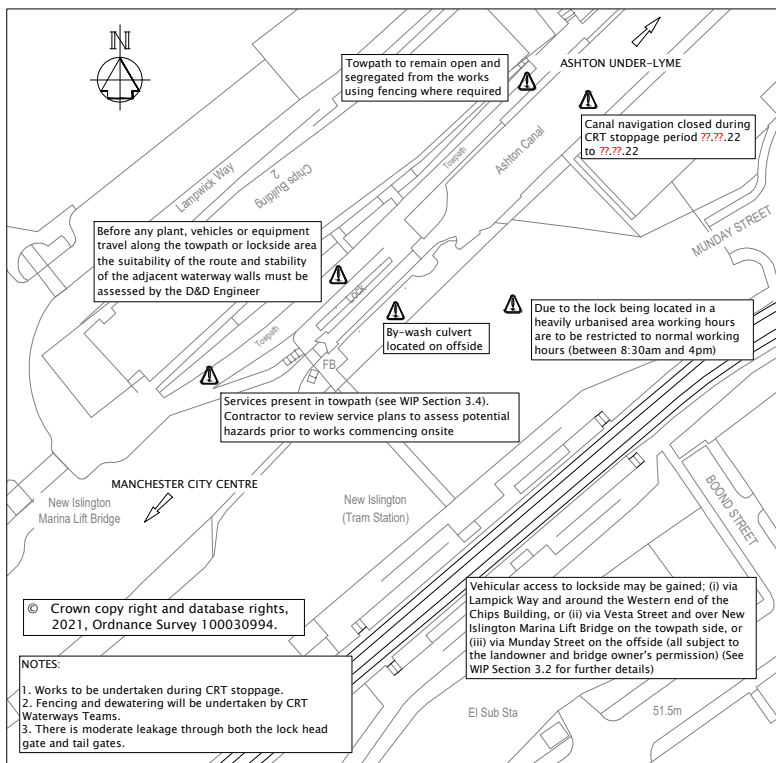




PLAN LAYOUT AT WORKS LOCATION
Scale 1:500

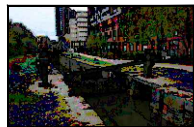


PHOTO 1 - VIEW FROM
HEAD GATE



PHOTO 2 - VIEW FROM
TAIL GATES

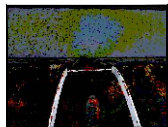


PHOTO 3 - LADDER
RECESS, TOWPATH SIDE



PHOTO 4 - LADDER HOOPS,
TOWPATH SIDE



PHOTO 5 - LADDER
ELEVATION, TOWPATH SIDE

On removal of existing hoops bolt holes in stonework copers to be infilled with mortar

Existing lock ladder and hoops to be removed and replaced. Ladder recess to be widened, deepened and extended below L.W.L. as shown. To minimise damage to historic fabric recess to be widened by cutting right hand side only. Bull nose brick edging detail to be retained both sides.

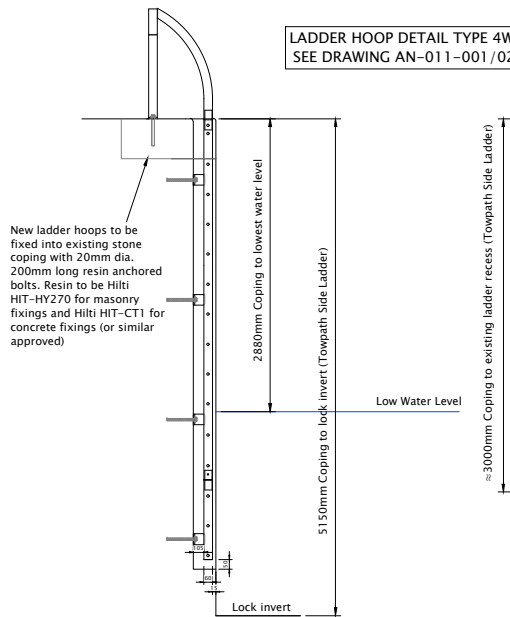
Brick footholds within T/P and O/S lock chamber walls to be retained as a feature.

Individual ladder sections should be no greater in length than 1800mm.

