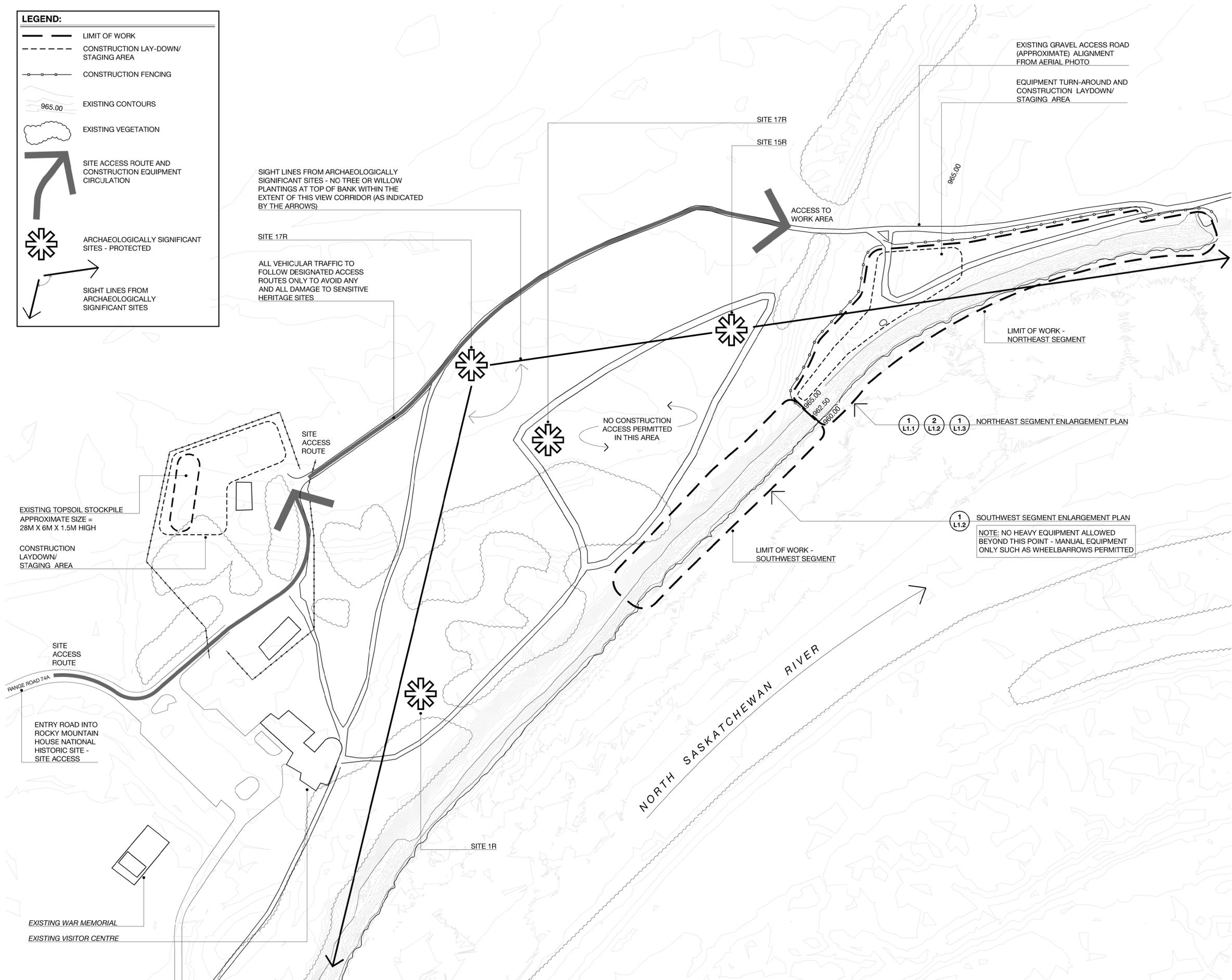


LEGEND:

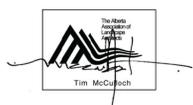
- LIMIT OF WORK
- - - CONSTRUCTION LAY-DOWN/ STAGING AREA
- +— CONSTRUCTION FENCING
- 965.00 EXISTING CONTOURS
- EXISTING VEGETATION
- ↗ SITE ACCESS ROUTE AND CONSTRUCTION EQUIPMENT CIRCULATION
- ✳ ARCHAEOLOGICALLY SIGNIFICANT SITES - PROTECTED
- ↖ SIGHT LINES FROM ARCHAEOLOGICALLY SIGNIFICANT SITES



- NOTES:**
1. ALL DRAWINGS ARE PROPERTY OF THE LANDSCAPE ARCHITECT.
 2. THIS DESIGN AND DRAWING MAY NOT BE REPRODUCED WITHOUT PERMISSION OF THE LANDSCAPE ARCHITECT.
 3. DO NOT SCALE DRAWINGS.
 4. ALL DRAWINGS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

No.	Date	Revision	By	App.
2	2019.04.01	TENDER		
1	2019-03-11	66% REVIEW		
No.	Date	Issued for		

PARKS CANADA AGENCY

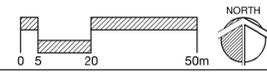


ROCKY MOUNTAIN HOUSE BANK RE-VEGETATION

OVERALL SITE PLAN AND CONSTRUCTION ACCESS

Drawn	AL	Approved	TMC
Checked	AL	Job Number	5001
Date	FEBRUARY 28, 2019	Sheet	
Scale	1:1000		L1.0

1 OVERALL SITE PLAN AND CONSTRUCTION ACCESS
L1.0 1:1000



NATIVE GRASS SEED MIX - TYPICAL

GRASS SEED MIX TO BE BROADCAST OVER ALL TOPSOIL AREAS AND REMEDIATION AREA WHERE NECESSARY - TYPICAL REFER TO SPECIFICATIONS FOR SEEDING RATE

SEED MIX COMPOSITION:

- 17% CANADA WILD RYE
- 10% SLENDER WHEATGRASS
- 12% MOUNTAIN BROME
- 24% NORTHERN WHEATGRASS
- 33% WESTERN WHEATGRASS
- 1% BLUE GRAMA
- 3% JUNEGRASS

PLANTING AREA DESCRIPTIONS:

LOWER RIPARIAN AREA:
THIS IS THE PLANTING AREA BETWEEN THE 1:2 YEAR FLOOD LEVEL AND THE AVERAGE WINTER ICE LEVEL. THIS IS THE ICE SCOUR ZONE

MID-RIPARIAN AREA:
THIS IS THE PLANTING AREA BETWEEN THE AVERAGE WINTER ICE LEVEL AND THE TOP OF THE RIP-RAP

BRUSH LAYER AREA:
THIS IS THE LINEAR PLANTING ZONE DIRECTLY ABOVE THE TOP OF RIP-RAP

EMBANKMENT AREA:
THIS IS THE PLANTING ZONE BETWEEN THE TOP OF RIP-RAP AND THE TOP OF THE BANK. LIVE PLANTINGS WILL BE INSTALLED INTO THIS BANK AREA

TOP OF BANK AREA:
THIS IS THE PLANTING ZONE THAT RUNS ALONG THE TOP OF THE RIVER BANK

GENERAL NOTES:

