

# Cork County Council



## Bantry Mill Culvert Upgrade Project

### Part 8 Planning

Drawings prepared pursuant to the requirements of Article 83,  
Part 8 of the Planning & Development Regulations 2001 (as amended)

**November 2024**

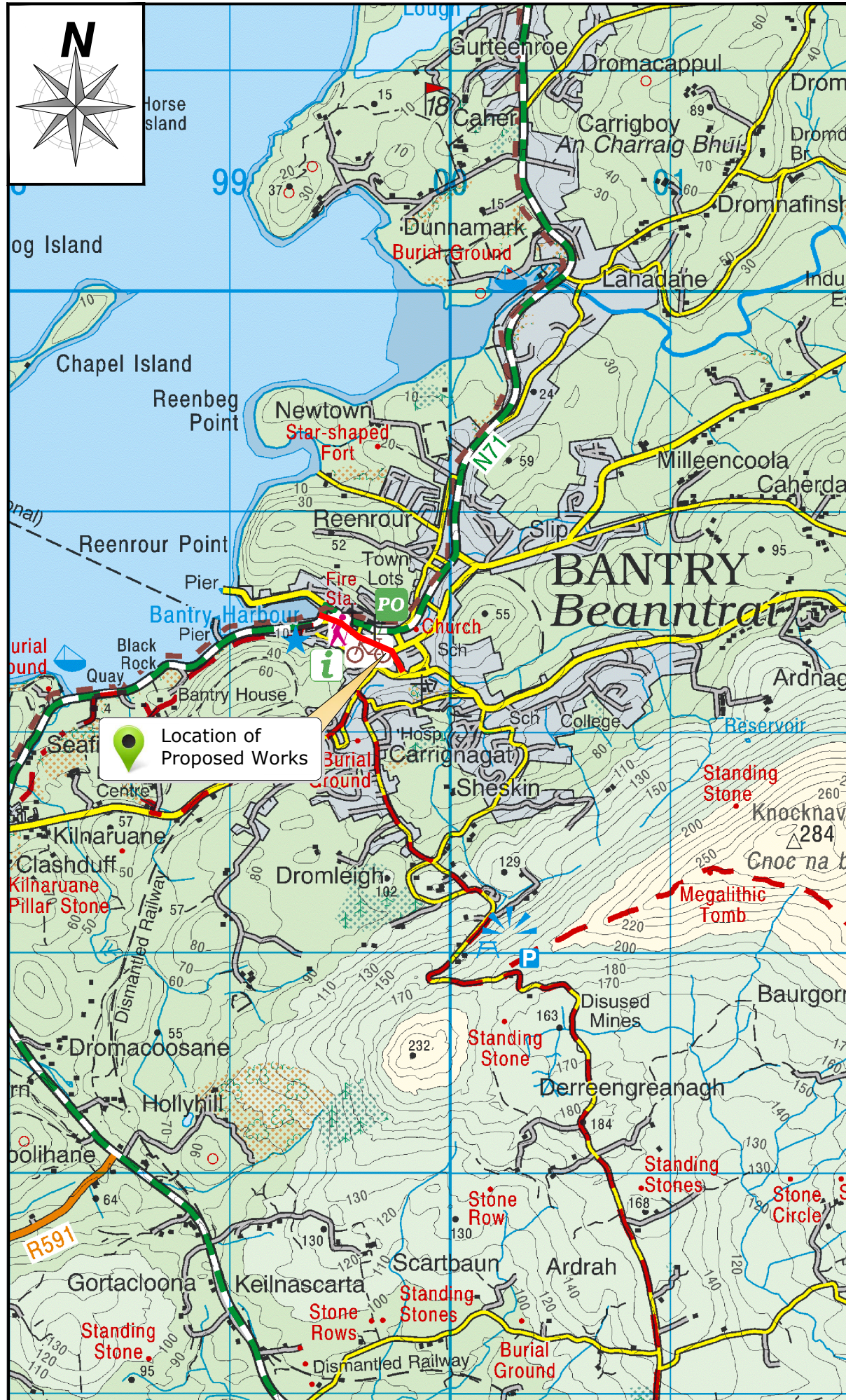
**Regional & Local Roads  
Design Office**  
*Floor 3, County Library Building  
Carrigrohane Road, Cork, T12 K335*

**ENGINEER FOR THE WORKS**  
*Senior Engineer  
Regional & Local Road Design Office  
Floor 3, County Library Building  
Carrigrohane Road, Cork, T12 K335*

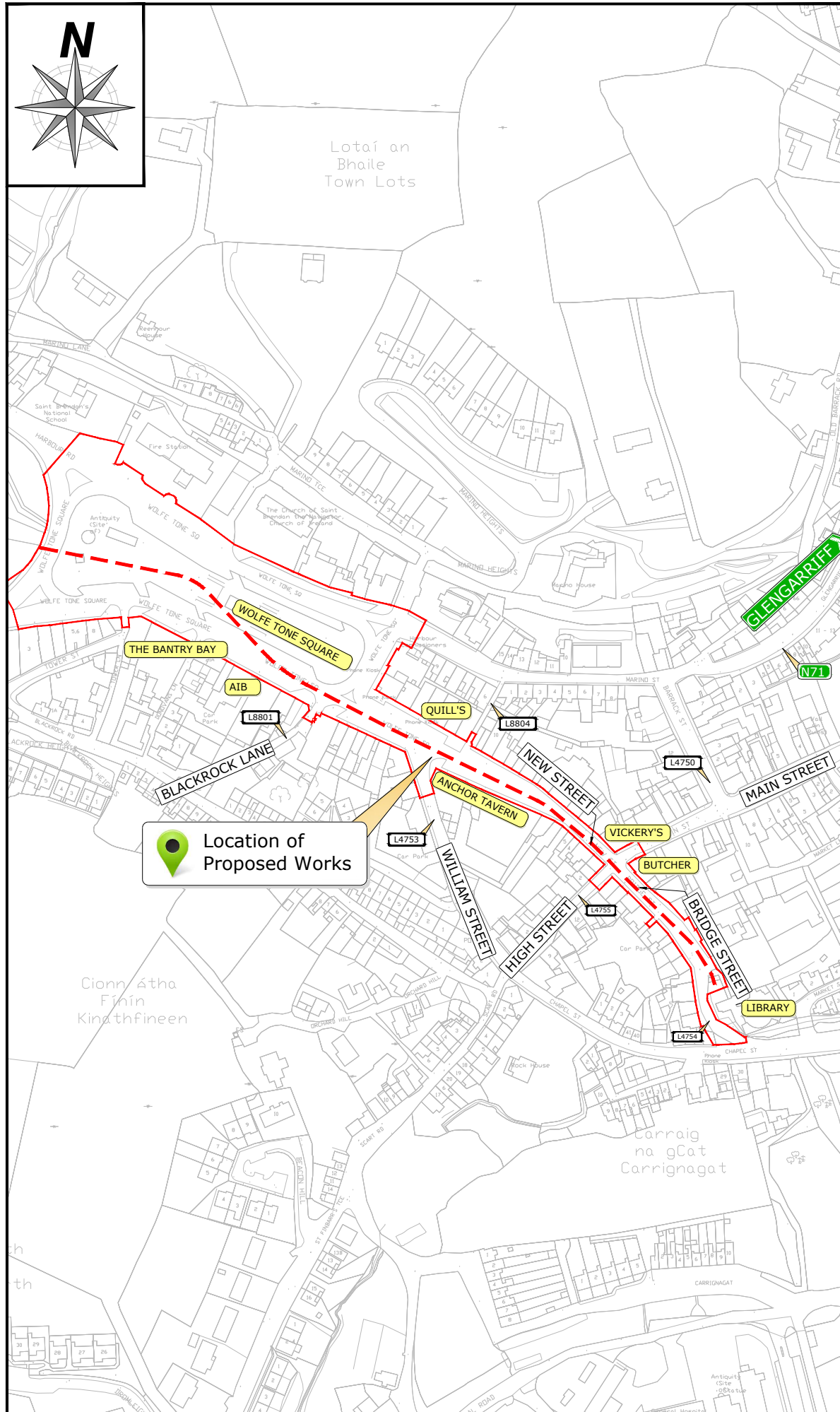
# Bantry Mill Culvert Upgrade Project

## Drawing Schedule

DRAWING SCHEDULE		
Drawing No.	Drawing Title	Rev.
----	COVER SHEET	----
----	DRAWING SCHEDULE	----
----	LOCATION MAP	----
24349-MWP-ZZ-ZZ-DR-C-0001	EXISTING SITE PLAN	P01
24349-MWP-ZZ-ZZ-DR-C-0002	PROPOSED WORK ZONES	P01
24349-MWP-ZZ-ZZ-DR-C-1001	PROPOSED CULVERT LAYOUT PLAN (SHEET 1 OF 2)	P01
24349-MWP-ZZ-ZZ-DR-C-1002	PROPOSED CULVERT LAYOUT PLAN (SHEET 2 OF 2)	P01
24349-MWP-ZZ-ZZ-DR-C-1003	OVERALL PLAN & LONGITUDINAL SECTION	P01
24349-MWP-ZZ-ZZ-DR-C-1004	PROPOSED CULVERT CROSS SECTIONS	P01
24349-MWP-ZZ-ZZ-DR-C-1005	DETAILED CROSS SECTIONS	P01
24349-MWP-ZZ-ZZ-DR-C-1008	EXISTING ALLEY STREAM CONNECTION	P01
24349-MWP-ZZ-ZZ-DR-C-1009	PROPOSED ALLEY STREAM	P01
24349-MWP-ZZ-ZZ-DR-C-2001	EXISTING OVERALL WATERMAIN, SURFACE WATER AND FOUL SEWER LAYOUT	P01
24349-MWP-ZZ-ZZ-DR-C-2002	PROPOSED OVERALL WATERMAIN, SURFACE WATER AND FOUL SEWER LAYOUT	P01



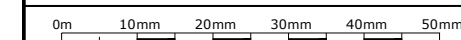
Not to Scale



Not to Scale

DO	CP	Nov 2024	Issued For Part 8 Planning
Rev	By	Date	Description

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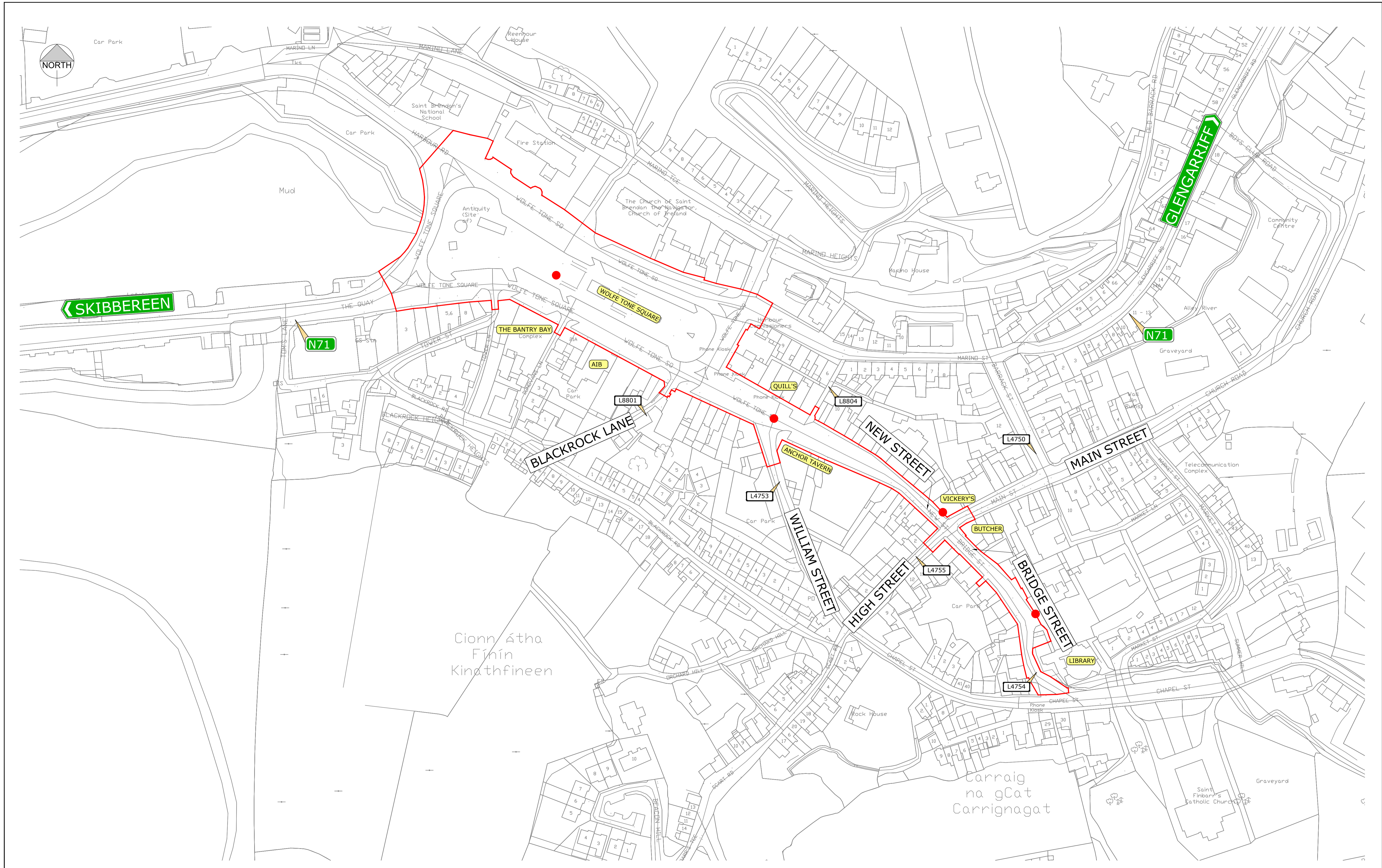
**CORK COUNTY COUNCIL**  
 Regional & Local Roads Design Office  
 County Library Building  
 Carrigrohane Road, Cork.

Project:  
**Bantry Mill Culvert Upgrade Project**

Title:  
 Location Map

CP	BL	25.04.2023	NTS	A3
6 November 2024		BTYCUL-LM-01		D0

Part 8 Planning



**NOTES**

1. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN.
2. ALL COORDINATES ARE TO ITM.
3. DRAWINGS ARE NOT TO BE SCALED.
4. THE SERVICES LAYOUTS SHOWN ON THESE DRAWINGS ARE SUBJECT TO DETAILED DESIGN, FURTHER COORDINATION AND AGREEMENT WITH UISCE EIREANN AND ALL OTHER UTILITIES PROVIDERS. LOCAL CONNECTIONS MAY NOT BE SHOWN BUT WILL BE REQUIRED TO INDIVIDUAL PROPERTIES. NOTE THAT OTHER UTILITIES ARE PRESENT IN THE AREA, INCLUDING EIR, ESB & ENET. THESE UTILITIES WILL ALSO NEED TO BE MODIFIED IN ORDER TO ACCOMMODATE THE PROPOSED CULVERT UPGRADE AND OTHER SERVICES ALTERATIONS.

