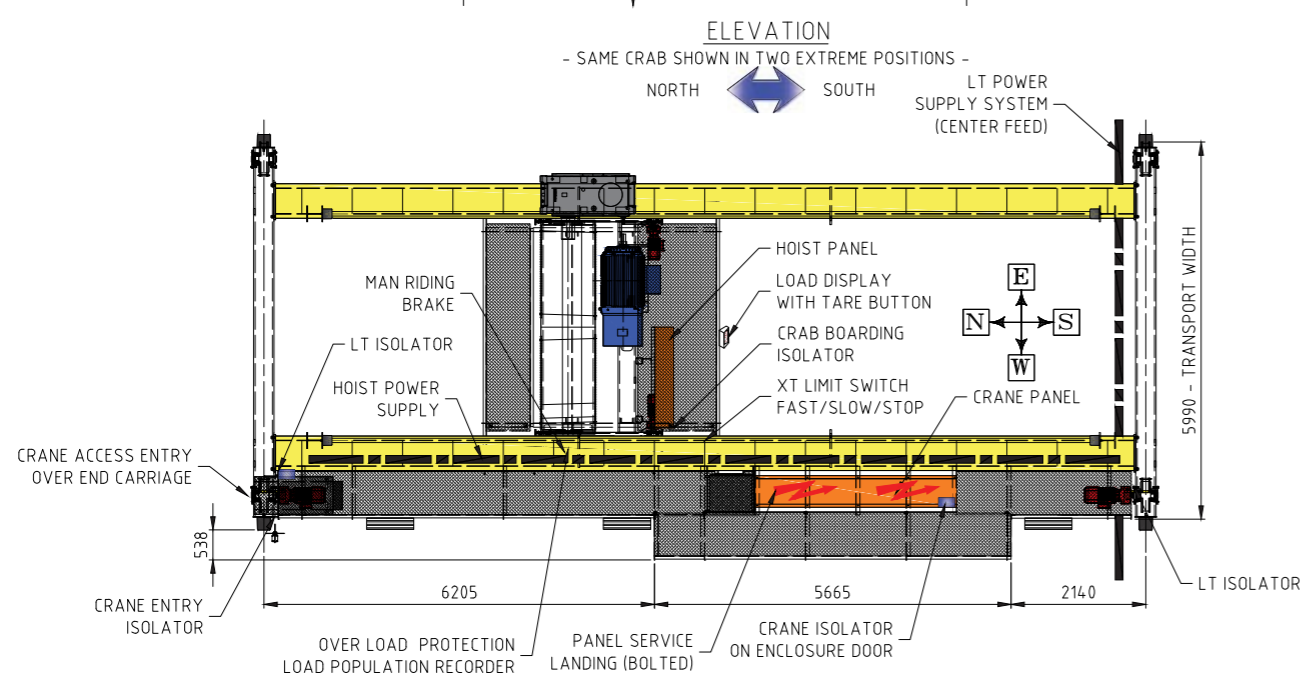
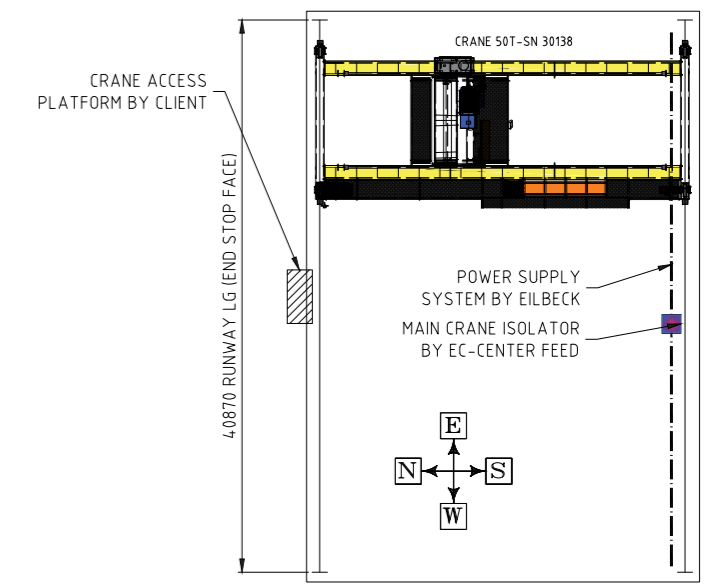
