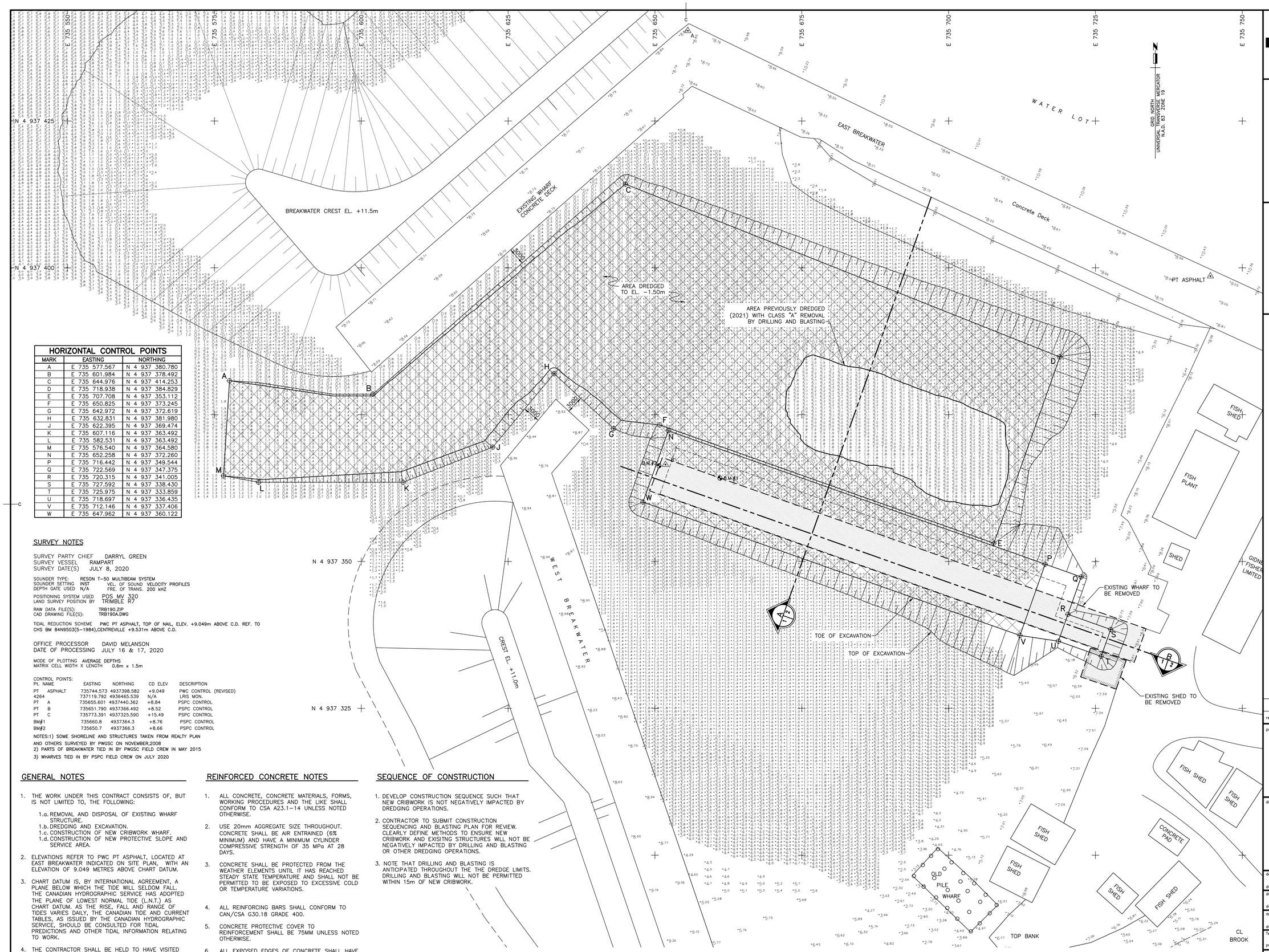

HORIZONTAL CONTROL POINTS		
MARK	EASTING	NORTHING
A	E 735 577.567	N 4 937 380.780
B	E 735 601.984	N 4 937 378.492
C	E 735 644.976	N 4 937 414.253
D	E 735 718.938	N 4 937 384.829
E	E 735 707.708	N 4 937 353.112
F	E 735 650.825	N 4 937 373.245
G	E 735 642.972	N 4 937 372.619
H	E 735 632.831	N 4 937 381.980
J	E 735 622.395	N 4 937 369.474
K	E 735 607.116	N 4 937 363.492
L	E 735 582.531	N 4 937 363.492
M	E 735 576.540	N 4 937 364.580
N	E 735 652.258	N 4 937 372.260
P	E 735 716.442	N 4 937 349.544
Q	E 735 722.569	N 4 937 347.375
R	E 735 720.315	N 4 937 341.005
S	E 735 727.592	N 4 937 338.430
T	E 735 725.975	N 4 937 333.859
U	E 735 718.697	N 4 937 336.435
V	E 735 712.146	N 4 937 337.406
W	E 735 647.962	N 4 937 360.122

SURVEY NOTES

SURVEY PARTY CHIEF DARRYL GREEN
SURVEY VESSEL RAMPART
SURVEY DATE(S) JULY 8, 2020

SOUNDER TYPE: RESON T-50 MULTIBEAM SYSTEM
SOUNDER SETTING INST VEL. OF SOUND VELOCITY PROFILES
DEPTH GATE USED N/A FRE. OF TRANS. 200 kHZ

POSITIONING SYSTEM USED POS MV 320
LAND SURVEY POSITION BY TRIMBLE R7

RAW DATA FILE(S): TRB190.ZIP
CAD DRAWING FILE(S): TRB190A.DWG

TIDAL REDUCTION SCHEME PWC PT ASPHALT, TOP OF NAIL, ELEV. +9.049m ABOVE C.D. REF. TO CHS BM 84N9503(5-1984),CENTREVILLE +9.531m ABOVE C.D.

OFFICE PROCESSOR DAVID MELANSON
DATE OF PROCESSING JULY 16 & 17, 2020

MODE OF PLOTTING AVERAGE DEPTHS
MATRIX CELL WIDTH X LENGTH 0.6m x 1.5m

CONTROL POINTS:

Pt. NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
PT ASPHALT	735744.573	4937398.582	+9.049	PWC CONTROL (REVISED)
4264	737119.792	4936465.539	N/A	LRIS MON.
