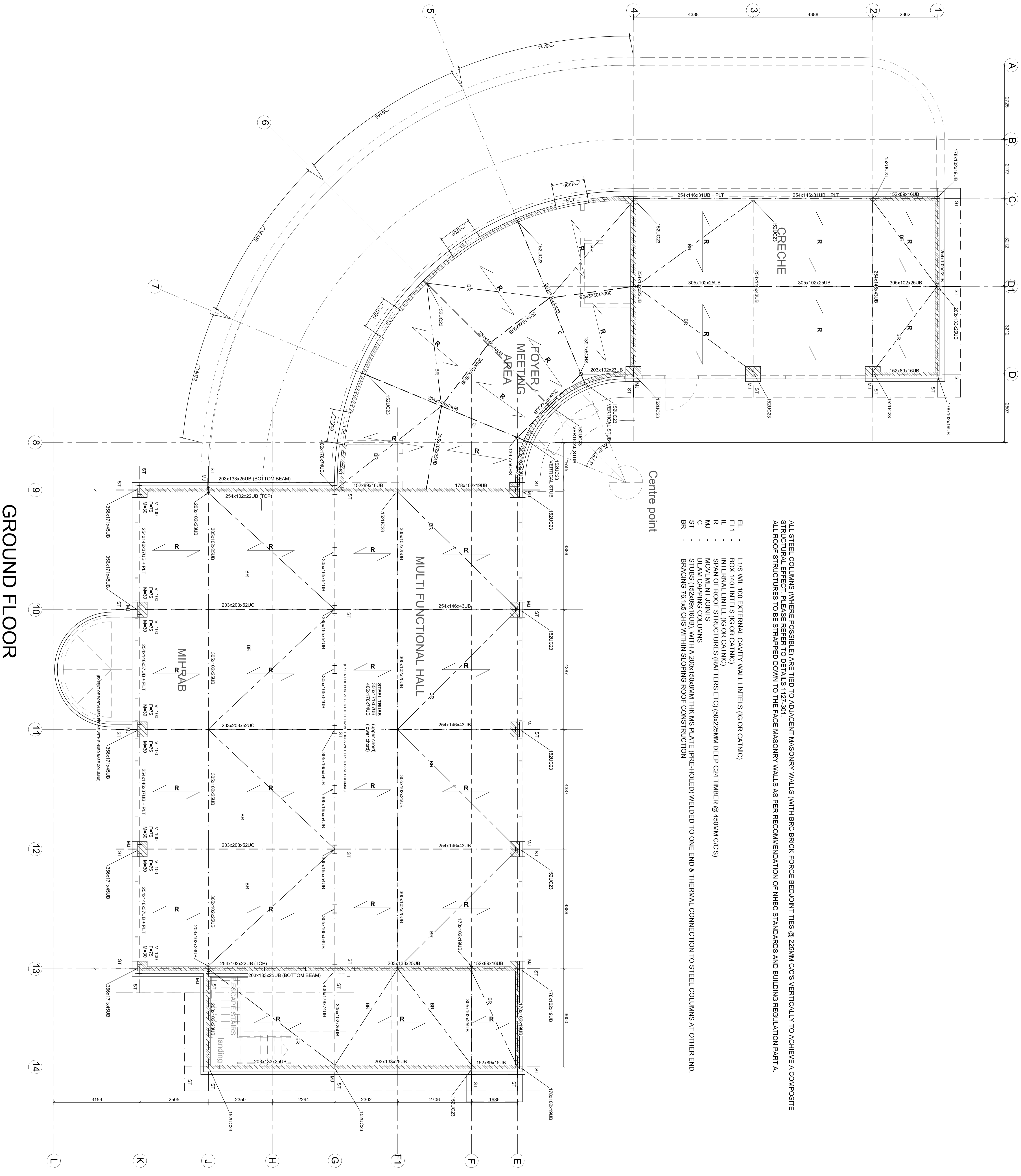


ALL STEEL COLUMNS (WHERE POSSIBLE) ARE TIED TO ADJACENT MASONRY WALLS (WITH BRICK-FORCE BEDJOINT TIES @ 225MM C/C'S VERTICALLY TO ACHIEVE A COMPOSITE STRUCTURAL EFFECT. PLEASE REFER TO DETAILS 1127-301)
ALL ROOF STRUCTURES TO BE STRAPPED DOWN TO THE FACE MASONRY WALLS AS PER RECOMMENDATION OF NHBC STANDARDS AND BUILDING REGULATION PART A.

EL : L/15 WALL, 100 EXTERNAL CAVITY WALL LINTELS (IG OR CATNIC)
EL1 : BOX 140 LINTELS (IG OR CATNIC)
IL : INTERNAL LINTEL (IG OR CATNIC)
R : SPAN OF ROOF STRUCTURES (RAFTERS ETC) (50x225MM DEEP C24 TIMBER @ 450MM C/C'S)
MU : MOVEMENT JOINTS
C : BEAM CAPPING JOINTS
ST : STUBS (152x89x16UB) WITH A 200x150x8MM THK MS PLATE (PRE-HOLED) WELDED TO ONE END & THERMAL CONNECTION TO STEEL COLUMNS AT OTHER END.
BR : BRACING / 76.1X5 CHS WITHIN SLOPING ROOF CONSTRUCTION

Centre point



GROUND FLOOR

Rev	Amendment	By	Date
R1	Revised drawing for construction	CT	15/12/23
R2	Revised drawing for construction	CT	15/12/23
R3	Revised drawing for construction	CT	15/12/23
R4	Revised drawing for construction	CT	15/12/23
R5	Revised drawing for construction	CT	15/12/23
R6	Revised drawing for construction	CT	15/12/23
R7	Revised drawing for construction	CT	15/12/23
R8	Revised drawing for construction	CT	15/12/23
R9	Revised drawing for construction	CT	15/12/23
R10	Revised drawing for construction	CT	15/12/23

Client: SUN
208 BARNET ROAD, LONDON, NW4 4BT
1 203 719 1500 / 7 203 719 1502
EMAIL: info@sun-uk.co.uk

Project: Showing structures at high roof level

Drawing: STRUCTURAL ENGINEERING Ground Floor

Scale: as shown @ A4 Dec 2023

Drawn by: MAMAK, CATHIE HALL, ALISON KEYNEK

Checked by: Approved by: AIA

1127-312 B

STATUS: CONSTRUCTION (SUBJECT TO BUILDING CONTROL APPROVAL).