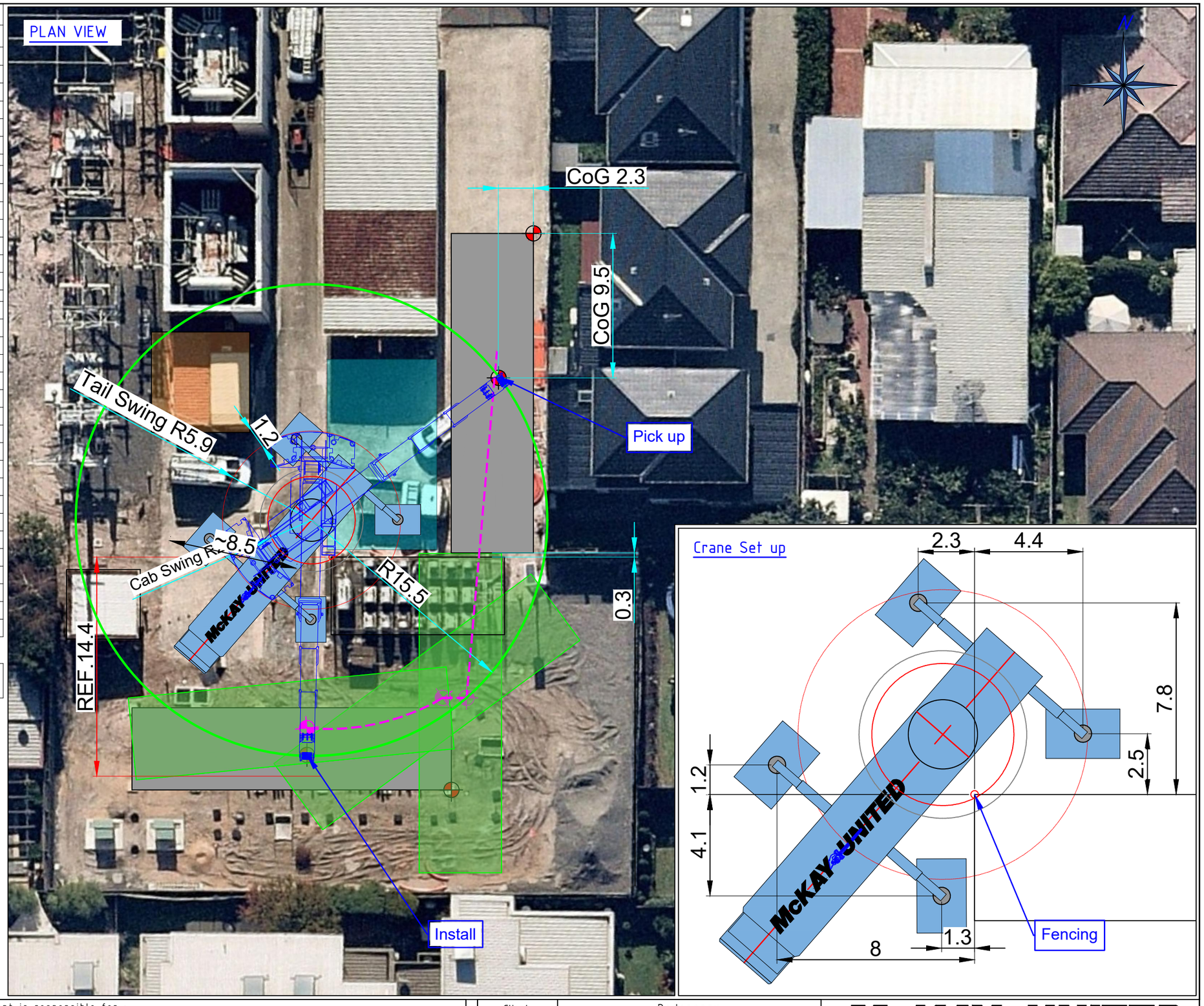
Crane Info:		GMK6400
Crane Configuration:		MB
Outrigger setup:	(m)	8.7 x 8.5
Boom Length:	(m)	30.09
Boom Config. :		0+44+44+44+
Jib Length:	(m)	N/A
Jib Offset:	(°)	N/A
Counterweight:	(t)	135.0
Hook Block info:		
Hook Block Capacity/Sheave(s):		100t/3
Min. Part Line:	(Nos)	7
Line Dia:	(mm)	24
Line Pull:	(t)	12.4
Total Hoist Line Capacity:	(t)	87
Hoist Line Utilization Capacity:	(%)	79.3
Max. Weight of Load :	(t)	62.00
Load capacity reduction:		
Hook Block Weight:	(t)	1.30
Auxiliaries Hook block:	(t)	0.00
Stowed Folding Jib / Runner:	(t)	0.00
Rigging Weight:	(t)	5.62
Wire Weight:	(t)	0.10
Total Load:	(t)	69.02
Load factor:	(%)	0.0
Total Lift Load:	(t)	69.02
Lifting info:		
Radius:	(m)	15.50
Capacity:	(t)	69.50
Percentage of Capacity:	(%)	99.3
Outrigger info:		
Max. Outrigger Point Load:	(t)	130.90
Bog Mat Dimensions:	(m)	3.0 x 2.0
Bog Mat Dead Weight:	(t)	2.2
GBP under mats	(kPa)	217.4

