

CHANNEL AND INLET DREDGE PLAN

SCALE : 1:500

CHANNEL SURVEY NOTES

SURVEY PARTY CHIEF DARRYL GREEN
SURVEY VESSEL: SCOTIA SURVEYOR
SURVEY DATE(S) JULY 15, 2015

SOUNDER TYPE: ROSS SWEEP SYSTEM
 SOUNDER SETTING INST. VEL. OF SOUND 1498
 DEPTH GATE USED N/A FRE. OF TRANS. 190-210KHZ
 POSITIONING SYSTEM USED TRIMBLE 5700 DGPS (RTK)

RAW DATA FILE(S): PTG196MX.ZIP
CAD DRAWING FILE(S): PTG196A-ENTRANCE.DWG

TIDAL REDUCTION SCHEME PWC TBM, TOP OF CONC. DECK, ELEV. 2.83m ABOVE C.D.
REFERENCED TO CHS BM 3-1967, PETIT DE GRAT 5.538m ABOVE C.D.

OFFICE PROCESSOR STEPHANIE DUFFY
DATE OF PROCESSING AUGUST 14, 2015

MODE OF PLOTTING AVERAGE (SEE NOTE 3. BELOW)
MATRIX CELL WIDTH X LENGTH 1.2m X 3.0m

CONTROL POINTS: UTM NAD83 (ZONE 20)					
PL. NAME	EASTING	NORTHING	CD	ELEV	DESCRIPTION
2762	659554.097	5041243.527		N/A	LRIS CONTROL
2761	659075.507	5041384.652		N/A	LRIS CONTROL
J-1967	N/A	N/A		5.538	CHS MONUMENT
PT. A	659234.732	5041284.707		2.816	PWGSC CONTROL
PT. B	659280.859	5041238.287		2.680	PWGSC CONTROL
PT. C	659328.486	5041326.401		2.999	PWGSC CONTROL
PT. 2009N9515	N/A	N/A		2.952	CHS MONUMENT

ALL VERTICAL CONTROL WAS RE-ESTABLISHED BY PWGSC AND REFERENCED TO THE NEW CHS BENCHMARK 2009N9515 (ELEV. +2.952m ABOVE CHART DATUM) ON JUNE 11, 2012 BY LEVELLING. ALL PREVIOUSLY USED CHS BENCHMARKS WERE DESTROYED. ALL PWGSC HISTORICAL SURVEYS WERE USING A DATUM OF APPROXIMATELY 12 CENTIMETERS HIGHER WHEN COMPARED WITH THE NEWLY ESTABLISHED CHS BENCHMARKS IN 2010.

INLET SURVEY NOTES

SURVEY PARTY CHIEF: DARRYL GREEN
SURVEY VESSEL: SCOTIA SURVEYOR
SURVEY DATE(S): JANUARY 20, 2016

SOUNDER TYPE: ROSS SWEEP SYSTEM
SOUNDER SETTING: N/A VEL. OF SOUND: 1447
DEPTH GATE USED: N/A FRE. OF TRANS.: 190-210KHZ
POSITIONING SYSTEM USED: TRIMBLE 5700 DGPS (RTK)

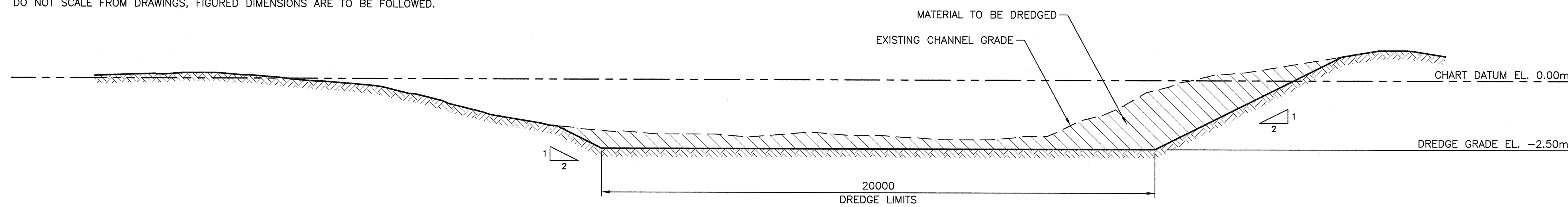
RAW DATA FILE(S): PTG020MX.ZIP
CAD DRAWING FILE(S): PTG020A-COMPOSITE.DWG

TIDAL REDUCTION SCHEME: PWC TBM, TOP OF CONC. DECK, ELEV. 2.83m ABOVE C.D.
REFERENCED TO CHS BM 3-1967, PETIT DE GRAT 5.538m ABOVE C.D.

