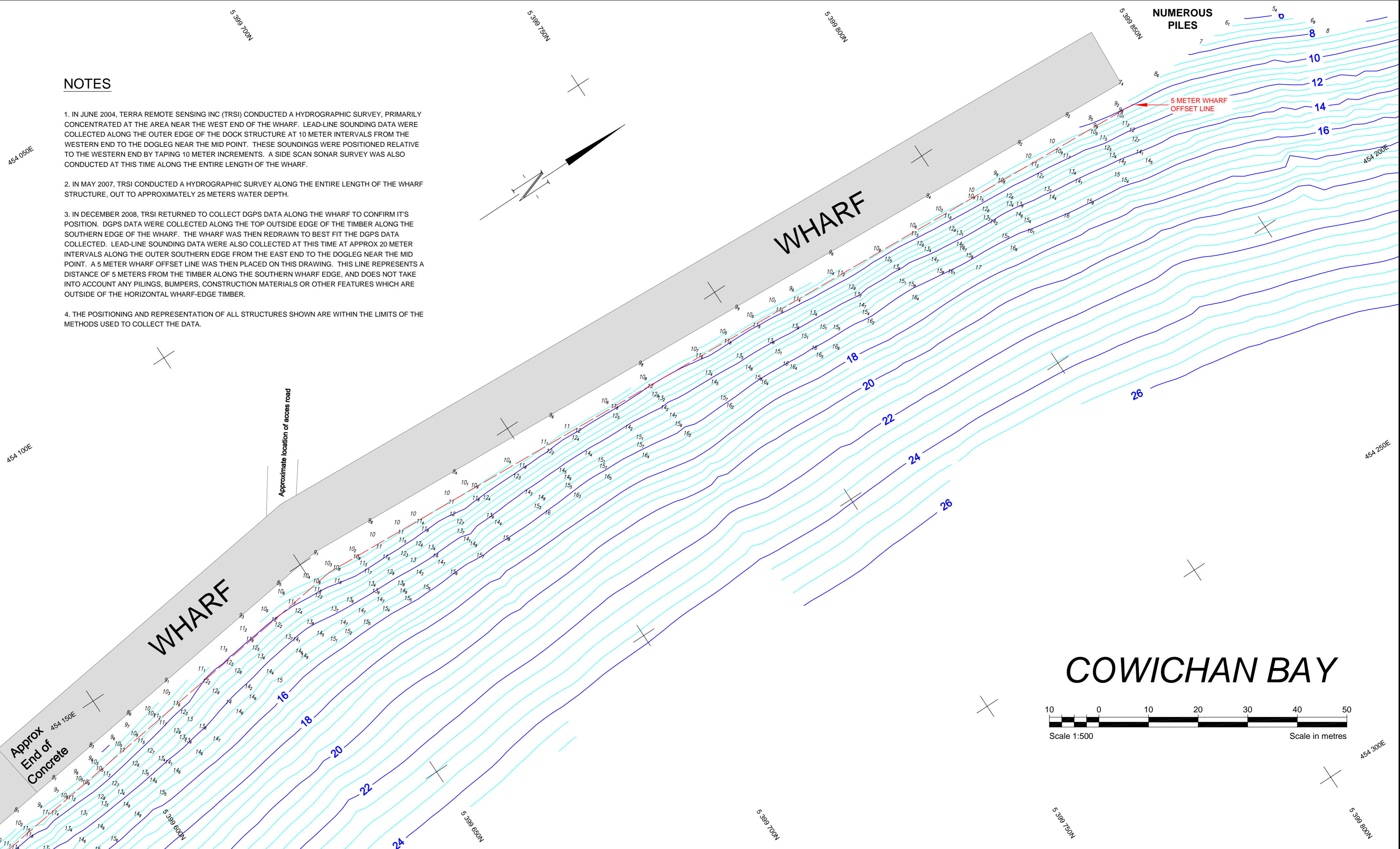


**NOTES**

1. IN JUNE 2004, TERRA REMOTE SENSING INC (TRSI) CONDUCTED A HYDROGRAPHIC SURVEY, PRIMARILY CONCENTRATED AT THE AREA NEAR THE WEST END OF THE WHARF. LEAD-LINE SOUNDING DATA WERE COLLECTED ALONG THE OUTER EDGE OF THE DOCK STRUCTURE AT 10 METER INTERVALS FROM THE WESTERN END TO THE DOGLEG NEAR THE MID POINT. THESE SOUNDINGS WERE POSITIONED RELATIVE TO THE WESTERN END BY TAPING 10 METER INCREMENTS. A SIDE SCAN SONAR SURVEY WAS ALSO CONDUCTED AT THIS TIME ALONG THE ENTIRE LENGTH OF THE WHARF.
2. IN MAY 2007, TRSI CONDUCTED A HYDROGRAPHIC SURVEY ALONG THE ENTIRE LENGTH OF THE WHARF STRUCTURE, OUT TO APPROXIMATELY 25 METERS WATER DEPTH.
3. IN DECEMBER 2008, TRSI RETURNED TO COLLECT DGPS DATA ALONG THE WHARF TO CONFIRM ITS POSITION. DGPS DATA WERE COLLECTED ALONG THE TOP OUTSIDE EDGE OF THE TIMBER ALONG THE SOUTHERN EDGE OF THE WHARF. THE WHARF WAS THEN REDRAWN TO BEST FIT THE DGPS DATA COLLECTED. LEAD-LINE SOUNDING DATA WERE ALSO COLLECTED AT THIS TIME AT APPROX 20 METER INTERVALS ALONG THE OUTER SOUTHERN EDGE FROM THE EAST END TO THE DOGLEG NEAR THE MID POINT. A 5 METER WHARF OFFSET LINE WAS THEN PLACED ON THIS DRAWING. THIS LINE REPRESENTS A DISTANCE OF 5 