

Erection, lifting and logistics

Sample drawings

U7-ER-21	Erection stage 1 of 10	A3
U7-ER-40	Lift schedule and lift plan data	A3
U7-ER-41	Lift A: main rafter pair, 30 m span	A3
HY06-LP-011	Load 1: the wagon, timbers, chains and axle loads	A1

Full sample packs and prices on request.

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Sheets flattened for viewing at 150 dpi. Every sheet is a page from a full sample set.

UNIT 7 - ERECTION STAGE 1 OF 10

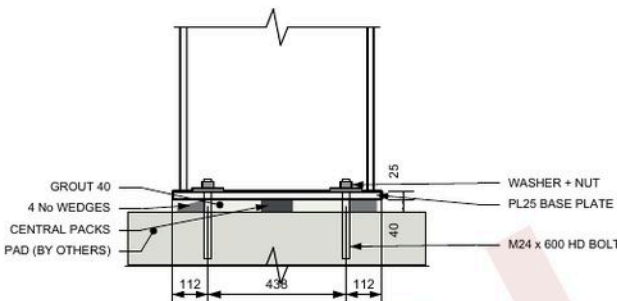
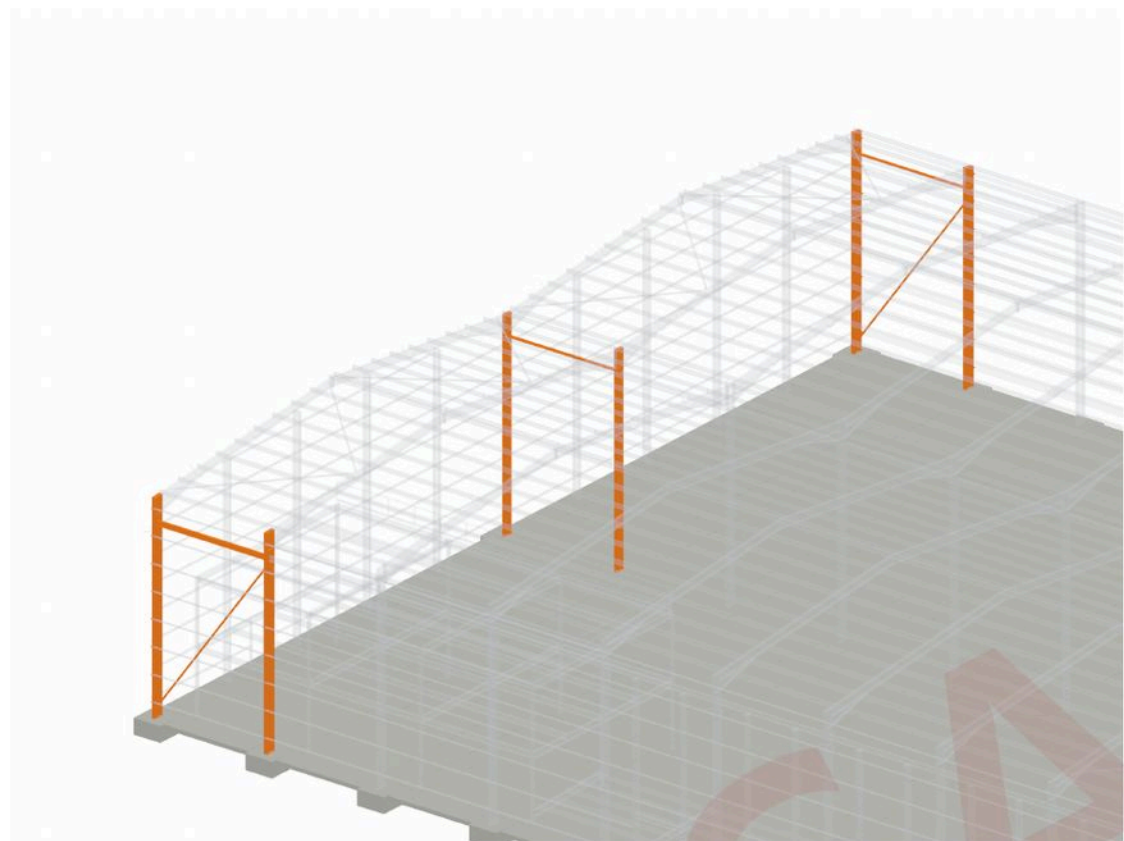
STABLE BOX - COLUMNS AND WALL BRACING, FRAMES 1-2 - SAMPLE - NOT FOR FABRICATION

1

THIS STAGE ORANGE; EARLIER GREY; LATER GHOSTED.