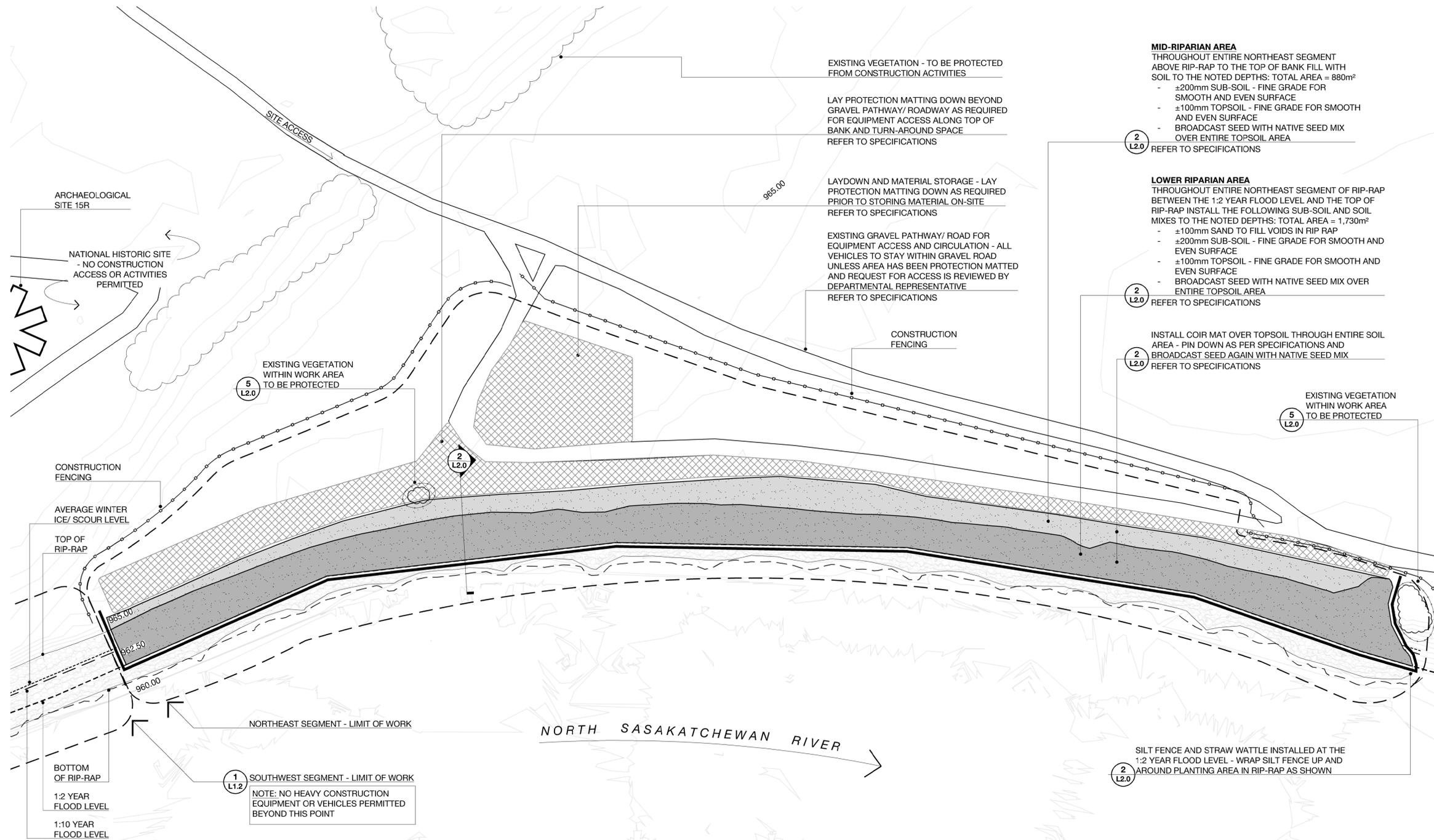
1. CONTRACTOR IS RESPONSIBLE FOR LOCATING UTILITIES AND PROTECTING SAME FROM DAMAGE DURING CONSTRUCTION. CONTACT ALBERTA ONE-CALL AT 1-800-242-3447.
2. COMMENCEMENT OF WORK INDICATES ACCEPTANCE OF SITE CONDITIONS.
3. ALL DIMENSIONS TO BE CONFIRMED AND VERIFIED ON SITE PRIOR TO CONSTRUCTION. CONTRACTOR TO REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
4. SITE CLEAN-UP IS INCIDENTAL TO THE WORK.
5. CONTRACTOR TO COORDINATE AND ATTEND ALL INSPECTIONS AND APPROVALS REQUIRED BY THE OWNER AND OTHERS.
6. LANDSCAPE PLANS PREPARED USING SURVEY PROVIDED BY PARKS CANADA - SURVEY WAS CONDUCTED BETWEEN AUGUST 13 -26, 2018.

LEGEND:

- LIMIT OF WORK
- - - TREE PROTECTION FENCING
- [Cross-hatched] PROTECTION MATTING
- [Stippled] EXISTING CLASS 2 RIP-RAP
- 965.00 EXISTING CONTOURS
- [Cloud-like] EXISTING VEGETATION
- [Thick line] SILT FENCE, STRAW WATTLE AND BEAVER FENCING
- [Light stippled] MID-RIPARIAN AREA
- [Dark stippled] LOWER RIPARIAN AREA

NOTES:

1. ALL DRAWINGS ARE PROPERTY OF THE LANDSCAPE ARCHITECT.
2. THIS DESIGN AND DRAWING MAY NOT BE REPRODUCED WITHOUT PERMISSION OF THE LANDSCAPE ARCHITECT.
3. DO NOT SCALE DRAWINGS.
4. ALL DRAWINGS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.



MID-RIPARIAN AREA
THROUGHOUT ENTIRE NORTHEAST SEGMENT ABOVE RIP-RAP TO THE TOP OF BANK FILL WITH SOIL TO THE NOTED DEPTHS: TOTAL AREA = 880m²

- ±200mm SUB-SOIL - FINE GRADE FOR SMOOTH AND EVEN SURFACE
- ±100mm TOPSOIL - FINE GRADE FOR SMOOTH AND EVEN SURFACE
- BROADCAST SEED WITH NATIVE SEED MIX OVER ENTIRE TOPSOIL AREA

2 L2.0 REFER TO SPECIFICATIONS

LOWER RIPARIAN AREA
THROUGHOUT ENTIRE NORTHEAST SEGMENT OF RIP-RAP BETWEEN THE 1:2 YEAR FLOOD LEVEL AND THE TOP OF RIP-RAP INSTALL THE FOLLOWING SUB-SOIL AND SOIL MIXES TO THE NOTED DEPTHS: TOTAL AREA = 1,730m²

- ±100mm SAND TO FILL VOIDS IN RIP RAP
- ±200mm SUB-SOIL - FINE GRADE FOR SMOOTH AND EVEN SURFACE
- ±100mm TOPSOIL - FINE GRADE FOR SMOOTH AND EVEN SURFACE
- BROADCAST SEED WITH NATIVE SEED MIX OVER ENTIRE TOPSOIL AREA