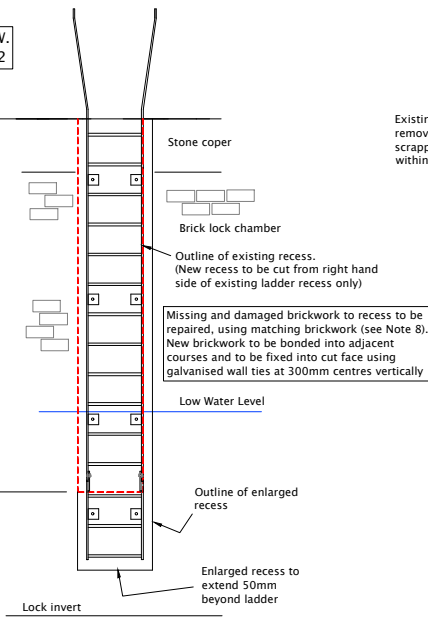
All steelwork to be hot dip galvanised to BS 729. Ladder top hoops to be etch primed and painted gloss white/black to match existing ladder. All steelwork to be Grade SJ275.

NOTES:

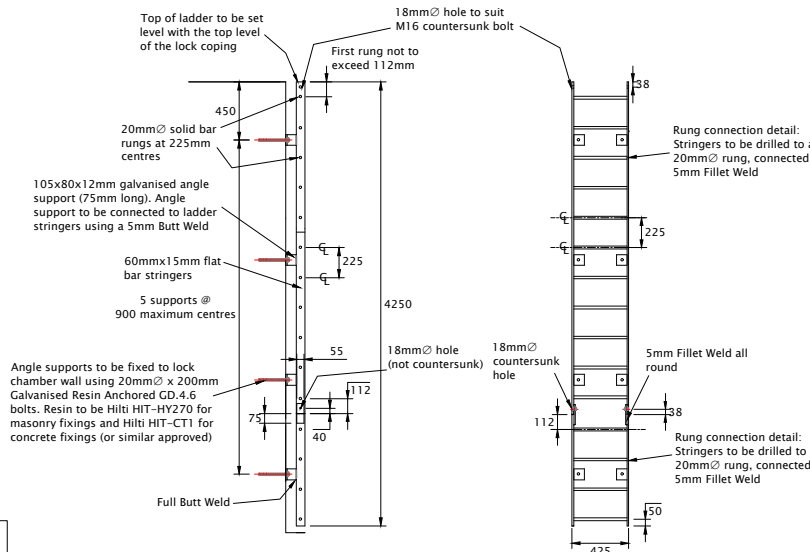
1. Do not scale from this drawing.
2. All dimensions are in millimeters unless stated otherwise.
3. This drawing is to be read in conjunction with all other drawings and the Works Information Package (WIP).
4. All dimensions to be checked onsite prior to fabricating new ladder/ladder extension.
5. The objective of this work is to:
 - Increase the rung tread depth from 50mm to 125mm.
 - Increase the rung tread width to 425mm.
 - Increase the ladder recess width from 460mm to 600mm.
 - Extend the ladder so that bottom rung is at least 900mm below lowest water level or to the invert where the required minimum depth cannot be achieved.



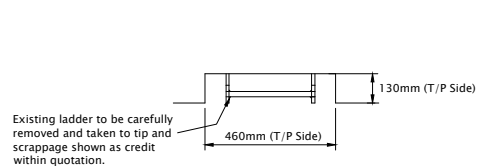
LADDER SECTION
Scale 1:20



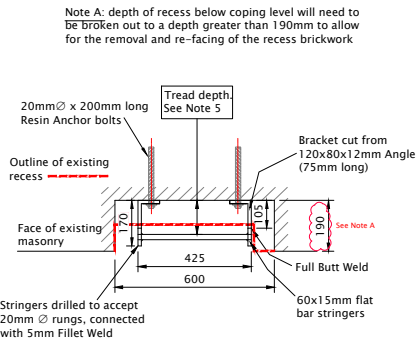
LADDER ELEVATION
Scale 1:20



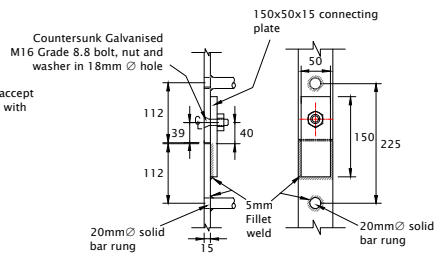
LOCK LADDER SECTION & ELEVATION
Scale 1:20



