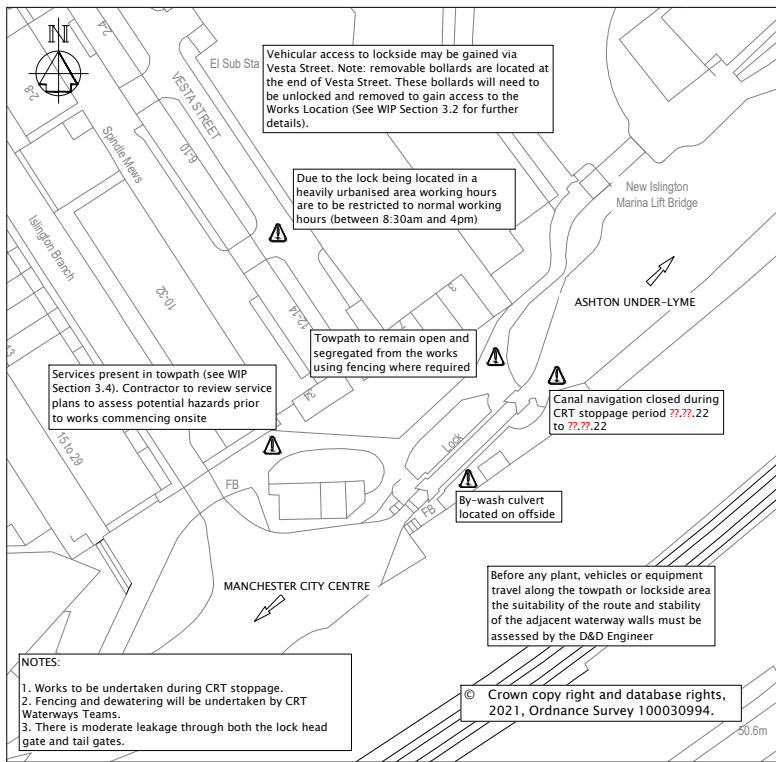




PLAN LAYOUT AT WORKS LOCATION
Scale 1:500



PHOTO 1 - VIEW FROM HEAD GATES

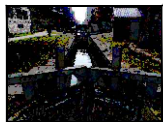


PHOTO 2 - VIEW FROM TAIL GATES



PHOTO 3 - LADDER HOOPS, TOWPATH SIDE



PHOTO 4 - LADDER HOOPS, OFFSIDE



PHOTO 5 - LADDER RECESS, TOWPATH SIDE

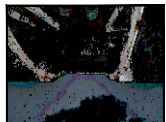


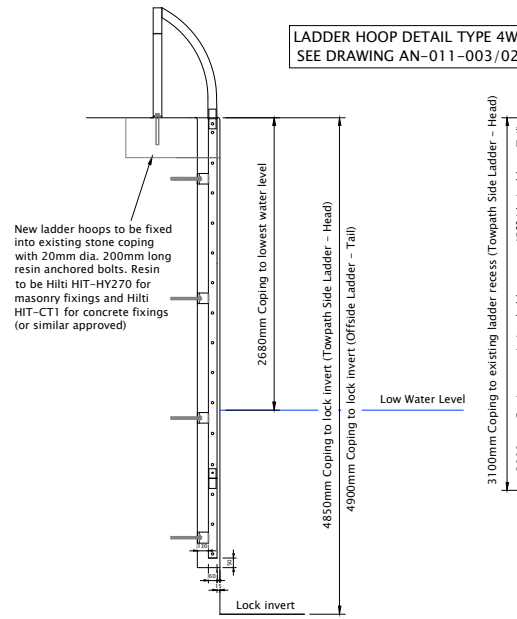
PHOTO 6 - LADDER RECESS, OFFSIDE



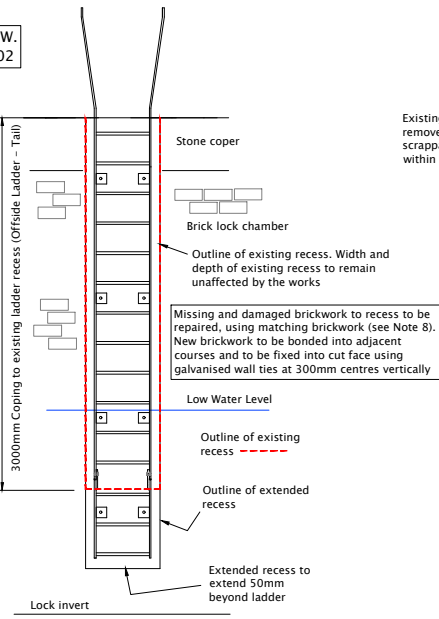
PHOTO 7 - LADDER ELEVATION, T/P SIDE



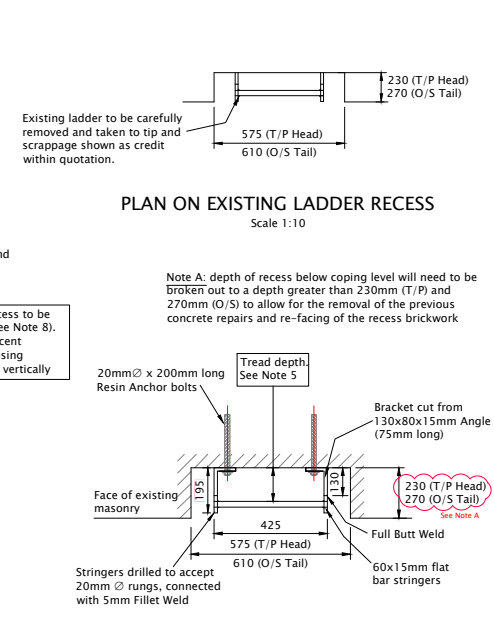
PHOTO 8 - LADDER ELEVATION, OFFSIDE



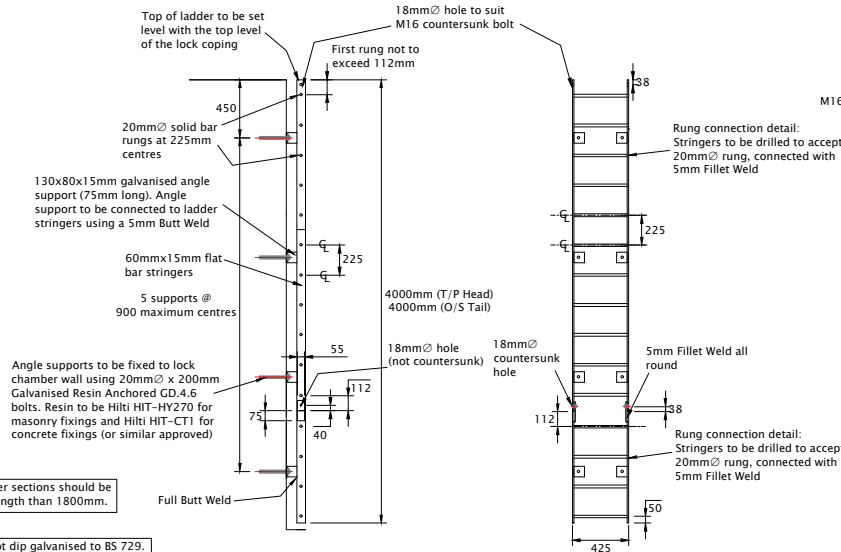
LADDER SECTION
Scale 1:20



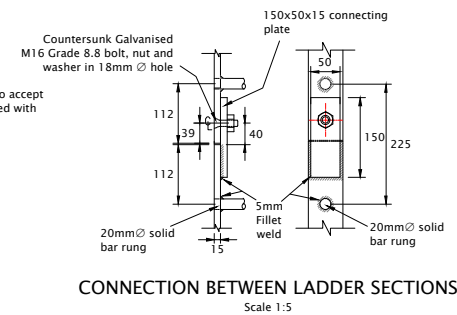
LADDER ELEVATION
Scale 1:20



PLAN ON PROPOSED LADDER RECESSES
Scale 1:10



LOCK LADDER SECTION & ELEVATION
Scale 1:20

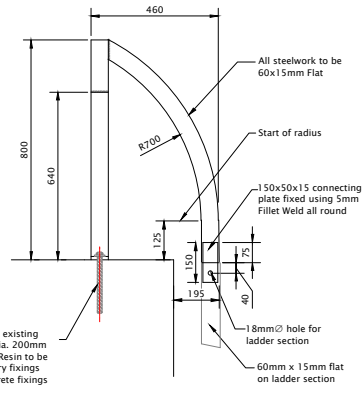


CONNECTION BETWEEN LADDER SECTIONS
Scale 1:5

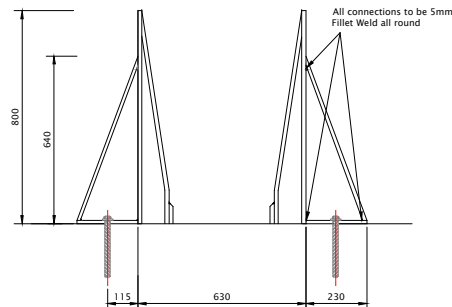
PROVISIONAL			
C	ISSUED FOR PRICING	MJS	HB MAR 2022
