

# BUCKNER

## HEAVYLIFT CRANES

Contents	
Sheet	Description
001	Title Page
002	Build Sheet
003	Rod Plan Table – Main Boom
004	Rod Plan 1 – F Jib Without Load Cells
005	Rod Plan 2 – F Jib Without Load Cells
006	Rod Plan Table – F Jib Winout Load Cells
007	Rod Plan 3 – F Jib With Load Cells
008	Rod Plan 4 – F Jib With Load Cells
009	Rod Plan Table – F Jib With Load Cells
010	Counterweight Arrangement
011	Reeving Plan
012	Erection and Takedown
013	Load Chart
014	Balanced Boom

PROJECT:  
LR1600 SL3F 96m+12m

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

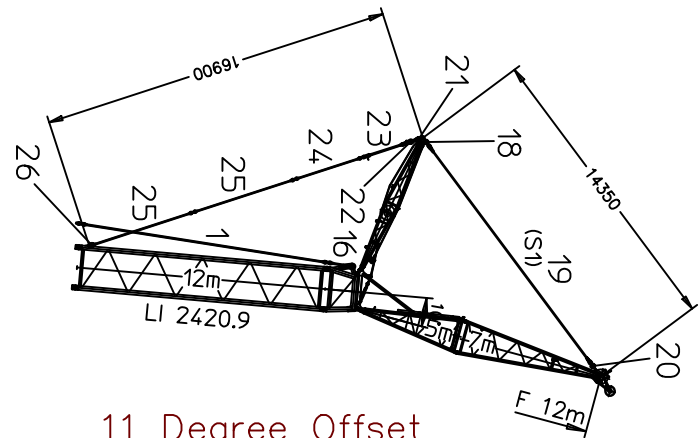
DRAWING NOTES:  
Title Page

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 – SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:37:51 AM

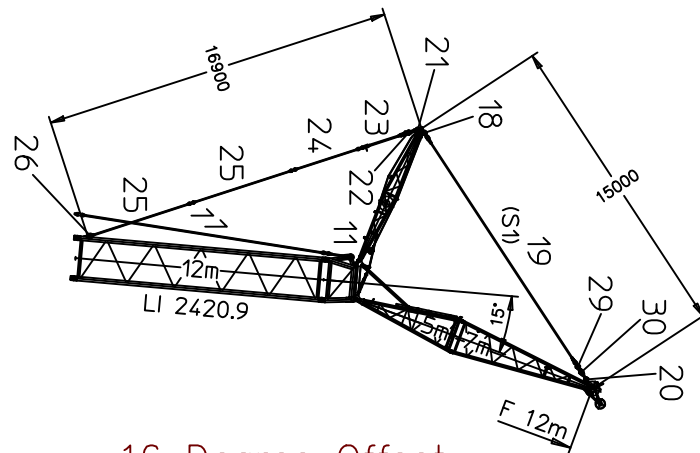
Revisions		
All Sheets Same Revision Level		
Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

SHEET: 001 OF 014

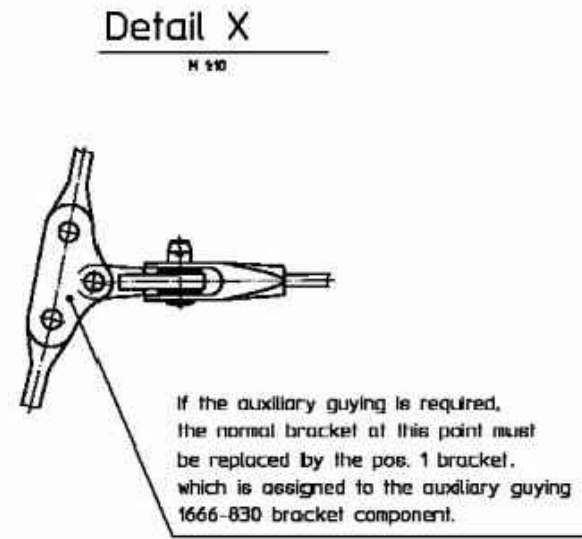




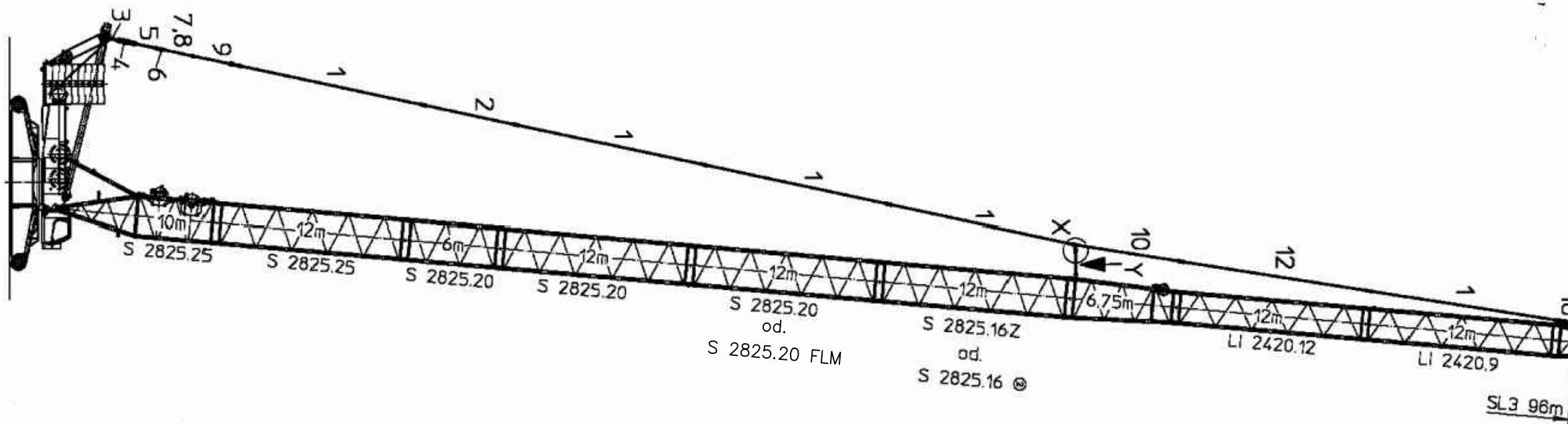
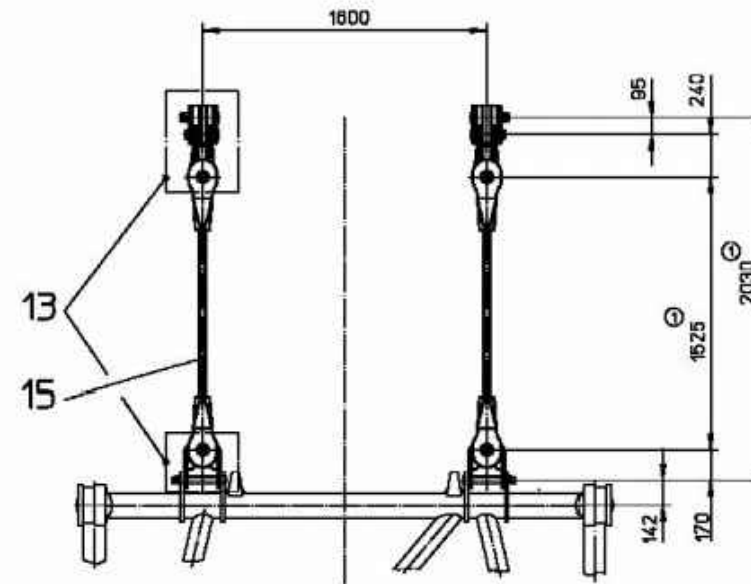
11 Degree Offset



