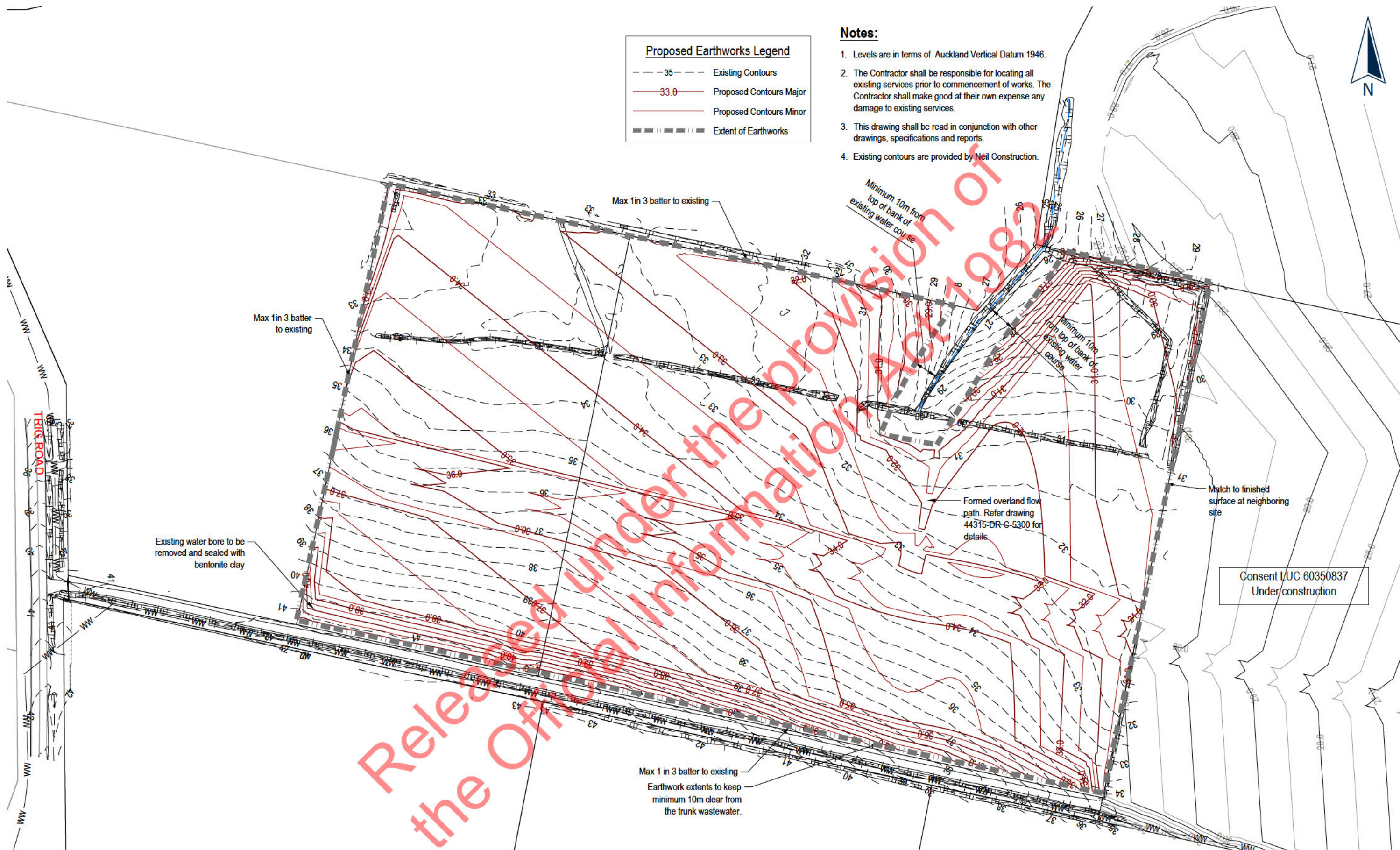




No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued for Information	MSC	20/01/2021
B	Issued for Resource Consent	MSC	29/01/2021
C	Issued for Resource Consent	MSC	14/04/2021
D	Issued for Resource Consent	MSC	09/06/2021

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	MSC 20/01/2021
DESIGNED	MSC 20/01/2021
DRAWN	MSC 20/01/2021
DATE	20/01/2021
ORIGINAL SCALE	1:1500
ORIGINAL SIZE	A3
DRAWING NO.	44979-DR-C-2000
REVISION	D

Bulk Earthworks Area & Unadjusted Volumes

Existing Surface to Finished Surface			
Area	Cut (m³)	Fill (m³)	Balance(m³)
67031m²	30250	21250	9000(Cut)

