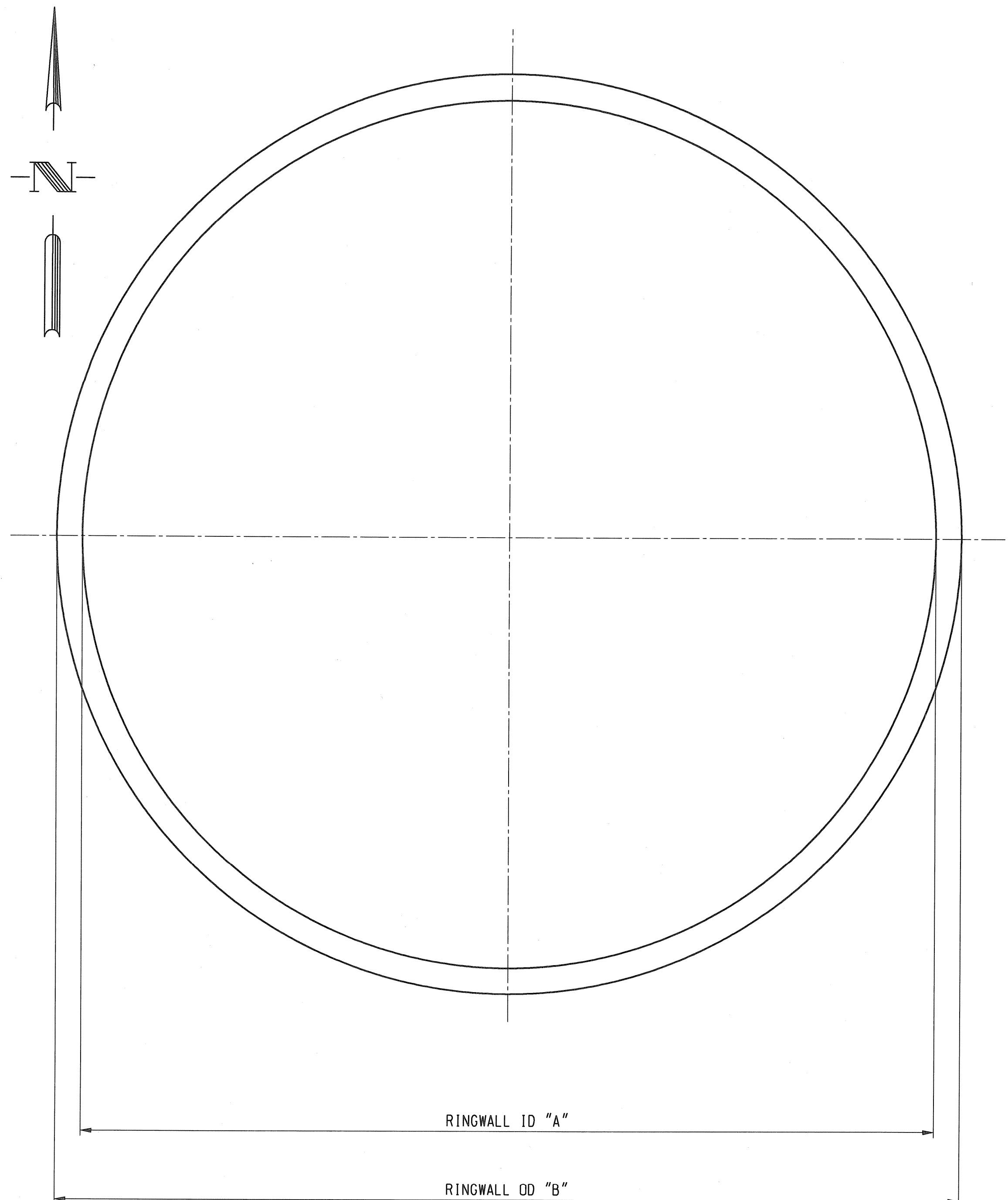
