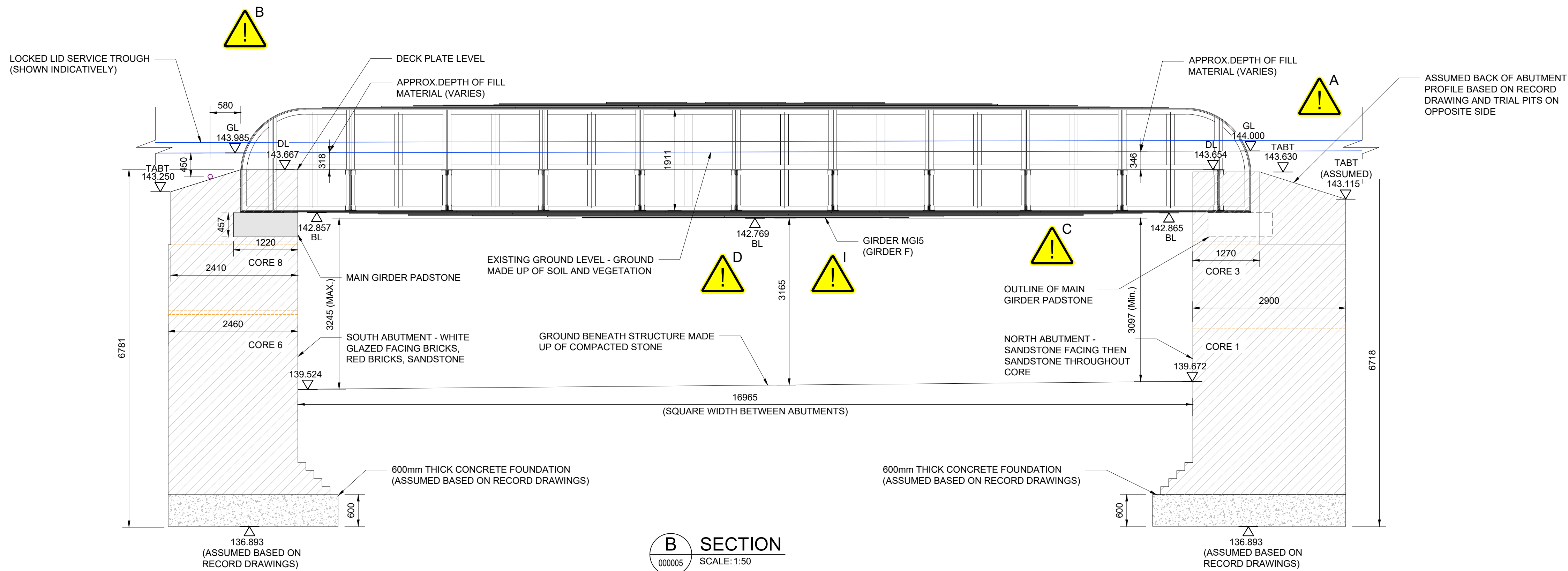




- NOTES:**
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE, ALL LEVELS ARE SHOWN IN METRES AOD UNLESS NOTED OTHERWISE.
 2. THIS DRAWING IS PRODUCED BASED ON TOPOGRAPHICAL SURVEY UNDERTAKEN BY PBH SURVEYS IN OCTOBER 2021 ON BEHALF OF ARCADIS CONSULTING (UK) LTD AND AVAILABLE NETWORK RAIL ARCHIVE INFORMATION. REFER TO TOPO SURVEY REPORT FOR CONTROL STATION COORDINATES AND WITNESS DIAGRAMS.
 3. ALL LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCING WORKS.
 4. ABUTMENT THICKNESS HAS BEEN DRAWN BASED ON AVAILABLE ARCHIVE INFORMATION AND VERIFIED BY CORES UNDERTAKEN BY BGA STRUCTURAL TESTING LTD (ON BEHALF OF ARCADIS). CORE REPORT REF. 4211/1.

