

Caged Ladder Climb Band & Rest Platform Segmentation Worksheet

For buyer mark-up and submission before quotation and engineering review (not a concept guide).

PAGE 1

A4 worksheet

Route Mark-Up Page

Page One purpose: identify the route, mark the elevation diagram, and leave enough space for clear hand annotation.

ROUTE WORKSHEET

Applicable Scope & Datum

Applicable scope: Fixed vertical ladder routes with safety cage coverage and any intermediate rest platforms or transfer landings (rooftop, mezzanine, process structure, tank-side).

Units (check one) Metric (mm / m) Imperial (in / ft) Datum value (example 0.00): _____

Elevation datum (define once) Finished grade Slab / floor level Platform / grating top Other

BUYER INPUTS

Project / Site Identification

Project / Site: _____ Area / Unit: _____

Asset / Tag / Access Point ID: _____ Location: _____

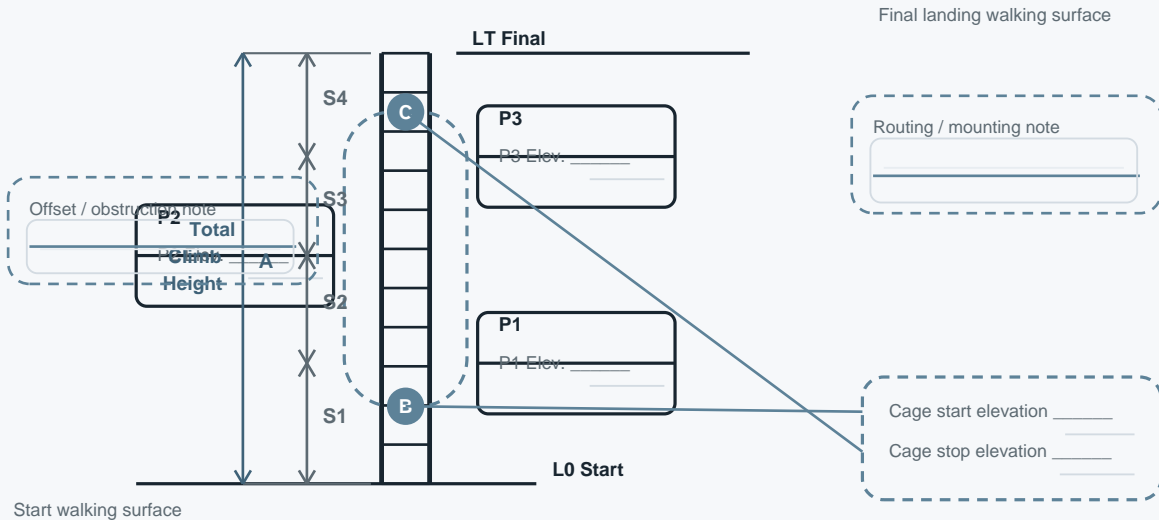
Prepared by: _____ Company: _____

Related drawing / reference (if any): _____ Date: _____ Rev: _____

PAGE ONE DIAGRAM

Ladder Elevation & Segmentation Diagram (mark up clearly)

Draw simple rectangles for landings or platforms. Write elevations beside each level. Use arrows for vertical rise. Circle the cage start and cage stop levels.



Mark the start walking surface, final landing surface, cage start, cage stop, and any platform elevation.

If the route changes line, add a small note near that elevation and continue detail on Page Three.

FOOTER QUICK NOTES

Buyer Notes / Constraints (handwrite)

Buyer Notes / Constraints

Use Page Three for level tables and Page Four for review basis, attachments, and submission notes.

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Core Input Fields (A-G)

Page Two purpose: complete climb band, landing condition, exposure, support, usage, and review-basis fields without crowding.

CORE FIELD PAGE

How to use this page

Fill fields A-G in sequence. Keep diagram mark-up on Page One and use Page Three tables only when the route is segmented.

Use short notes in the fields below and reserve long explanations for the Buyer Notes area.

FIELDS A-E

Climb Band & Cage Limits

A. Total Climb Height (overall vertical rise)

From Elevation _____ to Elevation _____ Delta _____

B. Cage Start Level (elevation)

Relative note _____

C. Cage Stop Level (elevation)

Relative note _____

Route Type

Continuous rise (no intermediate landings)

Segmented rise (intermediate levels / platforms)

If segmented, complete Page Three and record each platform elevation.

