

Alita - 28 Lewis rd wattle grove p22

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Data File Name is - C:\Program Files (x86)\Aries 2000\data\p22.DTF

Results File Name is - C:\Program Files (x86)\Aries 2000\data\TEST.RTF

1 HIGH RIGGING 4 WIDE

Suction % Increase Value (%>5) OR Suction (kPa<5) = 20

Concrete Density (kN/M3) = 24.00 F'c (at lift) = 25.0 Fbt = 2.07

PANEL DATA

Panel Thickness (mm) = 125 Overall Height (M) = 4.18 Width (M) = 6.93

Area of Panel (M2) = 14.74 Volume (M3) = 1.8 Weight (kN) = 44.23

Formwork Perimeter (M) = 38.06 Diagonals (M) - D13 = 8.097 D24 = 8.097

PANEL/CUT OUTS Co-ordinates - Clockwise and Starting at the Bottom Left Corners

	x1	y1	x2	y2	x3	y3	x4	y4
External	0.000	0.000	0.000	4.185	6.932	4.185	6.932	0.000
Cut Out 1	0.900	0.000	0.900	2.780	6.032	2.780	6.032	0.000

NOTE - Tilting Edge Must be Parallel to the X-Axis

Centre of Gravity XCG = 3.466 M YCG = 2.772 M

RIGGING and ANCHOR DETAILS

Y Co-ord & the X Co-ords of Anchors

3.300 0.800 2.700 4.232 6.132

C.G. of Anchors (AVERAGED - Zero Tilt) ,0 X= 3.466 M Y= 3.300 M

C.G. of Anchors (AVERAGED - Zero Tilt) to Panel C.G. X= 0.000 M Y= 0.528 M

Rotation of Panel after Lift Off (Deg) - Vertical 6.76 Out of Plane -0.01

Y Co-ord. of Lower Anchor (M<25) OR Initial Hook Offset to CG (mm>25) = 3.300

Distance From Tilt Edge to the Anchors = 3.300 M

Distance From C.G.y to Hook (Zero Tilt) = 0.528 M

Maximum LOADS/STRESSES

Maximum Moment -ve = -9.77 kN.M +ve = 5.53 kN.M

@ Tilt Angle 0.00 Deg 0.00 Deg

Maximum Stress -ve = -0.54 MPa +ve = 1.18 MPa

Maximum Anchor Load = 1.13 Tonnes