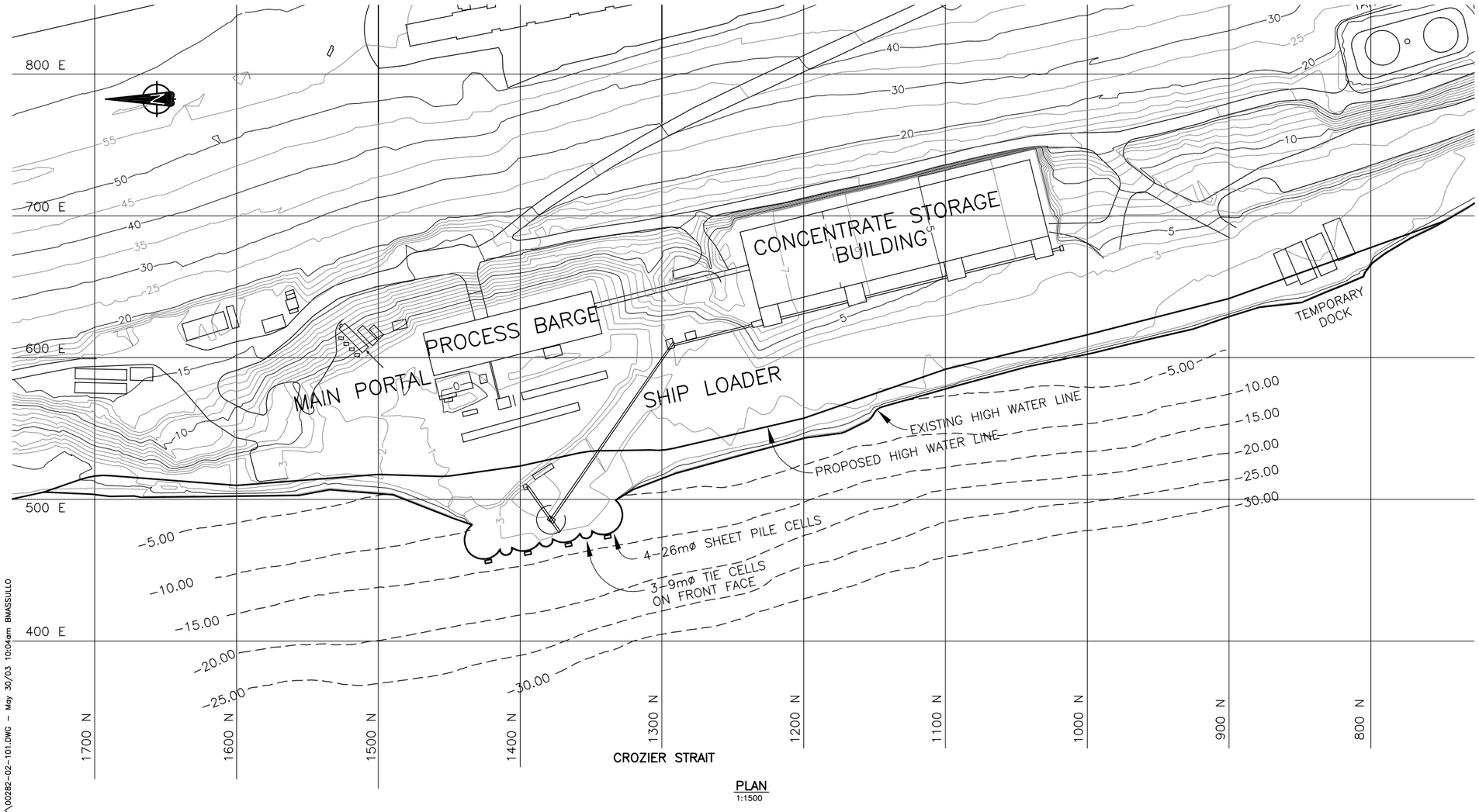

PLAN
1:1500

GENERAL NOTES:

1. ALL ELEVATIONS ARE IN METRES TO PLANT DATUM WHICH IS APPROXIMATELY 1.9m ABOVE CHART DATUM, AS PROVIDED TO WESTMAR ON MAY 26, 2003 BY TECK COMINCO FROM SURVEY OF CANADIAN HYDROGRAPHIC SERVICE (CHS) BENCH MARKS Nos. 1, 2 AND 3. C

THE BENCH MARK LOCATIONS, DESCRIPTIONS AND ELEVATIONS ARE:

BENCH MARK NO. (CHS)	LOCATIONS (CHS)	DESCRIPTION (CHS)	ELEV. ABOVE CHART DATUM (CHS)	ELEV. ABOVE PLANT DATUM (COMINCO)
1.	LATITUDE: 75 DEG. 23.3 MIN. N. LONGITUDE 96 DEG. 56.6 MIN. W.	BENCH MARK NO. 1 IS THE TOP OF A STEEL BOLT HOLDING THE N.W. LEG OF A SKELETON TOWER TO THE CONCRETE FOOTING OF THE TOWER. THE BENCH MARK IS SITUATED APPROXIMATELY 3 m SOUTH OF THE ENTRANCE TO THE POLARIS MINE SHAFT AND ON THE NORTH SIDE OF A STEEL STORAGE SHED.	4.303m	2.240m
2.	LATITUDE: 75 DEG. 23.2 MIN. N. LONGITUDE 96 DEG. 56.8 MIN. W.	BENCH MARK NO. 2 IS THE NORTH WEST CORNER OF THE CONCRETE PAD ON WHICH THE GAUGE HOUSE IS BUILT. THE GAUGE HOUSE IS LOCATED ON THE LOADING DOCK AND IS NORTHEAST OF THE LOADING CHUTE.	5.328m	3.554m
3.	LATITUDE: 75 DEG. 23.2 MIN. N. LONGITUDE 96 DEG. 56.4 MIN. W.	BENCH MARK NO. 3 IS THE TOP OF A STEEL BOLT ON THE EAST SIDE OF THE NORTHEAST LEG OF A SKELETON TOWER. THE BOLT IS TO SECURE THE TOWER TO THE CONCRETE PAD ON WHICH IT IS BUILT. THE TOWER IS SITUATED AT THE TURNING POINT OF THE CONVEYER BELT RUNNING FROM THE STORAGE SHED TO THE LOADING CHUTE.	5.350m	3.465m

THE ELEVATION OF PLANT DATUM ABOVE CHART DATUM IS CALCULATED AS THE AVERAGE DIFFERENCE BETWEEN CHART AND PLANT DATUM.

2. TIDE ELEVATIONS TO PLANT DATUM ARE AS FOLLOWS:

TIDE	ABBREVIATIONS	TIDE ELEVATION TO PLANT DATUM
HIGHER HIGH WATER LEVEL, LARGE TIDE	H.H.W.L.	−0.2m
MEAN WATER LEVEL	M.W.L.	−1.0m
LOWER LOW WATER, LARGE TIDE	L.L.W.L.	−1.9m

(DATUM FOR MINE IS SET 1000m BELOW PLANT DATUM TO ELIMINATE NEGATIVE NUMBERS WHEN SURVEYING IN THE MINE.) C

3. DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.

4. WATER DEPTHS ARE DIGITIZED FROM BECHTEL CANADA LIMITED DRAWING No. 110-C-116, REV 7, MAY 22, 1981, "SITE PREPARATION, CONCENTRATOR BARGE BEACHING PLAN AND SECTIONS".

5. SITE PLAN AND ELEVATIONS DERIVED FROM SURVEY DRAWINGS EMAILED FROM TECK COMINCO LIMITED ON SEPTEMBER 04 AND 26, 2001.

LEGEND:

EXISTING GROUND CONTOUR ——————— 20.00
FROM COMINCO LIMITED SURVEY, SEE GENERAL NOTES.

ORIGINAL SEABED CONTOUR — — — — — — — −15.00
FROM BECHTEL CANADA LIMITED DRAWINGS, SEE GENERAL NOTES.

Filename: P:\2000\00282\SURVEY\00282-02-101.DWG — May 30/03 10:04am BMASSULLO

No.	DATE	DESCRIPTION	DRAWN	CHK'D	DESIGN	CHK'D	APP'D
C	MAY30/03	PLANT DATUM REVISED, RE-ISSUED FOR CONSTRUCTION	BJM		NFA		NFA
B	MAR12/03	RE-ISSUED FOR CONSTRUCTION	RK		NFA		NFA
A	FEB20/03	ISSUED FOR CONSTRUCTION	BJM		NFA		NFA
P1	MAY17/02	ISSUED FOR CLIENT REVIEW	BJM		NFA		NFA

ISSUE / REVISIONS

DRAWING No. | REFERENCE DRAWINGS

CLIENT: teckcominco

PROJECT: POLARIS MINE DECOMMISSIONING OF DOCK

Westmar Consulting Engineers

TITLE: PLAN AND SECTIONS

DRAWING SCALE	PROJECT NUMBER	DRAWING NUMBER	REV.
SHOWN	00282	02-101	C