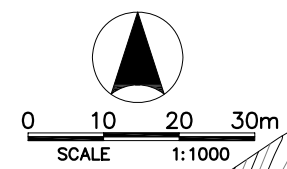

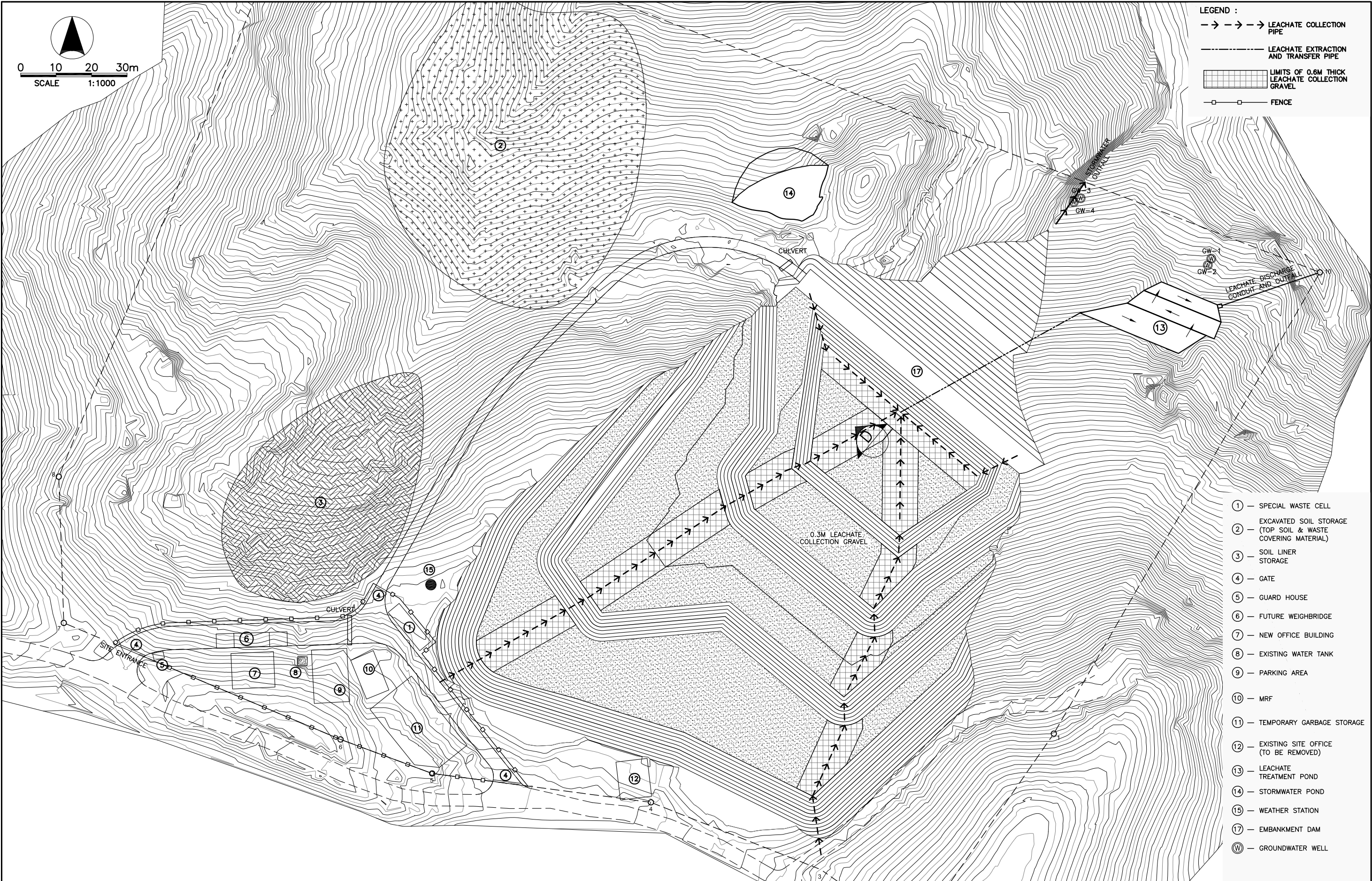



- LEGEND :
- - - - -> LEACHATE COLLECTION PIPE
 - LEACHATE EXTRACTION AND TRANSFER PIPE
 - [Grid Pattern] LIMITS OF 0.6M THICK LEACHATE COLLECTION GRAVEL
 - FENCE