2 L2.0 REFER TO SPECIFICATIONS

INSTALL COIR MAT OVER TOPSOIL THROUGH ENTIRE SOIL AREA - PIN DOWN AS PER SPECIFICATIONS AND BROADCAST SEED AGAIN WITH NATIVE SEED MIX

2 L2.0 REFER TO SPECIFICATIONS

SILT FENCE AND STRAW WATTLE INSTALLED AT THE 1:2 YEAR FLOOD LEVEL - WRAP SILT FENCE UP AND AROUND PLANTING AREA IN RIP-RAP AS SHOWN

2 L2.0

5 L2.0 EXISTING VEGETATION WITHIN WORK AREA TO BE PROTECTED

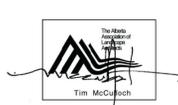
5 L2.0 EXISTING VEGETATION WITHIN WORK AREA TO BE PROTECTED

1 L1.2 NOTE: NO HEAVY CONSTRUCTION EQUIPMENT OR VEHICLES PERMITTED BEYOND THIS POINT

1 L1.1 1:400 NORTHEAST SEGMENT ENLARGEMENT PLAN - SOIL PLACEMENT AND SEEDING

No.	Date	Revision	By	App.
2	2019-04-01	TENDER		
1	2019-03-11	66% REVIEW		

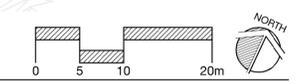
PARKS CANADA AGENCY

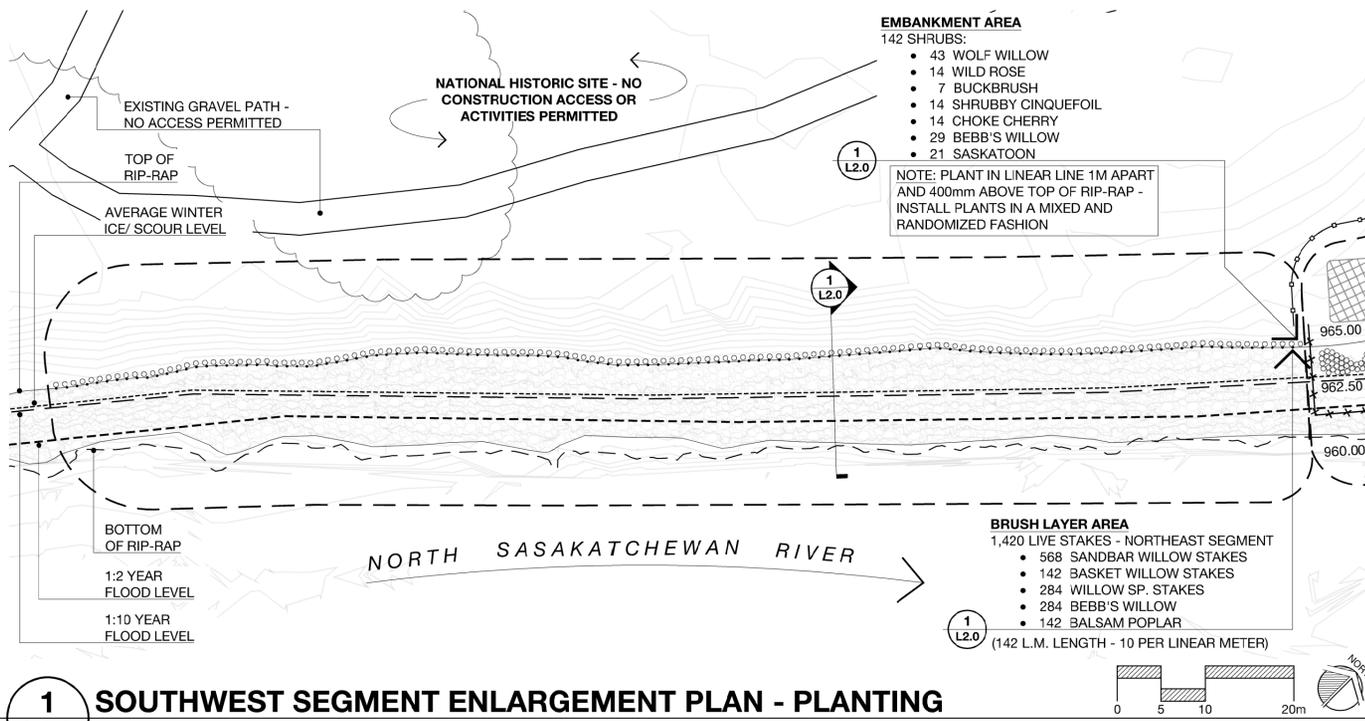


ROCKY MOUNTAIN HOUSE BANK RE-VEGETATION

SOIL PLACEMENT AND SEEDING PLAN

Drawn	AL	Approved	TMC
Checked	AL	Job Number	5001
Date	FEB.28, 2019	Sheet	
Scale	1:1000		L1.1





1 **SOUTHWEST SEGMENT ENLARGEMENT PLAN - PLANTING**
L1.2 1:400

PLANT GROUP QTY:

GROUP A - 80 SHRUBS
 GROUP B - 20 SHRUBS
 GROUP C - 40 SHRUBS
 GROUP D - 40 SHRUBS
 GROUP E - 20 SHRUBS
 GROUP F - 60 SHRUBS
 GROUP G - 20 SHRUBS
 GROUP H - 40 SHRUBS
 GROUP J - 20 SHRUBS
 GROUP K - 60 SHRUBS
 GROUP L - 40 SHRUBS
 GROUP M - 20 SHRUBS
 GROUP N - 40 SHRUBS
 GROUP P - 40 SHRUBS
 GROUP Q - 40 SHRUBS
 GROUP R - 40 SHRUBS
 GROUP S - 80 SHRUBS
 GROUP T - 80 SHRUBS
 GROUP U - 40 SHRUBS
 GROUP V - 40 SHRUBS
 GROUP W - 20 SHRUBS
 GROUP X - 40 SHRUBS
 GROUP Y - 20 SHRUBS
 GROUP Z - 40 SHRUBS
 GROUP AA - 80 SHRUBS
 GROUP AB - 40 SHRUBS
 GROUP AC - 40 SHRUBS
 GROUP AD - 20 SHRUBS
 GROUP AE - 20 SHRUBS

TOTAL = 1,180

PLANT SCHEDULE (FOR L1.2)