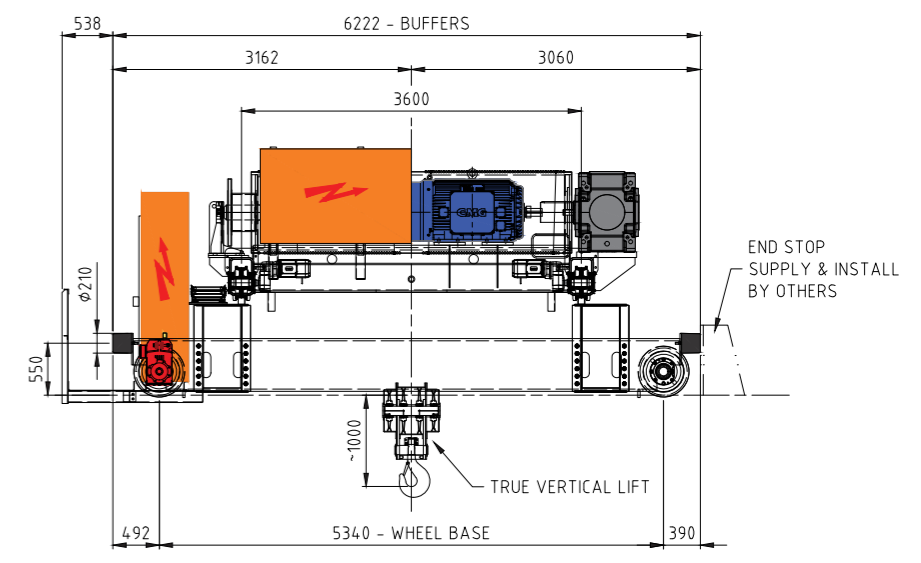
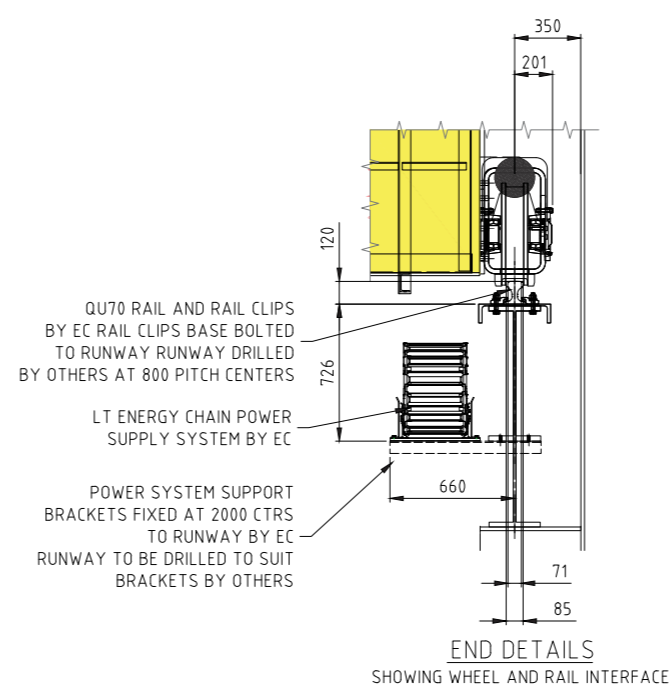