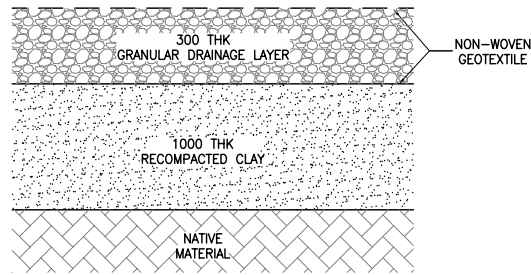


- ① — SPECIAL WASTE CELL
- ② — EXCAVATED SOIL STORAGE (TOP SOIL & WASTE COVERING MATERIAL)
- ③ — SOIL LINER STORAGE
- ④ — GATE
- ⑤ — GUARD HOUSE
- ⑥ — FUTURE WEIGHBRIDGE
- ⑦ — NEW OFFICE BUILDING
- ⑧ — EXISTING WATER TANK
- ⑨ — PARKING AREA
- ⑩ — MRF
- ⑪ — TEMPORARY GARBAGE STORAGE
- ⑫ — EXISTING SITE OFFICE (TO BE REMOVED)
- ⑬ — LEACHATE TREATMENT POND
- ⑭ — STORMWATER POND
- ⑮ — WEATHER STATION
- ⑰ — EMBANKMENT DAM
- Ⓜ — GROUNDWATER WELL

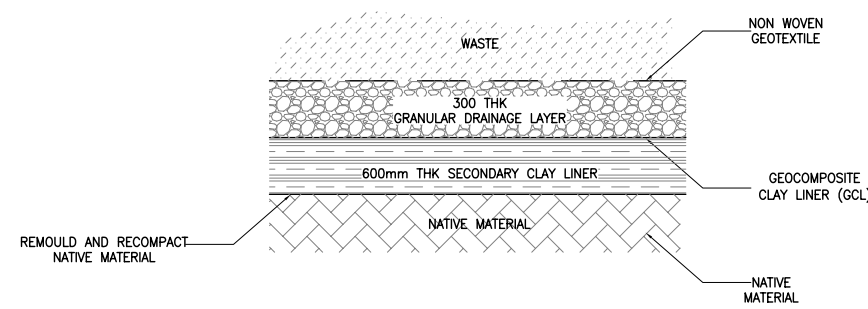
PROJECT TITLE:	CLIENT:	CONSULTANT:	DRAWING TITLE:	DESIGNED BY:	DRAWING CONTENT:	DRWG. NO.
THE MASTER PLAN ON SOLID WASTE MANAGEMENT FOR BORACAY ISLAND AND MALAY MUNICIPALITY	JAPAN INTERNATIONAL COOPERATION AGENCY	 NIPPON KOEI CO., LTD. 2, Kojimachi 4-chome, Chiyoda-ku Tokyo 102-0083 JAPAN Phone : +81-3-5276-3930 Fax : +81-3-5276-2656 E-mail : int.e@nx.n-koei.co.jp http://www.n-koei.co.jp	DEVELOPMENT OF NEW LANDFILL SITE IN MALAY MUNICIPALITY	DRAWN BY: CHECKED BY: APPROVED BY: DATE: January 2008	PHASE DEVELOPMENT AND LEACHATE COLLECTION SYSTEM, SUB-PHASE 1B	K-04 SET NO. 4 OF 21



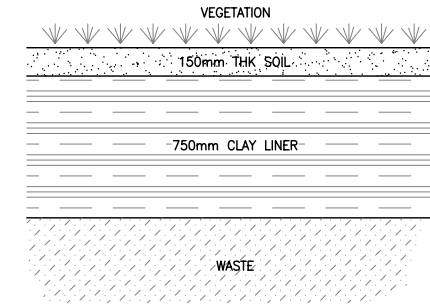
PROJECT TITLE:	CLIENT:	CONSULTANT:	DRAWING TITLE:	DESIGNED BY:	DRAWING CONTENT:	DRWG. NO.
THE MASTER PLAN ON SOLID WASTE MANAGEMENT FOR BORACAY ISLAND AND MALAY MUNICIPALITY	JAPAN INTERNATIONAL COOPERATION AGENCY	 NIPPON KOEI CO., LTD. 2, Kojimachi 4-chome, Chiyoda-ku Tokyo 102-0083 JAPAN Phone : +81-3-5276-3930 Fax : +81-3-5276-2656 E-mail : int.e@nx.n-koei.co.jp http://www.n-koei.co.jp	DEVELOPMENT OF NEW LANDFILL SITE IN MALAY MUNICIPALITY	DRAWN BY: CHECKED BY: APPROVED BY: DATE: January 2008	PHASE DEVELOPMENT AND LEACHATE COLLECTION SYSTEM, SUB-PHASE 1C	K-05 SET NO. 5 OF 21



