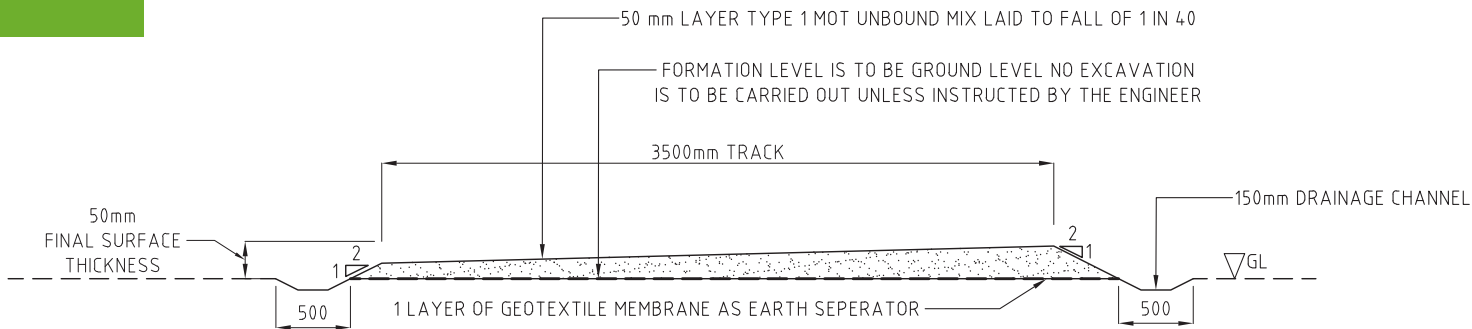
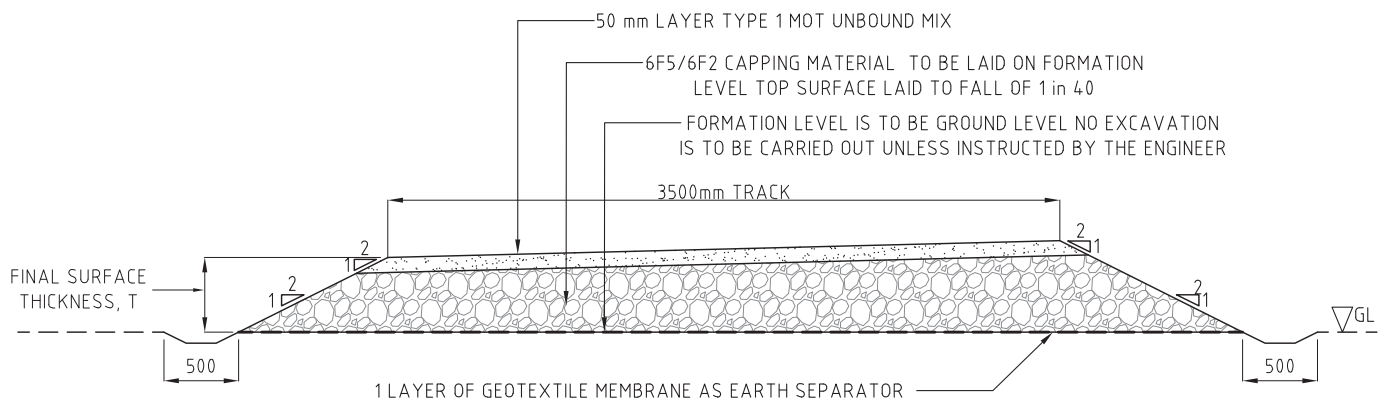