MAXIMUM CAPACITY CHART WIND SPEED = 10 m/s

For Approval

PLAN VIEW



Crane Set up

Drawn By:	A.Kamaee
Reviewed By:	K.Kelton
Drawing No:	4086
Date:	23/06/2021
Revision:	0

General Notes, The client is responsible for :

1	Area preparation and to ensure the crane pad is suitable for generated loads by crane during operation,mobilisation and demobilisation;The work area must be well compacted and level and free from obstacles.
2	The structural integrity of the load / Lifting points based on the shown rigging arrangement.
3	Rigging arrangement is subjected to availability and it may change to suitable alternative.
4	All dimensions are in meter

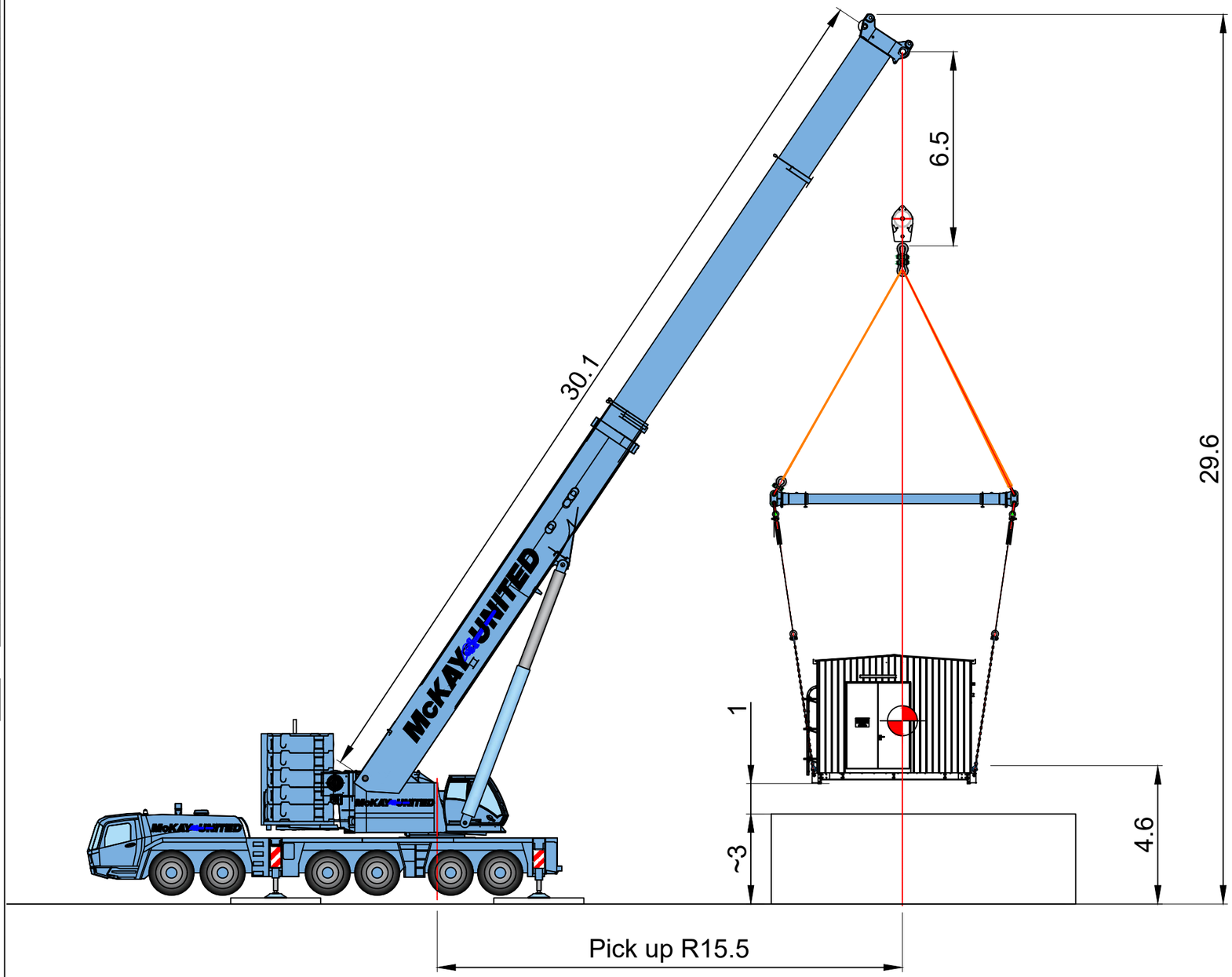
Client:	Psdenergy
Project:	PROJECT/ JOB NAME/ JOB NUMBER
Location:	110 Highett Rd, Highett VIC 3190
Description:	Switch room - Install
Sheet:	1 of 3 *DO NOT SCALE DRAWING*

