



**NOTES**

1. ALL SEDIMENT AND EROSION CONTROLS TO BE ESTABLISHED PRIOR TO COMMENCING WITH EARTHWORKS
2. NO EARTHWORKS TO EXTEND BEYOND THE APPLICATION BOUNDARIES
3. ALL RETAINING WALLS ARE SUBJECT TO DETAILED DESIGN, RETAINED HEIGHTS MAY BE SUBJECT TO CHANGE AS A RESULT
4. ALL BATTERS GREATER THAN 1:3 TO BE APPROVED BY A GEO-TECHNICAL ENGINEER
5. SPUR EXTENSION EARTHWORKS MAY VARY SLIGHTLY TO ACHIEVE EARTHWORKS BALANCE. HEIGHT OF MOUND TO BE MAINTAINED IN ACCORDANCE WITH LANDSCAPE ASSESSMENT

**EARTHWORKS QUANTITIES**

**VOLUMES:**

CUT	
1. TOPSOIL STRIP	21,400m <sup>3</sup>
2. CUT TO SUBGRADE	58,600m <sup>3</sup>
<b>TOTAL CUT</b>	<b>80,000m<sup>3</sup></b>

FILL	
1. IMPORTED FILL FOR SUBGRADE IMPROVEMENT	2,900m <sup>3</sup>
2. IMPORTED FILL FOR SUB-BASE & BASECOURSE	3,500m <sup>3</sup>
3. IMPORTED MATERIAL FOR FOOTPATHS	900m <sup>3</sup>
4. IMPORTED BEDDING FOR BUILDING PLATFORMS	5,100m <sup>3</sup>
5. BALANCE FILL TO DESIGN SUBGRADE	9,400m <sup>3</sup>
6. BALANCE FILL TO DESIGN SPUR EXTENSION	48,000m <sup>3</sup>
6. RESPREAD TOPSOIL	9,500m <sup>3</sup>
<b>TOTAL FILL</b>	<b>74,400m<sup>3</sup></b>

BALANCE	
1. SPUR LEVELS ADJUSTED TO ACHIEVE BALANCE	0m <sup>3</sup>

**TOTAL AREA EXPOSED**

91,000m<sup>2</sup>

**CUT / FILL DEPTHS**

1. MAXIMUM CUT	-9.5m
2. MAXIMUM FILL	+12m

**LEGEND**

—	LEGAL BOUNDARY
- - -	EARTHWORKS EXTENT
10.0m +	
8.0m to 10.0m	
6.0m to 8.0m	
4.0m to 6.0m	
2.0m to 4.0m	
1.0m to 2.0m	
0.5m to 1.0m	
0.0m to 0.5m	
CUT	
0.0m to 0.5m	
0.5m to 1.0m	
1.0m to 2.0m	
2.0m to 4.0m	
4.0m to 6.0m	
6.0m to 8.0m	
8.0m to 10.0m	
10.0m +	

EARTHWORKS TO FORM DRY BASIN TO CAPTURE SEDIMENT FROM OVERLAND FLOW. DIMENSIONS AND EARTHWORKS VOLUME TO BE DETERMINED AT DETAILED DESIGN

EARTHWORKS IN EPHEMERAL STREAM TO FORM IN-LINE SEDIMENT TRAP. DIMENSIONS AND EARTHWORKS VOLUME TO BE DETERMINED AT DETAILED DESIGN

EXTENSION OF EXISTING SPUR

FINAL CUT BATTER GRADE BEHIND STUDIO IS SUBJECT TO DETAILED DESIGN

CREEK REALIGNMENT WORKS TO FORM AN IN-LINE SETTLEMENT POND