



1:100yr FLOOD EXTENTS, TWL 96.45m AOD

136m³ VOLUME LOSS*

1:500

Cut/Fill Summary						
Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
CUR_VolumeSurface-100yr vs topo	0.000	1.000	8478.629sq.m	0.000 Cu. M.	7802.587 Cu. M.	7802.587 Cu. M.<Fill>
CUR_VolumeSurface-100yr vs works	1.000	0.000	8478.629sq.m	7666.222 Cu. M.	0.000 Cu. M.	7666.222 Cu. M.<Cut>
Totals			16957.258sq.m	7666.222 Cu. M.	7802.587 Cu. M.	136.365 Cu. M.<Fill>

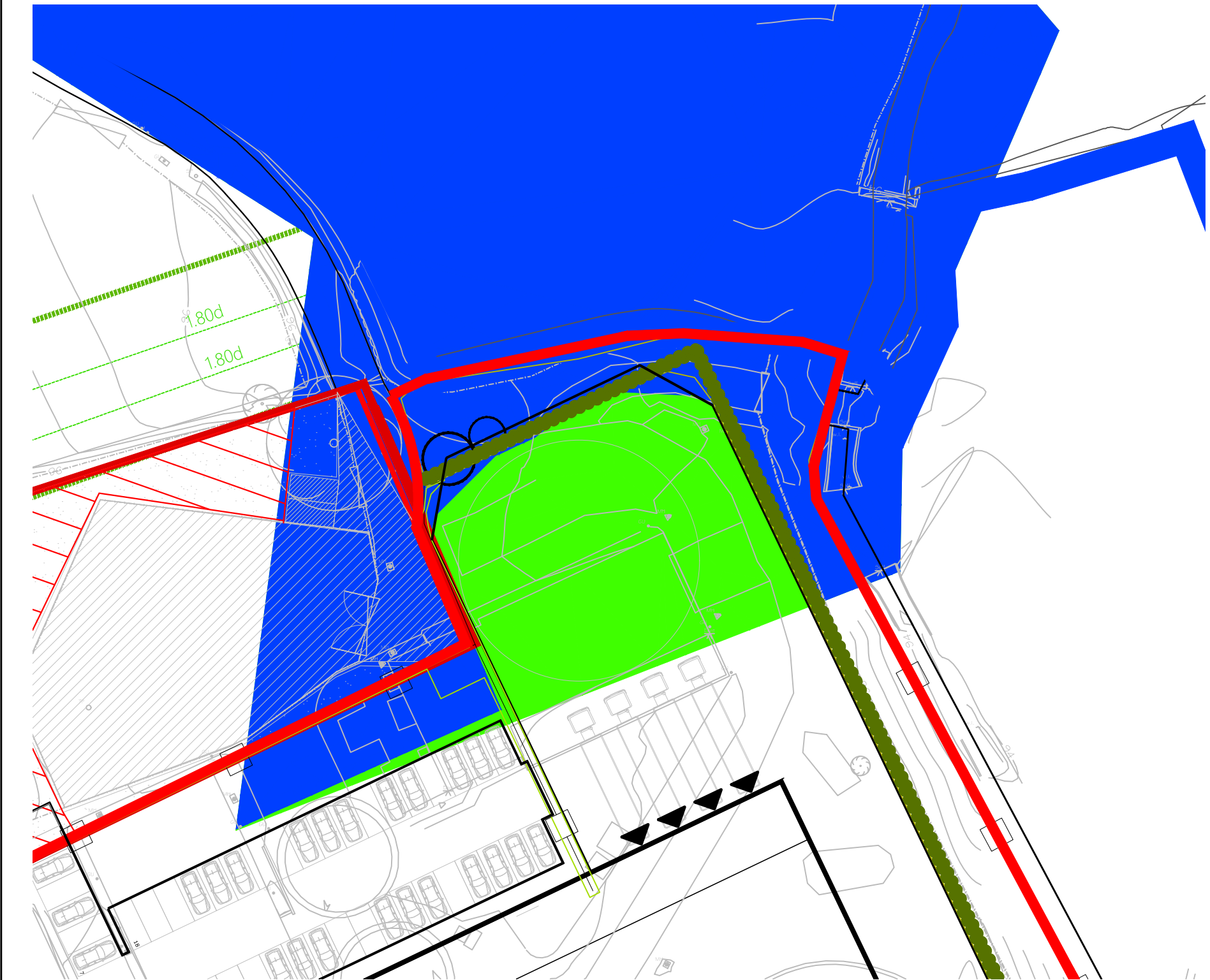


1:100yr+CC FLOOD EXTENTS, TWL 96.68m AOD

303m³ VOLUME LOSS*

1:500

Cut/Fill Summary						
Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
CUR_VolumeSurface-100cc vs topo	0.000	1.000	8478.629sq.m	0.000 Cu. M.	9367.243 Cu. M.	9367.243 Cu. M.<Fill>
CUR_VolumeSurface-100cc vs works	1.000	0.000	8478.629sq.m	9063.882 Cu. M.	0.000 Cu. M.	9063.882 Cu. M.<Cut>
Totals			16957.258sq.m	9063.882 Cu. M.	9367.243 Cu. M.	303.360 Cu. M.<Fill>



1:1000yr FLOOD EXTENTS, TWL 97.22m AOD

839m³ VOLUME LOSS*

1:500

Cut/Fill Summary						
Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
CUR_VolumeSurface-1000vs topo	0.000	1.000	8478.629sq.m	0.000 Cu. M.	13632.112 Cu. M.	13632.112 Cu. M.<Fill>
CUR_VolumeSurface-1000 vs works	1.000	0.000	8478.629sq.m	12792.771 Cu. M.	0.000 Cu. M.	12792.771 Cu. M.<Cut>
Totals			16957.258sq.m	12792.771 Cu. M.	13632.112 Cu. M.	839.341 Cu. M.<Fill>

NOTE THAT ALL VOLUMES ARE BASED ON SINGLE TWL FROM HECRAS XS36 (FROM FRC REPORT) EXTENDED DOWN STREAM TO HECRAS XS33

*FLOOD OUTLINE MODEL INDICATES LESSER EXTENT OF FLOODING THAN METHODOLOGY DICTATED AS REQUIRED

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DESIGN BASED ON TOPOGRAPHICAL SURVEY AND CCTV SURVEY INFORMATION AVAILABLE AT THE TIME OF DESIGN. ALL EXISTING SEWERS, CONNECTIONS, PIPE SIZES AND INVERT LEVELS TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS TO ENSURE CONNECTIVITY. ANY VARIANCE FROM THE INFORMATION SHOWN SHOULD BE REPORTED TO THE ENGINEER FOR REVIEW.
- DO NOT SCALE THIS DRAWING. ALL DETAILS AND DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
- ALL DIMENSIONS ARE IN METRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.

P01	FIRST ISSUE	10/11/20	OT	OT
Rev:	Description:	Date:	By:	Chkd:



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Status:	SKETCH
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Project:	INTERCHANGE 26
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Orig Title:	UNIT 1 FLOOD EXTENTS
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UNIT 1 FLOOD EXTENTS

Size:	Date:	Drawn By:	Designed By:	Checked By:			
A1	10/11/20	OT	OT	OT			
Scale: 1:500							
Project No:	Originator:	Volume:	Level:	Type:	Role:	Category / Number:	Rev:
065646 - CUR - 00	- ZZ	- DR	- C	- 04904	- P0		