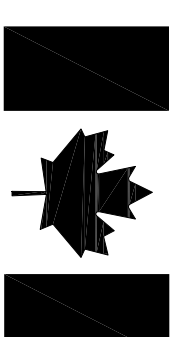


FISHERIES AND OCEANS



Canada

SLIPWAY TOE REPLACEMENT

PUFFIN ISLAND, NL

PROJECT NO.: F6879-159017
ISSUED FOR TENDER

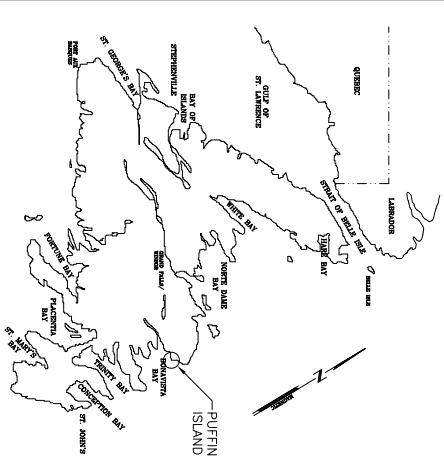
DATE: SEPTEMBER 26, 2015

CLIENT/OWNER:
DEPARTMENT OF FISHERIES & OCEANS,
REAL PROPERTY, SAFETY & SECURITY

PRIME CONSULTANTS:
AFN ENGINEERING INC.

DRAWING LIST:

TITLE	
02F0405F026C1	DEMOLITION PLAN
02F0405F026C2	NEW SITE PLAN



NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL
SURVEY DATES) AUG/12/00
SOUNDING SYSTEM USED
DEPTH DATE USED
POSITIONING SYSTEM USED
DATA INTERFERENCES USED
TIDAL REDUCTION SCHEME

OFFICE PROCESSOR ID BEAKINS
DATE OF PROCESSING MAR/01/2000

MODE OF PLOTTING
PRINTING DATE
PRINTING SCALE
PRINTING UNIT

GRID SYSTEM
GRID DATUM
GRID UNIT
GRID ZONE

POINT NAME
POINT ELEVATION
POINT TYPE
POINT DATE
POINT METHOD
POINT SOURCE

ALL ELEVATIONS IN METERS

ALL DIMENSIONS & ELEVATIONS REFERRED TO MCG 82MS MEAN SEA LEVEL +1984.1 m (MCG DATUM)