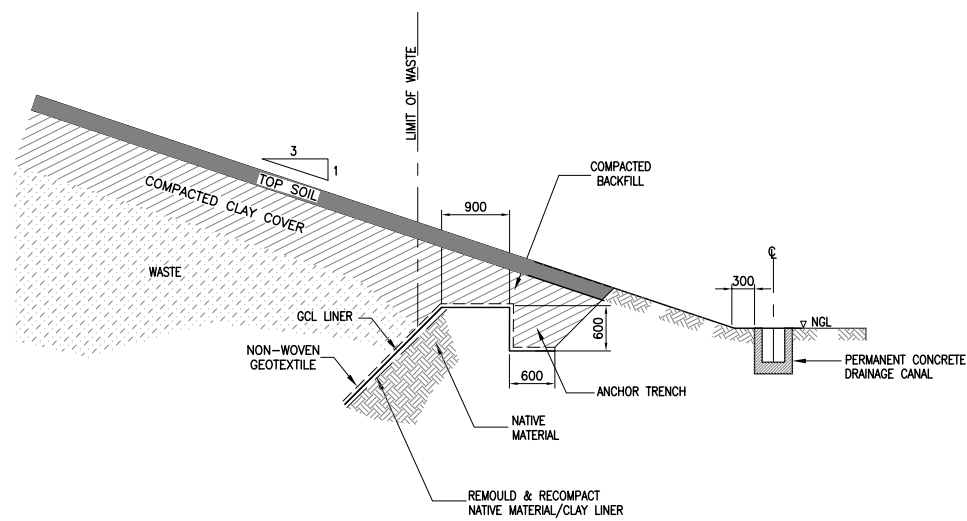
BASAL CLAY LINER DETAIL (TYPICAL)
SCALE 1 : 60 MTS



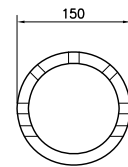
GEOCOMPOSITE CLAY LINER DETAIL (TYPICAL)
SCALE 1 : 80 MTS



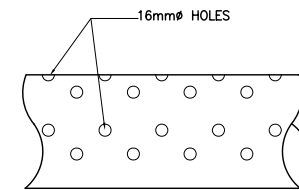
TOP COVER (TYPICAL)
SCALE 1 : 40 MTS



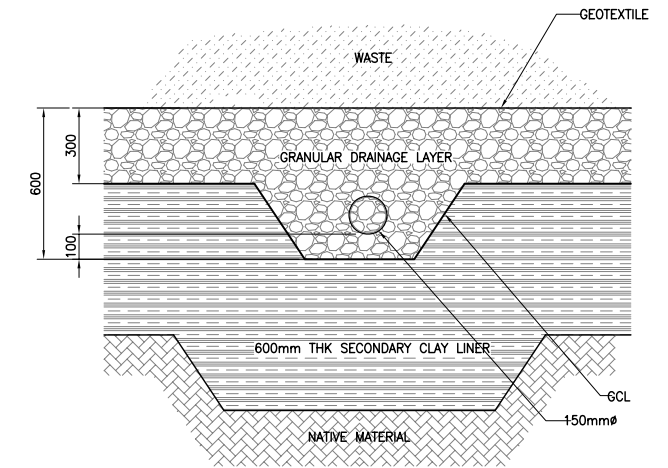
ANCHOR TRENCH DETAIL (TYPICAL)
SCALE 1 : 100 MTS




