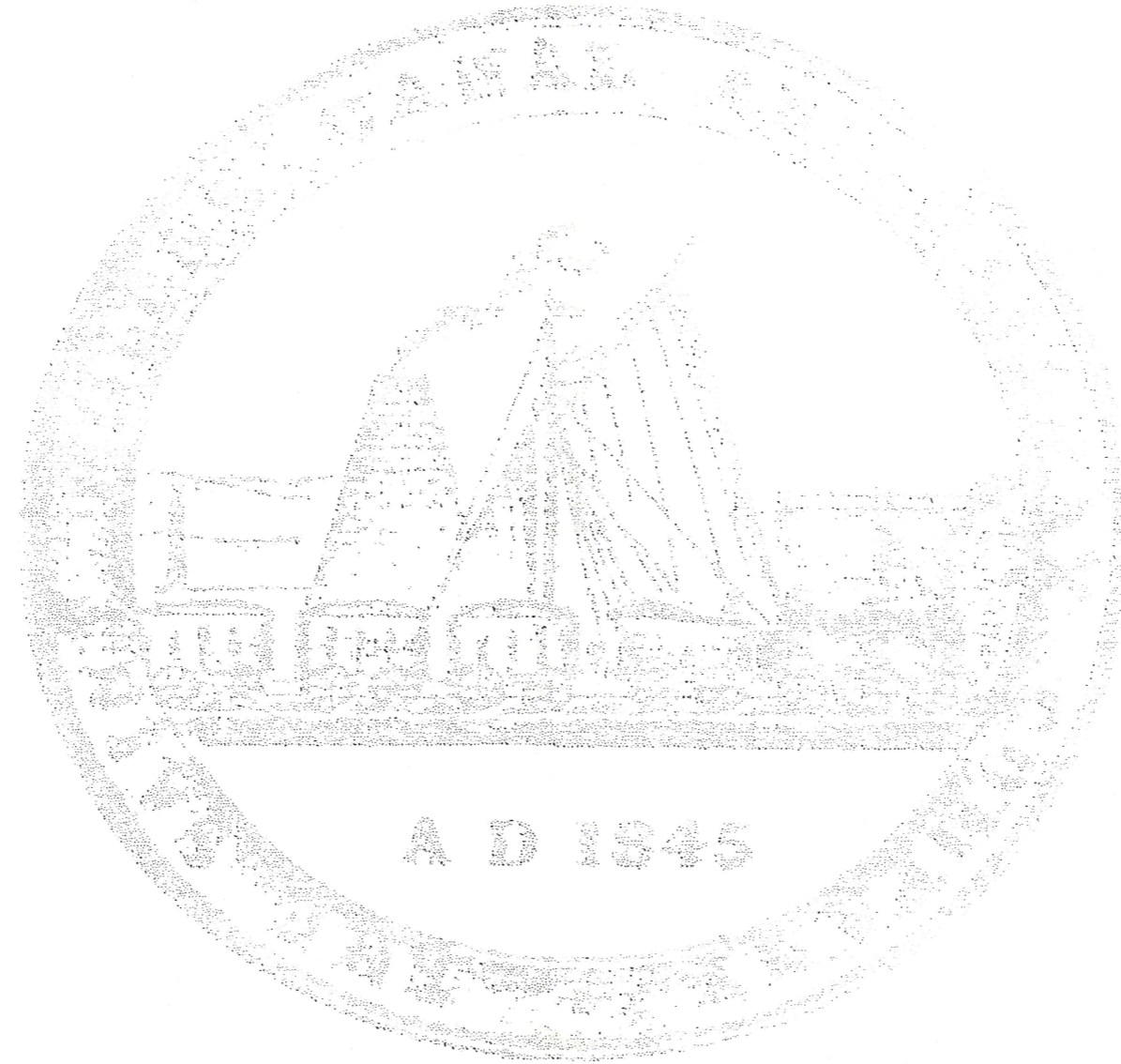


# ST HELENS CANAL RESTORATION

## FEASIBILITY STUDY



**VOLUME 5**

**TECHNICAL APPENDIX - RESTORATION PROPOSAL DRAWINGS**

***WS/Atkins***



Certificate No. FS 20794

ST HELENS CANAL  
FEASIBILITY STUDY  
VOLUME 5  
RESTORATION PROPOSALS DRAWINGS

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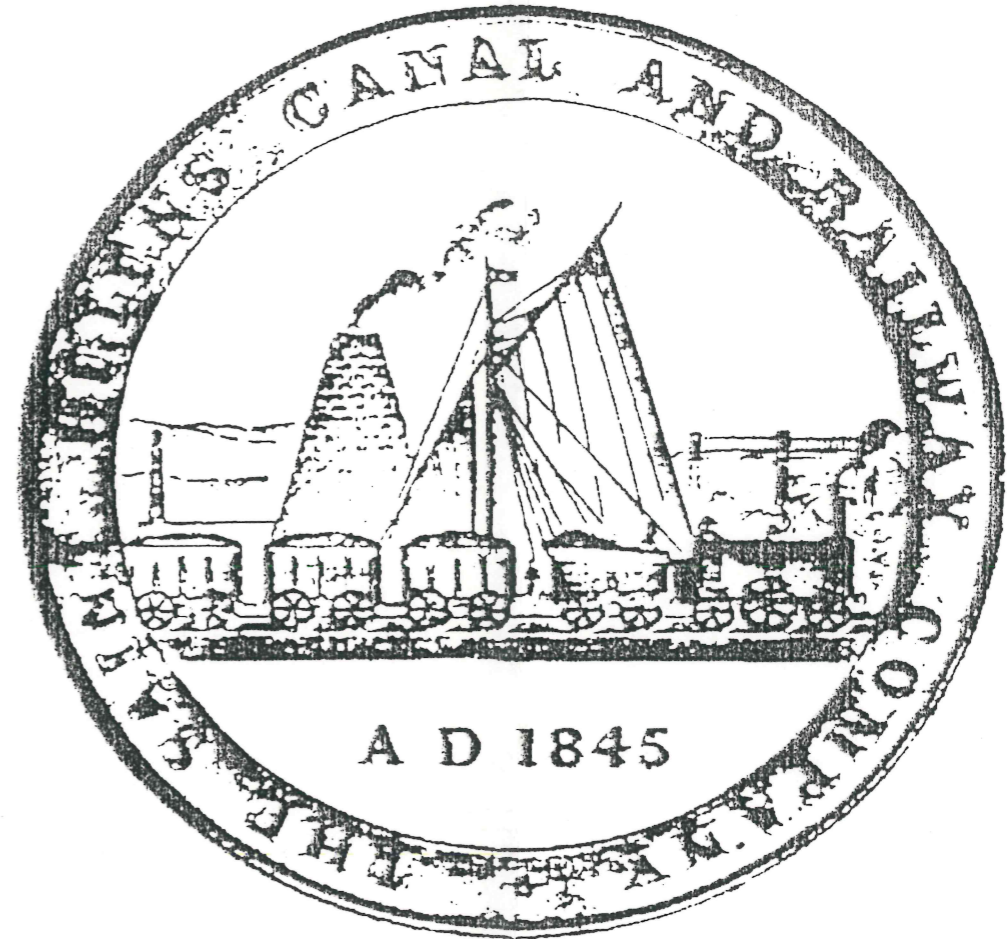
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Reference: AY2311.850/JMH/jp/120.7521  
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## INTRODUCTION AND CONTENTS

WS Atkins were commissioned by Warrington Borough Council on behalf of a group of authorities and organisations to investigate and report on the feasibility of restoring the St Helens Canal to navigation throughout its length from Spike Island, Widnes to the various feeder branches in St Helens.