FIXING DOWN - COLUMN BASE

KEY PLAN - STAGE 1 ORANGE, EARLIER GREY



PL25 662 x 279, 4 No M24 HD IN 30 HOLES
PLATE WASHERS 100x100x10, NUT SNUG; GROUT 40 AFTER PLUMBING
CENTRAL PACKS LEVEL OR +3 mm; 4 WEDGES (36/04 pp.34-35)

CONNECTIONS MADE IN THIS STAGE

CONNECTION	No	BOLTS EACH	SITE	SEE
CAP PLATE	4	-	-	CD-01
BASE PLATE	6	4 M24 x 600 HD	26	CD-04
BRACE CLEAT - BRACE	4	2 M20 x 50	10	CD-06
BRACE CLEAT - EAVES STRUT	2	2 M20 x 50	6	CD-06
BRACE CLEAT - VALLEY TIE	2	2 M20 x 50	6	CD-06
FIN PLATE	2	3 M20 x 45	8	CD-10

BOLTS SNUG ON ERECTION; FULLY TIGHTEN AFTER
LINING, LEVELLING AND PLUMBING (36/04 p.33).
SITE = No TO HAVE ON SITE (+5 %, MIN 2).

PIECES IN STAGE 1 - 10.5 t (CUMULATIVE 10.5 t)

MARK	ITEM	QTY	kg EACH	kg TOTAL
C1-610x229x125UB	COLUMN	1	1696	1696
C2-533x210x101UB	COLUMN	1	1369	1369
C3-610x229x125UB	COLUMN	1	1696	1696
C4-610x229x125UB	COLUMN	1	1679	1679
C5-533x210x101UB	COLUMN	1	1352	1352
C6-610x229x125UB	COLUMN	1	1680	1680
BR7-114.3x5CHS	BRACING	2	165	330
B9-305x165x40UB	EAVES BEAM	1	301	301
S1-168.3x6.3CHS	EAVES STRUT	1	179	179
S3-168.3x6.3CHS	VALLEY TIE	1	180	180

HEAVIEST SINGLE PIECE 1696 kg

METHOD

- SET THE PACKS ON EVERY BASE: ONE CENTRAL PILE, LEVEL OR 3 mm HIGH, AND 4 WEDGES (BCSA 36/04 pp.34-35).
- LIFT THE SIX COLUMNS OF FRAMES 1 AND 2 IN TURN. SNUG THE HD NUTS, PLUMB, HOLD IN THE CRANE UNTIL TIED.
- FIT AT ONCE: WALL BRACING BAY 1 ON GRIDS A AND C, THE EAVES BEAM (A), EAVES STRUT (C) AND VALLEY TIE (B).

STABILITY AT THE END OF THE STAGE

END OF STAGE: SIX COLUMNS TIED IN PAIRS BY THE BRACING AND EAVES MEMBERS - NO FREE-STANDING COLUMN.

BASES

PACKS: ONE CENTRAL PILE, LEVEL OR +3 mm, PLUS 4 WEDGES - WEDGES ARE NOT OPTIONAL; MIN 4 HD BOLTS; RECORD THE PACKS PER BASE; GROUT ONLY AFTER LINING AND PLUMBING (BCSA 36/04 pp.34-35, 39/05 p.21).

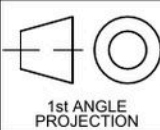
TEMPORARY WORKS

VALLEY COLUMNS F1-B, F2-B (PINNED BASES): GUY UNTIL THE RAFTERS ARE IN, TO THE ERECTOR'S TEMPORARY WORKS DESIGN (BCSA 36/04 p.15).

WIND (BCSA 39/05)

ERECTION STOPS AT A 12.0 m/s GUST (27 mph); ALL EXTERNAL WORK AT 18.0 m/s (40 mph) (p.5). MOBILE TELESCOPIC CRANES FORCE 4, CRAWLERS FORCE 5 (p.13). 12.5 m COLUMNS: KEEP IN THE CRANE UNTIL TIED ABOVE 7.5 m/s (p.20 EXAMPLE - ENGINEER TO CONFIRM). NO SINGLE COLUMN UNTIED FOR OVER 1 HOUR (p.7).

- NOTES**
- INDICATIVE SEQUENCE: THE ERECTOR'S METHOD STATEMENT AND LIFT PLANS GOVERN.
 - MARKS AS THE MARK REGISTER (MR) AND THE ERECTION PLANS (ER-01, ER-02).
 - NO FREE-STANDING COLUMN AT THE END OF A SHIFT (BCSA 36/04 p.33).
 - EXCLUSION ZONE 1.5 x COLUMN HEIGHT ROUND A BASE BEING ERECTED (39/05 p.15).
 - LIFTS: SCHEDULE ER-40, LIFT SHEETS ER-41 TO ER-45, LIFT REGISTER ER-51 ON (BCSA 47/09).



QUALITY RECORD (BY THE FABRICATOR)			
STAGE	OPERATION	NAME	DATE
1	FABRICATED BY		
2	CHECKED BY		
3	WELDED BY		
4	FETTLER BY		
5	FINAL INSPECTION		

P01	SAMPLE - NOT FOR FABRICATION	JP	OCT 2026
REV	DESCRIPTION	BY	DATE

PROCEDURE REF:-	
FABRICATOR'S WPS	
EXECUTION CLASS 2	

NOTES:
1. ALL WORKING TO BS EN ISO 9001:2015
2. ALL WORKING TO BS EN ISO 9001:2015
3. ALL WORKING TO BS EN ISO 9001:2015
4. ALL WORKING TO BS EN ISO 9001:2015
5. ALL WORKING TO BS EN ISO 9001:2015
6. ALL WORKING TO BS EN ISO 9001:2015
7. ALL WORKING TO BS EN ISO 9001:2015
8. ALL WORKING TO BS EN ISO 9001:2015
9. ALL WORKING TO BS EN ISO 9001:2015
10. ALL WORKING TO BS EN ISO 9001:2015