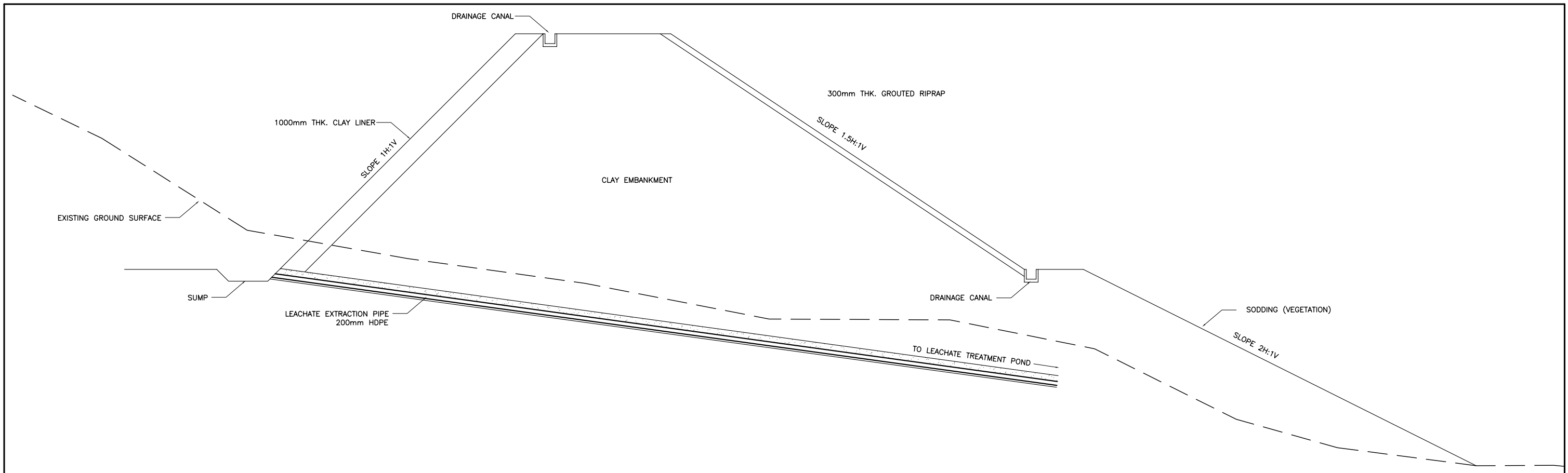
MAIN LEACHATE PIPE
SCALE 1 : 10 MTS



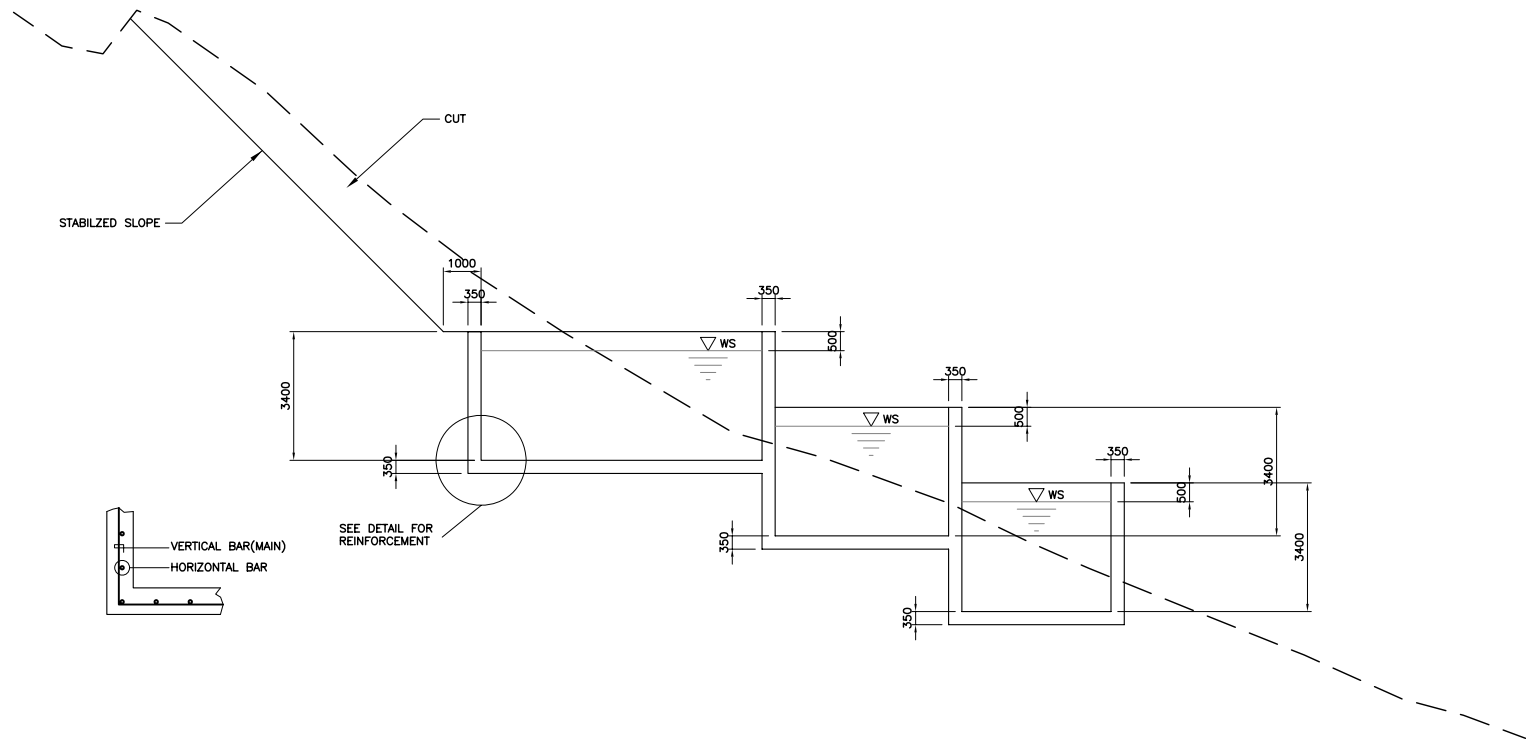
LEACHATE COLLECTION PIPE
SCALE 1 : 30 MTS



