

DAFTAR LAMPIRAN

- L.1 DATA PENYELIDIKAN TANAH DI LUBANG BOR 1
- L.2 LAY OUT PROYEK BENDUNGAN DI SITE PT. TOP
- L.3 KATALOG PRODUK *RETAINING WALL CONCRETE PRODUCTS* PT.
WIKABETON
- L.4 KATALOG PRODUK *PADFOOT DRUM SOIL COMPACTOR* PT.
TRAKINDO UTAMA
- L.5 KATALOG PRODUK HUITEX *GEOMEMBRANE*

LAMPIRAN 1

DATA PENYELIDIKAN TANAH DI LUBANG BOR 1:

- **PENGUJIAN SONDIR**
- **PENGUJIAN BOR TANGAN**
- **PENGUJIAN TANAH DI LABORATORIUM**

Deskripsi Lapisan Tanah Berdasarkan Data Pengujian Sondir

Sondir	Kedalaman (m)	qc (kg/cm2)	Konsistensi
S1	0.20 – 5.60	12 – 20	Teguh
	5.80 – 10.60	23– 80	Kenyal – sangat kenyal
	11.00 – 17.20	83 – 200	Keras – sangat keras
	> 17.20	> 200	Sangat Keras

Deskripsi Lapisan Tanah Berdasarkan Data Pengujian Bor Tangan

SAMPLE	DEPTH (m)	GRAPHIC SYMBOL	SYMBOL	SOIL DESCRIPTION	γ_m (ton/m3)	Wn %	Atterberg		Triaxial	
							Wl %	Ip %	C (Kg/cm2)	ϕ Degree
US.1	0.00									
	0.50	=====		Lempung lanauan, warna abu abu tua , sifat sedang, plastisitas tinggi.						
	1.00	=====							-	-
	1.50	=====								
	2.00	=====			1.681	46.12	71.69	43.58	0.57	8.23
US.2	2.50	=====		Lempung lanauan, warna abu abu muda, sifat sedang, plastisitas tinggi.						
	3.00	=====							-	-
	3.50	=====								
	4.00	=====			1.694	52.97	70.61	42.80	0.38	8.72
	4.50	=====								
DS.1	5.00	=====							-	-
	5.50	=====								
	6.00	=====			1.667	42.55	73.49	43.58	0.19	27.34

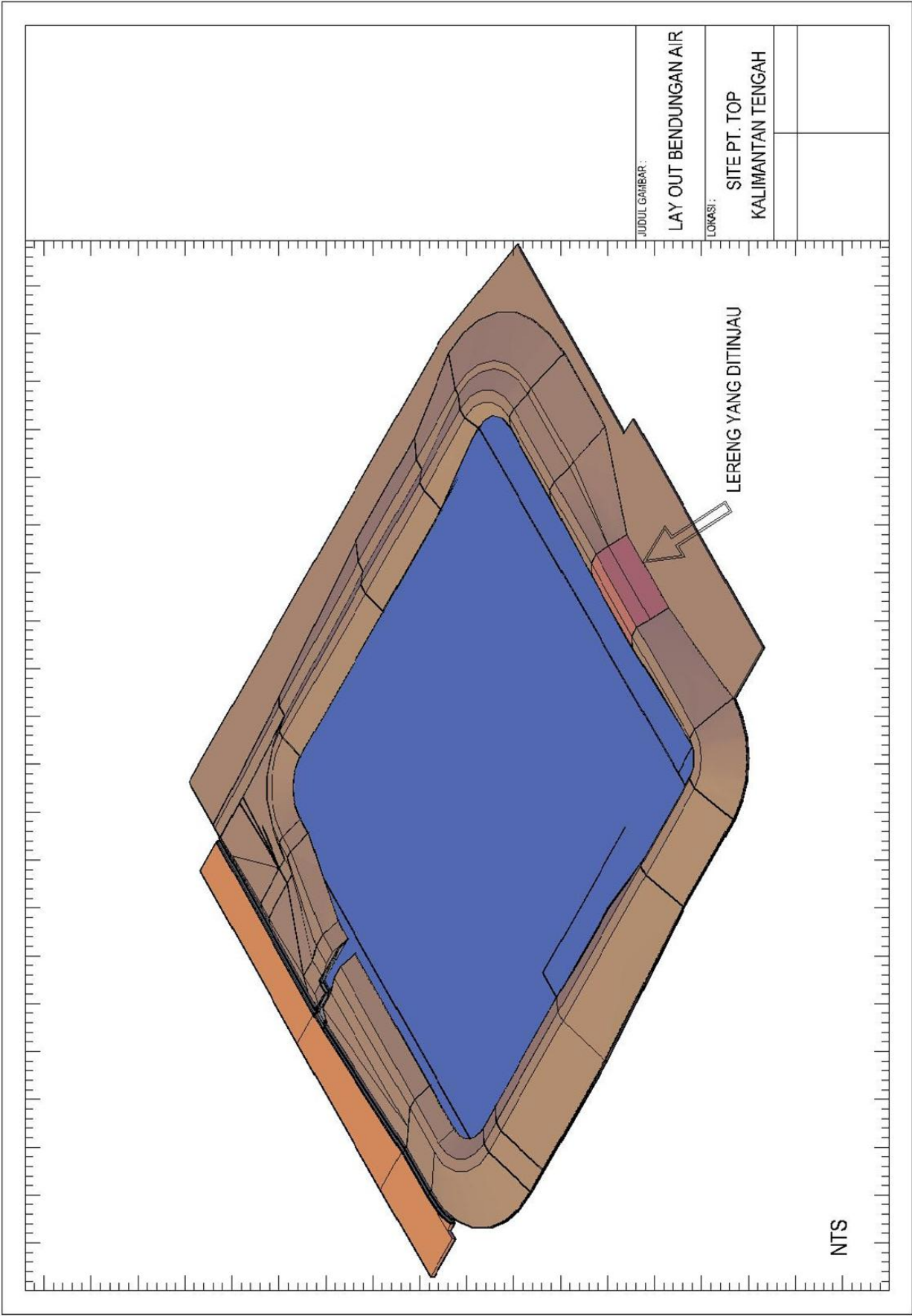
Data Hasil Penyelidikan Laboraturium Mekanika Tanah

