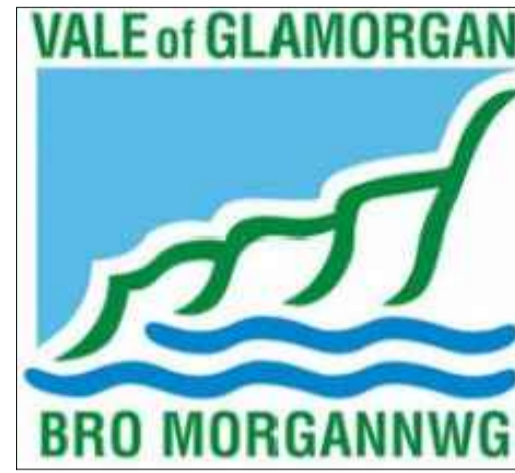


# LLANMAES VILLAGE FLOOD ALLEVIATION SCHEME



Project Management Initials: Designer: RD Checked: ATZ Approved: RM

Last saved by: RHYNS DAVIES(2021-05-02) Last Plotted: 2021-07-07  
 Filename: F:\PROJECTS\HIGHWAYS - LLANMAES FLOOD ALLEVIATION SCHEMES\0 CADDS\3 DRAWINGS\SERIES 0000 - INTR030 0000 GENERAL\60160078-ACM-SHT-30-0000-CT-0000.DWG