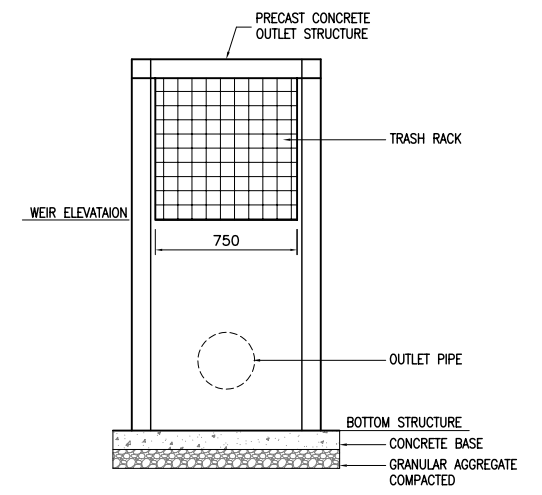
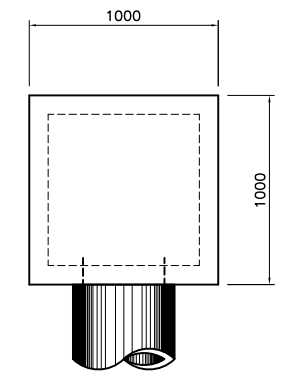
PROJECT TITLE:	CLIENT:	CONSULTANT:	DRAWING TITLE:	DESIGNED BY:	DRAWING CONTENT:	DRWG. NO.
THE MASTER PLAN ON SOLID WASTE MANAGEMENT FOR BORACAY ISLAND AND MALAY MUNICIPALITY	JAPAN INTERNATIONAL COOPERATION AGENCY	 NIPPON KOEI CO., LTD. 2, Kojimachi 4-chome, Chiyoda-ku Tokyo 102-0083 JAPAN Phone : +81-3-5276-3930 Fax : +81-3-5276-2656 E-mail : int.a@n-koei.co.jp http://www.n-koei.co.jp	DEVELOPMENT OF NEW LANDFILL SITE IN MALAY MUNICIPALITY	DRAWN BY:	TYPICAL DETAILS OF ENGINEERED BARRIER	K-06
				CHECKED BY:		
				APPROVED BY:		
				DATE: January 2008		
						SET NO. 6 OF 21




