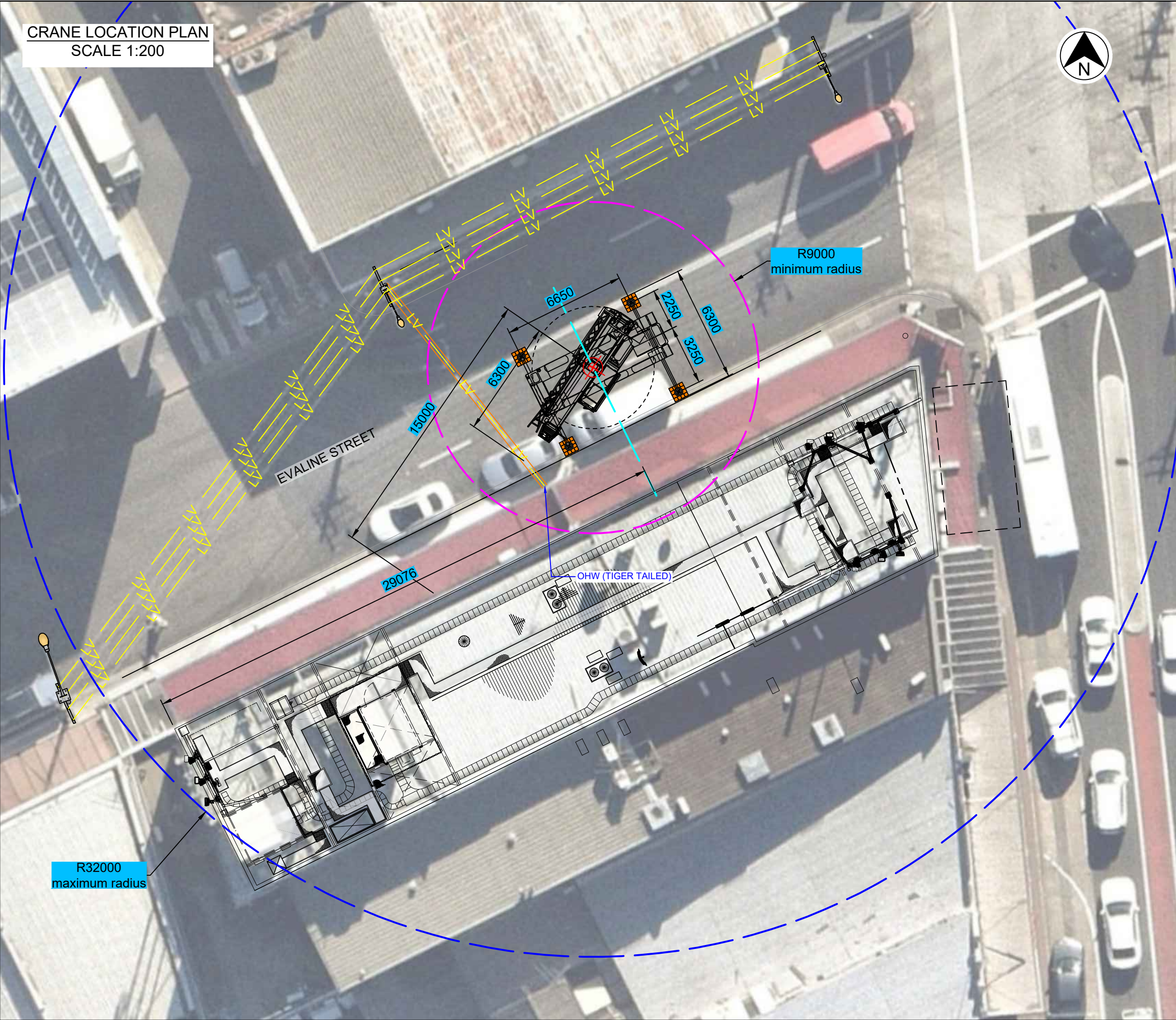




CRANE LOCATION PLAN
SCALE 1:200

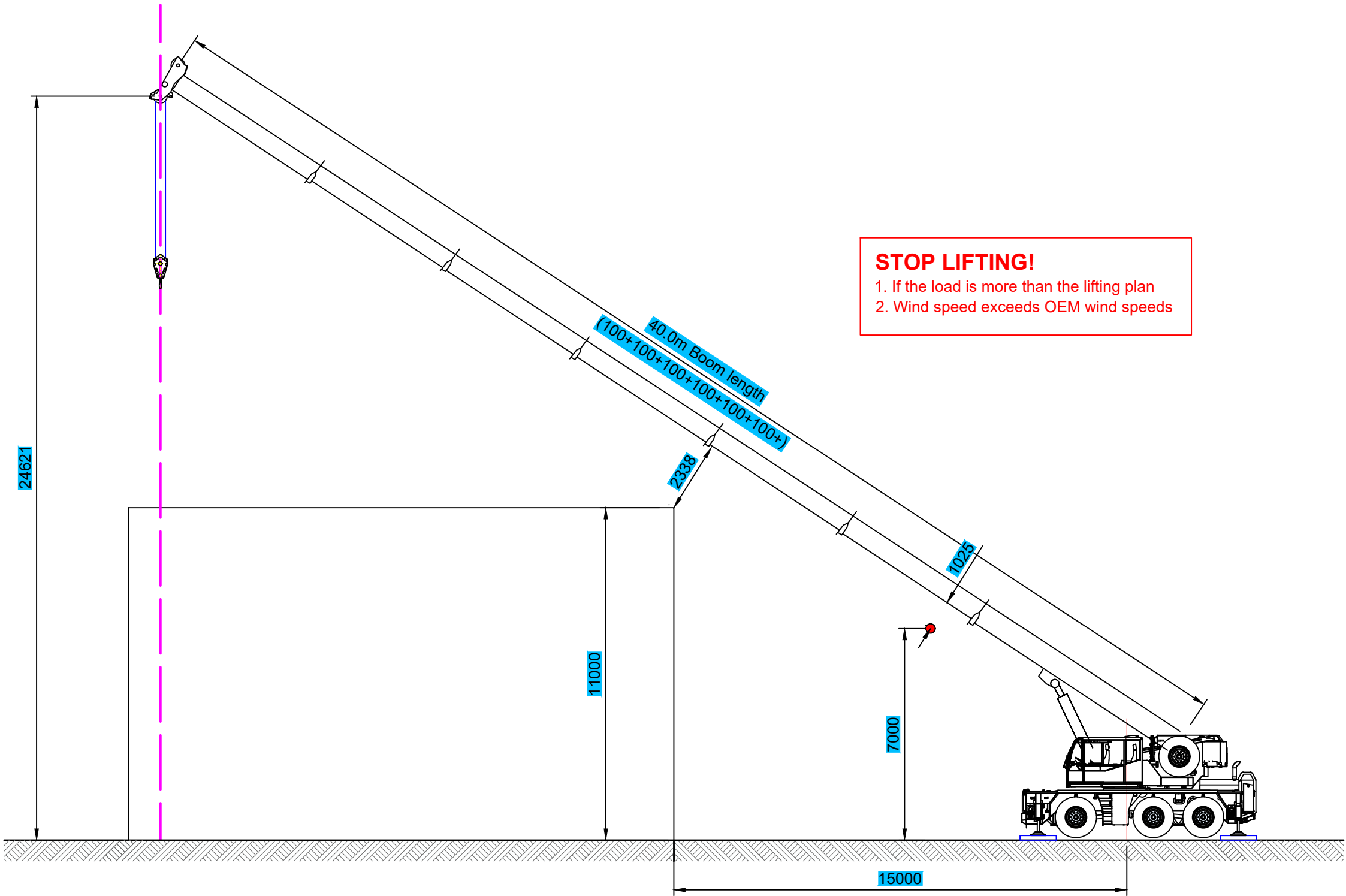
CLIENT	SAWYER CRANES			
PROJECT	-			
LOCATION	262 BEAMISH ROAD CAMPSIE			
DRAWING TITLE	CRANE LOCATION PLAN			
LIFTED PIECE DESCRIPTION	0.8t TELCO COMPONENTS			
DRAWING NUMBER	ELS-25-015 -01	REV.	A	
CHECKED BY				
SCALE	1:200 @ A3			
DATE	27.06.2025			
LIFT ANALYSIS				
CRANE				
Make / Model / Serial No.:	DEMAG / AC55 CITY			
Type (Slew, Artic, Crawler):	SLEW CRANE			
Boom Length (m) & Sequence:	40.0m (100+100+100+100+100+100+)			
Attachments (Guy, Fly & etc.):	n/a			
Counterweight (t):	8.8			
Outrigger/Track/Artic. Config.:	6.65m (L) x 5.5m (W)			
HOOKS				
Hook Capacity (t):	5			
Parts of Line:	1			
Line Pull (t)	4.6			
Combined Hook & Line Pull (t):	4.6			
Hook Description:	BABY HOOK			
% of Hook Utilization:	21.48			
LOAD				
Mass of Piece to be Lifted (t):	0.8			
Mass of Main Hook (t):	0.13			
Mass of Aux. Hook (t):	n/a			
Hoist Rope (Main & Aux.) (t):	n/a			
Rigging / Extras (t):	0.058			
Fly / Rooster (t):	n/a			
Net Load (t):	0.99			
Load Factor:	-			
Gross Load (t):	0.99			
Crane Capacity (t):	1.4			
Chart Radius (m):	32			
% of Crane SWL:	70.57			
Max. / Min. Radius (m):	32.0 / 9.0			
SITE CONDITIONS				
Max. Outrigger/Track Load (t):	19.0			
Pad Weight (t):	0.3			
Pad/Track/Timber Area (m²)	0.80	X	0.80	= 0.64
Applied Pressure (kPA):	295.8			
Allowable Pressure (kPA):	TBC by Client			
Max. Wind Speed (m/s):	9.8			