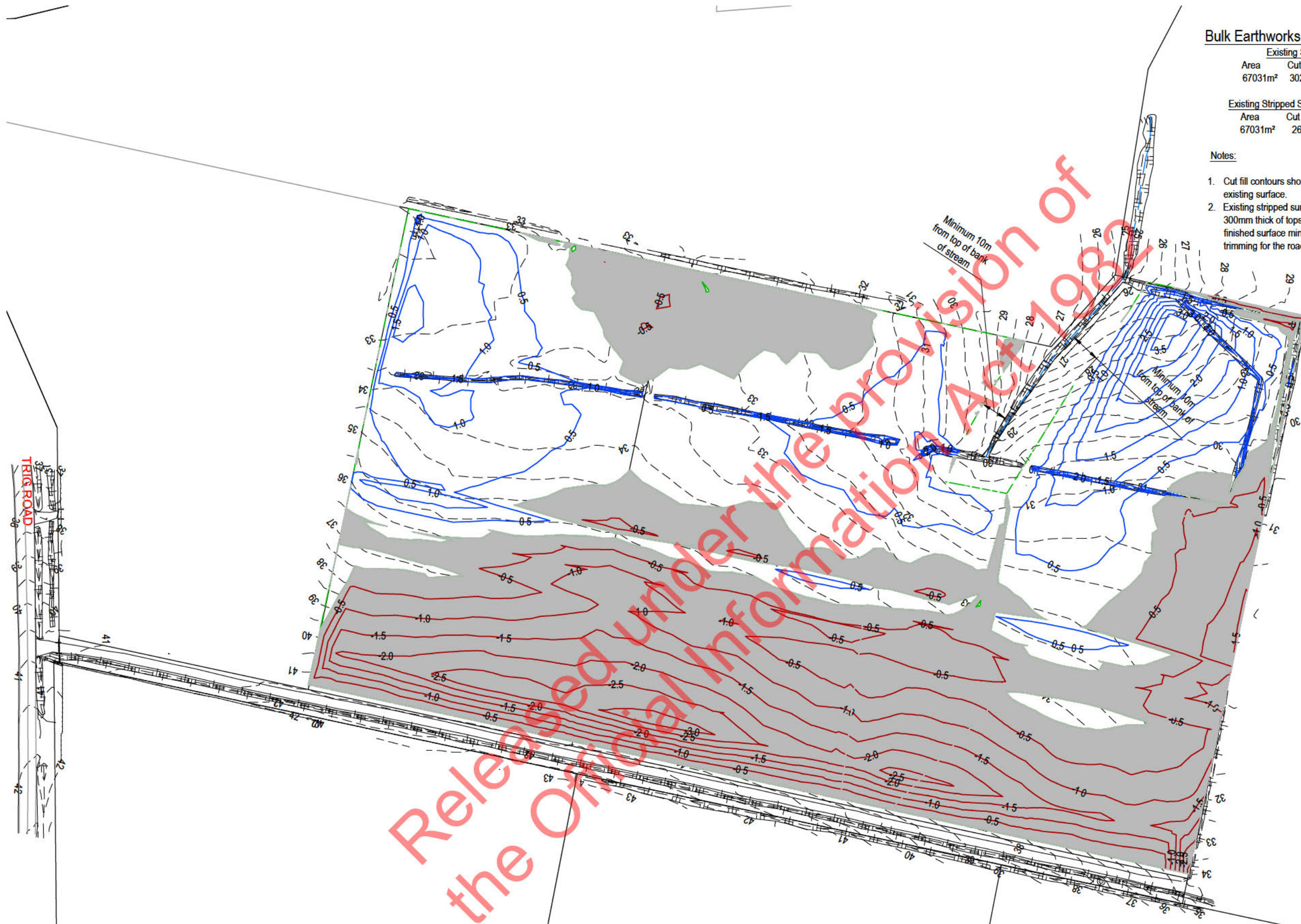
Existing Stripped Surface to Finished Subgrade Surface			
Area	Cut (m³)	Fill (m³)	Balance(m³)
67031m²	26810	24510	2300(Cut)

Notes:

1. Cut fill contours shown are derived from the finished surface to existing surface.
2. Existing stripped surface assumes the existing surface minus 300mm thick of topsoil; finished subgrade surface assumes finished surface minus 200mm thick of topsoil and 200mm deep trimming for the road at bulk earthworks stage.

