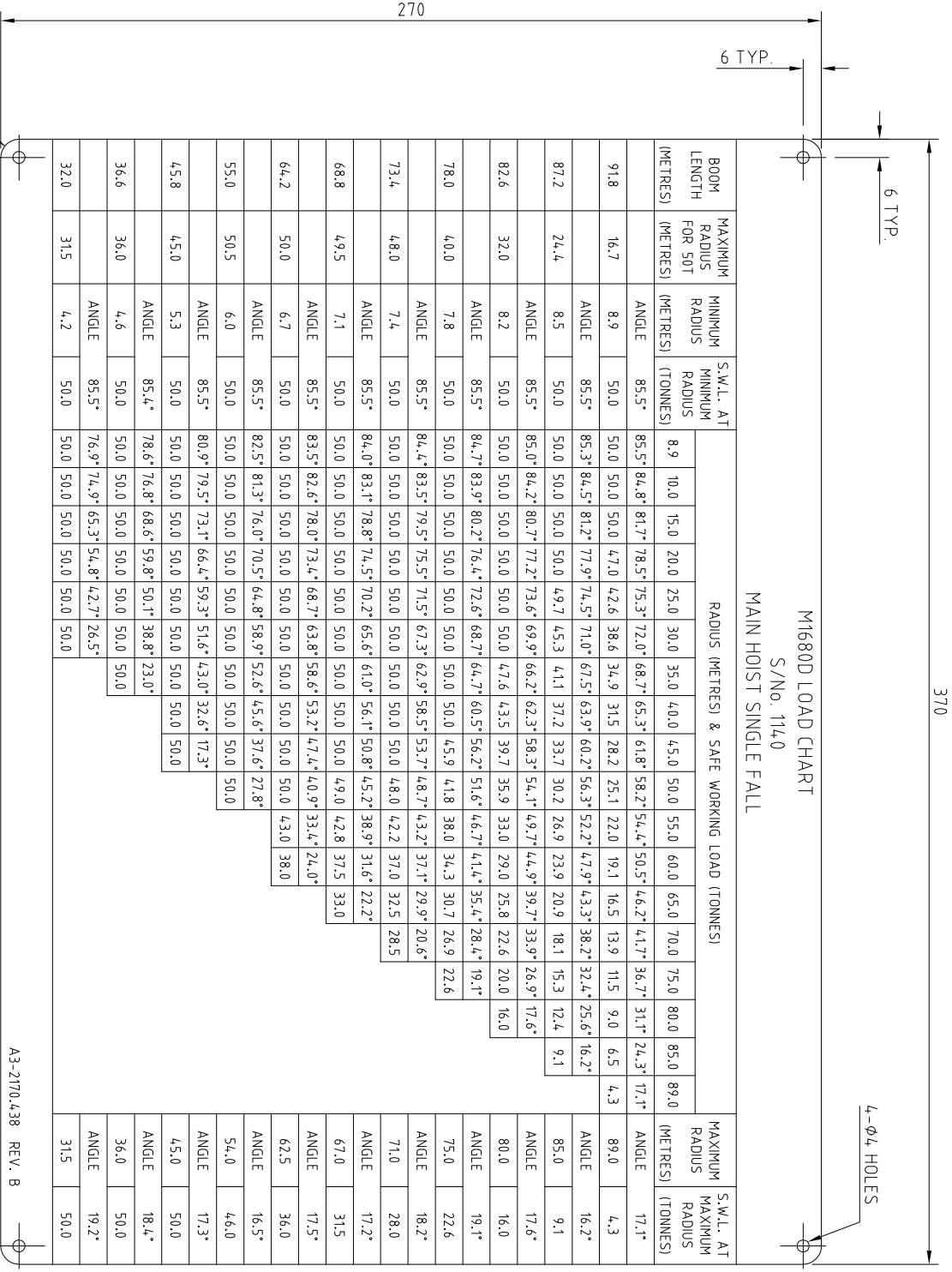


Material List						
Cat.	Item	Qty	Description	Length	Material	kg
	1	1	15mm x 270	370	WHITE TRAFFOLYTE	-