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**LEGEND**

	SITE BOUNDARY
	PLANNING NOTICE LOCATIONS

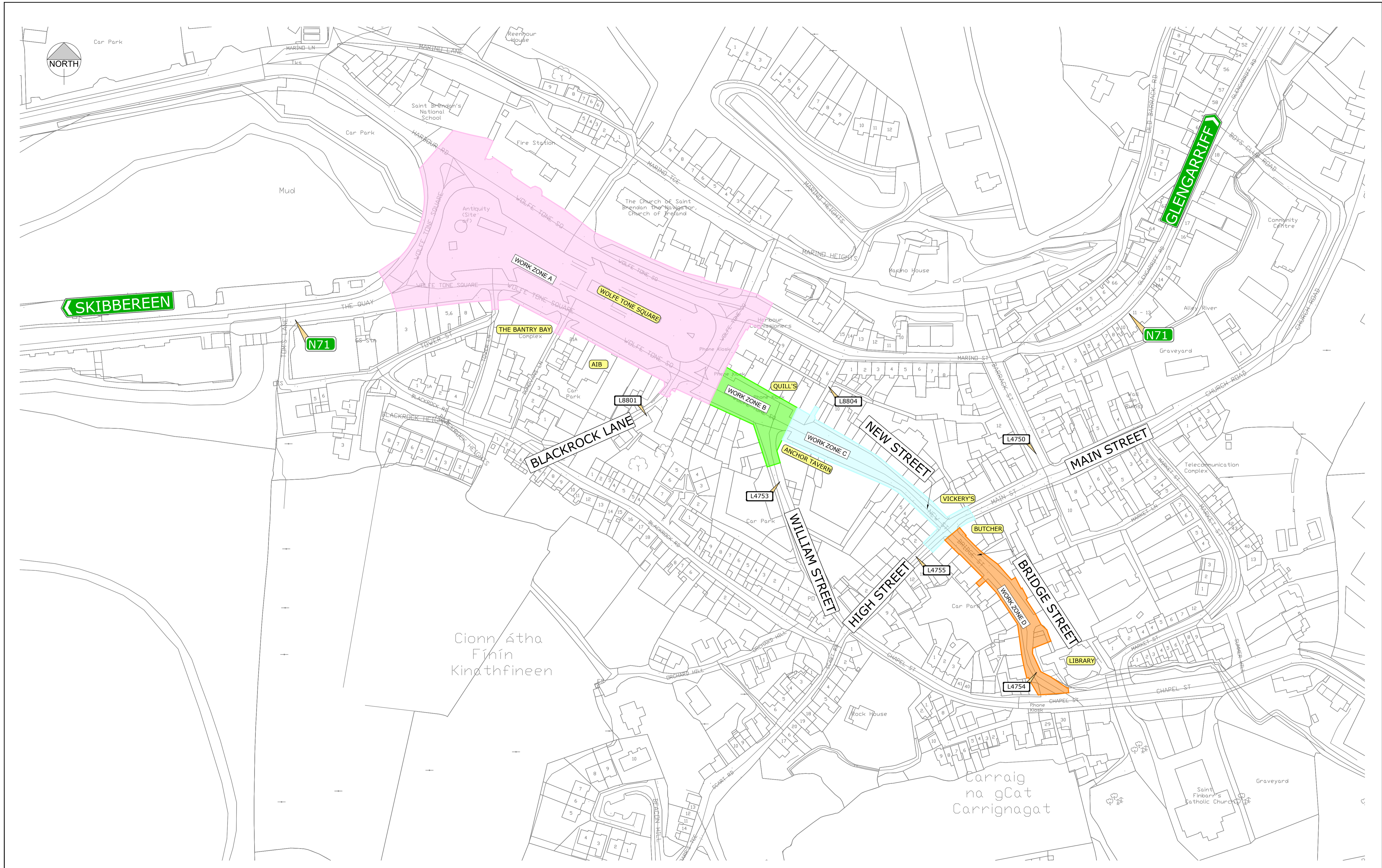
NO.	DATE	ISSUED FOR PART & PLANNING DESCRIPTION	C.D. BY	M.F. APP
P01	06.11.2024			
REV				

**MWP**  
ENGINEERING AND ENVIRONMENTAL CONSULTANTS  
CORK | TRALEE | LONDON | LIMERICK  
mwp.ie

PROJECT: **BANTRY MILL CULVERT UPGRADE PROJECT**

CLIENT:

TITLE: <b>EXISTING SITE PLAN</b>		
DRAWN: C.P.	CHECKED: D.W.	APPROVED: M.F.
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:1000
STATUS DESCRIPTION: <b>FOR INFORMATION</b>		STATUS: <b>S2</b>
DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 0001	REV: P01	



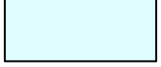



**NOTES**

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**LEGEND**


	WORK ZONE A
	WORK ZONE B
	WORK ZONE C
	WORK ZONE D

NO.	DATE	ISSUED FOR PART & PLANNING DESCRIPTION	C.D. BY	M.F. APP
P01	06.11.2024			
REV	DATE	DESCRIPTION	BY	APP



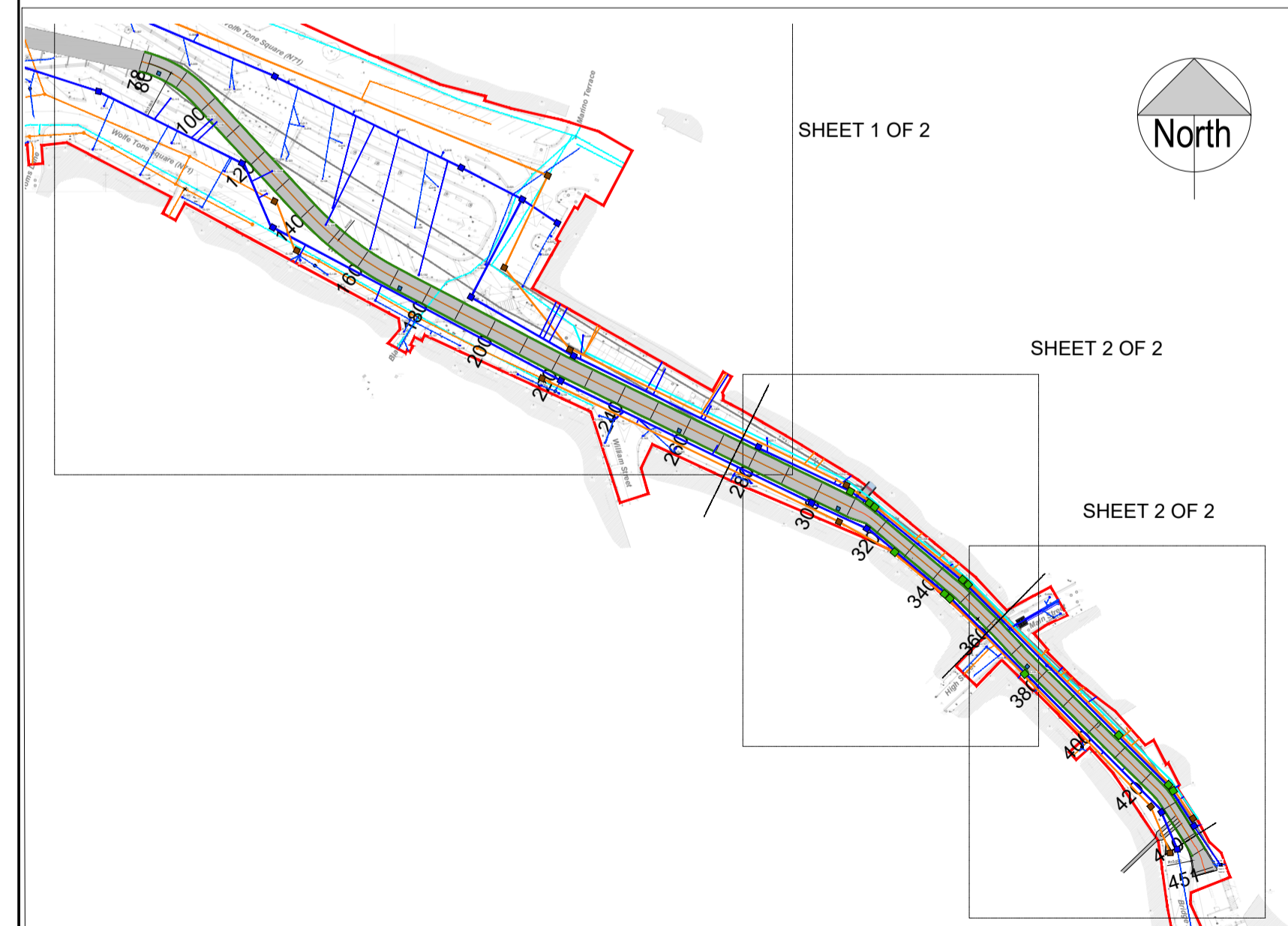
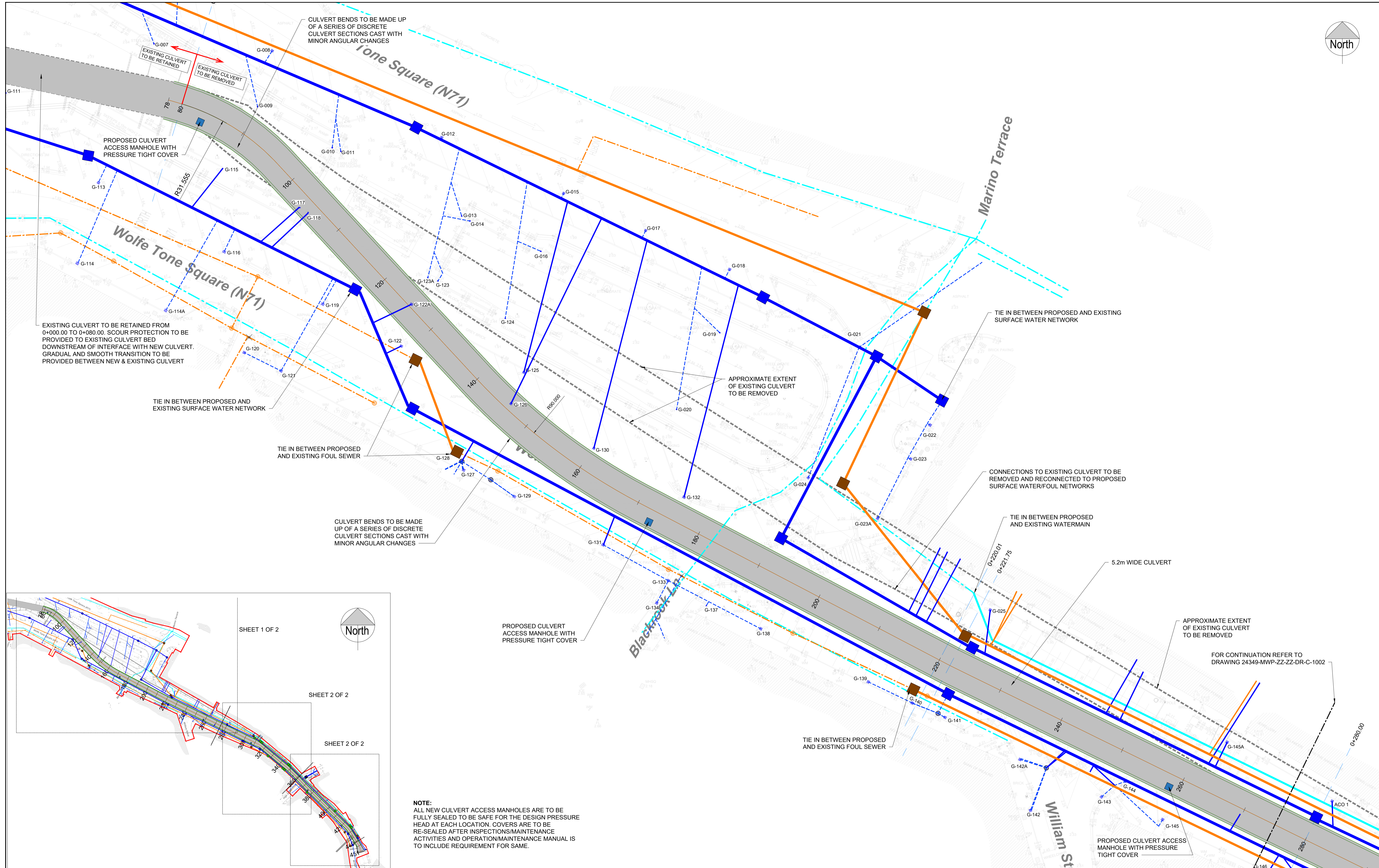
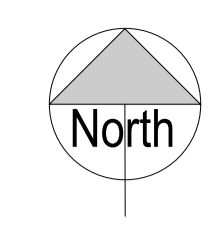
**PROJECT:**  
BANTRY MILL CULVERT UPGRADE PROJECT

**CLIENT:**



**TITLE:**  
PROPOSED WORK ZONES

DRAWN: C.P.	CHECKED: D.W.	APPROVED: M.F.
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:1000
STATUS DESCRIPTION: FOR INFORMATION		STATUS: S2
DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 0002	REV: P01	



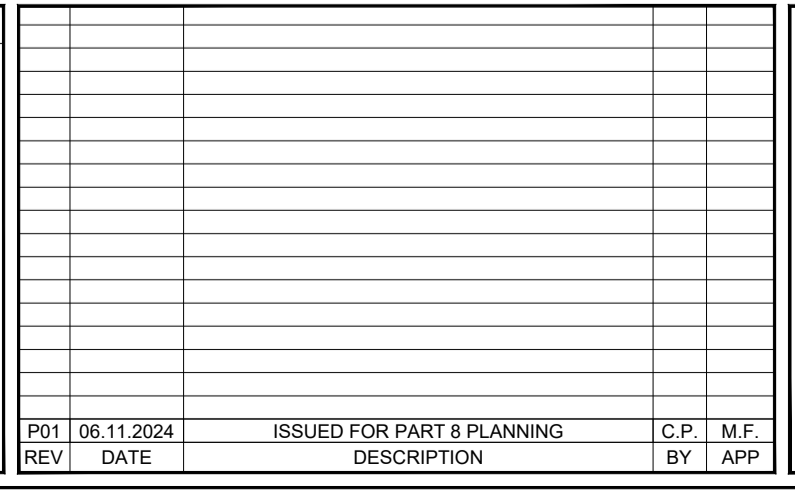
**NOTES**

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- EXACT DETAILS OF RELOCATED SERVICES MAY VARY FROM PART 8 DRAWINGS DURING THE DETAILED DESIGN STAGE.

**LEGEND**

- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- EXISTING COMBINED FOUL/SURFACE WATER
- PROPOSED FOUL
- EXISTING SURFACE WATER
- PROPOSED SURFACE WATER

REV	DATE	ISSUED FOR PART & PLANNING DESCRIPTION	C.P. BY	M.F. APP
P01	06.11.2024			

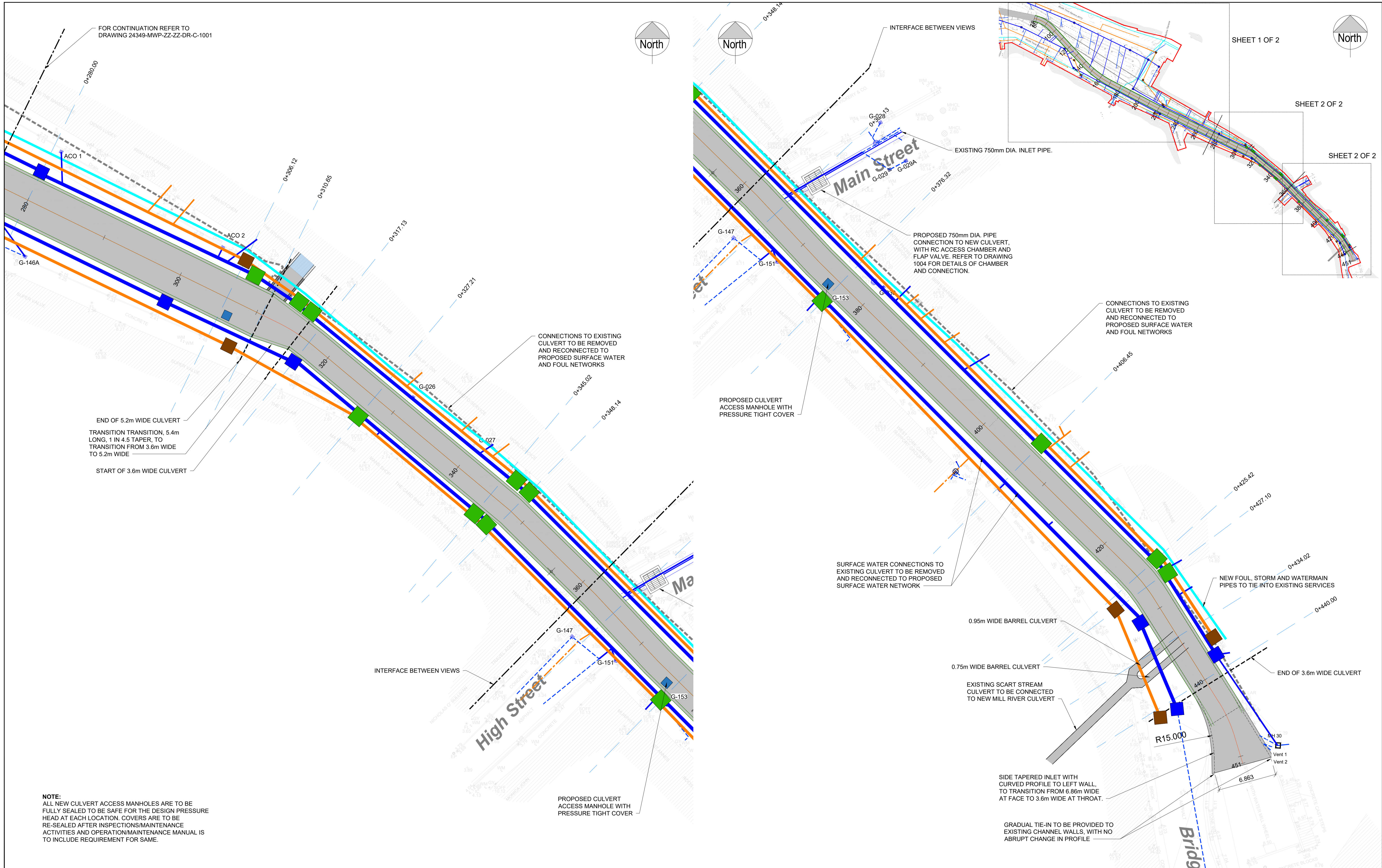


**PROJECT:**  
BANTRY MILL CULVERT UPGRADE PROJECT

**CLIENT:**

<b>TITLE:</b> PROPOSED CULVERT LAYOUT PLAN (SHEET 1 OF 2)			
<b>DRAWN:</b> C.P.	<b>CHECKED:</b> D.W.	<b>APPROVED:</b> M.F.	
<b>PROJECT NUMBER:</b> 24349	<b>DATE:</b> NOV 2024	<b>SCALE @ A1:</b> 1:250	
<b>STATUS DESCRIPTION:</b> FOR INFORMATION			<b>STATUS:</b> S2
<b>DRAWING NUMBER:</b> 24349 - MWP - ZZ - ZZ - DR - C - 1001			<b>REV:</b> P01

FOR CONTINUATION REFER TO DRAWING 24349-MWP-ZZ-ZZ-DR-C-1002



**NOTE:**  
ALL NEW CULVERT ACCESS MANHOLES ARE TO BE FULLY SEALED TO BE SAFE FOR THE DESIGN PRESSURE HEAD AT EACH LOCATION. COVERS ARE TO BE RE-SEALED AFTER INSPECTIONS/MAINTENANCE ACTIVITIES AND OPERATION/MAINTENANCE MANUAL IS TO INCLUDE REQUIREMENT FOR SAME.

