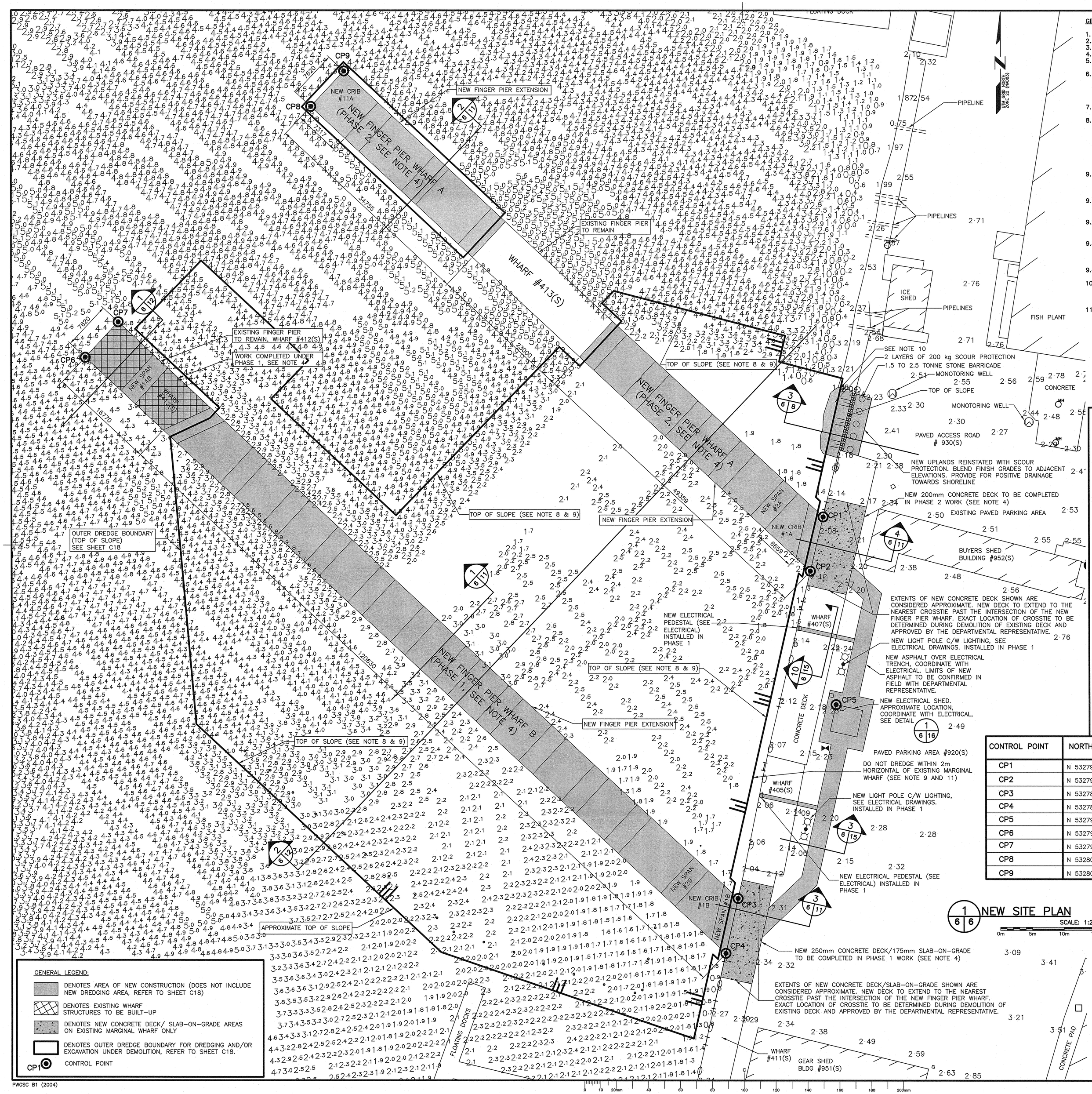

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS SPECIFIED OTHERWISE.
2. ALL ELEVATIONS IN METRES.
3. DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS AS SHOWN.
4. SEE NOTE 11, SHEET C2.
5. SCHEDULING FOR DREDGING WORK TO BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE.
6. CONTRACTOR SHALL EXCAVATE AND DREDGE IN SUCH A MANNER AS TO ENSURE STABILITY OF SIDE SLOPES. ALL DREDGING MEASURE UNDER SECTION 35 20 23 – DREDGING, SHALL BE MEASURED FOR PAYMENT PURPOSES BASED ON DREDGE SLOPES 1.5 HORIZONTAL TO 1 VERTICAL, UNLESS SPECIFICALLY INDICATED OTHERWISE, BASED ON THE OUTER DREDGE BOUNDARIES INDICATED.
7. SCOUR PROTECTION AT BASE OF NEW CRIB AND SPAN LOCATIONS OMITTED FOR CLARITY.
8. THE BOUNDARIES FOR EXCAVATING BOTTOM MATERIAL INCLUDED IN DEMOLITION IS AS SHOWN ON DRAWING SHEET C18 AND DESCRIBED IN THE SPECIFICATION UNDER SECTION 02 41 16 – SITEWORK DEMOLITION & REMOVAL. EXCAVATION SHALL BE COMPLETED TO –4.5m BELOW L.N.T. WITH THE EXCEPTION OF AREAS THAT OVERLAP THE ENLARGED FOOTPRINT OF THE NEW CRIB STRUCTURES FROM CRIB 2A–11A AND CRIBS 2B–14B, WHICH SHALL BE EXCAVATED TO –5.0m BELOW L.N.T. (SEE NOTE 10). OTHER MINOR VARIATIONS IN EXCAVATION DEPTHS ARE DESCRIBED ELSEWHERE. COORDINATE ALL WORK WITH THE DEPARTMENTAL REPRESENTATIVE.
9. THE BOUNDARIES FOR DREDGING WORK ARE SHOWN ON DRAWING SHEET C18 AND DESCRIBED IN THE SPECIFICATION UNDER SECTION 35 20 23 – DREDGING. DREDGING SHALL BE COMPLETED TO –4.5m BELOW L.N.T. WITH THE EXCEPTION OF DREDGING IN THE FOLLOWING AREAS:
   - 9.1 ALL DREDGING WITHIN THE ENLARGED FOOTPRINT OF NEW CRIB STRUCTURES FROM CRIB 2A–11A AND CRIBS 2B–14B, SHALL BE TO –5.0m BELOW L.N.T. (SEE NOTE 10).
   - 9.2 ALL DREDGING WITHIN THE ENLARGED FOOTPRINT OF THE NEW CRIBS 1A AND 1B SHALL BE –3.3m BELOW L.N.T. (SEE DETAIL B SHEET C18 FOR CLARIFICATION AND SEE NOTE 10).
   - 9.3 DREDGING ALONG THE LENGTH OF THE EXISTING MARGINAL IN AREAS OUTSIDE THE ENLARGED FOOTPRINT OF THE NEW WHARF SHALL BE NO LESS THAN 2m HORIZONTAL FROM THE FACE OF THE EXISTING MARGINAL AND DOWN TO –4.5m BELOW L.N.T. AT A STABLE SLOPE MEASURED AS INDICATED IN NOTE 6.