JPA DESIGN			
STEEL & ALUMINIUM DETAILING			
FABRICATION DRAWINGS			
DETAILED TO THE ENGINEER'S AND ARCHITECT'S DESIGN			
DRAWN	CHECKED	DATE	SCALE @ A3
JPA		OCT 2026	NTS

DESCRIPTION:		
UNIT 7 - ERECTION STAGE 1 OF 10		
CONTRACT:		
UNIT 7 DISTRIBUTION CENTRE (SAMPLE)		
PROJECT No	DRAWING No	ISSUE
U7	U7-JPA-ZZ-XX-DR-S-ER-21	P01

578 LIFTS IN 7 TYPES - BCSA 47/09 - SAMPLE - NOT FOR FABRICATION

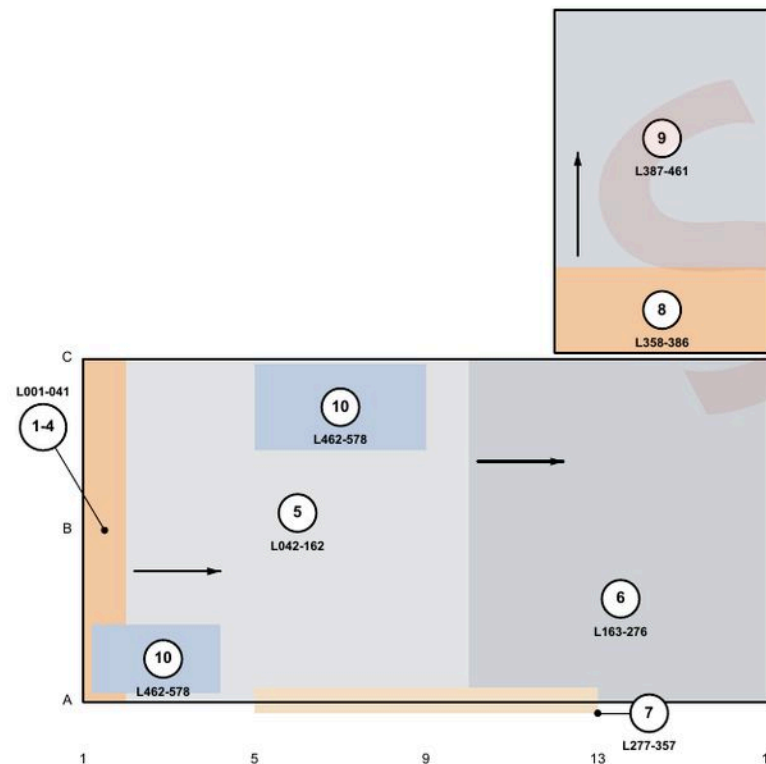
TYPE	DESCRIPTION	LIFTS	HEAVIEST	LOAD kg	RIGGING	CATEGORY	STAGES	SHEET
A	MAIN RAFTER PAIRS - 30 m SPAN, ONE CRANE	34	L026 R5 + R6	3,410	2-LEG CHAIN, LEGS CHOKED AT THE LIFT POINTS; HAND LINE EACH END	STANDARD	3,5-6	ER-41
B	WING RAFTER PAIRS - 37.5 m SPAN, TWO CRANES	9	L448 R19 + R20	4,580	TANDEM; A 2-LEG CHAIN PER CRANE, ONE ON EACH HALF; HAND LINES; APEX RESTRAINT	COMPLEX	8-9	ER-42
C	COLUMNS	69	L003 C3-610x229x125UB	1,760	SINGLE LEG CHAIN CHOKED UNDER THE CAP PLATE; TAILED UP; HAND LINE ON THE FOOT	BASIC	1,5-6,8-9	ER-43
D	GABLE POSTS AND DOOR POSTS	46	L013 GP2-457x191x67UB	960	SINGLE LEG, QUICK-RELEASE SHACKLE IN A WEB HOLE; TAILED UP; HAND LINE	BASIC	2,6-7,9	ER-44
E	BEAMS, STRUTS, TIES, ARMS AND BRACING	127	L325 B13-406x178x60UB	380	2-LEG CHAIN AT THE POINT OF BALANCE; TAIL LINE	BASIC	1,4-9	ER-45
F	PURLINS AND RAILS - BUNDLES	176	L021 SR4	1,110	2-LEG CHAIN ROUND THE BANDED BUNDLE AT THE BALANCE	BASIC	2,4-9	THIS SHEET
G	MEZZANINE, OFFICE AND GUARDING	117	L482 B2-457x191x67UB	520	2-LEG CHAIN AT THE POINT OF BALANCE	BASIC	10	THIS SHEET