ABBREVIATIONS:

BL - BEARING LEVEL
DL - DECK LEVEL
GL - GROUND LEVEL
TABT - TOP OF ABUTMENT LEVEL

LEGEND

--- LOCATIONS OF HORIZONTAL CORES INTO ABUTMENT
--- LOCKED LID CABLE TROUGH
--- BURIED STEEL PIPE (ASSUMED REDUNDANT WATER FEED)

B02	01-12-22	FORM G FOR APPROVAL	GF	MB	RP
B01	14-11-22	FORM G FOR APPROVAL	GF	MB	RP
B01	29-08-22	DRAFT	GF	MB	RP
Rev	Date	Description	Drawn	Check	Approv



PROJECT:

MVN2/60 UNDERBRIDGE
GRIP 5



www.arcadis.com

TITLE:

MVN2/60 ROCHDALE CANAL
EXISTING GENERAL ARRANGEMENT
SECTION (SHEET 3 OF 3)

Designed	A.LITTLEWOOD	Signed	01-12-2022
Drawn	G.FERNANDES	Signed	01-12-2022
Checked	M.BARDIN	Signed	01-12-2022
Reviewed	R.PLATT	Signed	01-12-2022
Approved	R.PLATT	Signed	01-12-2022
Scale:	AS SHOWN	Datum:	AOD
Original Size:	A1	Grid:	TPEN16
ELR:	MVN2	Mileage:	10m 1016yds
Suitability Code:	S3	Project Number:	10047371