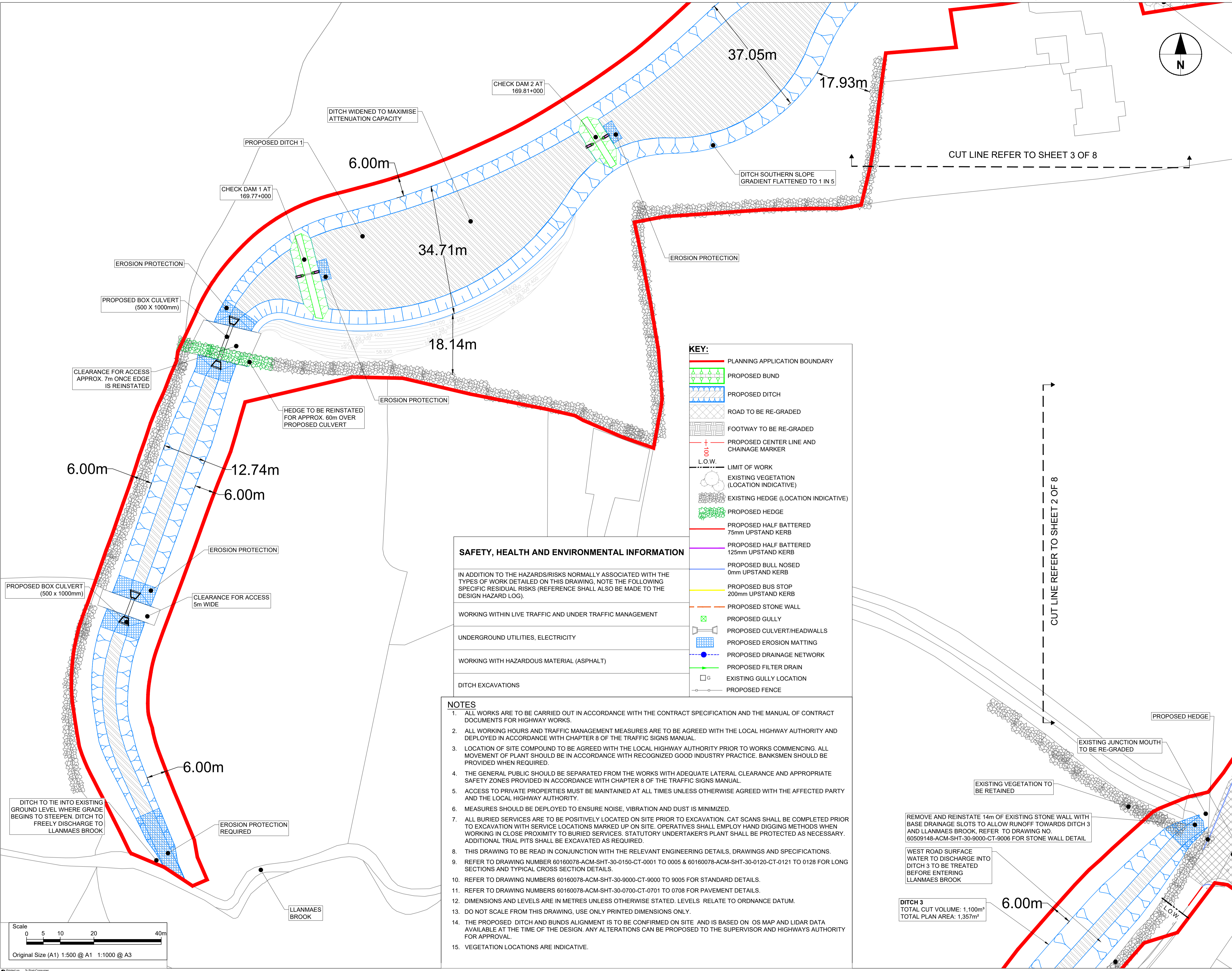
SN	SHEET NUMBER	SHEET TITLE	SN	SHEET NUMBER	SHEET TITLE	SN	SHEET NUMBER	SHEET TITLE
1	60509148-ACM-SHT-30-0000-CT-0000	COVER SHEET & DRAWING LIST	46	60160078-ACM-SHT-30-0150-CT-0177	DITCH 1 CROSS SECTION SHEET 12 OF 15	91	60509148-ACM-SHT-30-0200-CT-0201	SITE CLEARANCE PLAN - SHEET 1 OF 8
2	60509148-ACM-SHT-30-0000-CT-0001	LOCATION PLAN	47	60160078-ACM-SHT-30-0150-CT-0178	DITCH 1 CROSS SECTION SHEET 13 OF 15	92	60509148-ACM-SHT-30-0200-CT-0202	SITE CLEARANCE PLAN - SHEET 2 OF 8
3	60509148-ACM-SHT-30-0100-CT-0101	GENERAL ARRANGEMENT PLAN - SHEET 1 OF 8	48	60160078-ACM-SHT-30-0150-CT-0179	DITCH 1 CROSS SECTION SHEET 14 OF 15	93	60509148-ACM-SHT-30-0200-CT-0203	SITE CLEARANCE PLAN - SHEET 3 OF 8
4	60509148-ACM-SHT-30-0100-CT-0102	GENERAL ARRANGEMENT PLAN - SHEET 2 OF 8	49	60160078-ACM-SHT-30-0150-CT-0180	DITCH 1 CROSS SECTION SHEET 15 OF 15	94	60509148-ACM-SHT-30-0200-CT-0204	SITE CLEARANCE PLAN - SHEET 4 OF 8
5	60509148-ACM-SHT-30-0100-CT-0103	GENERAL ARRANGEMENT PLAN - SHEET 3 OF 8	50	60160078-ACM-SHT-30-0150-CT-0181	DITCH 2 CROSS SECTION SHEET 1 OF 6	95	60509148-ACM-SHT-30-0200-CT-0205	SITE CLEARANCE PLAN - SHEET 5 OF 8
6	60509148-ACM-SHT-30-0100-CT-0104	GENERAL ARRANGEMENT PLAN - SHEET 4 OF 8	51	60160078-ACM-SHT-30-0150-CT-0182	DITCH 2 CROSS SECTION SHEET 2 OF 6	96	60509148-ACM-SHT-30-0200-CT-0206	SITE CLEARANCE PLAN - SHEET 6 OF 8
7	60509148-ACM-SHT-30-0100-CT-0105	GENERAL ARRANGEMENT PLAN - SHEET 5 OF 8	52	60160078-ACM-SHT-30-0150-CT-0183	DITCH 2 CROSS SECTION SHEET 3 OF 6	97	60509148-ACM-SHT-30-0200-CT-0207	SITE CLEARANCE PLAN - SHEET 7 OF 8
8	60509148-ACM-SHT-30-0100-CT-0106	GENERAL ARRANGEMENT PLAN - SHEET 6 OF 8	53	60160078-ACM-SHT-30-0150-CT-0184	DITCH 2 CROSS SECTION SHEET 4 OF 6	98	60509148-ACM-SHT-30-0200-CT-0208	SITE CLEARANCE PLAN - SHEET 8 OF 8
9	60509148-ACM-SHT-30-0100-CT-0107	GENERAL ARRANGEMENT PLAN - SHEET 7 OF 8	54	60160078-ACM-SHT-30-0150-CT-0185	DITCH 2 CROSS SECTION SHEET 5 OF 6	99	60509148-ACM-SHT-30-0500-CT-0501	DRAINAGE NETWORK PLAN - SHEET 1 OF 8
10	60509148-ACM-SHT-30-0100-CT-0108	GENERAL ARRANGEMENT PLAN - SHEET 8 OF 8	55	60160078-ACM-SHT-30-0150-CT-0186	DITCH 2 CROSS SECTION SHEET 6 OF 6	100	60509148-ACM-SHT-30-0500-CT-0502	DRAINAGE NETWORK PLAN - SHEET 2 OF 8
11	60509148-ACM-SHT-30-0120-CT-0120	SECTIONS REFERENCE PLAN - SHEET 1 OF 1	56	60160078-ACM-SHT-30-0150-CT-0187	DITCH 3 CROSS SECTION SHEET 1 OF 2	101	60509148-ACM-SHT-30-0500-CT-0503	DRAINAGE NETWORK PLAN - SHEET 3 OF 8
12	60509148-ACM-SHT-30-0120-CT-0121	TYPICAL CROSS SECTION - SHEET 1 OF 8	57	60160078-ACM-SHT-30-0150-CT-0188	DITCH 3 CROSS SECTION SHEET 2 OF 2	102	60509148-ACM-SHT-30-0500-CT-0504	DRAINAGE NETWORK PLAN - SHEET 4 OF 8
13	60509148-ACM-SHT-30-0120-CT-0122	TYPICAL CROSS SECTION - SHEET 2 OF 8	58	60160078-ACM-SHT-30-0150-CT-0189	OVERSPILL B1 CROSS SECTIONS SHEET 1 OF 4	103	60509148-ACM-SHT-30-0500-CT-0505	DRAINAGE NETWORK PLAN - SHEET 5 OF 8
14	60509148-ACM-SHT-30-0120-CT-0123	TYPICAL CROSS SECTION - SHEET 3 OF 8	59	60160078-ACM-SHT-30-0150-CT-0190	OVERSPILL B1 CROSS SECTIONS SHEET 2 OF 4	104	60509148-ACM-SHT-30-0500-CT-0506	DRAINAGE NETWORK PLAN - SHEET 6 OF 8
15	60509148-ACM-SHT-30-0120-CT-0124	TYPICAL CROSS SECTION - SHEET 4 OF 8	60	60160078-ACM-SHT-30-0150-CT-0191	OVERSPILL B1 CROSS SECTIONS SHEET 3 OF 4	105	60509148-ACM-SHT-30-0500-CT-0507	DRAINAGE NETWORK PLAN - SHEET 7 OF 8
16	60509148-ACM-SHT-30-0120-CT-0125	TYPICAL CROSS SECTION - SHEET 5 OF 8	61	60160078-ACM-SHT-30-0150-CT-0192	OVERSPILL B1 CROSS SECTIONS SHEET 4 OF 4	106	60509148-ACM-SHT-30-0500-CT-0508	DRAINAGE NETWORK PLAN - SHEET 8 OF 8
17	60509148-ACM-SHT-30-0120-CT-0126	TYPICAL CROSS SECTION - SHEET 6 OF 8	62	60160078-ACM-SHT-30-0150-CT-0193	OVERSPILL B2 CROSS SECTIONS SHEET 1 OF 2	107	60509148-ACM-SHT-30-0500-CT-0510	CULVERT CROSSING SECTIONS SHEET 1 OF 7
18	60509148-ACM-SHT-30-0120-CT-0127	TYPICAL CROSS SECTION - SHEET 7 OF 8	63	60160078-ACM-SHT-30-0150-CT-0194	OVERSPILL B2 CROSS SECTIONS SHEET 2 OF 2	108	60509148-ACM-SHT-30-0500-CT-0511	CULVERT CROSSING SECTIONS SHEET 2 OF 7
19	60509148-ACM-SHT-30-0120-CT-0128	TYPICAL CROSS SECTION - SHEET 8 OF 8	64	60160078-ACM-SHT-30-0150-CT-0195	GREYSTONE HOUSE ACCESS CROSS SECTIONS	109	60509148-ACM-SHT-30-0500-CT-0512	CULVERT CROSSING SECTIONS SHEET 3 OF 7
20	60160078-ACM-SHT-30-0150-CT-0151	BUND 1 CROSS SECTION SHEET 1 OF 3	65	60160078-ACM-SHT-30-0150-CT-0196	RECTORY COURT JUNCTION CROSS SECTIONS	110	60509148-ACM-SHT-30-0500-CT-0513	CULVERT CROSSING SECTIONS SHEET 4 OF 7
21	60160078-ACM-SHT-30-0150-CT-0152	BUND 1 CROSS SECTION SHEET 2 OF 3	66	60160078-ACM-SHT-30-0150-CT-0197	SIGGINSTON LANE JUNCTION CROSS SECTIONS	111	60509148-ACM-SHT-30-0500-CT-0514	CULVERT CROSSING SECTIONS SHEET 5 OF 7
22	60160078-ACM-SHT-30-0150-CT-0153	BUND 1 CROSS SECTION SHEET 3 OF 3	67	60160078-ACM-SHT-30-0150-CT-0198	SOUTHERN FARM ACCESS NORTH JUNCTION CROSS SECTIONS	112	60509148-ACM-SHT-30-0500-CT-0515	CULVERT CROSSING SECTIONS SHEET 6 OF 7
23	60160078-ACM-SHT-30-0150-CT-0154	BUND 2 CROSS SECTION SHEET 1 OF 5	68	60160078-ACM-SHT-30-0150-CT-0199	TYLE HOUSE CLOSE SOUTH JUNCTION CROSS SECTIONS	113	60509148-ACM-SHT-30-0500-CT-0516	CULVERT CROSSING SECTIONS SHEET 7 OF 7
24	60160078-ACM-SHT-30-0150-CT-0155	BUND 2 CROSS SECTION SHEET 2 OF 5	69	60160078-ACM-SHT-30-0150-CT-0200	WEST ACRE JUNCTION CROSS SECTIONS	114	60509148-ACM-SHT-30-0700-CT-0701	NOT USED
25	60160078-ACM-SHT-30-0150-CT-0156	BUND 2 CROSS SECTION SHEET 3 OF 5	70	60160078-ACM-SHT-30-0150-CT-0201	SOUTHERN JUNCTION LONGITUDINAL SECTIONS	115	60509148-ACM-SHT-30-0700-CT-0702	PAVEMENT LAYOUT - SHEET 2 OF 8
26	60160078-ACM-SHT-30-0150-CT-0157	BUND 2 CROSS SECTION SHEET 4 OF 5	71	60160078-ACM-SHT-30-0150-CT-0202	MIDDLE JUNCTION LONGITUDINAL SECTIONS	116	60509148-ACM-SHT-30-0700-CT-0703	PAVEMENT LAYOUT - SHEET 3 OF 8
27	60160078-ACM-SHT-30-0150-CT-0158	BUND 2 CROSS SECTION SHEET 5 OF 5	72	60160078-ACM-SHT-30-0150-CT-0203	NORTHERN JUNCTION LONGITUDINAL SECTIONS	117	60509148-ACM-SHT-30-0700-CT-0704	PAVEMENT LAYOUT - SHEET 4 OF 8
28	60160078-ACM-SHT-30-0150-CT-0159	BUND 3 CROSS SECTION SHEET 1 OF 4	73	60160078-ACM-SHT-30-0150-CT-0204	VILLAGE GREEN NORTH JUNCTION LONGITUDINAL SECTIONS	118	60509148-ACM-SHT-30-0700-CT-0705	NOT USED
29	60160078-ACM-SHT-30-0150-CT-0160	BUND 3 CROSS SECTION SHEET 2 OF 4	74	60160078-ACM-SHT-30-0150-CT-0205	VILLAGE GREEN CROSS SECTIONS 1 OF 4	119	60509148-ACM-SHT-30-0700-CT-0706	PAVEMENT LAYOUT - SHEET 6 OF 8
30	60160078-ACM-SHT-30-0150-CT-0161	BUND 3 CROSS SECTION SHEET 3 OF 4	75	60160078-ACM-SHT-30-0150-CT-0206	VILLAGE GREEN CROSS SECTIONS 2 OF 4	120	60509148-ACM-SHT-30-0700-CT-0707	NOT USED
31	60160078-ACM-SHT-30-0150-CT-0162	BUND 3 CROSS SECTION SHEET 4 OF 4	76	60160078-ACM-SHT-30-0150-CT-0207	VILLAGE GREEN CROSS SECTIONS 3 OF 4	121	60509148-ACM-SHT-30-0700-CT-0708	NOT USED
32	60160078-ACM-SHT-30-0150-CT-0163	BUND 4 CROSS SECTION SHEET 1 OF 3	77	60160078-ACM-SHT-30-0150-CT-0208	VILLAGE GREEN CROSS SECTIONS 4 OF 4	122	60509148-ACM-SHT-30-01100-CT-1101	NOT USED
33	60160078-ACM-SHT-30-0150-CT-0164	BUND 4 CROSS SECTION SHEET 2 OF 3	78	60160078-ACM-SHT-30-0150-CT-0001	LONGITUDINAL SECTION - SHEET 1 OF 4	123	60509148-ACM-SHT-30-01100-CT-1102	KERBS LAYOUT - SHEET 2 OF 8
34	60160078-ACM-SHT-30-0150-CT-0165	BUND 4 CROSS SECTION SHEET 3 OF 3	79	60160078-ACM-SHT-30-0150-CT-0002	LONGITUDINAL SECTION - SHEET 2 OF 4	124	60509148-ACM-SHT-30-01100-CT-1103	NOT USED
35	60160078-ACM-SHT-30-0150-CT-0166	DITCH 1 CROSS SECTION SHEET 1 OF 15	80	60160078-ACM-SHT-30-0150-CT-0003	LONGITUDINAL SECTION - SHEET 3 OF 5	125	60509148-ACM-SHT-30-01100-CT-1104	NOT USED
36	60160078-ACM-SHT-30-0150-CT-0167	DITCH 1 CROSS SECTION SHEET 2 OF 15	81	60160078-ACM-SHT-30-0150-CT-0004	LONGITUDINAL SECTION - SHEET 4 OF 5	126	60509148-ACM-SHT-30-01100-CT-1105	NOT USED
37	60160078-ACM-SHT-30-0150-CT-0168	DITCH 1 CROSS SECTION SHEET 3 OF 15	82	60160078-ACM-SHT-30-0150-CT-0005	LONGITUDINAL SECTION - SHEET 5 OF 5	127	60509148-ACM-SHT-30-01100-CT-1106	KERBS LAYOUT - SHEET 6 OF 8
38	60160078-ACM-SHT-30-0150-CT-0169	DITCH 1 CROSS SECTION SHEET 4 OF 15	83	60509148-ACM-SHT-30-0140-CT-0140	NOT USED	128	60509148-ACM-SHT-30-01100-CT-1107	NOT USED
39	60160078-ACM-SHT-30-0150-CT-0170	DITCH 1 CROSS SECTION SHEET 5 OF 15	84	60509148-ACM-SHT-30-0140-CT-0141	UTILITIES PLAN - SHEET 2 OF 8	129	60509148-ACM-SHT-30-01100-CT-1108	NOT USED
40	60160078-ACM-SHT-30-0150-CT-0171	DITCH 1 CROSS SECTION SHEET 6 OF 15	85	60509148-ACM-SHT-30-0140-CT-0142	UTILITIES PLAN - SHEET 3 OF 8	130	60509148-ACM-SHT-30-9000-CT-9000	STANDARD DETAILS - SHEET 1 OF 6
41	60160078-ACM-SHT-30-0150-CT-0172	DITCH 1 CROSS SECTION SHEET 7 OF 15	86	60509148-ACM-SHT-30-0140-CT-0143	NOT USED	131	60509148-ACM-SHT-30-9000-CT-9001	STANDARD DETAILS - SHEET 2 OF 6
42	60160078-ACM-SHT-30-0150-CT-0173	DITCH 1 CROSS SECTION SHEET 8 OF 15	87	60509148-ACM-SHT-30-0140-CT-0144	NOT USED	132	60509148-ACM-SHT-30-9000-CT-9002	STANDARD DETAILS - SHEET 3 OF 6
43	60160078-ACM-SHT-30-0150-CT-0174	DITCH 1 CROSS SECTION SHEET 9 OF 15	88	60509148-ACM-SHT-30-0140-CT-0145	UTILITIES PLAN - SHEET 6 OF 8	133	60509148-ACM-SHT-30-9000-CT-9003	STANDARD DETAILS - SHEET 4 OF 6
44	60160078-ACM-SHT-30-0150-CT-0175	DITCH 1 CROSS SECTION SHEET 10 OF 15	89	60509148-ACM-SHT-30-0140-CT-0146	NOT USED	134	60509148-ACM-SHT-30-9000-CT-9004	STANDARD DETAILS - SHEET 5 OF 6
45	60160078-ACM-SHT-30-0150-CT-0176	DITCH 1 CROSS SECTION SHEET 11 OF 15	90	60509148-ACM-SHT-30-0140-CT-0147	NOT USED	135	60509148-ACM-SHT-30-9000-CT-9005	STANDARD DETAILS - SHEET 6 OF 6

