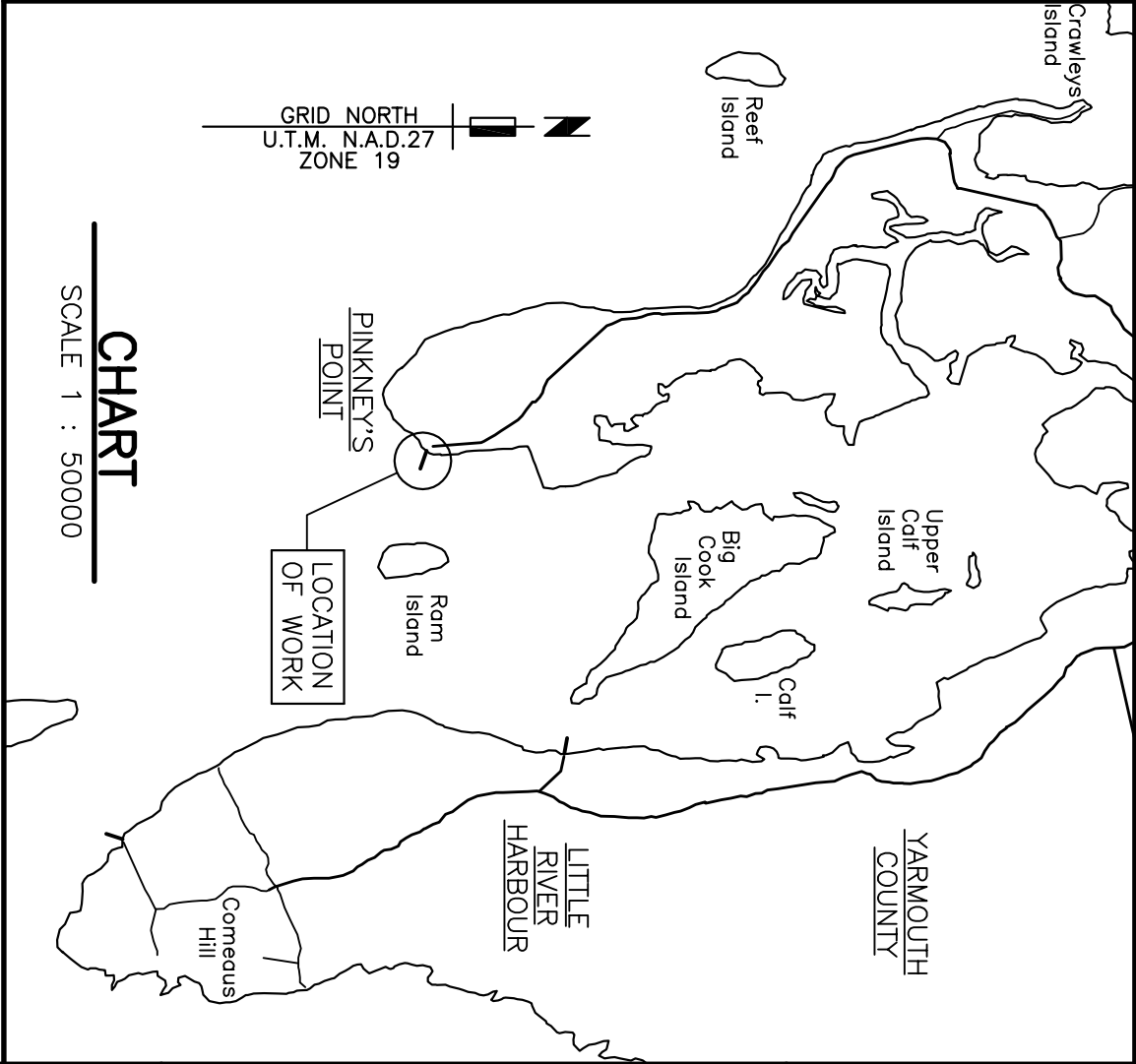