**NOTES**

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**LEGEND**

- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- EXISTING COMBINED FOUL/SURFACE WATER
- PROPOSED FOUL
- EXISTING SURFACE WATER
- PROPOSED SURFACE WATER

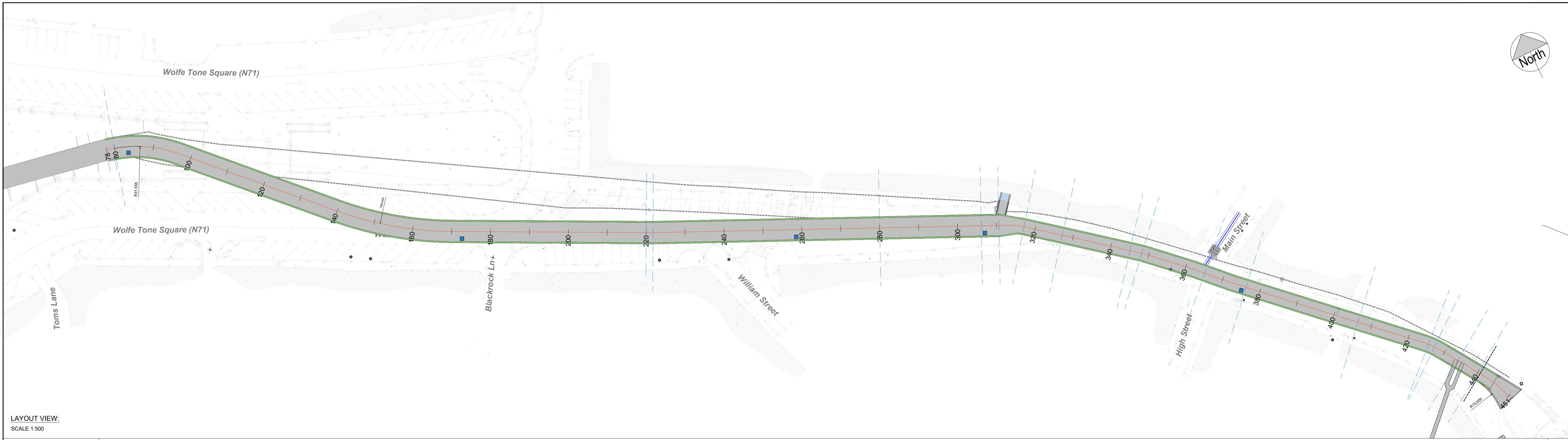
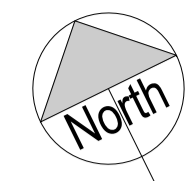
001	06.11.2024	ISSUED FOR PART 8 PLANNING	C.P.	M.F.
REV	DATE	DESCRIPTION	BY	APP



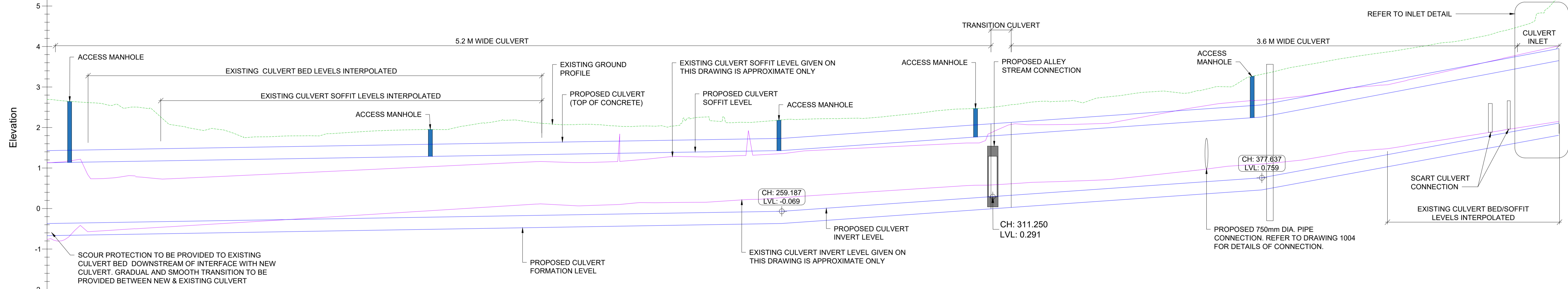
PROJECT: **BANTRY MILL CULVERT UPGRADE PROJECT**

CLIENT:

TITLE: <b>PROPOSED CULVERT LAYOUT PLAN (SHEET 2 OF 2)</b>			
DRAWN: C.P.	CHECKED: D.W.	APPROVED: M.F.	
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:200	
STATUS DESCRIPTION: <b>FOR INFORMATION</b>			STATUS: <b>S2</b>
DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 1002			REV: P01



LAYOUT VIEW:  
SCALE 1:500



Chainage	78	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500																																																																																																																																																																																
Existing Ground Level	2.693	2.679	2.608	2.595	2.048	1.957	1.770	1.795	1.862	1.924	1.949	2.028	2.176	2.105	2.079	2.025	2.230	2.326	2.438	2.466	2.616	2.657	2.761	2.879	2.864	3.004	3.064	3.204	3.366	3.569	3.743	3.865	4.054	4.212	4.459	4.743	5.143																																																																																																																																																																																							
Proposed Culvert Soffit Levels	1.130	1.133	1.150	1.167	1.183	1.200	1.217	1.233	1.250	1.266	1.283	1.300	1.316	1.333	1.350	1.366	1.383	1.399	1.416	1.437	1.456	1.476	1.496	1.516	1.536	1.556	1.576	1.596	1.616	1.636	1.656	1.676	1.696	1.716	1.736	1.756	1.776	1.796	1.816	1.836	1.856	1.876	1.896	1.916	1.936	1.956																																																																																																																																																																														
Proposed Culvert Invert Level	-0.370	-0.367	-0.350	-0.333	-0.317	-0.300	-0.284	-0.267	-0.250	-0.234	-0.217	-0.200	-0.184	-0.167	-0.151	-0.134	-0.117	-0.101	-0.084	-0.063	0.007	0.077	0.147	0.217	0.286	0.356	0.426	0.496	0.566	0.636	0.706	0.775	0.845	0.915	0.985	1.055	1.125	1.195	1.265	1.335	1.405	1.475	1.545	1.615	1.685	1.755																																																																																																																																																																														
Cover (EGL to Top of Culvert)	1.263	1.245	1.158	1.038	0.865	0.657	0.254	0.262	0.312	0.357	0.366	0.427	0.560	0.472	0.429	0.369	0.351	0.559	0.412	0.460	0.441	0.460	0.431	0.465	0.514	0.428	0.498	0.514	0.498	0.762	0.775	0.711	0.690	0.656	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716	0.716																																																																																																																																																																												
Existing Culvert Soffit Level	1.129	1.141	0.736	0.783	0.743	0.789	0.835	0.881	0.928	0.975	1.022	1.070	1.117	1.160	1.136	1.170	1.262	1.274	1.308	1.381	1.449	1.498	1.546	1.595	1.643	1.691	1.739	1.787	1.835	1.883	1.931	1.979	2.027	2.075	2.123	2.171	2.219	2.267	2.315	2.363	2.411	2.459	2.507	2.555	2.603	2.651	2.699	2.747	2.795																																																																																																																																																																											
Existing Culvert Invert Level	-0.764	-0.791	-0.560	-0.499	-0.439	-0.378	-0.317	-0.256	-0.194	-0.131	-0.069	-0.006	0.056	0.113	0.068	0.108	0.146	0.155	0.218	0.273	0.340	0.405	0.470	0.535	0.600	0.665	0.730	0.795	0.860	0.925	0.990	1.055	1.120	1.185	1.250	1.315	1.380	1.445	1.510	1.575	1.640	1.705	1.770	1.835	1.900	1.965	2.030	2.095	2.160	2.225																																																																																																																																																																										
Horizontal Geometry	L=1.726, R=31.56, 30.9 Deg.										L=42.856										Angle 19.6, R=155.08, 19.6 Deg.										L=51.704										Angle 1.5, R=315.24										L=90.825										Angle 13.8, R=20.00, 13.8 Deg.										L=30.370										Angle 4.5, R=348.01										L=13.991										Angle 2.4, R=372.78										L=10.771										Angle 2.3, R=400.57										L=27.796										Angle 0.1, R=426.46										L=23.541										Angle 13.4, R=450.37										L=11.178										Angle 0.1, R=450.37										L=3.179										Angle 15.1, R=450.37										L=1.600									
Vertical	G=Horizontal, L=5.934										G=1.602, L=181.214										G=1.143, L=118.450										G=1.54, L=75.530																																																																																																																																																																																													

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P01	06.11.2024	ISSUED FOR PART 8 PLANNING	C.P.	M.F.
REV	DATE	DESCRIPTION	BY	APP

