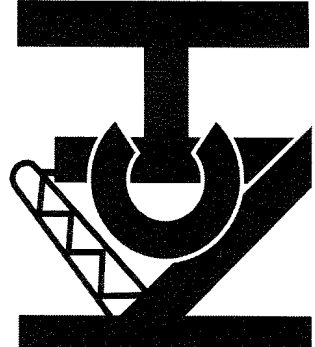


INFO:
HITACHI SUMITOMO SCX 2800-2.
280 TONNE CRAWLER CRANE.
MAIN BOOM = 33.5M @ 65°.
LUFFER = 45.7M.
BALLAST = 102.8 TONNES.
RADIUS = 54M.
MAX LIFT @ RADIUS = 12.4 TONNE.

SCALE DRAWN BY: R RYAN.
1/250 DATE: 27/08/08



KAVANAGH CRANE HIRE LTD.
 TEL: (+353) 053 - 9428128
 FAX: (+353) 053 - 9428302

PROJECT: HITACHI SUMITOMO SCX2800-2, LANSOWNE ROAD OPTIMAL LIFTING ARRANGEMENT FOR COLUMNS AND BACK OF BOWL BEAMS.

FOUNDATIONS FOR PERMANENT WORKS
 MAY NEED TO BE AUGMENTED BY
 ADDITIONAL PILES TO PROVIDE CAPACITY
 FOR TEMPORARY CONDITION.

ALL 'C' SHAPED CHANNEL
 RETAINING WALLS ARE IN THE
 RAIL CORRIDOR CONTRACT.

RAIL COLUMN AND CORBELS
 TO COLUMN, ARE ALL IN THE
 RAIL CORRIDOR CONTRACT.

APPROX. TOP OF ROCK

750x600
 600x600
 GROUND

400x200
 RC COLUMN

INTERNAL BRICKWORK WALL.
 SEE SW FOR DETAILS

PREMIUM CLUB TIER.
 PRECAST CONCRETE SEATING UNITS
 ON 600x600 INSTU RC TAPERED RAKERS.
 PARAPET UNITS SUPPORTED BY
 PROJECTING INVERTED STEEL TEE
 SECTION

BOX TIER.
 PRECAST CONCRETE SEATING UNITS
 ON PROFILED INSTU RC RAKERS.
 PARAPET UNITS SUPPORTED BY
 PROJECTING INVERTED STEEL TEE
 SECTION

LONGITUDINAL TIE MEMBERS PROVIDING
 LATERAL + TORSIONAL RESTRAINT TO
 UPPER TIER RAKERS

UPPER TIER.
 PRECAST CONCRETE SEATING UNITS
 ON FABRICATED STRUCTURAL
 STEELWORK UPPER TIER RAKERS.
 PARAPET UNITS SUPPORTED BY
 PROJECTING INVERTED STEEL TEE
 SECTION

LONGITUDINAL TIE MEMBERS PROVIDING
 LATERAL + TORSIONAL RESTRAINT TO
 UPPER TIER RAKERS AND CONNECTION
 MUST RESTRAIN TOP NODE OF TRANSFER
 TRUSS

UPPER TIER.
 PRECAST CONCRETE SEATING UNITS
 ON FABRICATED STRUCTURAL
 STEELWORK UPPER TIER RAKERS.
 PARAPET UNITS SUPPORTED BY
 PROJECTING INVERTED STEEL TEE
 SECTION

TAPERED RAKER BACK SPAN.
 ALL TAPERED RAKERS MUST
 BE COORDINATED WITH
 SERVICES REQUIREMENTS

880 DIA.
 RC COLUMN

01 LOWER CONCOURSE.
 FFL/SSL 6.190 MH

00 SERVICE LEVEL
 SSL 1.690 MH

00 ROAD PAVEMENT
 SSL 1.600 MH

01 LOWER CONCOURSE.
 SSL 6.940 MH

02 LOWER PREMIUM.
 SSL 9.890 MH

03 UPPER PREMIUM.
 SSL 13.972 MH

04 BOX CONCOURSE
 FFL/SSL 17.820 MH

05 UPPER CONCOURSE
 FFL/SSL 21.670 MH

06 PLANT LEVEL
 SSL 25.730 MH

1500x600
 RC COLUMN

1000x600
 RC COLUMN

1000x600
 RC COLUMN

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