Cut to Fill Legend

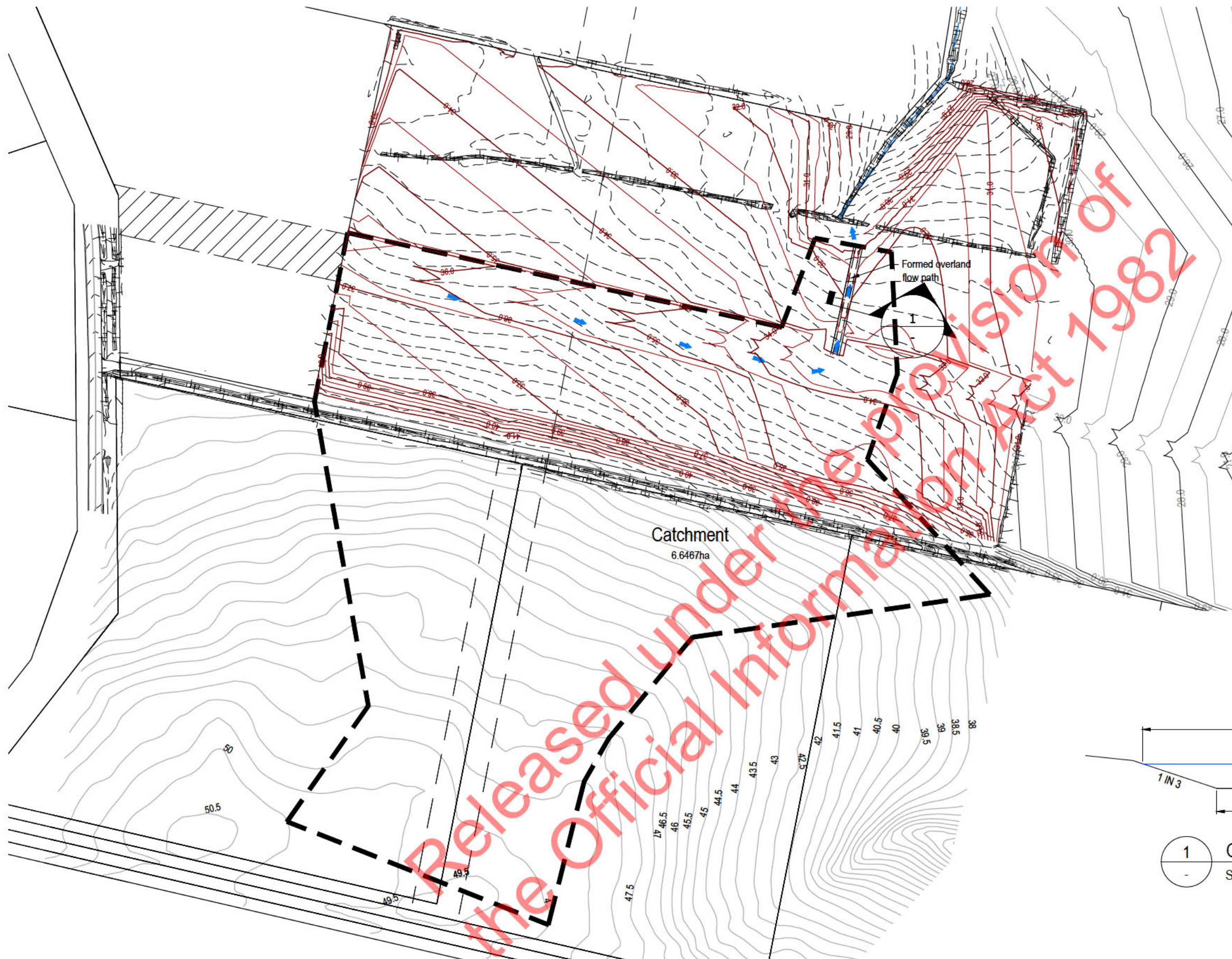
---	35	Existing Contours
---	0	Zero Contour
---	-1	Cut Contours & Area
---	1	Fill Contours & Area
---		Extent of Earthworks



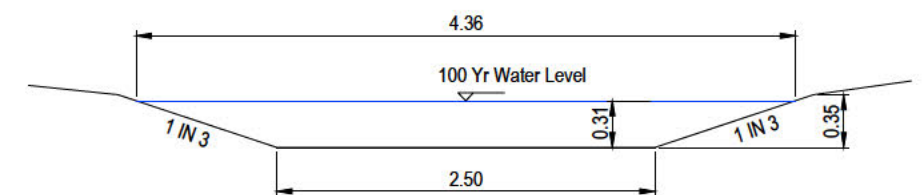
No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued for Information	MSC	20/01/2021
B	Issued for Resource Consent	MSC	29/01/2021
C	Issued for Resource Consent	MSC	14/04/2021
D	Issued for Resource Consent	MSC	14/04/2021

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	
DESIGNED	MSC 20/01/2021
DRAWN	MSC 20/01/2021
DATE	20/01/2021
ORIGINAL SCALE	1:1500
ORIGINAL SIZE	A3
DRAWING NO.	44979-DR-C-2100
REVISION	D



Legend	
---	Existing Contours
—0—	Proposed Contours Major
—	Proposed Contours Minor
----	Extent of Earthworks
---	Catchment Boundary



1 Overland Flow Path Typical Cross Section
Scale: 1:50

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued for Information	MSC	20/01/2021
B	Issued for Resource Consent	MSC	03/02/2021
C	Issued for Resource Consent	MSC	14/04/2021
D	Issued for Resource Consent	MSC	09/06/2021

	NAME	DATE
SURVEYED		
DESIGNED	MSC	20/01/2021
DRAWN	MSC	20/01/2021
DATE	20/01/2021	
ORIGINAL SCALE	1:2000	
ORIGINAL SIZE		A3
DRAWING NO.	44979-DR-C-5300	
REVISION		D