**WHEEL LOADING (AS14.18.1)**

VERTICAL		LATERAL (ACROSS RAIL)	
- MIN STATIC	: 85 KN	- INERTIA (Ph21)	: 11 KN
- MAX STATIC	: 315 KN	- INERTIA (Pj)	: 20 KN
- MAX DYNAMIC	: 360 KN	- SKEWING (Yz1)	: 4.2 KN
LONGITUDINAL (ALONG RAIL)		- SKEWING (Y1)	: 12 KN
- INERTIA (Tr)	: 30 KN		
- BUFFER FORCE	: 55 KN		



**TECHNICAL SPECIFICATION**

- CRANE BRIDGE**  
 RATED CAPACITY : 50 t (INCLUDING KIBBLE)  
 CRANE SPAN : 14010 mm  
 CRANE TYPE/MODEL : ZLK-EC  
 MANUFACTURER : EILBECK CRANES  
 STRUCTURAL CLASS : S4 (AS 14.18.1)  
 CRANE SPEED (LT) : 40-4 m/min (VSD)  
 RUNWAY LENGTH : 40.87 m  
 STRUCTURAL PAINTING : EC STANDARD (SYSTEM E1)  
 CRANE BRIDGE WEIGHT : 15500 kg (w/o HOISTS)
- HOIST**  
 RATED CAPACITY : 50 t (INCLUDING KIBBLE WEIGHT)  
 MODEL : ES10125-92.4/2-155.D.315.40  
 MANUFACTURER : EILBECK CRANES  
 MECHANISM CLASS (AS14.18) : M4 @50T / M6@25T  
 LIFTING SPEED (50T) : 22-2.2 m/min (VSD)  
 LIFTING SPEED (25T) : 35-2.2 m/min (VSD)  
 HOOK DROP : 55 m  
 CRAB SPEED (CT) : 20-2 m/min (VSD)  
 PAINTING : EC SYSTEM H1  
 CRAB WEIGHT : 14500 kg  
 TOTAL UTILIZATION HOURS AT FULL LOAD (50T) : 800 HOURS
- MAN RIDING MODE:**  
 CAPACITY : 2000 kg  
 LIFTING SPEED : 10 m/min  
 MECHANISM CLASS : M6
- GENERAL:**  
 GROUP CLASS : C4 (AS 14.18.1)  
 CONTROL : RADIO CONTROL  
 POWER DEMAND : 265 kW  
 SUPPLY VOLTAGE : 415V (±6%) / 50Hz / 3PH+E  
 MOTORS DUTY (ED) : 100% - S1  
 CONTROL VOLTAGE : 24 VDC  
 OPERATING LOCATION : INDOORS  
 PROTECTION TYPE : IP55  
 AMBIENT TEMPERATURE : 0-45°  
 TOTAL CRANE WEIGHT : 30000 kg  
 EC SERIAL No. : 30138



DESIGN REFERENCES		APPROVAL FOR CONSTRUCTION		CLIENT		DWG TITLE	
STRUCTURAL REF	26710-EDC-100	CHECKED	.....	PROJECT	JOHN HOLLAND Pty Ltd	50T MRC OVERHEAD CRANE 'ZLK'	
STRUCTURAL BY	NB	APPROVED	.....	EQUIPMENT ID	MELBOURNE METRO TUNNEL EARLY WORKS PROJECT	ASSEMBLY AND ARRANGEMENT DRAWINGS	
REGO BODY	WORKSAFE VIC.	DATE	.....		A 'BECKETT STREET SHAFT CRANE 1 - 50T	CRANE GENERAL ARRANGEMENT - CN100	
MECHANICAL	TH	SIGNED	.....	SCALE SIZE UNITS DWG NO			
ELECTRICAL	AW			NTS A1 mm 35507-DMS-100			
REV	DATE	REVISION DESCRIPTION	DRN	CHK	APP	REV	



IF IN DOUBT PLEASE ASK

200

250

**Eilbeck**  
**CRANES**

**100 Years**  
**100% Australian**

**CRANE DATA**

MANUFACTURER : EILBECK CRANES  
 SERIAL NUMBER : 30138  
 YEAR OF MANUFACTURE : 2017  
 CRANE TYPE/MODEL : ZLK  
 RATED CAPACITY: 50 t  
 CRANE CLASS : C4  
 POWER DEMAND : 270 kW  
 CRANE LONG TRAVEL SPEED : 40-4 m/min

**HOIST DATA**

HOIST MODEL : ES10125-92.4/2-1.55.D.315.20  
 RATED CAPACITY: 50 t  
 HOIST CLASS : M4  
 HOISTING SPEED (50t) : 22-2.2 m/min  
 HOISTING SPEED (25t) : 35-2.5 m/min  
 CRAB CROSS TRAVEL SPEED : 20-2 m/min  
 WIRE ROPE DIAMETER : 24 mm  
 WIRE ROPE LENGTH : 2 OFF - 125m EACH  
 WIRE ROPE CONSTRUCTION : QS816V(G)

**MAN-RIDING MODE**

RATED CAPACITY: 2 t  
 MODE CLASS : M6  
 HOISTING SPEED : 10 m/min MAX.