LIFT DETAILS - BCSA 47/09 APPENDIX A (p.21): STEEL DESIGNER'S ROWS FILLED, CRANE ROWS FOR THE AP

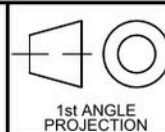
LIFT DETAILS	A	B	C	D	E	F	G
DESCRIPTION OF LOAD	RAFTER PAIR	WING RAFTER PAIR	COLUMN	POST	BEAM	BUNDLE	FLOOR STEEL
MAX WEIGHT OF LOAD AS ADVISED (kg)	3,410	4,580	1,760	960	380	1,110	520
RADIUS AT WHICH LOAD IS PLACED (m)							
BOOM LENGTH (m)							
SWL AT THE RADIUS (kg)							
HOOK BLOCK + LIFTING EQUIPMENT (kg)							
MAX AVAILABLE CAPACITY FOR THE LOAD (kg)							
ACCEPTABLE (YES / NO)							

STAGE	STAGE	LIFT Nos	LIFTS	t	HEAVIEST	BY TYPE
1	STABLE BOX - COLUMNS AND WALL BRACING, FRAMES 1-2	L001-011	11	10.8	L003 1,760 kg	C x6 E x5
2	GABLE 1 - POSTS AND GABLE RAILS	L012-023	12	9.8	L020 1,110 kg	D x10 F x2
3	RAFTERS - FRAMES 1 AND 2	L024-027	4	13.6	L026 3,410 kg	A x4
4	ROOF BRACING, PURLINS AND RAILS BAY 1 - STABLE BOX COMPLETE	L028-041	14	3.7	L036 490 kg	E x8 F x6
5	FRAMES 3-10 - TO THE SECOND ROOF-BRACED BAY	L042-162	121	120.4	L155 3,410 kg	A x16 C x24 E x33 F x48
6	FRAMES 11-17 AND GABLE 2	L163-276	114	113.9	L266 3,410 kg	A x14 C x21 D x10 E x30 F x39
7	DOCK DOORS AND CANOPY	L277-357	81	19.3	L334 800 kg	D x16 E x17 F x48
8	WING - STABLE BOX, FRAMES WF1-WF3	L358-386	29	28.0	L369 4,580 kg	B x3 C x6 E x12 F x8
9	WING - FRAMES WF4-WF9 AND THE NORTH GABLE	L387-461	75	67.0	L448 4,580 kg	B x6 C x12 D x10 E x22 F x25
10	MEZZANINE, OFFICE AND GUARDING	L462-578	117	40.6	L480 520 kg	G x117

LIFT	STAGE	ITEM	MARKS	LOCATION	LOAD kg	NOTE
L369	8	WING RAFTER PAIR	R16 + R16X	WF2-R L+R	4,580	TANDEM: EACH CRANE ITS HALF
L448	9	WING RAFTER PAIR	R19 + R20	WF9-R L+R	4,580	TANDEM: EACH CRANE ITS HALF
L431	9	WING RAFTER PAIR	R18 + R18X	WF8-R L+R	4,570	TANDEM: EACH CRANE ITS HALF
L382	8	WING RAFTER PAIR	R17 + R17	WF3-R L+R	4,560	TANDEM: EACH CRANE ITS HALF
L391	9	WING RAFTER PAIR	R17 + R17	WF4-R L+R	4,560	TANDEM: EACH CRANE ITS HALF
L400	9	WING RAFTER PAIR	R17 + R17	WF5-R L+R	4,560	TANDEM: EACH CRANE ITS HALF
L409	9	WING RAFTER PAIR	R17 + R17	WF6-R L+R	4,560	TANDEM: EACH CRANE ITS HALF
L418	9	WING RAFTER PAIR	R17 + R17	WF7-R L+R	4,560	TANDEM: EACH CRANE ITS HALF
L360	8	WING RAFTER PAIR	R15 + R15X	WF1-R L+R	4,550	TANDEM: EACH CRANE ITS HALF
L026	3	RAFTER PAIR	R5 + R6	F2-R1 L+R	3,410	
L027	3	RAFTER PAIR	R5X + R5X	F2-R2 L+R	3,410	
L155	5	RAFTER PAIR	R5 + R6	F10-R1 L+R	3,410	



1. INDICATIVE: THE STEEL DESIGNER'S DATA FOR THE AP, THE AP'S LIFT PLANS, RISK ASSESSMENTS AND THE ERECTOR'S METHOD STATEMENT GOVERN (BCSA 47/09 s.7).
2. BASIC AND STANDARD LIFTS: ONE GENERIC PLAN PER TYPE FOR THE WORST CASE (47/09 p.15). COMPLEX LIFTS: A SPECIFIC PLAN EACH.
3. EVERY LIFT IN ERECTION ORDER: THE LIFT REGISTER, STAGES: ER-21 TO ER-30. MARKS: MR-01 TO MR-03.