16 Degree Offset



View Y  
H 120  
For auxiliary guying  
SL3 96m, SL3 99m, SL3 102m,  
SL3 105m and SL3 108m



PROJECT:  
LR1600 SL3F 96m+12m  
LOCATION: ----  
BUCKNER CONTACT: Dan Ives, PE  
Dani@BucknerCompanies.com  
LIFT PLAN BY: Dan Ives, PE  
Dani@BucknerCompanies.com

DRAWING NOTES:  
Build Sheet

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering - Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 - SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:37:52 AM

Revisions		
All Sheets Same Revision Level		
Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

Pos.	Item	Description		Page
1	964522208	ROD CPL.	12 M	
2	964344008	ROD CPL.	6 M	
3	964545608	ROD CPL.	1 M	
4	10354696	TENSION DYNAMOMETER	0-2400KN	
5	964568008	ROD CPL.	2.05M	
6	964700008	BRACKET WITH BOARD	0.25M	
7	964699808	ROD WITH BOARD	1.85M	
8	964699908	ROD WITH BOARD	1.85M	
9	964698608	ROD CPL.	2.975M	
10	964867908	ROD CPL.	6.75M	
12	965049808	ROD CPL.	12 M	
13	915553508	SUPPLEMENTARY GUYING DEVICE	LASCHEN	16
14	915553708	SUPPLEMENTARY GUYING DEVICE	3M	20
15	915553608	SUPPLEMENTARY GUYING DEVICE	2M	18
16	966188608	ROD		
17	964798408	ROD CPL.	3 M	
1000	986199008	RODS/ PULL RODS LR 1600-2	F. SL3	

PROJECT:  
LR1600 SL3F 96m+12m

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

DRAWING NOTES:  
Rod Plan Table – Main Boom

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 – SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:37:52 AM

### Revisions

All Sheets Same Revision Level

Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

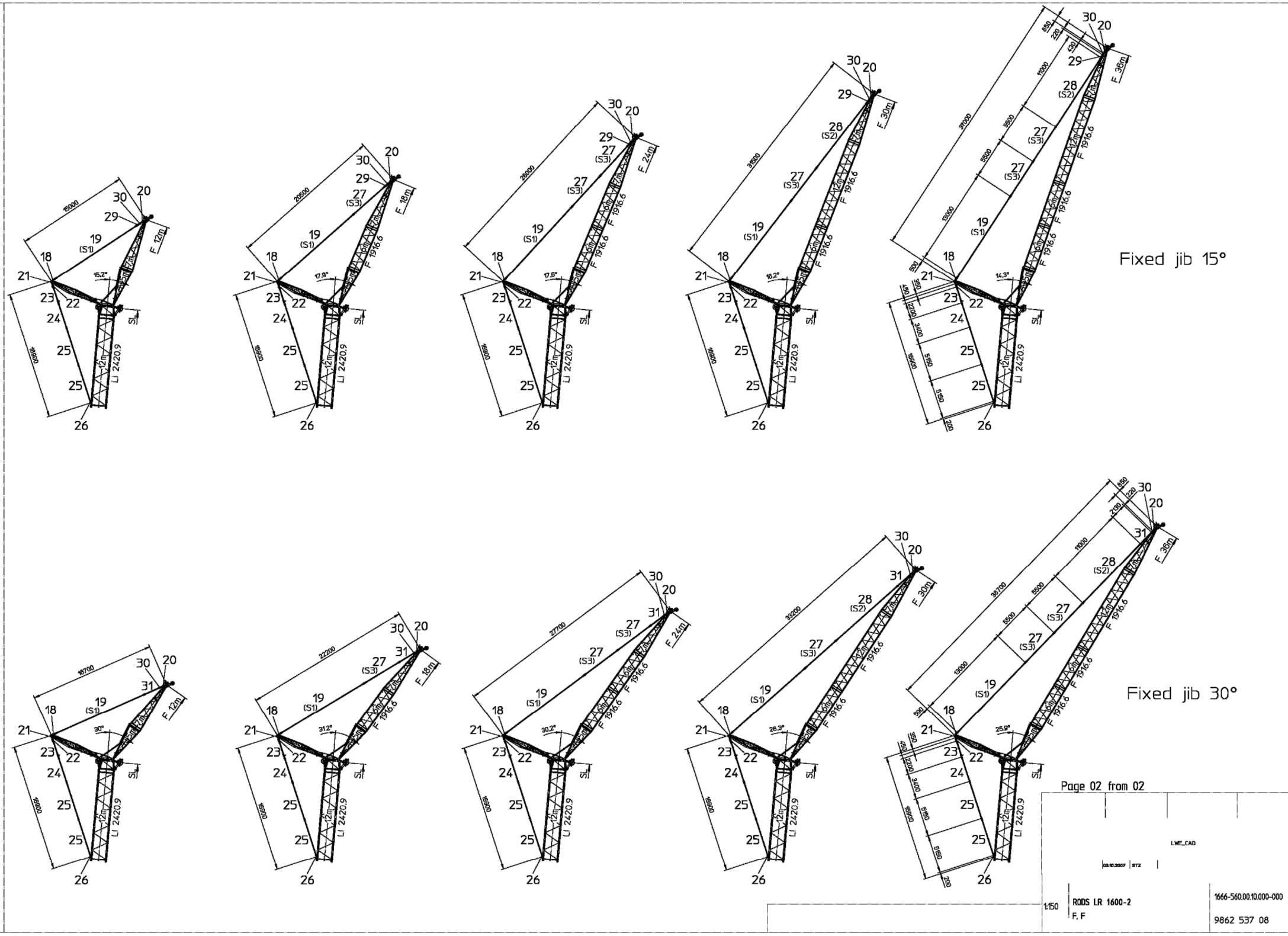
SHEET: 003 OF 014



25.1.2018	074571 (LR 1600/2) RODS/ PULL RODS LR 1600-2 F. SL3	965085408 Page: 11
-----------	--	-----------------------







Fixed jib 15°

Fixed jib 30°

Page 02 from 02  
LME\_CAD  
RODS LR 1600-2 F.F  
1:50  
1666-560.00.10.000-000  
9862 537 08

