

**SUPPLY NOTE:**

1. IN ADDITION TO THE CONE FENDERS OUTLINED ON THE DRAWINGS, THE CONTRACTOR MUST SUPPLY TWO (2) ADDITIONAL 800 CONE FENDERS FOR INDEPENDENT TESTING.

**GENERAL NOTE:**

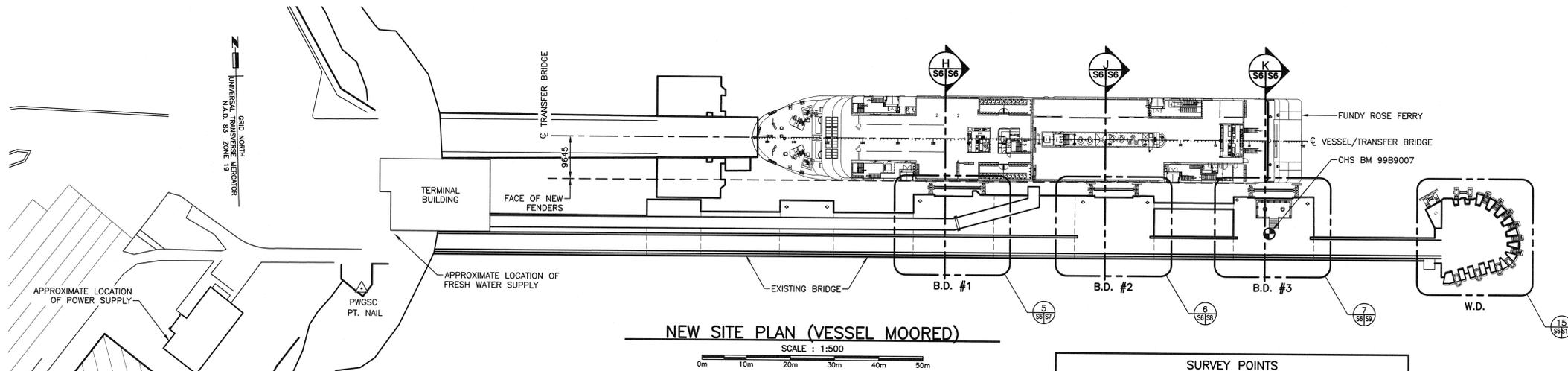
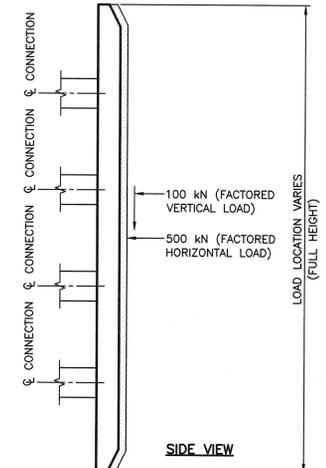
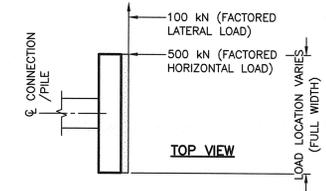
1. THE NEW GALVANIZED STAIRS AND HANDRAIL AT BREASTING DOLPHIN #3 IS A DESIGN-BUILD ITEM.

**BERTHING DESIGN CRITERIA:**

1. APPROACH ANGLE = 5° to 7°.
2. APPROACH VELOCITY = 0.2 m/s
3. ABNORMAL BERTHING F.O.S = 2.0
4. QUARTER POINT BERTHING.

**FENDER PANEL DESIGN LOADING:**

1. FENDER PANEL MUST BE DESIGNED FOR THE PROVIDED FACTORED LOADS, APPLIED ALONG THE FULL WIDTH AND FULL HEIGHT OF THE PANEL, AS A POINT LOAD.



SURVEY POINTS			
LOCATION	NORTHING	EASTING	ELEVATION
PT. NAIL CP	N 5015421.753	E 730448.261	10.31m
CHS BM 9989007	N 5015441.388	E 730653.734	10.57m

- LEGEND**
- BENCH MARK CHS BM 9989007
  - ▲ PWGSC PT. NAIL
  - B.D. #X BREASTING DOLPHIN
  - W.D. WARPING DOLPHIN



0	ISSUED FOR TENDER	APR 21 2017
revisions		date

**SAINT JOHN, NB FERRY TERMINAL  
FENDER REPLACEMENT**

drawing: **NEW SITE PLAN AND SECTIONS** / dessin

designed	S.O'BRIEN	conçu
date	NOVEMBER 2016	
drawn	S.GILLIS	dessiné
date	NOVEMBER 2016	
approved	<i>[Signature]</i>	approuvé
date	2017-05-08	
Tender	SHEILA-MACDONALD	Administrateur de projet TPSGC
Project Manager	PWGSC Project Manager	Administrateur de projet TPSGC
project number	R.080496.001	no. du projet
drawing no.	S6 of 18	no. du dessin

