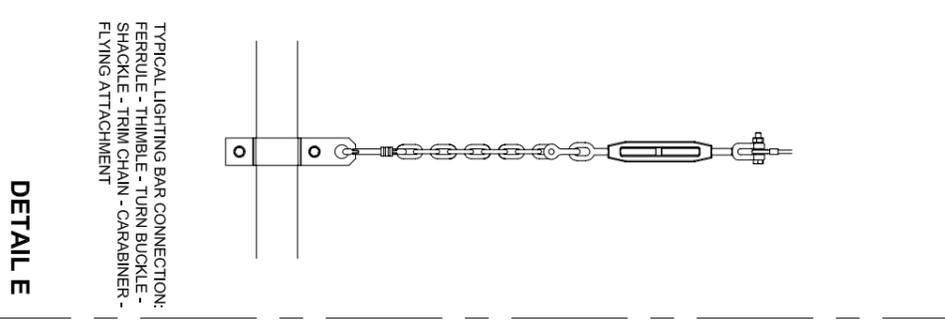


STATIC LOADINGS:
 WORKING LOAD LIMIT (WLL) = 500kg
 DEAD LOAD = 150kg
 TOTAL STATIC LOAD = 650kg

DYNAMIC LOADING:
 SPEED @ 250kg WORKING LOAD = 1.5ms⁻¹
 SPEED @ 500kg WORKING LOAD = 0.5ms⁻¹
 HOIST LOAD = 400kg @ 1.5ms⁻¹
 = 650kg @ 0.5ms⁻¹
 EMERGENCY STOP DECELERATION TIME = 0.3sec
 DYNAMIC LOADING FACTOR = 1.51 @ 1.5ms⁻¹ OR 1.17 @ 0.5ms⁻¹

DYNAMIC LOADS @ E-STOP:
 250kg PAYLOAD @ 1.5ms⁻¹ = 6kN
 500kg PAYLOAD @ 0.5ms⁻¹ = 7.5kN

NOTES REGARDING ABNORMAL CONDITIONS:
 THE POSSIBILITY OF A SINGLE HOIST MOVING AT 1.5ms⁻¹ WITH A PAYLOAD >250kg CAN ONLY OCCUR IN THE UNLIKELY EVENT OF A CONTROL SYSTEM FAILURE. MAXIMUM POSSIBLE DYNAMIC LOADING FOR THIS ABNORMAL CIRCUMSTANCE IS 350 kg @ 1.5ms⁻¹ = 9.6kN



#	Description	Drawn	Checked	Date
A	Original Drawing Issue	CJC	CJC	22/08/09
B	Which type and position/consist. Sign added	CJC	CJC	31/07/09
C	Issued for Approval	CJC	CJC	28/09/09
D	Hoist model revised and steel added	CJC	G4H	30/09/09
E	Hoist model revised and steel added	CJC	G4H	29/11/09
F	Architectural Layout updated	CJC	G4H	29/11/09
G	Beam Information added	CJC	G4H	22/11/09
H	Scarf board, additional notes added	CJC	G4H	30/11/09
I	Notes Modified	CJC	G4H	10/12/09
J	Issued For Construction	CJC	G4H	08/03/10
K	Grids and Giganor Hoist Control Cabinets added	CJC	G4H	08/03/10
L	Grids and Giganor Hoist Control Cabinets added	CJC	G4H	08/03/10

Revisions

007676 Internal Use Only Issued for CONSTRUCTION

CHATSWOOD CIVIC PLACE (WILLOUGHBY) FLY SYSTEMS THEATRE FLY TOWER ELEVATIONS

Scale: 1 - 1

Sheet # of: 1 - 1

Job #

Drawing # CCP-J2002

Rev L A1

