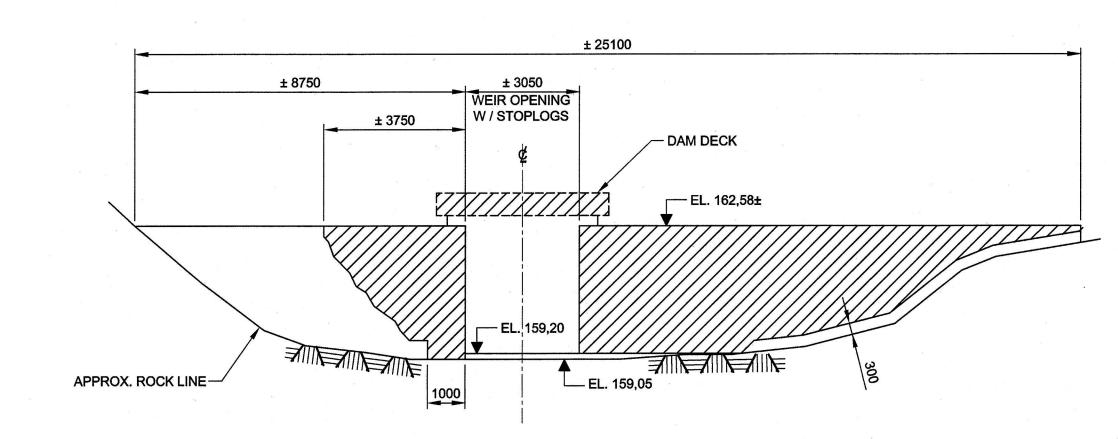
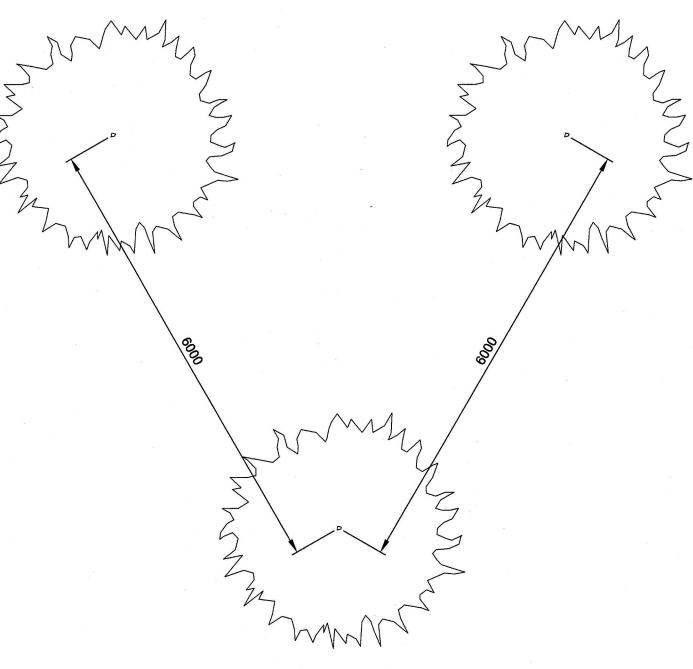


PLAN VIEW - DAM DEMOLITION



SECTION G-G



3000

TREES (DISTANCE STAGGERED)

SPECIES AS PER CHART

SHRUBS (DISTANCE STAGGERED)

SPECIES AS PER CHART

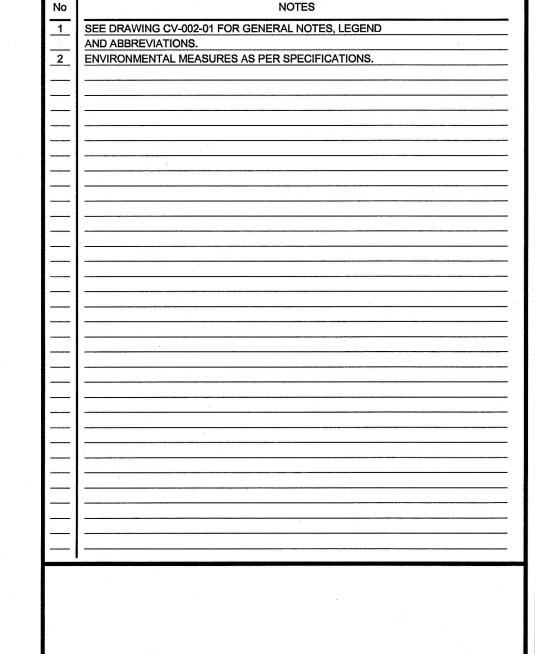
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RECONSTRUCTION OF RIPARIAN HABITAT:

- 1- CUT OR DAMAGED VEGETATION IN RIPARIAN ZONES NEED TO BE REHABILITATED WITH SEEDING AND PLANTATION.
- 2- AS WELL, WHEREVER SOIL WAS DISTURBED, THE CONTRACTOR MUST STABILIZE WITH SEEDING AND PLANTATION.
- 3- SHRUBS AND TREES ARE PLANTED ON DISTURBED SOILS IN RIPARIAN ZONES OF THE RIVER. THE AREAS OCCUPIED BY RIPRAP ARE EXCLUDED FROM PLANTATION. PLANTING SITES SHOULD BE IDENTIFIED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE SUPERVISOR BEFORE CARRYING PLANTING WORK.
- THE CONTRACTOR MUST USE A MINIMUM OF THREE (3) SHRUB SPECIES PRESENTED IN THE TABLE BELOW. SHRUBS SHOULD BE PURCHASED IN CONTAINERS OF ONE GALLON AND/OR SHRUBS WILL HAVE A HEIGHT OF AT LEAST 30-40 CM. THE SHRUBS WILL BE PLANTED IN STAGGERED ROWS, AT A DISTANCE OF 2 METER CENTER TO CENTER.
- THE CONTRACTOR MUST USE A MINIMUM OF THREE (3) TREE SPECIES PRESENTED IN THE TABLE BELOW. TREES HAVE A SIZE OF AROUND 6 CM DIAMETER, 30 CM UP FROM THE GROUND. THE TREES WILL BE PLANTED IN STAGGERED ROWS, AT A DISTANCE OF 5-6 METERS.
- 4- THE CONTRACTOR SHALL ENSURE THAT ANY PERSON UNDER ITS RESPONSIBILITY SHALL TAKE ALL NECESSARY MEASURES TO PROTECT THE ENVIRONMENT, ESPECIALLY THE FOLLOWING:
- i. ENSURE THAT THERE IS NO MATERIALS STORAGE, UNNECESSARY MACHINERY TRAFFIC OR DIGGING IN OR NEAR THE RIVER.
- ii. PRESERVE ALL VEGETATION IN RIPARIAN ZONES THAT DO NOT INTERFERE WITH WORK.
- iii. PROCEED AS QUICKLY AS POSSIBLE AND AS WORK PROGRESSES TO THE RESTORATION OF DISTURBED AREAS.

TREES	
COMMON NAME	LATIN NAME
White Cedar	Thuya occidentalis
Sugar Maple	Acer saccharum
Red Maple	Acer rubrum
Red Oak	Quercus rubra
1 7	
SHRU	BS
COMMON NAME	LATIN NAME
Red Osier Dogwood	Cornus Stolonifera
Canada Fly Honeysuckle	Lonicera Canadensis
Nannyberry	Viburnum lentago
Cranberry Bush	Viburnum trilobum
Riverbank Grape*	Vitis riparia
*to be planted first row, along the lowest portion of the	
bank GROUND	
bank	
bank GROUND	
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ	UIVALENT) AND DISTRIBUTED OVER THE ARE
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ	LATIN NAME Andropogon Gerardii
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem	UIVALENT) AND DISTRIBUTED OVER THE ARE
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass	LATIN NAME Andropogon Gerardii Calamagrostis Canadensis
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge	LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex Iurida
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge Pointed Broom Sedge	LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex Iurida Carex scoparia
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge Pointed Broom Sedge Tufted Hairgrass	LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex Iurida Carex scoparia Deschampsia cespitosa
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge Pointed Broom Sedge Tufted Hairgrass Deer-tongue Grass	LATIN NAME LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex lurida Carex scoparia Deschampsia cespitosa Dichanthelium clandestinum
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge Pointed Broom Sedge Tufted Hairgrass Deer-tongue Grass Canada Wildrye	LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex Iurida Carex scoparia Deschampsia cespitosa Dichanthelium clandestinum Elymus Canadensis
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge Pointed Broom Sedge Tufted Hairgrass Deer-tongue Grass Canada Wildrye Red Fescue	LATIN NAME LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex lurida Carex scoparia Deschampsia cespitosa Dichanthelium clandestinum Elymus Canadensis Festuca rubra
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge Pointed Broom Sedge Tufted Hairgrass Deer-tongue Grass Canada Wildrye Red Fescue Canada mannagrass	LATIN NAME LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex lurida Carex scoparia Deschampsia cespitosa Dichanthelium clandestinum Elymus Canadensis Festuca rubra Glyceria Canadensis
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge Pointed Broom Sedge Tufted Hairgrass Deer-tongue Grass Canada Wildrye Red Fescue Canada mannagrass Soft rush	LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex lurida Carex scoparia Deschampsia cespitosa Dichanthelium clandestinum Elymus Canadensis Festuca rubra Glyceria Canadensis Juncus effuses
GROUND A MIXTURE OF THE FOLLOWING SPECIES (OR EQ COMMON NAME Big Bluestem Bluejoint Reedgrass Sallow Sedge Pointed Broom Sedge Tufted Hairgrass Deer-tongue Grass Canada Wildrye Red Fescue Canada mannagrass Soft rush Old Switch Panicgrass	LATIN NAME Andropogon Gerardii Calamagrostis Canadensis Carex Iurida Carex scoparia Deschampsia cespitosa Dichanthelium clandestinum Elymus Canadensis Festuca rubra Glyceria Canadensis Juncus effuses Panicum virgatum



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BOBS LAKE DAM REPLACEMENT
BOLINGBROKE - ONTARIO

STREAM BED
ENVIRONMENTAL REHABILITATION
DAM DEMOLITION AND RIPARIAN PLANTATION

drawn
I. ZIECIK
checked
J. CARON
date
2017-02-03

designed
Y. BERTON
approved
J. KONCZYNSKI

client project drawing no re

2018-02-21

(11-04) A0 1189 x 841 mm