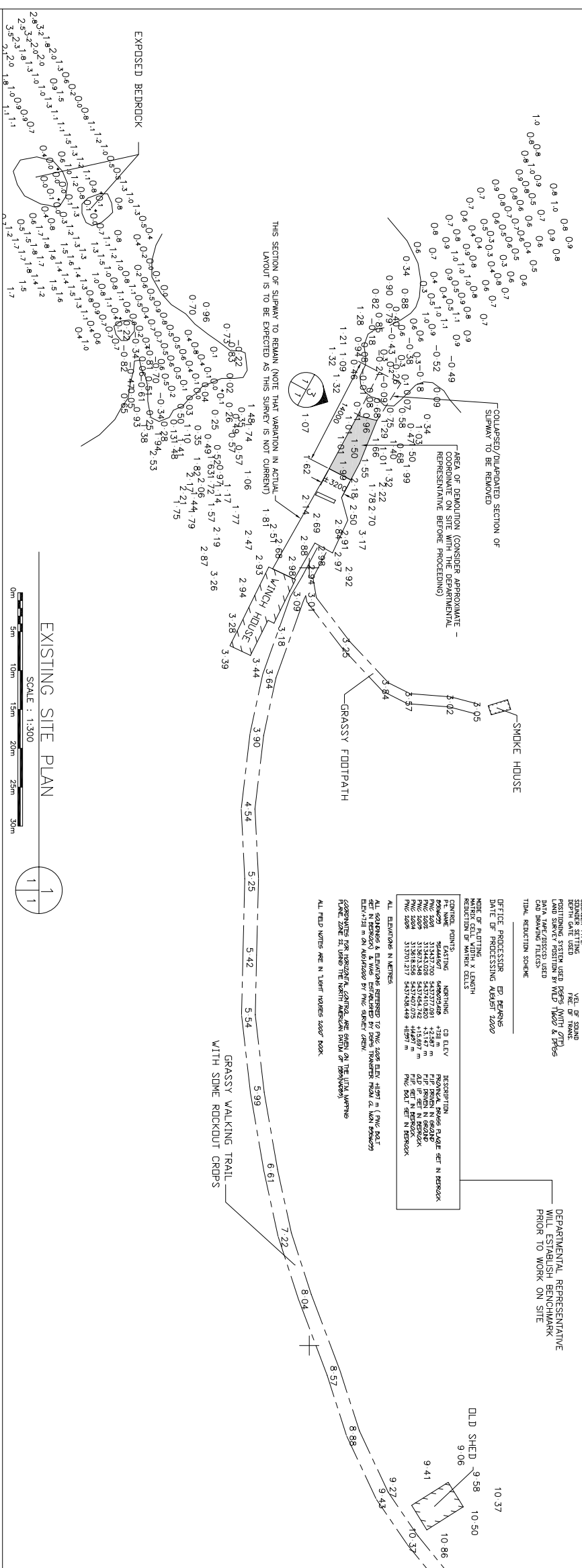
CONVERTING FOR USE WITH THE CANADIAN NATIONAL MAP SERVICE

FOR MORE INFORMATION CONTACT THE SURVEYOR GENERAL

ALL FIELD NOTES ARE IN LOWER CASES UNLESS NOTED

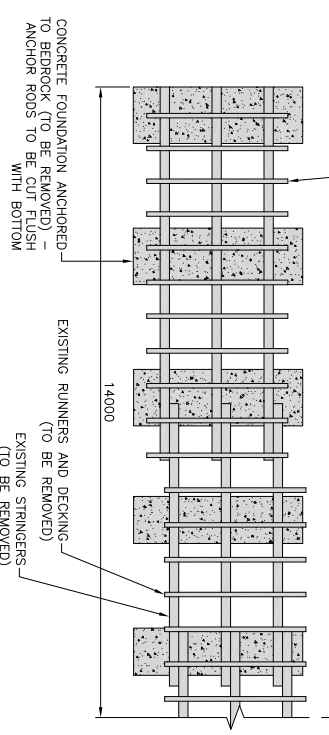
DEPARTMENTAL REPRESENTATIVE
WILL ESTABLISH BENCHMARK
PRIOR TO WORK ON SITE

DLD SHED
9 06
9 58
10 50
10 37
10 86
9 41
9 27
9 43



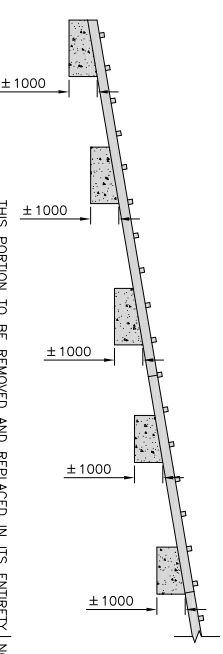
EXISTING SITE PLAN
SCALE : 1:300

DECKING AND RUNNERS NOT SHOWN (REMOVE DECKING AND RUNNERS IN AREA OF WORK AS DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE)



DEMOLITION PLAN
SCALE : 1:175

- NOTE:
- AS-BUILT INFORMATION IS LIMITED. CONSIDER PLAN AND ELEVATION SHOWN TO BE APPROXIMATE. NO ADDITIONAL CONTRACT INFORMATION WILL BE REFERENCED FOR THIS PROJECT.
 - ALL DEMOLITION DEBRIS TO BE DISPOSED OF AT AN APPROVED WASTE SITE.
 - WORKERS WILL BE REQUIRED TO COMPLETE THE ALL INFRASTRUCTURE IN AREA NOTED. ALL INFRASTRUCTURE TO BE DEMOLISHED AND DEBRIS TO BE DISPOSED OF OUTSIDE THE FOOTPRINT OF THE EXISTING SLIPWAY.



DEMOLITION ELEVATION
SCALE : 1:175

DEMOLITION PLAN

SLIPWAY TOE REPLACEMENT
PUFFIN ISLAND

no.	revision	date	by	approved
A	ISSUED FOR TENDER	26/09/15	P.H.	N.H.

Drawing - dessin

drawn - dessiné	designed - dessiné par
P.H.	N.H.

date - date	checked - vérifié
SEPTEMBER 26, 2015	N.H.

scale - échelle	approved for tender - approuvé pour l'offre
AS SHOWN	

project no. - projet no.	drawing no. - no du dessin	sheet - feuille
F6879-159017	02F0405f026c1	C1

NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
 SURVEY VESSEL
 SURVEY DATES) AUG/12/00
 SLIPWAY TYPE
 SLIPWAY DEPTH (M)
 POSITIONING SYSTEM USED GPS WITH DIFFERENTIAL CORRECTION
 DATA INTERFERENCE USED
 DATA DRAWING FILES
 TITLE, REDUCTION SCHEME