LEACHATE COLLECTION AND EXTRACTION SYSTEM
SCALE 1 : 2 MTS

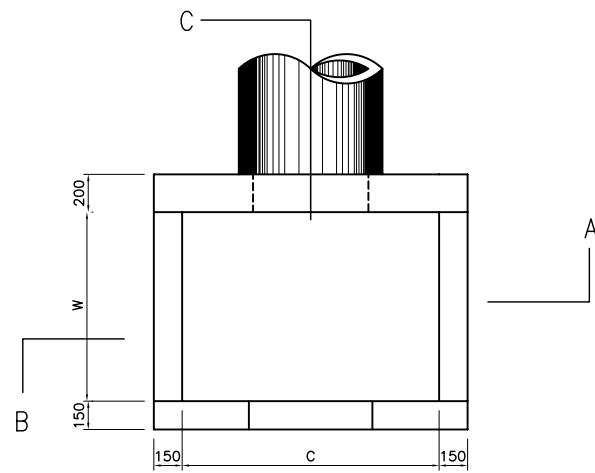


TYPICAL DETAIL OF LEACHATE TREATMENT SYSTEM
SCALE 1 : 1 MTS

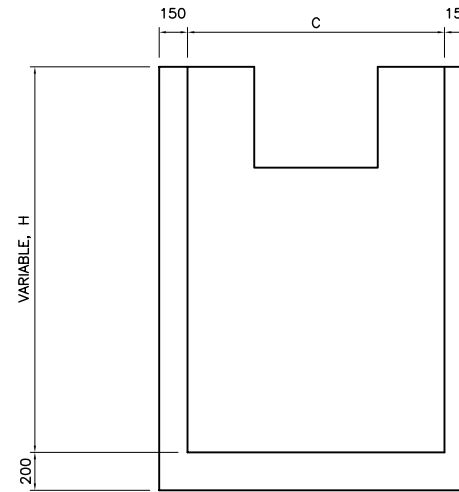


LEACHATE POND OUTLET STRUCTURE
SCALE 1 : 1 MTS

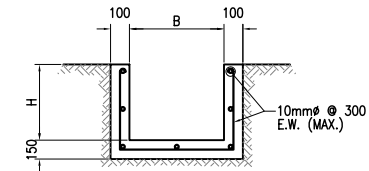
PROJECT TITLE:	CLIENT:	CONSULTANT:	DRAWING TITLE:	DESIGNED BY:	DRAWING CONTENT:	DRWG. NO.
THE MASTER PLAN ON SOLID WASTE MANAGEMENT FOR BORACAY ISLAND AND MALAY MUNICIPALITY	JAPAN INTERNATIONAL COOPERATION AGENCY	 NIPPON KOEI CO., LTD. 2, Kajimachi 4-chome, Chiyoda-ku Tokyo 102-0083 JAPAN Phone : +81-3-5276-3930 Fax : +81-3-5276-2656 E-mail : int.e@gx.n-koei.co.jp http://www.n-koei.co.jp	DEVELOPMENT OF NEW LANDFILL SITE IN MALAY MUNICIPALITY	DRAWN BY: CHECKED BY: APPROVED BY: DATE: January 2008	TYPICAL DETAILS OF LEACHATE EXTRACTION AND TREATMENT SYSTEM	K-07 SET NO. 7 OF 21