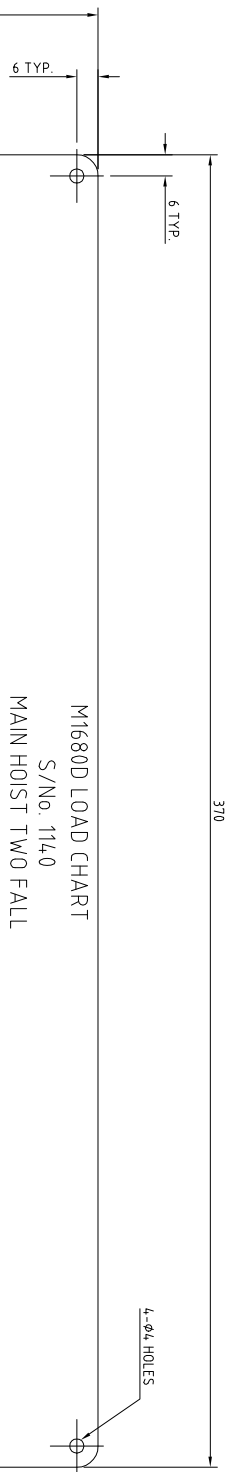
BOOM LENGTH (METRES)	MAXIMUM RADIUS FOR 50T (METRES)	MINIMUM RADIUS (METRES)	S.W.L. AT MINIMUM RADIUS (TONNES)	RADIUS (METRES) & SAFE WORKING LOAD (TONNES)																MAXIMUM RADIUS (METRES)	S.W.L. AT MAXIMUM RADIUS (TONNES)			
				8.9	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0			85.0	89.0	
91.8	16.7	8.9	50.0	85.5°	84.8°	81.7°	78.5°	75.3°	72.0°	68.7°	65.3°	61.8°	58.2°	54.4°	50.5°	46.2°	41.7°	36.7°	31.1°	24.3°	17.1°	89.0	4.3	
87.2	24.4	8.5	50.0	85.5°	84.5°	81.2°	77.9°	74.5°	71.0°	67.5°	63.9°	60.2°	56.3°	52.2°	47.9°	43.3°	38.2°	32.4°	25.6°	16.2°				
82.6	32.0	8.2	50.0	85.5°	84.2°	80.7°	77.2°	73.6°	69.9°	66.2°	62.3°	58.3°	54.1°	49.7°	44.9°	39.7°	33.9°	26.9°	17.6°					
78.0	40.0	7.8	50.0	85.5°	84.7°	83.9°	80.2°	76.4°	72.6°	68.7°	64.7°	60.5°	56.2°	51.6°	46.7°	41.4°	35.4°	28.4°	19.1°					
73.4	48.0	7.4	50.0	85.5°	84.4°	83.5°	79.5°	75.5°	71.5°	67.3°	62.9°	58.5°	53.7°	48.7°	43.2°	37.1°	29.9°	20.6°						
68.8	49.5	7.1	50.0	85.5°	84.0°	83.1°	78.8°	74.5°	70.2°	65.6°	61.0°	56.1°	50.8°	45.2°	38.9°	31.6°	22.2°							
64.2	50.0	6.7	50.0	85.5°	83.5°	82.6°	78.0°	73.4°	68.7°	63.8°	58.6°	53.2°	47.4°	40.9°	33.4°	24.0°								
55.0	50.5	6.0	50.0	85.5°	82.5°	81.3°	76.0°	70.5°	64.8°	58.9°	52.6°	45.6°	37.6°	27.8°										
45.8	45.0	5.3	50.0	85.5°	80.9°	79.5°	73.1°	66.4°	59.3°	51.6°	43.0°	32.6°	17.3°											
36.6	36.0	4.6	50.0	85.5°	78.6°	76.8°	68.6°	59.8°	50.1°	38.8°	23.0°													
32.0	31.5	4.2	50.0	85.5°	76.9°	74.9°	65.3°	54.8°	42.7°	26.5°														

- NOTES**
1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
 2. MATERIAL IS WHITE TRAFFOLYTE WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.

A3-2170.438 REV. B

Checked	28/10/03	Date	21/03/03	Date	Revision	ECN	US
Checked	21/03/03	Date	ORIGINAL ISSUE	Revision	ECN	CN	A
Title		32.0m TO 91.8m LOAD CHART (SINGLE FALL)		Activity No. 210			
Drawn	CHERYL	Checked	PB	Date Drawn	21/03/03	Scale	1 of 1
Approved	BMC	Eng. Approved		Drawing Number	A3-2170.438	Weight	B
Project		M1680D TOWER CRANE		First Used On S/No. 1140			
FAYELLE		Fayelle Favco Cranes Pty. Ltd.		A subsidiary of Mubshah Engineering (M) BHD			
A subsidiary of Mubshah Engineering (M) BHD		A.B.N. 29 067 562 449		First Used On S/No. 1140			