					QUALITY RECORD (BY THE FABRICATOR)			
					STAGE	OPERATION	NAME	DATE
					1	FABRICATED BY		
					2	CHECKED BY		
					3	WELDED BY		
					4	FETTLED BY		
					5	FINAL INSPECTION		
P01	SAMPLE - NOT FOR FABRICATION			JP	OCT 2018			
REV	DESCRIPTION			BY	DATE			

EXECUTION CLASS 2	
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1	ALL WELDING TO BS EN ISO 3834, EXECUTION CLASS 1
2	FOR EN 10025-2, U.S.A. S275 (BS EN 10025)
3	MATERIALS CONFORM TO NATIONAL STRUCTURAL
4	STEEL WELDS SPECIFICATION, SECTION 1
5	STEEL WELDS 5mm U.S.A. TO THE FABRICATORS
6	CONFORMING TO BS EN ISO 1461 (85 MICRONS
7	POWDER COATING TO BS EN 1348 ON GALVANIZED
8	STEEL AS DRAWING 1463 NOT TO BE SCALED

DRAWN JPA	CHECKED	DATE OCT 2026	SCALE @ NTS
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DESCRIPTION :		
UNIT 7 - LIFT SCHEDULE AND LIFT PLAN DATA		
CONTRACT :		
UNIT 7 DISTRIBUTION CENTRE (SAMPLE)		
PROJECT No	DRAWING No	ISSUE
U7	U7-JPA-ZZ-XX-DR-S-ER-40	P01

UNIT 7 - LIFT A - MAIN RAFTER PAIRS - 30 m SPAN, ONE CRANE

WORST CASE L026: RAFTER PAIR, R5 + R6 - SAMPLE - NOT FOR FABRICATION

LIFT DATA

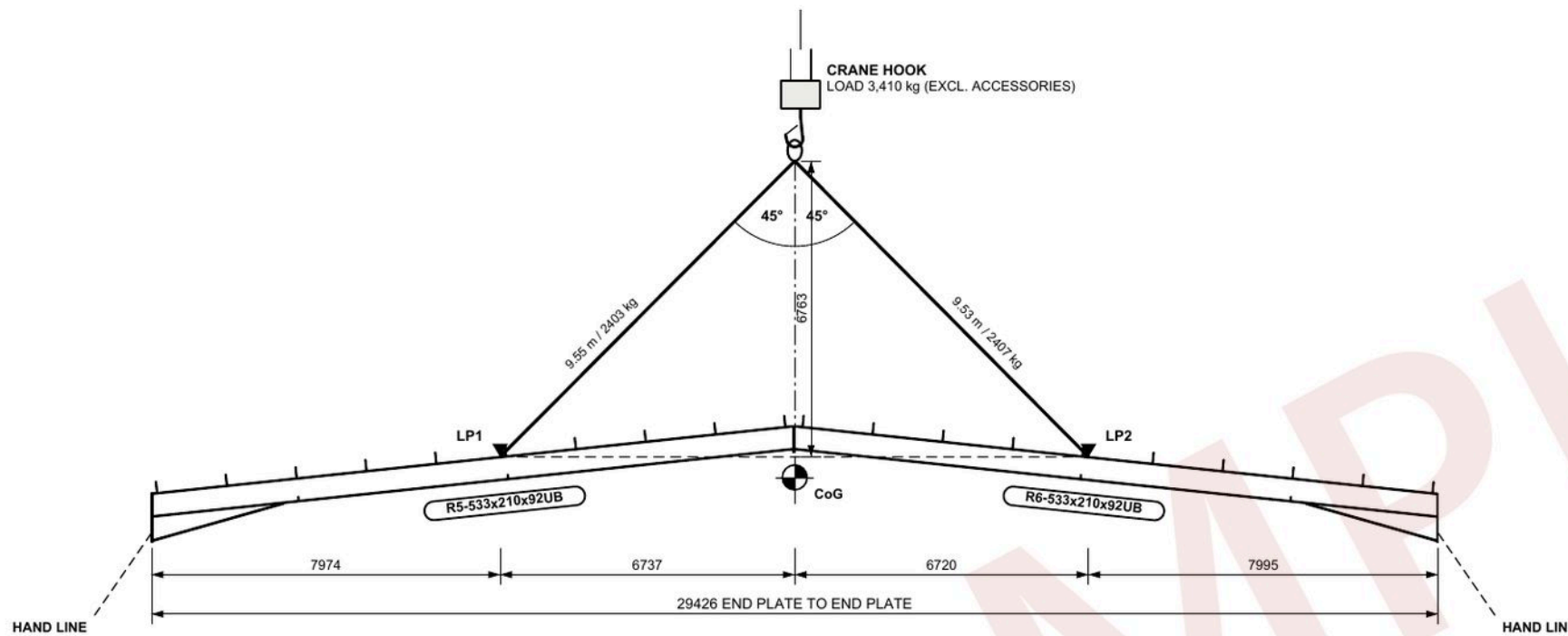
LIFT	L026 F2-R1 L+R (WORST CASE OF LIFT A)
ITEM	RAFTER PAIR, APEX BOLTED: 10 No M24 x 90 8.8
MARKS	R5-533x210x92UB + R6-533x210x92UB
LENGTH	29426 END PLATE TO END PLATE, 29431 OVERALL
STEEL (MODEL)	3305 kg - MEMBERS, PLATES, APEX BOLTS, 8 FLY BRACES
LOAD TO BE LIFTED	3,410 kg (+3 %)
CoG	14711 FROM THE LEFT END PLATE, 470 BELOW THE LIFT POINTS
LIFT POINTS	LP1 6738 LEFT OF THE CoG, LP2 6720 RIGHT OF THE CoG
HOOK	6763 ABOVE THE LIFT POINTS, PLUMB OVER THE CoG
LEG 1	9.55 m AT 45 DEG: 2403 kg (23.6 kN)
LEG 2	9.53 m AT 45 DEG: 2407 kg (23.6 kN)
ATTITUDE	AS ERECTED - LOAD HANGS STABLE (CoG BELOW THE LIFT POINTS)
CATEGORY	STANDARD - LONG LOAD OVER THE PART-ERECTED FRAME, ERECTORS AT BOTH ENDS (47/09 s.6.2)