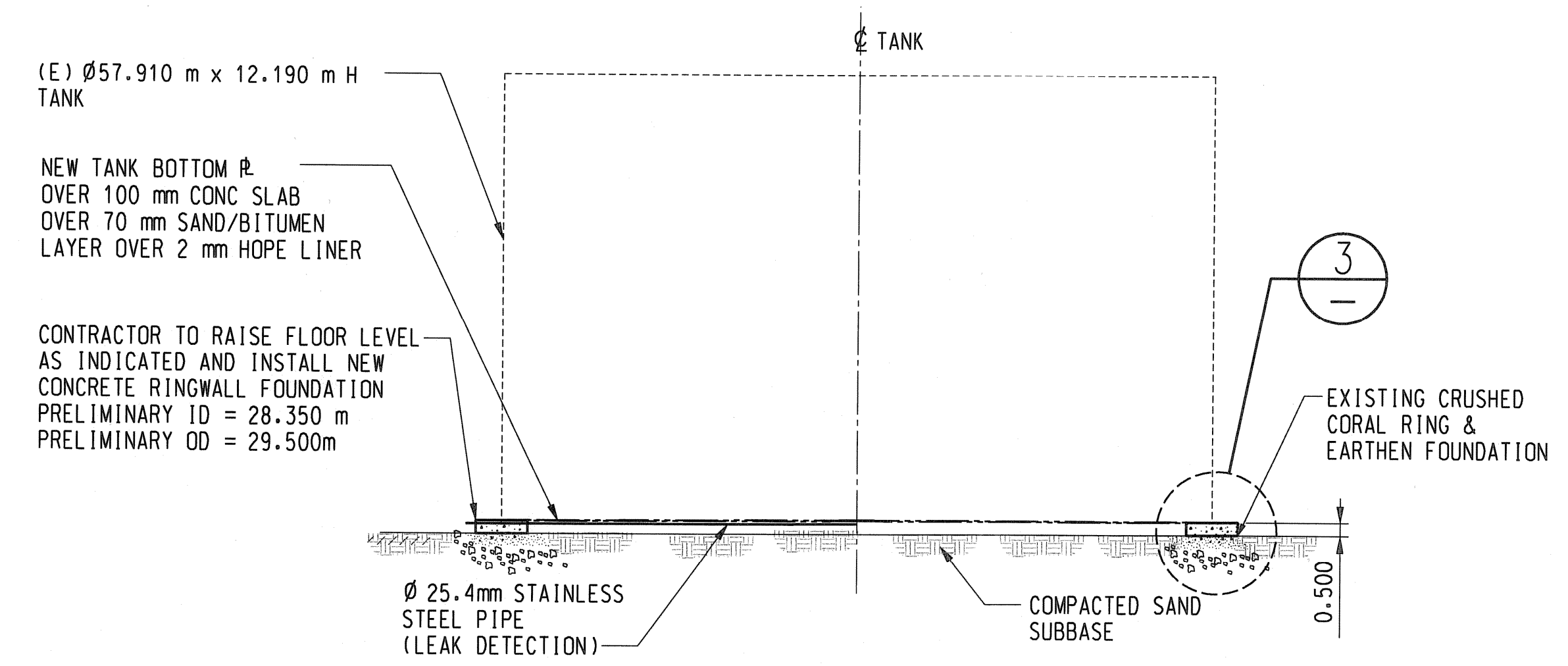


