



Southeast Morris County Municipal Utilities Authority

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ALUMINUM LADDER

GENERAL

The Southeast Morris County Municipal Utilities Authority (referred to herein as the "Authority") is subject to the standard terms and conditions set forth by the Authority's Rules and Regulations, pursuant to N.J.S.A. 40:14B.

As a public water supply, the Authority is required to protect and provide safe drinking water to consumers in accordance with the N.J.A.C. 7:10 Safe Drinking Water Act Rules.

The Authority is committed to providing an efficient process for developers to achieve their project goals in accordance with the Authority's Rules and Regulations.

Developers interested in conducting business with the Authority shall comply with the standard terms and conditions mandated by the Authority's Rules and Regulations.

Developer shall mean applicant responsible for application, fees and contract agreement with the Authority.

REFERENCE

ANSI/AWWA	American National Standards Institute/American Water Works Standards
C104/A21.4-13	Cement-Mortar Lining for Ductile-Iron Pipe and Fittings
C110/A21.10-12	Ductile-Iron and Gray-Iron Fittings
C111/A21.11-12	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings
C151/A21.51-09	Ductile-Iron Pipe, Centrifugally Cast
C502-05	Dry-Barrel Fire Hydrants
C509-09	Resilient-Seated Gate Valves for Water Supply Service
C511-07	Reduced-Pressure Principle Backflow Prevention Assembly
C651-05	Disinfecting Water Mains
C700-09	Cold-Water Meters – Displacement Type, Bronze Main Case
C702-10	Cold-Water Meters – Compound Type
C703-11	Cold-Water Meters – Fire-Service Type
ASTM	American Society for Testing and Materials
ASTM B88	Standard Specification for Seamless Copper Water Tube
N.J.S.A. 40:14B	New Jersey Statutes – Title 40 Municipal and County Utilities Authorities Law
N.J.A.C. 7:10	New Jersey Administrative Code – Title 7 Safe Drinking Water Act Rules
NSF	National Sanitation Foundation International Standard
NSF/ANSI 61	Drinking Water System Components – Health Effects
Rules and Regulations	The Southeast Morris County Municipal Utilities Authority's Rules and Regulations

REQUIREMENTS

1. Developers shall verify that all submittals conform to local, county and state ordinances.
2. Road opening permits on local and county roads shall be obtained by the developer. State road opening permits shall be obtained by the Authority at the developer's expense.
3. All excavation and backfill shall be the responsibility of the developer.
4. Only authorized personnel of the Authority will be permitted to make connections to the water mains of the Authority, access and operate curb stops, hydrants and valves as mandated by the Rules and Regulations.
5. All proposed materials shall be submitted for approval. Failure to submit information shall cause the Authority to reject work and deny water service.
6. All materials submitted for approval shall be of first-class high-grade quality, clean and sound and conform to the latest revisions of ANSI/AWWA Standards. No inferior or low-grade materials will be approved or accepted.
7. All materials shall be approved for NSF/ANSI 61 for potable drinking water.
8. All materials shall be manufactured in the United States of America.
9. As-built drawings shall be prepared and submitted to the Authority on a CD in PDF and CAD format, indicating the location of all facilities installed before water is turned on.

SPECIFICATIONS FOR ALUMINUM LADDER:

1. Fixed vertical ladder shall be in compliance with BS 4211:2005 + A1 2008
2. Ladder shall be manufactured from aluminum
3. Example provided in **Appendix I**.

APPENDIX I

Vertical Ladder



FIXED VERTICAL LADDER - No Safety Cage TO BS 4211:2005 + A1 2008

SPECIFICATIONS - Aluminium

Ladder: Alloy Class 1 Stiles : 73 x 25mm
Class 1 heavy duty rung
Stand off brackets from 50 x 10mm alloy bar
Fixings in stainless steel

Ladder width: 488mm

Finish: All alloy mill finish

Options: Ladder up safety post

ALUMINIUM VERTICAL LADDER

Type	Size	Approx Weights (kg)
BL-A-1	2.0 - 2.8m	12-14
BL-A-2	Above 2.8 - 3.6m	14-18
BL-A-3	Above 3.6 - 4.4m	18-22
BL-A-4	Above 4.4 - 5.2m	22-26
BL-A-5	Above 5.2 - 6.0m	26-30
BL-A-SS	Special sizes available on request	