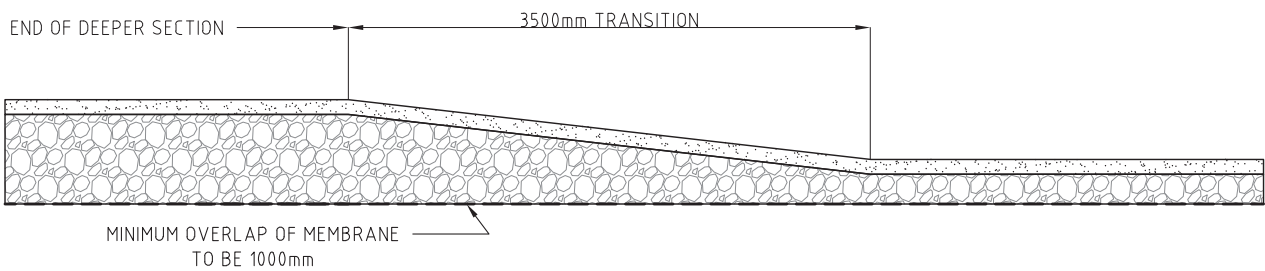
DETAIL 1:
TYPICAL SECTION THROUGH FLOATING ACCESS TRACK IF
SUBGRADE CBR VALUE IS GREATER THAN 10