CRANE ELEVATION
SCALE 1:150

RIGGING DETAIL

NO.	TYPE	LENGTH (m)	Qty.	W.L.L.	Wt./each (kg)	Total Weight(kg)
1	8mm 2-LEG G80 CHAIN SET	6	2	3.5000	18	36.0
2	ROUND SLING	4	4	2	3	12.0
3	BOW SHACKLES		4	8.5	2.5	10.0
TOTAL RIGGING WEIGHT (KG)						58.0

STOP LIFTING!
1. If the load is more than the lifting plan
2. Wind speed exceeds OEM wind speeds



CLIENT	SAWYER CRANES		
PROJECT	-		
LOCATION	262 BEAMISH ROAD CAMPSIE		
DRAWING TITLE	CRANE ELEVATION PLAN		
LIFTED PIECE DESCRIPTION	0.8t TELCO COMPONENTS		
DRAWING NUMBER	ELS-25-015 -02	REV.	A
CHECKED BY			
SCALE	1:150 @ A3		
DATE	27.06.2025		

LIFT ANALYSIS

CRANE				
Make / Model / Serial No.:	DEMAG / AC55 CITY			
Type (Slew, Artic, Crawler):	SLEW CRANE			
Boom Length (m) & Sequence:	40.0m (100+100+100+100+100+100+)			
Attachments (Guy, Fly & etc.):	n/a			
Counterweight (t):	8.8			
Outrigger/Track/Artic. Config.:	6.65m (L) x 5.5m (W)			
HOOKS				
Hook Capacity (t):	5			
Parts of Line:	1			
Line Pull (t)	4.6			
Combined Hook & Line Pull (t):	4.6			
Hook Description:	BABY HOOK			
% of Hook Utilization:	21.48			
LOAD				
Mass of Piece to be Lifted (t):	0.8			
Mass of Main Hook (t):	0.13			
Mass of Aux. Hook (t):	n/a			
Hoist Rope (Main & Aux.) (t):	n/a			
Rigging / Extras (t):	0.058			
Fly / Rooster (t):	n/a			
Net Load (t):	0.99			
Load Factor:	-			
Gross Load (t):	0.99			
Crane Capacity (t):	1.4			
Chart Radius (m):	32			
% of Crane SWL:	70.57			
Max. / Min. Radius (m):	32.0 / 9.0			
SITE CONDITIONS				
Max. Outrigger/Track Load (t):	19.0			
Pad Weight (t):	0.3			
Pad/Track/Timber Area (m²)	0.80	x	0.80	= 0.64
Applied Pressure (kPA):	295.8			
Allowable Pressure (kPA):	TBC by Client			
Max. Wind Speed (m/s):	9.8			

Telstra Networks Wireless program Delivery Template - 017868P02 issue 11.4 XX /XX/2015

NOTE:
REPLACE SECTOR 1 FEEDERS WITH LCF114-50JA (2 OFF).

