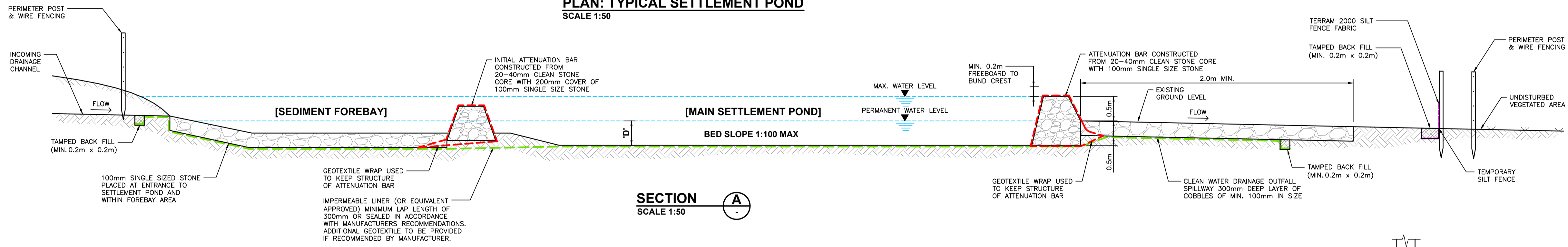
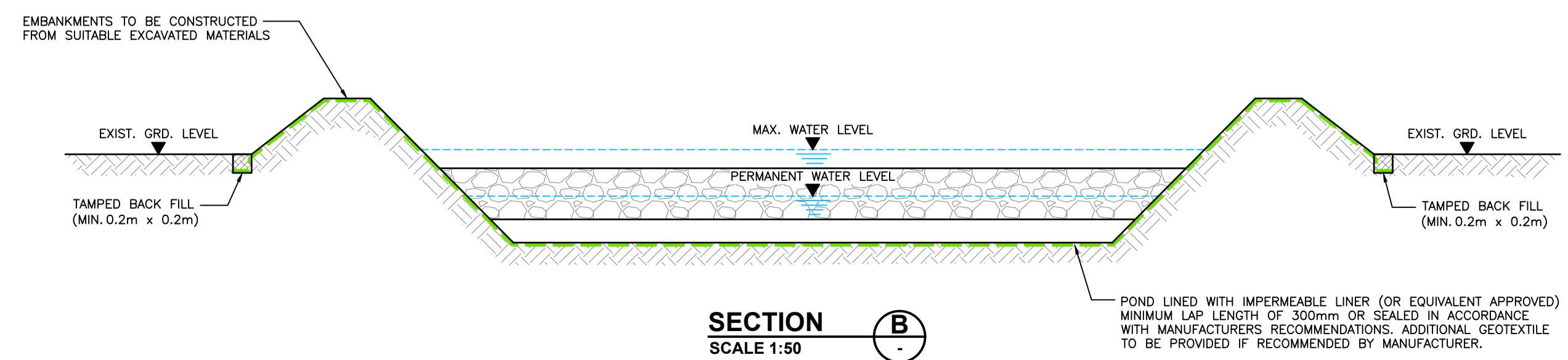


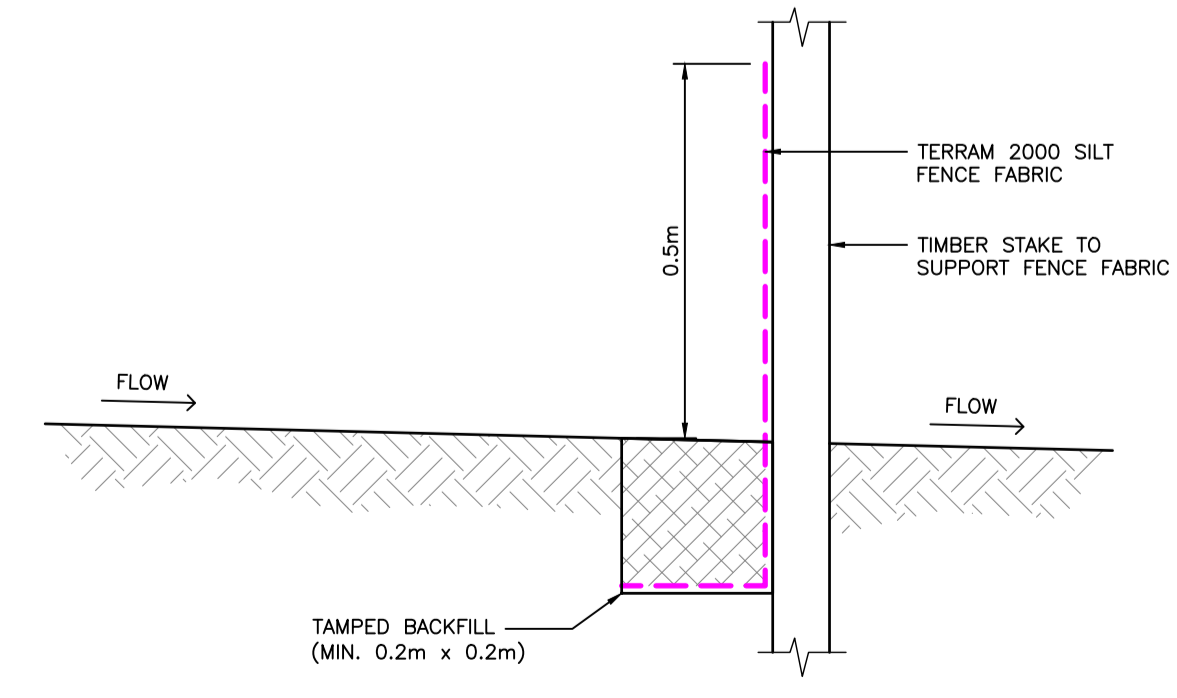
PLAN: TYPICAL SETTLEMENT POND
SCALE 1:50