OFFICE PROCESSOR: DAVID MATTHEWS
DATE OF PROCESSING: JANUARY 28, 2016

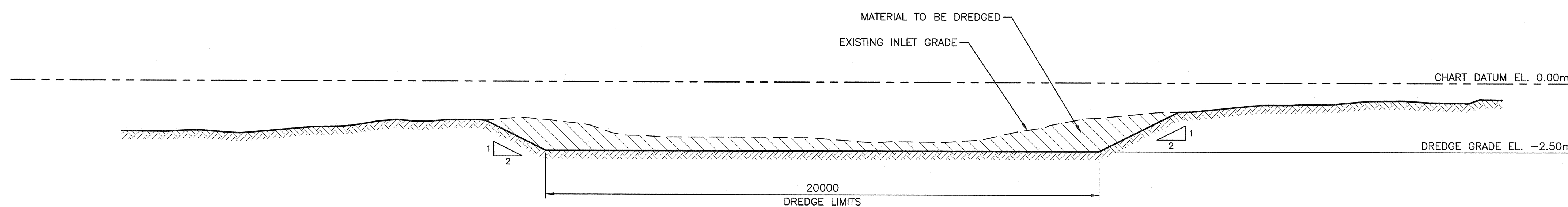
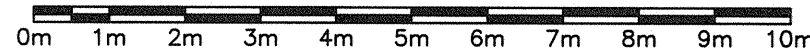
CONTROL POINTS: UTM NAD83 (ZONE 20)					
PT. NAME	EASTING	NORTHING	CD	ELEV	DESCRIPTION
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2761	659075.507	5041384.652		N/A	LRIS CONTROL
3-1967	N/A	N/A		5.338	CHS MONUMENT
PT. A	659234.732	5041284.707		2.816	PWGSC CONTROL
PT. B	659280.859	5041238.287		2.680	PWGSC CONTROL
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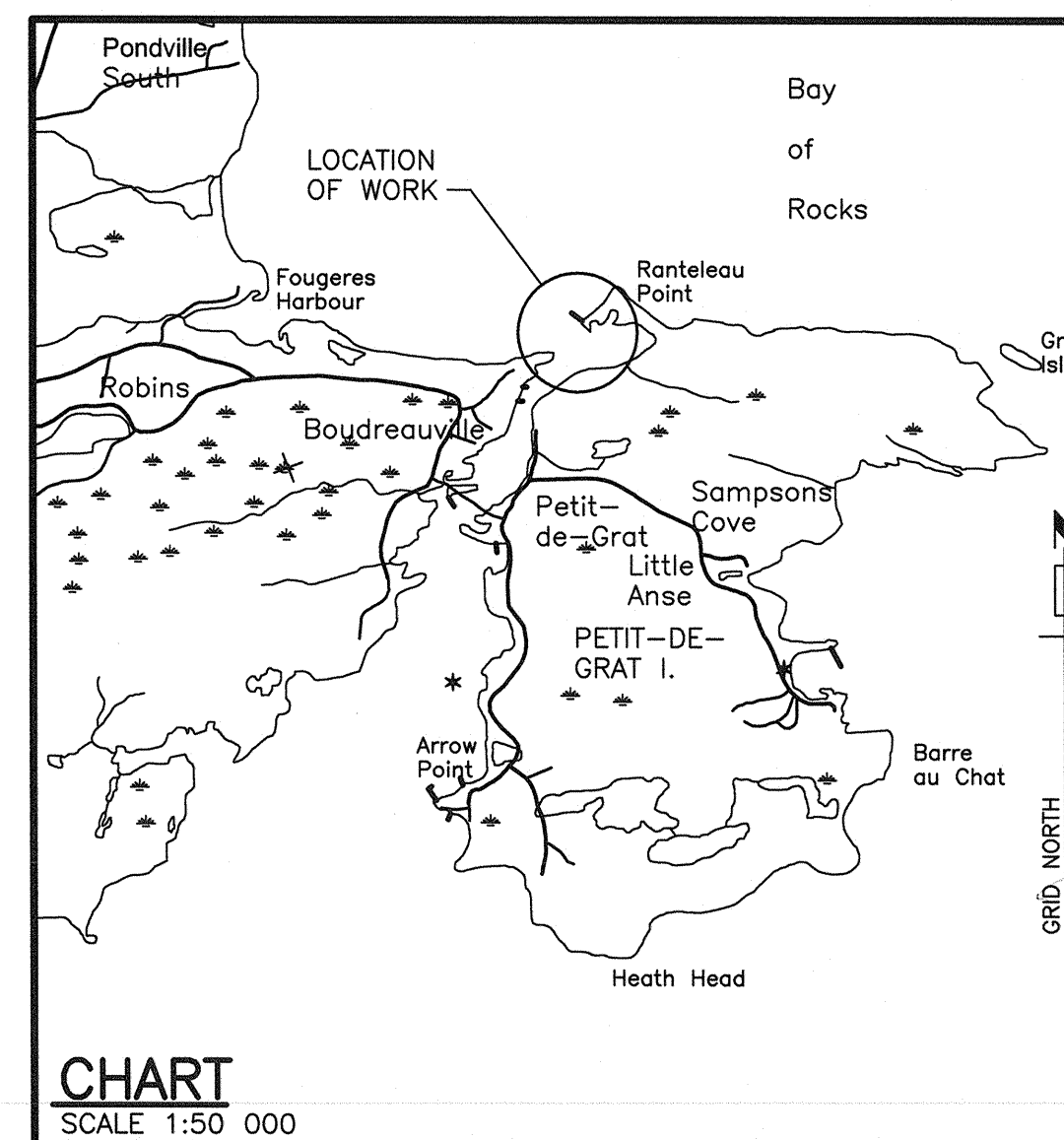
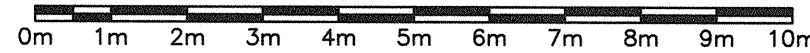
SECTION @ CHANNEL

SCALE : 1:100



SECTION @ INLET

SCALE : 1:100



0	ISSUED FOR TENDER	NOV. 2016
revisions		date
project	project	

CHANNEL AND BASIN
DREDGING
PETIT-DE-GRAT
RICHMOND COUNTY
NOVA SCOTIA

drawing	dessin
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CHANNEL AND INLET DREDGE PLAN AND SECTIONS

designed	ROSALIA GALANTE	conçu
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date NOVEMBER 2016

drawn GEORGE PROSPER dessiné
NOVEMBER 2016

date	NOVEMBER 2010	
approved		approuvé

date Kosmin Yurto

Tender 2 Submission

PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet

R.077417.001

drawing no.	no. du dessin
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SHT 1