N

5 0 5 10m

SCALE 1:250

EMERALD BAY
WATERTON
LAKE

UPPER
WATERTON
LAKE

PARKING
LOT

BAYSHORE
INN

(3) Pc

CONTRACTOR TO REHABILITATE ALL DISTURBED TURF

(7) Jc
(10) Pfr
(3) Pg
(8) Pfr
(5) Jc
(3) Pc
(1) Pb
(3) Pg
(3) Pg
(1) Pf
(2) Pf
(3) Pb
(6) Jc
(24) Pf
(17) Jc
(3) Pt
(3) Pg
(2) Pf
(1) Pf
(3) Pf
(1) Pb
(2) Pb
(2) Pf
(2) Pf
(1) Pb
MIN. 2.0m

11 L10 ROOT BARRIER, TYP

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	CAL
	Pb	8	Populus balsamifera / Balsam Poplar	40mm CAL.
	Pc	6	Pinus contorta latifolia / Lodgepole Pine	2.0m HT.
	Pg	12	Picea glauca / White Spruce	2.0m HT.
	Pt	14	Populus tremuloides / Quaking Aspen	#15 pots
		3	Populus tremuloides / Quaking Aspen	40mm CAL.
		7	Populus tremuloides / Quaking Aspen	60mm CAL.

GROUND COVERS	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT
	Jc	35	Juniperus communis / Common Juniper	#2
	Pf	24	Potentilla fruticosa `Abbotswood` / Abbotswood Potentilla	#2
	Pfr	18	Potentilla fruticosa Red Robin / Red Robin Potentilla	#2

SOD/SEED	CODE	QTY	BOTANICAL NAME / COMMON NAME
		555 m²	FESCUE SOD 25% AUDUBON (CREEPING RED FESCUE) 25% MX 86 (SHEEP FESCUE) 25% MARCO POLO (SHEEP FESCUE) 25% ECOSTAR (HARD FESCUE) INSTALLED AS PER MANUFACTURERS SPECIFICATIONS. MIN. 150mm TOP SOIL. SUPPLIER: EAGLE LAKE (OR APPROVED EQUIVALENTS) CALGARY, AB 403-262-5600

TREE NOTES:
1. PRUNE AWAY ANY GIRDLING ROOTS.

2. PRUNE BROKEN AND FRAYED ROOT ENDS WITH SECATEURS.

3. HOLD TRUNK VERTICAL. BACKFILL AROUND ROOTS WITH TOPSOIL, CONTINUOUSLY PACKING THE SOIL UNTIL FIRM.

4. TREE SHOULD BE PLANTED THE SAME ORIGINAL GROWING DEPTH AS IN NURSERY. TRUNK FLARE SHOULD BE VISIBLE AT GRADE.

5. IF TREE IS IN A WIRE BASKET, CUT AND REMOVE STRAPPING AND THE HORIZONTAL/VERTICAL WIRES OF THE UPPER $\frac{1}{3}$ AS A MINIMUM. PULL BACK BURLAP TO THE SAME MINIMUM.

6. T-BARS SHOULD BE HAMMERED DOWN INTO SOLID FOOTING (MINIMUM 400mm INTO SUBSOIL).

7. STAKING TO BE IN PLACE FOR A MAXIMUM OF ONE YEAR, WHEN REQUIRED.

8. USE RUBBER STRAPS (TO PROTECT THE TREE) AT POINT OF CONTACT WITH TRUNK.

9. PRUNE DEAD / DYING / DISEASED BRANCHES TO MAINTAIN NATURAL FORM OF TREE

10. ALL DIMENSIONS IN mm.

SHRUB NOTES:
1. LOOSEN ROOTBALL FROM POT/CONTAINER

2. CHECK FOR GIRDLING ROOTS. ANY GIRDLING ROOTS SHOULD BE PRUNED TO PREVENT FUTURE GIRDLING

3. THIS DETAIL WILL BE USED FOR ALL CONTAINERIZED DECIDUOUS OR CONIFEROUS SHRUBS PLANT SHRUB AT ORIGINAL DEPTH AS GROWN IN NURSERY. ROOT FLARE SHOULD BE VISIBLE AT GRADE