PROJECT:  
LR1600 SL3F 96m+12m

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

DRAWING NOTES:  
Rod Plan 2 – F Jib Without Load Cells

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 – SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:37:55 AM

Revisions		
All Sheets Same Revision Level		
Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

Pos.	Item	Description	Page
18	964802408	BRACKET COMPL.	
19	976999908	TENSIONING ROPE	40X13M
20	964718708	BRACKET COMPL.	0
21	964802708	BRACKET COMPL.	
22	964724008	ROCKER WELDED	
23	964724108	ROCKER WELDED	
24	964528808	ROD CPL.	3.2M
25	964825908	ROD CPL.	5.15M
26	964826108	BRACKET COMPL.	
27	977000208	TENSIONING ROPE	5.5M
28	977000108	TENSIONING ROPE	11M
29	964831008	ROD WITH BOARD	0.43M
30	964829208	BRACKET COMPL.	
31	964835408	ROD WITH BOARD	2.13M
1000	986253708	RODS/ PULL RODS LR 1600-2	F. F

PROJECT:  
LR1600 SL3F 96m+12m

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

DRAWING NOTES:  
Rod Plan Table – F Jib  
Winout Load Cells

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 – SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:37:56 AM

### Revisions

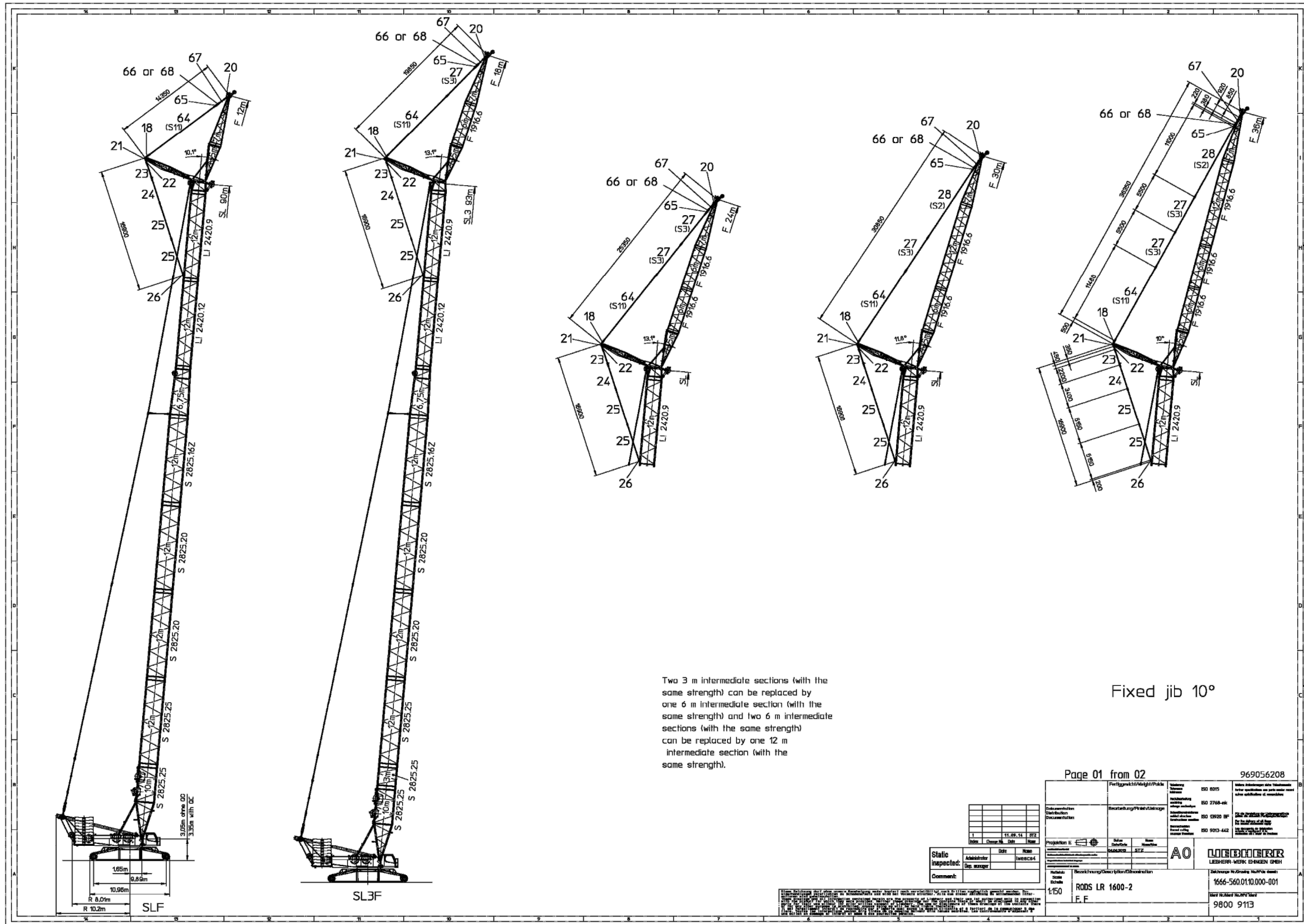
All Sheets Same Revision Level

Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

SHEET: 006 OF 014



25.1.2018	<b>LIEBHERR</b> 074571 (LR 1600/2) RODS/ PULL RODS LR 1600-2 F. F	965097708 Page: 14
-----------	--	-----------------------



