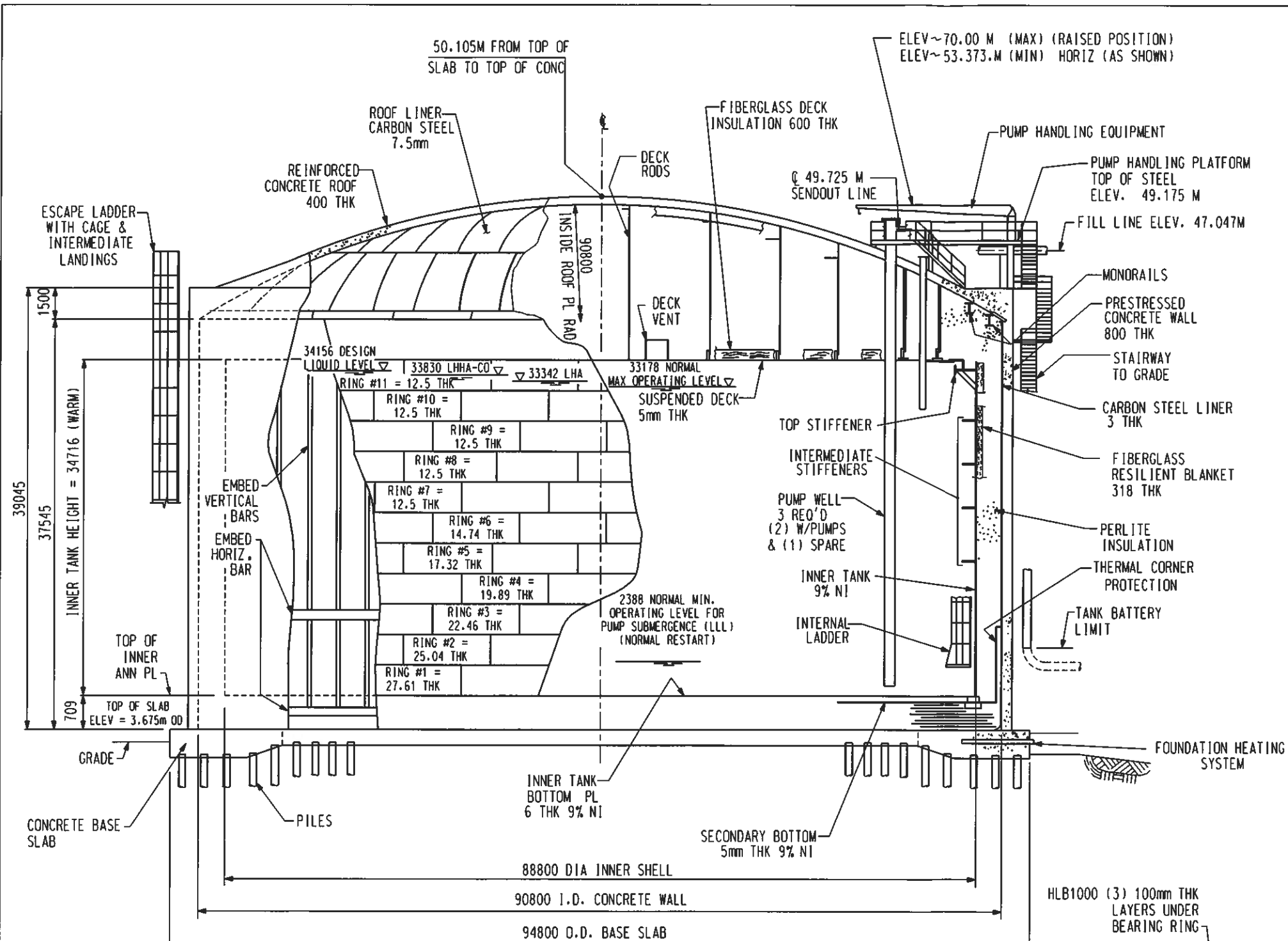




DESCRIPTION	DATA:
WORKING CAPACITY (LLL TO MAX. NORM OP LEVEL)	190,000 m ³
FREEBOARD ABOVE DESIGN LIQUID LEVEL (COLD)	500 mm
PRODUCT DESIGN DENSITY - MAXIMUM	487 kg/m ³
DESIGN TEMPERATURE	-170°C
TANK DESIGN PRESSURE (MAXIMUM OPERATING)	300 mbarg (290 mbarg)
TANK DESIGN PRESSURE - MINIMUM	-6 mbarg
HYDROSTATIC TEST LEVEL - INNER TANK	20793 mm **
CORROSION ALLOWANCE	0 mm
DESIGN STANDARD - INNER TANK	BS7777
- OUTER TANK	BS7777 & BS8110
ALLOWABLE BOILOFF PER DAY	0.05%
SEISMIC DESIGN ACCELERATION	OBE SSE
HORIZONTAL IMPULSIVE	0.043g 0.222g
HORIZONTAL CONVECTIVE	0.0023g 0.013g
HORIZONTAL PGA's	0.035g 0.165g
CONCRETE STRENGTHS	SLAB AND ROOF 40 MPa, WALL 50 MPa (CUBE)
CONCRETE COATING	NO
MATERIAL SPECIFICATION	
ITEM	MATERIAL
INNER SHELL, INNER BOTTOM,	ASTM A553 TP. 1
INNER ANNULAR PLATE	ASTM A553 TP. 1
INNER DECK	ASTM B209 5083-0 (ALUM)
SECONDARY BOTTOM	ASTM A553 TP. 1
OUTER SHELL (LINER)	S275J2+AR
OUTER BOTTOM (LINER)	S275J2+AR
ROOF (LINER)	S355J2+AR