PT A	735655.601	4937440.362	+8.84	PSPC CONTROL
PT B	735651.790	4937366.492	+8.52	PSPC CONTROL
PT C	735773.391	4937325.590	+15.49	PSPC CONTROL
BM#1	735660.8	4937364.3	+8.76	PSPC CONTROL
BM#2	735650.7	4937366.3	+8.66	PSPC CONTROL

NOTES:1) SOME SHORELINE AND STRUCTURES TAKEN FROM REALTY PLAN AND OTHERS SURVEYED BY PWGSC ON NOVEMBER,2008
2) PARTS OF BREAKWATER TIED IN BY PWGSC FIELD CREW IN MAY 2015
3) WHARVES TIED IN BY PSPC FIELD CREW ON JULY 2020

GENERAL NOTES

1. THE WORK UNDER THIS CONTRACT CONSISTS OF, BUT IS NOT LIMITED TO, THE FOLLOWING:
   1.a. REMOVAL AND DISPOSAL OF EXISTING WHARF STRUCTURE.
   1.b. DREDGING AND EXCAVATION.
   1.c. CONSTRUCTION OF NEW CRIBWORK WHARF.
   1.d. CONSTRUCTION OF NEW PROTECTIVE SLOPE AND SERVICE AREA.
2. ELEVATIONS REFER TO PWC PT ASPHALT, LOCATED AT EAST BREAKWATER INDICATED ON SITE PLAN, WITH AN ELEVATION OF 9.049 METRES ABOVE CHART DATUM.
3. CHART DATUM IS, BY INTERNATIONAL AGREEMENT, A PLANE BELOW WHICH THE TIDE WILL SELDOM FALL. THE CANADIAN HYDROGRAPHIC SERVICE HAS ADOPTED THE PLANE OF LOWEST NORMAL TIDE (L.N.T.) AS CHART DATUM. AS THE RISE, FALL AND RANGE OF TIDES VARIES DAILY, THE CANADIAN TIDE AND CURRENT TABLES, AS ISSUED BY THE CANADIAN HYDROGRAPHIC SERVICE, SHOULD BE CONSULTED FOR TIDAL PREDICTIONS AND OTHER TIDAL INFORMATION RELATING TO WORK.
4. THE CONTRACTOR SHALL BE HELD TO HAVE VISITED THE SITE AND TO HAVE BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO COMMENCING WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE DEPARTMENTAL REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE PLAN BEFORE STARTING WORK.

