



228m<sup>3</sup> ATTENUATION STORAGE VOLUME (30-YEAR EVENT) REQUIRED BELOW 146.50  
BASE OF STORAGE @ 145.74  
MIN. BASE AREA OF 300m<sup>2</sup> REQUIRED

BUND @ 146.70 (TBC) TO STORE 80m<sup>3</sup> SPILLOVER VOLUME ON THE SURFACE (100-YEAR EVENT)

TREE PIT / PERMEABLE PAVING OUTLET TO SWALE

FRENCH DRAIN TO DISCHARGE INTO OPEN ATTENUATION

300mm HIGH BUND ALONG BOUNDARY

STONE RIP-RAP

PEDESTRIAN LOOP BETWEEN BANK TOE AND OPEN ATTENUATION

FRENCH DRAIN TO DISCHARGE INTO OPEN ATTENUATION

5m X 3m X 675mm DEEP TREE PIT WITH MIN. 20% POROSITY

4m X 3m X 675mm DEEP TREE PIT WITH MIN. 20% POROSITY

5m X 2.5m X 675mm DEEP TREE PIT WITH MIN. 20% POROSITY

FRENCH DRAIN AT BASE OF CUT TO DRAIN INTO TREE PIT

1000mm WIDE X 200mm DEEP SWALE WITH 1:3 SIDE SLOPES

1			
2			
No.	Construction Risk	Maintenance Risk	Demolition Risk
In addition to the hazards/risks normally associated with the types of work detailed on this drawing take note of the above.			

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX**

- DRAWING NOTES**
- ALL DIMENSIONS SHOWN ARE IN METRES UNLESS OTHERWISE STATED AND LEVELS IN METRES TO ORDINANCE DATUM.
  - DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE.
  - ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
  - THE LOCATIONS OF ANY KNOWN SERVICES SHOWN ON THIS DRAWING ARE APPROXIMATE AND FOR GUIDANCE ONLY. THE CONTRACTOR WILL CONFIRM THE LOCATION OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
  - THE ELECTRONIC VERSION OF THIS DRAWING IS NOT TO BE USED FOR SETTING OUT.

**LEGEND**

	PROPOSED ROAD SURFACE
	PROPOSED ACCESS WITHIN PARKING
	PROPOSED PERMEABLE PAVING
	PROPOSED SWALE
	PROPOSED SHARED SURFACE
	EXISTING CARRIAGEWAY
	PROPOSED TREE PIT (PLANTING AREA ABOVE)
	PROPOSED PLANTING AREA
	PROPOSED OPEN ATTENUATION
	PROPOSED 225ø PERFORATED SURFACE WATER PIPE
	PROPOSED 300mm FRENCH DRAIN
	PROPOSED BUND WITH LEVEL CREST
	PROPOSED BUND (300mm HIGH) TO FOLLOW EXISTING LEVELS
	PROPOSED BARRIER
	PROPOSED INSPECTION CHAMBER

P03	Comments	LAYOUT REVISED.								
Rev.:	Date	06/03/23	Drawn	PB	Designed	PB	Checked	MOD	Approved	MOD
P02	Comments	LAYOUT REVISED.								
Rev.:	Date	21/02/23	Drawn	PB	Designed	PB	Checked	MOD	Approved	MOD
P01	Comments	FOR REVIEW AND COMMENT.								
Rev.:	Date	27/01/23	Drawn	PB	Designed	PB	Checked	MOD	Approved	MOD

Client Approval

A - Approved  
B - Approved with Revisions  
C - Do Not Use

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Project **ROCK OF DUNAMASE CAR PARK**

Title **PROPOSED DRAINAGE LAYOUT**  
for

Client **LAOIS COUNTY COUNCIL**

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Drawn:	PB	27/01/2023	Designed:	PB	27/01/2023
Checked:	MOD	27/01/2023	Approved:	MOD	27/01/2023
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		Sheet Size:	A1		