

BUCKNER

HEAVYLIFT CRANES

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PROJECT:
LR1400 SLN 28m+42m

LOCATION: -----

BUCKNER CONTACT: Dan Ives, PE
Dani@BucknerCompanies.com

LIFT PLAN BY: Dan Ives, PE
Dani@BucknerCompanies.com

DRAWING NOTES:
Title Page

FILE: C:\Users\Dan Ives\OneDrive - Buckner Heavylift
Cranes\Engineering\Drawings\BHL\Buckner\Build
Sheets\LR 1400\LR 1400 - SLN 28m + 42m (92' +

CREATED: 08.29.2024 10:51:55 AM

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PAPER SIZE: ANSI B (17.00 x 11.00 Inches)

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Revisions

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Rev.	Date	Description
000	08.29.2024	Preliminary Planning & Initial Layout
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PROJECT:
LR1400 SLN 28m+42m

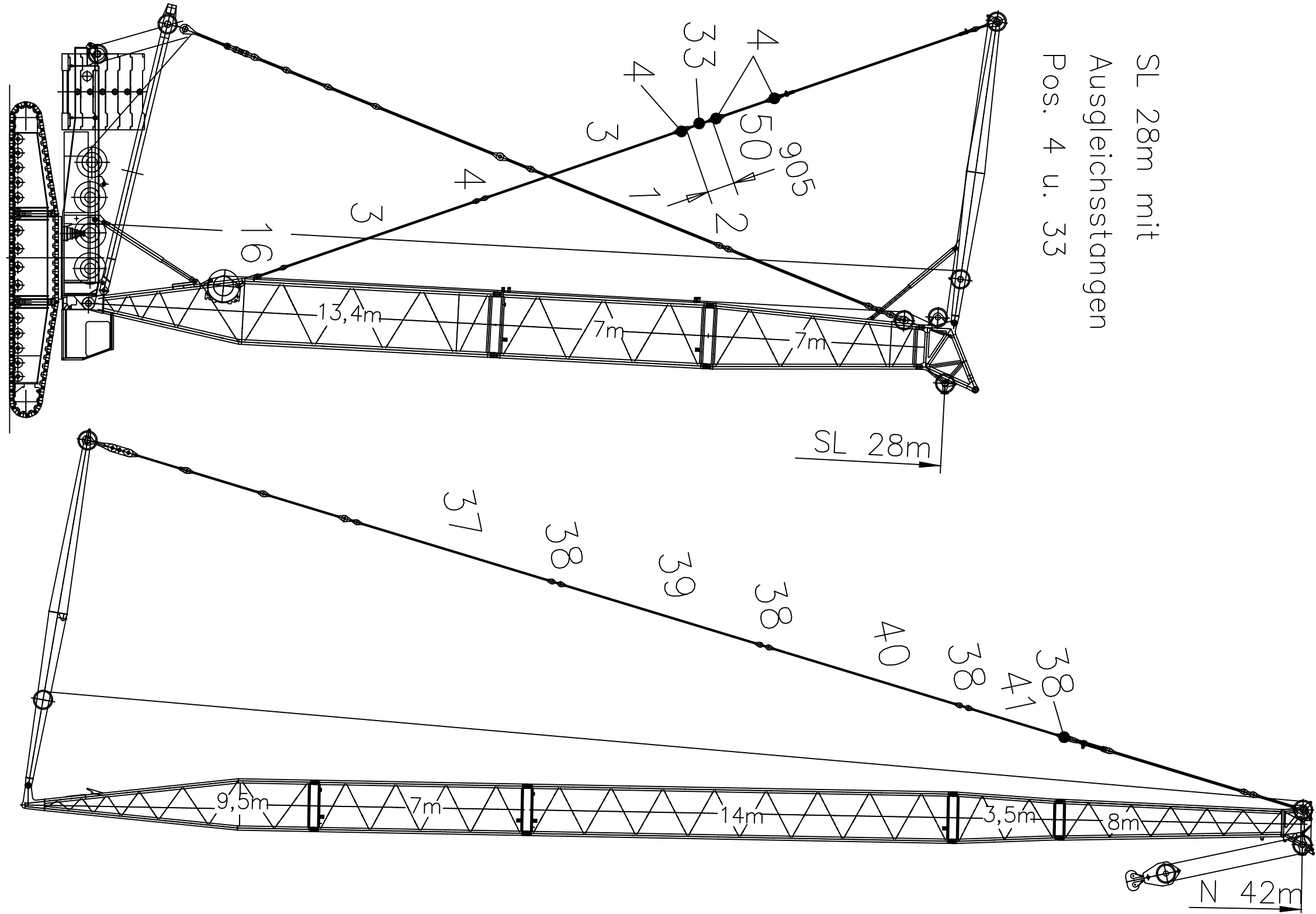
LOCATION: -----
BUCKNER CONTACT: Dan Ives, PE
Dani@BucknerCompanies.com
LIFT PLAN BY: Dan Ives, PE
Dani@BucknerCompanies.com