TOTAL QTY	% PER GROUP	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES, SHRUBS, PERENNIALS AND LIVE STAKES					
LOWER RIPARIAN AREA (RIP-RAP ICE SCOUR ZONE) - 994 TOTAL PLANTS					
110	11.1%	<i>Salix exigua</i>	Sandbar Willow	1 gal.	Container
276	27.8%	<i>Salix exigua</i>	Sandbar Willow	1.5m Stake	Live Cutting
166	16.7%	<i>Salix petiolaris</i>	Basket Willow	1.5m Stake	Container
110	11.1%	<i>Salix maccellinan</i>	Willow Sp.	1.5m Stake	Container
166	16.7%	<i>Scirpus microcarpus</i>	Small-fruited Bulrush	250 cc	Container
166	16.7%	<i>Glyceria grandis</i>	Tall Manna Grass	250 cc	Container
MID-RIPARIAN AREA (ABOVE RIP-RAP ICE SCOUR ZONE) - 1,180 TOTAL PLANTS					
59	5%	<i>Salix exigua</i>	Sandbar Willow	1 gal.	Container
59	5%	<i>Salix maccellinan</i>	Willow Sp.	1 gal.	Container
118	10%	<i>Salix petiolaris</i>	Basket Willow	1 gal.	Container
118	10%	<i>Cornus stolonifera</i>	Dogwood	1 gal.	Container
118	10%	<i>Elaeagnus commutata</i>	Wolf Willow	1 gal.	Container
177	15%	<i>Betula occidentalis</i>	River Birch	1 gal.	Container
118	10%	<i>Populus balsamifera</i>	Balsam Poplar	1 gal.	Container
236	20%	<i>Symphoricarpos occidentalis</i>	Buckbrush	1 gal.	Container
177	15%	<i>Salix bebbiana</i>	Bebb's Willow	1 gal.	Container
BRUSH LAYER AREA - 2,640 TOTAL PLANTS					
1056	40%	<i>Salix exigua</i>	Sandbar Willow	1.5m Stake	Container
264	10%	<i>Salix maccellinan</i>	Willow Sp.	1.5m Stake	Container
528	20%	<i>Salix petiolaris</i>	Basket Willow	1.5m Stake	Container
528	20%	<i>Salix bebbiana</i>	Bebb's Willow	1.5m Stake	Container
264	10%	<i>Populus balsamifera</i>	Balsam Poplar	1.5m Stake	Container
EMBANKMENT AREA - 142 TOTAL PLANTS					
43	30%	<i>Elaeagnus commutata</i>	Wolf Willow	1 gal.	Container
14	10%	<i>Rosa woodsii</i>	Wild Rose	1 gal.	Container
7	5%	<i>Symphoricarpos occidentalis</i>	Buckbrush	1 gal.	Container
14	10%	<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	1 gal.	Container
14	10%	<i>Prunus virginiana</i>	Western Chokecherry	1 gal.	Container
29	20%	<i>Salix bebbiana</i>	Bebb's Willow	1 gal.	Container
21	15%	<i>Amelanchier alnifolia</i>	Saskatoon	1 gal.	Container

- NOTES:**
- ALL DRAWINGS ARE PROPERTY OF THE LANDSCAPE ARCHITECT.
 - THIS DESIGN AND DRAWING MAY NOT BE REPRODUCED WITHOUT PERMISSION OF THE LANDSCAPE ARCHITECT.
 - DO NOT SCALE DRAWINGS.
 - ALL DRAWINGS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

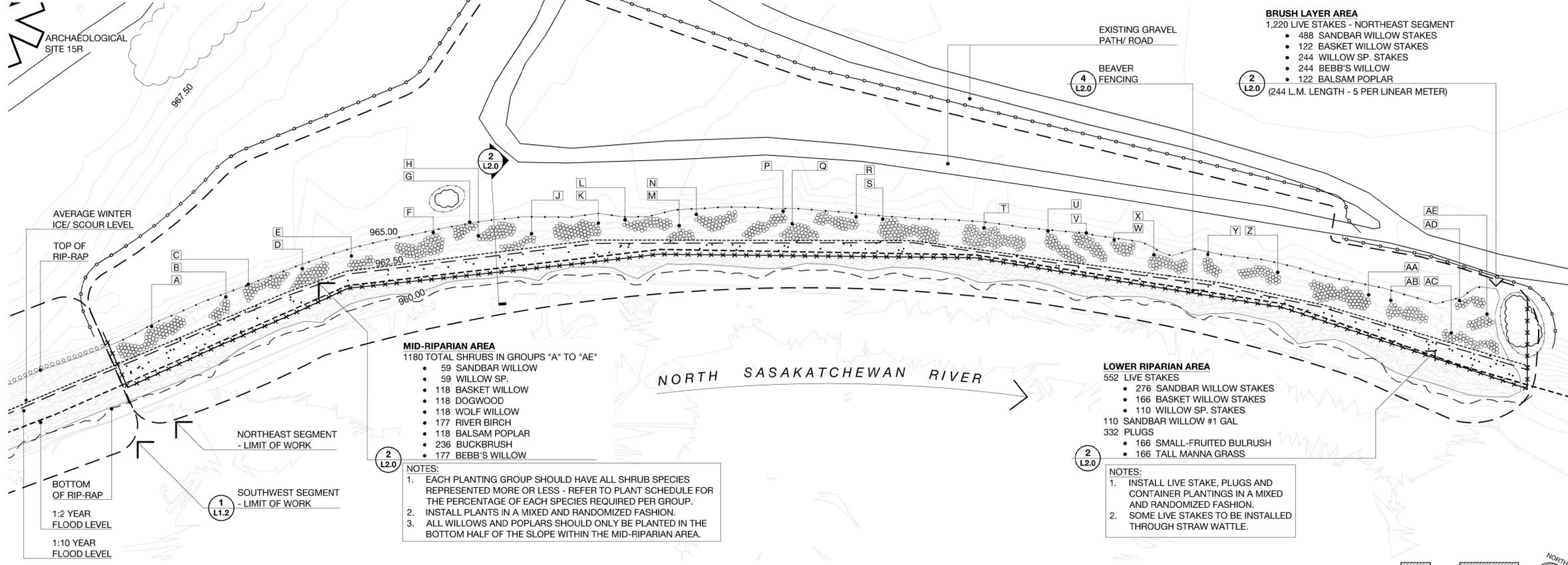
LEGEND:

- LIMIT OF WORK
- CONSTRUCTION FENCING
- TREE PROTECTION FENCING
- BEAVER FENCING, SILT FENCE AND STRAW WATTLE
- EXISTING CLASS 2 RIP-RAP
- 965.00 EXISTING CONTOURS
- MID-RIPARIAN SHRUB PLANTING
- BRUSH LAYER
- ☁ EXISTING VEGETATION

- PLANTING NOTES:**
- ALL PLANTING LAYOUT SHALL BE APPROVED ON-SITE BY DEPARTMENTAL REPRESENTATIVE PRIOR TO INSTALLATION. CONTRACTOR TO NOTIFY REPRESENTATIVE MINIMUM 2 WORKING DAYS PRIOR.
 - CONTRACTOR TO CONFIRM QUANTITIES AND SHALL REPORT PROMPTLY ANY DISCREPANCIES.
 - DISTURBANCES TO ADJACENT AREAS SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.
 - REFER TO SPECIFICATIONS FOR MATERIALS, TECHNIQUES AND PROCEDURES.
 - FOR QUANTITIES OF EACH SHRUB SPECIES IN PLANT GROUPS NOTED IN THE NORTHEAST SEGMENT - CALCULATE THE NUMBER REQUIRED BASED ON THE PERCENTAGE REQUIRED PER GROUP. EACH GROUP WILL HAVE ALL THE SHRUB SPECIES REPRESENTED.