REINFORCED CONCRETE NOTES

1. ALL CONCRETE, CONCRETE MATERIALS, FORMS, WORKING PROCEDURES AND THE LIKE SHALL CONFORM TO CSA A23.1-14 UNLESS NOTED OTHERWISE.
2. USE 20mm AGGREGATE SIZE THROUGHOUT. CONCRETE SHALL BE AIR ENTRAINED (6% MINIMUM) AND HAVE A MINIMUM CYLINDER COMPRESSIVE STRENGTH OF 35 MPa AT 28 DAYS.
3. CONCRETE SHALL BE PROTECTED FROM THE WEATHER ELEMENTS UNTIL IT HAS REACHED STEADY STATE TEMPERATURE AND SHALL NOT BE PERMITTED TO BE EXPOSED TO EXCESSIVE COLD OR TEMPERATURE VARIATIONS.
4. ALL REINFORCING BARS SHALL CONFORM TO CAN/CSA G30.18 GRADE 400.
5. CONCRETE PROTECTIVE COVER TO REINFORCEMENT SHALL BE 75MM UNLESS NOTED OTHERWISE.
6. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 25x25 CHAMFER UNLESS NOTED OTHERWISE.

SEQUENCE OF CONSTRUCTION

1. DEVELOP CONSTRUCTION SEQUENCE SUCH THAT NEW CRIBWORK IS NOT NEGATIVELY IMPACTED BY DREDGING OPERATIONS.
2. CONTRACTOR TO SUBMIT CONSTRUCTION SEQUENCING AND BLASTING PLAN FOR REVIEW. CLEARLY DEFINE METHODS TO ENSURE NEW CRIBWORK AND EXISITNG STRUCTURES WILL NOT BE NEGATIVELY IMPACTED BY DRILLING AND BLASTING OR OTHER DREDGING OPERATIONS.
3. NOTE THAT DRILLING AND BLASTING IS ANTICIPATED THROUGHOUT THE THE DREDGE LIMITS. DRILLING AND BLASTING WILL NOT BE PERMITTED WITHIN 15m OF NEW CRIBWORK.

PLAN OF EXISTING CONDITIONS AND REMOVALS

SCALE : 1:250

0m 5m 10m 15m 20m 25m

0 10 20mm 40 60 80 100 120 140 160 180 200mm

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

revisions		date
0	ISSUED FOR TENDER	MAY 2022

project / projet

SCH WHARF 404, 405, 406 RECONSTRUCTION
CENTREVILLE
DIGBY COUNTY
NOVA SCOTIA

drawing / dessin

PLAN OF EXISTING CONDITIONS AND REMOVALS

designed M. HIMMELMAN / concu
date AUGUST 2021
drawn G. PROSPER / dessine
date AUGUST 2021
approved Himmelman, Matthew / approuvé
date
Digitally signed by: Himmelman, Matthew
DN: CN = Himmelman, Matthew C = CA, O = GC OU = PWGSC TPSGC
Date: 2022.04.21 08:26:28 -03'00'
Tender Simms, Dean / Soumission
Digitally signed by: Simms, Dean
DN: CN = Simms, Dean C = CA O = GC OU = PWGSC
Date: 2022.04.26 10:04:35 -03'00'
PWGSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet
R.116062.001

drawing no. / no. du dessin
SHT 1 OF 8

PWGSC B1 (2004)

E-DRM/GDD-E: 553407