**MWP**  
ENGINEERING AND ENVIRONMENTAL CONSULTANTS  
CORK | TRALEE | LONDON | LIMERICK  
mwp.ie

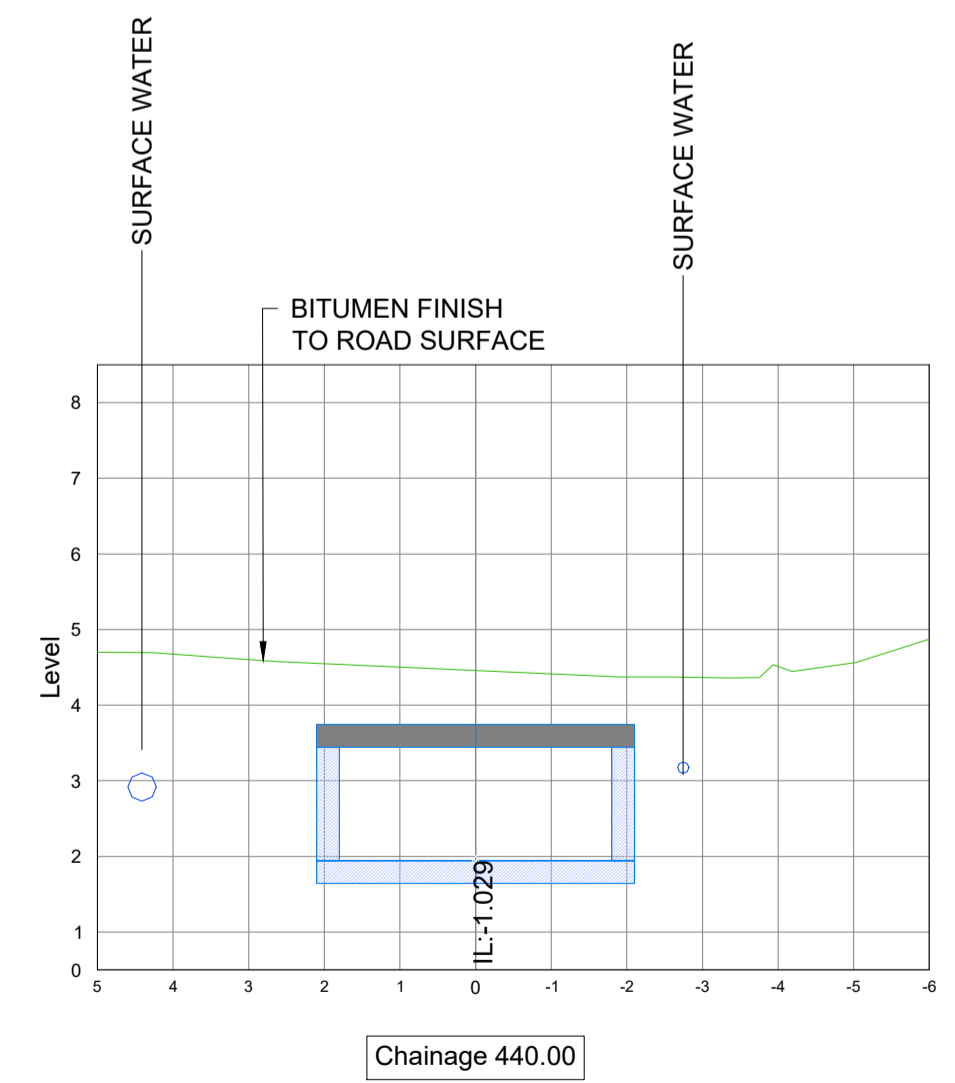
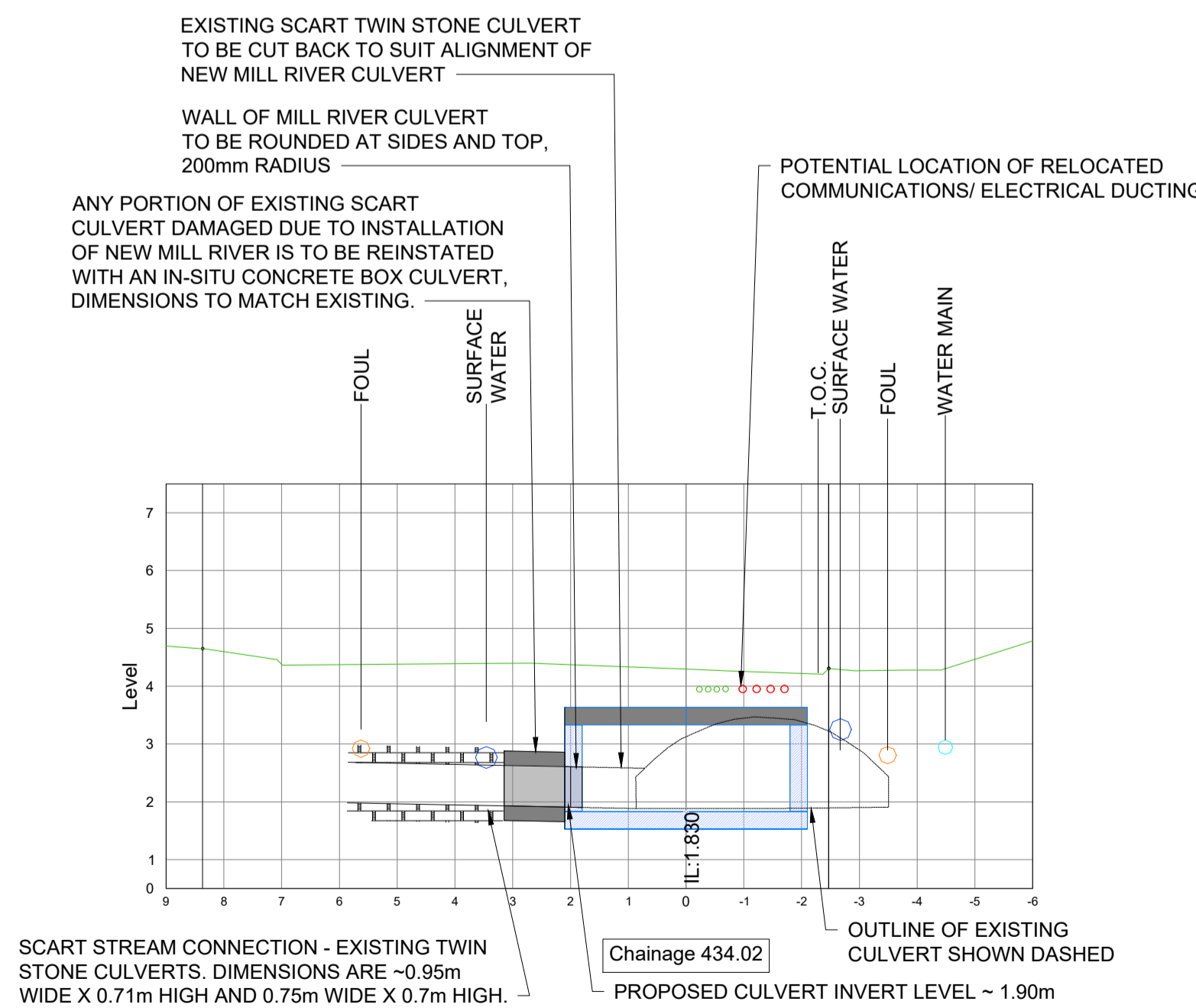
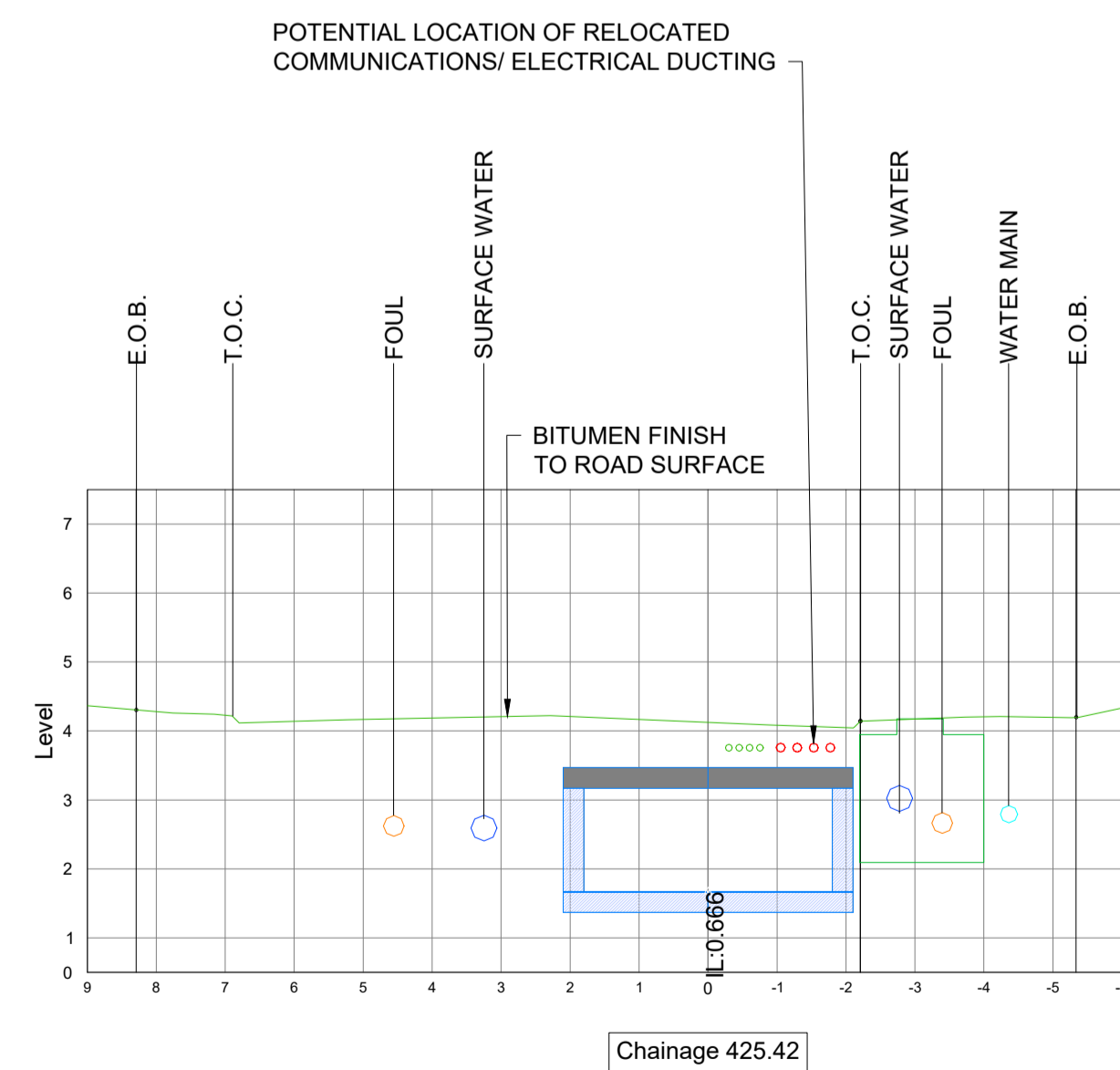
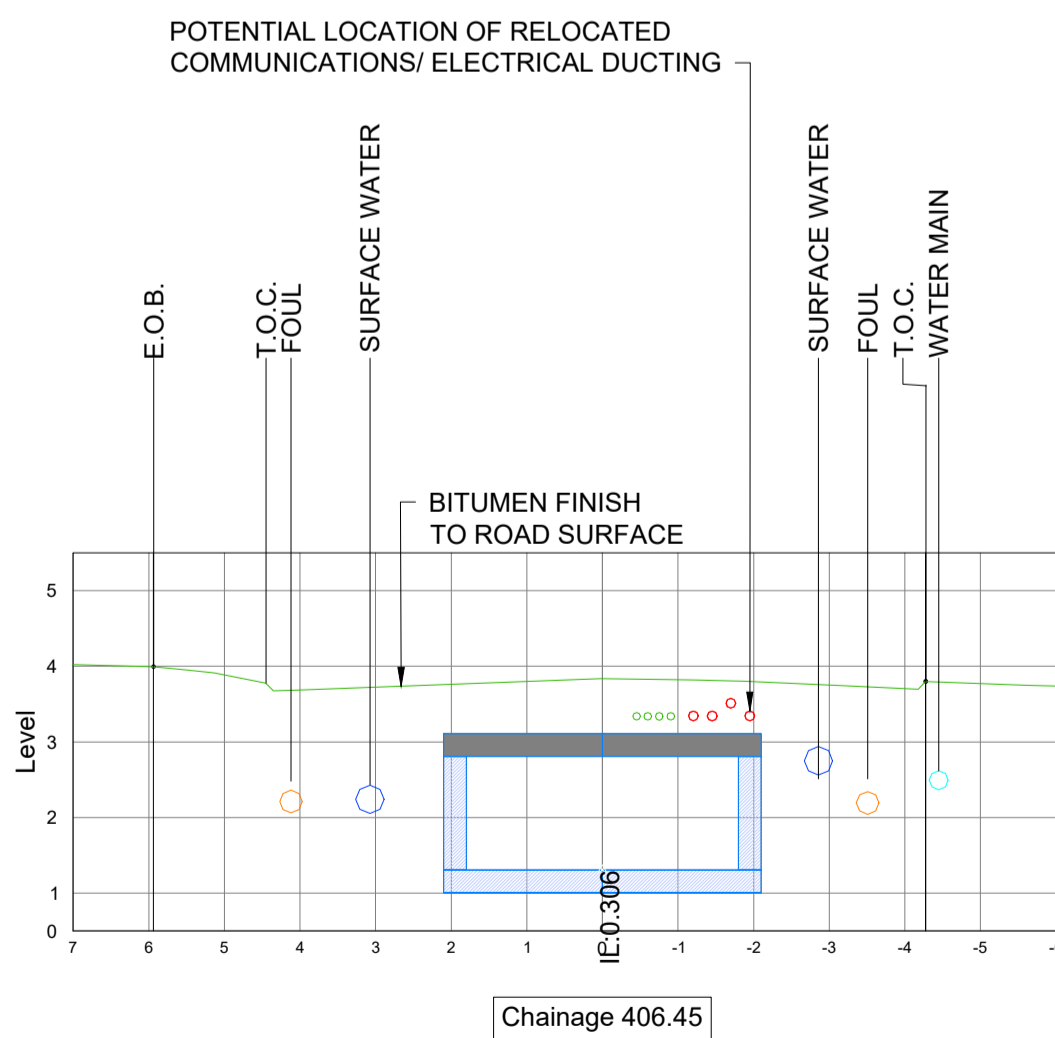
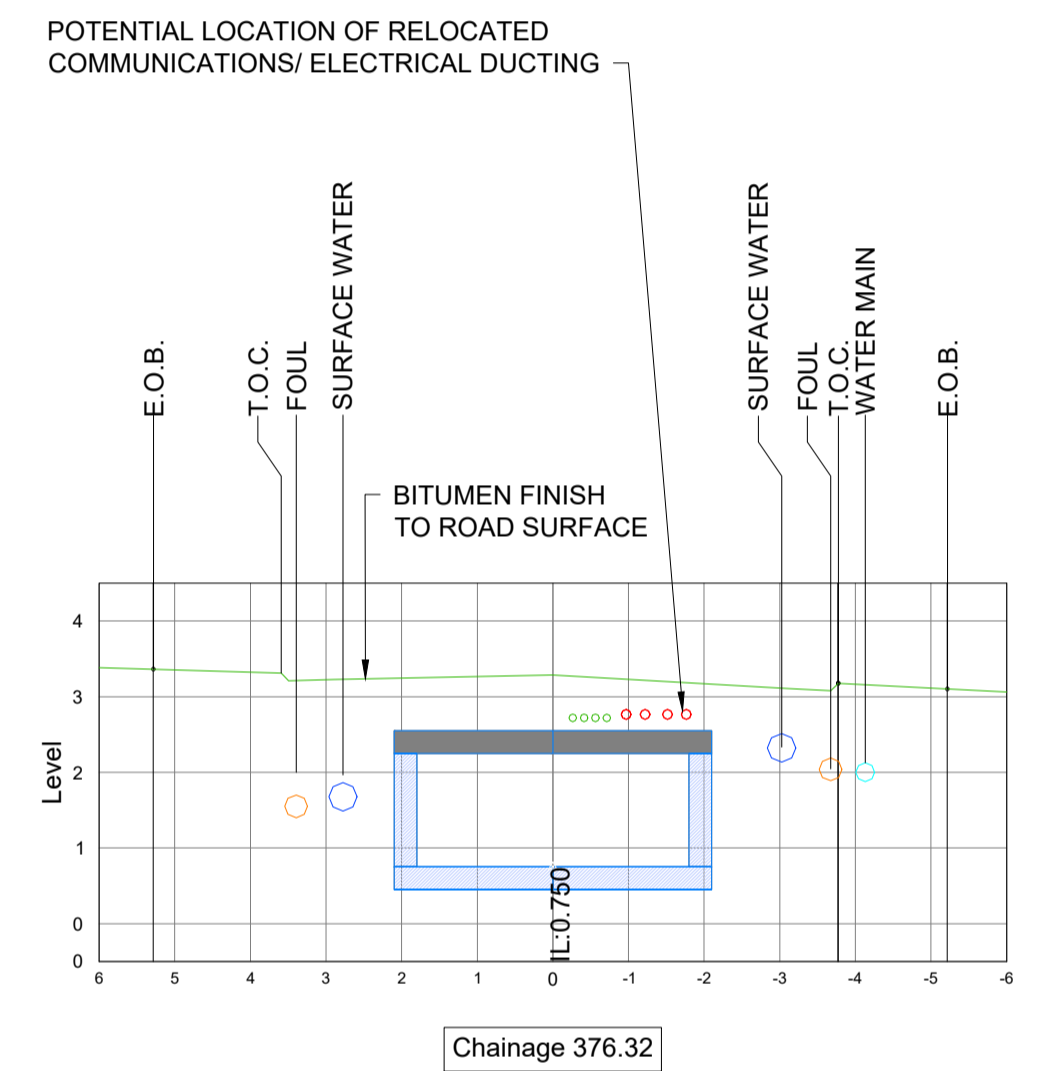