McKAY UNITED
WILLIAMSTOWN CRANE HIRE
114 DOHERTYS ROAD, LAVERTON NORTH
VIC 3026
PH: 1300 555 214

Crane Info:		GMK6400
Crane Configuration:		MB
Outrigger setup:	(m)	8.7 x 8.5
Boom Length:	(m)	30.09
Boom Config. :		0+44+44+44+
Jib Length:	(m)	N/A
Jib Offset:	(°)	N/A
Counterweight:	(t)	135.0
Hook Block info:		
Hook Block Capacity/Sheave(s):		100t/3
Min. Part Line:	(Nos)	7
Line Dia:	(mm)	24
Line Pull:	(t)	12.4
Total Hoist Line Capacity:	(t)	87
Hoist Line Utilization Capacity:	(%)	79.3
Max. Weight of Load :	(t)	62.00
Load capacity reduction:		
Hook Block Weight:	(t)	1.30
Auxiliaries Hook block:	(t)	0.00
Stowed Folding Jib / Runner:	(t)	0.00
Rigging Weight:	(t)	5.62
Wire Weight:	(t)	0.10
Total Load:	(t)	69.02
Load factor:	(%)	0.0
Total Lift Load:	(t)	69.02
Lifting info:		
Radius:	(m)	15.50
Capacity:	(t)	69.50
Percentage of Capacity:	(%)	99.3
Outrigger info:		
Max. Outrigger Point Load:	(t)	130.90
Bog Mat Dimensions:	(m)	3.0 x 2.0
Bog Mat Dead Weight:	(t)	2.2
GBP under mats	(kPa)	217.4

MAXIMUM CAPACITY CHART WIND SPEED = 10 m/s

ELEVATION VIEW



For Approval

Drawn By:	A.Kamaee
Reviewed By:	K.Kelton
Drawing No:	4086
Date:	23/06/2021
Revision:	0

General Notes, The client is responsible for :

1	Area preparation and to ensure the crane pad is suitable for generated loads by crane during operation,mobilisation and demobilisation;The work area must be well compacted and level and free from obstacles.
2	The structural integrity of the load / Lifting points based on the shown rigging arrangement.
3	Rigging arrangement is subjected to availability and it may change to suitable alternative.
4	All dimensions are in meter