SPECIFICATIONS - Mild Steel

Ladder: Mild Steel
Stand off brackets from 50mm x 10mm flat bar

Stiles: 50mm x 10mm flat bar

Rung: 20mm round bar

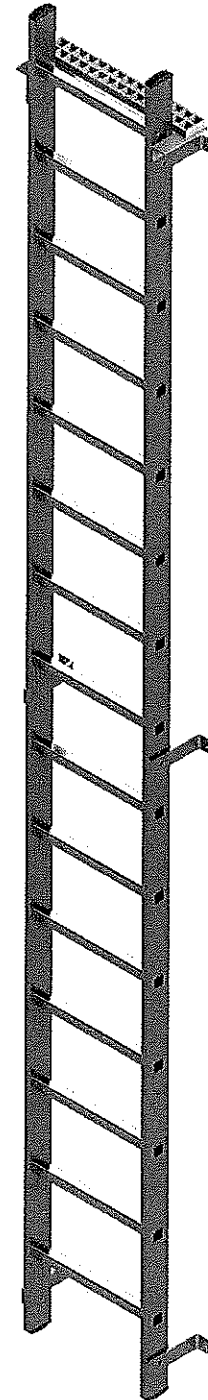
Ladder width: 488mm

Finish: Galvanised

Options: Ladder up safety post

MILD STEEL VERTICAL LADDER

Type	Size	Approx Weights (kg)
BL-S-1	2.0 - 2.8m	36-41
BL-S-2	Above 2.8 - 3.6m	41-53
BL-S-3	Above 3.6 - 4.4m	59-65
BL-S-4	Above 4.4 - 5.2m	65-76
BL-S-5	Above 5.2 - 6.0m	76-88
BL-S-SS	Special sizes available on request	



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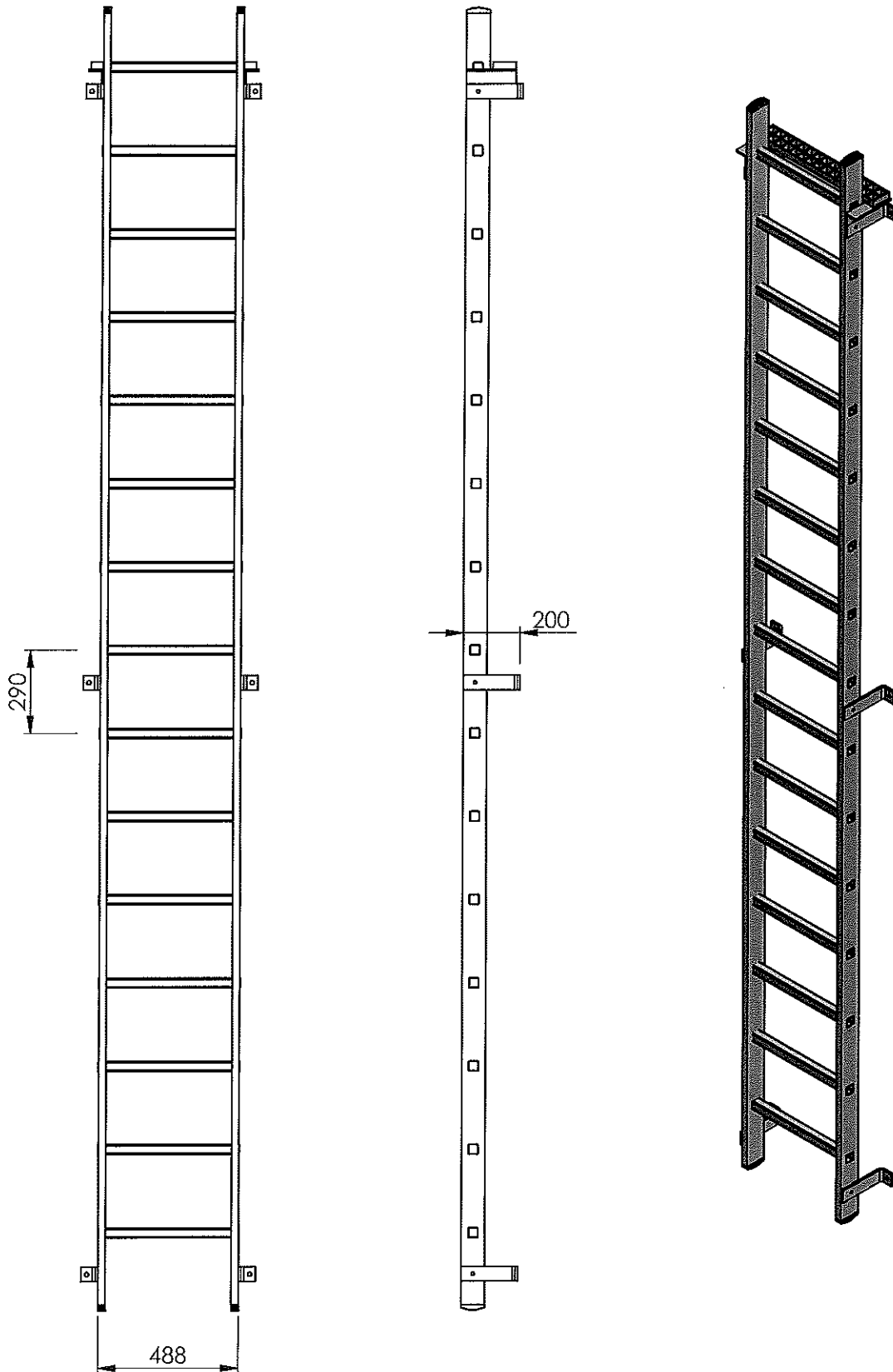


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BILCO BL-A: ALUMINIUM VERTICAL LADDER



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Ref.	Qty.	Description		Reference
Designed by A.J.BRACE	Date 29/06/2012	Scale 1:50	Customer STANDARD ISSUE	ALUMINIUM LADDER
Checked by	Date		Title	
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				Sheet 1/1