The Feasibility Study Report is contained within six volumes:

Volume 1	Main Technical Report
Volume 2	Technical Appendix - Structures
Volume 3	Technical Appendix - Geotechnics
Volume 4	Technical Appendix - Planning and Ecology
Volume 5	Technical Appendix - Restoration Proposals Drawings
Volume 6	Executive Summary

This volume, Technical Appendix - Restoration Proposals Drawings contains the following drawings:-

### General Series

AY2311/120/850/011	Key Plans
AY2311/120/850/012	Canal Longitudinal Section

### Typical and Miscellaneous Details

AY2311/120/850/021	Typical Waterway Sections and Dimensions
AY2311/120/850/022	Typical Box Culvert Bridge
AY2311/120/850/023	Hulme Aqueduct over Sankey Brook
AY2311/120/850/024	New Double Lock to Blackbrook
AY2311/120/850/025	Park Road/Boardmans Lane

### Canal Track Sheets

AY2311/120/850/031	Track Sheet Section A1
AY2311/120/850/032	Track Sheet Section A2
AY2311/120/850/033	Track Sheet Section B1
AY2311/120/850/034	Track Sheet Section B2
AY2311/120/850/035	Track Sheet Section C1
AY2311/120/850/036	Track Sheet Section C2

AY2311/120/850/037	Track Sheet Section D
AY2311/120/850/038	Track Sheet Section E
AY2311/120/850/039	Track Sheet Section F
AY2311/120/850/040	Track Sheet Section G
AY2311/120/850/041	Track Sheet Section H
AY2311/120/850/042	Track Sheet Section J
AY2311/120/850/043	Track Sheet Section K
AY2311/120/850/044	Track Sheet Section L1
AY2311/120/850/045	Track Sheet Section L2
AY2311/120/850/046	Track Sheet Section M1
AY2311/120/850/047	Track Sheet Section M2
AY2311/120/850/048	Track Sheet Section N

These illustrate existing features along the canal and the restoration proposals. They have been prepared in sections, from A to N, in accordance with the system contained in the "Guide to the Sankey Canal Towpath" published by the Sankey Canal Restoration Society, with chainages measured in metres from Widnes Lock.