Page 01 from 02 969056208

Normung	ISO 9015	Technische Zeichnungen	ISO 2768-01
Zeichnung	ISO 10110	Technische Zeichnungen	ISO 10110
Technische Zeichnungen	ISO 10110	Technische Zeichnungen	ISO 10110
Technische Zeichnungen	ISO 10110	Technische Zeichnungen	ISO 10110

Static Inspected: [ ]

RODS LR 1600-2 F.F

1:50

1666-560.0110.000-001

9800 9113

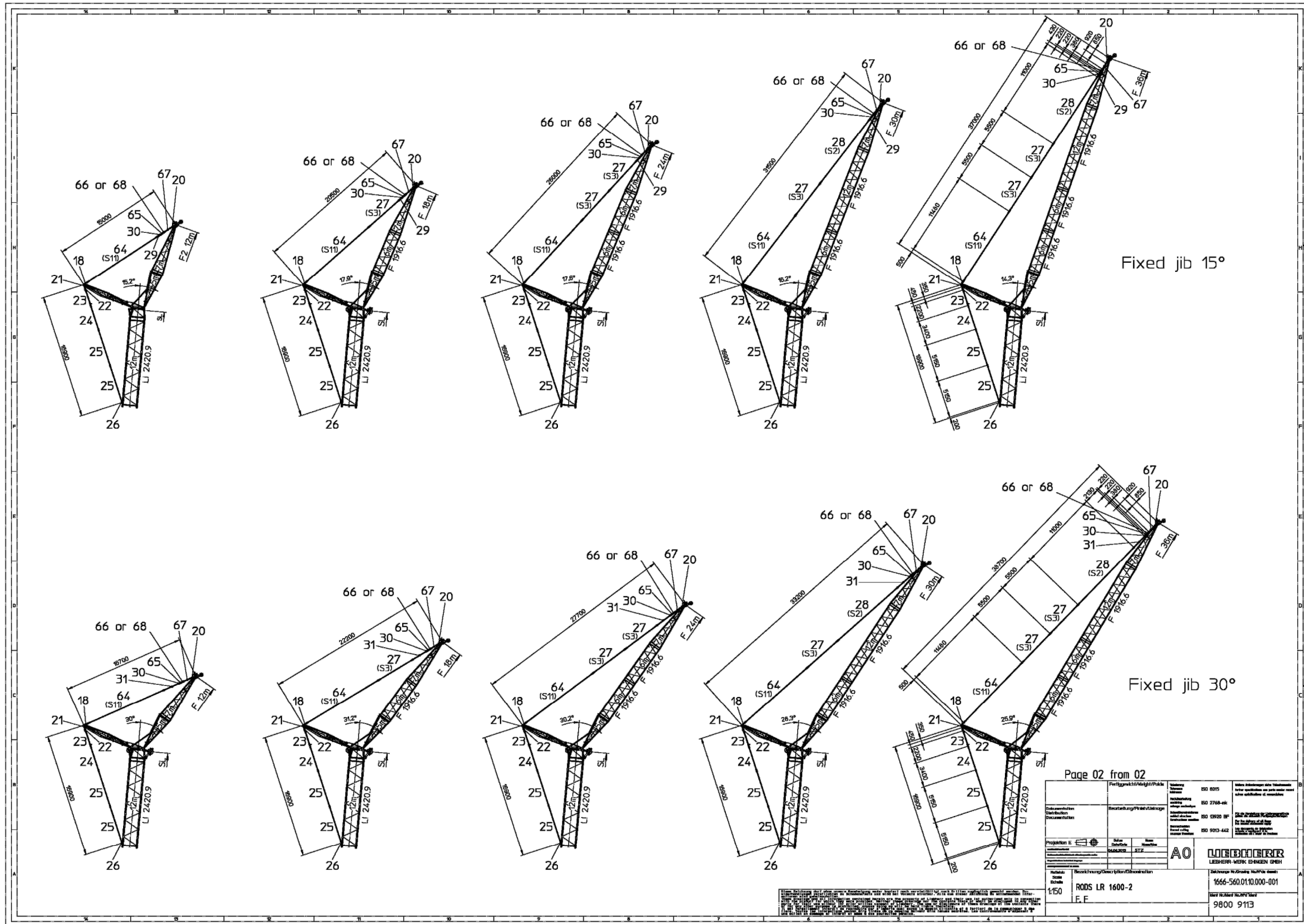
PROJECT:  
LR1600 SL3F 96m+12m

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

DRAWING NOTES:  
Rod Plan 3 – F Jib With Load Cells

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 – SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:37:57 AM

Revisions		
All Sheets Same Revision Level		
Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----



PROJECT:  
LR1600 SL3F 96m+12m

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

DRAWING NOTES:  
Rod Plan 4 – F Jib With  
Load Cells

FILE: C:\Buckner\Buckner HeavyLift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 – SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:37:59 AM

Revisions		
All Sheets Same Revision Level		
Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----



Pos. Item	Description	Page
18 964802408	BRACKET COMPL.	
20 964718708	BRACKET COMPL.	0
21 964802708	BRACKET COMPL.	
22 964724008	ROCKER WELDED	
23 964724108	ROCKER WELDED	
24 964528808	ROD CPL.	3.2M
25 964825908	ROD CPL.	5.15M
26 964826108	BRACKET COMPL.	
27 977000208	TENSIONING ROPE	5.5M
28 977000108	TENSIONING ROPE	11M
29 964831008	ROD WITH BOARD	0.43M
30 964829208	BRACKET COMPL.	
31 964835408	ROD WITH BOARD	2.13M
64 97051734	TENSIONING ROPE	11.48M
65 969047508	BRACKET COMPL.	
66 11485553	TENSION DYNAMOMETER	0-600KN
67 969051608	BRACKET COMPL.	
68 96002459	BRACKET COMPL.	0.38M
1000 98009113	RODS/ PULL RODS LR 1600-2	F. F

PROJECT:  
LR1600 SL3F 96m+12m

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

DRAWING NOTES:  
Rod Plan Table – F Jib With  
Load Cells

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering –  
Documents\Drawings\BHL\Buckner\Build Sheets\LR  
1600\LR 1600 – SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:38:00 AM