ISSUE/REVISION	DATE	DESCRIPTION
C	07/07/2021	FOR PRICING
B	26/02/2021	DETAILED DESIGN
A	16/12/2020	DRAFT DETAILED DESIGN

**SHEET TITLE**  
 LLANMAES VILLAGE  
 FLOOD ALLEVIATION SCHEME  
 SERIES 0000  
 COVER SHEET & DRAWING LIST  
**SHEET NUMBER**  
 60160078-ACM-SHT-30-0000-CT-0000



Project Management Initials: Designer: RD Checked: MH Approved: ATz  
Last saved by: RHYS DAVIES(2021-07-15) Last Plotted: 2021-07-20  
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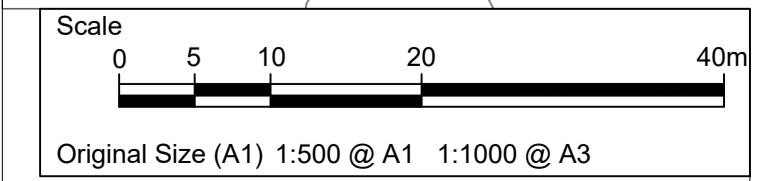
- PLANNING APPLICATION BOUNDARY
- PROPOSED BUND
- PROPOSED DITCH
- ROAD TO BE RE-GRADED
- FOOTWAY TO BE RE-GRADED
- PROPOSED CENTER LINE AND CHAINAGE MARKER
- LIMIT OF WORK
- EXISTING VEGETATION (LOCATION INDICATIVE)
- EXISTING HEDGE (LOCATION INDICATIVE)
- PROPOSED HEDGE
- PROPOSED HALF BATTERED 75mm UPSTAND KERB
- PROPOSED HALF BATTERED 125mm UPSTAND KERB
- PROPOSED BULL NOSED 0mm UPSTAND KERB
- PROPOSED BUS STOP 200mm UPSTAND KERB
- PROPOSED STONE WALL
- PROPOSED GULLY
- PROPOSED CULVERT/HEADWALLS
- PROPOSED EROSION MATTING
- PROPOSED DRAINAGE NETWORK
- PROPOSED FILTER DRAIN
- EXISTING GULLY LOCATION
- PROPOSED FENCE

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

- IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SPECIFIC RESIDUAL RISKS (REFERENCE SHALL ALSO BE MADE TO THE DESIGN HAZARD LOG).
- WORKING WITHIN LIVE TRAFFIC AND UNDER TRAFFIC MANAGEMENT
- UNDERGROUND UTILITIES, ELECTRICITY
- WORKING WITH HAZARDOUS MATERIAL (ASPHALT)
- DITCH EXCAVATIONS