B	DRAFT ISSUE	MJS	HB FEB 2022
A	PRELIMINARY DESIGN	MJS	DH JUL 2021
Rev	Amendment	By	Chkd Date
DRAWN BY	MJS	DESIGNED BY	D&D Team
CHECKED BY	HB	APPROVED BY	HB
DATE	15/03/2022	SCALE	AS SHOWN AT A1
DRG. No.	B22/AN-011-003/01	REVISION	C

- Do not scale from this drawing.
- All dimensions are in millimeters unless stated otherwise.
- This drawing is to be read in conjunction with all other drawings and the Works Information Package (WIP).
- All dimensions to be checked onsite prior to fabricating new ladder/ladder extension.
- The objective of this work is to:
 - Increase rung tread depth to a constant 150mm (T/P and O/S).
 - Ladder recess width to remain at 575mm (T/P) and 610mm (O/S) (existing).
 - 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 recess depth to remain at 230mm (T/P) and 270mm (O/S) (existing).

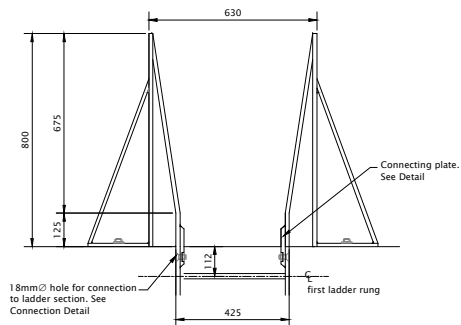