BOR NO	DEPTH (m)	Gs	γ_d t/m ³	γ_m t/m ³	Wn %	ATTERBERG			UNCONFINED		TRIAXIAL - UU		CONSOLIDATION		DIRECT SHEAR	
						Wl %	Wp %	Ip %	qu kg/cm ²	St	C kg/cm ²	ϕ degre	Cc	Cv	C kg/cm ²	ϕ degre
BT.1	1.50 - 2.00	2.668	1.150	1.681	46.12	71.69	28.17	43.52	0.982	1.09	0.57	8.23	0.424	4.510E-04	-	-
BT.1	3.40 - 4.00	2.665	1.070	1.637	52.97	70.61	27.81	42.80	0.669	1.09	0.38	8.91	0.425	4.550E-04	-	-
BT.1	5.50 - 6.00	2.665	1.169	1.667	42.55	73.49	29.91	43.58	-	-	-	-	-	-	0.19	27.34

Data Hasil Penyelidikan Laboraturium Mekanika Tanah (Lanjutan)

BOR NO	DEPTH (m)	e	n	Sr %	GRADATION				%Finer #200	UNIFIED CLASS	REMARKS
					Gravel %	Sand %	Silt %	Clay %			
BT.1	1.50 - 2.00	1.319	0.569	93.28	-	3.40	47.44	49.16	96.90	CH	Undisturbed sample
BT.1	3.40 - 4.00	1.490	0.598	94.72	-	1.70	18.30	50.00	98.30	CH	Undisturbed sample
BT.1	5.50 - 6.00	1.279	0.561	88.67	-	2.80	47.22	49.98	97.20	CH	Disturbed sample

LAMPIRAN 2
***LAY OUT* PROYEK BENDUNGAN DI SITE PT.TOP**



LAMPIRAN 3
KATALOG PRODUK *RETAINING WALL CONCRETE*
PRODUCTS PT. WIKA BETON

LAMPIRAN 4
KATALOG PRODUK *PADFOOT DRUM SOIL COMPACTOR*
PT. TRAKINDO UTAMA



Padfoot Drum Soil Compactor

Model	Engine	Gross Power kW / hp	Operating Weight kg	Compaction Width mm
CP433E	3054C Turbo	75 / 100	7390	1676
CP533E	3054C Turbo	97 / 130	11530	2134
CP54	C4.4 ACERT Turbo	98 / 132	11530	2134
CP56	C6.6 ACERT Turbo	116 / 156	11687	2134
CP64	C6.6 ACERT Turbo	116 / 156	14543	2134
CP74	C6.6 ACERT Turbo	116 / 156	15565	2134
CP76	C6.6 ACERT Turbo	130 / 174	17127	2134

LAMPIRAN 5
KATALOG PRODUK HUITEX *GEOMEMBRANE*



HUITEX HDPE Smooth Geomembrane

Specification

Property	Test Method	Minimum Values						
		HD050	HD075	HD100	HD150	HD200	HD250	HD300
Thickness, mm	ASTM D5199							
Minimum Average Values		0.50	0.75	1.00	1.50	2.00	2.50	3.00
Lowest Individual Reading		0.45	0.67	0.90	1.35	1.80	2.30	2.70
Density, g/cm ³	ASTM D1505/D792	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Tensile Properties (each direction)	ASTM D6693							
	Type IV specimen							
1. Strength at Yield, kN/m width	@ 50 mm/min	9	11	16	25	34	40	44
2. Strength at Break, kN/m width		14	21	28	43	57	71	80
3. Elongation at Yield, %	GL 33 mm	13	13	13	13	13	13	13
4. Elongation at Break, %	G.L 50 mm	700	700	700	700	700	700	700
Tear Resistance, N	ASTM D1004	73	100	138	210	275	330	374
Puncture Resistance, N	ASTM D4833	176	264	320	480	640	820	960
Carbon Black Content, %	ASTM D1603	2	2	2	2	2	2	2
Carbon Black Dispersion	ASTM D5596	Cat. 2	Cat. 2	Cat. 2	Cat. 2	Cat. 2	Cat. 2	Cat. 2
Oxidate Induction Time, min	ASTM D3895	100	100	100	100	100	100	100
	(200 C ; O ₂ 1atm)							