Revisions

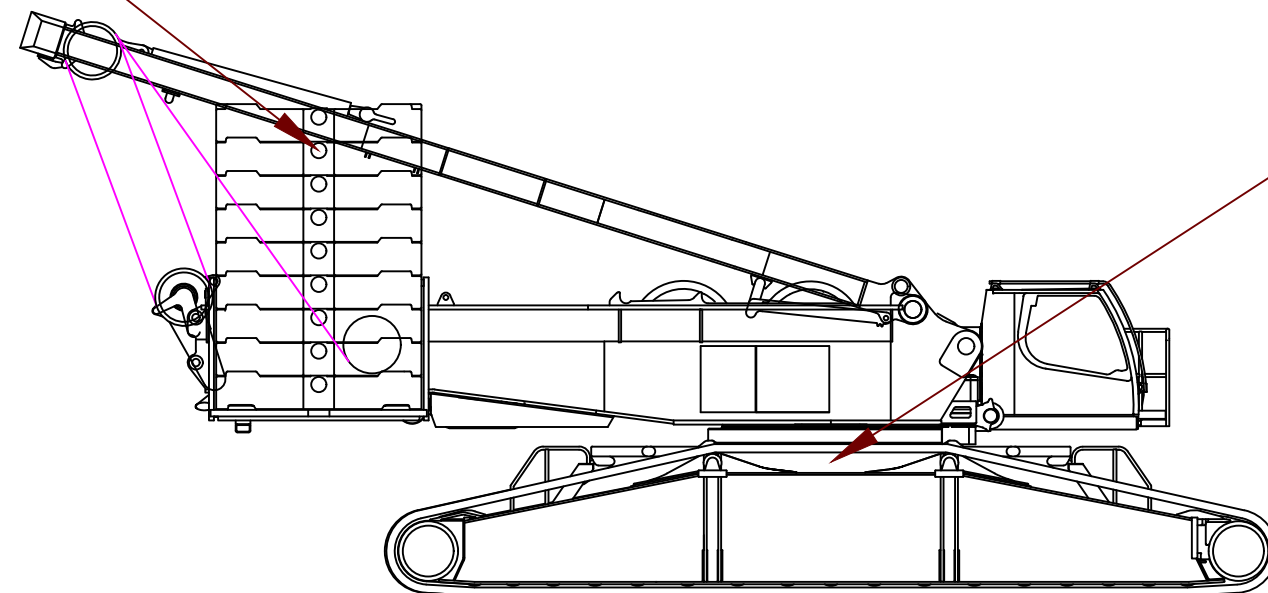
All Sheets Same Revision Level

Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

SHEET: 009 OF 014



Superstructure  
 190 tonnes  
 18 slabs  
 10 ton each



Carbody  
 65 tonnes  
 6 slabs  
 10 ton each

PROJECT:  
 LR1600 SL3F 96m+12m

LOCATION: -----

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

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

DRAWING NOTES:  
 Counterweight Arrangement

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering - Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 - SL3F 96m + 12m (315' + 39').dwg  
 CREATED: 03.15.2021 @ 5:21:39 PM  
 EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
 PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
 SAVED: 05.01.2023 @ 8:37:05 AM  
 PLOTTED: 05.01.2023 @ 8:38:01 AM

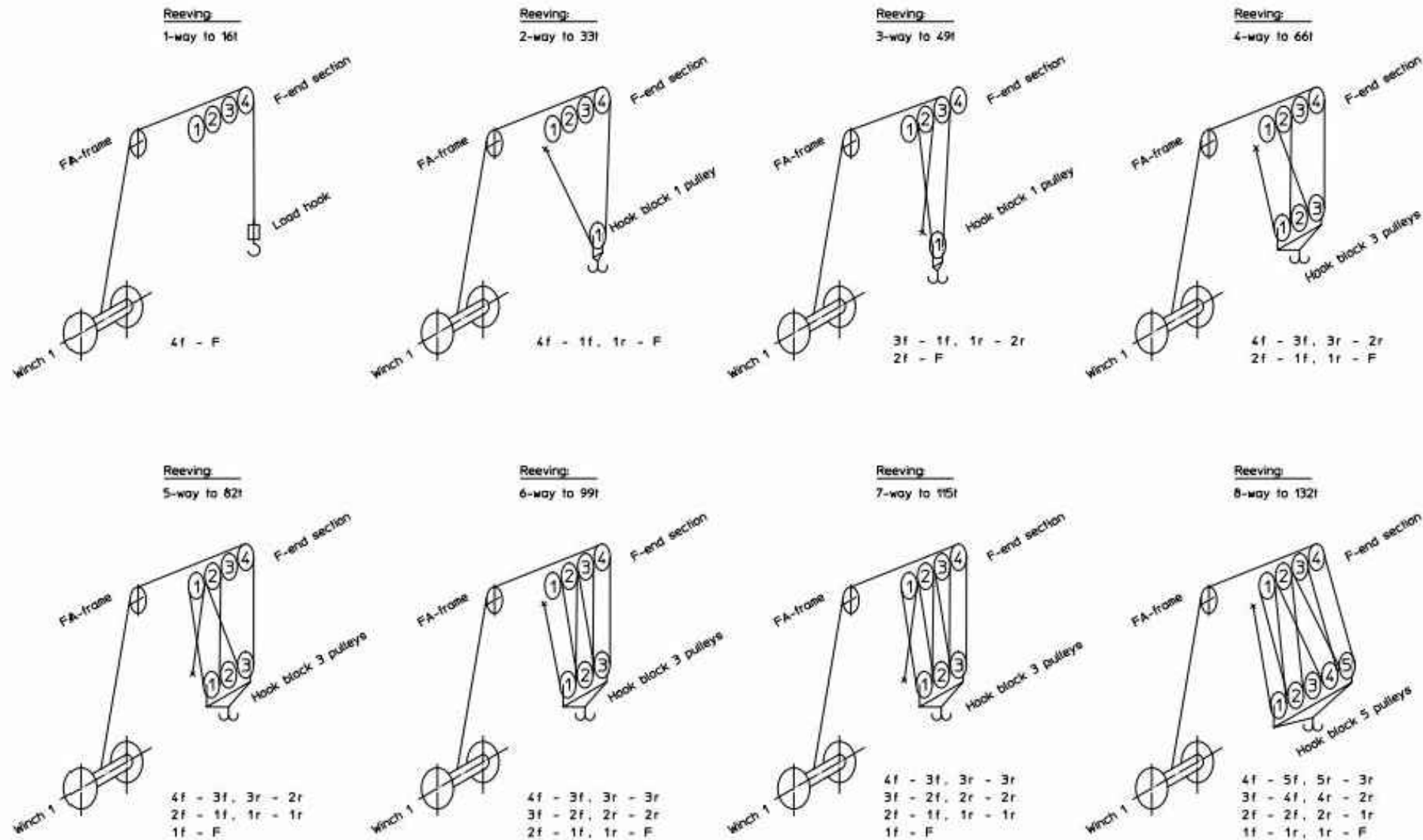
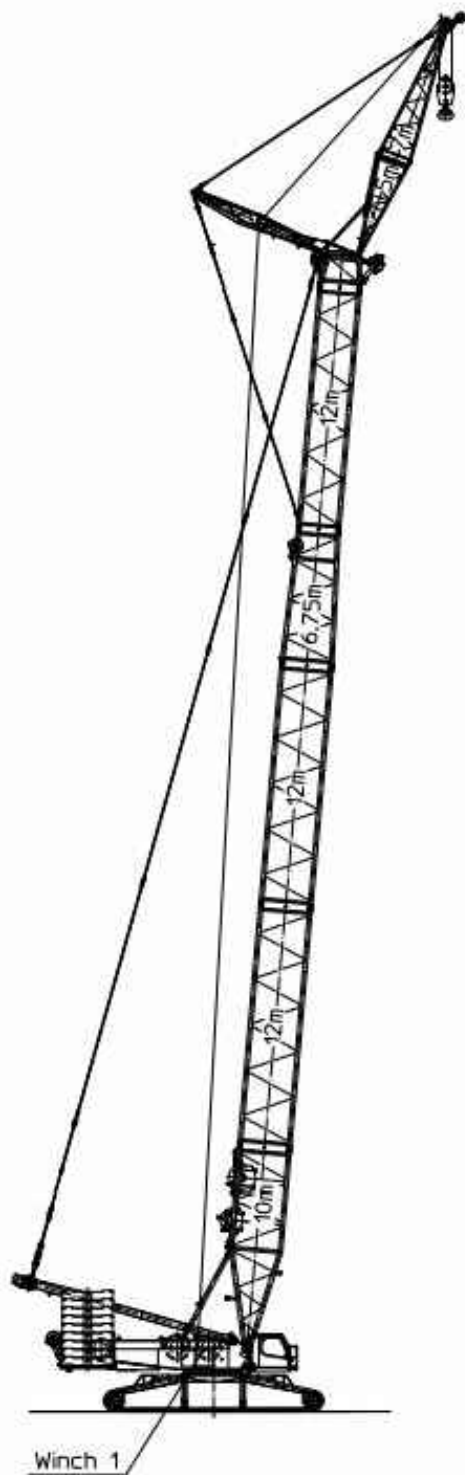
Revisions