### Restoration Cross Sections

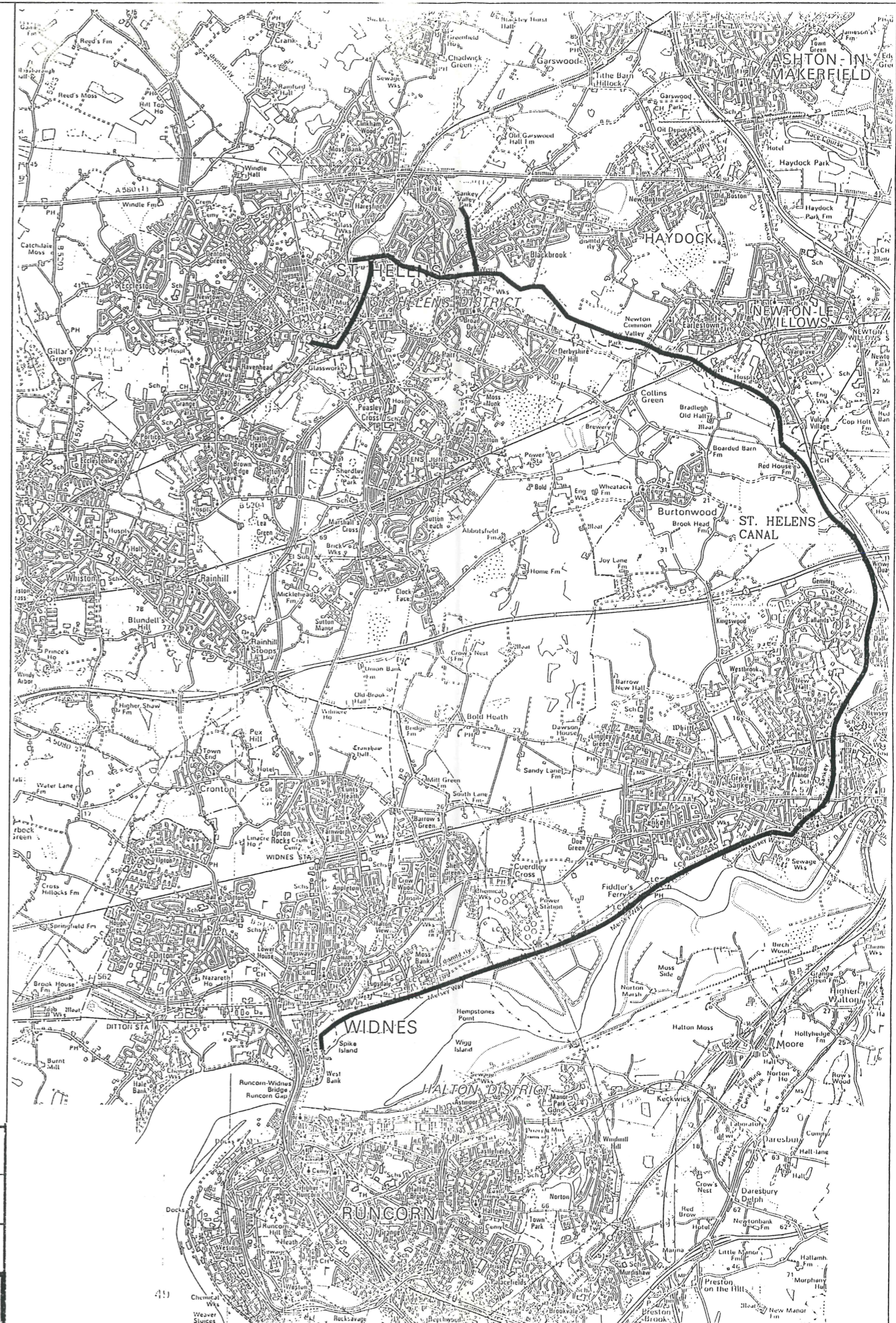
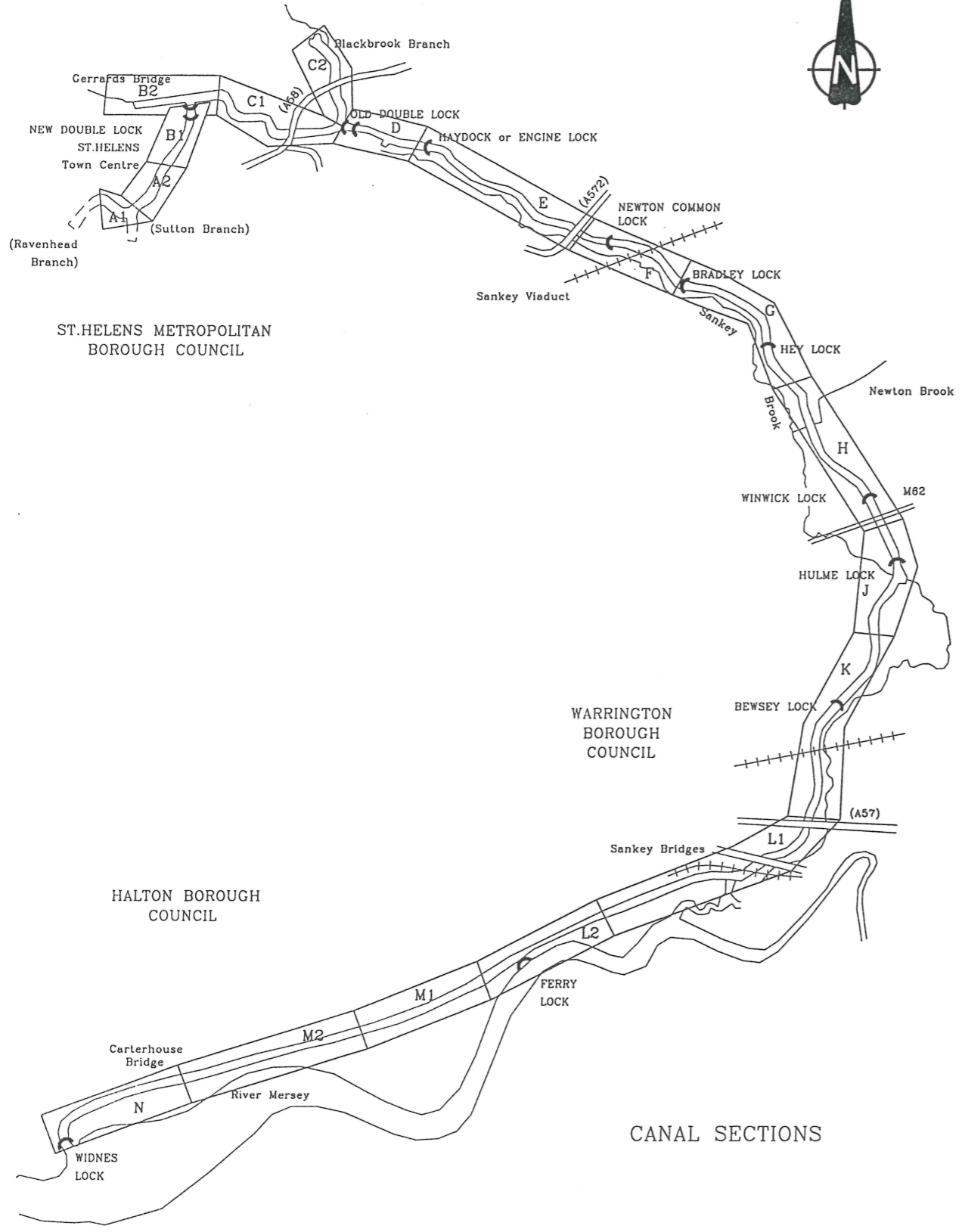
AY2311/120/850/051	Cross Sections - Canal Detail Ref No 1 & 2
AY2311/120/850/052	Cross Sections - Canal Detail Ref No 3 & 4
AY2311/120/850/053	Cross Sections - Canal Detail Ref No 5 & 6
AY2311/120/850/054	Cross Sections - Canal Detail Ref No 7 & 8
AY2311/120/850/055	Cross Sections - Canal Detail Ref No 9 & 10
AY2311/120/850/056	Cross Sections - Canal Detail Ref No 11 & 12
AY2311/120/850/057	Cross Sections - Canal Detail Ref No 13 & 14
AY2311/120/850/058	Cross Sections - Canal Detail Ref No 15 & 16
AY2311/120/850/059	Cross Sections - Canal Detail Ref No 17 & 18