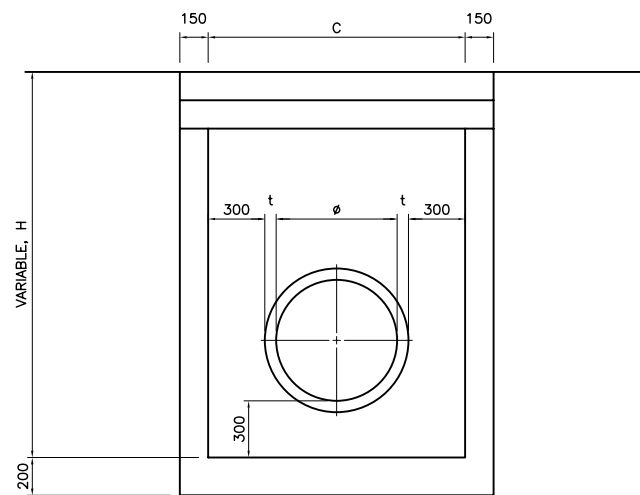
PLAN



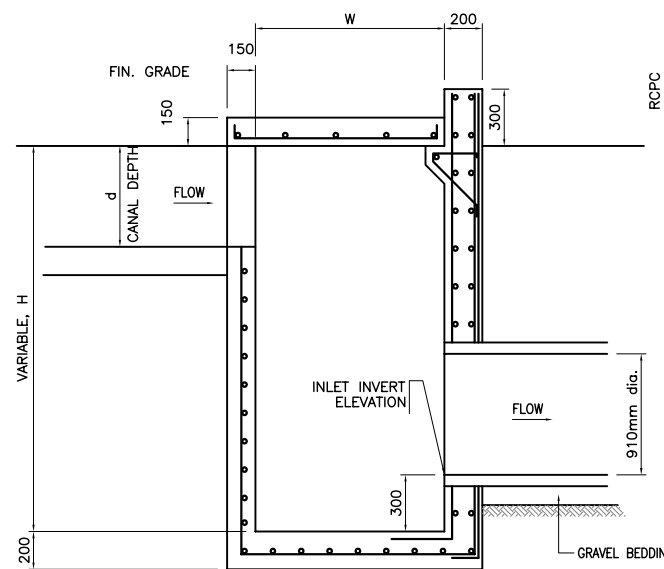
SECTION B



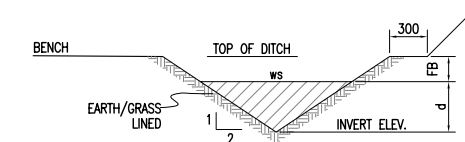
TYPICAL U-SHAPED DITCH
(PERMANENT DRAINAGE)
SCALE 1 : 1 M



SECTION A

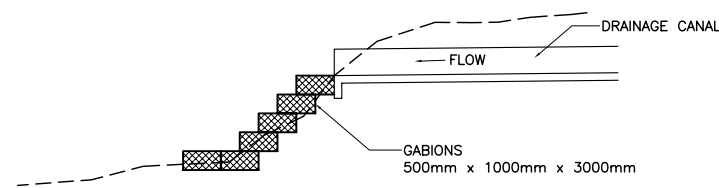


SECTION C

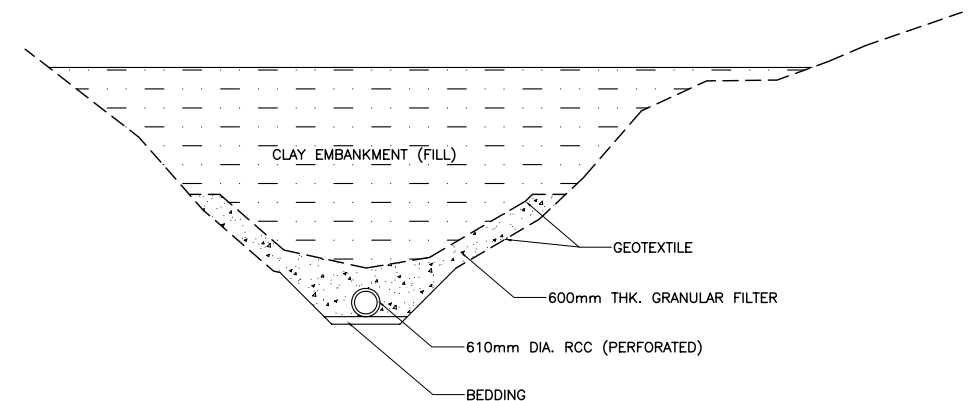


TYPICAL V-SHAPED DITCH
(TEMPORARY DRAINAGE)
SCALE NTS


JUNCTION BOX
SCALE 1 : 1 M

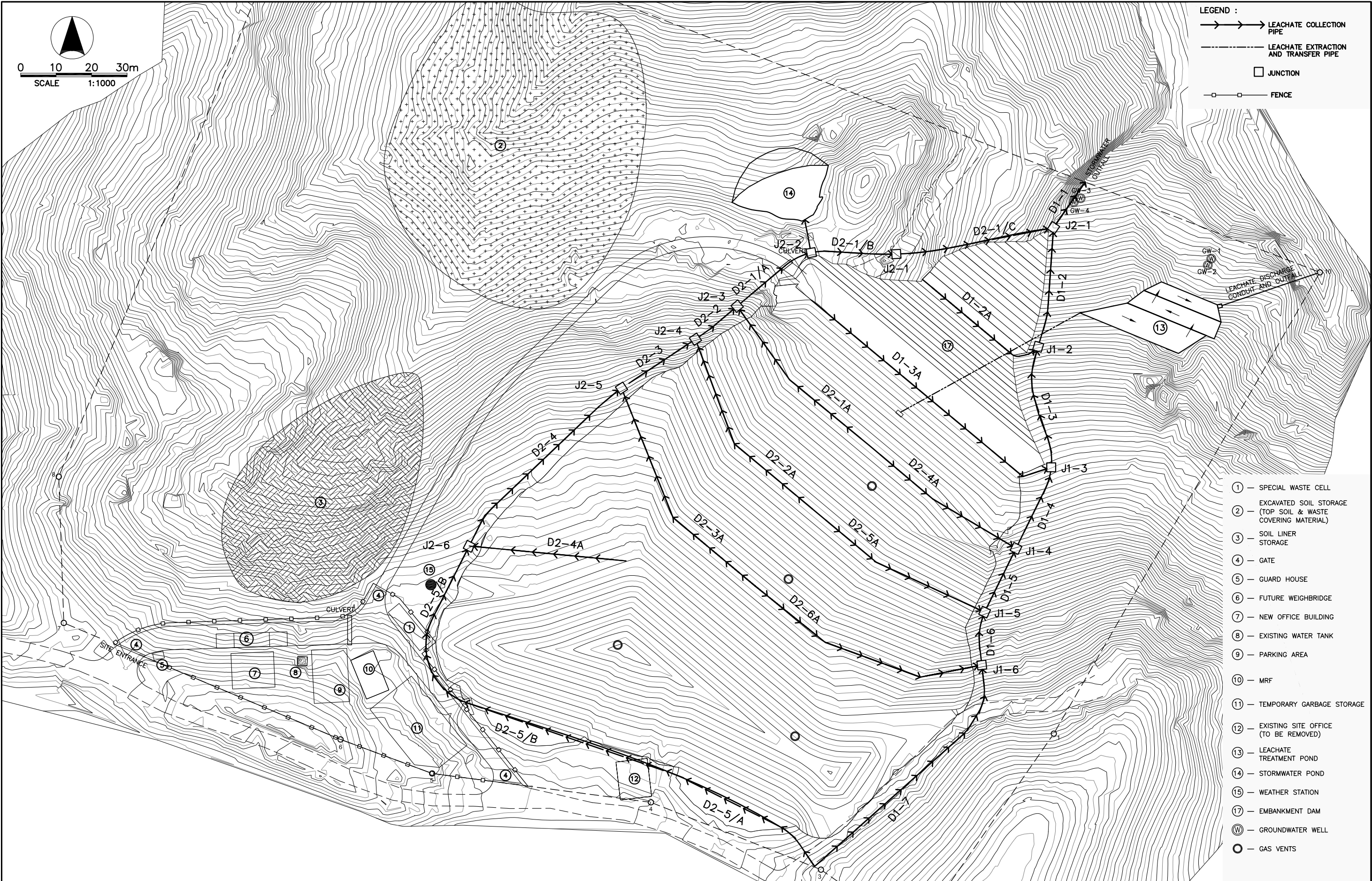


TYPICAL GABION OUTFALL
SCALE 1 : 1 M



GROUNDWATER INTERCEPTION DRAIN
SCALE NTS


PROJECT TITLE:	CLIENT:	CONSULTANT:	DRAWING TITLE:	DESIGNED BY:	DRAWING CONTENT:	DRWG. NO.
THE MASTER PLAN ON SOLID WASTE MANAGEMENT FOR BORACAY ISLAND AND MALAY MUNICIPALITY	JAPAN INTERNATIONAL COOPERATION AGENCY	 <p>NIPPON KOEI CO., LTD. 2, Kajimachi 4-chome, Chiyoda-ku Tokyo 102-0083 JAPAN Phone : +81-3-5276-3930 Fax : +81-3-5276-2656 E-mail : inte@gx.n-koei.co.jp http://www.n-koei.co.jp</p>	DEVELOPMENT OF NEW LANDFILL SITE IN MALAY MUNICIPALITY	DRAWN BY: CHECKED BY: APPROVED BY: DATE: January 2008	TYPICAL DETAILS FOR GROUNDWATER & SURFACE WATER DRAINAGE SYSTEM	K-08 SET NO. 8 OF 21



LEGEND :