SECTION A-A
SCALE 1:50



SECTION B-B
SCALE 1:50



TYPICAL SILT FENCE DETAIL
SCALE 1:10

TABLE 1: POND SCHEDULE

ITEM	POND TYPE	WIDTH (m)	LENGTH (m)	DEPTH (m)
1	2	10	0.5	
2	3.5	17.5	0.5	
3	7.0	35	0.5	
4	9.0	45	0.5	

- NOTES:**
- NO DEWATERING OF EXCAVATIONS SHALL PROCEED BEFORE A POND HAS BEEN CONSTRUCTED.
 - ALL PUMPED WATER TO DISCHARGE VIA A SILT BAG, PRIOR TO DISCHARGE TO PONDS.
 - MAX. ALLOWABLE GRADIENT OF 1:100 ACROSS POND.
 - 'DEEP WATER' SIGNAGE & LIFE BUOY TO BE PROVIDED.

- GENERAL DRAINAGE NOTES:**
- ALL DRAINAGE SUBJECT TO MICRO-SITING AND OPTIMISATION ON SITE.
 - LOCATIONS OF INTERCEPTOR DRAINS, CHECK DAMS, CULVERTS, SWALES, SETTLEMENT PONDS AND BUFFERED OUTFALLS/LEVEL SPREADERS ARE SHOWN AS INDICATIVE AND MAY BE CHANGED TO SUIT THE REQUIREMENTS OF THE LOCAL TOPOGRAPHY.
 - DOWN GRADIENT SLOPE BELOW BUFFERED OUTFALL/LEVEL SPREADER ONTO WHICH WATER WILL DISSIPATE TO HAVE A GRADE $\leq 6\%$.
 - SUPERVISING HYDROLOGIST OR ENVIRONMENTAL CLERK OF WORKS / ENVIRONMENTAL SCIENTIST TO OVERSEE INSTALLATION OF DRAINAGE FEATURES.
 - ALL DRAINAGE FEATURES SUBJECT TO INSPECTION & MAINTENANCE PLAN.
 - LAYOUT SHOWN IS SLIGHTLY OFFSET FOR SCALE PURPOSES. ALL DRAINAGE SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO ACCESS TRACKS/ROADS AS POSSIBLE.
 - EROSION PROTECTION TO PREVENT SCOUR TO BE PROVIDED IN DRAINAGE CHANNELS WITH A CHANGE IN DIRECTION <math>< 130^\circ</math> WHERE THE FALL EXCEEDS 1:40 AND AT ALL ROAD CROSSING CULVERT LOCATIONS, OR WHERE OTHERWISE DIRECTED BY THE SITE ENGINEER.
 - TEMPORARY EROSION PROTECTION MAY BE REQUIRED UNTIL VEGETATION BECOMES ESTABLISHED (COIR MATTING OR SIMILAR).
 - CONSTRUCTION PROCESSES THAT POSE RISK OF ACTIVATION OF SEDIMENT LADEN RUN-OFF TO BE HALTED DURING PERIODS OF EXTREME RAINFALL. NO EXCAVATION TO BE CARRIED OUT IN ADVANCE OF FORECASTED HEAVY RAINFALL.
 - MINIMISE STOCKPILING OF MATERIAL AND LOCATE ESSENTIAL STOCKPILES OUTSIDE BUFFER ZONES AND AS FAR AWAY AS POSSIBLE FROM WATERCOURSES.
 - MINIMUM 10 m BUFFER SHALL BE GIVEN BETWEEN SETTLEMENT POND / BUFFERED OUTFALL / LEVEL SPREADER OUTLET & ANY WATERCOURSE.

0	13/06/18	ISSUED FOR PLANNING	RK	RMG	DC	AD
REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP

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PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED
 CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

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DRAWING TITLE: **SETTLEMENT POND DETAILS**

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
R KELLY	R McGowan	D, Cody	A, Downey	13/06/2018
CLIENT REF	NO. OF SHTS	SIZE	SCALE	
	1	A1	N.T.S	

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