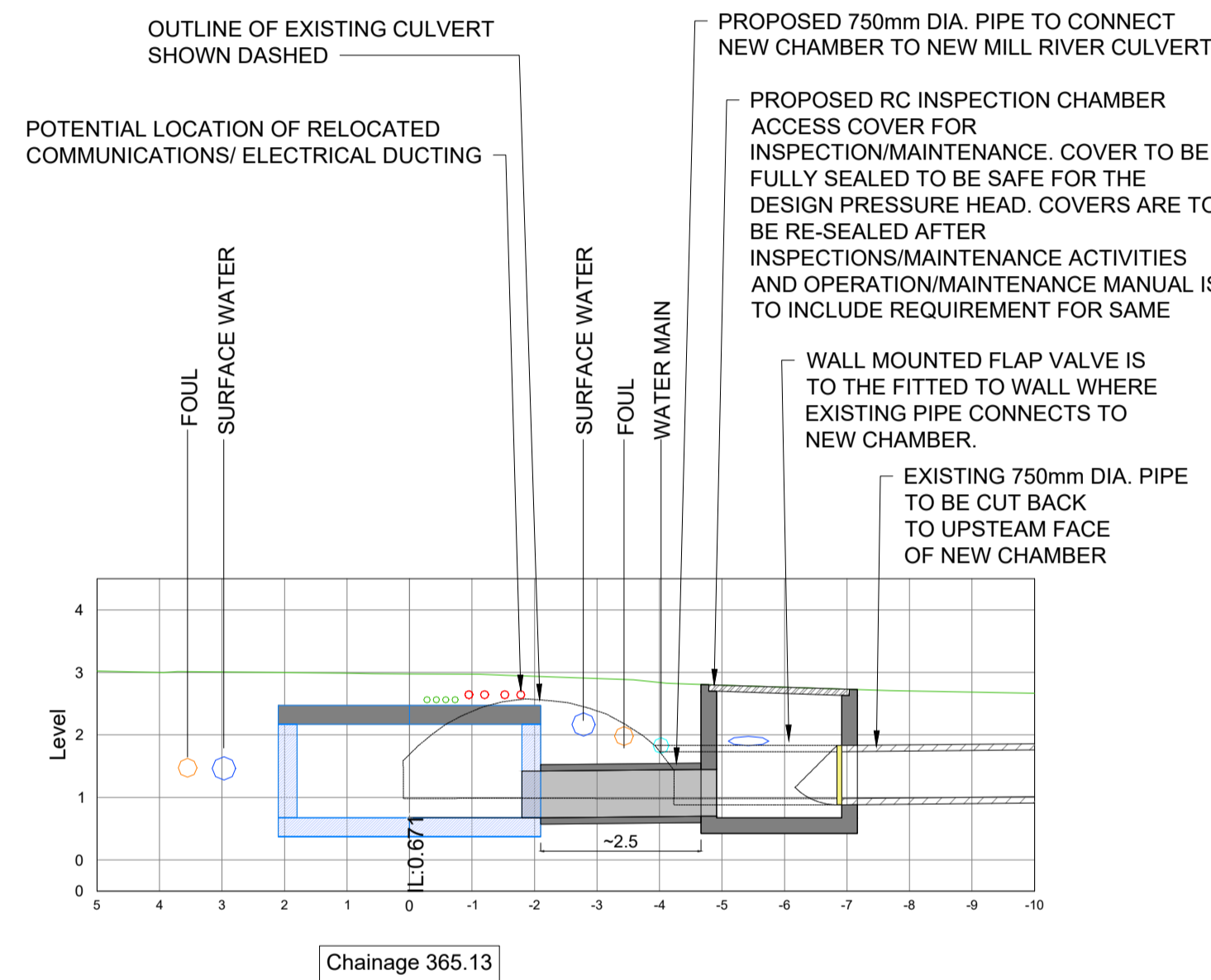
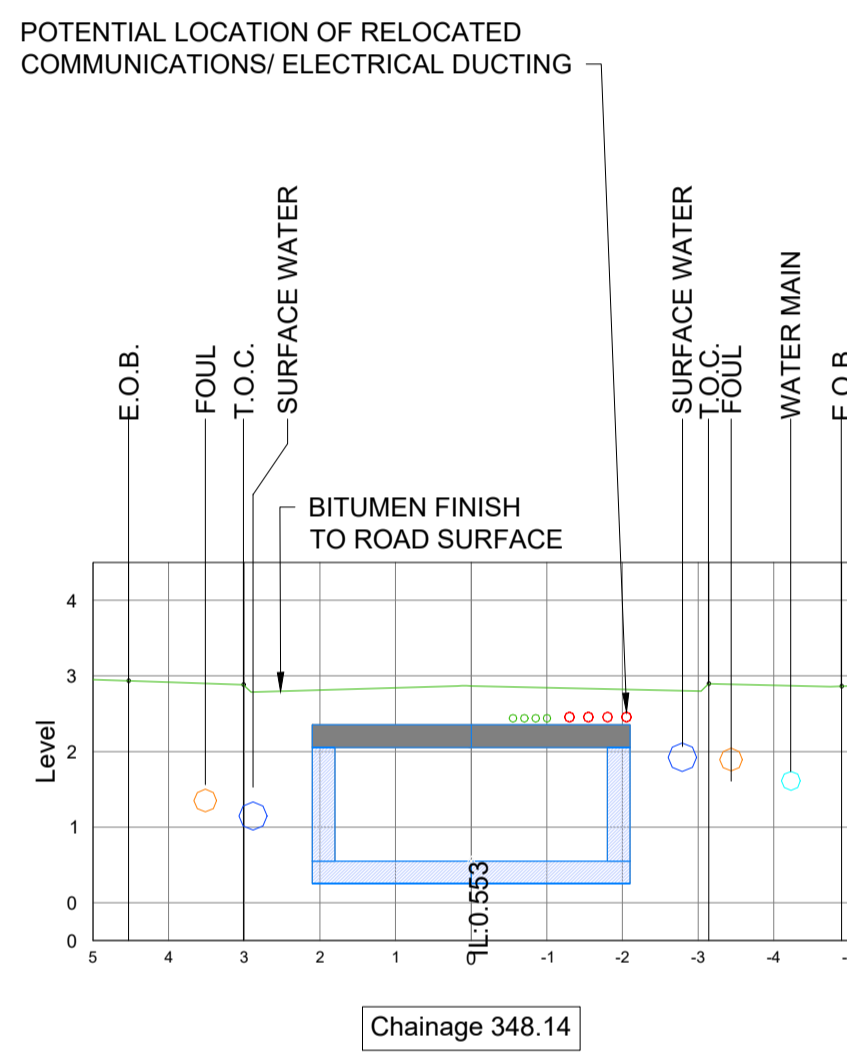
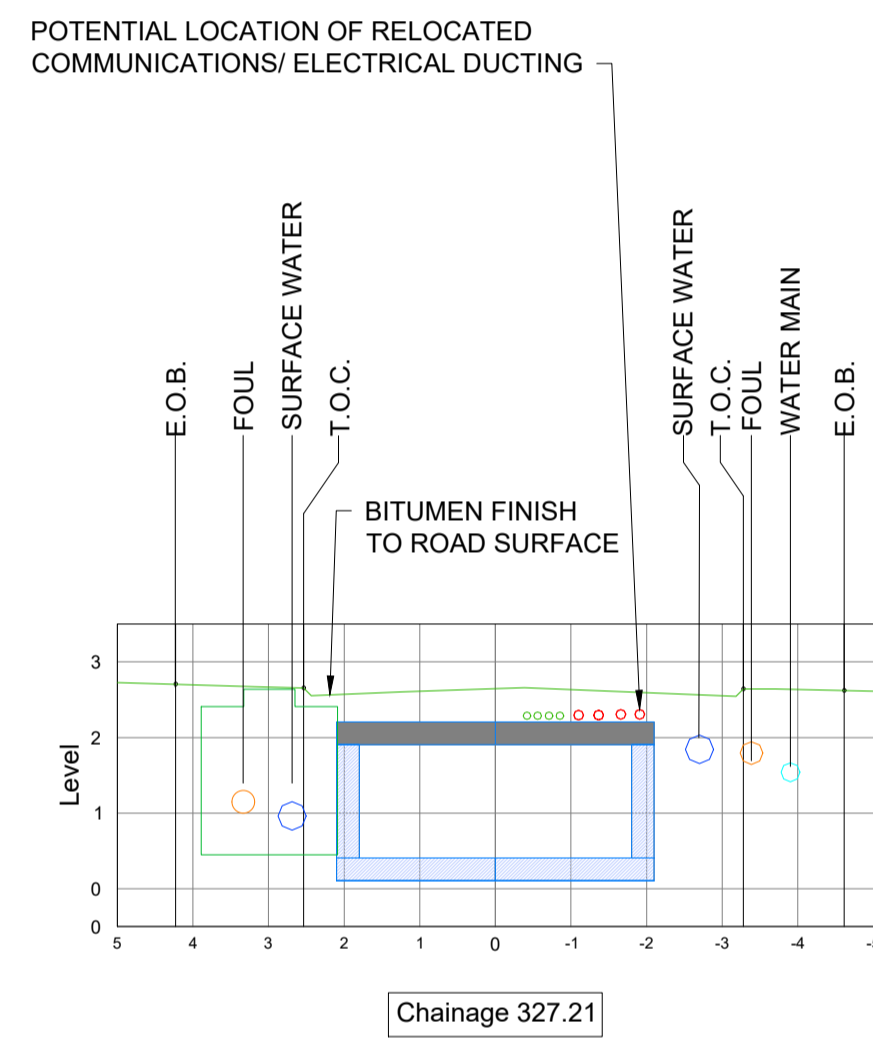
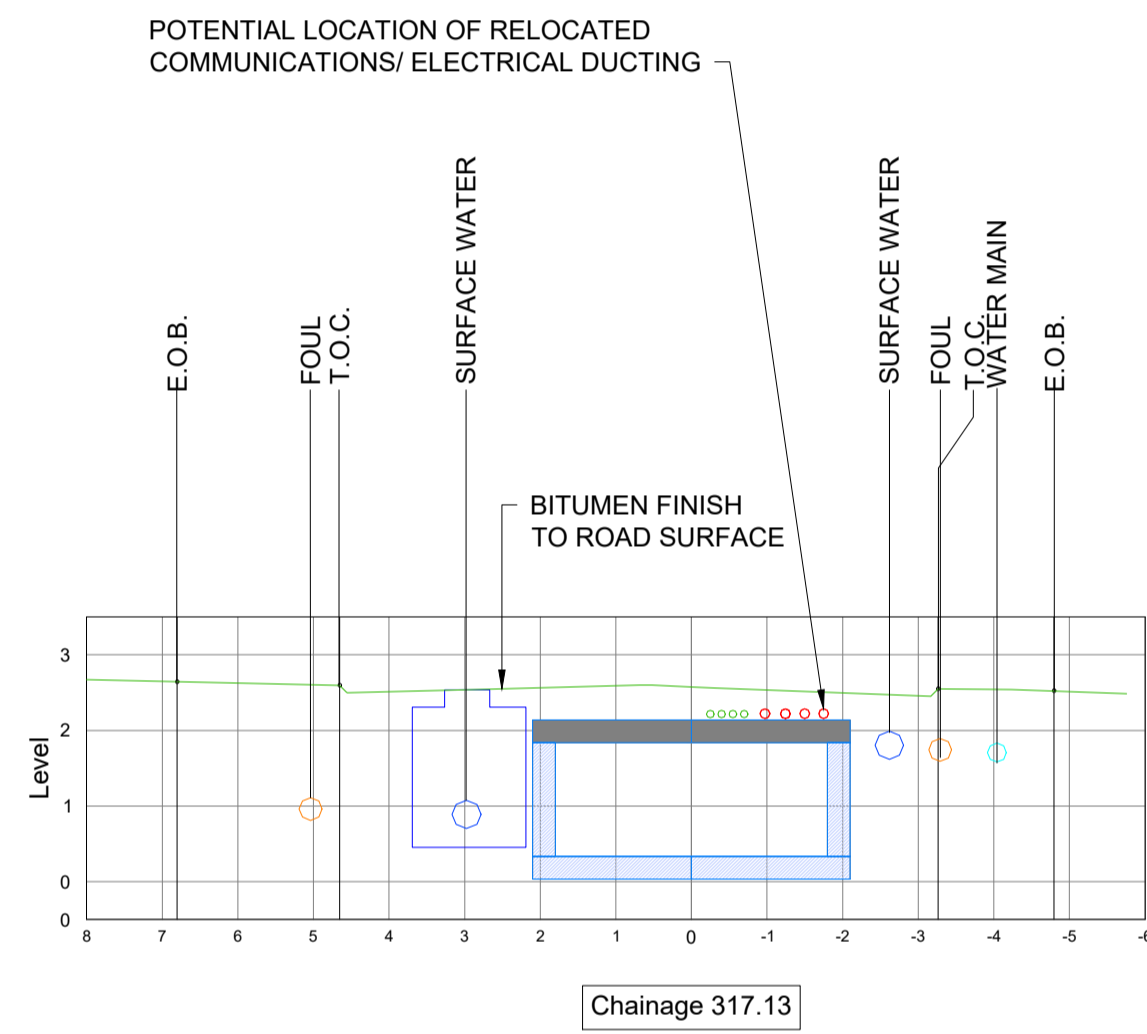
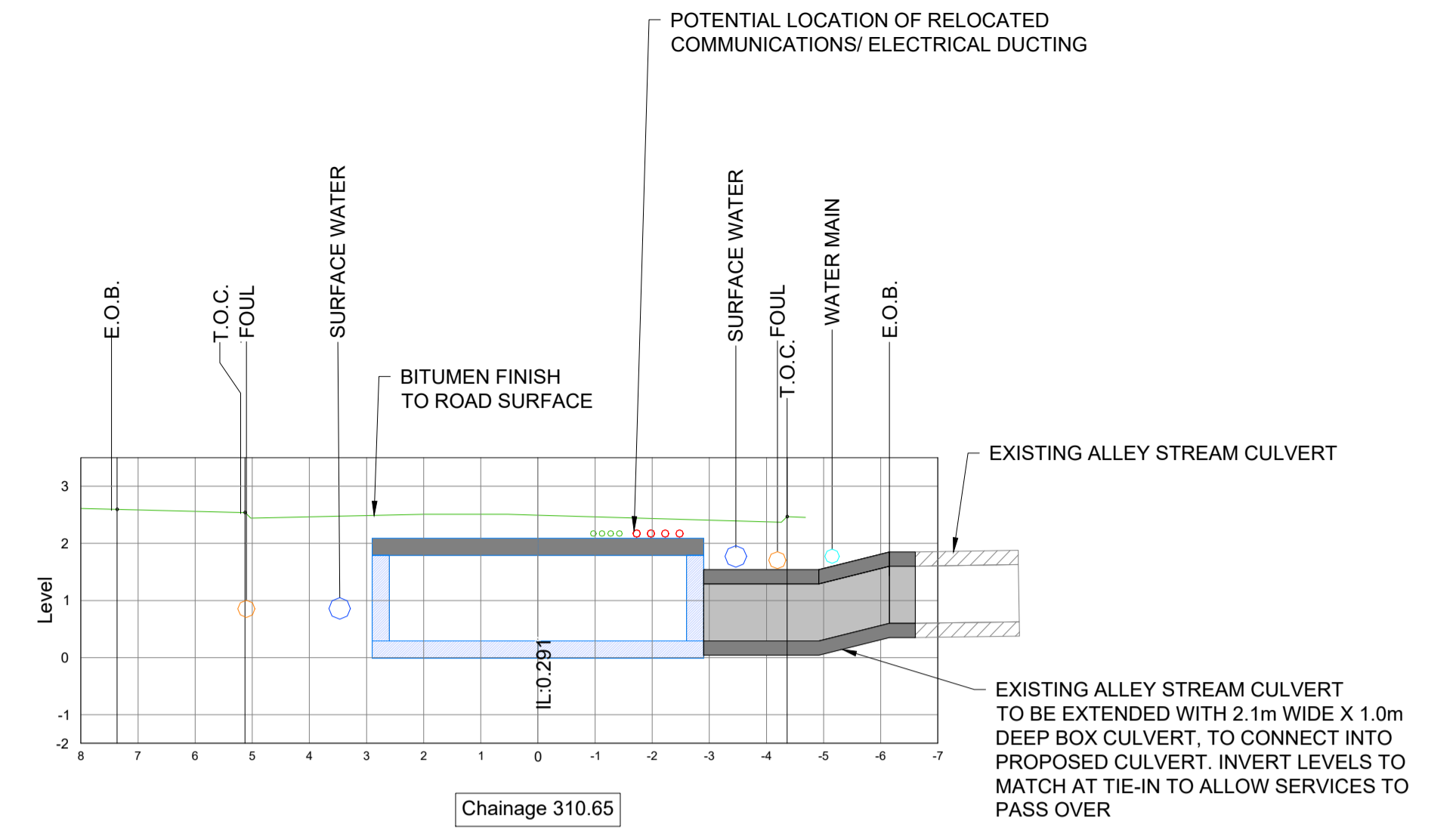
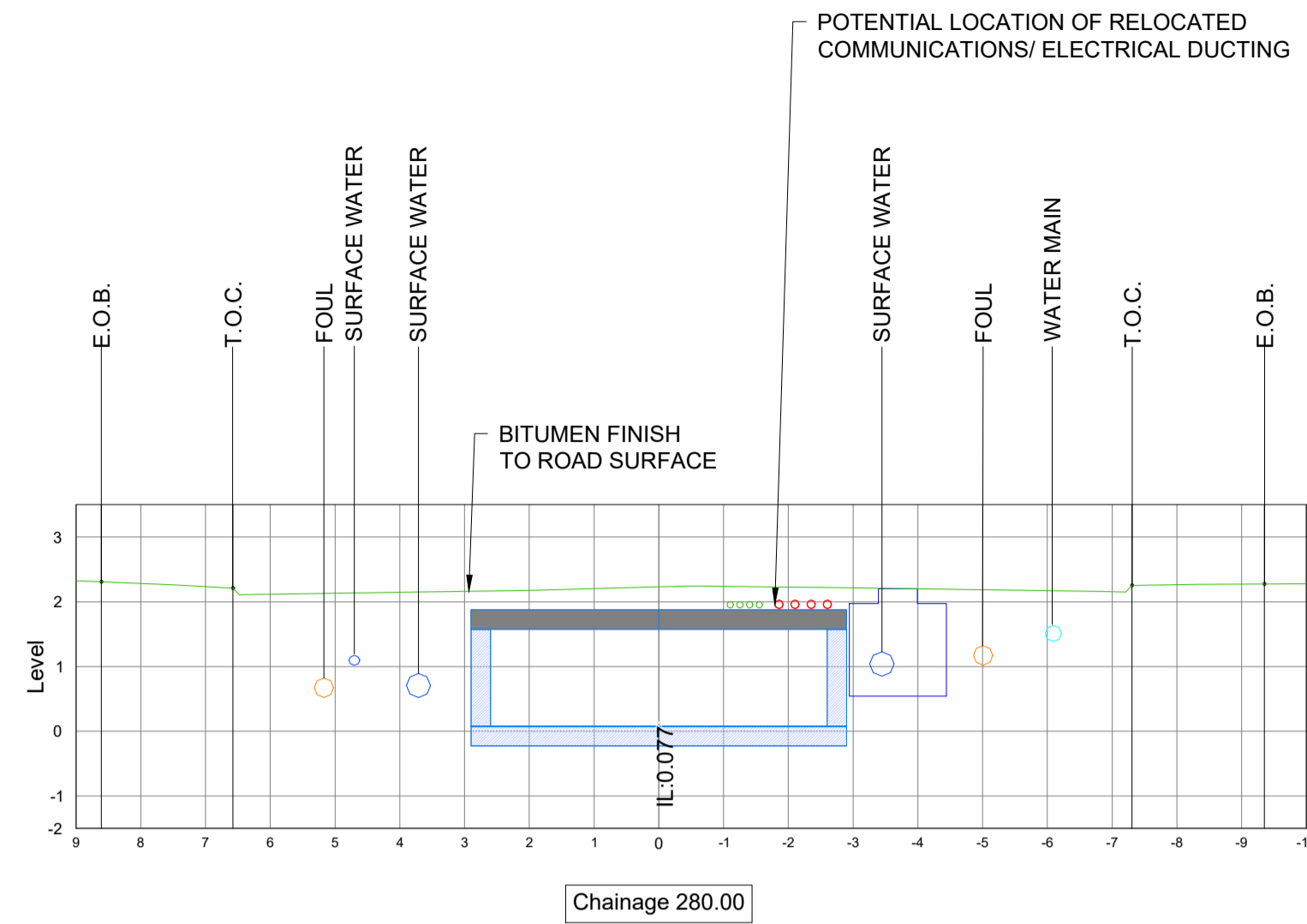
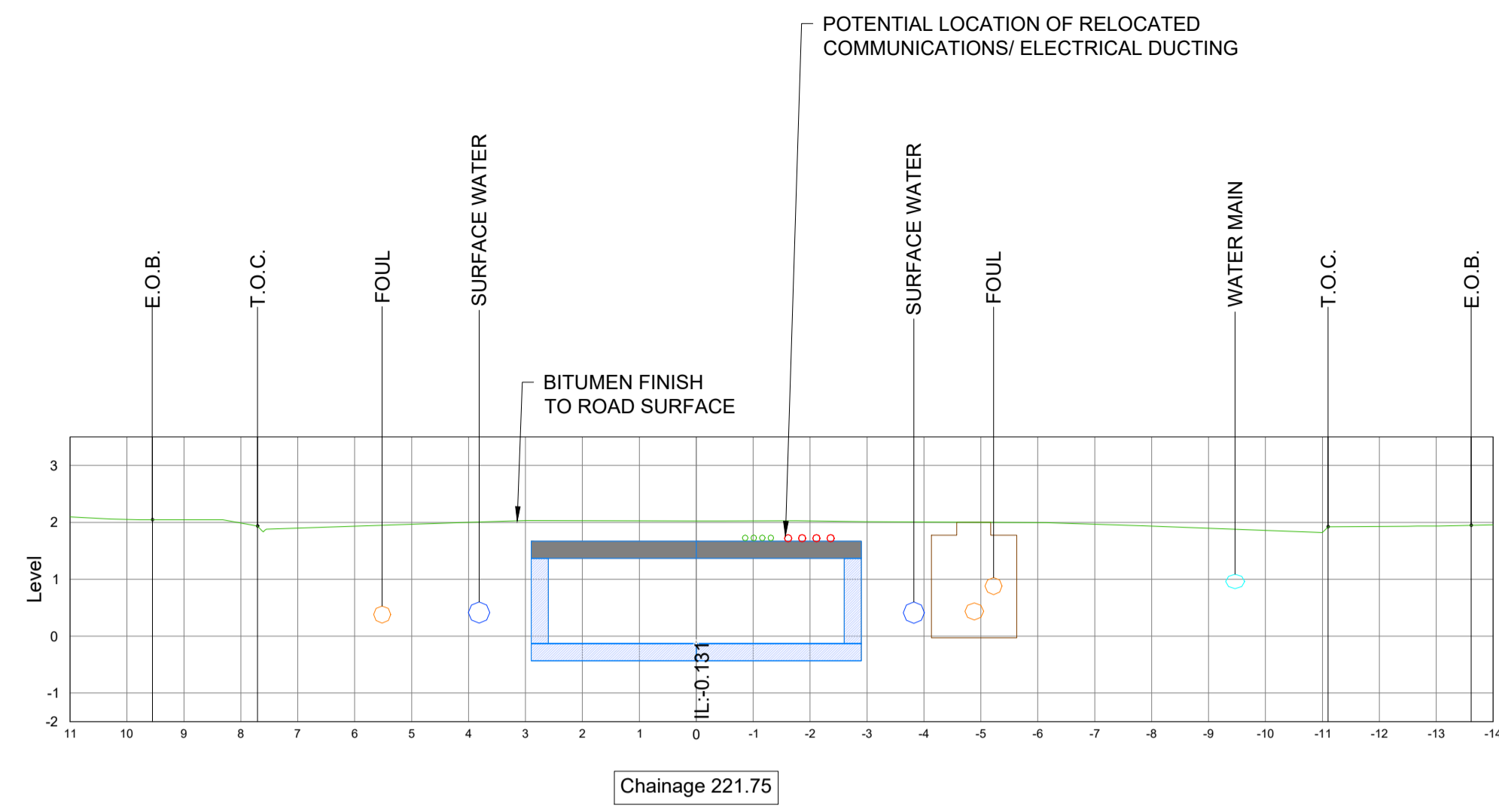
**BANTRY MILL CULVERT UPGRADE PROJECT**