**NOTES**

- ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CONTRACT SPECIFICATION AND THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS.
- ALL WORKING HOURS AND TRAFFIC MANAGEMENT MEASURES ARE TO BE AGREED WITH THE LOCAL HIGHWAY AUTHORITY AND DEPLOYED IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
- LOCATION OF SITE COMPOUND TO BE AGREED WITH THE LOCAL HIGHWAY AUTHORITY PRIOR TO WORKS COMMENCING. ALL MOVEMENT OF PLANT SHOULD BE IN ACCORDANCE WITH RECOGNIZED GOOD INDUSTRY PRACTICE. BANKSMEN SHOULD BE PROVIDED WHEN REQUIRED.
- THE GENERAL PUBLIC SHOULD BE SEPARATED FROM THE WORKS WITH ADEQUATE LATERAL CLEARANCE AND APPROPRIATE SAFETY ZONES PROVIDED IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
- ACCESS TO PRIVATE PROPERTIES MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED WITH THE AFFECTED PARTY AND THE LOCAL HIGHWAY AUTHORITY.
- MEASURES SHOULD BE DEPLOYED TO ENSURE NOISE, VIBRATION AND DUST IS MINIMIZED.
- ALL BURIED SERVICES ARE TO BE POSITIVELY LOCATED ON SITE PRIOR TO EXCAVATION. CAT SCANS SHALL BE COMPLETED PRIOR TO EXCAVATION WITH SERVICE LOCATIONS MARKED UP ON SITE. OPERATIVES SHALL EMPLOY HAND DIGGING METHODS WHEN WORKING IN CLOSE PROXIMITY TO BURIED SERVICES. STATUTORY UNDERTAKER'S PLANT SHALL BE PROTECTED AS NECESSARY. ADDITIONAL TRIAL PITS SHALL BE EXCAVATED AS REQUIRED.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH THE RELEVANT ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
- REFER TO DRAWING NUMBER 60160078-ACM-SHT-30-0150-CT-0001 TO 0005 & 60160078-ACM-SHT-30-0120-CT-0121 TO 0128 FOR LONG SECTIONS AND TYPICAL CROSS SECTION DETAILS.
- REFER TO DRAWING NUMBERS 60160078-ACM-SHT-30-9000-CT-9000 TO 9005 FOR STANDARD DETAILS.
- REFER TO DRAWING NUMBERS 60160078-ACM-SHT-30-0700-CT-0701 TO 0708 FOR PAVEMENT DETAILS.
- DIMENSIONS AND LEVELS ARE IN METRES UNLESS OTHERWISE STATED. LEVELS RELATE TO ORDNANCE DATUM.
- DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS ONLY.
- THE PROPOSED DITCH AND BUNDS ALIGNMENT IS TO BE CONFIRMED ON SITE AND IS BASED ON OS MAP AND LIDAR DATA AVAILABLE AT THE TIME OF THE DESIGN. ANY ALTERATIONS CAN BE PROPOSED TO THE SUPERVISOR AND HIGHWAYS AUTHORITY FOR APPROVAL.
- VEGETATION LOCATIONS ARE INDICATIVE.



REMOVE AND REINSTATE 14m OF EXISTING STONE WALL WITH BASE DRAINAGE SLOTS TO ALLOW RUNOFF TOWARDS DITCH 3 AND LLANMAES BROOK. REFER TO DRAWING NO. 60509148-ACM-SHT-30-9000-CT-9006 FOR STONE WALL DETAIL

WEST ROAD SURFACE WATER TO DISCHARGE INTO DITCH 3 TO BE TREATED BEFORE ENTERING LLANMAES BROOK

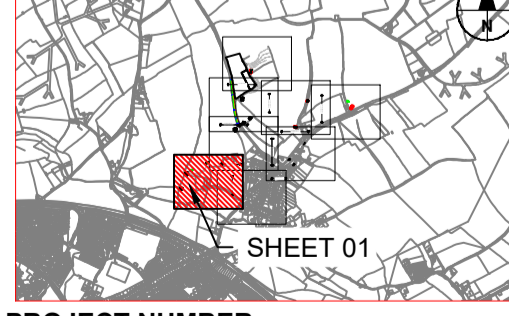
DITCH 3  
TOTAL CUT VOLUME: 1,100m³  
TOTAL PLAN AREA: 1,357m²

**STATUS**  
DETAILED DESIGN

**ISSUE/REVISION**

NO	DATE	DESCRIPTION
C	07/07/2021	FOR PRICING
B	26/02/2021	DETAILED DESIGN
A	16/12/2020	DRAFT DETAILED DESIGN
IR		

**KEY PLAN**



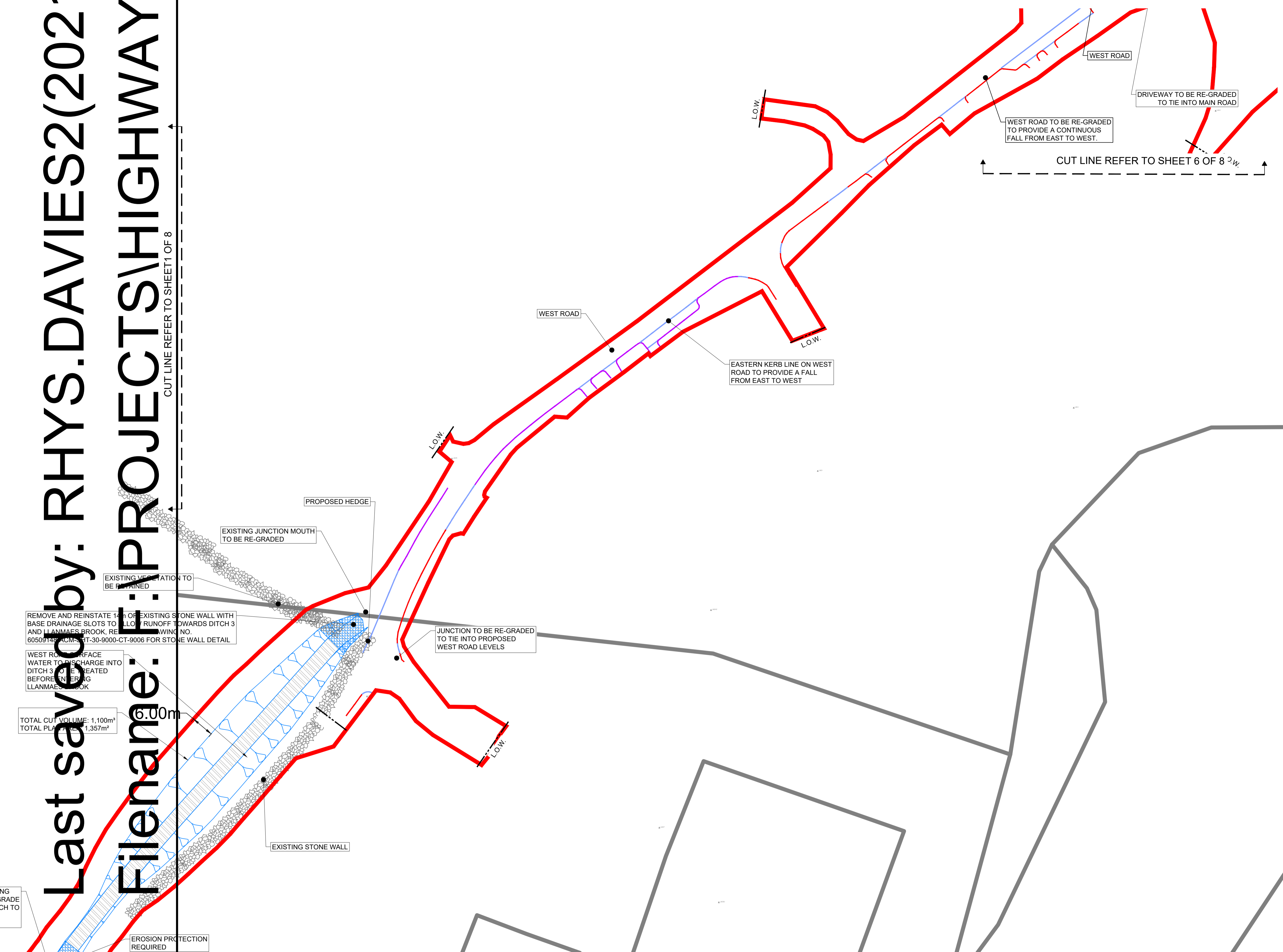
**PROJECT NUMBER**  
60160078

**SHEET TITLE**  
LLANMAES VILLAGE  
FLOOD ALLEVIATION SCHEME  
GENERAL ARRANGEMENT PLAN  
SHEET 1 OF 8

**SHEET NUMBER**  
60160078-ACM-SHT-30-0100-CT-0101

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REMOVE AND REINSTATE 1.4m OF EXISTING STONE WALL WITH BASE DRAINAGE SLOTS TO ALLOW RUNOFF TOWARDS DITCH 3 AND LLANMAES BROOK, REF. DRAWING NO. 605091422-001-01-30-9000-CT-9006 FOR STONE WALL DETAIL
WEST ROAD SURFACE WATER TO DISCHARGE INTO DITCH 3 AND BE TREATED BEFORE ENTERING LLANMAES BROOK
TOTAL CUT VOLUME: 1,100m³
TOTAL PAVED AREA: 1,357m²