BRAKE ACTING ON HOIST DRUM ACTIVE ONLY IN PERSONNEL LIFTING MODE. FOR MANUAL RELEASE OF BRAKE DURING EMERGENCY LOWERING OF PERSONNEL REFER TO SIGN ON BRAKE

www.eilbeckcranes.com

7mm HIGH TEXT

35507-DMS-109 \ REV 0

NAME PLATE MATERIAL : S/S GR304  
 NAME PLATE DIMENSIONS : 200x250x0.9  
 TEXT HEIGHT : 5mm (U.O.N.) - LASER ETCHED

REV	DATE	REVISION DESCRIPTION	DRN	CHK	APP
0	20.06.17	ISSUED FOR CONSTRUCTION		TH	TLE

DESIGN REFERENCES	
STRUCTURAL REF	35507-EDC-100
STRUCTURAL BY	NB
REGO BODY	WORKSAFE-VIC
MECHANICAL	TH
ELECTRICAL	AW

APPROVAL FOR CONSTRUCTION	
CHECKED	TH
APPROVED	TLE
DATE	13.06.17
SIGNED	Tony Haouchab

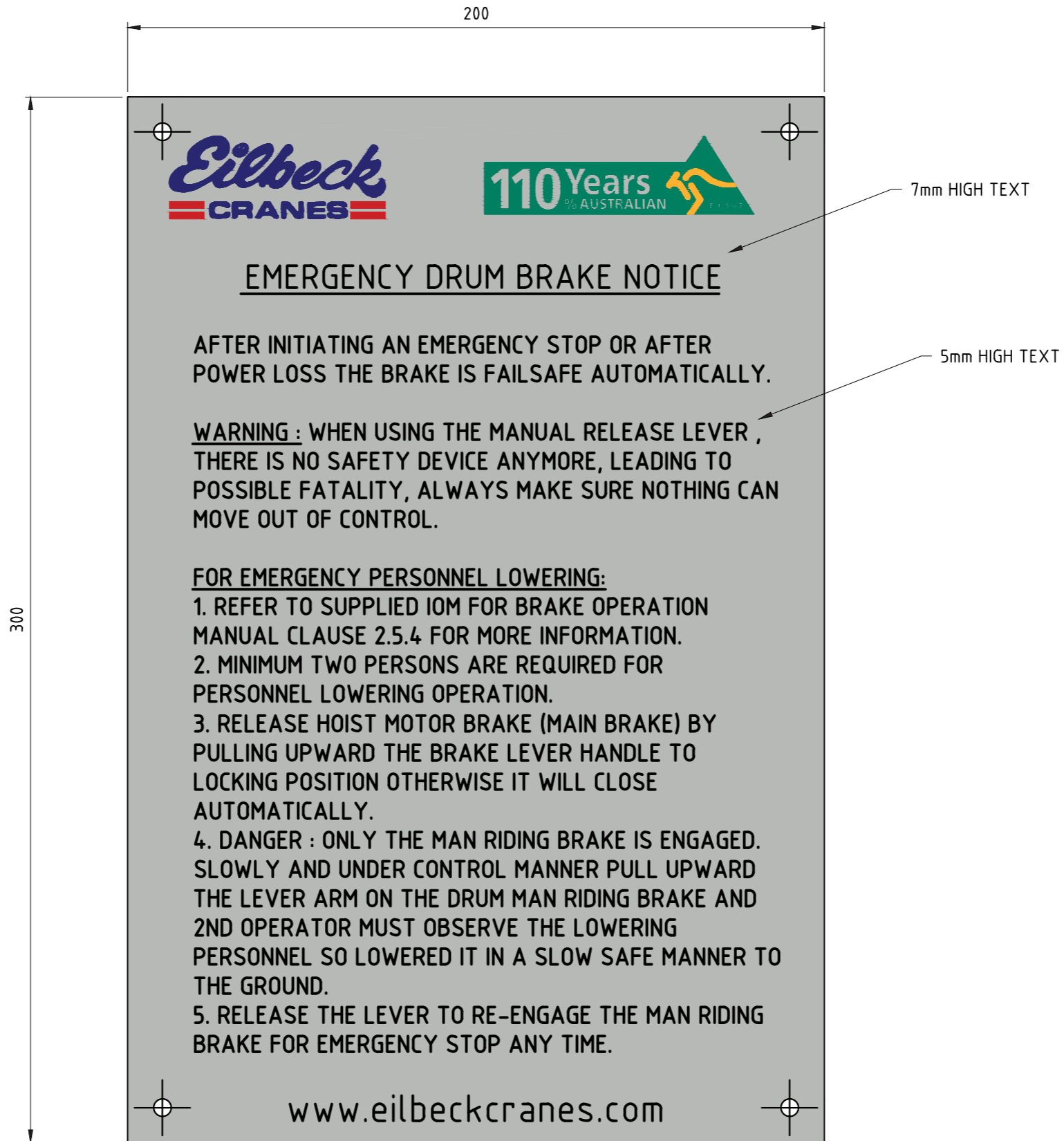
CLIENT **JOHN HOLLAND Pty Ltd**  
 PROJECT MELBOURNE METRO TUNNEL EARLY WORKS  
 EQUIPMENT ID A'BECKET STREET SHAFT CRANE 1