PROJECT:	BANTRY MILL CULVERT UPGRADE PROJECT
CLIENT:	

**OVERALL PLAN & LONGITUDINAL SECTION**

DRAWN:	C.P.	CHECKED:	D.W.	APPROVED:	M.F.
PROJECT NUMBER:	24349	DATE:	NOV 2024	SCALE @ A1:	1:500
STATUS DESCRIPTION:	FOR INFORMATION			STATUS:	S2
DRAWING NUMBER:	24349 - MWP - ZZ - ZZ - DR - C - 1003	REV:	P01		





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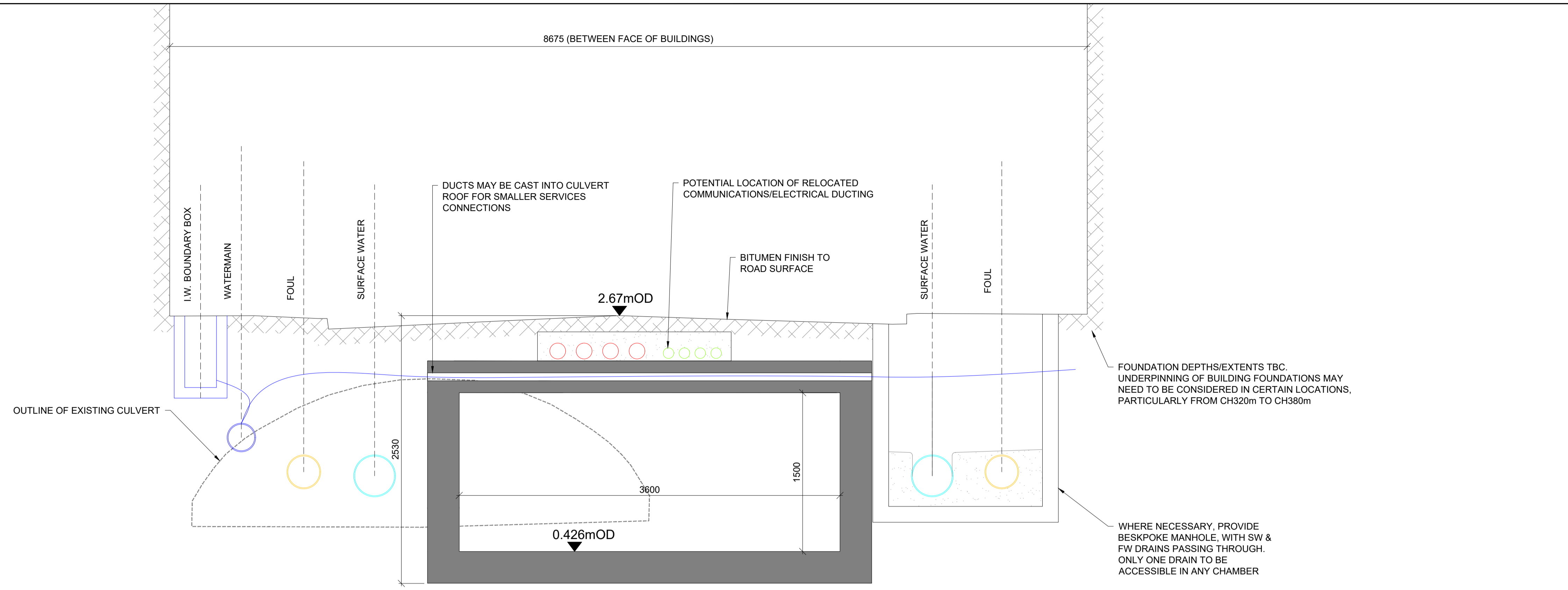
E.O.B DENOTES THE FACE OF BUILDING  
T.O.C DENOTES TOP OF KERB

REV	DATE	DESCRIPTION	C.P.	M.F.
P01	06.11.2024	ISSUED FOR PART 8 PLANNING	C.P.	M.F.
			BY	APP

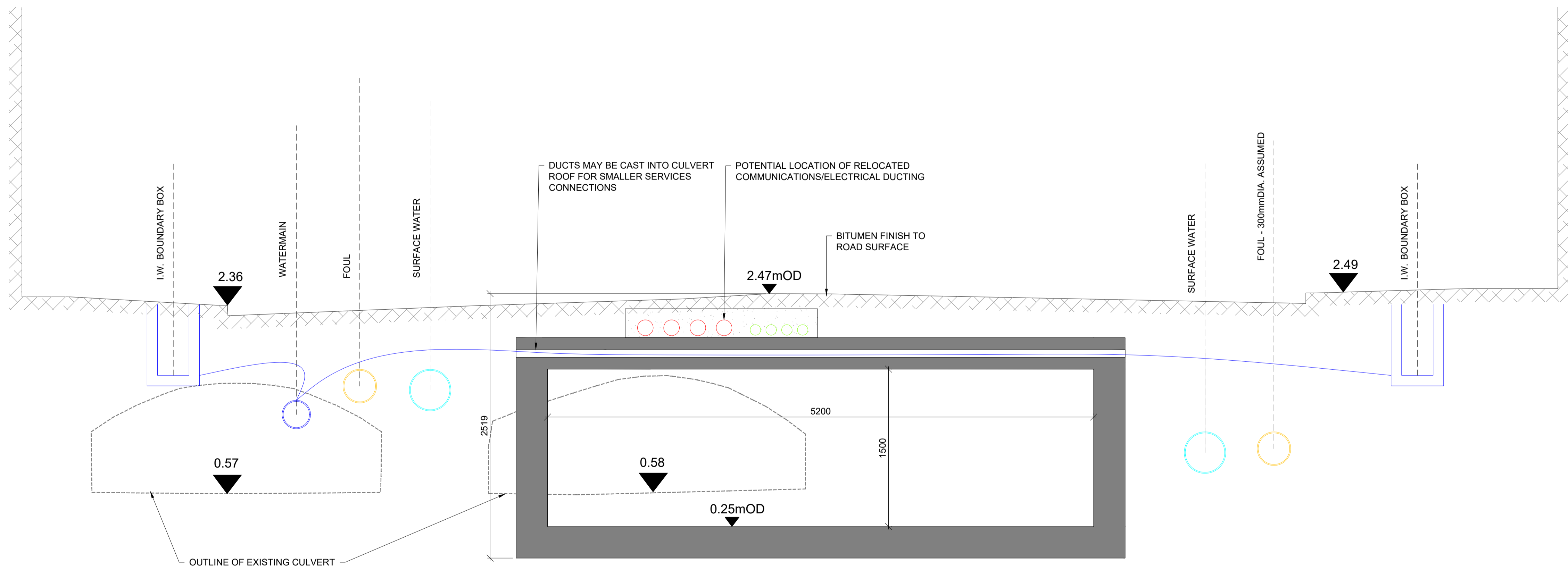


PROJECT:		BANTRY MILL PROJECT UPGRADE PROJECT	
CLIENT:			

TITLE: PROPOSED CULVERT CROSS SECTIONS			
DRAWN: C.P.	CHECKED: D.W.	APPROVED: M.F.	
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:100	
STATUS DESCRIPTION: FOR INFORMATION		STATUS: S2	
DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 1004		REV: P01	



TYPICAL SECTION THROUGH 3.6m WIDE CULVERT  
(TAKEN AT CHAINAGE 330m)



TYPICAL SECTION THROUGH 5.2m WIDE CULVERT  
(TAKEN AT CHAINAGE 305m)


**NOTES**

1. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN.
2. ALL COORDINATES ARE TO ITM.
3. DRAWINGS ARE NOT TO BE SCALED.
4. INCLUDES ORDNANCE SURVEY IRELAND DATA REPRODUCED UNDER OSI LICENCE NUMBER 2024/OSI\_NMA\_045. UNAUTHORISED REPRODUCTION INFRINGES ORDNANCE SURVEY IRELAND AND GOVERNMENT OF IRELAND COPYRIGHT. © ORDNANCE SURVEY IRELAND, YEAR 2024.
5. EXACT DETAILS OF RELOCATED SERVICES MAY VARY FROM PART 8 DRAWINGS DURING THE DETAILED DESIGN STAGE.

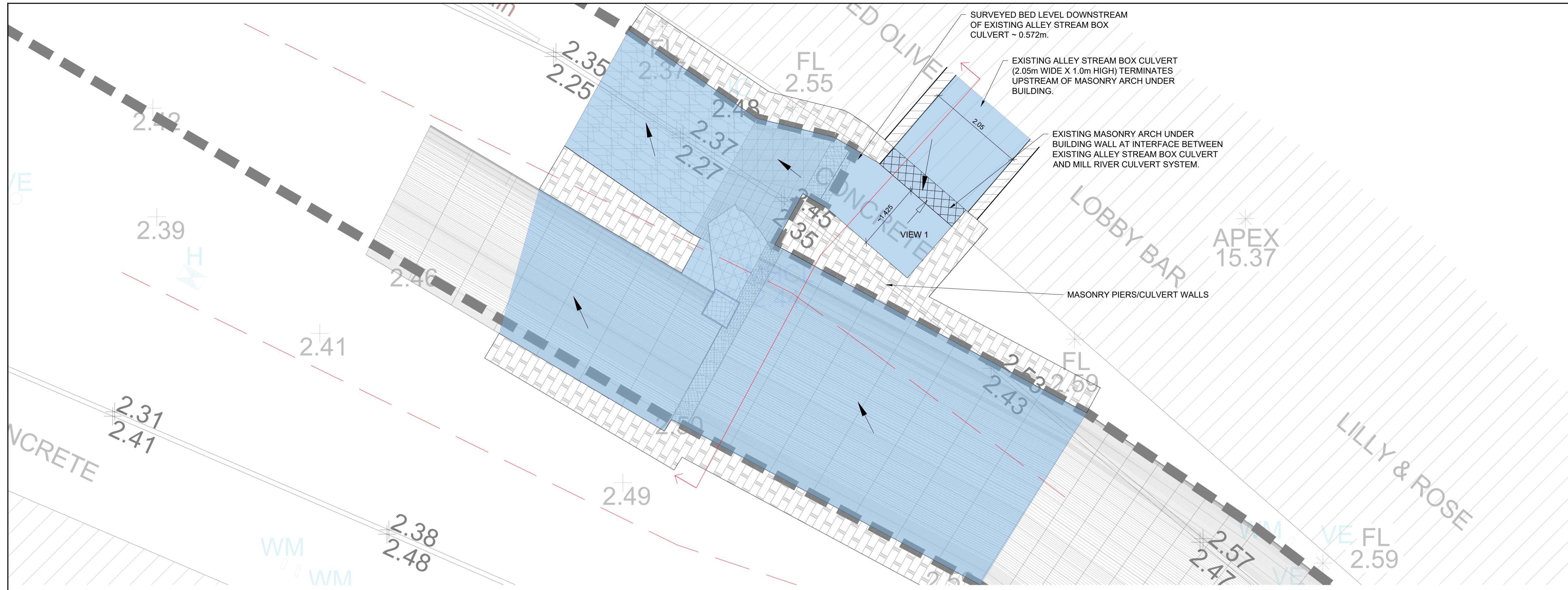
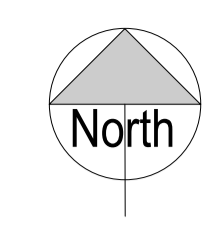
REV	DATE	DESCRIPTION	C.P.	M.F.
P01	06.11.2024	ISSUED FOR PART 8 PLANNING	C.P.	M.F.
			BY	APP