LIFTS COVERED - ONE PLAN, WORST CASE (47/09 p.15)

MARKS	No	MAX kg	LIFT Nos
R5 + R6	2	3,410	L026, L155
R6X + R5X	2	3,410	L027, L156
R11 + R12	1	3,410	L266
R13 + R14	1	3,410	L267
R1 + R2	1	3,400	L024
R3 + R4	1	3,400	L025
R7 + R8	11	3,400	L048, L062, L076, L090, L105, L119, L169, L...
R8 + R7	11	3,400	L049, L063, L077, L091, L106, L120, L170, L...
R9 + R10	2	3,400	L133, L236
R10X + R9X	2	3,400	L134, L237

FOR THE APPOINTED PERSON (47/09 APPENDIX A)

CRANE / HIRE COMPANY	
RADIUS / BOOM LENGTH	m / m
SWL AT THE RADIUS	kg
HOOK BLOCK + ACCESSORIES	kg
MAX CAPACITY FOR THE LOAD	kg
ACCEPTABLE	YES / NO
AUTHORISED BY (AP / CS)	
DATE	

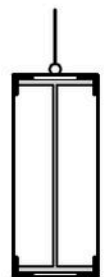


LIFT ELEVATION - F2-R1 L+R (L026)

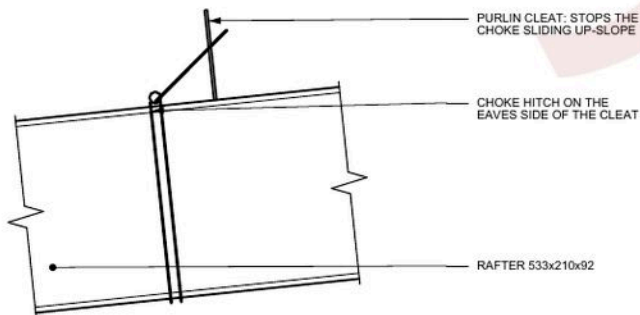
1:150 @ A3 - HOOK, LINKS AND CHAINS SCHEMATIC

DETAIL 1 - LIFT POINT

1:20



SECTION
CORNER PROTECTION
AT THE FLANGE TIPS



SIDE VIEW AT LP1

METHOD

1. BOLT THE TWO HALVES TOGETHER ON THE GROUND; APEX BOLTS FULLY TIGHTENED BEFORE THE LIFT (36/04 p.36).
2. FLY BRACES (WIND STAYS) LOOSELY BOLTED TO THEIR CLEATS FIRST; PURLIN BOLTS MAY SIT LOOSE IN THE CLEATS (p.36).
3. LIFT AT THE BALANCE POINT - PITCH 6 DEG, UNDER 10: THE PAIR HANGS AS ERECTED; TRIM WITH THE LEG SHORTENERS.
4. ONE CRANE: A 30 m SPAN IS UNDER THE 35 m WHERE TWO OR MORE ARE USUAL (p.36).
5. HAND LINE AT EACH END AGAINST SPIN (pp.34, 36). LAND ON THE COLUMNS, SNUG THE EAVES AND VALLEY END PLATES, RELEASE.

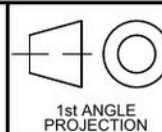
RIGGING (BCSA 36/04 s.7.3.2 p.34)

CHAINS IN PREFERENCE TO FABRIC SLINGS; MULTI-LEG SLINGS TO KEEP THE LOAD IN ITS ATTITUDE. CHAINS NOT TRAPPED BY THE STEEL; RINGS ON THE HOOK, NEVER WRAPPED ROUND IT; LOAD IN THE BOWL, NOT ON THE TIP; NO SNATCH.

LEGS LAID OUT AT 45 DEG OR LESS TO THE VERTICAL. CHAIN WLL FOR THE MODE (ANGLE, CHOKE) BY THE AP.

NOTES

1. INDICATIVE: THE STEEL DESIGNER'S DATA FOR THE AP'S LIFT PLAN (BCSA 47/09 s.7), THE AP'S PLAN, RISK ASSESSMENT AND THE ERECTOR'S METHOD STATEMENT GOVERN.
2. WEIGHTS FROM THE MODEL (MEMBERS, PLATES, BOLTS FITTED) + 3 % FOR WELDS AND COATINGS; CoG FROM THE MODEL PARTS.
3. LEG LOADS BY STATICS ONLY - CHAIN SIZE, GRADE AND MODE FACTORS (ANGLE, CHOKE) BY THE AP; NOT CHECKED HERE.
4. LIFT NUMBERS: THE LIFT REGISTER. ERECTION STAGES: ER-21 TO ER-30. WIND LIMITS: BCSA 39/05 p.5.