NOTES:

1. FOR SITE SPECIFIC NOTES REFER TO SHEETS S0 & S0-1.
2. FOR EME SIGNS NOTED AS **#X** REFER TO 005486 DOCUMENTS FOR DETAILS.
3. **#2** & **#7** PROPOSED EME SIGN SECURED TO PROPOSED CHAIN BARRIERS.
4. **#13** EME SIGNS SECURED TO ROOF ACCESS HATCH & TELSTRA EQUIPMENT SHELTER DOOR.
5. EXISTING SHELTER DISMANTLED ON ROOFTOP & CRANE-LIFTED DOWN USING ZONE ON BEAMISH STREET.
6. MAKE GOOD ALL TELSTRA ROOF PENETRATIONS AND DAMAGES AFTER REMOVAL OF THE SHELTER.

EXISTING O/H POWER LINES

PROPOSED **#2** & **#7** EME SIGN TO BE ATTACHED TO WALKWAY BARRIER

EXISTING BUILDING ACCESS THROUGH FOYER. ENTRANCE OFF EVALINE STREET

EXISTING BUILDING VENTILATION UNITS (TYP.)

EXISTING YAGI ANTENNAS ON ROOF (TYP.)

EXISTING SIGN SECURED TO SHELTER DOOR **#13**

EXISTING TELSTRA (EX-3GIS) 450W CABLE LADDER (TYP.) TO BE REMOVED

EXISTING WALKWAY PLATFORM (TYP.)

EXISTING HANDRAIL (TYP.)

EXISTING POWER POLE

EXISTING **#5** EME SIGN TO BE RECOVERED FROM WALKWAY HANDRAIL AND REPLACED WITH **#4** EME SIGN

REFER SHEET S1-1 FOR ANTENNA LAYOUT

EXISTING TELSTRA 300W CABLE LADDER TO ACCOMMODATE PROPOSED 7/8" HYBRID CABLES (1 OFF) & PROPOSED TELSTRA LCF78-50JA CABLES (4 OFF). EXISTING FEEDERS AND 1/2" HYBRID CABLES TO BE REMOVED

EXISTING SPARE 3GIS EQUIPMENT SHELTER ALONG WITH STEEL WORKS TO BE RECOVERED. REFER TO NOTES 5 & 6

EXISTING REDUNDANT ROOF ACCESS HATCH

EXISTING TELSTRA EQUIPMENT SHELTER ON EXISTING STEELWORK TO ACCOMMODATE PROPOSED TELSTRA EQUIPMENT. REFER TO SHEET E1 FOR DETAILS

PROPOSED CRANE / EWP SET-UP ZONE

PROPOSED EME SIGN TO BE SECURED TO EXISTING CHAIN BARRIER

EXISTING SIGN FIXED TO CABLE TRAY TO BE RECOVERED **#7**

PROPOSED CHAIN BARRIER TO BE INSTALLED BETWEEN WALKWAY BARRIERS WITH **#2** & **#7** EME SIGNAGE ATTACHED

EXISTING TELSTRA EXTERNAL DB/ ISOLATION ENCLOSURE

EXISTING SATELLITE DISH

PROPOSED TELSTRA LEASE AREA 5.3m x 4.2m

PROPOSED NEW FEEDER WINDOW TO ACCOMMODATE ALL NEW FEEDERS, EXISTING TO BE REPLACED

EXISTING TELSTRA LTE700 GPS ANTENNA (1 OFF A100) ON ANTENNA BRACKET NEAR FEEDER WINDOW ON SHELTER ROOF TO BE REPLACED WITH NEW

PROPOSED TELSTRA EXTENDED PLATFORM WITH HANDRAIL. REFER TO SHEET T8-2 FOR DETAILS

EXISTING ROOF ACCESS HATCH

#4 EXISTING SIGN SECURED BELOW ACCESS HATCH

#13 PROPOSED SIGN TO BE SECURED BELOW ACCESS HATCH

SITE LAYOUT

SCALE 1:200

2m 0 2m 4m 6m 8m 10m SCALE 1:200

NOTE: THIS DRAWING TO BE READ IN CONJUNCTION WITH SHEETS S1 & S1-1

COMPLIANCE BOX

COMPLETED AS PER DESIGN ☐

ALTERATIONS IN RED ☐

NAME (PRINT)

SIGNATURE

DATE

FOR CONSTRUCTION



ServiceStream

Level 7, 25 Smith Street, Parramatta, NSW 2150
T +61 3 9677 8888 | www.servicestream.com.au

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
NA21402.01	AS	TM	FC - 30084110WO204SSNC - NR850 / LTE2600 / NR3500	AC	WN	26.01.25	1

© Telstra Corporation Limited ABN 33 051 775 556 All rights reserved.



