



STAGE ELEVATION B (1:50)

STAGE ELEVATION D (1:50)

STAGE PLAN (1:50)

STAGE FLOOR:

EXISTING STAGE FLOOR CONSIST OF 75mm O/A TIMBER SPRUNG FLOOR AND BATTENS BUILT OF A P.C. CONCRETE SUB-FLOOR. EXISTING TIMBER FLOOR & SUB FLOOR TO BE TAKEN UP.

LAY NEW STAGE FLOOR CONSISTING OF 6mm THICK OIL TEMPERED HARDBOARD FIXED TO 25mm MARINE PLYWOOD ON SPRUNG 50x30mm TREATED S.W. BATTENS ON REINFORCED IN-SITU CONCRETE SLAB SUPPORT ON PERMANENT SHUTTERING RIBDECK. N.B. WHERE STAGE FLOOR IS EXTENDED INTO AUDITORIUM FLOOR TO BE CONSTRUCTED AS ABOVE BUT BEAR ON 25mm MARINE PLY ON TREATED S.W. JOIST AND TIMBER STUDS

FLYING SYSTEM

A TYPICAL DOUBLE PURCHASE COUNTERWEIGHT SYSTEM IS SHOWN ON DRAWING NO FP/738 & 39. THE SYSTEM FOR THE FLORAL PAVILION WILL HAVE TO BE A BESPOKE DESIGN BECAUSE OF THE ROOF PROFILE AND THE DETAIL WILL VARY BETWEEN DIFFERENT MANUFACTURERS. THE SYSTEM SHALL CONSIST OF 36 DOUBLE PURCHASE SETS. THE SPACING OF SETS SHALL BE AS DRAWING NO FP/738 & 39. EACH COUNTERWEIGHT SET SHALL HAVE A SAFE WORKING LOAD OF 250KG MINIMUM. THE TOTAL FLYING HEIGHT SHALL BE 9.9M MINIMUM. THE FLYING BARS SHALL BE 49MM OD HEAVY WALL STEEL TUBING AS SPECIFIED BY THE SYSTEM SUPPLIER. THE BARS SHALL BE 14M LONG WITH 1M SLIDE OUT EXTENSIONS AT EACH END. ALL SETS SHALL BE FIVE LINE SETS. LINES REQUIRED OTHERWISE BY THE SYSTEM SUPPLIER.

THE SYSTEM SHALL COMPLY WITH BS7965-1:2001 LIFTING EQUIPMENT FOR PERFORMANCE, BROADCAST AND SIMILAR APPLICATIONS. SPECIFICATION FOR THE DESIGN AND MANUFACTURE OF ABOVE STAGE EQUIPMENT (EXCLUDING TRUSSES AND TOWERS) CROSS REFERENCED TO STANDARDS INCLUDING BUT NOT EXCLUSIVELY BS 502, BS EN 483, BS 464, BS 38104, BS 4344, BS 6686-1, BS 7033, BS EN 795, BS EN 10002-1, DIN 1142, DIN 15315, PROVISION AND USE OF WORK EQUIPMENT REGULATIONS (POWER); 1998, LIFTING OPERATION AND LIFTING EQUIPMENT REGULATIONS (LOLERY); 1988, SUPPLY OF MACHINERY REGULATIONS; THE ABT CODE OF PRACTICE: FLYING; THE ABT CODE OF PRACTICE: DESIGN GUIDE - GUARD RAILS AND ALL OTHER STATUTORY REQUIREMENTS. A SUMMARY OF REQUIREMENTS CAN BE FOUND IN THE TECHNICAL STANDARDS FOR PLACES OF ENTERTAINMENT (SEE APPENDIX 9).

NOTE

1) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH KMA'S ARCHITECTURAL DESIGN AND PERFORMANCE REQUIREMENT DOCUMENT AND DRAWING NO FP/739

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**PROPOSED STAGE PLAN
& ELEVATION 1 of 2**

SCALE 1:50
DATE JAN 2006

FP/C/38

DATE JAN 2006