DITCH TO TIE INTO EXISTING GROUND LEVEL WHERE GRADE BEGINS TO STEEPEN. DITCH TO FREELY DISCHARGE TO LLANMAES BROOK

EROSION PROTECTION REQUIRED



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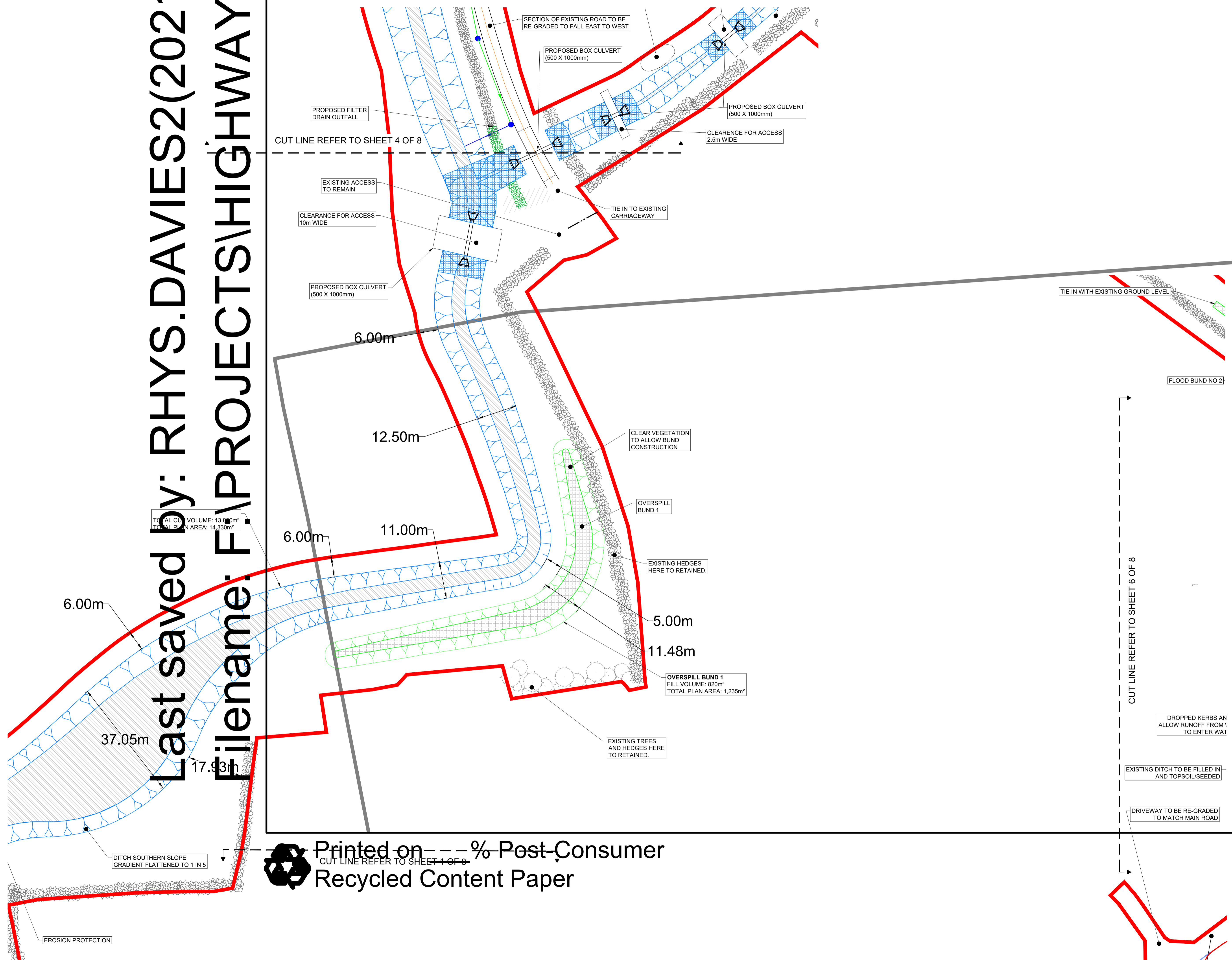
LLANMAES BROOK

CUT LINE REFER TO SHEET 6 OF 8 DW

STATUS
DETAILED DESIGN

PROJECT NUMBER
60160078

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TOTAL CUT VOLUME: 13,800m³
TOTAL PLAN AREA: 14,330m²

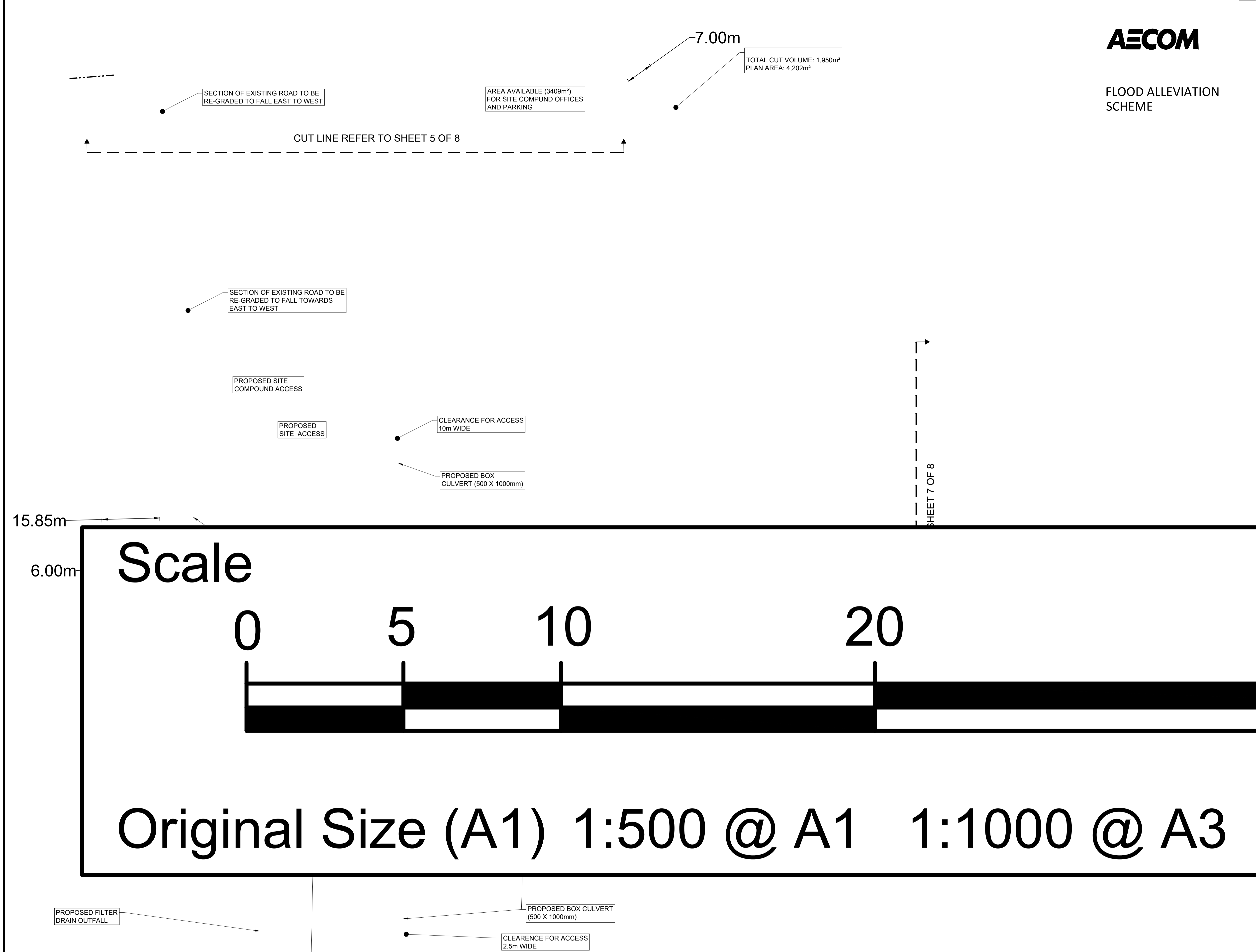
OVERSPILL BUND 1
FILL VOLUME: 820m³
TOTAL PLAN AREA: 1,235m²

