



3D View

Wall Schedule	
Ref.	Type
W1	450mm RC LINING WALL
W2	250mm RC RETAINING WALL
W3	225mm BLOCKWORK
W4	400mm RC WALL
W5	450mm RC RETAINING WALL

Steel Beam Schedule	
Ref.	Type
B1	UB686x254x170
B2	UC305x305x97
B3	UB254x146x43
B4	UC203x203x46
B5	UC254x254x73
B6	UB305x102x25
B7	UB914x305x253
B8	UB533x210x101
B9	UB152x89x16
B10	UC152x152x37
B11	RHS250x150x16.0
BR	BRACING
FB	15X150 PLATE

Steel Column Schedule	
Ref.	Size
C1	UC254x254x73
C2	UC305x305x240
C3	UC203x203x46
C4	RHS200x120x8.0
C5	SHS140x140x10.0
H1	SHS150x150x12.5
H2	CHS114.3x6.3
H3	UC254x254x167
H3	SHS90x90x8.0

NOTE:
STEEL SIZES ONLY PRELIMINARY TO
FURTHER DESIGN DEVELOPMENT.

WHERE BEAMS MATCH DEPTH OF
FLOOR PROVIDE 20mm CONTINUOUS
PLATE TO BOTTOM FLANGE FOR
PROFILE DECKING SUPPORT.

PROVIDE 200x100x10 RSA WHERE
SLABS BUILT INTO WEB OF BEAMS

ENGINEERED TIMBER
JOIST FLOOR WITH
25mm PLY

PROFILE METAL DECK
250mm THICK

METAL DECKING R.C. SLAB OMITTED
FROM STEEL FRAME FOR CLARITY

CRANKED BEAM

P1	23.12.14	ISSUED FOR PLANNING	KDE	NN
Rev	Date	Description	Drawn	Check

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PRELIMINARY	Scale 1 : 50
Project	Drawn KDE
SONDHEIM (AMBASSADORS) THEATRE	Engineer NN
Project No	140352
Title	Drawing No S105
GENERAL ARRANGEMENT ROOF	Revision P1