Material List						
Cat.	Item	Qty	Description	Length	Material	kg
	1	1	15mm x 270	370	WHITE TRAFFOLYTE	-



ROOM LENGTH FOR 100T (METRES)	MAXIMUM RADIUS FOR 100T (METRES)	MINIMUM RADIUS (METRES)	S.W.L. AT MINIMUM RADIUS (TONNES)	RADIUS (METRES) & SAFE WORKING LOAD (TONNES)																MAXIMUM RADIUS (METRES)	S.W.L. AT MAXIMUM RADIUS (TONNES)			
				8.9	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0			85.0	89.0	
91.8	-	ANGLE	85.5°	85.5°	84.8°	81.6°	78.5°	75.3°	72.0°	68.7°	65.3°	61.8°	58.1°	54.4°	50.4°	46.2°	41.6°	36.6°	30.9°	24.0°	16.6°	ANGLE	89.0	1.8
87.2	-	ANGLE	85.5°	85.0	84.5°	81.2°	77.9°	74.5°	71.0°	67.5°	63.9°	60.1°	56.2°	52.1°	47.8°	43.2°	38.1°	32.3°	25.3°	15.6°	ANGLE	85.0	7.4	
82.6	-	ANGLE	85.5°	85.0°	84.2°	80.7°	77.2°	73.6°	69.9°	66.2°	62.3°	58.3°	54.1°	49.6°	44.8°	39.6°	33.7°	26.7°	17.1°	ANGLE	80.0	14.9		
78.0	-	ANGLE	85.5°	85.5°	84.7°	83.9°	80.2°	76.4°	72.6°	68.7°	64.6°	60.5°	56.1°	51.5°	46.6°	41.3°	35.2°	28.1°	18.6°	ANGLE	75.0	20.5		
73.4	-	ANGLE	85.5°	85.5°	84.3°	83.5°	79.5°	75.5°	71.4°	67.2°	62.9°	58.4°	53.7°	48.6°	43.1°	36.9°	29.7°	20.1°	ANGLE	71.0	24.3			
68.8	23.9	ANGLE	85.5°	85.5°	84.0°	83.0°	78.8°	74.5°	70.1°	65.6°	60.9°	56.0°	50.8°	45.1°	38.7°	31.4°	21.8°	ANGLE	67.0	28.0				
64.2	27.6	ANGLE	85.5°	85.5°	83.5°	82.5°	78.0°	73.4°	68.6°	63.7°	58.6°	53.2°	47.3°	40.8°	33.2°	23.5°	ANGLE	62.5	33.5					
55.0	27.9	ANGLE	85.5°	85.5°	82.4°	81.3°	76.0°	70.5°	64.8°	58.8°	52.5°	45.5°	37.4°	27.5°	ANGLE	54.0	43.5							
45.8	28.2	ANGLE	85.5°	85.5°	80.9°	79.5°	73.0°	66.3°	59.2°	51.5°	42.8°	32.2°	16.3°	ANGLE	45.0	57.0								
36.6	28.4	ANGLE	85.5°	85.5°	78.6°	76.8°	68.5°	59.7°	50.0°	38.4°	22.2°	ANGLE	36.0	76.0										
32.0	28.5	ANGLE	85.5°	85.5°	76.9°	74.9°	65.2°	54.7°	42.4°	25.7°	ANGLE	31.5	89.0											

- NOTES**
1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
 2. MATERIAL IS WHITE TRAFFOLYTE WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.

A3-2170.439 REV. B

Checked	28/10/03	CRANE PROJECT NAME WAS M1680DX	-	US
Date	21/03/03	ORIGINAL ISSUE	-	CN
Revision				A