- PLANTING AREA DESCRIPTIONS:**
- LOWER RIPARIAN AREA:**
THIS IS THE PLANTING AREA BETWEEN THE 1:2 YEAR FLOOD LEVEL AND THE AVERAGE WINTER ICE LEVEL. THIS IS THE ICE SCOUR ZONE
- MID-RIPARIAN AREA:**
THIS IS THE PLANTING AREA BETWEEN THE AVERAGE WINTER ICE LEVEL AND THE TOP OF THE RIP-RAP
- BRUSH LAYER AREA:**
THIS IS THE LINEAR PLANTING ZONE DIRECTLY ABOVE THE TOP OF RIP-RAP
- EMBANKMENT AREA:**
THIS IS THE PLANTING ZONE BETWEEN THE TOP OF RIP-RAP AND THE TOP OF THE BANK. LIVE PLANTINGS WILL BE INSTALLED INTO THIS BANK
- TOP OF BANK AREA:**
THIS IS THE PLANTING ZONE THAT RUNS ALONG THE TOP OF THE RIVER BANK

No.	Date	Revision	By	App.
2	2019-04-01	TENDER		
1	2019-03-11	66% REVIEW		



2 **NORTHEAST SEGMENT ENLARGEMENT PLAN - RIP-RAP PLANTING**
L1.2 1:400

BRUSH LAYER AREA
 1,220 LIVE STAKES - NORTHEAST SEGMENT
 • 488 SANDBAR WILLOW STAKES
 • 122 BASKET WILLOW STAKES
 • 244 WILLOW SP. STAKES
 • 244 BEBB'S WILLOW
 • 122 BALSAM POPLAR
 (244 L.M. LENGTH - 5 PER LINEAR METER)

LOWER RIPARIAN AREA
 552 LIVE STAKES
 • 276 SANDBAR WILLOW STAKES
 • 166 BASKET WILLOW STAKES
 • 110 WILLOW SP. STAKES
 110 SANDBAR WILLOW #1 GAL PLUGS
 • 166 SMALL-FRUITED BULRUSH
 • 166 TALL MANNA GRASS

NOTES:

- INSTALL LIVE STAKE, PLUGS AND CONTAINER PLANTINGS IN A MIXED AND RANDOMIZED FASHION.
- SOME LIVE STAKES TO BE INSTALLED THROUGH STRAW WATTLE.

PARKS CANADA AGENCY

Tim McCreesh

CARSON + McCULLOCH ASSOCIATES LTD.
 Tamas Conservation Services Ltd.

Project
ROCKY MOUNTAIN HOUSE BANK RE-VEGETATION

Drawing
PLANTING PLANS - LOWER & MID-RIPARIAN, BRUSH LAYER & EMBANKMENT AREAS

Drawn	AL	Approved	TMC
Checked	AL	Job Number	5001
Date	FEB.28, 2019	Sheet	
Scale	1:1000		

L1.2

PLANT GROUP QUANTITIES:

EMBANKMENT AREA:	TOP OF BANK AREA:	TOP OF BANK AREA:
GROUP AF - 40 SHRUBS	NO TREES + WILLOWS	WITH TREES + WILLOWS
GROUP AG - 40 SHRUBS	GROUP BB - 20 SHRUBS	GROUP BK - 40 SHRUBS
GROUP AH - 40 SHRUBS	GROUP BC - 40 SHRUBS	GROUP BL - 20 SHRUBS
GROUP AJ - 20 SHRUBS	GROUP BD - 60 SHRUBS	GROUP BM - 20 SHRUBS
GROUP AK - 20 SHRUBS	GROUP BE - 30 SHRUBS	GROUP BN - 40 SHRUBS
GROUP AL - 20 SHRUBS	GROUP BF - 20 SHRUBS	GROUP BP - 20 SHRUBS
GROUP AM - 40 SHRUBS	GROUP BG - 50 SHRUBS	GROUP BQ - 20 SHRUBS
GROUP AN - 40 SHRUBS	GROUP BH - 30 SHRUBS	GROUP BR - 40 SHRUBS
GROUP AP - 40 SHRUBS	GROUP BJ - 60 SHRUBS	GROUP BS - 20 SHRUBS
GROUP AQ - 20 SHRUBS	TOTAL = 310	GROUP BT - 20 SHRUBS
GROUP AR - 20 SHRUBS		GROUP BU - 20 SHRUBS
GROUP AS - 60 SHRUBS		GROUP BV - 40 SHRUBS
GROUP AT - 40 SHRUBS		GROUP BW - 20 SHRUBS
GROUP AU - 20 SHRUBS		GROUP BX - 40 SHRUBS
GROUP AV - 40 SHRUBS		GROUP BY - 20 SHRUBS
GROUP AW - 40 SHRUBS		GROUP BZ - 20 SHRUBS
GROUP AX - 20 SHRUBS		GROUP CC - 20 SHRUBS
GROUP AY - 20 SHRUBS		GROUP CD - 40 SHRUBS
GROUP AZ - 20 SHRUBS		TOTAL = 460
TOTAL = 600		

PLANTING AREA DESCRIPTIONS:

LOWER RIPARIAN AREA:
THIS IS THE PLANTING AREA BETWEEN THE 1:2 YEAR FLOOD LEVEL AND THE AVERAGE WINTER ICE LEVEL. THIS IS THE ICE SCOUR ZONE

MID-RIPARIAN AREA:
THIS IS THE PLANTING AREA BETWEEN THE AVERAGE WINTER ICE LEVEL AND THE TOP OF THE RIP-RAP

BRUSH LAYER AREA:
THIS IS THE LINEAR PLANTING ZONE DIRECTLY ABOVE THE TOP OF RIP-RAP

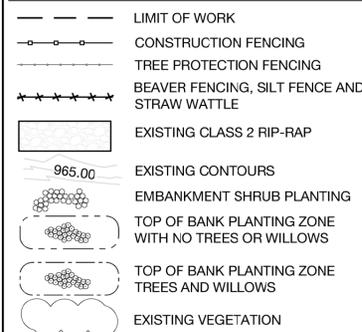
EMBANKMENT AREA:
THIS IS THE PLANTING ZONE BETWEEN THE TOP OF RIP-RAP AND THE TOP OF THE BANK. LIVE PLANTINGS WILL BE INSTALLED INTO THIS BANK AREA

TOP OF BANK AREA:
THIS IS THE PLANTING ZONE THAT RUNS ALONG THE TOP OF THE RIVER BANK

PLANTING NOTES:

- ALL PLANTING LAYOUT SHALL BE APPROVED ON-SITE BY DEPARTMENTAL REPRESENTATIVE PRIOR TO INSTALLATION. CONTRACTOR TO NOTIFY REPRESENTATIVE MINIMUM 2 WORKING DAYS PRIOR.
- CONTRACTOR TO CONFIRM QUANTITIES AND SHALL REPORT PROMPTLY ANY DISCREPANCIES.
- DISTURBANCES TO ADJACENT AREAS SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.
- REFER TO SPECIFICATIONS FOR MATERIALS, TECHNIQUES AND PROCEDURES.
- FOR QUANTITIES OF EACH SHRUB SPECIES IN THE PLANTING GROUPS NOTED IN THE NORTHEAST SEGMENT - CALCULATE THE NUMBER REQUIRED BASED ON THE PERCENTAGE REQUIRED PER GROUP. EACH GROUP WILL HAVE ALL THE SHRUB SPECIES REPRESENTED.

