

R.C. PINS TIED TO RAFT SLAB.  
SUBJECT TO S.I. ALTERNATIVE  
M.C. PINS AND LINING R.C. WALLS

Wall Schedule	
Ref.	Type
W1	250mm RC LINNING 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
B12	UB914x19x388
B13	UB762x267x197
BR	BRACING
FB	15X150 PLATE

Steel Column Schedule	
Ref.	Size
C1	UC254x254x73
C2	UC305x305x240
C3	UC203x203x46
C4	RHS200x120x8.0
C5	SHS140x140x10.0
H1	SHS114.3x6.3
H2	UC254x254x167
H3	SHS90x90x8.0

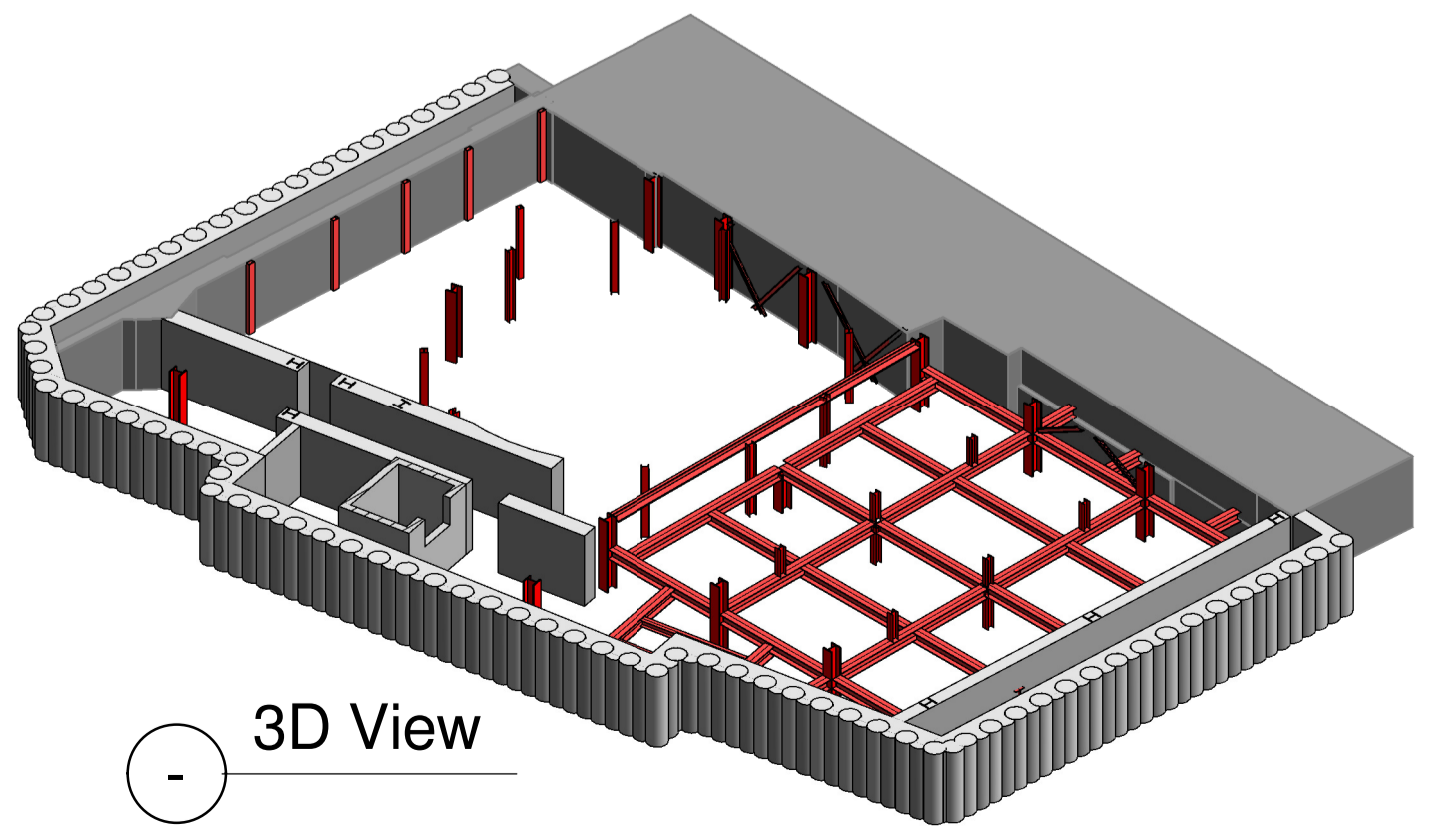
- NOTE:  
STEEL SIZES ONLY PRELIMINARY TO  
FURTHER DESIGN DEVELOPMENT.
- WHERE BEAMS MATCH DEPTH OF  
FLOOR PROVIDE 20mm CONTINUOUS  
PLATE TO BOTTOM FLANGE FOR  
PROFILE DECKING SUPPORT.
- PROVIDE 200x100x10 RSA WHERE  
SLABS BUILT INTO WEB OF BEAMS
- ENGINEERED TIMBER  
JOIST FLOOR WITH  
25mm PLY
  - PROFILE METAL DECK  
250mm THICK
  - METAL DECKING R.C. SLAB OMITTED  
FROM STEEL FRAME FOR CLARITY
  - CRANKED BEAM

P2	01.03.16	REVISED AS CLUDED	KDE	NN
P1	23.12.14	ISSUED FOR PLANNING	KDE	NN
Rev	Date	Description	Drawn	Check

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Drawing Status	PRELIMINARY	Date	12-09-11
Project	SONDHEIM (AMBASSADORS) THEATRE	Scale	1 : 50
Engineer	NN	Drawn	KDE
Project No	140352	Engineer	NN
Drawing No	S099	Project No	140352
Revision	P2	Drawing No	S099
		Revision	P2



3D View