

SURVEY NOTES

SURVEY PARTY CHIEF DARRYL GREEN
SURVEY VESSEL SCOTIA SURVEYOR
SURVEY DATE(S) JULY 18, 2019

SOUNDER TYPE: ROSS SWEEP SYSTEM
SOUNDER SETTING INST VEL. OF SOUND 1515 m/s
DEPTH GATE USED N/A FRE. OF TRANS. 190-210 KHZ

POSITIONING SYSTEM USED TRIMBLE 5700
LAND SURVEY POSITION BY TRIMBLE 5700

RAW DATA FILE(S): PKY199MX.ZIP
CAD DRAWING FILE(S): PKY199A.DWG

TIDAL REDUCTION SCHEME PWC TBM1 ELEV. 6.11m ABOVE C.D. REF. TO
CHS BM 7-1985, 6.385m ABOVE C.D.

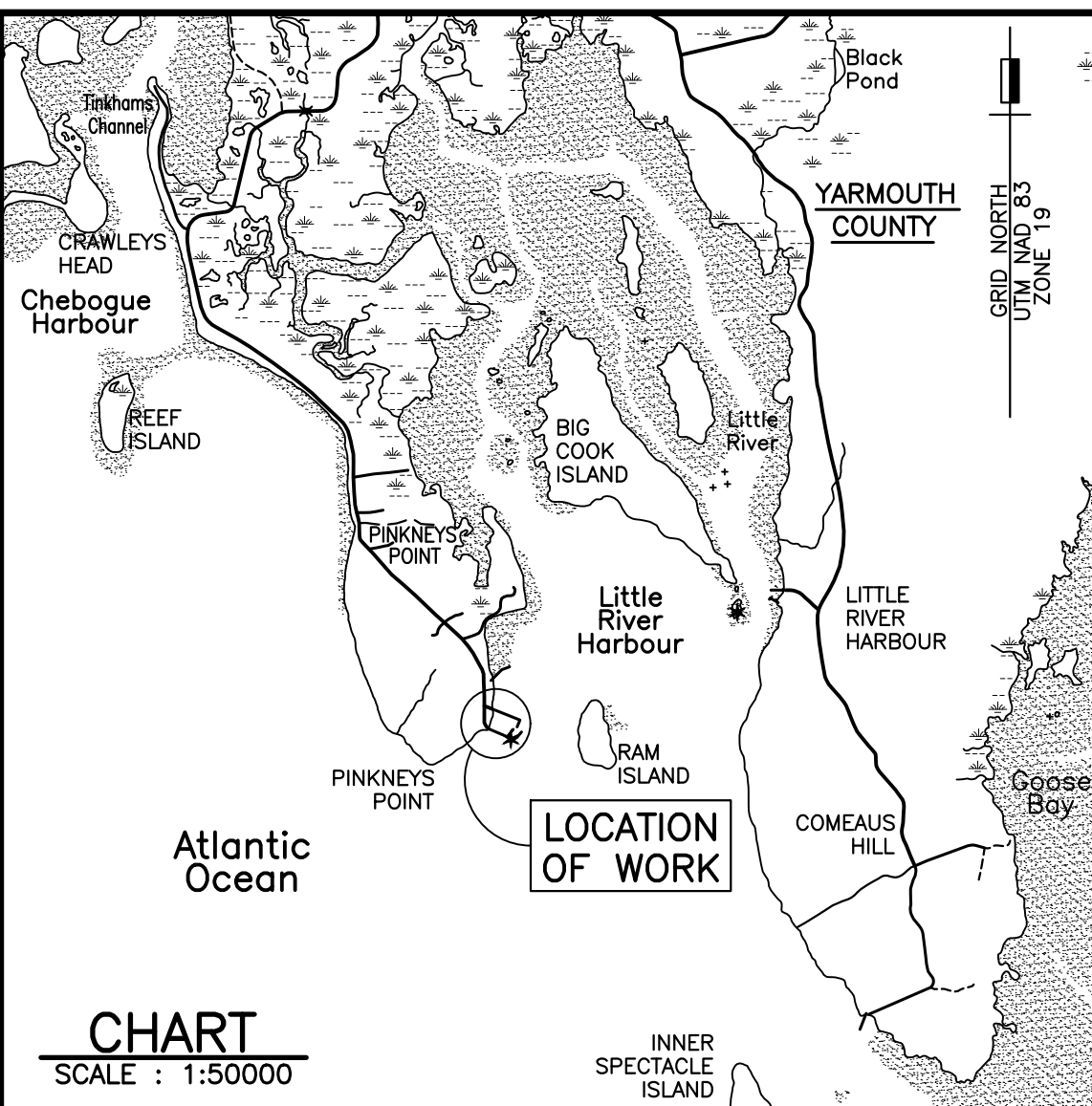
OFFICE PROCESSOR ELIZABETH VAN NULAND
DATE OF PROCESSING JULY 31, 2019

MODE OF PLOTTING AVERAGE DEPTHS
MATRIX CELL WIDTH X LENGTH 1.2m X 3.0m

CONTROL POINTS: UTM NAD83 ZONE 19				
PL. NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
PWC #1	737455.00	4843251.61	5.82m	PWC CONTROL (DRILLED HOLE IN CONCRETE DECK)
PWC #2	737361.39	4843287.95	5.88m	PWC CONTROL (RAILROAD SPIKE IN PAVED DECK)
PWC #3	737294.13	4843249.70	5.25m	PWC CONTROL (NAIL IN WOODEN DECK)
TBM#1	737431.32	4843199.14	6.11m	PWC CONTROL (TOP OF GUARD)
TBM#2	737436.77	4843253.73	6.17m	PWC CONTROL (TOP OF GUARD)
TBM#3	737379.45	4843275.85	6.11m	PWC CONTROL (TOP OF GUARD)
TBM#4	737295.42	4843249.31	5.35m	PWC CONTROL (TOP OF GUARD)
TBM#5	737385.94	4843166.54	6.17m	PWC CONTROL (TOP OF GUARD)
-1985	N/A	N/A	6.385m	CHS BM

GENERAL NOTES

- ELEVATIONS REFER TO BENCHMARK -BM7 CHS 1985 WHERE INDICATED ON PLAN. THE ELEVATION OF THE BENCHMARK WILL BE ESTABLISHED WITH SURVEY PRIOR TO THE START OF WORK.
- GRID NORTH REFERS TO UNIVERSAL TRANSVERSE MERCATOR PROJECTION COORDINATES, NORTH AMERICAN DATUM 1983, ZONE 19.
