



KEY PLAN
SCALE 1 : 10,000

PLAN
1 : 500

GENERAL NOTES:

- GENERAL**
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - ALL ELEVATIONS ARE IN METRES AND ARE TO GEODETIC DATUM.
 - BATHYMETRY BASED ON HYDROGRAPHIC SURVEY BY PWOSC SURVEY NO. 14001 DATED 2014-04-29. HORIZONTAL DATUM NAD83 (CSRS) 3.0.0.BC.1.NV
 - TOPOGRAPHY AND OUTLINE OF CCG STATION ON SHIPLEY STREET BASED ON SITE PLAN BY CHERNOFF THOMPSON ARCHITECTS, PROJECT NO.32016; DATED 2013-05-31

- STRUCTURAL AND MISCELLANEOUS STEEL**
- ALL ROLLED SECTIONS & MISCELLANEOUS PLATES TO BE GRADE 300W CONFORMING TO CAN CSA STD. G40.20/G40.21 UNLESS NOTED OTHERWISE.
 - ALL BOLTS TO CONFORM TO ASTM A325 UNLESS NOTED OTHERWISE.
 - ALL WELDING TO CONFORM TO CAN CSA STD. W47, W48 & W59. THE MINIMUM WELD SIZE TO BE 6mm.
 - FOR CORROSION PROTECTION OF STRUCTURAL & MISCELLANEOUS STEEL, SEE SPECIFICATIONS.
 - HOLLOW STRUCTURAL SECTIONS TO BE GRADE 350W, CLASS C CONFORMING TO CSA STD. G40.20/G40.21-M UNLESS NOTED OTHERWISE.
 - PIPE PILE SECTIONS SHALL BE STRAIGHT SEAM PIPE CONFORMING WITH A.S.T.M. SPECIFICATIONS A252 GRADE 3 OR APPROVED EQUIVALENT.

- REINFORCED CONCRETE**
- CONCRETE CONSTRUCTION AND MATERIALS TO CONFORM TO CAN CSA STD A23.1, A23.2 AND A23.4. ALL CONCRETE TO BE NORMAL DENSITY WITH CLASS C-1 EXPOSURE. MINIMUM COMPRESSIVE CONCRETE STRENGTH AFTER 28 DAY TO BE 35 MPa UNLESS NOTED OTHERWISE.
 - ALL REINFORCING STEEL TO BE DEFORMED BARS GRADE 400 CONFORMING TO CAN CSA STD. G30.18.
 - MINIMUM COVER TO ALL REINFORCEMENT TO BE 75mm UNLESS NOTED OTHERWISE.
 - ALL REINFORCEMENT HOOKS, LAPS AND DEVELOPMENT LENGTHS TO BE IN ACCORDANCE WITH CAN CSA STD A23.3.
 - ALL EXPOSED CONCRETE EDGES TO BE CHAMFERED 20mm.

DESIGN CRITERIA

- LIVE LOAD:**
 - a) UNIFORMLY DISTRIBUTED LIVE LOAD 4.8kPa
 - b) LIVE LOAD FROM BOBCAT GVW = 2,580kg
MAX AXLE LOAD = 15kN
- TIDES:**

HIGHER HIGH WATER LEVEL (H.H.W.L.) +2.6 m
MEAN WATER LEVEL (M.W.L.) +0.0 m
LOWER LOW WATER LEVEL (L.L.W.L.) -2.9 m

GEODETIC DATUM
- WIND: SPECIFIED WIND PRESSURE = 0.50kPa**

SUMMER WIND ROSE PORT HARDY AIRPORT

WINTER WIND ROSE PORT HARDY AIRPORT
- SNOW LOAD:**
 - a) SPECIFIED GROUND SNOW LOAD: S_s = 0.9kPa
 - a) SPECIFIED ASSOCIATED RAIN LOAD: S_r = 0.4kPa
- SEISMIC:**

PGA = 0.20

REVISION	DATE	BY	APP.	DESCRIPTION
E		J		
D	06.13.14	A.P.	I	ISSUED FOR TENDER
C	02.17.14	A.P.	H	BREAKWATER PILES ADDED
B	10.31.13	A.P.	G	TRESTLE EXTENDED
A	09.14.12	A.P.	F	ISSUED FOR PERMIT

REVISION	DATE	BY	APP.	DESCRIPTION

REFERENCE DRAWINGS

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DESIGNED:	A.P.
DRAWN:	P.D.M.
CHECKED:	A.P.
APPROVED:	

SCALE: 1 : 500

FILE No. 212124-001

CAD FILE NAME: 212124-001

PROJECT No. 212124

VILLHOLTH JENSEN & ASSOC. LTD.
CONSULTING ENGINEERS
VANCOUVER, B.C.

Fisheries and Oceans
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PORT HARDY - NEW CCG STATION

GENERAL ARRANGEMENT

DRAWING No. 212124-001

REV. D