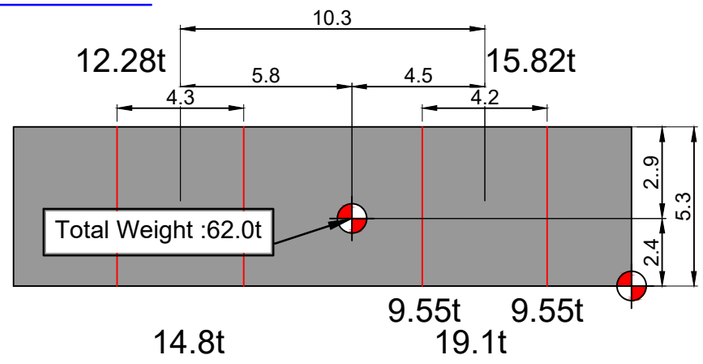
Client:	Psdenergy
Project:	PROJECT/ JOB NAME/ JOB NUMBER
Location:	110 Highett Rd, Highett VIC 3190
Description:	Switch room - Install
Sheet:	2 of 3 *DO NOT SCALE DRAWING*

McKAY UNITED
WILLIAMSTOWN CRANE HIRE
114 DOHERTYS ROAD, LAVERTON NORTH
VIC 3026
PH: 1300 555 214

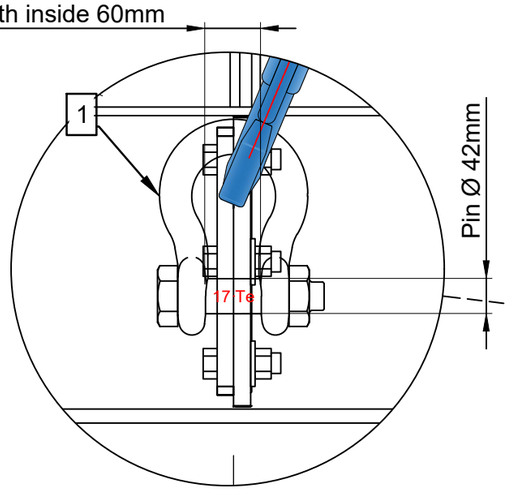
Rigging Bill of Materials

				Total Weight (kg)=	5615.2
Item No.	Description	WLL (t)	Qty	Wt. /ea (kg)	Weight (kg)
1	17t Bow Shackle [TBC]	17t	16	8.2	131.2
2	2 Leg, Min. 22mm chains G100 - 6.0m	19.0t	2	200.0	400.0
3	20t softslign - 4.0m	20t	6	10.0	60.0
3	30t sheaves with 8.0m wire rope	30t	4	100.0	400.0
4	25t Bow Shackle	25	8	15.0	120.0
5	55t Bow Shackle	55t	12	40.0	480.0
6	Spreader bar - 100t@8.0m	100t@8.0m	2	1800.0	3600.0
7	85t Bow Shackle	85t	4	62.0	248.0
8	Min. 50t Soft Sling (8.0m)	50t	4	44.0	176.0