PROJECT: BANTRY MILL CULVERT UPGRADE PROJECT

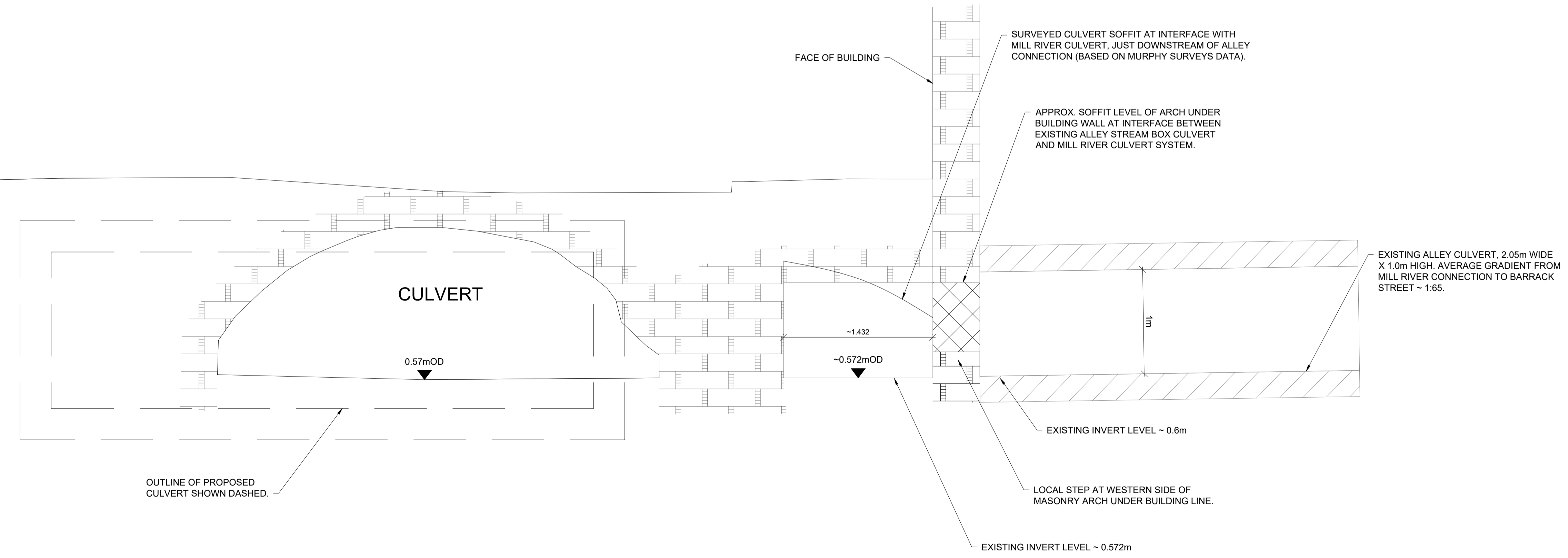
CLIENT: 

DETAILED CROSS SECTIONS			
DRAWN: C.P.	CHECKED: D.W.	APPROVED: M.F.	
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:25	
STATUS DESCRIPTION: FOR INFORMATION			STATUS: S2
DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 1005			REV: P01



**VIEW 1 - TAKEN LOOKING UPSTREAM INTO ALLEY STREAM BOX CULVERT (WITH MASONRY ARCH AT BUILDING LINE TO FRONT)**

**PART PLAN SHOWING CONNECTION OF ALLEY STREAM CULVERT TO MILL RIVER CULVERT**



**CROSS SECTION SHOWING CONNECTION OF ALLEY STREAM CULVERT TO MILL RIVER CULVERT**

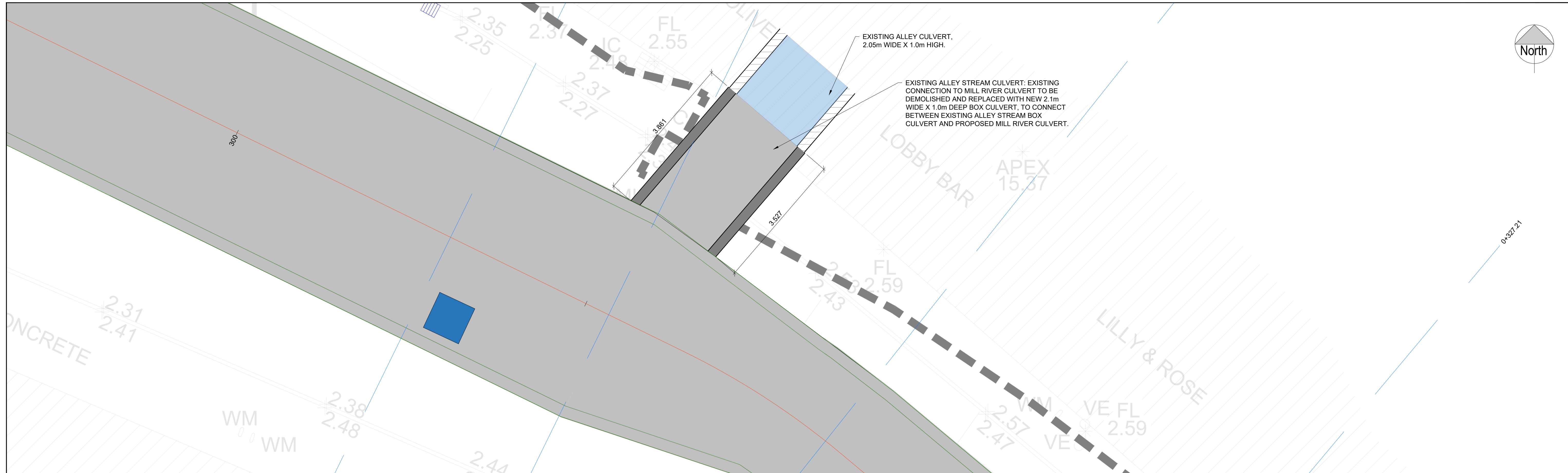
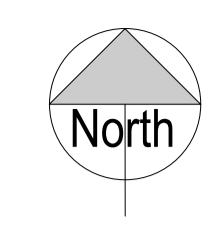
- NOTES**
1. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN.
  2. ALL COORDINATES ARE TO ITM.
  3. DRAWINGS ARE NOT TO BE SCALED.
  4. THE SERVICES LAYOUTS SHOWN ON THESE DRAWINGS ARE SUBJECT TO DETAILED DESIGN, FURTHER COORDINATION AND AGREEMENT WITH UISCE EIREANN AND ALL OTHER UTILITIES PROVIDERS. LOCAL CONNECTIONS MAY NOT BE SHOWN BUT WILL BE REQUIRED TO INDIVIDUAL PROPERTIES. NOTE THAT OTHER UTILITIES ARE PRESENT IN THE AREA, INCLUDING EIR, ESB & ENET. THESE UTILITIES WILL ALSO NEED TO BE MODIFIED IN ORDER TO ACCOMMODATE THE PROPOSED CULVERT UPGRADE AND OTHER SERVICES ALTERATIONS.
  5. THE ALLEY STREAM CONNECTION DETAILS SHOWN ON THIS DRAWING ARE BASED ON A COMBINATION OF SURVEY DATA AND VISUAL INSPECTIONS. WHILST EVERY EFFORT HAS BEEN MADE TO INTERPRET THE GEOMETRY AS ACCURATELY AS POSSIBLE BASED ON THE INFORMATION AVAILABLE, IT IS POSSIBLE THAT THE ACTUAL GEOMETRY MAY VARY FROM THE INTERPRETED GEOMETRY.

REV	DATE	DESCRIPTION	C.P.	M.F.	APP
P01	06.11.2024	ISSUED FOR PART 8 PLANNING	C.P.	M.F.	APP

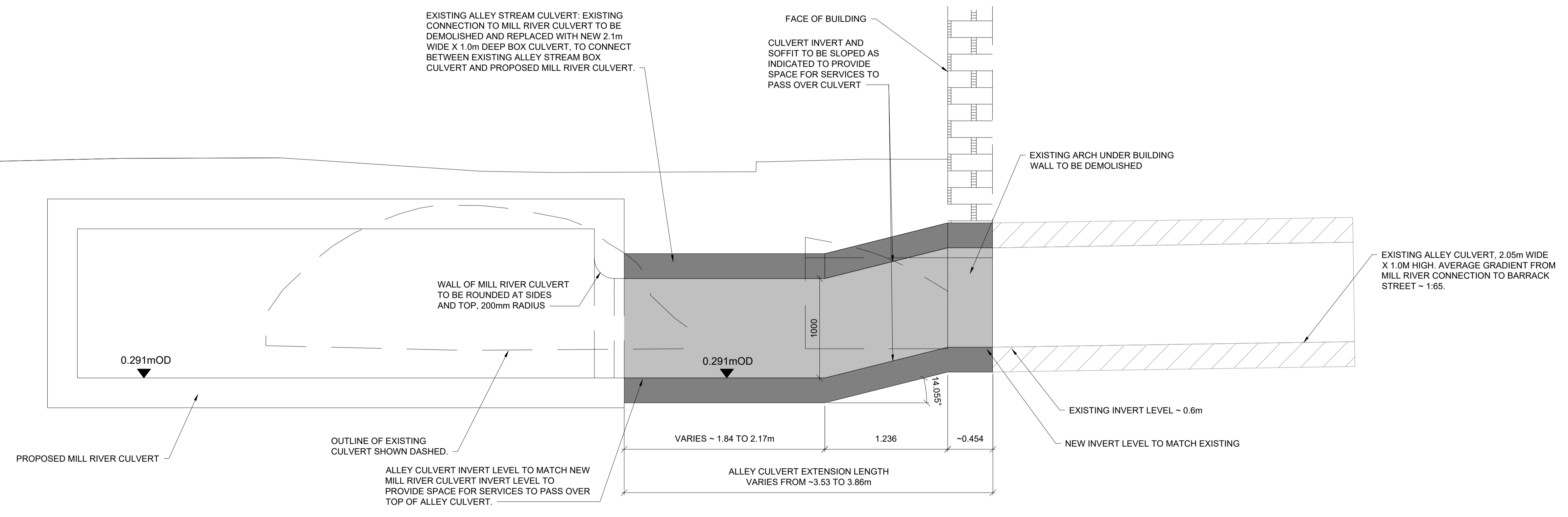
**PROJECT:**  
BANTRY MILL CULVERT UPGRADE PROJECT

**CLIENT:**

TITLE: EXISTING ALLEY STREAM CONNECTION			
DRAWN: C.P.	CHECKED: M.F.	APPROVED: M.F.	
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:50/1:25	
STATUS DESCRIPTION: FOR INFORMATION			STATUS: S2
DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 1008			REV: P01



**PART PLAN SHOWING CONNECTION OF ALLEY STREAM CULVERT TO MILL RIVER CULVERT**



**CROSS SECTION SHOWING CONNECTION OF ALLEY STREAM CULVERT TO MILL RIVER CULVERT**

- NOTES**
1. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN.
  2. ALL COORDINATES ARE TO ITM.
  3. DRAWINGS ARE NOT TO BE SCALED.
  4. THE SERVICES LAYOUTS SHOWN ON THESE DRAWINGS ARE SUBJECT TO DETAILED DESIGN, FURTHER COORDINATION AND AGREEMENT WITH UISCE EIREANN AND ALL OTHER UTILITIES PROVIDERS. LOCAL CONNECTIONS MAY NOT BE SHOWN BUT WILL BE REQUIRED TO INDIVIDUAL PROPERTIES. NOTE THAT OTHER UTILITIES ARE PRESENT IN THE AREA, INCLUDING EIR, ESB & ENET. THESE UTILITIES WILL ALSO NEED TO BE MODIFIED IN ORDER TO ACCOMMODATE THE PROPOSED CULVERT UPGRADE AND OTHER SERVICES ALTERATIONS.

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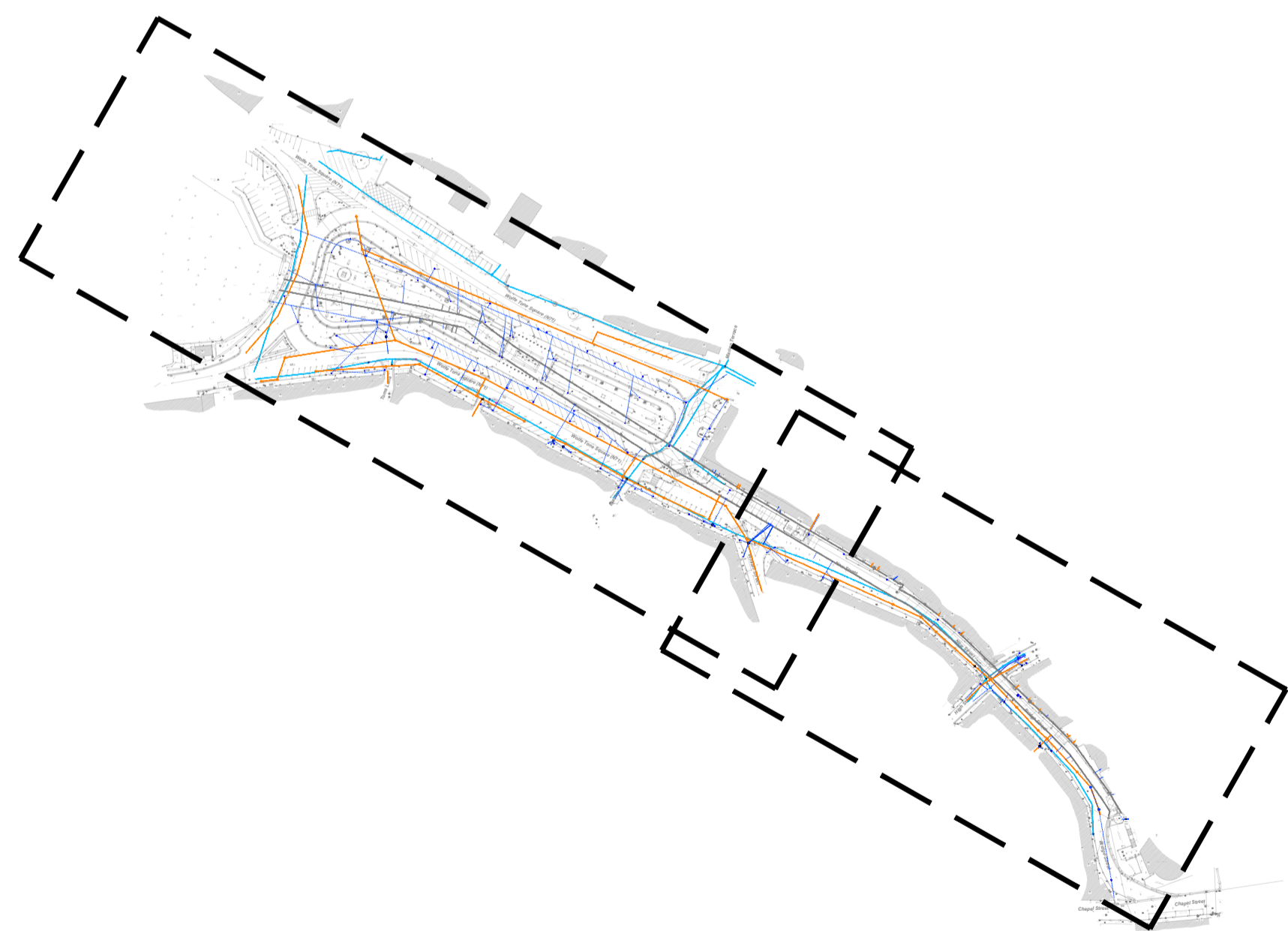
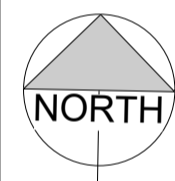
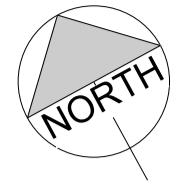
REV	DATE	DESCRIPTION	C.P.	M.F.
P01	06.11.2024	ISSUED FOR PART 8 PLANNING	C.P.	M.F.
			BY	APP