DEPARTMENTAL REPRESENTATIVE
 WILL ESTABLISH BENCHMARK
 PRIOR TO WORK ON SITE

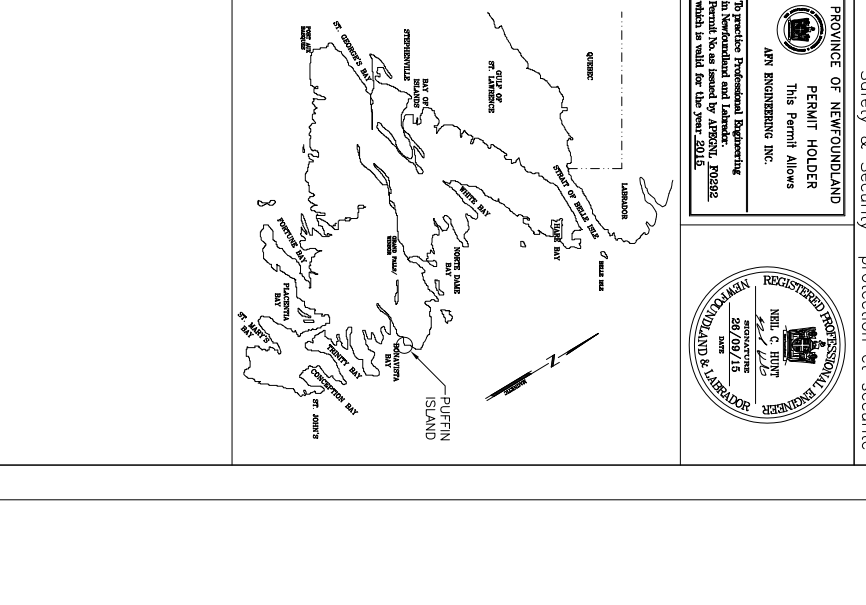
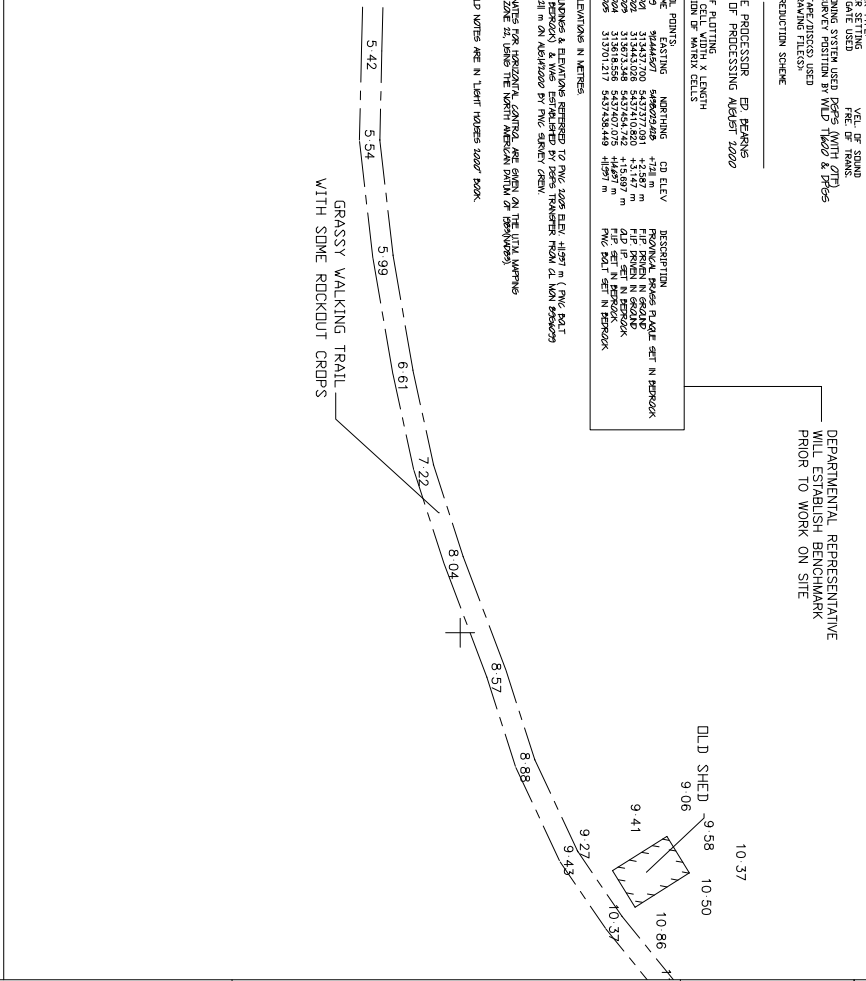