All Sheets Same Revision Level

Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

SHEET: 010 OF 014





Reeving F-end section  
 (Load capacities for USA)  
 with load hook  
 Hook block 1 pulley  
 Hook block 3 pulleys  
 Hook block 5 pulleys

F = Fixpoint = Festpunkt  
 f = front = vorne  
 r = rear = hinten

Alle Angaben sind ohne Gewähr. Die Zeichnung ist ein Dokumentationsstück und darf nicht ohne schriftliche Genehmigung von Buckner Heavylift Cranes verwendet werden. Die Verantwortung für die Ausführung liegt bei dem Anwender. Die Zeichnung ist ein Dokumentationsstück und darf nicht ohne schriftliche Genehmigung von Buckner Heavylift Cranes verwendet werden. Die Verantwortung für die Ausführung liegt bei dem Anwender.

Documentation Distribution Documentation	Fertigvericht/Weight/Trade	ISO 8015	Technische Zeichnung
	Seabelling/Finish/Usage	ISO 2768-mk	Manufacturing drawing
		ISO 15920 BF	ISO 15920 BF
		ISO 9013-442	ISO 9013-442
Projektion E	1:150	REEVING PLAN	F-HEAD
RECHNUNG/Description/Denomination		1666-722.0100.008-002	
		9867 651 08	

PROJECT:  
 LR1600 SL3F 96m+12m

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

DRAWING NOTES:  
 Reeving Plan

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering - Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 - SL3F 96m + 12m (315' + 39').dwg  
 CREATED: 03.15.2021 @ 5:21:39 PM  
 EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
 PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
 SAVED: 05.01.2023 @ 8:37:05 AM  
 PLOTTED: 05.01.2023 @ 8:38:02 AM

Revisions		
All Sheets Same Revision Level		
Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

SHEET: 011 OF 014



**SL3F – operation with auxiliary support**

**TAB 181 00 043-00**

**SL3-boom:F-Connector head**

Page: 1 von 2

on crawlers 8.70m x 8.40m

System: S 2825.25/20/16

without hook block on SL3-boom

Li 2420.12.5/10/8.8  
F 1916.6.3

SL3F with auxiliary support (to the side)			Permissible weight [t] of hook block on F-boom							
			for turntable / central ballast [t]							
			190/65	170/65	150/65	150/25	130/25	110/25	110/5	
SL3 [m]	72	F [m]	12 <sup>a)</sup>	•	•	•	•	•	•	6.0
			18	•	•	•	•	•	•	3.5
			24	•	•	•	•	•	4.5	-
			30	•	•	•	•	•	3.0	-
			36	•	•	•	•	6.0	-	-
SL3 [m]	75	F [m]	12 <sup>a)</sup>	•	•	•	•	•	•	4.0
			18	•	•	•	•	•	5.0	-
			24	•	•	•	•	6.5	4.0	-
			30	•	•	•	•	5.0	-	-
			36	•	•	•	6.5	4.0	-	-
SL3 [m]	78	F [m]	12 <sup>a)</sup>	•	•	•	•	•	•	6.0
			18	•	•	•	•	•	4.0	-
			24	•	•	•	•	6.0	-	-
			30	•	•	•	•	4.5	-	-
			36	•	•	•	5.5	3.0	-	-
SL3 [m]	81	F [m]	12 <sup>a)</sup>	•	•	•	•	•	•	4.0
			18	•	•	•	•	5.5	-	-
			24	•	•	•	•	3.5	-	-
			30	•	•	•	5.0	-	-	-
			36	•	•	6.5	4.5	-	-	-
SL3 [m]	84	F [m]	12 <sup>a)</sup>	•	•	•	•	•	•	4.5
			18	•	•	•	•	3.0	-	-
			24	•	•	•	5.5	-	-	-
			30	•	•	5.0	3.0	-	-	-
			36	6.5	6.0	4.0	-	-	-	-
SL3 [m]	87	F [m]	12 <sup>a)</sup>	•	•	•	6.0	-	-	-
			18	•	•	•	5.0	-	-	-
			24	•	•	6.5	3.0	-	-	-
			30	•	6.5	4.5	-	-	-	-
			36	5.5	4.5	3.0	-	-	-	-
SL3 [m]	90	F [m]	12 <sup>a)</sup>	•	•	5.0	3.5	-	-	-
			18	•	•	4.0	-	-	-	-
			24	6.5	5.5	3.0	-	-	-	-
			30	5.5	3.0	-	-	-	-	-
			36	3.0	-	-	-	-	-	-
SL3 [m]	93	F [m]	12 <sup>a)</sup>	•	6.5	4.0	-	-	-	-
			18	6.5	4.5	-	-	-	-	-
			24	4.0	-	-	-	-	-	-
			30	-	-	-	-	-	-	-
			36	-	-	-	-	-	-	-

