRUSHER DUST TRAIL SEE DETAIL 4/L-02 -EXISTING UNDISTURBED SUBGRADE NOTES 1. REFER TO L-03 FOR MATERIALS. INSTALL GATE PER MANUFACTURER'S RECOMMENDATIONS. 3. INSTALL GATE SUCH THAT IT SWINGS OPEN INTO THE PARKING LOT AND AWAY FROM THE PEDESTRIAN ACCESS.

POURED-IN-PLACE CONCRETE FOOTING-

100 MIN. CLEARANCE ON ALL SIDES OF WOOD POST

FOR TENDER FOR APPROVAL 2023-12-05 PRELIMINARY 2023-11-17 DATE DESCRIPTION ISSUE DATES 100% APPROVAL 2023-12-05 2023-11-17 **CLIENT REVIEW**

McDonnell

FOR CONSTRUCTION

The Alberta

Association of

REVISIONS

CONSULTANT:

DESCRIPTION

CLIENT:

NO. DATE

NOTES

OTHERWISE NOTED.

DIMENSIONS OF DETAILS ARE IN MILLIMETERS UNLESS



PROJECT TITLE:

DRAWING TITLE:

RICHARD ST. BARBE BAKER AFFORESTATION AREA

SASKATOON, SASKATCHEWAN

DETAILS

DRAWING NO .: VERSION NO .:

L-02

GOVERNMENT OF SASKATCHEWAN WEED CONTROL ACT (2020) AND WEED REGULATIONS (2010). CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS (2023).

4. CONTRACTOR ENVIRONMENTAL GUIDELINES, CITY OF SASKATOON (2019).

ALL WORK TO ADHERE TO CURRENT VERSION OF THE "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS". SEE 'SPECIAL CONDITIONS' FOR ANY WORK WHICH IS TO DEVIATE FROM THE STANDARDS CONSTRUCTION SPECIFICATIONS

EROSION AND SEDIMENT CONTROL (ESC) MEASURES MUST BE IN PLACE THROUGHOUT ENTIRETY OF CONSTRUCTION ACTIVITIES. CONTRACTOR TO FOLLOW THE "CONTRACTOR ENVIRONMENTAL GUIDELINES." PRIOR TO CONSTRUCTION, CONTRACTOR TO REVIEW THE SITE WITH THE CITY AND MEEWASIN TO CONFIRM

THE LOCATION OF IMPORTANT FEATURES, SENSITIVE SPECIES, AND TREES TO BE PROTECTED DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL ARRANGE INSPECTIONS AND PROVIDE TIMELY NOTICE (48 HOURS MINIMUM) TO

REPORT IN WRITING TO THE CONSULTANT AND THE CLIENT, PRIOR TO COMMENCING WORK, ANY CONDITIONS OR DEFECTS THAT ARE ENCOUNTERED ON SITE AND THAT MIGHT ADVERSELY AFFECT THE PERFORMANCE

CONTRACTOR TO CONFIRM LOCATION OF UTILITIES PRIOR TO DIGGING AND MAINTAIN THE REQUIRED OFFSETS DURING ALL STAGES OF WORK AND COORDINATE WITH EASEMENT-HOLDERS IF NEEDED TO ENSURE COMPLIANCE WITH PERMIT REQUIREMENTS.

STOCKPILING: ALL MATERIALS SHALL ONLY BE STORED IN APPROVED LAYDOWN LOCATION. PROTECT ALL MATERIALS FROM HARM WHILE BEING STORED. LAYDOWN AREA MUST BE RETURNED TO ORIGINAL STATE FOLLOWING REMOVAL OF MATERIALS.

8. INSURANCE: CONTRACTOR TO SHOW PROOF OF INSURANCE PER "CITY OF SASKATOON STANDARD CONSTRUCTION

SPECIFICATIONS: PARKS". 9. MOBILIZATION AND DEMOBILIZATION:

PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS".

10. PUBLIC SAFETY AND ACCESS CONTROL MEASURES:

BOTH THE CLIENT AND THE CONSULTANT.

10.1. PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS".

11. PERMITS: CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND MAINTAINING ALL PERMITS REQUIRED TO

WORK IS NOT TO BE PERMITTED WITHIN EASEMENT OR ROW'S UNLESS PERMISSION FROM EASEMENT HOLDER'S HAS BEEN OBTAINED IN WRITTEN FORMAT.