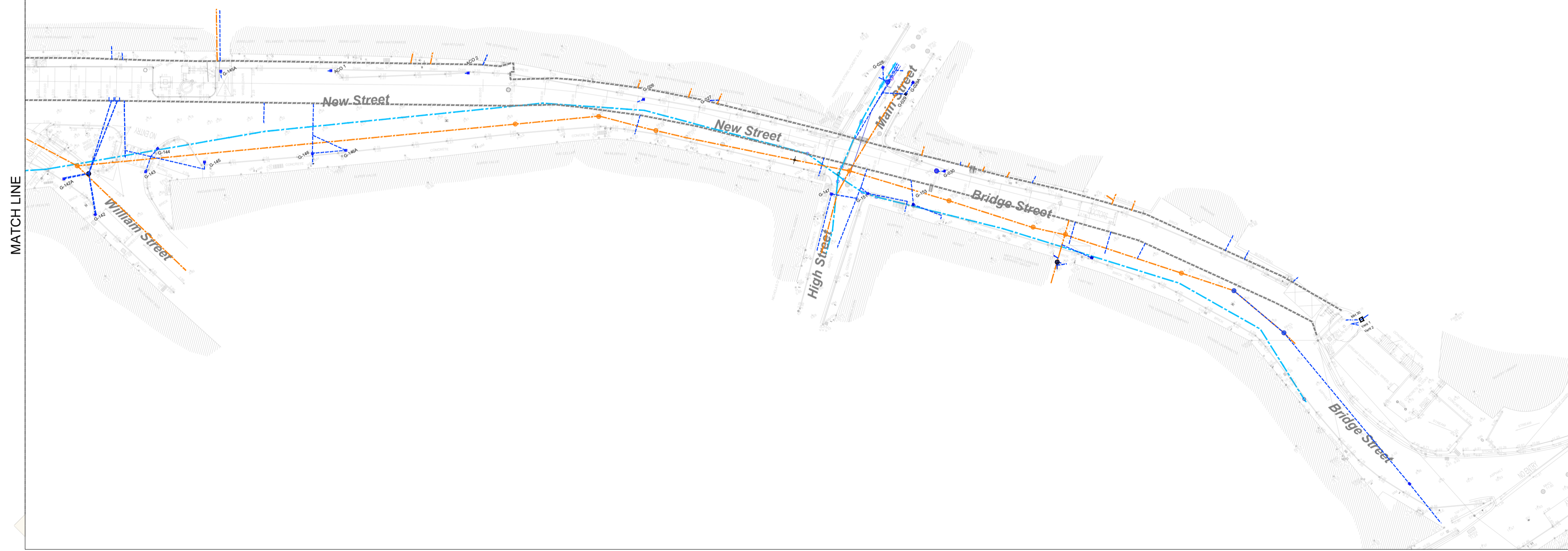
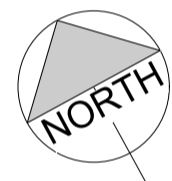
PROJECT: BANTRY MILL CULVERT UPGRADE PROJECT

CLIENT:

TITLE: PROPOED ALLEY STREAM CONNECTION		
DRAWN: C.P.	CHECKED: D.W.	APPROVED: M.F.
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:50/1:25
STATUS DESCRIPTION: FOR INFORMATION		STATUS: S2
DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 1009	REV: P01	



KEY PLAN  
NOT TO SCALE



NOTES

1. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN.
2. ALL COORDINATES ARE TO ITM.
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4. THE SERVICES LAYOUTS SHOWN ON THESE DRAWINGS ARE SUBJECT TO DETAILED DESIGN, FURTHER COORDINATION AND AGREEMENT WITH UISCE EIREANN AND ALL OTHER UTILITIES PROVIDERS. LOCAL CONNECTIONS MAY NOT BE SHOWN BUT WILL BE REQUIRED TO INDIVIDUAL PROPERTIES. NOTE THAT OTHER UTILITIES ARE PRESENT IN THE AREA, INCLUDING EIR, ESB & ENET. THESE UTILITIES WILL ALSO NEED TO BE MODIFIED IN ORDER TO ACCOMMODATE THE PROPOSED CULVERT UPGRADE AND OTHER SERVICES ALTERATIONS.

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6. INCLUDES ORDNANCE SURVEY IRELAND DATA REPRODUCED UNDER OSI LICENCE NUMBER 2024/OSI\_NMA\_045. UNAUTHORISED REPRODUCTION INFRINGES ORDNANCE SURVEY IRELAND AND GOVERNMENT OF IRELAND COPYRIGHT. © ORDNANCE SURVEY IRELAND, YEAR 2024.

LEGEND

- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- EXISTING COMBINED
- FOUL/SURFACE WATER
- PROPOSED FOUL
- EXISTING SURFACE WATER
- PROPOSED SURFACE WATER

REV	DATE	DESCRIPTION	C.P.	M.F.
P01	06.11.2024	ISSUED FOR PART 8 PLANNING	C.P.	M.F.
			BY	APP



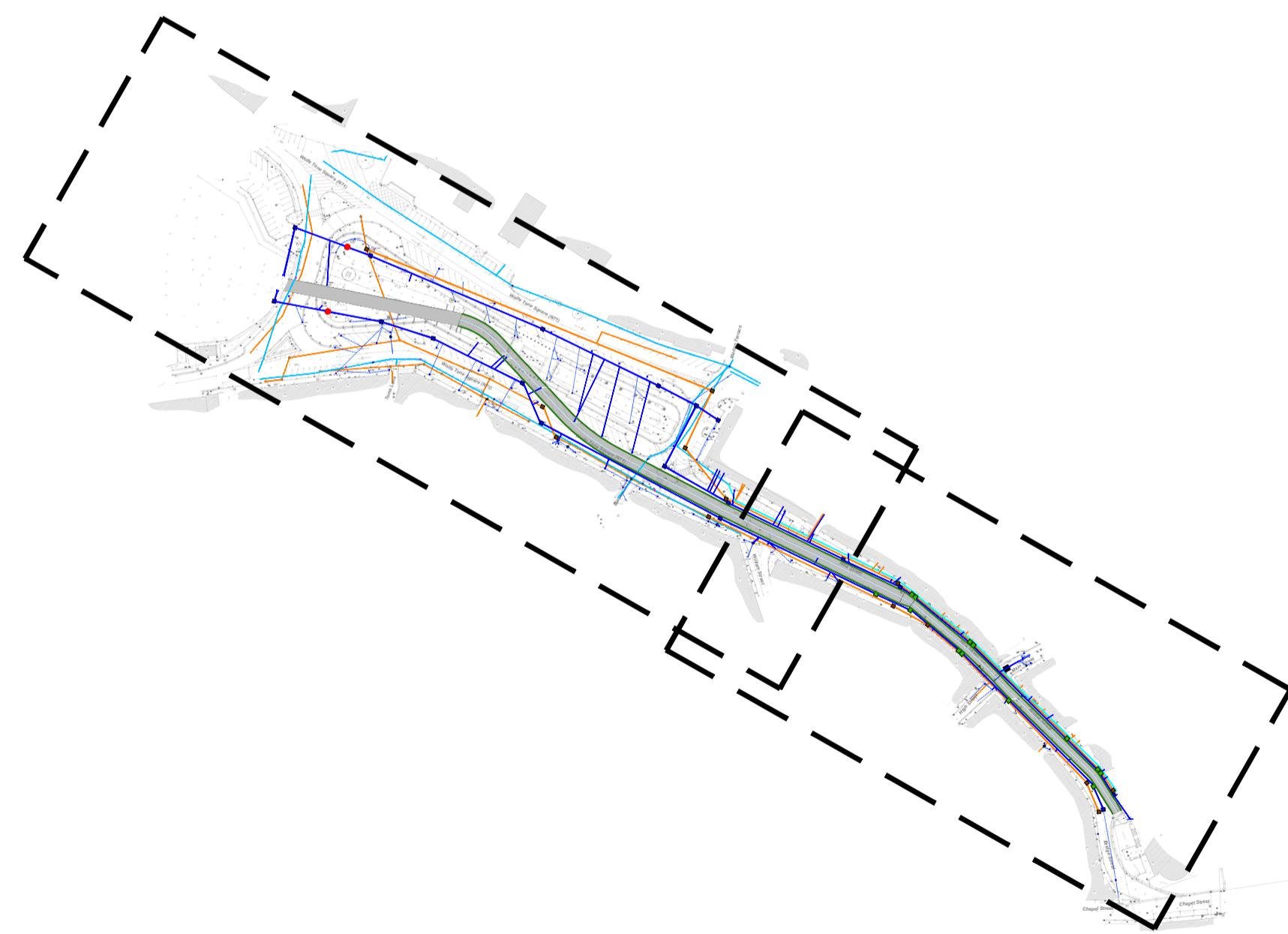
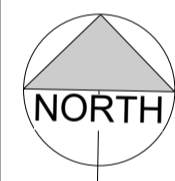
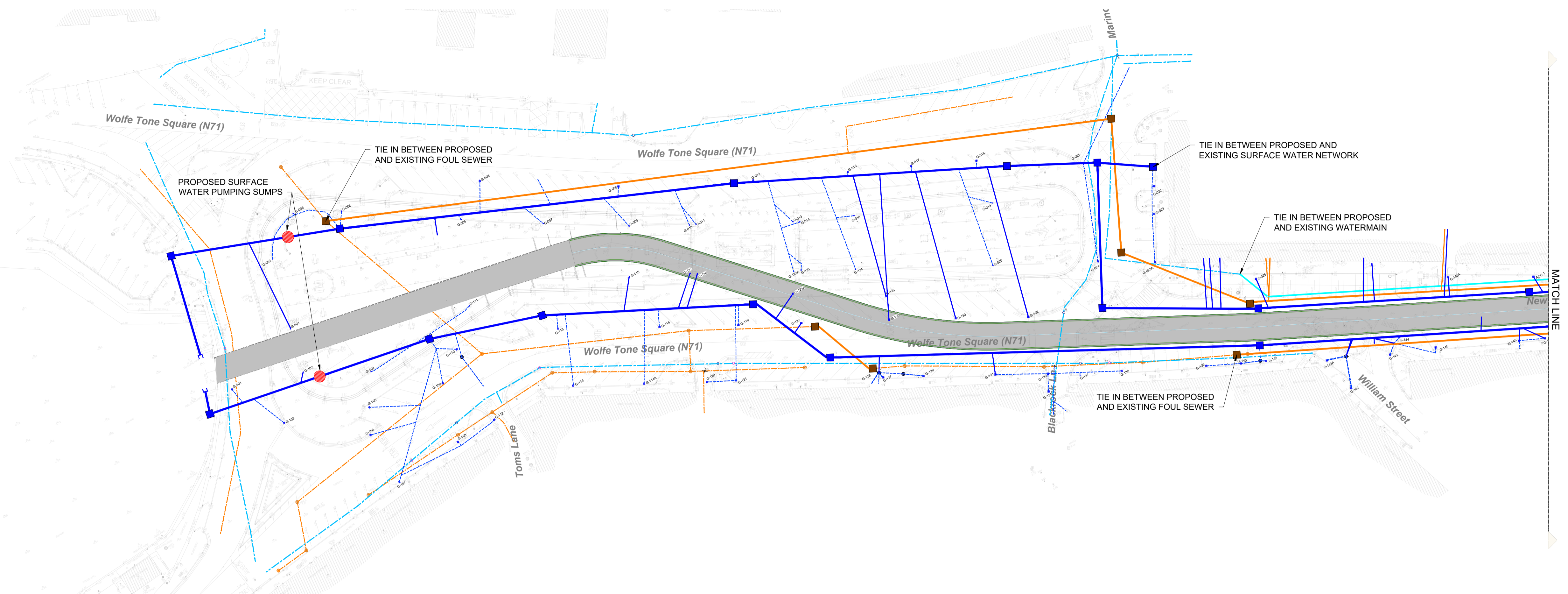
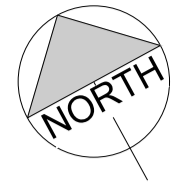
PROJECT:  
**BANTRY MILL CULVERT  
UPGRADE PROJECT**



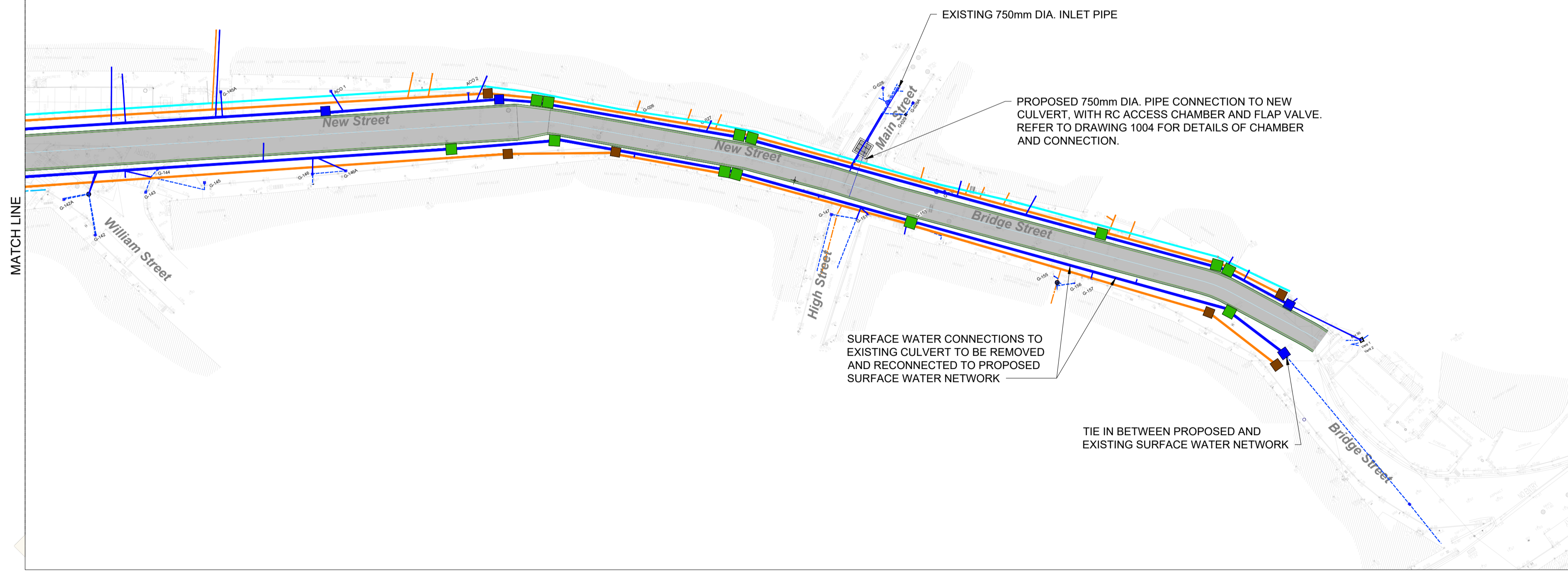
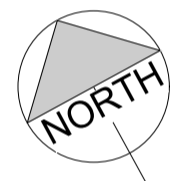
TITLE: **EXISTING OVERALL WATERMAIN,  
SURFACE WATER AND  
FOUL SEWER LAYOUT**

DRAWN: C.P.	CHECKED: D.W.	APPROVED: M.F.
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:500
STATUS DESCRIPTION: <b>FOR INFORMATION</b>		STATUS: <b>S2</b>

DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 001	REV: P01
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KEY PLAN  
NOT TO SCALE



- NOTES**
1. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN.
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**LEGEND**

	EXISTING WATERMAIN
	PROPOSED WATERMAIN
	EXISTING COMBINED FOUL/SURFACE WATER
	PROPOSED FOUL
	EXISTING SURFACE WATER
	PROPOSED SURFACE WATER

REV	DATE	DESCRIPTION	C.P.	M.F.
P01	06.11.2024	ISSUED FOR PART 8 PLANNING	C.P.	M.F.
			BY	APP



PROJECT: **BANTRY MILL CULVERT UPGRADE PROJECT**

CLIENT:

TITLE: <b>PROPOSED OVERALL WATERMAIN, SURFACE WATER AND FOUL SEWER LAYOUT</b>			
DRAWN: C.P.	CHECKED: D.W.	APPROVED: M.F.	
PROJECT NUMBER: 24349	DATE: NOV 2024	SCALE @ A1: 1:500	
STATUS DESCRIPTION: <b>FOR INFORMATION</b>		STATUS: <b>S2</b>	
DRAWING NUMBER: 24349 - MWP - ZZ - ZZ - DR - C - 2002			REV: P01