MOBILE NETWORK SITE 107690
CAMPSIE 262 BEAMISH ST

SITE LAYOUT
262 BEAMISH STREET, CAMPSIE, NSW 2194

DWG
NO.

N26746

SHT
NO.

S1-2

Cad file: N26746.dwg

6

A3

AC55CITY

Capacities on **Main Boom**

HA

Capacity (t) = Load + Hook Block

Slew Range
0-360 °
Outrigger Length

6,65 m

Outrigger Width

6,5 m

Counterweight
8,8 t
Main Boom Length (m)
Radius (m)

31,5	34,6	33,9	33,9	36,9	36,2	40
------	------	------	------	------	------	-----------

6	14,6						
7	13,6	11,2	14,9	13,8			
8	12,6	10,4	13,8	12,8	10,6	12,7	
9	11,7	9,7	12,9	12	9,9	11,9	10,6
10	10,7	9,1	12,1	11,2	9,2	11,2	10,1
11	10,1	8,4	11,3	10,4	8,7	10,5	9,5
12	9,5	7,9	10,6	9,8	8,1	9,9	9
13	8,9	7,4	9,3	9,3	7,6	9,4	8,6
14	8,3	7	8,2	8,6	7,3	8,4	8,1
15	7,8	6,6	7,3	7,6	6,9	7,5	7,5
16	7,1	6,2	6,5	6,9	6,5	6,7	6,7
17	6,4	5,8	5,8	6,2	6,1	6	6,1
18	5,8	5,5	5,3	5,6	5,7	5,5	5,5
19	5,3	5,3	4,8	5,1	5,2	5	5
20	4,9	4,9	4,3	4,7	4,7	4,5	4,5
22	4,1	4,2	3,5	3,9	4	3,7	3,7
24	3,5	3,5	2,9	3,3	3,3	3,1	3,1
26	3	3	2,4	2,7	2,8	2,6	2,6
28	2,6	2,6	1,9	2,3	2,4	2,1	2,1
30		2,2	1,6	2	2	1,8	1,8
32					1,7	1,5	1,4
34							1,2
36							,9
Horizontal Capacity (t)	2,5	2	1,5	1,8	1,4	1,3	,9
Unpinned Capacity (t)	14,6	11,2	14,9	13,8	10,6	12,7	10,6
Single hook block	4	3	4	4	3	3	3
LK-Code	73	74	75	76	77	78	79
Tele 1 (%)	0	0	90	45	45	90	100
Tele 2 (%)	90	100	90	90	100	90	100
Tele 3 (%)	90	100	90	90	100	90	100
Tele 4 (%)	90	100	90	90	100	90	100
Tele 5 (%)	90	100	90	90	100	90	100
Tele 6 (%)	90	100	45	90	100	90	100

OUTRIGGER REACTION

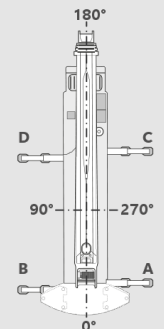
AC 55-City (Standard)

Main boom (without jib in transport or working position)

CONFIGURATION

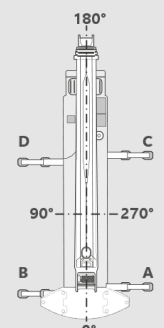
Jib - Configuration [m]	0	Slewing angle	Maximum ground bearing load in service in working area	Number of ropes
Jib - Adjustment angle [°]	0	Hook block [t Lifting load]	Type: 5 t / Weight: 0,13 t	Usable rope length [m]
Boom length [m]	40.0 m	Weight of slings [t]	0.058 t	Underfloor height [m]
Boom extension sequence [%]	100-100-100-100-100-100	Working radius [m]	32.0 m	Center of gravity X (to slewing center [m])
Counterweight [t]	8.8 t	Boom angle [°]	29.6 °	Center of gravity Y (to slewing center [m])
Outrigger base [m]	6.5 m	Lifting load [t] (max. 1.2)	0.8 t	

GROUND FORCES [t]

		Outrigger			
		C	A	B	D
	Slewing angle [°]				
	46.0	0	9	19	10
	134.0	9	0	9	19
	226.0	19	9	0	9
	314.0	10	19	9	0

Maximum ground bearing load in service in working area

At 0 t lifting load

		Outrigger			
		C	A	B	D
	Slewing angle [°]				
	46.0	3	9	15	10
	134.0	9	3	9	16
	226.0	16	9	3	9
	315.0	10	15	9	3

