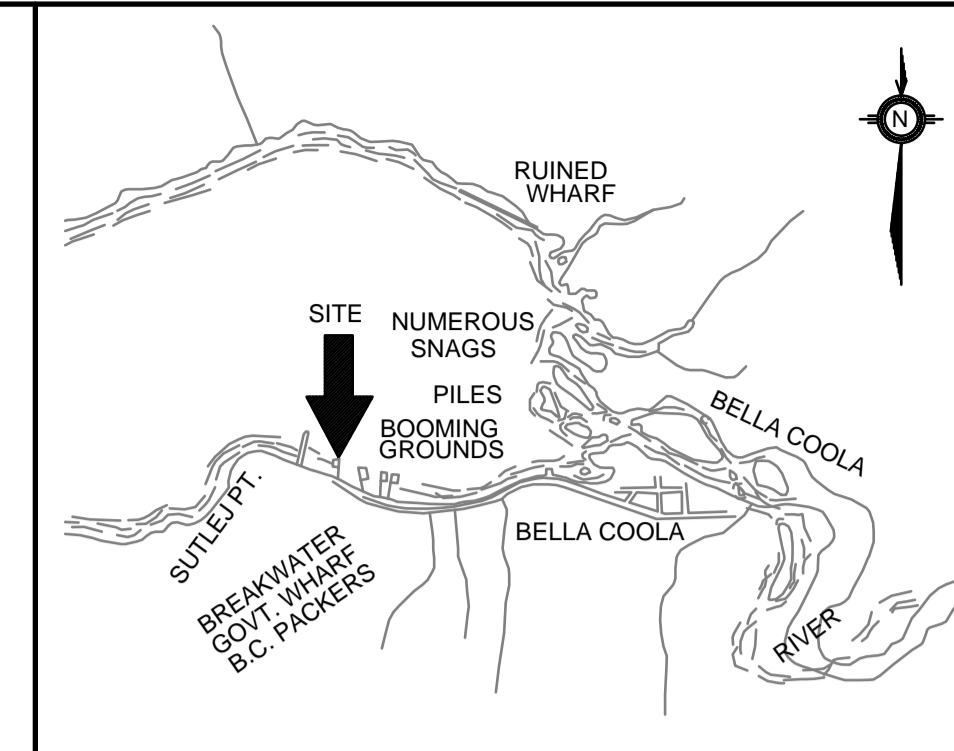


LEGEND

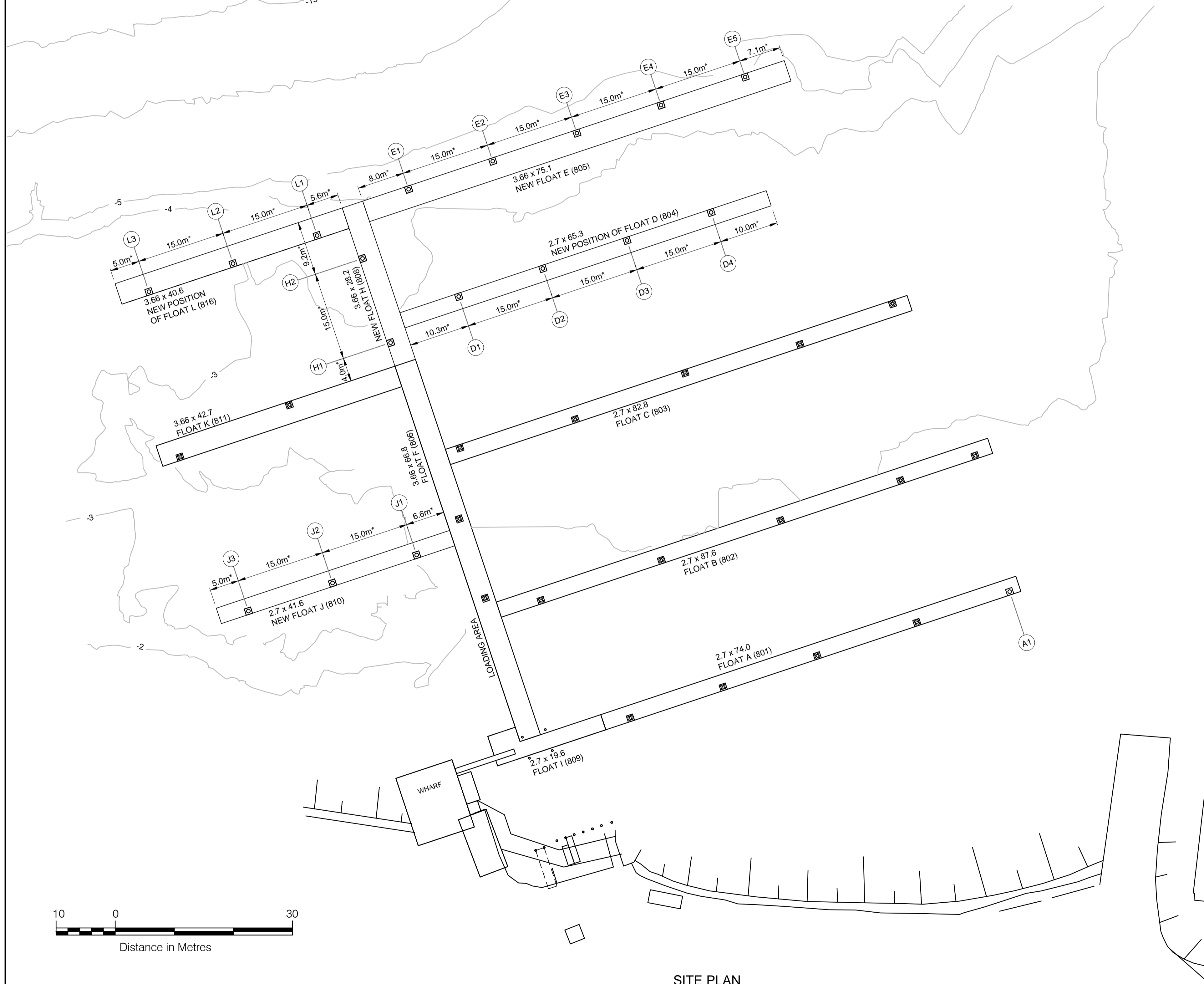
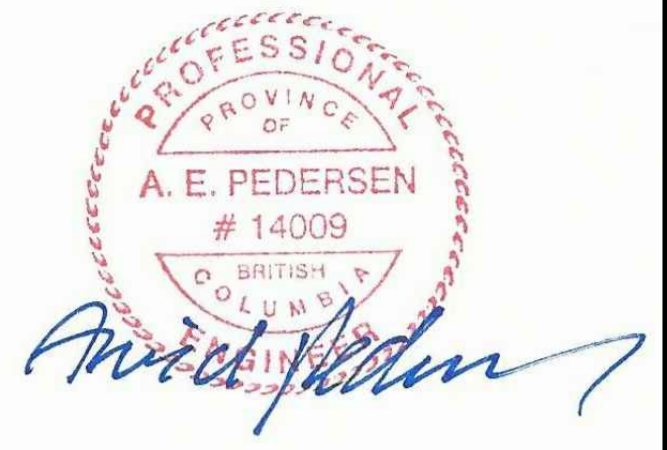
- XX SUPPLY AND INSTALL NEW 24" STEEL PIPE PILES IN PILE WELLS AS SHOWN ON DWG. 005
- LOCATION OF PILE WELL TO SUIT LOCATION OF FLOAT CROSSTIES AND FLotation BILLETS