Load Distribution

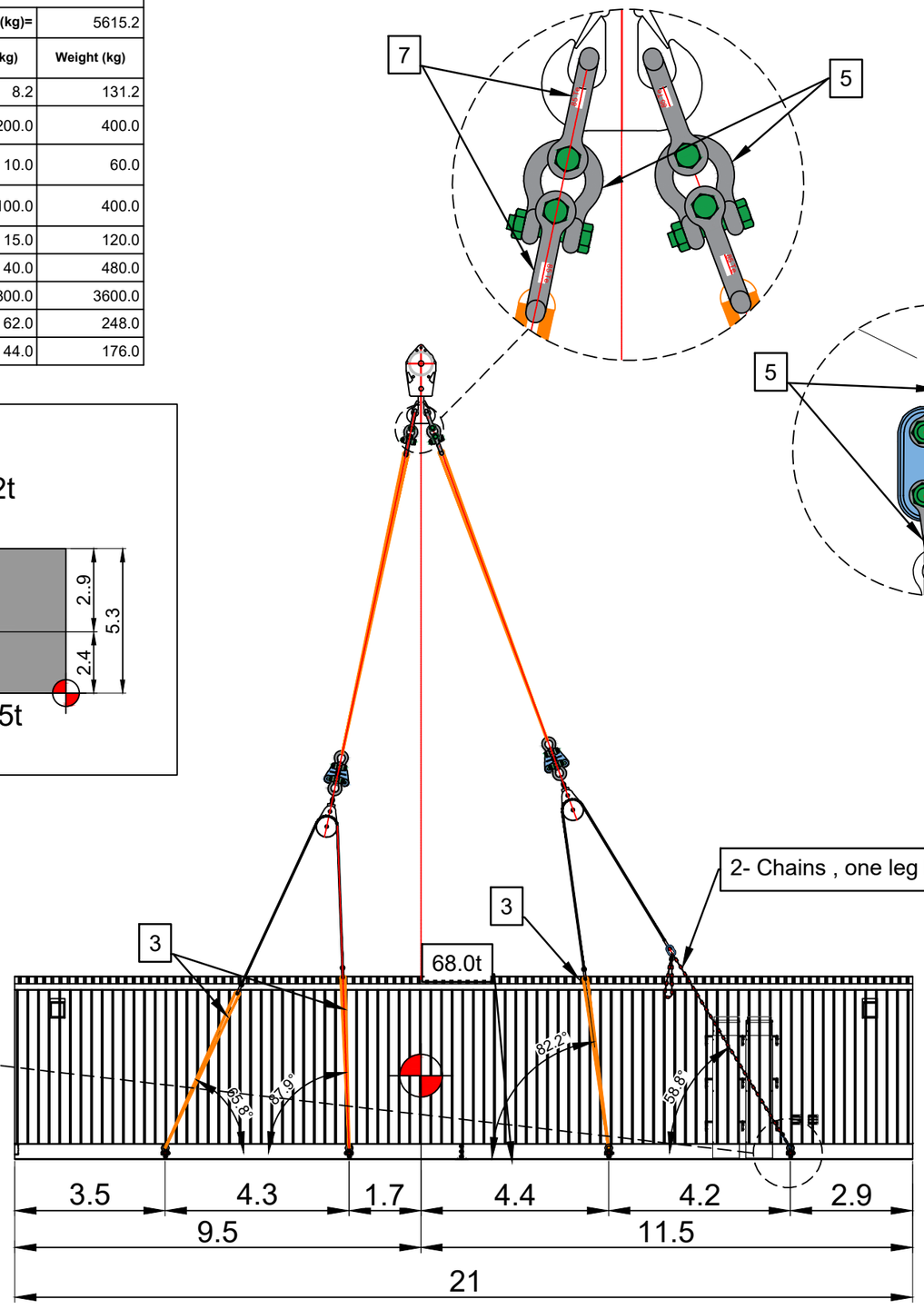


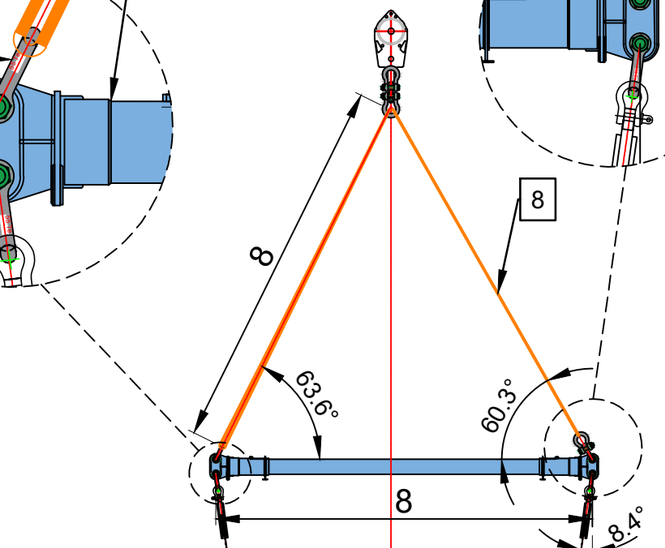
Width inside 60mm

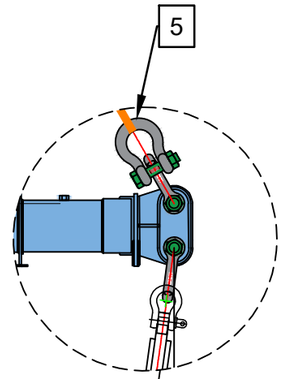


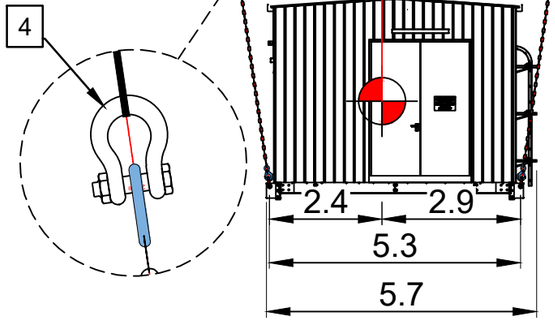
NOTE:

Rigging to be adjusted at field









For Approval

Drawn By:	A.Kamaee
Reviewed By:	K.Kelton
Drawing No:	4086
Date:	23/06/2021
Revision:	0

General Notes, The client is responsible for :

1	Area preparation and to ensure the crane pad is suitable for generated loads by crane during operation,mobilisation and demobilisation;The work area must be well compacted and level and free from obstacles.
2	The structural integrity of the load / Lifting points based on the shown rigging arrangement.
3	Rigging arrangement is subjected to availability and it may change to suitable alternative.
4	All dimensions are in meter

Client:	Psdenergy
Project:	PROJECT/ JOB NAME/ JOB NUMBER
Location:	110 Highett Rd, Highett VIC 3190
Description:	Switch room - Rigging arangement
Sheet:	3 of 3 *DO NOT SCALE DRAWING*

McKAY UNITED
WILLIAMSTOWN CRANE HIRE
114 DOHERTYS ROAD, LAVERTON NORTH
VIC 3026
PH: 1300 555 214

3 208 660

	Crane with 135 t counterweight **Outrigger base - length 8,700 m - width 8,500 m**									