LWE/18150-21-02/en

**SL3F – operation with auxiliary support**

**TAB 181 00 043-00**

**SL3-boom:F-Connector head**

Page: 2 von 2

on crawlers 8.70m x 8.40m

System: S 2825.25/20/16

without hook block on SL3-boom

Li 2420.12.5/10/8.8  
F 1916.6.3

SL3F with auxiliary support (to the side)			Permissible weight [t] of hook block on F-boom							
			for turntable / central ballast [t]							
			190/65	170/65	150/65	150/25	130/25	110/25	110/5	
SL3 [m]	96	F [m]	12 <sup>a)</sup>	5.5	5.0	-	-	-	-	-
			18	4.0	3.0*	-	-	-	-	-
			24	-	-	-	-	-	-	-
			30	-	-	-	-	-	-	-
			36	-	-	-	-	-	-	-
SL3 [m]	99	F [m]	12 <sup>a)</sup>	3.0*	2.5*	-	-	-	-	-
			18	2.5*	-	-	-	-	-	-
			24	-	-	-	-	-	-	-
			30	-	-	-	-	-	-	-
			36	-	-	-	-	-	-	-
SL3 [m]	102	F [m]	12 <sup>a)</sup>	2.5*	-	-	-	-	-	-
			18	-	-	-	-	-	-	-
			24	-	-	-	-	-	-	-
			30	-	-	-	-	-	-	-
			36	-	-	-	-	-	-	-
SL3 [m]	105	F [m]	12 <sup>a)</sup>	1.0*	-	-	-	-	-	-
			18	-	-	-	-	-	-	-
			24	-	-	-	-	-	-	-
			30	-	-	-	-	-	-	-
			36	-	-	-	-	-	-	-
SL3 [m]	108	F [m]	12 <sup>a)</sup>	0.5*	-	-	-	-	-	-
			18	-	-	-	-	-	-	-
			24	-	-	-	-	-	-	-
			30	-	-	-	-	-	-	-
			36	-	-	-	-	-	-	-

- Hook block weight of 7 t permissible
- Erection not permissible
- \* For the maximum load and / or to spool the hoist rope out, a higher hook block weight is required. For these booms, the heavier hook block must be carried along on the ground during erection / take down, or the auxiliary weights must be attached after erection and removed before take down.
- a) Due to the relapse danger of the luffing jib / fixed jib, a higher hook block weight is required in this case and demands are made onto the minimum reeving. (TAB 181 00 047)

LWE/18150-21-02/en

PROJECT:  
LR1600 SL3F 96m+12m

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

DRAWING NOTES:  
Erection and Takedown

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 – SL3F 96m + 12m (315' + 39').dwg  
CREATED: 03.15.2021 @ 5:21:39 PM  
EDITING TIME: 5h12m FILE SIZE: 1314.52Kb  
PAPER SIZE: ANSI B (17.00 x 11.00 Inches)  
SAVED: 05.01.2023 @ 8:37:05 AM  
PLOTTED: 05.01.2023 @ 8:38:02 AM