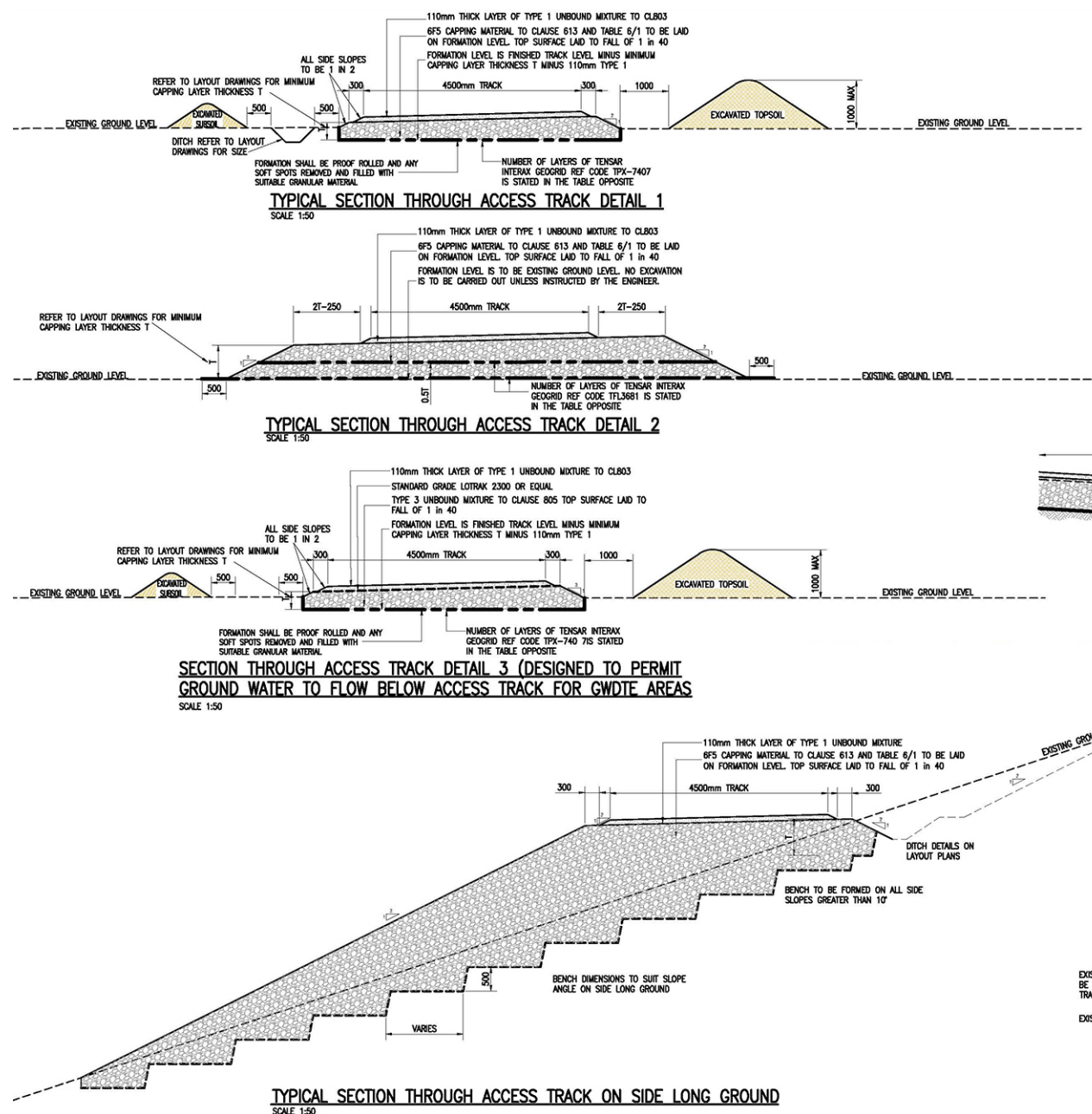
DETAIL 2:
TYPICAL SECTION THROUGH FLOATING ACCESS TRACK

TABLE 1 ACCESS TRACK THICKNESS DESIGN			
SUB-GRADE CBR VALUE	DCP (mm/blow)	TOTAL THICKNESS (T)	DETAIL No.
BETWEEN 1.5 TO 2.5	150 > DCP > 92	400mm	2
BETWEEN 2.5 TO 3.5	92 > DCP > 68	300mm	
BETWEEN 3.5 TO 5	68 > DCP > 48	200mm	
BETWEEN 5 TO 10	48 > DCP > 26	100mm	
GREATER THAN 10	DCP < 25	SURFACE GRADING & 50mm STONE WEARING COURSE ONLY	1

- MAXIMUM PERMISSIBLE LAYER STIFFNESS IS CONSIDERED 100MPa
DCP = DYNAMIC CONE PENETROMETER READING
- NOTES:
1. DCP TO BE CARRIED-OUT ALONG THE TRACK AT EVERY 100M INTERVAL.
 2. FOR ACCESS TRACK WITH SPAN LESS THAN 100M, A MINIMUM OF 2NO. DCP TEST BE CARRIED-OUT, IDEALLY AT EACH END.
 3. DESIGN OFFICE TO BE CONSULTED WHEN SITE IS ENVIRONMENTALLY RESTRICTED SUCH AS SSSI, RAMSAR, AND WHEN DCP READING EXCEEDS 150MM/BLOW.



TYPICAL TRANSITION BETWEEN FLOATING TRACKS OF
DIFFERENT DEPTHS



CBR VALUE	SUBGRADE SURFACE MODULUS (kPa)	TRACK TYPE	CRANE 16.5t AXLE LOADS			TENSAR INTERAX GEOGRID REF CODE	LOTTRAK STANDARD GRADE 2300
			STABILISED DEPTH T (mm)	NUMBER OF GEOGRID LAYERS	NON-STABILISED DEPTH T (mm)		
0.5	11	2	900	3	1670	TQH-9687	
1.0	18	2	345	1	910	TQH-9687	
1.5	23	2	295	1	710	TQH-9687	
2.0	27	1	300	1	670	TFY-0722	
2.5	32	1	270	1	635	TFY-0722	
3.0	36	1	245	1	605	TFY-0722	
4.0	43	1	225	1	540	TFY-0722	
5.0	49	1	225	1	470	TFY-0722	
6.0	55	1	225	1	380	TFY-0722	
7.0	61	1	225	1	290	TFY-0722	
8.0	67	1	225	n/a	225		Y
9.0	72	1	225	n/a	225		Y
10.0	77	1	225	n/a	225		Y

IF DEPTH OF TOPSOIL IS GREATER THAN THE DEPTH OF MATERIAL T THE THICKNESS IS TO BE INCREASED TO MATCH THE DEPTH OF TOPSOIL

ALL TRACKS HAVE A 110mm THICK LAYER OF TYPE 1 UNBOUND MIXTURE TO CL 803 RUNNING SURFACE

ALL TRACKS OVER AREAS OF PEAT TO BE TYPE 2

CALCULATED USING TENSAR'S HEAVY HAUL ROAD SOFTWARE

CLAY SOIL WITH A LOW PLASTICITY

VEHICLES ASSESSED

CRANE 150t WITH FIVE AXLES 16.5t PER AXLE

30t LORRY

6m³ CONCRETE MIXER