LEGEND:

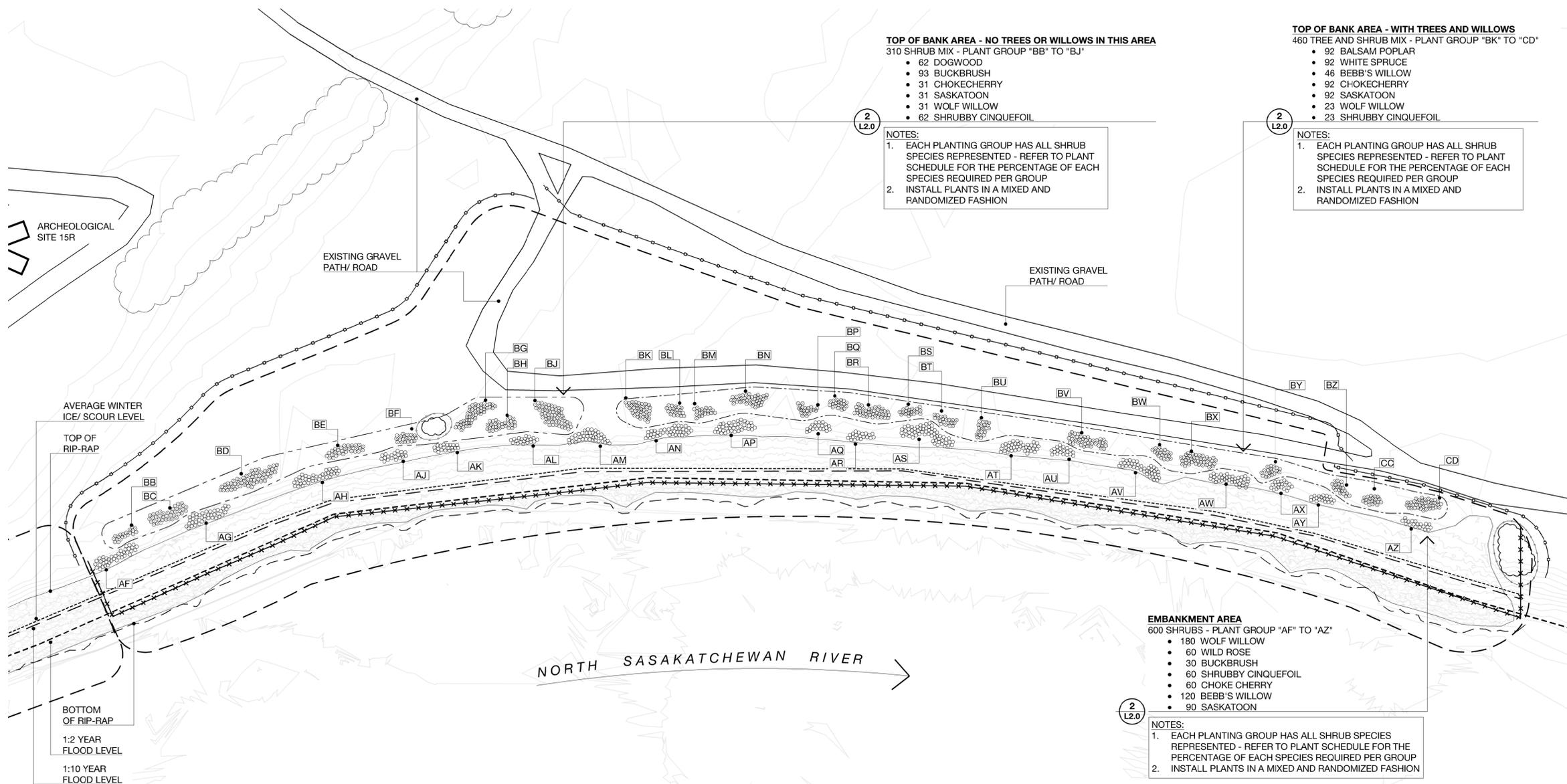


PLANT SCHEDULE (FOR L1.3)

TOTAL QTY	% PER GROUP	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES, SHRUBS, PERENNIALS AND LIVE STAKES					
EMBANKMENT AREA: 600 TOTAL PLANTS					
180	30%	<i>Elaeagnus commutata</i>	Wolf Willow	1 gal.	Container
60	10%	<i>Rosa woodsii</i>	Wild Rose	1 gal.	Container
30	5%	<i>Symphoricarpos occidentalis</i>	Buckbrush	1 gal.	Container
60	10%	<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	1 gal.	Container
60	10%	<i>Prunus virginiana</i>	Western Chokecherry	1 gal.	Container
120	20%	<i>Salix bebbiana</i>	Bebb's Willow	1 gal.	Container
90	15%	<i>Amelanchier alnifolia</i>	Saskatoon	1 gal.	Container
TOP OF BANK AREA - WITH TREES AND WILLOWS: 460 TOTAL PLANTS					
92	20%	<i>Populus balsamifera</i>	Balsam Poplar	2 gal.	Container
92	20%	<i>Picea glauca</i>	White Spruce	2 gal.	Container
46	10%	<i>Salix bebbiana</i>	Bebb's Willow	1 gal.	Container
92	20%	<i>Prunus virginiana</i>	Western Chokecherry	1 gal.	Container
92	20%	<i>Amelanchier alnifolia</i>	Saskatoon	2 gal.	Container
23	5%	<i>Elaeagnus commutata</i>	Wolf Willow	1 gal.	Container
23	5%	<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	1 gal.	Container
TOP OF BANK AREA - NO TREES OR WILLOWS: 310 TOTAL PLANTS					
62	20%	<i>Cornus stolonifera</i>	Dogwood	1 gal.	Container
93	30%	<i>Symphoricarpos occidentalis</i>	Buckbrush	1 gal.	Container
31	10%	<i>Prunus virginiana</i>	Western Chokecherry	1 gal.	Container
31	10%	<i>Amelanchier alnifolia</i>	Saskatoon	2 gal.	Container
31	10%	<i>Elaeagnus commutata</i>	Wolf Willow	1 gal.	Container
62	20%	<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	1 gal.	Container

NOTES:

- ALL DRAWINGS ARE PROPERTY OF THE LANDSCAPE ARCHITECT.
- THIS DESIGN AND DRAWING MAY NOT BE REPRODUCED WITHOUT PERMISSION OF THE LANDSCAPE ARCHITECT.
- DO NOT SCALE DRAWINGS.
- ALL DRAWINGS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.