12.1. SOMC SURVEY: PRIOR TO CONSTRUCTION, CONTRACTOR TO COMPLETE A SPECIES OF MANAGEMENT CONCERN (SOMC) SURVEY FOR THE AREA WITHIN THE FOOTPRINT OF DISTURBANCE. SURVEY IS TO BE COMPLETED BY A QUALIFIED BIOLOGIST OR APPROVED OTHER. SPECIES ARE TO BE GIS MAPPED AND FLAGGED. WORK IS NOT TO COMMENCE UNTIL WRITTEN DIRECTION FROM THE CLIENT OR THE CONSULTANT.

NESTING BIRD SURVEY: SHOULD WORK OCCUR BETWEEN APRIL 15 AND AUGUST 31, A NESTING BIRD SURVEY SHALL BE REQUIRED PRIOR TO CONSTRUCTION. NESTING BIRD SURVEY TO BE COMPLETED BY A QUALIFIED BIOLOGIST, OR APPROVED OTHER. WORK IS NOT TO COMMENCE UNTIL WRITTEN DIRECTION FROM THE CLIENT OR THE CONSULTANT.

LEGAL SURVEY: LOCATION OF EASEMENTS, ROWs, PROPERTY LINE, AND ALIGNMENT OF TRAIL TO BE CONFIRMED BY REGISTERED LAND SURVEYOR PRIOR TO DISTURBANCE.

1. PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 01410 - TESTING LABORATORY SERVICES.

RECORD DOCUMENTS

PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 01783 - RECORD DRAWINGS, AND ALL RELATED SECTIONS.

EXISTING PLANT MATERIAL

PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02065 - EXISTING PLANT MATERIAL, AND ALL RELATED SECTIONS. SUBMITTALS:

2.1. ENVIRONMENTAL PROTECTION PLAN.

3. SPECIAL CONDITIONS:

CONTRACTOR TO REVIEW THE EXISTING TREES WITH THE CITY, PARKS, AND SUSTAINABILITY TO DETERMINE WHICH TREES ARE TO BE PROTECTED DURING CONSTRUCTION.

DEMOLITION REMOVAL AND SALVAGE

1. PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02070 -

DEMOLITION REMOVAL AND SALVAGE, AND ALL RELATED SECTIONS. SPECIAL CONDITIONS:

2.1. TESTING:

EXISTING TOPSOIL SHALL NOT BE TESTED. 2.1.1.

2.2. EXECUTION:

SALVAGE TOPSOIL TO USE AS BACKFILL FOR CRUSHER DUST TRAIL. REMOVE AND DISPOSE OF 2.2.1. ANY EXCESS MATERIAL OFF-SITE.

STOCKPILE LOCATION TO BE APPROVED BY THE CITY PRIOR TO USE. 2.2.2.

COORDINATE WITH 'CRUSHER DUST TRAIL'

ROUGH GRADING

1. PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02210 - ROUGH GRADING, AND ALL RELATED SECTIONS.

2. SPECIAL CONDITIONS: 2.1. TESTING:

SHALL NOT BE REQUIRED. 2.1.1.

2.2. EXECUTION:

2.2.1.

1. PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02212 - TOPSOIL,

2.1. TESTING:

SPECIAL CONDITIONS:

AND ALL RELATED SECTIONS.

2.1.1. SHALL NOT BE REQUIRED. 2.2. PRODUCT:

2.2.1. TOPSOIL A: EXISTING ON SITE, STOCKPILED, AND APPROVED FOR USE.

2.3. EXECUTION:

COORDINATE WITH 'CRUSHER DUST TRAIL'. BACKFILL TOPSOIL FROM EDGE OF CRUSHER DUST 2.3.1. TRAIL TO EXISTING GRADES. MAXIMUM 33% SLOPE. PLACE TO DEPTHS REQUIRED.

CRUSHER DUST TRAIL

PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02511 - CRUSHER DUST TRAIL. AND ALL RELATED SECTIONS. SUBMITTALS:

2.1. CRUSHER DUST MATERIAL PER SECTION 02511.

3. SPECIAL CONDITIONS:

3.1. EXECUTION:

CONTRACTOR TO STAKE LAYOUT OF TRAIL AND OBTAIN APPROVAL PRIOR TO COMMENCEMENT 3.1.1. OF PLACEMENT. ENSURE ALIGNMENT CAN ACCOMMODATE A WATER TRUCK WITHOUT OBSTRUCTION.