These show cross sections of the canal along its route and illustrate the works proposed to restore a navigable channel.


### 1:10,000 Scale Plans

AY2311/120/850/003	Structures Location Plan - Sheet 1
AY2311/120/850/004	Structures Location Plan - Sheet 2

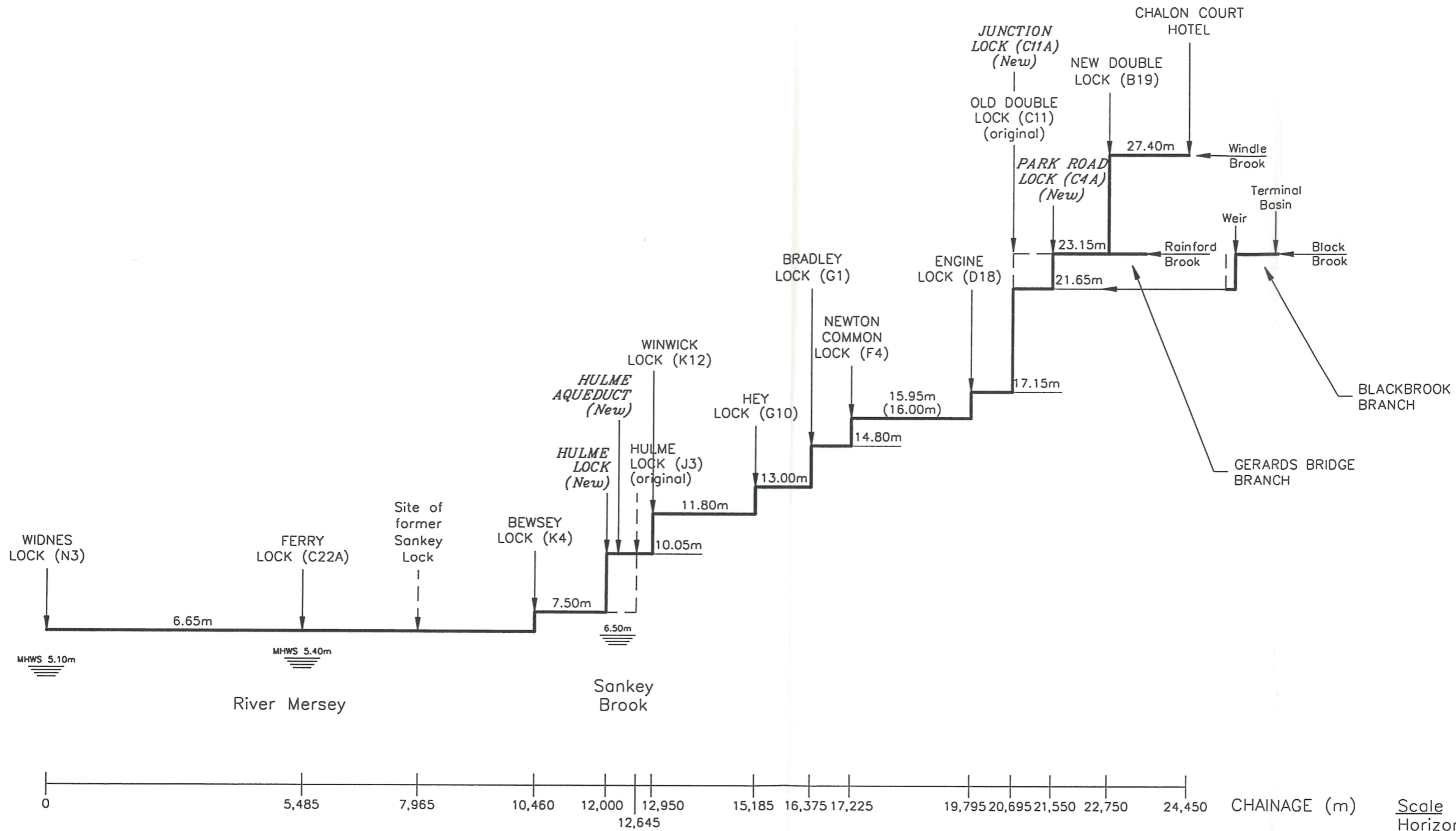
These A0 size plans are included in this volume.



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Project <b>ST. HELENS CANAL RESTORATION</b>				
Title <b>KEY PLANS</b>				
Scale	Drawn	Checked	Authorised	
N.T.S.	DTH	JMH	Date	
	Date 2.96	Date 2.96	Date	
Drawing Number <b>AY2311 / 120 / 850 / 011</b>				Rev
Purpose of issue	Auth	Date	Rev	Description
	By	Date	Chk'd	Auth



AutoCAD File Ref. E: \Y2311\030\012.DWG

Notes

Key  
 \_\_\_\_\_ m PROPOSED POUND LEVEL  
 - - - - - ( m ) - - - - - ORIGINAL POUND LEVEL

Levels are in metres to Ordnance Datum

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Project **ST. HELENS CANAL RESTORATION**

Title **CANAL LONGITUDINAL SECTION**

Purpose of Issue	Auth	Date	Rev	Description	By	Date	Chk'd	Auth

Scale As Shown	Drawn GT	Checked JMH	Authorised
Date Dec 95	Date Dec 95	Date	Date

Drawing Number **AY2311/120/850/012** Rev

**A3**