   - 9.4 OTHER MINOR VARIATIONS IN DREDGING DEPTHS ARE DESCRIBED ELSEWHERE. COORDINATE ALL WORK WITH THE DEPARTMENTAL REPRESENTATIVE.
10. THE ENLARGED FOOTPRINT OF THE NEW WHARF INCLUDES THE WHARF FOOTPRINT ALONG WITH AN ADDITIONAL HORIZONTAL DISTANCE OF 1.5m TO THE TOE OF THE DREDGE SLOPE FOR PLACEMENT OF ROCK SCOUR. REFER TO TYPICAL WHARF SECTIONS FOR CLARITY.
11. DO NOT UNDERMINE EXISTING UPLANDS SLOPES DURING EXCAVATION AND DREDGING WORK. ADJUST DREDGING AND EXCAVATION LIMITS IF NECESSARY TO APPROVAL OF DEPARTMENTAL REPRESENTATIVE.

SURVEY NOTES

SURVEY PARTY CHIEF EDDIE BEARNS
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) BETWEEN OCT. 23,2008 – MAY 07,2014

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST VEL OF SOUND 1500 m/s
DEPTH GATE USED N/A FRE. OF TRANS. 210 kHZ

POSITIONING SYSTEM USED ON THE FLY DPGS
LAND SURVEY POSITION BY

DATA TAPE/DISC(S) USED
CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR E.BEARNS
DATE OF PROCESSING MAY 2014

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH
REDUCTION OF MATRIX CELLS

CONTROL POINTS:

PL NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
84G4084	350672.894	5327396.591		PROVINCAL BRASS PLAQUE SET IN BEDROCK
630440	349965.546	5326953.276		PROVINCAL BRASS PLAQUE SET IN BEDROCK
PWC 1–2007	350566.552	5327812.261	+2.240 m	NAIL SET IN CONCRETE DECK
PWC 9801	350490.850	5327828.043	+2.926 m	STEM REMAINING IN CONCRETE DECK
PWC 9802	350563.951	5327780.206	+3.014 m	IRON PIN DRIVEN IN PAVEMENT
PWC 9803	350592.241	5327978.628	+2.178 m	NAIL RAMSET IN CONCRETE DECK
PWC 9904	350500.063	5327987.867	+2.07 m	NAIL RAMSET IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS "BARRY" 6218 ELEV. +2.183 m (BRASS PLAQUE SET IN CONCRETE DECK) ESTABLISHED FROM GEODETIC BM 927391 ELEV.+60.762 m, USING 0.70m AS THE DIFFERENCE BETWEEN GEODETIC & CHART DATUM.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM BETWEEN JULY 23,1998 AND MAY 07,2014.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 21, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).