Maximum ground bearing load in service in working area

HOOK BLOCKS - WITH CRANE

Description	Auxiliary hook	Manufacturer's Identification	OK
		55178840	
Branded WLL (kg)	OK	Safety Latches	OK
5000kg		Sheaves and Bearings	N/A
		NA	
Swivel	OK	Hook Shank Retainer	OK
Branded WLL (t)		Branded with Tare Weight (kg)	OK
5t		130kg	

HOOK BLOCKS - WITH CRANE No. 2

Description	3 Sheave Hook Block	Manufacturer's Identification	OK
		15049	
Branded WLL (kg)	OK	Safety Latches	OK
30000kg		Sheaves and Bearings	OK
		3	
Swivel	OK	Hook Shank Retainer	OK
Branded with Tare Weight (kg)	OK		
350kg			

Revolving Frame and Cabin

Frame	OK	Heater	OK
Counterweight Attachment - Security	OK	Air Conditioner	OK
Counterweight Hazard Striping	OK	Gauges	OK
Boom Mounting Lugs	OK	Anti-Two block Alarms	OK
Boom Mounting Pins	OK	Horn	OK
Lift Cylinder Lugs	OK	Tested & Functional	
Lift Cylinder Pins	OK	Access Steps	N/A
Cab Glass and Mirrors	OK	Doors and Locks	OK
Sheet Metal / Guards	OK	Crane Level Indicator	OK
Seat Assembly	OK	Outrigger Controls	OK
Throttle	OK	Cab Mounts	OK
Dead Man Controls	OK	Front Wiper	OK
Tested & Functional		Roof Wiper	REMEDIED
Free Fall Lockout	N/A	Windscreen Wiper / Washer	OK
Decals / Signs - In English	REMEDIED	Switches and Relays	OK
Load Charts in English as per AS1418	OK	Upper Steering	OK
Control Levers - Clearly Marked	OK	Upper Braking	OK
Control Cables / Pilot Hoses	N/A		



ALL TERRAIN CRANE LOAD INDICATOR CERTIFICATION

Certificate Number: NSW202541 CraneSafe Assessment Number: ATC A 202541-16



CraneSafe®

Div of The Crane Industry Council of Australia
ABN 73 002 565 773

PO Box 136
MOUNT WAVERLEY VIC 3149
Phone: +61 (03) 9501 0078
Email: assessments@cranesafe.com.au

Inspection Date: 10/06/2025

Renewal Date: 10/06/2026

Issued Date: 11/06/2025

COMPANY

Kayer Services Pty Ltd

ABN 43 131 191 560

38 Tomah Crescent THE PONDS NSW 2769

REPRESENTATIVE

Mark Sawyer Phone: 0400 301 233

Email: mahdisawyer@gmail.com

ASSESSED BY

Michael Refalo

Reg No: NSW1155

Phone: 0416 227 678

Email: mr.craneworks@outlook.com

COMPANY

Mr Craneworks Pty Ltd

PO Box 413 CRANE BROOK

NSW 2749

Tadano Demag AC55CITY

LOWER HOURS

0

UPPER HOURS

21549

SERIAL NUMBER

15049

PLANT NUMBER

NA

YEAR OF MANUFACTURE

2005

RATED CAPACITY INDICATOR (RCI)

Load Chart Reference Number DEMAG AC55CITY LK CODE 79

PRINTED CHART - NO LOAD

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	54.00	54.50
Boom Length, m	40.00	39.80
Radius, m	20.00	20.00
Load, kg	3,000.00	3,000.00

RATED CAPACITY LIMITER (RCL)

Load Chart Reference Number DEMAG AC55CITY LK CODE 79

RATED LOAD - BOOM FULLY EXTENDED

	Rated Capacity Indicator	Measured
Radius, m	24.70	24.70
Load, kg	1,700.00	1,415.00

RATED LOAD IN STABILITY

	Rated Capacity Indicator	Measured
Radius, m	24.70	24.70
Load, kg	1,700.00	1,415.00

LINE PULL TEST

	Rated Capacity Indicator	Measured
Load, kg	4,600.00	4,495.00

WINCH BRAKE TEST

	Rated Capacity Indicator	Measured
Load, kg	4,600.00	4,495.00

At the time of test, the load indicator was reading in accordance with the requirements of AS1418.1 & AS1418.5 and the load charts supplied with the crane


Michael Refalo