STATUS
DETAILED DESIGN

PROJECT NUMBER
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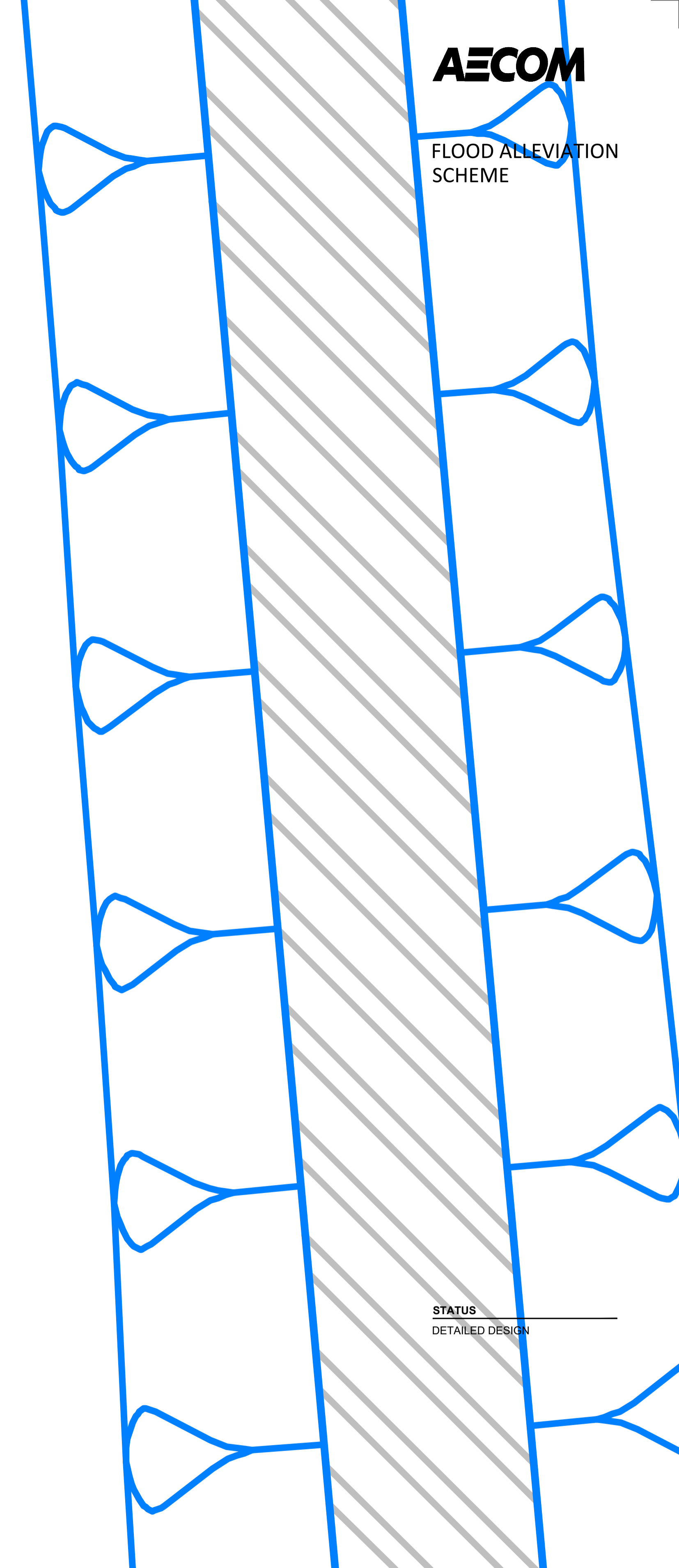
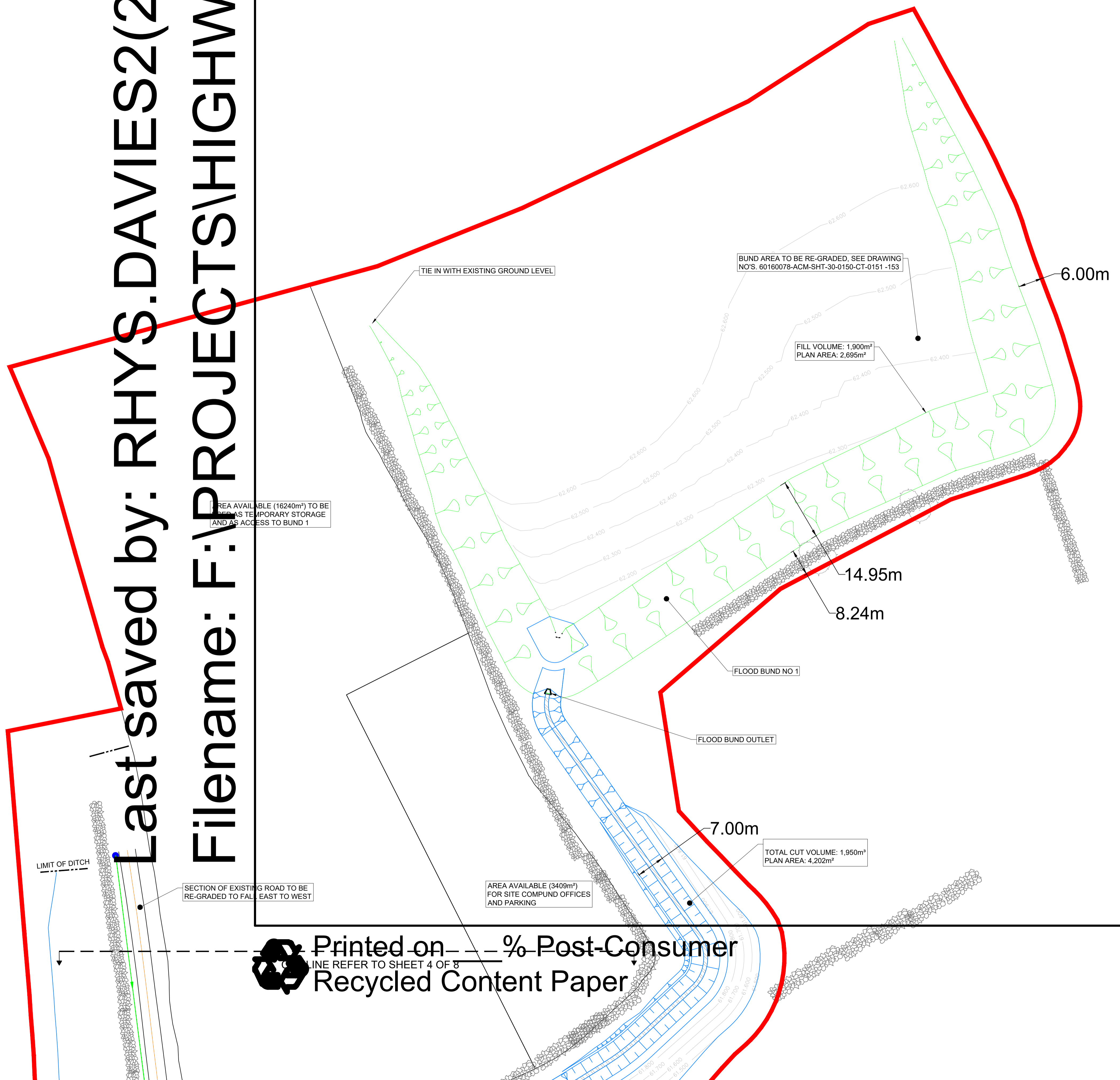
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Scale
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Original Size (A1) 1:500 @ A1 1:1000 @ A3

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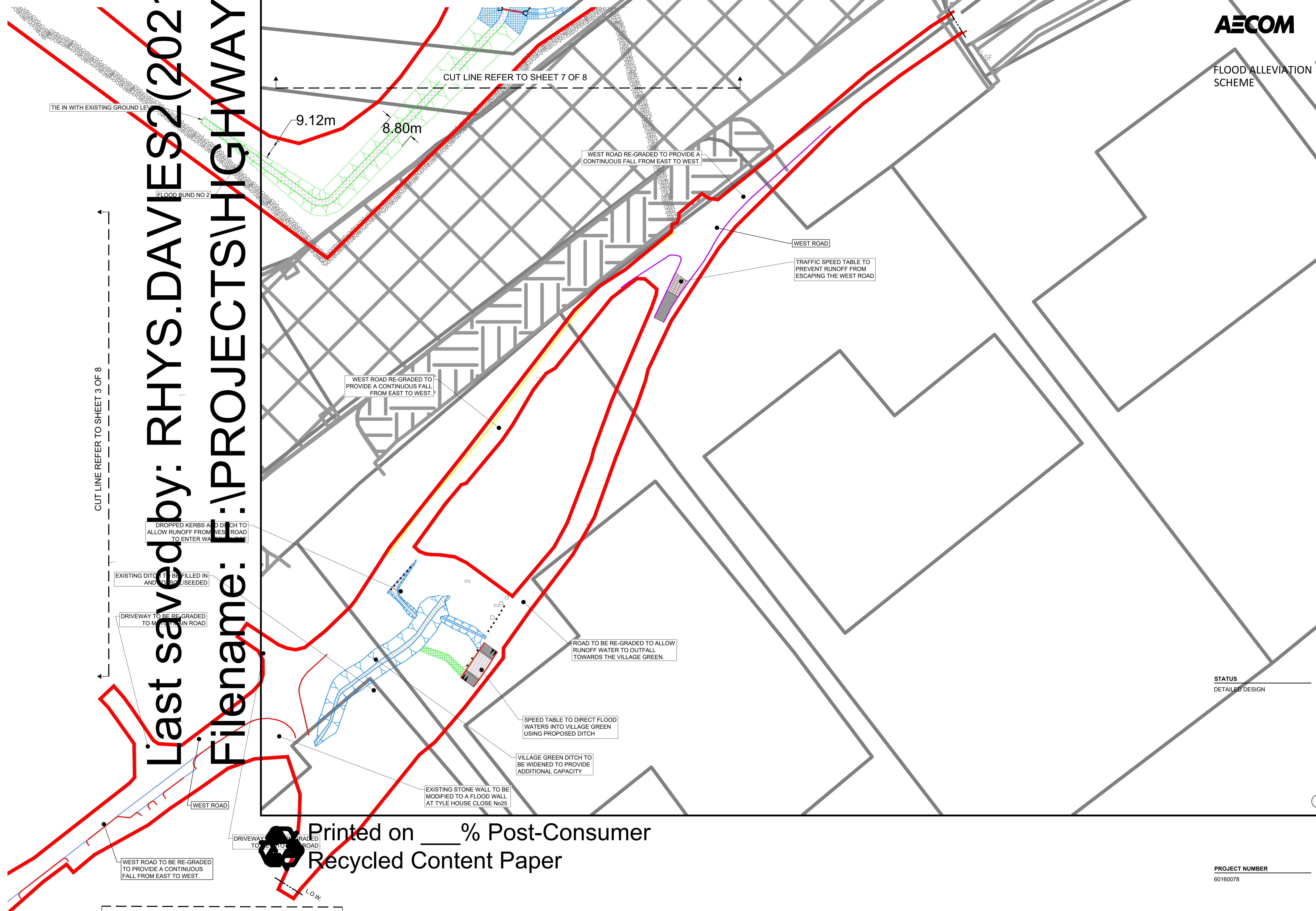
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DETAILED DESIGN

