

Drawing List

General

Project Presentation

- G01 Title Sheet - Location Plan
- G02 Drawing List, General Notes, Abbreviations and Legend
- G03 Existing Conditions - Plan
- G04 Existing Conditions - Sections
- G05 Proposed Arrangement - Plan
- G06 Proposed Arrangement - Sections

Demolition and Excavation

- G10 Demolition and Excavation - Plan
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Construction Sequences and Cofferdams

- G15 Construction Sequences and Cofferdams - Plans
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Steel and Concrete Works

Typical Drawings

- S01 Concrete Repairs - Typical Details

Concrete and Reinforcement

- S10 General Layout - Plan
- S11 Main Spillway - Plan, Sections and Detail
- S12 Main Spillway - Abutment Walls - Plan and Sections
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- S15 Main Spillway - Overshot Gate - Downstream Elevation and Sections

General Notes

1. DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS IN METERS.
2. ALL DIMENSIONS AND ELEVATIONS OF EXISTING STRUCTURES ARE APPROXIMATE AND SHALL BE VERIFIED ON SITE BEFORE CONSTRUCTION.
3. TOPOGRAPHY FROM SURVEY MADE BY CIMA+ ON 2016-11-15
4. COORDINATE SYSTEM : UTM WITH NAD83 DATUM, ZONE 17, METER; CENTRAL MERIDIAN 81D W

- MATERIALS :
- CONCRETE : 30 MPA OR 35 MPA TO CSA A23.1 (SEE SPECIFICATIONS)
 - FILL CONCRETE : 25 MPA TO CSA A23.1
 - STEEL REINFORCEMENT : FY = 400 MPA TO CSA A23.3 AND CSA G30.18
 - STRUCTURAL STEEL AND FABRICATED STEEL : FY = 345 MPA TO CSA S16.1 AND CSA G40.21
 - GALVANIZATION : 600G/M² TO CSA G164 WHEN EXPOSED TO OUTSIDE WEATHER OR SUBMERGED.

Abbreviations

±XXX	APPROXIMATE VALUE
APP.	APPROXIMATE
CH.	CHAINAGE/STATION
DIA.	DIAMETER
DS	DOWNSTREAM
DWG	DRAWING
EL.	ELEVATION (IN DRAWINGS)
ELEV.	ELEVATION (IN TEXT)
EST.	ESTIMATED
I.D.F.	INFLOW DESIGN FLOOD
ID	INSIDE DIAMETER
L	LENGTH
l/s	LITER PER SECOND
MAX.W.L.	MAXIMUM WATER LEVEL
MIN.W.L.	MINIMUM WATER LEVEL
N.W.L.	NORMAL WATER LEVEL
m	METER
mm	MILLIMETER
m/s	METER PER SECOND
m ³ /s	CUBIC METER PER SECOND
O/S	OFFSET (- LEFT SIDE, + RIGHT SIDE)
OD	OUTSIDE DIAMETER
R	RADIUS
REF.	REFERENCE
REQ.	REQUIRED
STA.	STATION/CHAINAGE
TYP.	TYPICAL
US	UPSTREAM
VAR.	VARIABLE

Legend

	DIAMETER
	ROCK
	OVERBURDEN / GROUND / BACKFILL
	NEW CONCRETE
	EXISTING CONCRETE
	COMPACTED BACKFILL (CLASS A)
	VOIDS GROUTING
	1.7 SLOPE RUN (HOR.) OVER RISE (VERT.)
	2.5% SLOPE (IN %)
	1.7:1 SLOPE (RUN (HOR.) : RISE (VERT.))
	CENTERLINE
	DETAIL 1 FOUND ON DRAWING G005
	SECTION A FOUND ON DRAWING G005

THIS SCALE TO BE USED TO OBTAIN A SCALE FACTOR FOR MEASURES IF THIS DRAWING IS NOT PRINTED ON A4 SIZE PAPER. MEASURES OBTAINED FROM SCALING ARE APPROXIMATE AND TO BE USED FOR INFORMATION ONLY.

Fichier: Z:\Cima-200\Structures\ENR\ENR\A00492F - Nouvelle Dam Rehabilitation\Conception\A00_Planet_in_progress
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Client: Fisheries and Oceans / Pêches et Océans Canada

Project title: **Nicolston Dam Rehabilitation**

Drawing title: **Drawing List, General Notes, Abbreviations and Legend**

Project number: **A000492F**

Designed by: **C.G.-Pagé, P.Eng.**

Drawn by: **A.Guérin-H., Tech.**

Verified by: **M.Grignon, P.Eng.**

Revision: **A**

Drawing N°: **G02**