1st ANGLE
PROJECTION

QUALITY RECORD (BY THE FABRICATOR)		PROCEDURE REF:-	
STAGE	OPERATION	NAME	DATE
1	FABRICATED BY		
2	CHECKED BY		
3	WELDED BY		
4	FITTED BY		
5	FINAL INSPECTION		

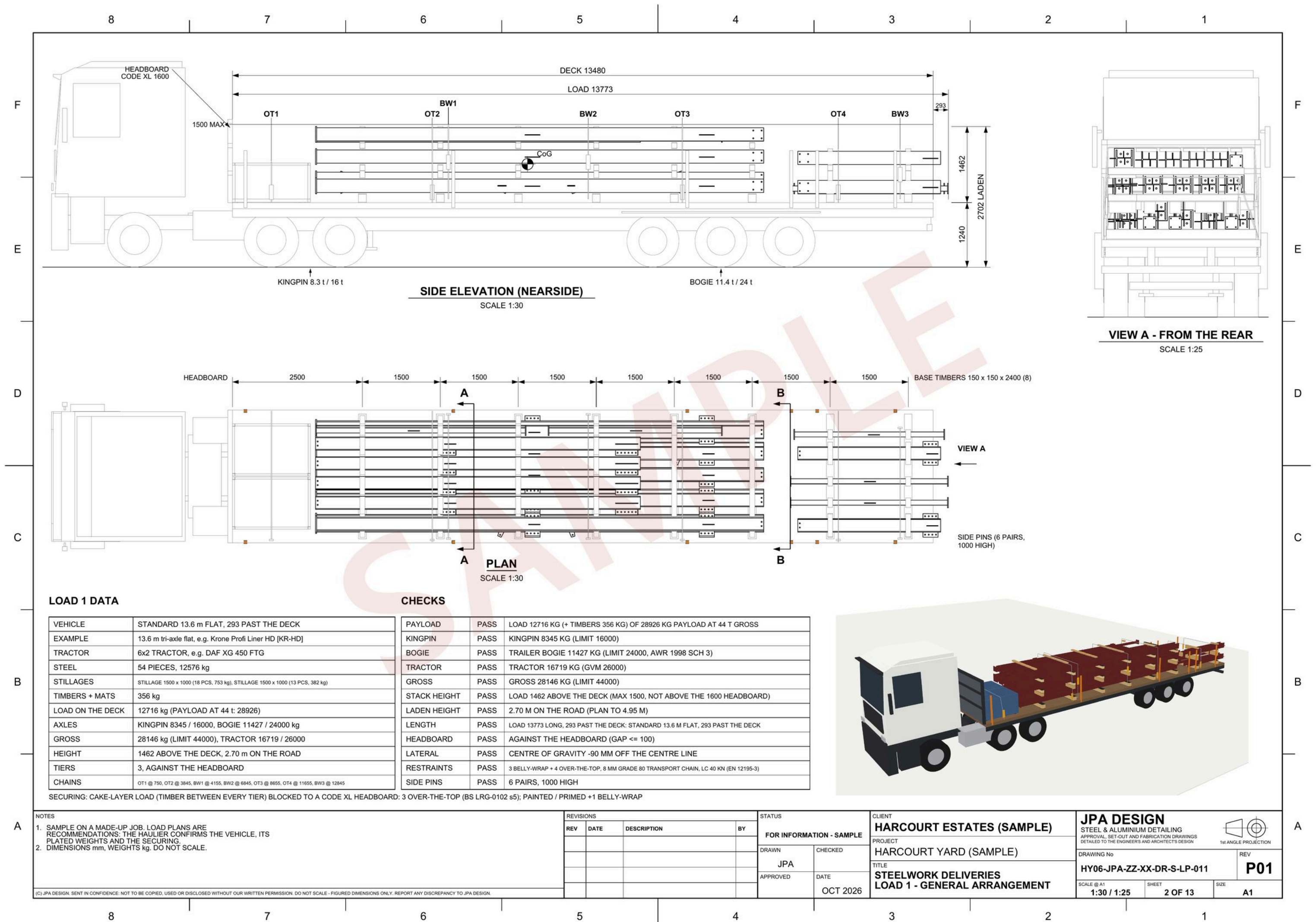
P01	SAMPLE - NOT FOR FABRICATION	JP	OCT 2026
REV	DESCRIPTION	BY	DATE

FABRICATOR'S WPS	
EXECUTION CLASS 2	

1. ALL WORKING TO BS EN ISO 3834, EXECUTION CLASS 2
2. NO FIELD JOINTS IN THE MAIN MEMBERS
3. ALL WELDS TO BE MADE TO THE NATIONAL STRUCTURAL
4. ALL WELDS TO BE MADE TO THE NATIONAL STRUCTURAL
5. ALL WELDS TO BE MADE TO THE NATIONAL STRUCTURAL
6. ALL WELDS TO BE MADE TO THE NATIONAL STRUCTURAL
7. ALL WELDS TO BE MADE TO THE NATIONAL STRUCTURAL
8. ALL WELDS TO BE MADE TO THE NATIONAL STRUCTURAL
9. ALL WELDS TO BE MADE TO THE NATIONAL STRUCTURAL
10. ALL WELDS TO BE MADE TO THE NATIONAL STRUCTURAL