PLAN ON EXISTING LADDER RECESS
Scale 1:10



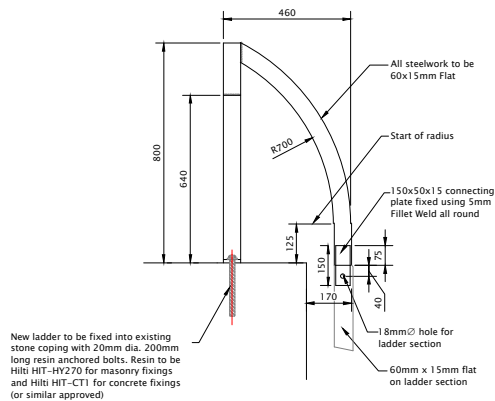
PLAN ON PROPOSED LADDER RECESS
Scale 1:10



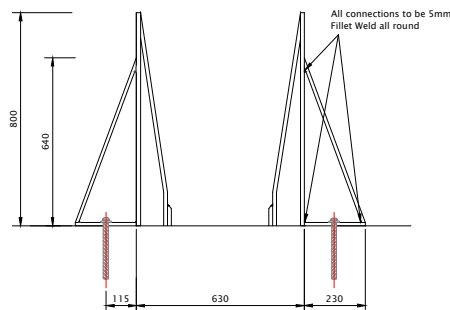
CONNECTION BETWEEN LADDER SECTIONS
Scale 1:5

PROVISIONAL

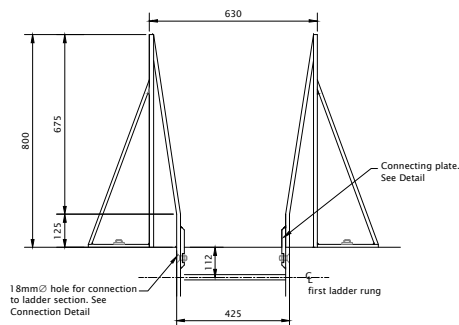
Rev	Amendment	By	Chkd	Date
C	ISSUED FOR PRICING	MJS	HB	MAR 2022
B	DRAFT ISSUE	MJS	HB	FEB 2022
A	PRELIMINARY DESIGN	MJS	DH	JUL 2021
Rev	Amendment	By	Chkd	Date
DRAWN BY	MJS	DESIGNED BY	D&D Team	
CHECKED BY	HB	APPROVED BY	HB	
DATE	15/03/2022	SCALE	AS SHOWN AT A1	
DRG. No.	B22/AN-011-001/01	REVISION	C	



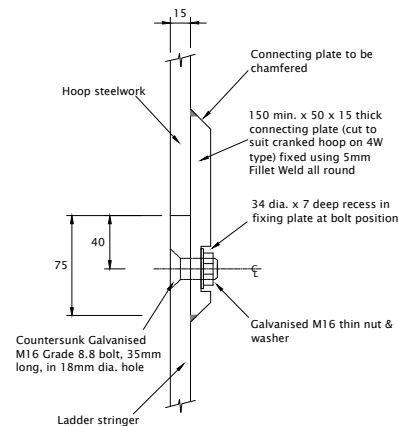
Type 4W Ladder Top Detail
Side Elevation
Scale 1:10



Rear Elevation
Scale 1:10



Front Elevation
Scale 1:10



CONNECTION BETWEEN LADDER AND HOOP
Scale 1:5

All steelwork to be hot dip galvanised to BS 729.
Ladder top hoops to be etch primed and painted gloss white/black to match existing ladder.
All steelwork to be Grade SJ275.

NOTES:-

1. Do not scale from this drawing.
2. All dimensions are in millimeters unless stated otherwise.
3. This drawing is to be read in conjunction with all other drawings and the Works Information Package (WIP).
4. All dimensions to be checked onsite prior to fabricating new ladder/ladder extension.
5. Prior to the works commencing onsite Listed Building Consent, or clearance will be required from Manchester City Council's Conservation Team.
6. All works subject to the prior approval of the Trust's Local Heritage Advisor.

Rev	Amendment	By	Chkd	Date
C	ISSUED FOR PRICING	MJS	HB	MAR 2022
B	DRAFT ISSUE	MJS	HB	FEB 2022
A	PRELIMINARY DESIGN	MJS	DH	JUL 2021



TITLE
LOCK LADDER IMPROVEMENT SCHEME
ASHTON CANAL
ASHTON LOCK 3
HOOP DETAILS

DRAWN BY	MJS	DESIGNED BY	D&D Team
CHECKED BY	HB	APPROVED BY	HB
DATE	15/03/2022	SCALE	AS SHOWN AT A1
DRG. No.	B22/AN-011-001/02	REVISION	C