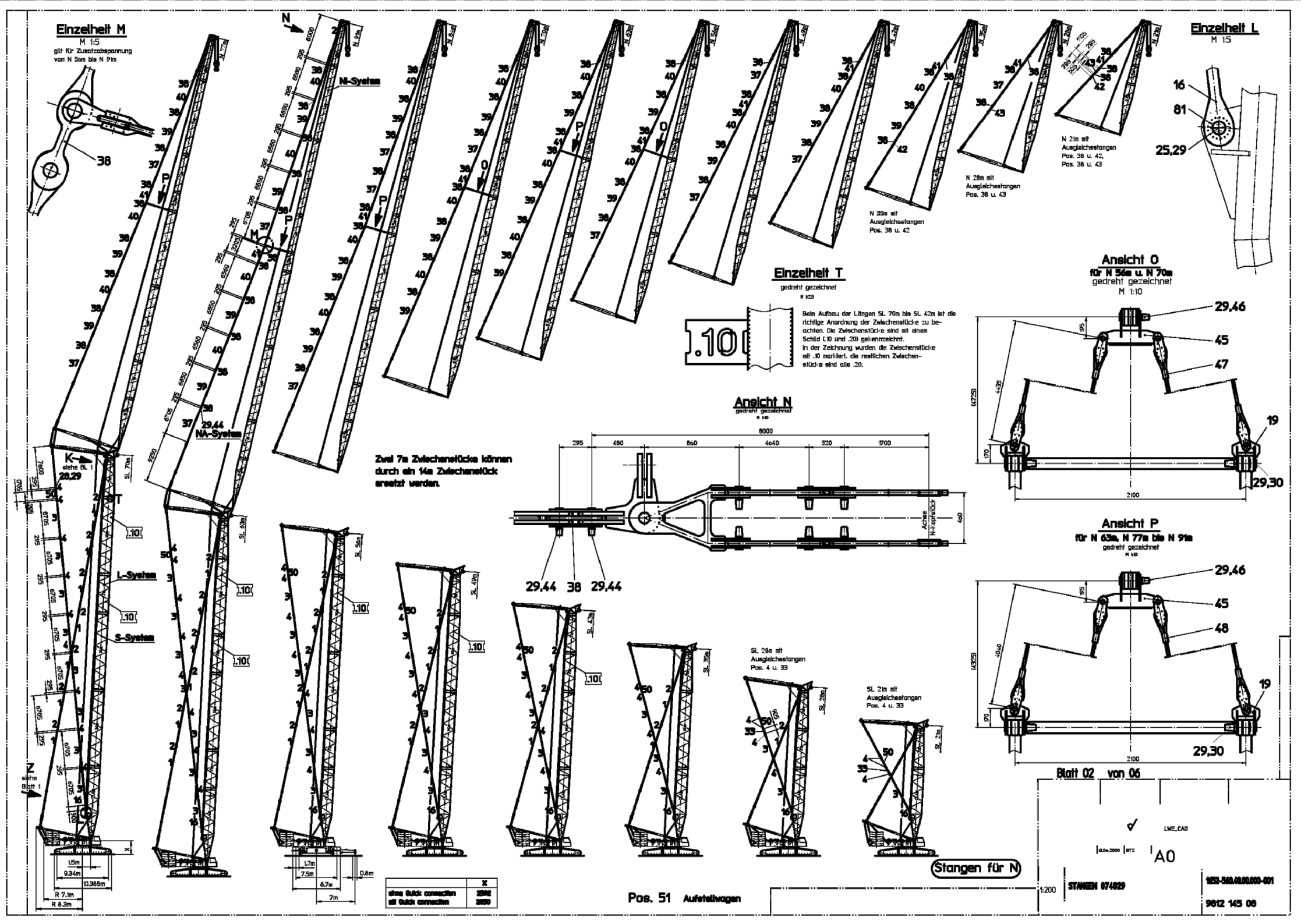
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Build Sheet

FILE: C:\Users\Dan Ives\OneDrive - Buckner Heavylift
Cranes\Engineering\Drawings\BHL\Buckner\Build
Sheets\LR 1400\LR 1400 - SLN 28m + 42m (92' +
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PROJECT:
LR1400 SLN 28m+42m