JPA DESIGN	
STEEL & ALUMINIUM DETAILING	
FABRICATION DRAWINGS	
DETAILED TO THE ENGINEER'S AND	
ARCHITECT'S DESIGN	
DRAWN	CHECKED
JPA	
DATE	SCALE @ A3
OCT 2026	AS SHOWN

DESCRIPTION:	
UNIT 7 - LIFT A - MAIN RAFTER PAIRS - 30 m SPAN, ONE CRANE	
CONTRACT:	
UNIT 7 DISTRIBUTION CENTRE (SAMPLE)	
PROJECT No	DRAWING No
U7	U7-JA-ZZ-XX-DR-S-ER-41
ISSUE	P01



LOAD 1 DATA

VEHICLE	STANDARD 13.6 m FLAT, 293 PAST THE DECK
EXAMPLE	13.6 m tri-axle flat, e.g. Krone Profi Liner HD [KR-HD]
TRACTOR	6x2 TRACTOR, e.g. DAF XG 450 FTG
STEEL	54 PIECES, 12576 kg
STILLAGES	STILLAGE 1500 x 1000 (18 PCS, 753 kg), STILLAGE 1500 x 1000 (13 PCS, 382 kg)
TIMBERS + MATS	356 kg
LOAD ON THE DECK	12716 kg (PAYLOAD AT 44 t: 28926)
AXLES	KINGPIN 8345 / 16000, BOGIE 11427 / 24000 kg
GROSS	28146 kg (LIMIT 44000), TRACTOR 16719 / 26000
HEIGHT	1462 ABOVE THE DECK, 2.70 m ON THE ROAD
TIER	3, AGAINST THE HEADBOARD
CHAINS	OT1 @ 750, OT2 @ 3845, BW1 @ 4155, BW2 @ 6845, OT3 @ 8655, OT4 @ 11655, BW3 @ 12845

CHECKS

PAYLOAD	PASS	LOAD 12716 KG (+ TIMBERS 356 KG) OF 28926 KG PAYLOAD AT 44 T GROSS
KINGPIN	PASS	KINGPIN 8345 KG (LIMIT 16000)
BOGIE	PASS	TRAILER BOGIE 11427 KG (LIMIT 24000, AWR 1998 SCH 3)
TRACTOR	PASS	TRACTOR 16719 KG (GVM 26000)
GROSS	PASS	GROSS 28146 KG (LIMIT 44000)
STACK HEIGHT	PASS	LOAD 1462 ABOVE THE DECK (MAX 1500, NOT ABOVE THE 1600 HEADBOARD)
LADEN HEIGHT	PASS	2.70 M ON THE ROAD (PLAN TO 4.95 M)
LENGTH	PASS	LOAD 13773 LONG, 293 PAST THE DECK: STANDARD 13.6 M FLAT, 293 PAST THE DECK
HEADBOARD	PASS	AGAINST THE HEADBOARD (GAP <= 100)
LATERAL	PASS	CENTRE OF GRAVITY -90 MM OFF THE CENTRE LINE
RESTRAINTS	PASS	3 BELLY-WRAP + 4 OVER-THE-TOP, 8 MM GRADE 80 TRANSPORT CHAIN, LC 40 KN (EN 12195-3)
SIDE PINS	PASS	6 PAIRS, 1000 HIGH

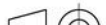
SECURING: CAKE-LAYER LOAD (TIMBER BETWEEN EVERY TIER) BLOCKED TO A CODE XL HEADBOARD: 3 OVER-THE-TOP (BS LRG-0102 s5); PAINTED / PRIMED +1 BELLY-WRAP

- NOTES
- SAMPLE ON A MADE-UP JOB. LOAD PLANS ARE RECOMMENDATIONS: THE HAULIER CONFIRMS THE VEHICLE, ITS PLATED WEIGHTS AND THE SECURING.
 - DIMENSIONS mm, WEIGHTS kg. DO NOT SCALE.

REVISIONS				STATUS	
REV	DATE	DESCRIPTION	BY	FOR INFORMATION - SAMPLE	

STATUS	
FOR INFORMATION - SAMPLE	
DRAWN	CHECKED
JPA	
APPROVED	DATE
	OCT 2026

CLIENT	HARCOURT ESTATES (SAMPLE)
PROJECT	HARCOURT YARD (SAMPLE)
TITLE	STEELWORK DELIVERIES LOAD 1 - GENERAL ARRANGEMENT

JPA DESIGN			
STEEL & ALUMINIUM DETAILING			
APPROVAL, SET-OUT AND FABRICATION DRAWINGS DETAILED TO THE ENGINEERS AND ARCHITECTS DESIGN			
DRAWING No			1st ANGLE PROJECTION
HY06-JPA-ZZ-XX-DR-S-LP-011			REV
			P01
SCALE @ A1	SHEET	SIZE	
1:30 / 1:25	2 OF 13	A1	