	Main boom - fixed length in m									
	26.50	26.54	26.60	30.09	30.09	30.09	31.44	34.99	34.99	34.99
Tel. sec. I	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.44
Tel. sec. II	1.00	0.00	0.00	0.44	0.44	0.00	0.00	0.00	0.44	0.44
Tel. sec. III	0.00	0.00	1.00	0.44	0.44	0.44	0.44	0.87	0.44	0.44
Tel. sec. IV	0.00	1.00	0.00	0.00	0.44	0.88	1.00	0.88	0.88	0.44
Slewing range	360°									
Radius in m	Lifting capacities in t									
9.0	92.0			107.0						
10.0	84.5		65.5	101.0						97.0
11.0	78.5		60.5	94.0	94.5					91.5
12.0	73.5	54.0	56.5	87.0	89.0	54.5		47.0	60.5	86.5
13.0	69.0	51.0	53.5	80.5	82.5	51.0	44.5	44.5	57.0	82.0
14.0	65.0	48.0	50.0	75.0	77.0	48.0	41.5	41.5	54.0	76.5
15.0	61.5	45.5	47.5	70.0	72.0	45.5	39.5	39.0	51.0	71.0
16.0	58.0	43.0	45.0	65.0	67.0	43.0	37.0	37.0	48.5	66.0
18.0	52.0	39.0	40.5	57.0	58.5	39.0	33.5	33.5	44.0	58.0
20.0	47.5	36.0	37.0	50.0	52.0	35.5	31.0	30.5	40.5	51.0
22.0	40.0	33.0	34.0	44.0	46.0	32.5	28.5	28.0	37.0	45.0
24.0				39.0	41.0	30.0	26.0	25.5	34.5	40.5
26.0				33.5	35.5	28.0	24.5	23.5	32.0	36.5
28.0							22.5	22.0	30.5	33.0
30.0								20.5	28.5	30.0
RCL code	1900									
Max. permitted windspeed	**14 m/s**									
	11 m/s	**14 m/s**		**10 m/s**		**14 m/s**			**11 m/s**	**9 m/s**