- After fixing the ladder in to place all rungs must be checked so that they achieve the required tread depth. Should any small adjustments be required the ladder fixings may require insertion of washer packers. Tread depth is measured to the back of the rung.
- Ladder Recess: recess brickwork to be broken out by hand and new bricks toothed-in. Open joints or perished joints are to be raked out and repointed with lime mortar (see WIP for mortar mix details). Allow for 50% of area to be repointed.
- Any damaged or perished masonry within the ladder recess is to be replaced on a like-for-like basis, subject to the prior approval of the CRT Heritage Advisor. Where replacement bricks or coping stones are needed, these should be matched in terms of size, colour, texture and type, and should follow the same alignment, bond, joint widths and finish of the surrounding brickwork/stonework.



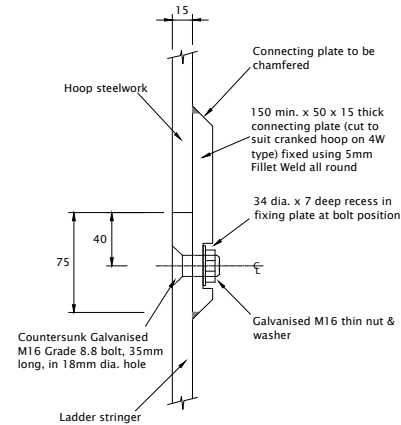
Type 4W Ladder Top Detail
Side Elevation
Scale 1:10



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 2
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-011-003/02	REVISION C