4. ALL DIMENSIONS IN mm.

1/2 SPACING
SPACING (AS PER PLANTING PLANS)
GRADE
0.60m
75mm APPROVED MULCH, STARTING 50mm FROM TRUNK FLARE EXTENDING TO LIMIT OF SHRUB PIT / BED
SCARIFY PIT BOTTOM & SIDES

SHRUB BED

FINISHED GRADE
0.60m
200mm
PRUNE DEAD, DYING AND DISEASED BRANCHES WHILE RETAINING NATURAL PLANT SHAPE
75mm APPROVED MULCH, STARTING 50mm FROM TRUNK FLARE EXTENDING TO LIMIT OF SHRUB PIT / BED
ON SITE LOAM OR IMPORTED LOAM (AS SPECIFIED
SCARIFY PIT BOTTOM & SIDES

SHRUB PIT

1 L7 SHRUB PLANTING

1:40

PLANTING LEGEND

SYMBOL	DESCRIPTION
	Existing deciduous tree to remain
	Existing coniferous tree to remain
	Limit of Construction

PREVAILING WIND
STAKING PLAN: GUYING

PREVAILING WIND
STAKING PLAN: T-BAR

RUBBER STRAP TO PREVENT ANY CONTACT BETWEEN WIRE AND TREE
11 GAUGE GUY WIRE OR APPROVED ALTERNATIVE
USE THREE 1800mm PAINTED T-BARS
75mm APPROVED MULCH, STARTING 50mm FROM TRUNK FLARE EXTENDING TO LIMIT OF TREE PIT / WELL
TRUNK FLARE AT GRADE
0.10m
TOP SOIL, REFER TO TOP SOIL SPEC
SCARIFY SIDES OF TREE PIT
COMPACTED CLAY BELOW ROOTBALL
SUB-SOIL
0.45m
0.75m
0.40m

1 L7 DECIDUOUS TREE PLANTING

1:40

PREVAILING WIND
STAKING PLAN: T-BAR

PREVAILING WIND
STAKING PLAN: GUYING

RUBBER STRAP TO PREVENT ANY CONTACT BETWEEN WIRE AND TREE
11 GAUGE GUY WIRE OR APPROVED ALTERNATIVE
USE THREE 1800mm PAINTED T-BARS (OUTSIDE DRIPLINE)
75mm MULCH, STARTING 50mm FROM TRUNK FLARE EXTENDING TO LIMIT OF TREE PIT / WELL
TRUNK FLARE AT GRADE
FINISHED GRADE
TOPSOIL
SLOPE TOP SOIL FROM ROOT BALL TO EDGE OF HOLE TO FORM WELL
SCARIFY SIDES OF TREE PIT
SUB-SOIL
150mm (MIN.) OF WASHED ROCK BELOW ROOT BALL WHEN PLANTED ON SITE WITH HEAVY SOILS
BURLAP ROOT CONE
450
100
650
400
COMPACTED CLAY BELOW ROOT BALL

2 L7 SOMNIFEROUS TREE PLANTING

Parks Canada Agency / L'Agence Parcs Canada
Western and Northern Region / Ouest et Nord du Canada

PRELIMINARY
NOT FOR CONSTRUCTION

NOTES:

1. THE EXISTENCE, LOCATION AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED BY THE DEPARTMENTAL REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURES AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT, OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS

Stantec

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Eng. Stamp / Sceau de l'ingénieur

Revision	Description	Date
5		
4		
3		
2	Issed for Tender	2016/10/04
1	90% Design Completion	2016/3/16
0	33% Design Completion	2016/02/24

Client

Parks Canada / Parcs Canada

Project title

WATERTON LAKES NATIONAL PARK
INTERNATIONAL PEACE PARK

Drawn by	CM
Designed by	BB/CM
Approved by	RM
PCA Project Manager	MH

Drawing title

PLANTING
PLAN

Project no.	Sheet	Revision
FII 764	L7	2

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2016/10/12 12:11 PM By: McGregor, Laura

ORIGINAL SHEET – D – 22" X 34" (558.8mm X 863.6mm)