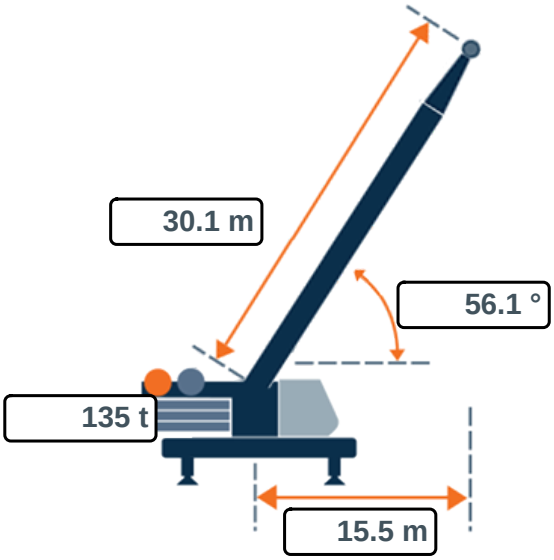
Outrigger Pad Load Calculator

Crane setup

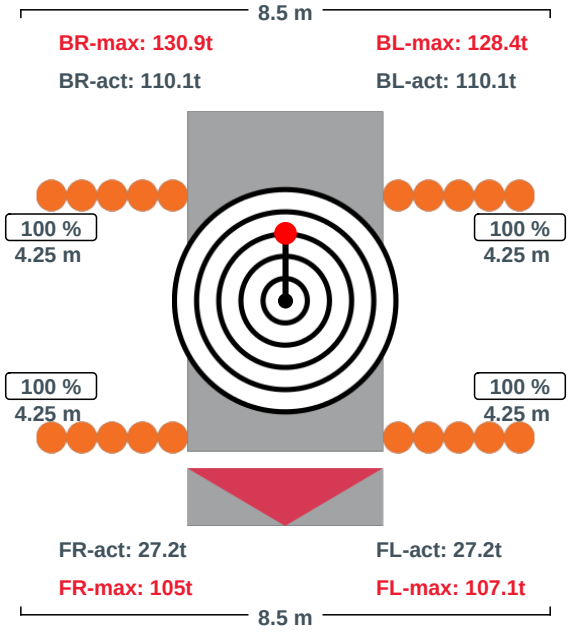
crane model:	GMK6400	configuration:	MB		
ident number:	3208660	outrigger base:	8.70x8.50m	standard:	EN13000
LMB-code:		slew range:	0 to 360 °	superstructure-angle:	0 °

99.3% max **69.5 t** act **69.02 t**

Side view



Top view (incl. ground bearing pressures)



Load charts / load graphs

Radius m	Load t	Height m
11	94.5	30.99
12	89	30.47
13	82.5	29.9
14	77	29.28
15	72	28.6
16	67	27.86
18	58.5	26.17
20	52	24.15
22	46	21.67
24	41	18.51
26	35.5	14.05

Disclaimer

The Outrigger Pad Load calculations produced by this software are not a substitute for adherence to all load chart requirements and safe crane operating practices and limitations. Always confirm that the lifted load and the actual crane configuration are approved by the applicable load chart. In addition, the accuracy of the Outrigger Pad Load calculations is entirely dependent upon the user inputting proper data/information. If inaccurate data is input, the Outrigger Pad Load calculations will not be accurate.

Design of ground support sufficient to withstand calculated loads is within the sole responsibility of the user of this software and/or the Site Supervisor (see ASME B30.5-2007 5-3.1.3.2.1(e)(3)). Reliance upon inaccurate calculations and/or improper ground support could lead to tip over (and potentially result in death, serious bodily injury, damage to the crane and/or damage to other property). If you have any questions as to whether the data/information you are inputting into the software is accurate, please contact Product Marketing.

Outrigger Pad Load Calculator

Crane Control Screen