3.1.2. FINAL PLACEMENT OF TRAIL IS NOT TO HARM SPECIES OF MANAGEMENT CONCERN OR EXISTING

3.6.3. EXISTING TOPSOIL TO BE STOCKPILED AND USED FOR BACKFILLING. IMPORTED TOPSOIL IS NOT TO BE USED.

COORDINATE WORK WITH EXISTING PLANT MATERIAL, DEMOLITION REMOVAL & SALVAGE, ROUGH 3.6.4. GRADING, TOPSOIL, AND SEEDING. MATCH EXISTING GRADES WHILE MAINTAINING CROSS SLOPE, AND TIE INTO EXISTING PAVING.

3.6.6. LONGITUDINAL SLOPE IS NOT TO EXCEED 5%. DISTURBANCE TO BE LIMITED AS MUCH AS POSSIBLE. SEED AND HYDROMULCH AREAS OF 3.6.7. DISTURBANCE PER "SEEDING".

TIMING - CRUSHER DUST TRAIL TO BE CONSTRUCTED IN THE SPRING PRIOR TO PLANTING.

MISCELLANEOUS CONCRETE

SUBMITTALS:

PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02523 -MISCELLANEOUS CONCRETE, AND ALL RELATED SECTIONS.

2.1. CONCRETE MATERIAL, PER SECTION 02523. 3. SPECIAL CONDITIONS:

3.1. TESTING: 3.1.1. SHALL NOT BE REQUIRED.

3.2. PRODUCT: POURED-IN-PLACE CONCRETE AND ACCESSORIES FOR USE AS FOOTINGS. 3.2.1.

EXECUTION: COORDINATE WORK WITH 'GATE'. 3.3.1.

WASTE RECEPTACLE

1. PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02870 - SITE FURNISHINGS, AND ALL RELATED SECTIONS.

2. SPECIAL CONDITIONS:

2.1. SUBMITTALS: SUBMIT PRODUCT INFORMATION AND SPECIFICATIONS FOR APPROVAL PRIOR TO USE. 2.1.1.

HAUL-ALL 'HID-A-BAG I' WITH PRECAST CONCRETE BASE OR APPROVED EQUIVALENT 2.2.1. 2.3. EXECUTION:

2.3.1. FINAL LOCATION TO BE DETERMINED ON SITE BY THE CITY.

2.3.1. INSTALL PER DETAILS ON L-02.

1. PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02870 - SITE FURNISHINGS, AND ALL RELATED SECTIONS.

2. SPECIAL CONDITIONS:

2.1. SUBMITTALS: SUBMIT PRODUCT INFORMATION AND SPECIFICATIONS FOR APPROVAL PRIOR TO USE. PRODUCT: 2.2.

BEHLEN COUNTRY 'COATED GATE FOR LANDOWNER" OR APPROVED EQUIVALENT. 2.2.1. SIZE: 4.0M MIN. (13') IN LENGTH. 2.2.1.1. 2.2.1.2. MATERIAL: METAL, FINISHED TO RESIST RUSTING AND CORROSION. FOOTING: POURED-IN-PLACE CONCRETE. REFER TO 'MISCELLANEOUS CONCRETE' 2.2.1.3.

POST: 0.15 (6") X 0.15 (6") X3.0M MIN.(10' MIN.) SQUARE WOOD POST. CEDAR OR APPROVED

2.2.1.5. ACCESSORIES: LOCK TO BE SUPPLIED BY CITY.

EXECUTION: 2.3. FINAL LOCATION TO BE DETERMINED ON SITE BY THE CITY. 2.3.1. 2.3.2. INSTALL PER DETAILS ON L-02.

EXISTING JERSEY BARRIERS

1. SPECIAL CONDITIONS:

2.2.1.4.

PRODUCT: 1.1. EXISTING CONCRETE JERSEY BARRIER.

1.2. EXECUTION: RELOCATE EXISTING JERSEY BARRIER(S) TO LOCATION INDICATED ON L-01. 1.2.1.

1.2.2.

PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02920 -

FINAL LOCATION TO BE DETERMINED ON SITE BY THE CITY.

NATURALIZED SEEDING, AND ALL RELATED SECTIONS. SUBMITTALS:

SEED MIXES, PER SECTION 02920. 2.1. SPECIAL CONDITIONS:

SPECIFIED.