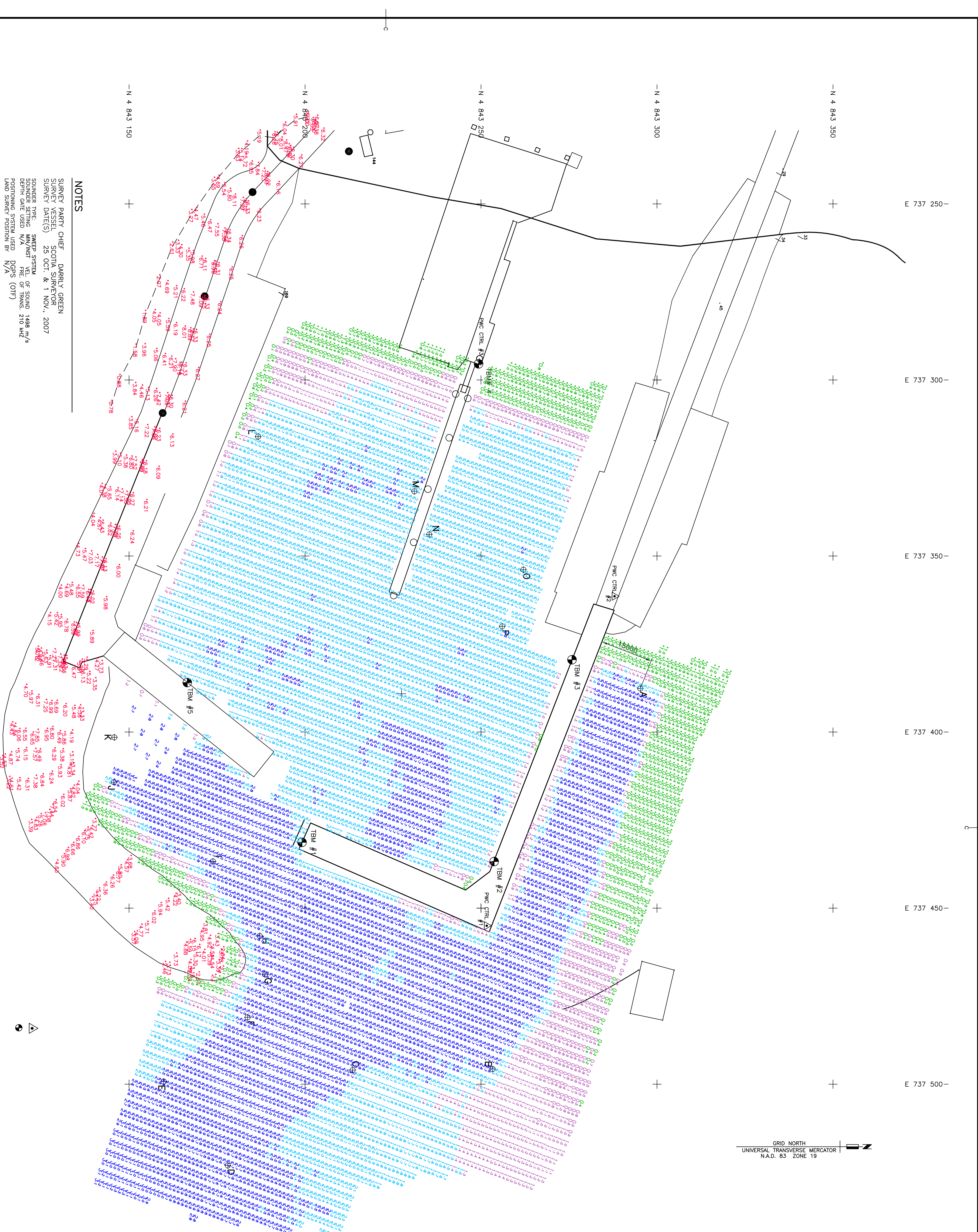