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TIE IN WITH EXISTING GROUND LEVEL

FLOOD BUND NO 2

9.12m

8.80m

CUT LINE REFER TO SHEET 7 OF 8

WEST ROAD RE-GRADED TO PROVIDE A CONTINUOUS FALL FROM EAST TO WEST.

WEST ROAD

TRAFFIC SPEED TABLE TO PREVENT RUNOFF FROM ESCAPING THE WEST ROAD

WEST ROAD RE-GRADED TO PROVIDE A CONTINUOUS FALL FROM EAST TO WEST.

DROPPED KERBS AND DITCH TO ALLOW RUNOFF FROM WEST ROAD TO ENTER WATER COURSE

EXISTING DITCH TO BE FILLED IN AND RE-SEED

DRIVEWAY TO BE RE-GRADED TO MATCH MAIN ROAD

ROAD TO BE RE-GRADED TO ALLOW RUNOFF WATER TO OUTFALL TOWARDS THE VILLAGE GREEN.

SPEED TABLE TO DIRECT FLOOD WATERS INTO VILLAGE GREEN USING PROPOSED DITCH

VILLAGE GREEN DITCH TO BE WIDENED TO PROVIDE ADDITIONAL CAPACITY

EXISTING STONE WALL TO BE MODIFIED TO A FLOOD WALL AT TYLE HOUSE CLOSE No25

DRIVEWAY TO BE RE-GRADED TO MATCH MAIN ROAD

WEST ROAD TO BE RE-GRADED TO PROVIDE A CONTINUOUS FALL FROM EAST TO WEST.

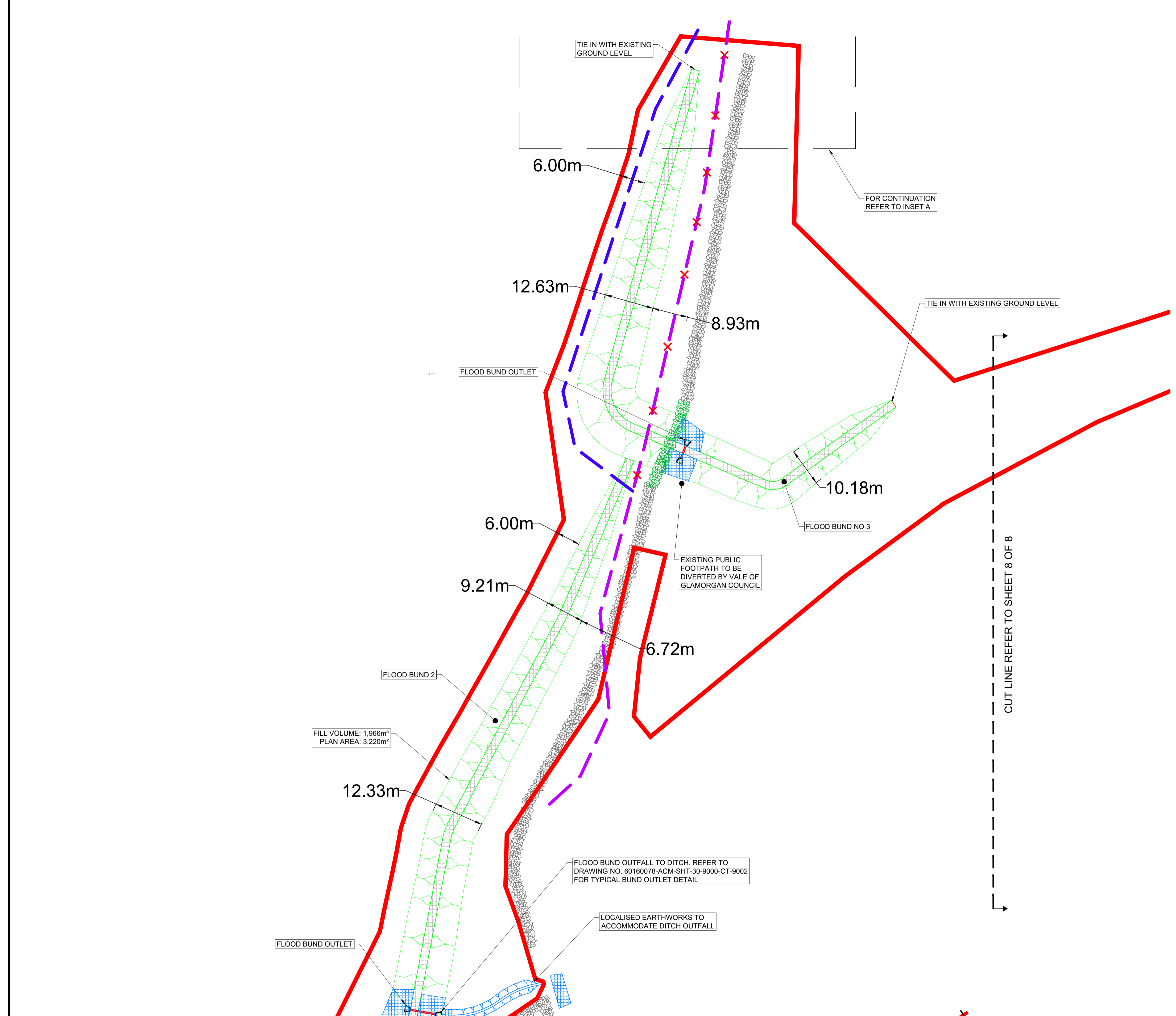
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STATUS
DETAILED DESIGN

PROJECT NUMBER
60160078

CUT LINE REFER TO SHEET 2 OF 8

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CUT LINE REFER TO SHEET 4 OF 8