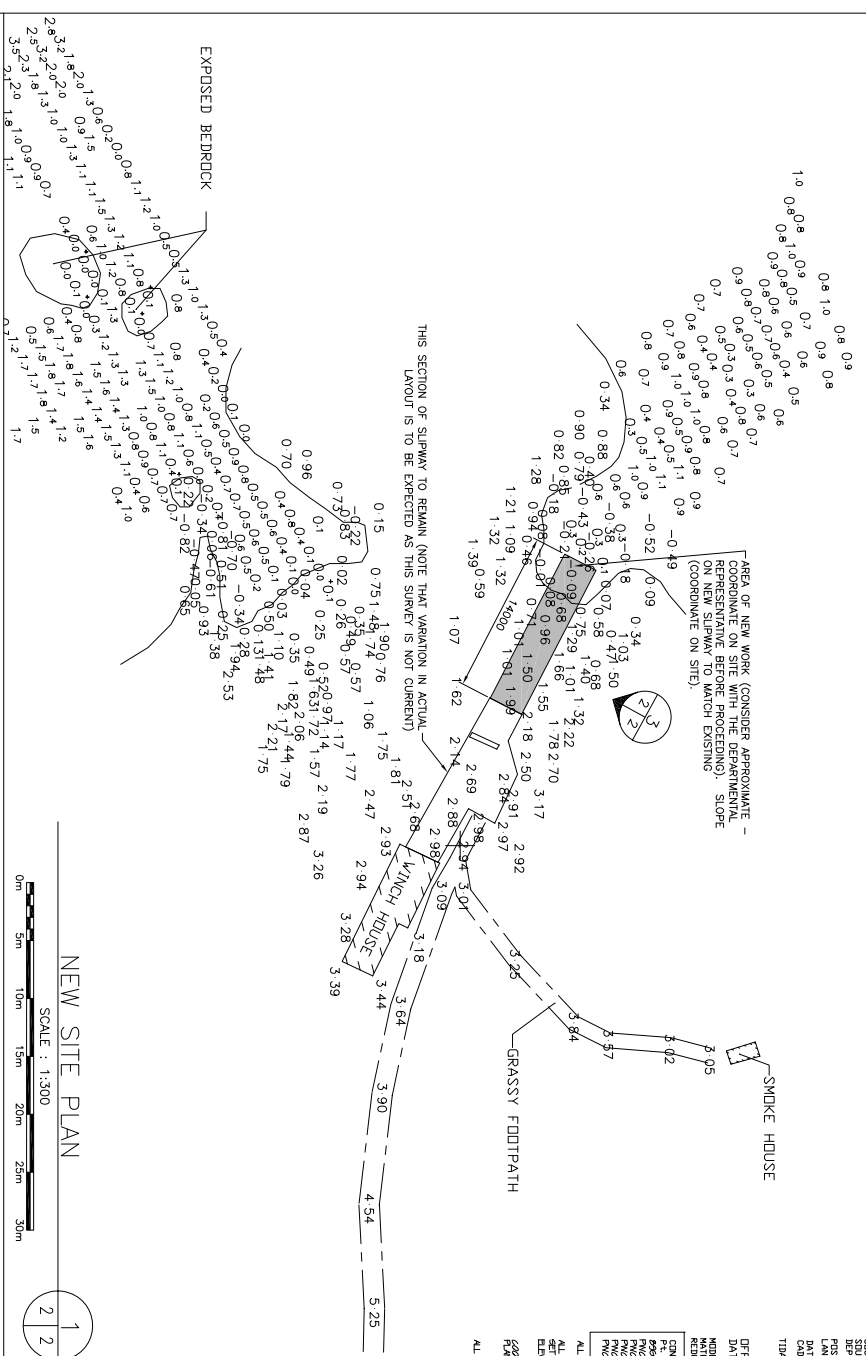
OFFICE PROCESSOR ID BEAKINS
 DATE OF PROCESSING MAR/01/2000
 MADE BY FLUTING
 INSTRUMENT WITH LENGTH