1 NORTHEAST SEGMENT ENLARGEMENT PLAN - EMBANKMENT AND TOP OF BANK PLANTING
L1.3 1:400

No.	Date	Revision	By	App.
2	2019-04-01	TENDER		
1	2019-03-11	66% REVIEW		

PARKS CANADA AGENCY

Tim McCreesh

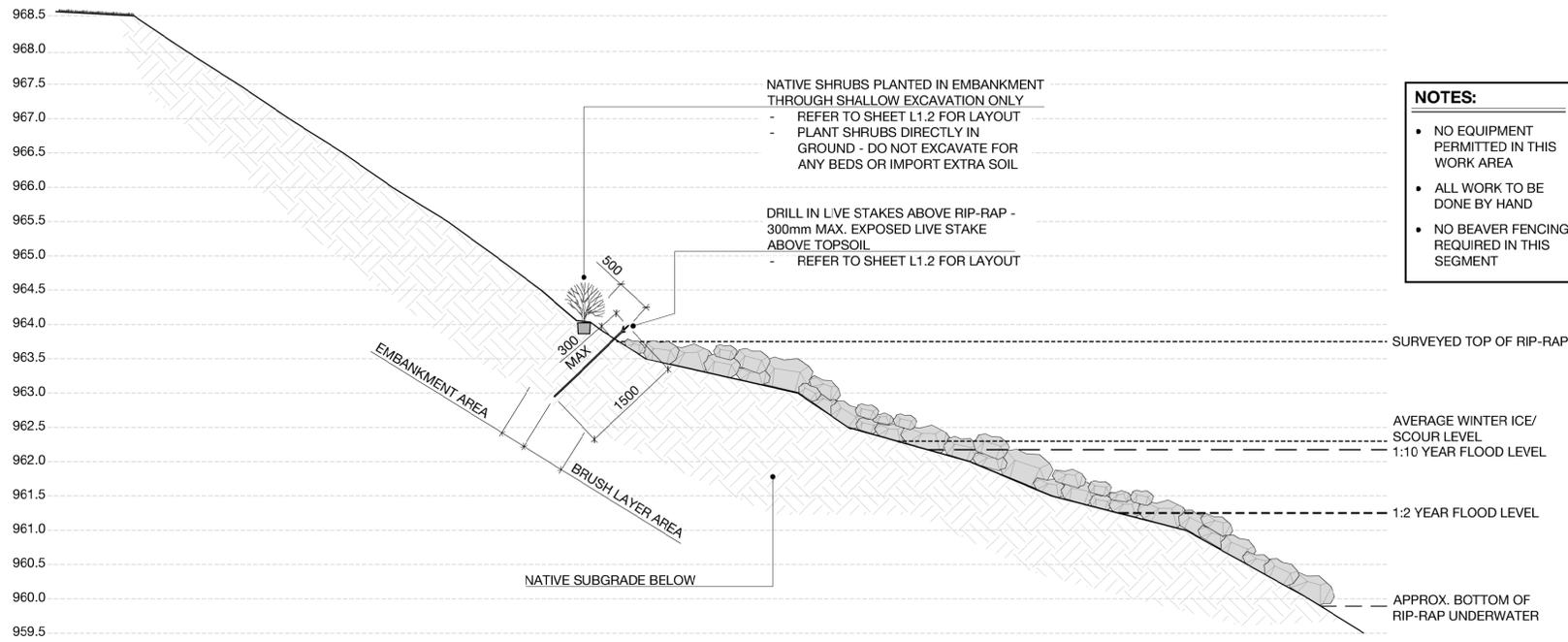
CARSON + McCULLOCH ASSOCIATES LTD.
TANNAS CONSERVATION SERVICES LTD.

Project
ROCKY MOUNTAIN HOUSE BANK RE-VEGETATION

Drawing
PLANTING PLAN EMBANKMENT AND TOP OF BANK AREAS

Drawn	AL	Approved	TMC
Checked	AL	Job Number	5001
Date	FEB.28, 2019	Sheet	
Scale	1:1000		

L1.3

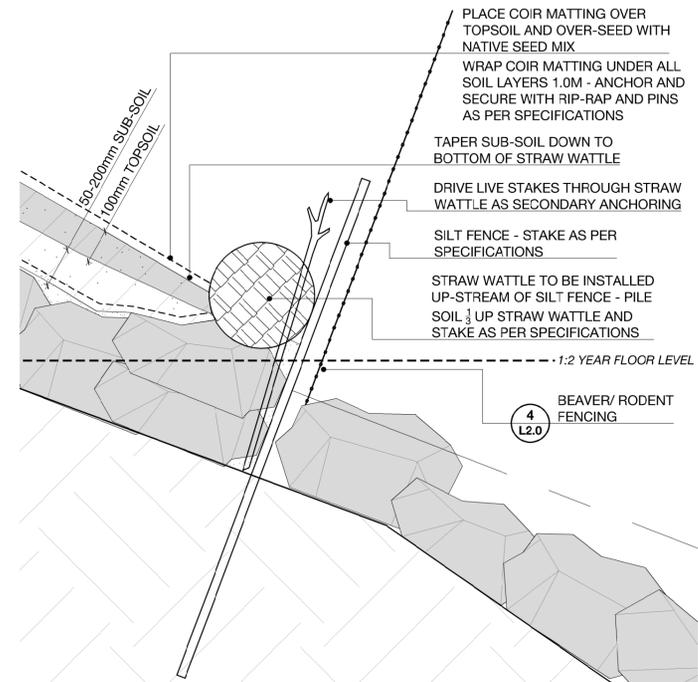


1 **SOUTHWEST SEGMENT - SECTION**
L2.0 1:50

- NOTES:**
- NO EQUIPMENT PERMITTED IN THIS WORK AREA
 - ALL WORK TO BE DONE BY HAND
 - NO BEAVER FENCING REQUIRED IN THIS SEGMENT

NATIVE SHRUBS PLANTED IN EMBANKMENT THROUGH SHALLOW EXCAVATION ONLY
- REFER TO SHEET L1.2 FOR LAYOUT
- PLANT SHRUBS DIRECTLY IN GROUND - DO NOT EXCAVATE FOR ANY BEDS OR IMPORT EXTRA SOIL