- LEACHATE COLLECTION PIPE
- - - LEACHATE EXTRACTION AND TRANSFER PIPE
- JUNCTION
- FENCE

- ① — SPECIAL WASTE CELL
- ② — EXCAVATED SOIL STORAGE (TOP SOIL & WASTE COVERING MATERIAL)
- ③ — SOIL LINER STORAGE
- ④ — GATE
- ⑤ — GUARD HOUSE
- ⑥ — FUTURE WEIGHBRIDGE
- ⑦ — NEW OFFICE BUILDING
- ⑧ — EXISTING WATER TANK
- ⑨ — PARKING AREA
- ⑩ — MRF
- ⑪ — TEMPORARY GARBAGE STORAGE
- ⑫ — EXISTING SITE OFFICE (TO BE REMOVED)
- ⑬ — LEACHATE TREATMENT POND
- ⑭ — STORMWATER POND
- ⑮ — WEATHER STATION
- ⑰ — EMBANKMENT DAM
- Ⓜ — GROUNDWATER WELL
- ⊙ — GAS VENTS

PROJECT TITLE:	CLIENT:	CONSULTANT:	DRAWING TITLE:	DESIGNED BY:	DRAWING CONTENT:	DRWG. NO.
THE MASTER PLAN ON SOLID WASTE MANAGEMENT FOR BORACAY ISLAND AND MALAY MUNICIPALITY	JAPAN INTERNATIONAL COOPERATION AGENCY	 NIPPON KOEI CO., LTD. 2, Kojimachi 4-chome, Chiyoda-ku Tokyo 102-0083 JAPAN Phone : +81-3-5276-3930 Fax : +81-3-5276-2656 E-mail : int.a@gx.n-koei.co.jp http://www.n-koei.co.jp	DEVELOPMENT OF NEW LANDFILL SITE IN MALAY MUNICIPALITY	DRAWN BY: CHECKED BY: APPROVED BY: DATE: January 2008	RESTORATION CONTOURS AND SURFACE WATER MANAGEMENT SYSTEM PHASE 1	K-09 SET NO. 9 OF 21