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DWG TITLE		SCALE	SIZE	UNITS	DWG NO	REV
50T MRC OVERHEAD 'ZLK' CRANE ARRANGEMENT AND ASSEMBLIES DRAWINGS CRANE NAME PLATE (MOUNTED ON CRAB)		NTS	A3	mm	35507-DMS-109	\ 0

FILE LOCATION: C:\Program Innovations\John Holland Pty Ltd\Drawings\EDC-35507-DMS-109\Nameplate.dwg

IF IN DOUBT PLEASE ASK



TOTALLY TWO OFF NAME PLATE REQUIRED ,  
 ONE OFF FOR CRANE CN-100  
 ONE OFF FOR CRANE CN-200

NAME PLATE MATERIAL : S/S GR304  
 NAME PLATE DIMENSIONS : 250x300x0.9  
 TEXT HEIGHT : 5mm (U.O.N.) - LASER ETCHED

FILE LOCATION - J:\J3000-VIC\35507-35600\35507-35600\Drawings\1\CAD\6 From Tony\DWG\ECE-35507-DMS-109 (Nameplate).dwg

REV	DATE	REVISION DESCRIPTION	MA DRN	PH CHK	TLE APP
0	20.03.18	ISSUED FOR CONSTRUCTION			

DESIGN REFERENCES	
STRUCTURAL REF	35507-EDC-100
STRUCTURAL BY	NB
REGO BODY	WORKSAFE-VIC
MECHANICAL	TH
ELECTRICAL	AW

APPROVAL FOR CONSTRUCTION	
CHECKED	
APPROVED	TLE
DATE	
SIGNED	<i>[Signature]</i>

CLIENT	JOHN HOLLAND Pty Ltd
PROJECT	MELBOURNE METRO TUNNEL EARLY WORKS
EQUIPMENT ID	A'BECKET STREET SHAFT CRANE 1
copyright by Eilbeck Cranes www.eilbeckcranes.com.au	

DWG TITLE				REV	
50T MRC OVERHEAD 'ZLK' CRANE ARRANGEMENT AND ASSEMBLIES DRAWINGS BRAKE NAME PLATE (MOUNTED ON BRAKE)					
SCALE	SIZE	UNITS	DWG NO		
NTS	A3	mm	35507-DMS-109/B	0	