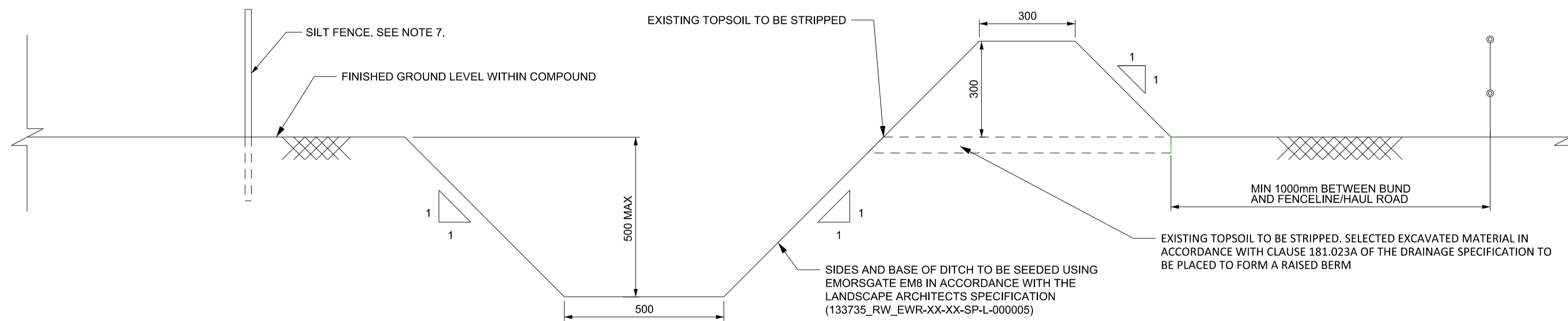
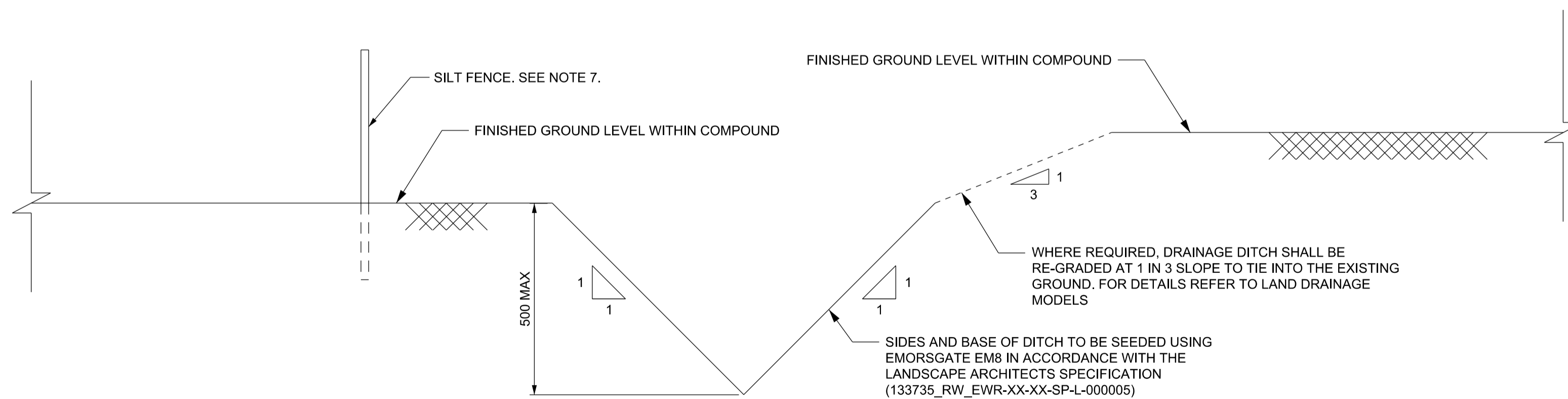


DITCH TYPE A: 500mm BASE WIDTH TRAPEZOIDAL DRAINAGE DITCH



DITCH TYPE B: 500mm BASE WIDTH TRAPEZOIDAL DRAINAGE DITCH AND BERM



DITCH TYPE C: DRAINAGE "V" DITCH

- NOTES
1. THIS DRAWING IS NOT TO BE SCALED.
  2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
  3. ALL WORKS TO BE IN ACCORDANCE WITH DRAINAGE SPECIFICATION 133735\_RW-EWR-XX-XX-SP-DR-000001.
  4. IN AREAS WHERE BACKFILL IS REQUIRED BETWEEN THE PROPOSED DRAINAGE DITCHES AND THE EXISTING GROUND, BACKFILL AND TOPSOILING SHALL BE IN ACCORDANCE WITH THE EWR EARTHWORKS SPECIFICATION 133735\_RW-EWR-XX-XX-SP-CE-000001 AND STANDARD DETAIL DRAWINGS.
  5. TOP OF BANK OF ALL DRAINAGE DITCHES TO BE POSITIONED AT A MINIMUM OF 1m FROM THE TOE OF EARTHWORKS, HAUL ROADS AND FENCE LINES UNLESS OTHERWISE STATED ON THE SITE SPECIFIC GENERAL ARRANGEMENT DRAWINGS AND 3D DRAINAGE MODELS.
  6. DRAINAGE DITCHES SHALL BE UNLINED UNLESS OTHERWISE STATED ON SITE SPECIFIC DRAINAGE GENERAL ARRANGEMENT DRAWINGS AND MANHOLE SCHEDULES.
  7. MINIMUM 500mm OFFSET TO BE MAINTAINED FROM CREST OF DITCH TO SILT FENCES. SILT FENCES SHALL BE WOVEN POLYETHYLENE AND TEAR RESISTANT WITH NON-FRAYING EDGES. HEIGHT OF SILT FENCE SHALL BE 1m AND HAVE A MINIMUM 32kN/m TENSILE STRENGTH AND OPENING SIZE OF 320µm. THE BOTTOM OF THE SILT FENCES SHALL BE BURIED A MINIMUM OF 100mm AND SECURED WITH 50mm DIAMETER POSTS AT 1500mm INTERVALS AT A MINIMUM DEPTH OF 500mm. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 600mm ABOVE GROUND LEVEL. REFER TO MANUFACTURER'S INSTALLATION GUIDANCE FOR FURTHER DETAILS.

Rev	Date	Description of Revisions	Desd	Chkd	Appr	Suitability
B01	28/02/20	For Consent				
Status						S2



Project  
**East West Rail  
(Western Section)  
Phase 2**

Drawing Title  
**Civil Engineering Drainage  
Standard Details  
Drainage Ditches**

Designed	Megha Korgal	Signed	M. Korgal	Date	27/02/20
Drawn	Sreeni Ramachandra Nair	Signed	S. R. Nair	Date	26/04/19
Checked	Gangadhar Aladakatti	Signed	G. Aladakatti	Date	27/02/20
Approved	Adrian Rose	Signed	A. Rose	Date	28/02/20

Scale(s)	ELR - Project Chainage (Miles Yards)	
NTS	XX - ALL	
Design Package Risk Classification	Normal	Sheet 1 of 4
Alternative Reference		Revision B01
Drawing Number	133735_RW-EWR-XX-ALL-DR-DH-050001	