D. Number of Intermediate Platforms / Landings

E. Platform Elevations (list)

P1 _____ P2 _____ P3 _____ P4 _____

ROUTE CONDITION FIELDS

Landing, Exposure & Support

Final Landing Condition

- Step-through to roof / platform
- Side-step to platform / mezzanine
- Through hatch / opening
- Self-closing gate required at landing
- Guardrail interface at landing

Notes _____

Exposure / Route Environment

- Interior / sheltered Exterior
- Rooftop exposed Process plant Tank-side / vessel-side

Notes _____

Support / Mounting Condition (if known)

- Concrete wall Steel frame / column
- Tank shell Masonry Mixed
- Other _____

Bracket / fixing basis _____

Stand-off / wall offset _____ Obstructions near rungs Yes No

FIELDS F-G

Usage Frequency & Review Basis

F. Usage Frequency (route use)

Emergency / rare Occasional Weekly

Daily Multiple times per day

Typical users per shift _____ Tools carried No Yes Approx. load _____

Inspection-only Maintenance route Operations / repeated access Emergency only

G. Review Standard / Code / Site Policy Basis

Primary basis (standard / code / policy) _____

Version / Year _____ Jurisdiction / market _____

Owner / EPC / site policy reference _____

Reviewer contact _____

WORKING NOTES

Buyer Notes & Recommended Attachments

Buyer Notes / Constraints

Attach if available (recommended for faster review)

- Marked-up site photo(s)
- Elevation sketch or GA drawing (PDF)
- CAD (DWG/DXF)
- Structural support detail (wall / steel / shell)
- Site safety policy excerpt that drives ladder/platform requirements
- Other _____

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PAGE 3

A4 worksheet

Landing / Platform Elevations & Segment Tables

Page Three purpose: record level elevations and climb segments with larger tables and cleaner review space.

PAGE TWO OVERVIEW

Submission Set-up

Use this page when the route is segmented or when elevations require formal review.

Confirm datum used on Page One: _____ Datum value: _____

SUBMISSION TABLE

Table One - Levels, Landings & Platforms (write elevations clearly)

Level ID	Type (circle)	Elevation	Walking surface note	Break in climb?	Notes
L0	Start / Grade / Platform	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
L1	Intermediate / Rest / Transfer	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
L2	Intermediate / Rest / Transfer	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
L3	Intermediate / Rest / Transfer	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
L4	Intermediate / Rest / Transfer	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
LT	Final landing / Roof / Mezzanine	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____

SUBMISSION TABLE

Table Two - Climb Segments (between levels)

Segment	From Level	To Level	Vertical rise (Delta h)	Cage coverage on this segment	Notes
S1	_____	_____	_____	<input type="checkbox"/> None <input type="checkbox"/> Partial <input type="checkbox"/> Full	_____
S2	_____	_____	_____	<input type="checkbox"/> None <input type="checkbox"/> Partial <input type="checkbox"/> Full	_____
S3	_____	_____	_____	<input type="checkbox"/> None <input type="checkbox"/> Partial <input type="checkbox"/> Full	_____
S4	_____	_____	_____	<input type="checkbox"/> None <input type="checkbox"/> Partial <input type="checkbox"/> Full	_____
S5	_____	_____	_____	<input type="checkbox"/> None <input type="checkbox"/> Partial <input type="checkbox"/> Full	_____

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PAGE 4

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Project Basis, Review & Submission

Page Four purpose: capture platform logic, review completion, attachments, and handback details with extra white space.

REVIEW HANDBACK PAGE

Final Review Notes

Use this page for project basis notes, repeat review references if needed, and the final handback package details.

PROJECT BASIS ONLY

Rest Platform Logic / Trigger Notes

Platform trigger basis used (write one): _____

Typical rule / interval used on this site (if known): _____

Why platforms are included

- Long climb / fatigue control
- Frequent access
- Tools carried
- Exposure (wind / heat / splash)
- Operational policy
- Inspection requirement
- Transfer at intermediate structure

Other: _____

REVIEW COMPLETION

Usage, Exposure & Review Basis

Usage & Exposure Summary (for review)

- Inspection-only
- Maintenance route
- Operations / repeated access
- Emergency only
- Interior
- Exterior
- Rooftop
- Coastal
- Wash-down
- Chemical / process

Review Standard / Code / Site Policy Basis

Primary basis _____

Version / Year _____

Owner / EPC / site policy reference _____

Reviewer contact _____

HANDBACK PACKAGE

Attachments & Submission

Attachments (check what you are sending)

- Marked-up site photo(s)
- Elevation drawing / GA drawing (PDF)
- CAD (DWG/DXF)
- Structural support detail
- Site safety policy excerpt

Other: _____

Submission

- Email
- RFQ upload
- Other

Email to: _____

Prepared by: _____

Date: _____

Submission notes