Suitability Description:
FORM G FOR APPROVAL

Drawing Number: 10047371-ARC-10-XX-DR-CE-000007
Revision: B02

	HAZARD SUMMARY TABLE																						
	<table><tr><th>SIGNIFICANT DESIGNER'S IDENTIFIED HAZARDS</th><th>LIFE SAVING RULES</th></tr><tr><td colspan="2">SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION</td></tr><tr><td colspan="2">THE FOLLOWING NOTES HIGHLIGHT SIGNIFICANT RESIDUAL HAZARD IDENTIFIED BY THE DESIGNER. TYPICAL HAZARDS THAT SHOULD BE IDENTIFIED BY A COMPETENT CONTRACTOR ARE NOT INCLUDED. THE CONTRACTOR SHALL CARRY OUT THE WORKS USING AN APPROVED SAFE SYSTEM OF WORK.</td></tr><tr><td colspan="2">SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED DURING THE COURSE OF THE WORKS, THE CONTRACTOR SHALL NOTIFY ALL RELEVANT MEMBERS OF THE PROJECT TEAM.</td></tr><tr><td colspan="2"> DRUGS / ALCOHOL TRAINING & COMPETENCY NO MOBILE PHONES CORRECT EQUIPMENT OBEY DRIVING RULES EARTHING EXCLUSION ZONE PLANS AND PERMITS SAFETY HARNESS AT HEIGHT ISOLATION </td></tr><tr><td>A</td><td>CAPACITY OF MVN2/61 UNKNOWN. STRUCTURE NOT TO BE LOADED BY PLANT AND MACHINERY.</td></tr><tr><td>B</td><td>MULTIPLE UNIDENTIFIED CABLES IN SECURE CABLE TROUGH. CABLE SLACK UNKNOWN. BURIED SERVICES IDENTIFIED WITHIN REDUNDANT SPANS.</td></tr><tr><td>C</td><td>HIGH INCIDENCE OF PIGEON INFESTATION AND RESULTANT PIGEON GUANO BENEATH STRUCTURE</td></tr><tr><td>D</td><td>LOW HEADROOM WHEN WORKING FROM SCAFFOLD BENEATH STRUCTURE</td></tr><tr><td>I</td><td>POTENTIAL FOR LEAD IN EXISTING COATINGS.</td></tr><tr><td colspan="2">• REFER TO DESIGNERS RISK ASSESSMENT 10047371-ARC-10-XX-RP-CE-000002 FOR FURTHER DETAILS.</td></tr></table>	SIGNIFICANT DESIGNER'S IDENTIFIED HAZARDS	LIFE SAVING RULES	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION		THE FOLLOWING NOTES HIGHLIGHT SIGNIFICANT RESIDUAL HAZARD IDENTIFIED BY THE DESIGNER. TYPICAL HAZARDS THAT SHOULD BE IDENTIFIED BY A COMPETENT CONTRACTOR ARE NOT INCLUDED. THE CONTRACTOR SHALL CARRY OUT THE WORKS USING AN APPROVED SAFE SYSTEM OF WORK.		SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED DURING THE COURSE OF THE WORKS, THE CONTRACTOR SHALL NOTIFY ALL RELEVANT MEMBERS OF THE PROJECT TEAM.		DRUGS / ALCOHOL TRAINING & COMPETENCY NO MOBILE PHONES CORRECT EQUIPMENT OBEY DRIVING RULES EARTHING EXCLUSION ZONE PLANS AND PERMITS SAFETY HARNESS AT HEIGHT ISOLATION		A	CAPACITY OF MVN2/61 UNKNOWN. STRUCTURE NOT TO BE LOADED BY PLANT AND MACHINERY.	B	MULTIPLE UNIDENTIFIED CABLES IN SECURE CABLE TROUGH. CABLE SLACK UNKNOWN. BURIED SERVICES IDENTIFIED WITHIN REDUNDANT SPANS.	C	HIGH INCIDENCE OF PIGEON INFESTATION AND RESULTANT PIGEON GUANO BENEATH STRUCTURE	D	LOW HEADROOM WHEN WORKING FROM SCAFFOLD BENEATH STRUCTURE	I	POTENTIAL FOR LEAD IN EXISTING COATINGS.	• REFER TO DESIGNERS RISK ASSESSMENT 10047371-ARC-10-XX-RP-CE-000002 FOR FURTHER DETAILS.	
SIGNIFICANT DESIGNER'S IDENTIFIED HAZARDS	LIFE SAVING RULES																						
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION																							
THE FOLLOWING NOTES HIGHLIGHT SIGNIFICANT RESIDUAL HAZARD IDENTIFIED BY THE DESIGNER. TYPICAL HAZARDS THAT SHOULD BE IDENTIFIED BY A COMPETENT CONTRACTOR ARE NOT INCLUDED. THE CONTRACTOR SHALL CARRY OUT THE WORKS USING AN APPROVED SAFE SYSTEM OF WORK.																							
SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED DURING THE COURSE OF THE WORKS, THE CONTRACTOR SHALL NOTIFY ALL RELEVANT MEMBERS OF THE PROJECT TEAM.																							
DRUGS / ALCOHOL TRAINING & COMPETENCY NO MOBILE PHONES CORRECT EQUIPMENT OBEY DRIVING RULES EARTHING EXCLUSION ZONE PLANS AND PERMITS SAFETY HARNESS AT HEIGHT ISOLATION																							
A	CAPACITY OF MVN2/61 UNKNOWN. STRUCTURE NOT TO BE LOADED BY PLANT AND MACHINERY.																						
B	MULTIPLE UNIDENTIFIED CABLES IN SECURE CABLE TROUGH. CABLE SLACK UNKNOWN. BURIED SERVICES IDENTIFIED WITHIN REDUNDANT SPANS.																						
C	HIGH INCIDENCE OF PIGEON INFESTATION AND RESULTANT PIGEON GUANO BENEATH STRUCTURE																						
D	LOW HEADROOM WHEN WORKING FROM SCAFFOLD BENEATH STRUCTURE																						
I	POTENTIAL FOR LEAD IN EXISTING COATINGS.																						
• REFER TO DESIGNERS RISK ASSESSMENT 10047371-ARC-10-XX-RP-CE-000002 FOR FURTHER DETAILS.																							