LOCATION: -----
BUCKNER CONTACT: Dan Ives, PE
DanI@BucknerCompanies.com
LIFT PLAN BY: Dan Ives, PE
DanI@BucknerCompanies.com

DRAWING NOTES:
Rod Plan

FILE: C:\Users\Dan Ives\OneDrive - Buckner Heavylift
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Sheets\LR 1400\LR 1400 - SLN 28m + 42m (92' +
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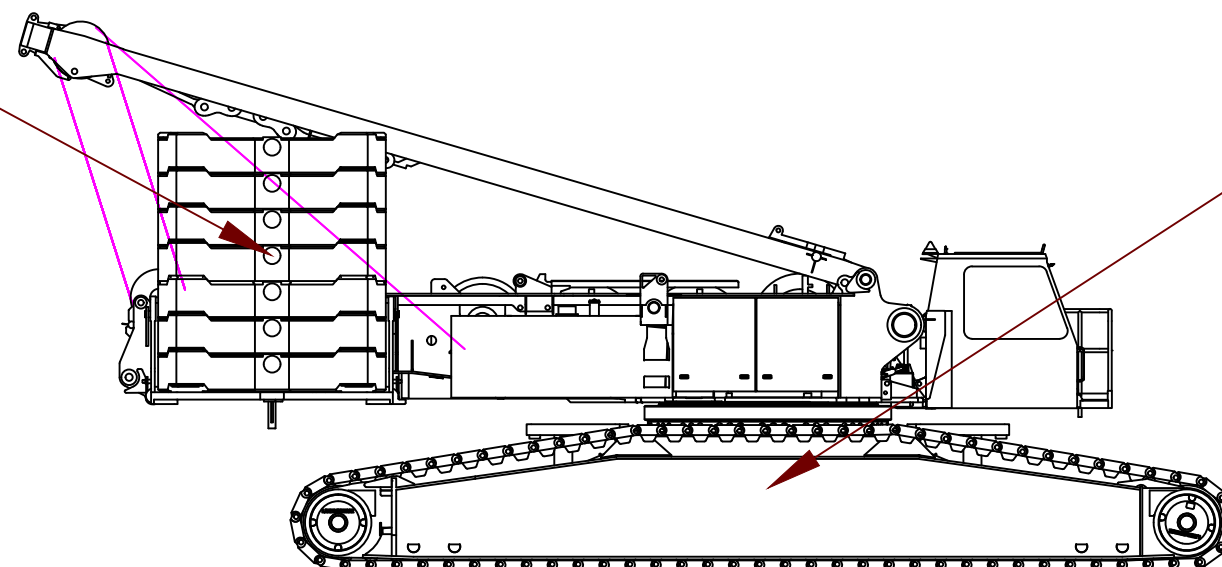
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Superstructure
 135 tonnes
 12 rocks
 10 tons each



Carbody
 43 tonnes

PROJECT:
 LR1400 SLN 28m+42m
 LOCATION: -----
 BUCKNER CONTACT: Dan Ives, PE
 Dani@BucknerCompanies.com
 LIFT PLAN BY: Dan Ives, PE
 Dani@BucknerCompanies.com