3.1. SUBMITTALS:

PURCHASE ORDER: WITHIN 60 DAYS OF AWARD OF CONTRACT, PROVIDE A COPY OF THE PURCHASE ORDER TO THE CONSULTANT DOCUMENTING THAT THE SEED HAS BEEN PRE-ORDERED. INCLUDE THE FOLLOWING:

3.1.1.1. NAME AND ADDRESS OF SEED SUPPLIER(S). SCIENTIFIC AND COMMON NAME OF SEED SPECIES. 3.1.1.2. 3.1.1.3. QUANTITY AND ORIGINAL SEED PACKAGE LABELS.

SUBSTITUTIONS: 3.1.2. PROVIDE A LIST OF PROPOSED SUBSTITUTIONS FOR REVIEW AND APPROVAL SHOULD THE SPECIFIED SEED MIX BE UNAVAILABLE.

SEED CERTIFICATES: ALL SEED SHALL BE TESTED BY A REGISTERED SEED LAB. SUBMIT 3.1.3. CERTIFICATES OF SEED ANALYSIS FOR ALL SEED SPECIES FOR APPROVAL PRIOR TO DELIVERY OF SEED TO SITE, CERTIFICATES SHALL BE A MAXIMUM OF THREE (3) YEARS OLD, CERTIFICATES TO INCLUDE:

3.1.3.1. SCIENTIFIC AND COMMON NAME OF EACH SPECIES. GERMINATION RATE OR TETRAZOLIUM RATE. 3.1.3.2. 3.1.3.3. PURITY.

3.1.3.4. PERCENTAGE OF PURE LIVE SEED (PLS). LOCATION OF WHERE SEED WAS GROWN OR COLLECTED. 3.1.3.5.

3.1.3.6. WEED SPECIES AND COUNT (ZERO TOLERANCE FOR NOXIOUS WEEDS). HYDROMULCH: PRODUCT INFORMATION FOR APPROVAL PRIOR TO USE. 3.1.4. PRODUCT: 3.2.

SEED MIX PER L-01. CERTIFIED PER 'GRASS SEED REQUIREMENTS' IN SECTION 02920. 3.2.1. 3.2.2. HYDROMULCH: FLEXTERRA OR APPROVED EQUIVALENT. 3.3. EXECUTION:

3.3.1. METHOD: SEEDING METHOD TO BE "MANUAL SEEDING" AS DEFINED BY SECTION 02920. 3.3.1.1. 3.3.1.2. SEED AT A RATE OF 40-45 KG/HA. HYDROMULCH PER MANUFACTURER'S RECOMMENDATIONS FOR AREAS OF EXPOSED SOIL 3.3.1.3.

ALONG EDGE OF TRAIL ONLY. AREAS TO BE SEEDED: 3.3.2. SIDES OF TRAIL: SEED AND HYDROMULCH ALL AREAS OF DISTURBANCE. ASSUMES 0.5 M OF 3.3.2.1.

DISTURBANCE ON EITHER SIDE OF THE TRAIL. 3.3.2.2. PLANTING AREAS: SEED EXTENTS OF PLANTING AREA. LIGHTLY SCARIFY OR RAKE TOPSOIL PRIOR TO APPLICATION OF SEED. DO NOT HYDROMULCH.

PERFORMANCE MEASUREMENT & OVERSEEDING: AT FAC, SEEDED ARES MUST SHOW SIGNS OF GERMINATION AND GROWTH WITH BARE AREAS LESS THAN 150X150MM IN SIZE, WITH AN AVERAGE DENSITY OF 60 TO 90 PLANTS PER M2. OVERSEED BARE AREAS USING THE SAME SEED MIX AND METHOD OF SEEDING AS ORIGINALLY **PLANT MATERIAL - TREES & SHRUBS**

PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", SECTION 02950 - PLANT MATERIAL, AND ALL RELATED SECTIONS.

SUBMITTALS: PROPOSED PLANT MATERIAL, PER SECTION 02950.

2.1. 3. SPECIAL CONDITIONS:

SUBMITTALS: PRODUCT INFORMATION FOR SOIL AMENDMENT AND BIODEGRADABLE WEED SUPPRESSANT

PRODUCT: 3.2. PLANT MATERIAL OF SPECIFIED QUANTITY, SPECIES, AND SIZE PER L-01.