SOUNDINGS WERE REDUCED BY DIGITRACE & RE–CHECKED FROM SOUNDING CHARTS BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.

SPEED OF SOUND WAS OBTAINED USIND A DIGIBAR–PRO VELOCIMETER. SOUNDINGS WERE REDUCED USING HYPACK MAX VER.4.3.

ALL FIELD NOTES ARE IN OLD PERLICAN BOOK #30"A" & 30"B".

CONTROL POINT	NORTHING/EASTING
CP1	N 5327957.550 / E 350601.404
CP2	N 5327949.024 / E 350599.376
CP3	N 5327897.548 / E 350587.914
CP4	N 5327888.923 / E 350585.991
CP5	N 5327928.050 / E 350603.343
CP6	N 5327982.596 / E 350485.472
CP7	N 5327988.171 / E 350490.667
CP8	N 5328022.049 / E 350521.013
CP9	N 5328027.631 / E 350526.200

SURVEY LEGEND

SYMBOLS

- ACQUACULTURE
- ANCHOR BLOCK
- BOLLARD
- BOREHOLE
- BOUNDARY MARKER
- CARD POSITION BUOY
- CATCH BASIN
- CLEAT
- CULVERT
- DERRICK
- DISPOSAL
- DREDGE CONTROL
- ELECTRICAL OUTLET
- FIRE HYDRANT
- FIRST AID
- FISH HANDLING EQUIP.
- FOG HORN
- FUEL PUMP
- H PILE
- HORIZONTAL CONTROL
- ICE PLANT
- INVERT PIPE
- JIB CRANE
- LADDER
- LIFE RING
- LIGHT STANDARD
- MANHOLE
- MARSH
- MAST/TOWER
- NAVIGATION LIGHT
- OBSERVED BUOY
- OBSERVED SPAR BUOY
- PIPE PILE
- RANGE LIGHT
- SAFETY POST
- SEWER OUTFLOW PIPE
- SIGN
- TELEPHONE
- TELEPHONE POLE
- TIDE GUAGE/STAFF
- TREE
- UTILITY POLE
- VERTICAL CONTROL
- WATER TAP/OUTLET
- WATER VALVE
- WATER WELL
- WOOD PILE

LINETYPE

- ARMOUR STONE
- CL RAILROAD
- DRAIN PIPE
- EDGE ROAD / SHOULDER
- FENCE LINE
- FLOATING WAVEBREAK
- GUARD RAIL
- HIGH WATER MARK
- LOW WATER MARK
- MARSH OUTLINE
- PROPERTY BOUNDARY
- RANGE LIGHT EXTENSION
- RETAINING WALL
- RIPRAP
- TOE OF BANK
- TREE LINE
- UNDERGROUND CABLE

1/6 6 NEW SITE PLAN
SCALE: 1:250
0m 5m 10m 15m 20m 25m

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

STAMP
REGISTERED PROFESSIONAL ENGINEER
PEG Newfoundland and Labrador
LEO M. BENNETT
SIGNATURE
15/03/12
NEWFOUNDLAND & LABRADOR

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG Newfoundland and Labrador
PERMIT HOLDER
This Permit Allows
Meridian Engineering Inc.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No.as issued by PEG N0453
which is valid for the year 2015.

E	ISSUED FOR TENDER	15/03/12
D	ISSUED FOR 100% REVIEW	15/02/03
C	ISSUED FOR 99% REVIEW	14/12/17
B	ISSUED FOR 66% REVIEW	14/11/27
A	ISSUED FOR 33% REVIEW	14/10/30
revisions		date

project / projet
FINGER PIER WHARF RECONSTRUCTION OLD PERLICAN, NL

drawing / dessin
NEW SITE PLAN

designed L. BENNETT / concu
date OCTOBER, 2014
drawn R. SNOW / dessiné
date OCTOBER, 2014
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager 13 March 2015 Administrateur de projets TPSGC
project number / no. du projet
R.075161.001
drawing no. / no. du dessin
C6 OF 18

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E–DRM/GDD–E: 513842