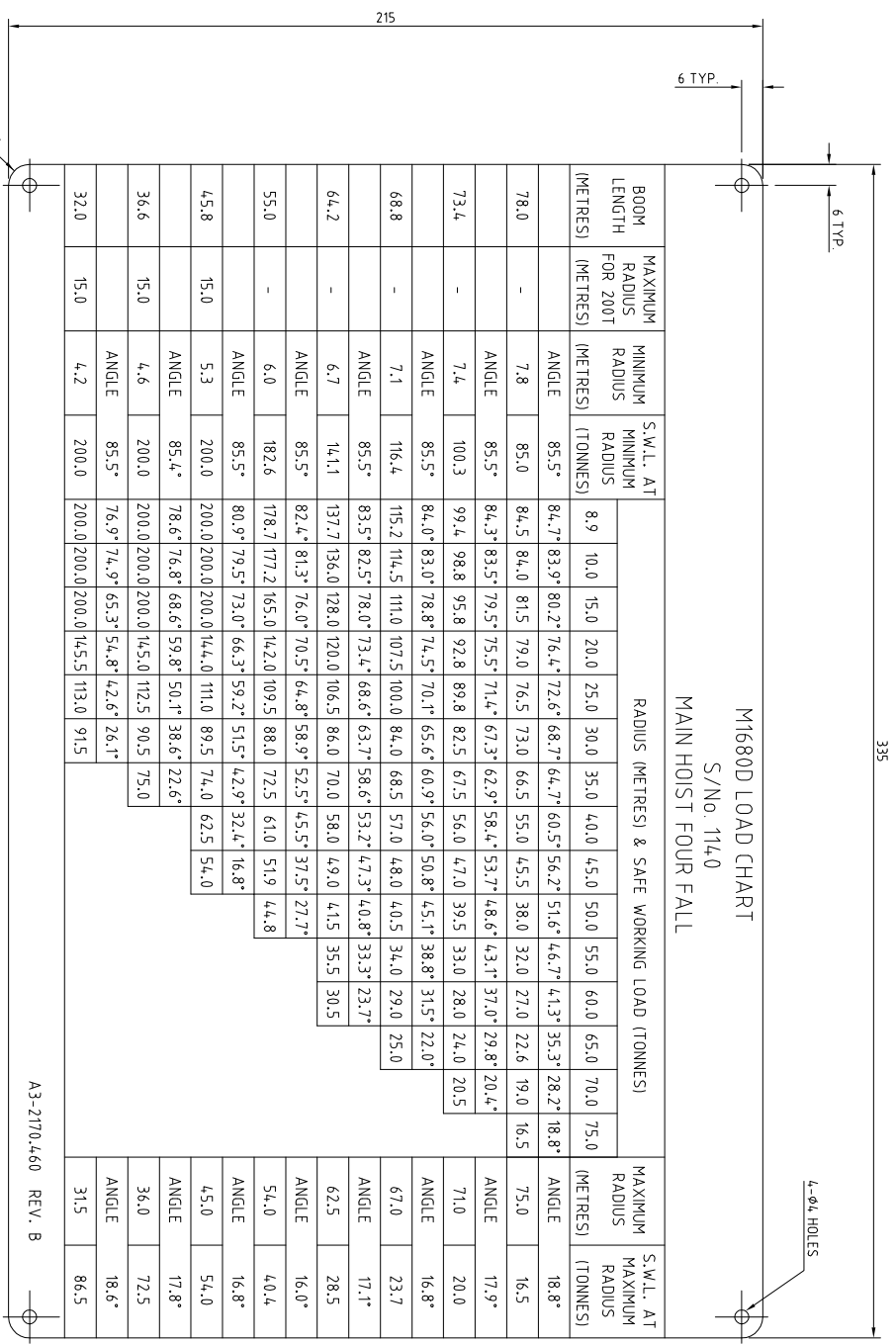
FAYELLE
 A subsidiary of Mubshah Engineering (M) BHD
 Favelle Favco Cranes Pty. Ltd.
 A.B.N. 29 667 562 449

Drawn	Checked	Date Drawn	Scale	Sheet	Weight	Issue
CHERYL	PB	21/03/03	1:15	1 of 1	-	B

Project: M1680D TOWER CRANE
 Activity No: 210
 Title: 32.0m TO 91.8m LOAD CHART (DOUBLE FALL)
 First Used On: S/No. 1140

Approved	Eng. Approved	Drawing Number
BMC		A3-2170.439

Material List						
Cat.	Item	Qty	Description	Length	Material	kg
	1	1	15mm x 215	335	WHITE TRAFFOLYTE	-



- NOTES
1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
 2. MATERIAL IS WHITE TRAFFOLYTE WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.

FORM#64-04-02

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Activity No. 210

Project: M1680D TOWER CRANE

First Used On S/No: 114.0

Checked	28.10.03	CRANE PROJECT NAME WAS M1680DX	-	US
Date	30.05.03	ORIGINAL ISSUE	-	CN
Revision				A

FAYELLE FAYCO
A subsidiary of Mubashar Engineering (M) BHD

Fayelle Favco Cranes Pty. Ltd.
A.B.N. 29 667 562 419

Drawn	CHERYL	Checked	PB	Date Drawn	30.05.03	Scale	1:15	Sheet	1 of 1	Weight	-	Issue	B
Approved	BMC	Eng. Approved		Drawing Number	A3-2170.460								