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 10.37

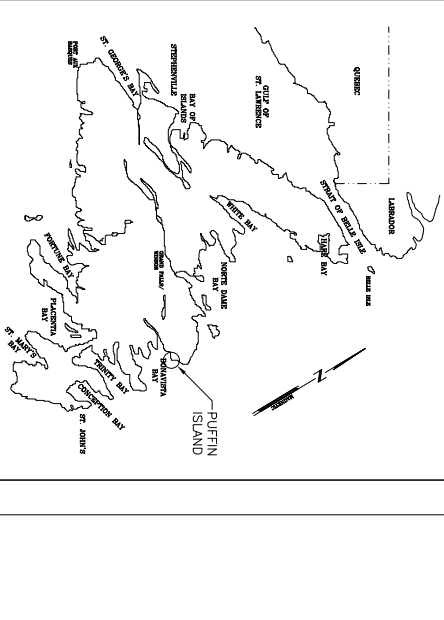
PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 This Permit Allows
 ANY ENGINEERING INC.



Province of Newfoundland
 Registered Professional Engineer
 Permit No. as issued by AENR, 2009E2
 which is valid for the year 2015.



Fisheries and Oceans
 Pêches et Océans
 Real Property, Safety & Security
 Biens immobiliers, protection et sécurité



drawing - dessin date - date scale - échelle project no. - projet no.		designed - dessiné par checked - vérifié approved for tender - approuvé pour l'offre	
P.H. SEPTEMBER 26, 2015 AS SHOWN F6879-159017		N.H. N.H. approved 02F0405F026C2 C2	

A	ISSUED FOR TENDER	26/09/15	P.H.	N.H.
no.	revision	date	by	approved
Project - projet				

**SLIPWAY TOE REPLACEMENT
 PUFFIN ISLAND
 NEW SITE PLAN**

EXPOSED BEDROCK

AREA OF NEW WORK (CONSIDER APPROXIMATE - COORDINATE ON SITE WITH THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING) SLOPE (COORDINATE ON SITE)

SMOKE HOUSE

GRASSY FOOTPATH

GRASSY WALKING TRAIL WITH SOME ROCKOUT CRUPS

DLD SHED

NEW WHEELGUARD REQUIRED ON BOTH SIDES OF SLIPWAY (FULL LENGTH OF NEW WORK). WHEELGUARD NOT SHOWN ON THIS VIEW (SEE DETAIL)

NEW SLIPWAY PLAN

NEW SLIPWAY ELEVATION

NEW DETAIL

RESIN CARTRIDGE ANCHORS 2 PER BLOCK WITH 19mm Ø THREADED ROD (STAINLESS STEEL OR GALV.) C/W NUT AND WASHER WITH MINIMUM CONCRETE EMBEDMENT DEPTH OF 100mm (COUNTERSUNK AT TOP OF WHEELGUARD)

200 X 200mm WHEELGUARD

13mm X 125mm LAG SCREW (COUNTERSUNK) AT 300mm C.C.

13mm ISOLATION JOINT

75 X 150mm PRESSURE TREATED WOOD BEAMS SPANNING SLIPWAY AT 600mm C.C.

UNREINFORCED CONCRETE PAD

EXCAVATE LOOSE BEDROCK PRIOR TO PLACEMENT OF CONCRETE PAD

15M AT 150mm C.C. EACH WAY FOR TOP SLAB

50 X 100mm PRESSURE TREATED RUNNERS AT 600mm C.C.

75 X 200 X 450mm WHEELGUARD BLOCKING REINFORCED TOP SLAB

50 X 100mm PRESSURE TREATED RUNNERS AT 600mm C.C.

75 X 200 X 200mm WHEELGUARD ±6.5 (MATCH EXISTING)

NEW 200 X 200mm WHEELGUARD

ROUGHEN SURFACE OF OLD WHEELGUARD REINFORCED TOPPING

UNREINFORCED CONCRETE PAD (FULL FOOTPRINT OF NEW SLIPWAY TOE)

25W DOWELS AT 300mm C.C. EMBEDDED INTO BEDROCK A MINIMUM OF 1200mm (DOWELS TO HAVE 500mm LAG HOOK INTO TOP DECK SECTION) - 3 DOWELS ACROSS WIDTH OF NEW TOE FOR A TOTAL OF 15 DOWEL BARS

25W DOWELS AT 300mm C.C. EMBEDDED INTO BEDROCK A MINIMUM OF 1200mm (DOWELS TO HAVE 500mm LAG HOOK INTO TOP DECK SECTION) - 3 DOWELS ACROSS WIDTH OF NEW TOE FOR A TOTAL OF 15 DOWEL BARS

EXCAVATE ALL ROCKS AND BouldERS TO EXPOSE BEDROCK PRIOR TO PLACEMENT OF NEW CONCRETE PAD (APPROXIMATE)

EXISTING BOTTOM (APPROXIMATE)

L.N.T.

SCALE: 1:50

SCALE: 1:50

SCALE: 1:10

SCALE: 1:300