ROOF (STRUCTURAL)	S275J2+AR
VERTICAL WALL LINER EMBEDMENTS	S355J2+AR
HORIZONTAL WALL EMBEDMENTS AT TCP	ASTM A553 TP. 1
THERMAL CORNER PROTECTION	ASTM A553 TP. 1
SUSPENDED DECK RODS (UPPER PORTION)	S275J2+AR
SUSPENDED DECK RODS (LOWER PORTION)	A479 304

DETAILED FOR 1 TANK - 1 TANK REQUIRED

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
C1	03MAR06	ISSUED FOR REPORT	XAB	JRS	CHV	

nationalgrid

NATIONAL GRID GRAIN LNG LTD
EXPANSION PROJECT



GENERAL ARRANGEMENT ELEVATION
TANK NO T-354
LNG IMPORT TERMINAL
ISLE OF GRAIN, UK

CB&I DRAWING NO. 155568-100-01

CONTRACT NO: 155568

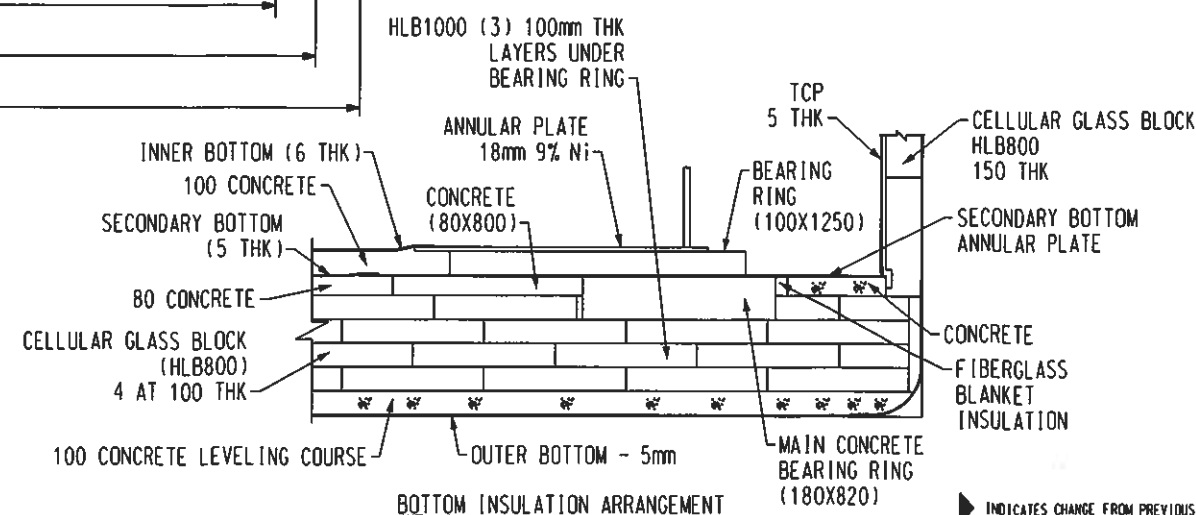
SCALE (A1): NONE

CLIENT CONTRACT NO: WB LNG 600

DRAWING NO. WBLNG600/01/40/30/0101

REV
C1

- NOTES:
1. MAX. NORMAL OPERATING LEVEL IS USED IN COMBINATION WITH ANY ABNORMAL EVENT.
 2. BOILOFF IS BASED ON VOLUME TO MAX. OPERATING LEVEL.
 - *3. HYDROSTATIC TEST LEVEL BASED ON FOUNDATION LOAD OF 1.25 x DESIGN USING FRESH WATER.



INDICATES CHANGE FROM PREVIOUS ISSUE

DOC 1.0.1