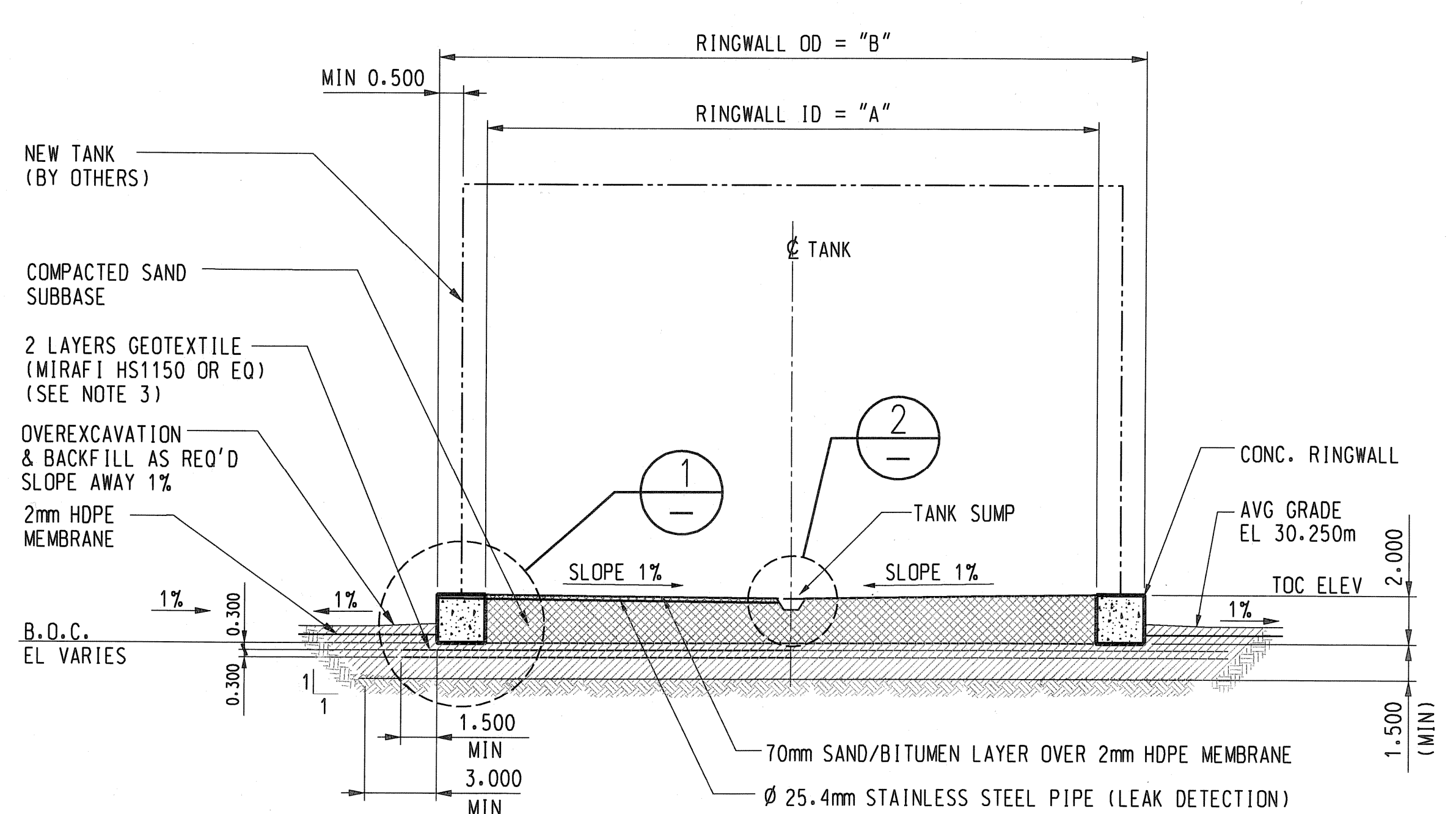


TANK FOUNDATION PLAN

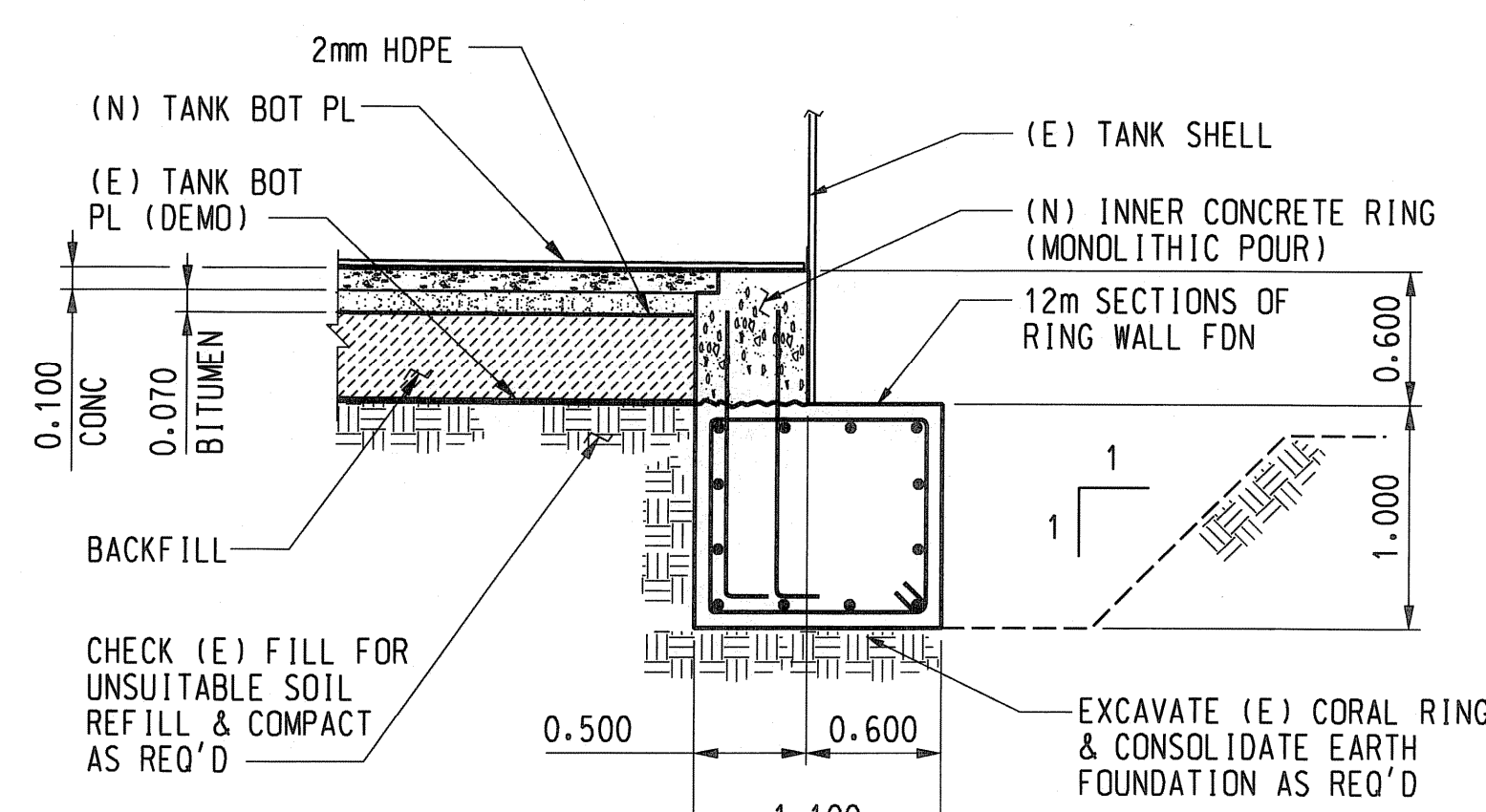
TANK FOUNDATION SCHEDULE					
FDN TYPE	QTY	ID RINGWALL "A"	OD RINGWALL "B"	RING WALL T.O.C. ELEVATION (AT CONSTRUCTION)	ASSUMED T.O.C. ELEVATION (POST HYDROTEST)
10000 m3	4	27.750	28.750	31.050	30.750
20000 m3	6	36.000	38.000	31.050	30.750
40000 m3	10	50.000	53.000	32.050	31.750