DRAWING NOTES:
 Counterweight Arrangement

FILE: C:\Users\Dan Ives\OneDrive - Buckner Heavylift
 Cranes\Engineering\Drawings\BHL\Buckner\Build
 Sheets\LR 1400\LR 1400 - SLN 28m + 42m (92' +
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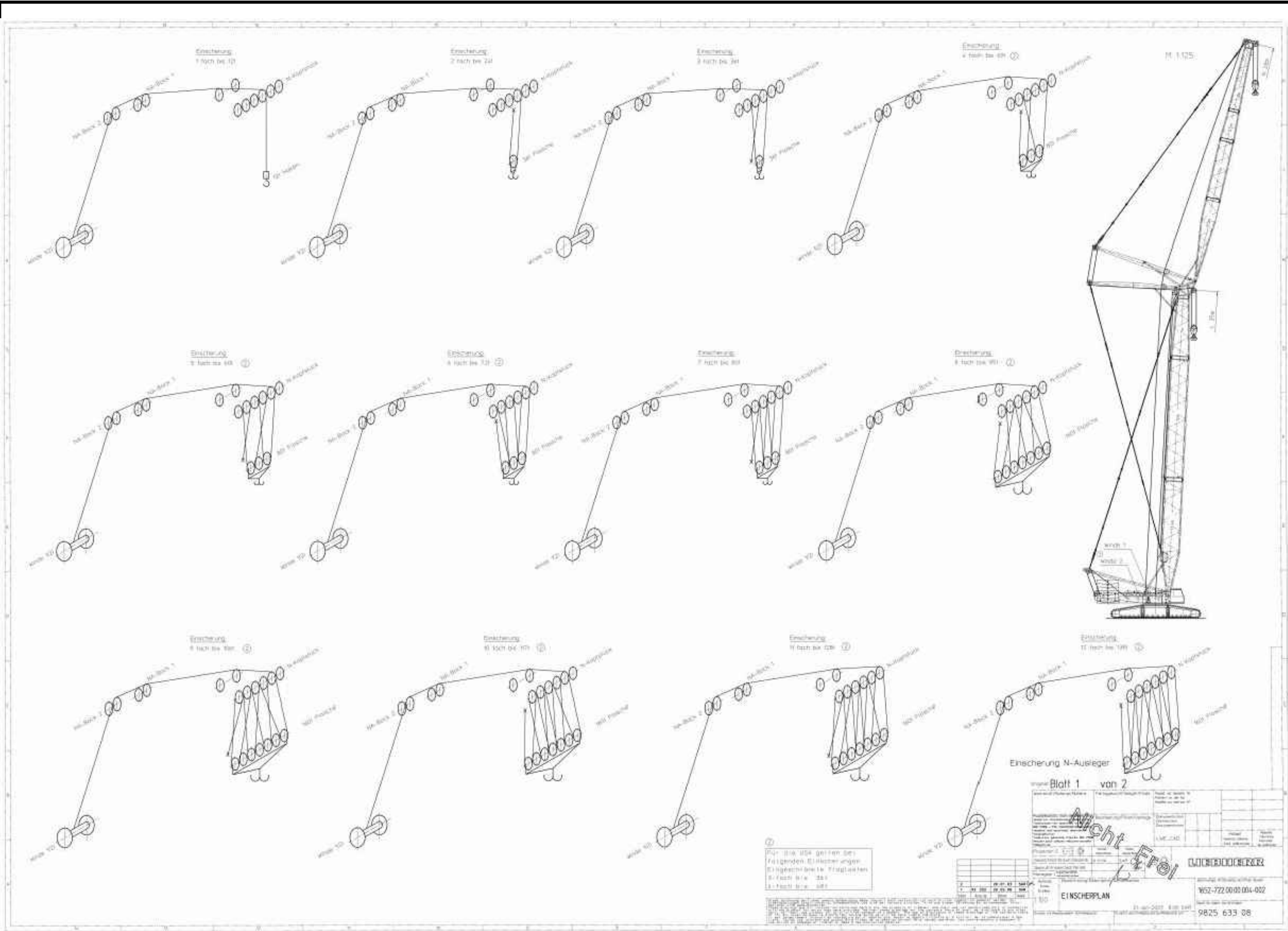
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PROJECT:
LR1400 SLN 28m+42m

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 BUCKNER CONTACT: Dan Ives, PE
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 LIFT PLAN BY: Dan Ives, PE
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DRAWING NOTES:
Reeving Plan

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BUCKNER
 HEAVY LIFT CRANES

RAISING - AND LOWERING CHARTS

SLN - mode

TAB: 12400081
 System: S 2620.20
 N 2115.10
 1812.10

Note: The SL- boom must be set to 87° to the horizontal before luffing up the N- fly jib

Slewing platform- / central ballast	Erection of boom, sideways / over rear		max. permissible hook block weight on main boom
	Additional mechanical support not required [m]	Additional mechanical support required [m]	
[t]			[t]
155 / 43	SL 21 / N 21 - 91		3,8
	SL 28 / N 21 - 91		3,8
	SL 35 / N 21 - 91		3,8
	SL 42 / N 21 - 91		3,8
	SL 49 / N 21 - 91		3,8
	SL 56 / N 21 - 91		3,8
	SL 63 / N 21 - 63		2,6
135 / 43		SL 63 / N 21 - 84	3,8
		SL 63 / N 91	2,6
		SL 70 / N 28 - 77	3,8
	SL 21 / N 21 - 91		3,8
	SL 28 / N 21 - 91		3,8
	SL 35 / N 21 - 91		3,8
	SL 42 / N 21 - 91		3,8
SL 49 / N 21 - 91		3,8	
SL 56 / N 21 - 91		3,8	
	SL 63 / N 21 - 84		3,8
	SL 63 / N 91		2,6
	SL 70 / N 28 - 77		2,6

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