Revisions

All Sheets Same Revision Level

Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

SHEET: 012 OF 014





PROJECT:  
LR1600 SL3F 96m+12m

LOCATION: -----

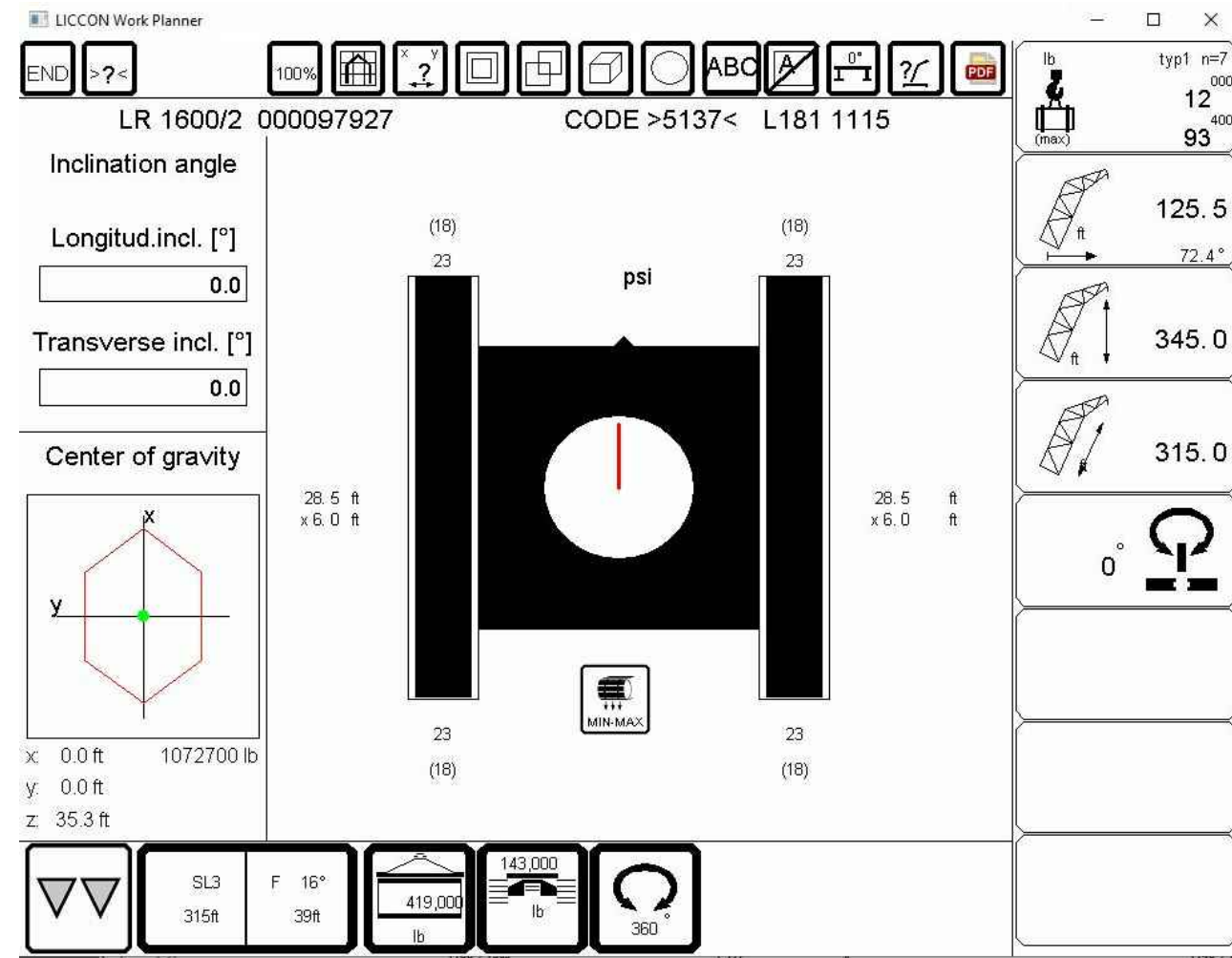
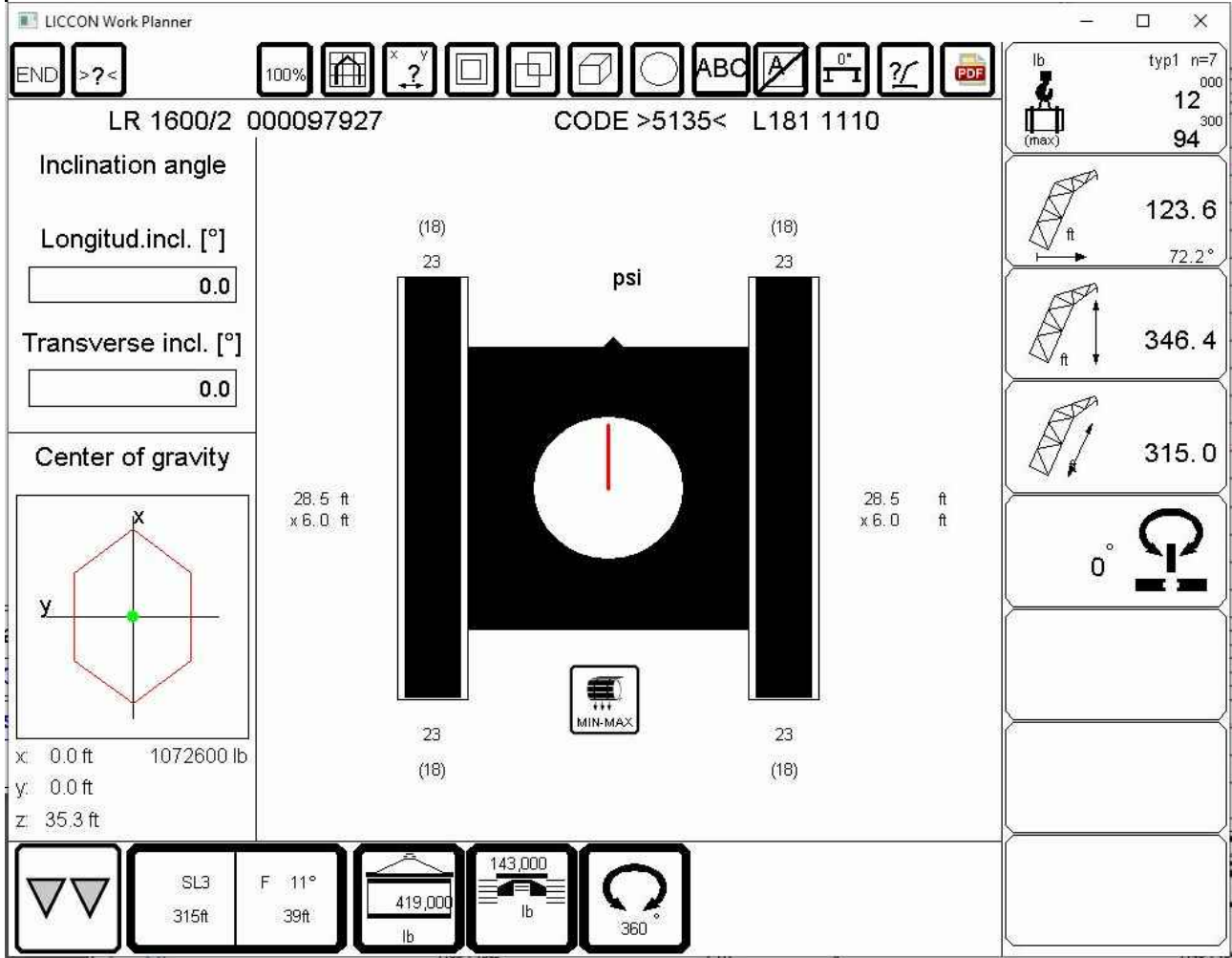
BUCKNER CONTACT: Dan Ives, PE  
Dani@BucknerCompanies.com

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

DRAWING NOTES:  
Balanced Boom

## 11 Degree Offset

## 16 Degree Offset



FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering - Documents\Drawings\BHL\Buckner\Build Sheets\LR 1600\LR 1600 - SL3F 96m + 12m (315' + 39').dwg

CREATED: 03.15.2021 @ 5:21:39 PM

EDITING TIME: 5h12m FILE SIZE: 1314.52Kb

PAPER SIZE: ANSI B (17.00 x 11.00 Inches)

SAVED: 05.01.2023 @ 8:37:05 AM

PLOTTED: 05.01.2023 @ 8:38:06 AM

Revisions		
All Sheets Same Revision Level		
Rev.	Date	Description
000	11.11.2019	Preliminary Planning & Initial Layout
001	03.01.2021	Revised Rod Plans
002	05.01.2023	Added CTWT
003	----	----
004	----	----
005	----	----
006	----	----
007	----	----
008	----	----
009	----	----
010	----	----

NOTE: These track pressures are based on the crane being perfectly balanced and perfectly level. Inclinations during travel will increase the track pressures from what is shown here.

SHEET: 014 OF 014