LOCATION PLAN



AERIAL VIEW



SITE PLAN

SCALE 1:400

*: PILE WELL LOCATION TO SUIT FLOAT ARRANGEMENT

DESIGN CRITERIA:

ENVIORNENTAL CONDITIONS:

1. TIDES:
 - HIGHER HIGH WATER LEVEL (H.H.W.L.) +5.7m
 - MEAN WATER LEVEL (M.W.L) +2.9m
 - LOWER LOW WATER LEVEL (L.L.W.L.,) -0.1m
2. SNOW:
 - SPECIFIED GROUND SNOW LOAD S =5.5 kPa
 - SPECIFIED ASSOCIATED RAIN LOAD S =0.8 kPa
3. WIND
 - HOURLY PRESSURE (1/50 YEARS): q=0.39 kPa (U=24.6 m/s)
 - HOURLY PRESSURE (1/10 YEARS): q=0.30 kPa (U=21.5 m/s)
4. SEISMIC:
 - PGA (BCBC 2012) =0.18
 - S_v(0.2)=0.38 S_v(0.5)=0.24 S_v(1.0)=0.13 S_v(2.0)=0.075

GENERAL NOTES:

GENERAL

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL ELEVATIONS ARE IN METERS TO HYDROGRAPHIC DATUM
3. EXISTING FLOAT LAYOUT AND BATHYMETRY IS BASED ON SCH'S TRANSFER PLAN FOR BELLA COOLA

STRUCTURAL AND MISCELLANEOUS STEEL:

1. ALL ROLLED SECTIONS & MISCELLANEOUS PLATES TO BE GRADE 300W CONFORMING TO CAN. CSA STD. G40.20/G40.21 UNLESS NOTED OTHERWISE.
2. ALL BOLTS SHALL CONFORM TO ASTM STANDARD A325 UNLESS NOTED OTHERWISE.
3. ALL WELDING SHALL CONFORM TO CAN. CSA STD. W47, W48 & W59. THE MINIMUM WELD SIZE SHALL BE 6mm UNLESS NOTED OTHERWISE.
4. ALL PIPE PILE SECTIONS SHALL CONFORM TO ASTM SPECIFICATION A252, GRADE 3 OR APPROVED EQUIVALENT.
5. THE STEEL PILE WALL THICKNESS HAS BEEN INCREASED BY 2.5mm AS CORROSION ALLOWANCE

DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
A	ISSUED FOR TENDER	16/09/15

Client/client

Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division

200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet

BELLA COOLA
SMALL CRAFT HARBOURS
FLOAT RECONSTRUCTION

Approved by/Approuvé par
A.P.

Designed by/Concept par
A.P.

Drawn by/Dessiné par
WSL
PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
VJA

Drawing title/Titre du dessin

GENERAL ARRANGEMENT OF
NEW PILE DOLPHINS

Project No./No. du projet 216126 BC-FR	Sheet/Feuille 004 OF	Revision no./ La Révision no. A
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