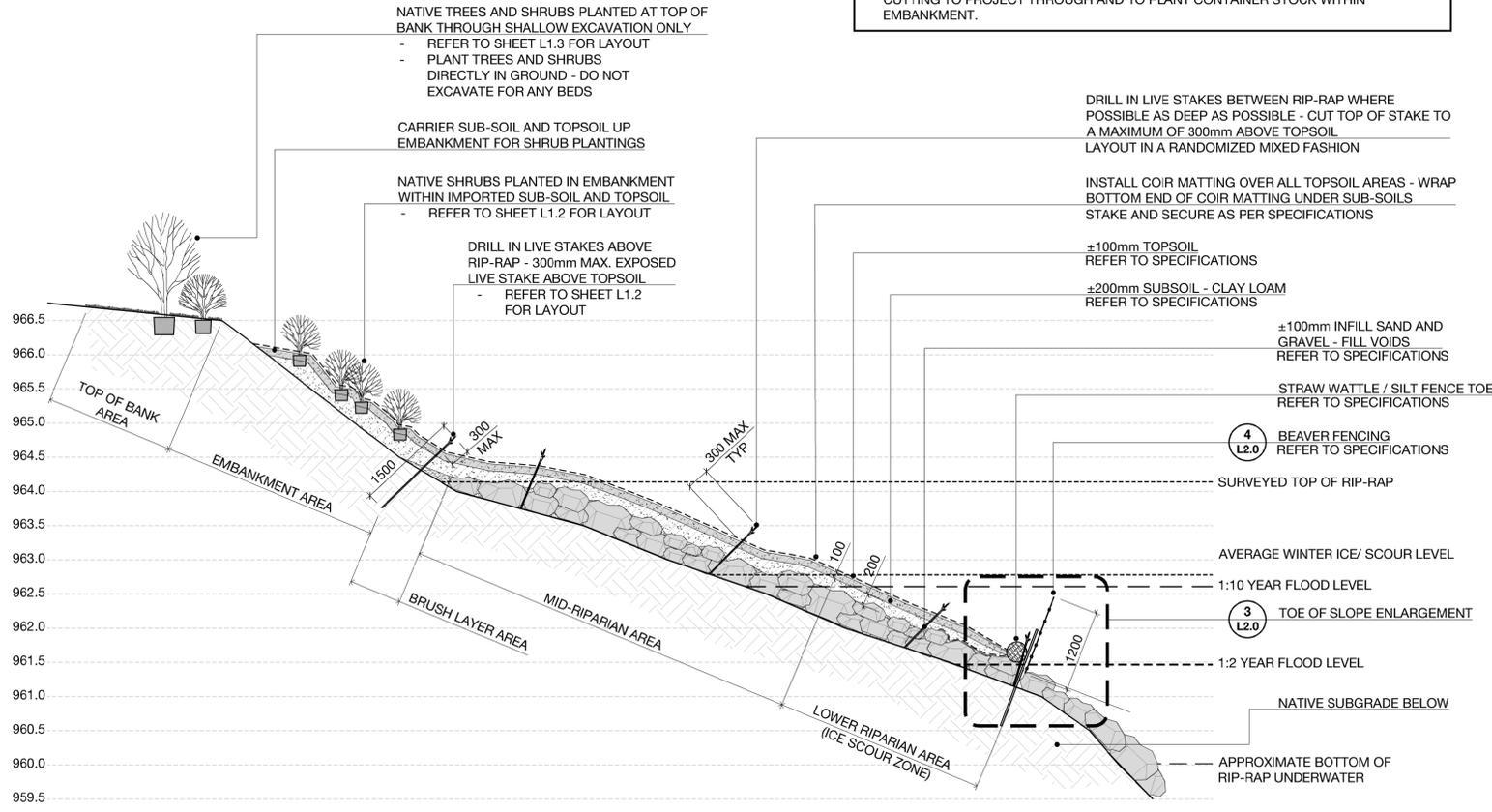
DRILL IN LIVE STAKES ABOVE RIP-RAP - 300mm MAX. EXPOSED LIVE STAKE ABOVE TOPSOIL
- REFER TO SHEET L1.2 FOR LAYOUT



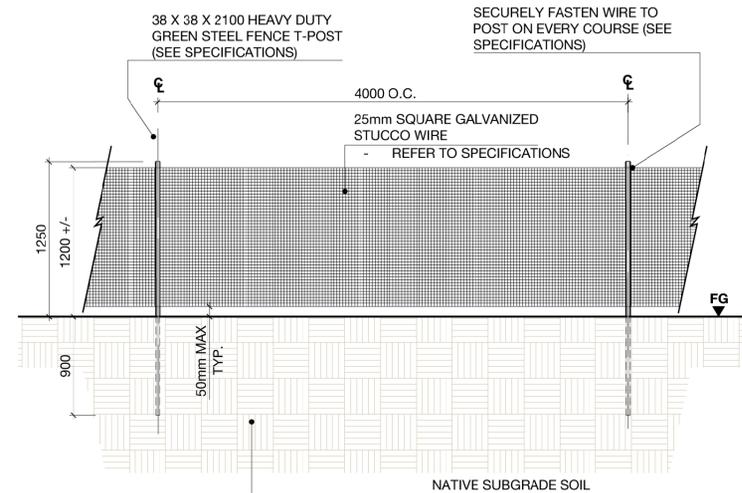
3 **TOE OF SLOPE ENLARGEMENT**
L2.0 1:10 (NORTH SEGMENT ONLY)

- BEAVER PROTECTION FENCING NOTES:**
- BEAVER FENCING TO RUN THE FULL LENGTH OF RIP-RAP AS INDICATED ON LAYOUT - SHEET L1.2.
 - BEAVER FENCING TO BE INSTALLED DOWN-STREAM OF SILT FENCE.
 - WRAP BEAVER FENCING UP THE RIP-RAP AND EMBANKMENT AREA TO CONTAIN PLANTINGS AS INDICATED ON DRAWINGS.
 - OVERLAP ENDS OF WIRE MESH AND SECURELY TIE TOGETHER.
 - ALL T-BAR POSTS TO BE INSTALLED STRAIGHT AND PLUMB.

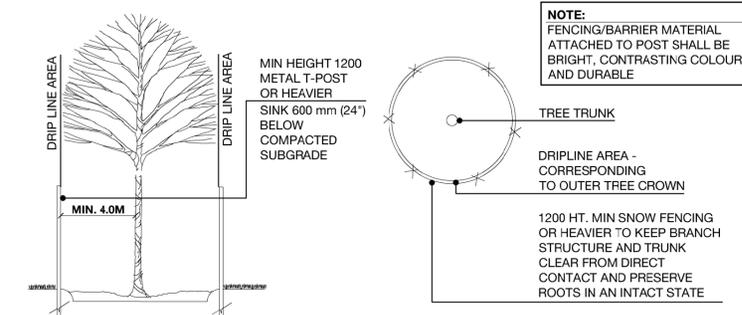
- PLANTING NOTES FOR LIVE STAKES IN RIP-RAP:**
- LIVE STAKES TO BE DRILLED INTO RIP-RAP WHERE POSSIBLE IMMEDIATELY BEFORE INFILL SAND AND GRAVEL IS PLACED.
 - INFILL SAND AND GRAVEL TO FILL VOIDS IN RIP-RAP AND TO COVER PORTION OF LIVES STAKES WITHIN RIP-RAP.
 - DO NOT LEAVE LIVE STAKES IN RIP-RAP WITHOUT SAND AND GRAVEL INFILL FOR MORE THAN 10 HOURS OR STAKES WILL DESICCATE.
 - PLACE SUB-SOIL AND TOPSOIL AS INDICATED AND BROADCAST SEED AS PER SPECIFICATIONS.
 - PLACE COIR MATTING OVER ENTIRE TOPSOIL AREA CUTTING HOLES TO ALLOW LIVE CUTTING TO PROJECT THROUGH AND TO PLANT CONTAINER STOCK WITHIN EMBANKMENT.



2 **NORTHEAST SEGMENT - SECTION**
L2.0 1:50



4 **BEAVER PROTECTION FENCING**
L2.0 1:30 (NORTH SEGMENT ONLY)

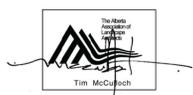


5 **TREE PROTECTION FENCING**
L2.0 1:25

- NOTES:**
1. ALL DRAWINGS ARE PROPERTY OF THE LANDSCAPE ARCHITECT.
 2. THIS DESIGN AND DRAWING MAY NOT BE REPRODUCED WITHOUT PERMISSION OF THE LANDSCAPE ARCHITECT.
 3. DO NOT SCALE DRAWINGS.
 4. ALL DRAWINGS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

No.	Date	Revision	By	App.
2	2019-04-01	TENDER		
1	2019-03-11	66% REVIEW		
No.	Date	Issued for		

PARKS CANADA AGENCY



Project
ROCKY MOUNTAIN HOUSE BANK RE-VEGETATION

Drawing
SECTIONS AND DETAILS

Drawn	AL	Approved	TMC
Checked	AL	Job Number	5001
Date	FEB.28, 2019	Sheet	
Scale	AS NOTED		L2.0