- 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.
- ALL DIMENSIONS SHOWN ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES. DO NOT SCALE FROM DRAWINGS, FIGURED DIMENSIONS ARE TO BE FOLLOWED.
- 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 ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE PLAN BEFORE COMMENCING WORK. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ASSESS THE SITE FOR SAFETY HAZARDS AND TO SUBMIT A SAFETY PLAN AND HAZARD ASSESSMENT PRIOR TO MOBILIZATION TO THE SITE.
- DREDGE SIDE SLOPES AT 1 VERTICAL TO 1.5 HORIZONTAL.
- NO DREDGING TO BE CARRIED OUT WITHIN 3.0 METRES OF ANY STRUCTURE OR BREAKWATER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO UNDERMINING OF EXISTING STRUCTURES OCCURS DURING DREDGING.
- SHOULD THE CONTRACT PLAN TO DREDGE FROM ANY WHARF STRUCTURE IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE A STRUCTURAL ANALYSIS COMPLETED BY REGISTERED ENGINEERING THE PROVINCE OF NOVA SCOTIA PRIOR TO LOADING ANY STRUCTURE.
- DAMAGE TO THE EXISTING HARBOUR INFRASTRUCTURE THAT OCCURS DURING THIS PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT.
- ALL DREDGE MATERIAL WILL BE DISPOSED ON SITE AT THE ON SITE CONTAINMENT DISPOSAL CELL.



0	ISSUED FOR TENDER	APRIL 2020
revisions		date

project

**PINKNEY'S POINT
DREDGING**

**YARMOUTH COUNTY
NOVA SCOTIA**

drawing

design

EXISTING CONDITIONS

designed S. MacDonald	conçu
date APRIL 2020	
drawn G. PROSPER	dessiné
date APRIL 2020	
approved	approuvé
date	
Tender	Submission
PWOSC Project Manager	Administrateur de projets TPSC
project number	no. du projet
drawing no.	no. du dessin

SHT 1