Public Works and Government Services Canada
Basin Dredging
Pinkney's Point SCH
Yarmouth County, N.S.
R.112118.001

APPENDIX D
Historical Post Dredge Surveys



GRID NORTH
UTM NAD 83 ZONE 19
UNIVERSAL TRANSVERSE MERCATOR
N.A.D. 83 ZONE 19



NOTES

SURVEY PARTY CHIEF: DARRYL GREEN
SURVEY VESSEL: SCOTIA SURVEYOR
SURVEY DATE(S): 25 OCT. & 1 NOV., 2007
SOUNDING TYPE: SWEEP SYSTEM OF SOUND 1498 m/s
SOUNDING METHOD: FREQUENCY OF TONE 210 kHz
POSITIONING SYSTEM USED: DGPS (RTT)
LAND SURVEY POSITION BY: N/A
RAW DATA FILE(S): PK2398.DAT & PK2398.KML
CO-ORDINATE SYSTEM: NAD 83
TIDAL REFERENCE SURFACE: PNC TBM ELEV. 6.10m ABOVE C.D. REF. TO
CHS BM 6-1985 5.956m ABOVE C.D.

- N 4 843 100

OFFICE PROCESSOR: DAVID MATTHEWS
DATE OF PROCESSING: NOV. 2, 2007
MODE OF PLOTTING: AVERAGE OF INSTANTANEOUS DEPTHS
MATRIX CELL WIDTH X LENGTH: 1.2m x 3.0m

CONTROL POINTS:
PT. NAME: EXISTING: NORTHING: CO. ELEV.: DESCRIPTION:

1	737455.003	4843251.608	5.84m	PNC CONTROL
2	737381.394	4843287.948	5.80	PNC CONTROL
3	737381.394	4843287.948	5.80	PNC CONTROL
6-1985	N/A	N/A	5.956m	CHS BM
BM#1	737451.316	4843199.136	6.125	PNC CONTROL (TOP OF CURB)
BM#2	737456.788	4843253.727	6.180	PNC CONTROL (TOP OF CURB)
BM#3	737379.453	4843272.580	6.150	PNC CONTROL (TOP OF CURB)
BM#4	737381.394	4843287.948	5.80	PNC CONTROL
BM#5	737385.539	4843186.535	6.200	PNC CONTROL

SITE PLAN

SCALE: 1:5000
0m 10m 20m 30m 40m 50m

DREDGE COORDINATES			
MARK	EASTING	NORTHING	
A	E. 737 387.628	N 4 843 295.277	
B	E. 737 495.984	N 4 843 213.524	
C	E. 737 523.084	N 4 843 178.059	
D	E. 737 489.243	N 4 843 159.848	
E	E. 737 488.603	N 4 843 188.685	
F	E. 737 457.903	N 4 843 187.141	
G	E. 737 456.721	N 4 843 175.831	
H	E. 737 414.228	N 4 843 145.718	
I	E. 737 401.498	N 4 843 145.819	
J	E. 737 316.085	N 4 843 186.665	
K	E. 737 331.623	N 4 843 231.082	
L	E. 737 353.884	N 4 843 235.291	
M	E. 737 353.884	N 4 843 262.035	
N	E. 737 369.973	N 4 843 256.017	
O			
P			

SOUNDING SURVEY
PINKNEY'S POINT
YARMOUTH CO., N.S.

POST DREDGE
AVERAGE OF
INSTANTANEOUS
& TOPO

designed	drawn	checked
DAVID MATTHEWS	DAVID MATTHEWS	DAVID MATTHEWS
date	date	date
02 NOVEMBER 2007	02 NOVEMBER 2007	02 NOVEMBER 2007
approved	approved	approved
DAVID MATTHEWS	DAVID MATTHEWS	DAVID MATTHEWS
date	date	date
02 NOVEMBER 2007	02 NOVEMBER 2007	02 NOVEMBER 2007
Project number	Project number	Project number
737385.539	737385.539	737385.539
drawing no.	drawing no.	drawing no.
1 OF 1	1 OF 1	1 OF 1