REVAMP TANK FOUNDATION ELEVATION



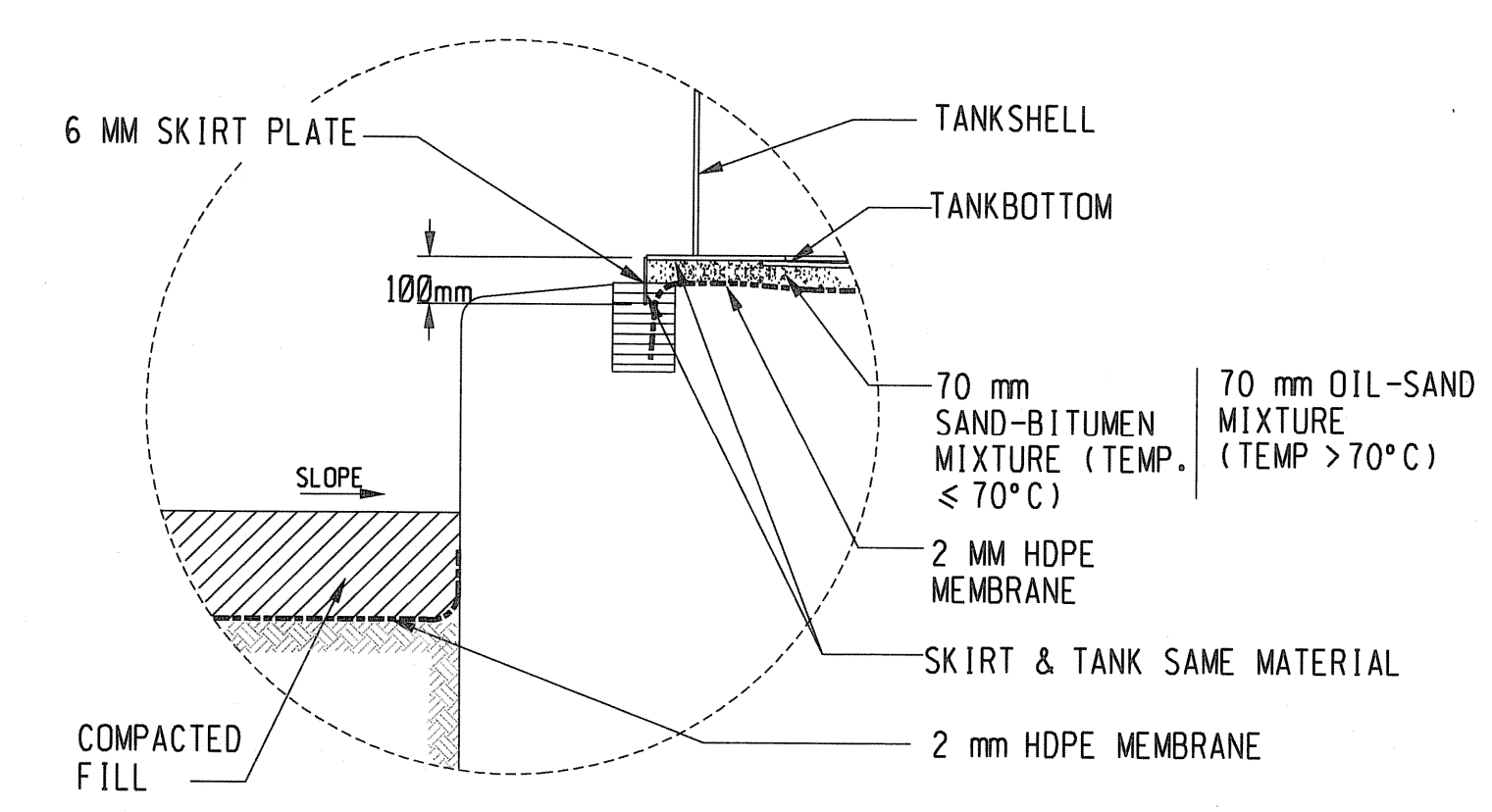
NEW TANK FOUNDATION ELEVATION



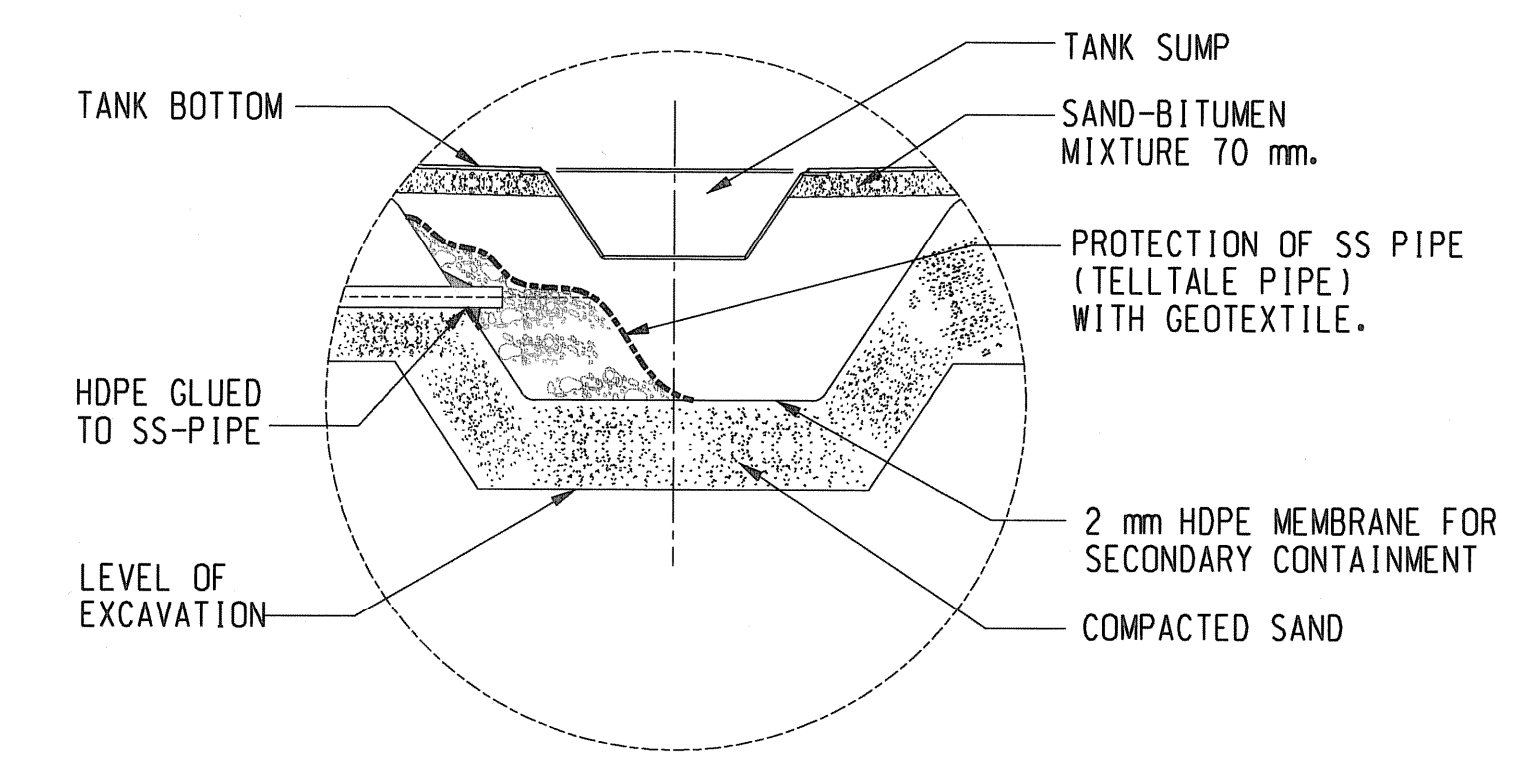
DETAIL 3
NTS

- NOTES:**
1. TOP OF CONCRETE RINGWALL FOUNDATION IS POST HYDROTEST AND ACCOUNTS FOR AN ASSUMED STATIC SETTLEMENT OF 300mm. CONTRACTOR TO BUILD FOUNDATIONS WITH INITIAL TOP OF CONCRETE RINGWALL ELEVATION AS SHOWN IN TABLE.
 2. TANK SUB-BASE COMPACTED IN LAYERS NOT EXCEEDING 300mm THICKNESS.
 3. GEOTEXTILE PANELS SHOULD OVERLAP A MINIMUM OF 600mm AND SHOULD COVER THE ENTIRE OVER EXCAVATION BOTTOM TO AT LEAST 1.500m BEYOND THE OUTSIDE EDGE OF FOUNDATION.

- REFERENCE DRAWINGS**
- | | |
|-----------------|-------------------------------------|
| LB9115/C.01/001 | PLOT PLAN & DRAWING INDEX |
| LB9115/C.01/002 | TANK PIT 101 - PLOT PLAN |
| LB9115/C.01/003 | TANK PIT 102 - PLOT PLAN & SECTIONS |
| LB9115/C.01/004 | TANK PIT 103 - PLOT PLAN |



DETAIL 1
NTS



DETAIL 2
NTS

Rev	Date	Design	Chkr.	PE/PA	Dept.
A	05/02/11	JG	LD		
QA/QC APPROVAL					
Jacobs Engr. Gp. Project No. 02-KK9115					
JE JACOBS PROJECT NO. 02KK9115					

REFERENCE DRAWINGS		REVISIONS		Vopak		STRUCTURAL	
		ISSUED FOR BID 05/02/11		Colon Terminal, Bahia Las Minas, Rep. of Panama		TANK FOUNDATION PLAN & SECTIONS VOPAK PROJECT MARCH BROWNFIELD AREA REVAMP	
				SCALE 1:200 DR. JG CH. LD DATE 2/4/11 OPR'G DEPT. ENGR. DEPT.		W.O. S.O. LB9115/C.01/0007	