CUT LINE REFER TO SHEET 8 OF 8

STATUS
DETAILED DESIGN

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PROJECT NUMBER
60160078

TIE IN WITH EXISTING GROUND LEVEL

9.12m

8.80m

CUT LINE REFER TO SHEET 6 OF 8

6.00m

12.63m

8.93m

10.18m

6.00m

9.21m

6.72m

FILL VOLUME: 1,966m³
PLAN AREA: 3,220m²

12.33m

FLOOD BUND OUTFALL TO DITCH. REFER TO DRAWING NO. 60160078-ACM-SHT-30-9000-CT-9002 FOR TYPICAL BUND OUTFALL DETAIL

LOCALISED EARTHWORKS TO ACCOMMODATE DITCH OUTFALL

FLOOD BUND OUTFALL

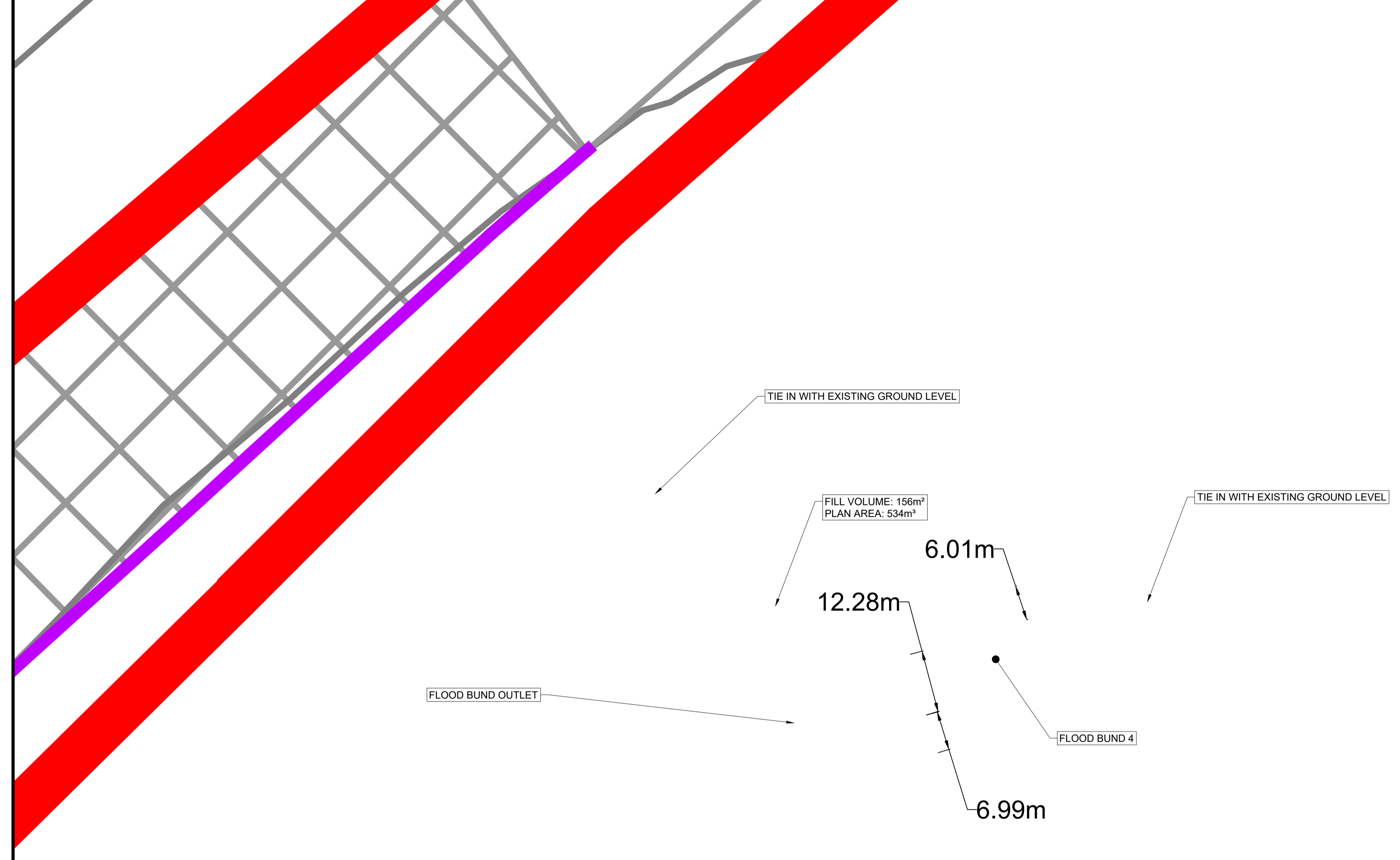
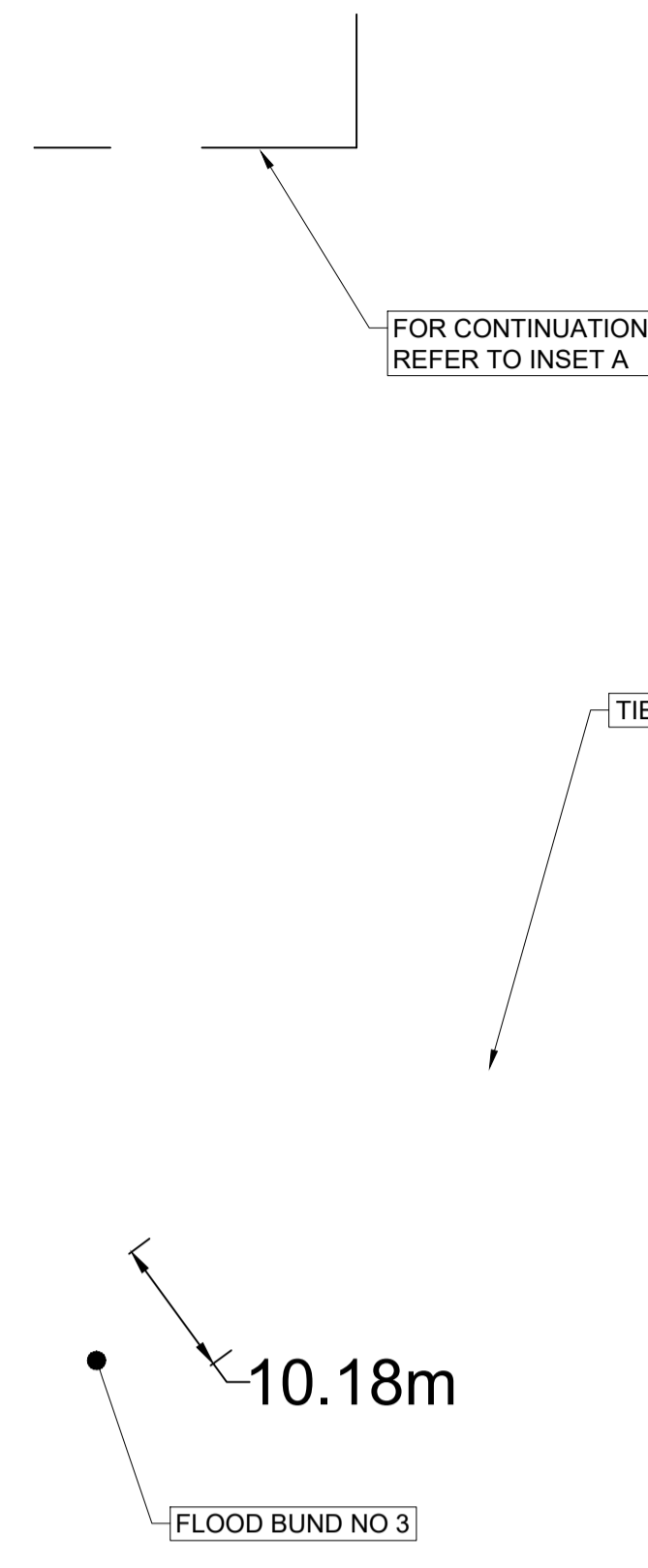
TIE IN WITH EXISTING GROUND LEVEL

FOR CONTINUATION REFER TO INSET A

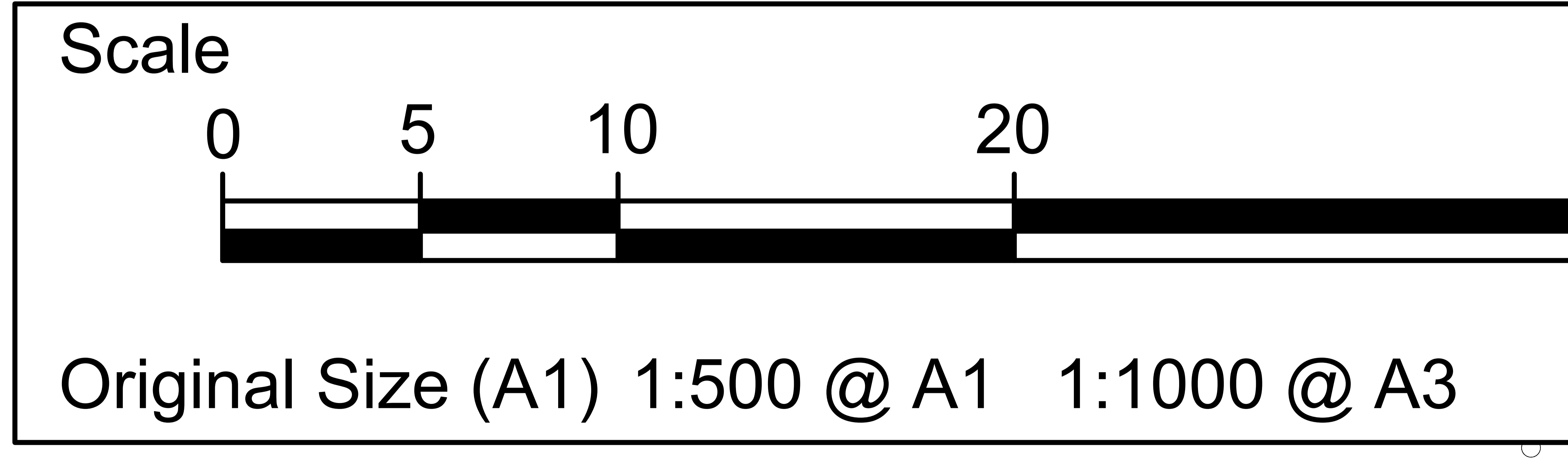
TIE IN WITH EXISTING GROUND LEVEL



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FILL VOLUME: 156m³
PLAN AREA: 534m²



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