BIODEGRADABLE WEED SUPPRESSANT MATTING. TERRAFIBRE 12X12" SQUARE HEMP MATS, OR APPROVED EQUIVALENT. TO BE USED AS AN ALTERNATIVE TO WOOD MULCH.

SOIL AMENDMENT: GAIA GREEN 4-4-4 ALL PURPOSE FERTILIZER, OR APPROVED EQUAL SLOW RELEASE ORGANIC FERTILIZER. CONTRACTOR TO SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO USE.

EXECUTION:

STAKE LIMITS OF PLANTING AREAS AND OBTAIN APPROVAL FROM THE CLIENT PRIOR TO PLANTING. FINAL LOCATION OF PLANTING AREAS SUBJECT TO CHANGE BASED UPON SITE

3.3.2. WEEDS TO BE CONTROLLED PRIOR TO PLANTING PER "VEGETATION CONTROL". LAYOUT AND INSTALL THE TREES AND SHRUBS PER DETAILS ON L-02, INCLUDING: 3.3.3.

3.3.3.1. 3.3.3.2. SOIL AMENDMENT. 3.3.3.3. BIODEGRADABLE WEED SUPPRESSANT MATTING.

DO NOT INSTALL TREE SUPPORT. 3.3.4.

SEED THE ENTIRE EXTENT OF THE PLANTING AREA PER "SEEDING". 3.3.5. 3.3.6. INSTALL PLANT PROTECTION FENCING IMMEDIATELY AFTER PLANTING IS COMPLETE. SEE "PLANT PROTECTION FENCING".

3.4. PLANTING TO OCCUR IN THE FALL AFTER THE CRUSHER DUST TRAIL HAS BEEN CONSTRUCTED. 3.4.1.

PERFORMANCE MEASUREMENT & PLANT REPLACEMENTS: 3.5.

100% OF PLANTS TO BE IN GOOD HEALTH AT CCC. COMPLETE PLANT COUNT ONCE PER YEAR DURING THE GROWING SEASON OF THE MAINTENANCE PERIOD. PROVIDE RECORD TO THE CONSULTANT AND THE CITY, CLEARLY LISTING THE QUANTITY, SPECIES, AND LOCATION OF THE PLANTS WHICH HAVE SURVIVED AND ARE IN GOOD HEALTH. REPLACE PLANTS EACH YEAR TO MEET ORIGINAL QUANTITY, UNLESS OTHERWISE DIRECTED BY THE CONSULTANT OR THE CITY. SIZE OF REPLACEMENT PLANTS TO BE EQUAL OR GREATER TO THOSE WHICH WERE ORIGINALLY SPECIFIED.

80% OF PLANTS MUST BE IN GOOD HEALTH AT FAC. 3.5.3.

TEMPORARY PLANT PROTECTION FENCING

SUBMIT PRODUCT INFORMATION FOR FENCING FOR APPROVAL PRIOR TO SHIPMENT TO SITE.

PRODUCT: WIRE FENCING: STUCCO WIRE FENCING, 50X50MM SQUARE MESH, 14 GAUGE. SEE DETAILS FOR HEIGHT.

2.2. POSTS: GREEN OR BLACK PAINTED T-POSTS. SEE DETAILS FOR LENGTH. ACCESSORIES: WIRE TO SECURE FENCING. ALL ACCESSORIES AND MATERIALS TO BE TREATED TO

RESIST RUSTING OR CORROSION.

3.1. COORDINATE WITH OTHER WORK. INSTALL FENCING AROUND EXTERIOR OF ALL PLANTING AREAS IMMEDIATELY FOLLOWING PLANTING

INSTALL PER DETAILS ON L-02.

The Alberta **Association of** Landscape Architects

LEGEND:

				AS-BUILT				
				FOR TENDER				
	2023	3-12-05			RM			
	2023	3-11-17	PRELIMINARY			RM		
	DA	\TE		DESCRIPTION				
				ISSUE DATES				
	D							
	С							
B 2023-12		2-05	100% APPROVAL		RM			
	Α	<u>2023-11-17</u>		CLIENT REVIEW		RM		
	NO. DATE		-	DESCRIPTION		BY		

CLIENT:

CONSULTANT:



REVISIONS

PROJECT TITLE:

RICHARD ST. BARBE BAKER AFFORESTATION AREA

SASKATOON, SASKATCHEWAN

DRAWING TITLE:

NOTES

DRAWING NO .: VERSION NO .:

L-03

MEASUREMENT AND PAYMENT GENERAL MEASUREMENT TO BE MADE PER LUMP SUM (LS) FOR ALL GENERAL WORKS. 1.1. PAYMENT SHALL BE MADE ON THE UNIT PRICE BID PER LUMP SUM (LS) OF ALL COMPLETED GENERAL WORKS PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #1 -PRICING TABLE. 1.3. PAYMENT SHALL INCLUDE ALL LABOUR, MATERIAL, AND MACHINERY REQUIRED TO EXECUTE THE WORK. 1.3.1. INSURANCE. MOBILIZATION AND DEMOBILIZATION. 1.3.2. 1.3.3. PUBLIC SAFETY AND ACCESS CONTROL MEASURES. 1.3.4. 1.3.5. SURVEYS (SOMC SURVEY, NESTING BIRD SURVEY, LEGAL SURVEY). 1.3.6. ALL INCIDENTAL WORK AND ITEMS REQUIRED TO COMPLETE THE WORK FOR WHICH PAYMENT IS NOT SPECIFIED ELSEWHERE. RECORD DOCUMENTS: MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #3 - RECORD DOCUMENTS. SITE PREPARATION: MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: 3.1. PARKS", ITEM #4 - SECTION 02065 EXISTING PLANT MATERIAL. MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #5 - SECTION 02070 DEMOLITION, REMOVAL, AND SALVAGE. ROUGH GRADING: MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #6 - SECTION 02210 ROUGH GRADING. 5. CRUSHER DUST TRAIL: MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #9 - SECTION 02511 CRUSHER DUST. MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #7 - SECTION 02212 TOPSOIL.. 6. WASTE RECEPTACLE: MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: 6.1. PARKS", ITEM #19 - SECTION 02870 SITE FURNISHINGS. MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: 7.1. PARKS", ITEM #19 - SECTION 02870 SITE FURNISHINGS. MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #11 - SECTION 02523 MISCELLANEOUS CONCRETE. 8. EXISTING JERSEY BARRIER: PAYMENT TO INCLUDE COSTS WORK RELATED TO RELOCATION OF EXISTING JERSEY BARRIER ONLY. 8.1. MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS:

Rob
McDonnell

			AS-BUILT		
			FOR CONSTRUCTION		
			FOR TENDER		
2023	3-12-05		FOR APPROVAL		RM
2023	3-11-17		PRELIMINARY	RM	
DA	ATE		DESCRIPTION	BY	
			ISSUE DATES		
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С					
В	2023-12-05		100% APPROVAL		RM
А	2023-1	1-17	CLIENT REVIEW		RM
NO.	DATE		DESCRIPTION		BY

CONSULTANT:

LEGEND:



REVISIONS

CLIENT:



PROJECT TITLE:

RICHARD ST. BARBE BAKER AFFORESTATION AREA

SASKATOON, SASKATCHEWAN

DRAWING TITLE:

NOTES

VERSION NO.:

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DRAWING NO .:

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PARKS", ITEM #23 - SECTION 02920 NATURALIZED SEEDING. MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS" ITEM #2 - SECTION 01410 LABORATORY TESTING. 10. HYDROMULCHING: MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #23 - SECTION 02920 NATURALIZED SEEDING. 11. TEMPORARY PLANT PROTECTION FENCING 11.1. MEASUREMENT AND PAYMENT PER UNIT PRICE BID PER LINER METRE (LM) OF INSTALLED FENCING. MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #26 - SECTION 02950 PLANT MATERIAL INCLUDES: TREES AND SHRUBS (10 GALLON, 5 GALLON, 1 GALLON), UNIT PRICE FOR TREES AND SHRUBS SHALL INCLUDE COSTS FOR SUPPLY, SHIPPING, HANDLING, AND INSTALLATION OF THE SOIL AMENDMENT AND BIODEGRADABLE WEED SUPPRESSANT MATTING. 13. LANDSCAPE MAINTENANCE: MEASUREMENT AND PAYMENT PER "CITY OF SASKATOON STANDARD CONSTRUCTION SPECIFICATIONS: PARKS", ITEM #27 - SECTION 02998 LANDSCAPE MAINTENANCE. INCLUDES: MAINTENANCE ACTIVITIES AS LISTED UNDER "LANDSCAPE MAINTENANCE" OF L-03.