METERS FROM THE TIMBER ALONG THE SOUTHERN WHARF EDGE, AND DOES NOT TAKE INTO ACCOUNT ANY PILINGS, BUMPERS, CONSTRUCTION MATERIALS OR OTHER FEATURES WHICH ARE OUTSIDE OF THE HORIZONTAL WHARF-EDGE TIMBER.
4. THE POSITIONING AND REPRESENTATION OF ALL STRUCTURES SHOWN ARE WITHIN THE LIMITS OF THE METHODS USED TO COLLECT THE DATA.



**COWICHAN BAY**

Scale 1:500  
Scale in metres

NO	REMARKS	DATE	INDEP CHKD	DFTG	DFTG CHKD	INSPD	REV	ACPT
0	SUBMITTED IN FINAL, REDUCED SIZE FROM ORIGINAL SUBMISSION	6 JAN 2009	-	KK	KK	-	-	RJ

SURV	TRSI	3 JUNE 04, 4 MAY 07	GENERAL NOTES
PROCD	TRSI	8 MAY 2007	<b>Equipment</b> Survey vessel: <i>Doppler</i> Surface Positioning: CSI DGPS Max Rx. Navigation/Acquisition Software: RTC(TRSI)
DFTG	TRSI	16 MAY 2007	Morphology and Stratigraphy: NA
CHKD	TRSI	16 MAY 2007	Bathymetry: Knudsen 320M, 200kHz - 2.75° beam
INSPD			Drawing Parameters Projection: UTM z10 Datum: NAD83 Central Meridian (CM): 123°W Scale Factor at CM: 0.9996 False Easting: 500000 False Northing: 0 Vertical Datum: Chart Datum
REV			
ACPT			

CLIENT

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PROJECT	WESTERN STEVEDORING Cowichan Bay, BC
TITLE	Contoured Bathymetry
-0.5m contour interval-	
m	DWG NO CAD
R	SHT NO.
0	1 of 1