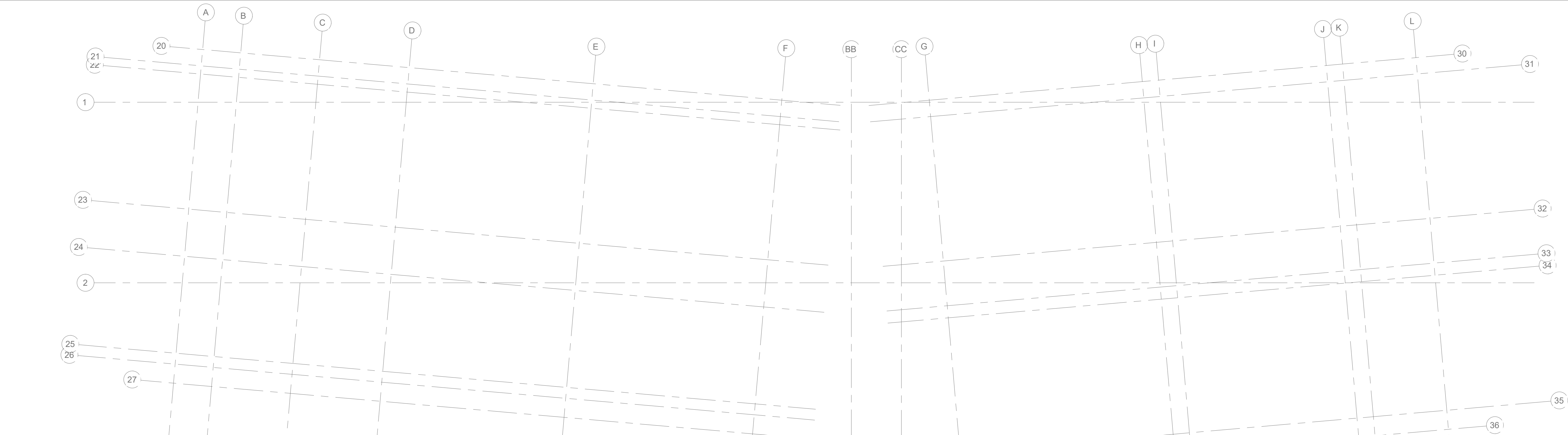




LINTEL SCHEDULE			
LINT. REF.	MANUFACTURER	FINISH	FIRE RATING(MINS)
L1	IG LINT. TYPE L5/150		
L2	IG LINT. TYPE L1/5 150		
L3	WYLLOR TYPE R6 (140x100)		
L4	IG LINT. TYPE L10		
L5	WYLLOR TYPE R7 (215x145)		
L6	IG BOX TYPE 100		
L7	IG LINT. TYPE L5/HDX 150		
L8	WYLLOR TYPE R8 (140x215)		

NOTES:
(1) LINTELS FOR NON-LOAD BEARING MASONRY WALLS TO BE OPENINGS NO GREATER THAN 1200MM = WYLLOR EX1.
(2) ALL LINTELS TO HAVE A MINIMUM 150mm BEARING.
(3) NUMBER OF LINTELS & WIDTH OF LINTEL TO SUIT WALL THICKNESS AT EACH OPENING.
(4) LINTEL LEVELS TO ARCHITECTS DOOR/WINDOW SCHEDULES.

STEEL BEAM SCHEDULE						
MEMBER REF.	MEMBER SIZE	GRADE	END SHEAR (kN)	LEVEL TO TOP OF STEEL	LEVEL TO TOP OF PADSTONE	POSITION
GB1	152x152x23 UC + 350mmx10mm BTM. PLATE	S355	80			-
GB2	152x152x27 UC + 350mmx10mm BTM. PLATE	S355	140			P1
GB3	356x171x51 UB + 1 No. 200x100x10 RSA SHELF ANGLE	S355	155			P1#
GB4	152x152x23 UC	S355	55			-
GB5	406x140x53 UB + 2 No. 200x100x12 RSA SHELF ANGLES	S355	165			P1
GB6	300x100x10 RHS + 300x10 BOTTOM PLATE	S355	90			P1
GB7	254x146x43 UB + 2 No. 200x100x12 RSA SHELF ANGLES	S355	80/160			P3/P6
GB8	152x89x16 UB	S355	20			P5
GB9	200x120x8 RHS + 300x10 BOTTOM PLATE	S355	90			P1
GB10	254x146x31 UB	S355	120			P1
GB11	406x140x53 UB	S355	90			P1
GB12	203x102x23 UB	S355	45			P5
GB13	200x200x8 RHS + 400x10 BOTTOM PLATE	S355	90			-
GB14	305x102x33 UB	S355	35			P5

* INDICATES GALVANISED FINISH REQUIRED
** INDICATES EMBEDDED CONNECTION TO COLUMNS
ALL BEAM BEARINGS TO BE MIN. 150mm.
3 No. COURSES OF ENGINEERING BRICK REQUIRED LOCALLY BELOW FOR A MINIMUM LENGTH OF 675mm

STEEL COLUMN SCHEDULE		
MEMBER REF.	MEMBER SIZE	STEEL GRADE
C1*	200x200x8 SHS	

* INDICATES GALVANISED FINISH REQUIRED

WIND POST SCHEDULE	
MEMBER REF.	MEMBER SIZE
WP1	80x60x4

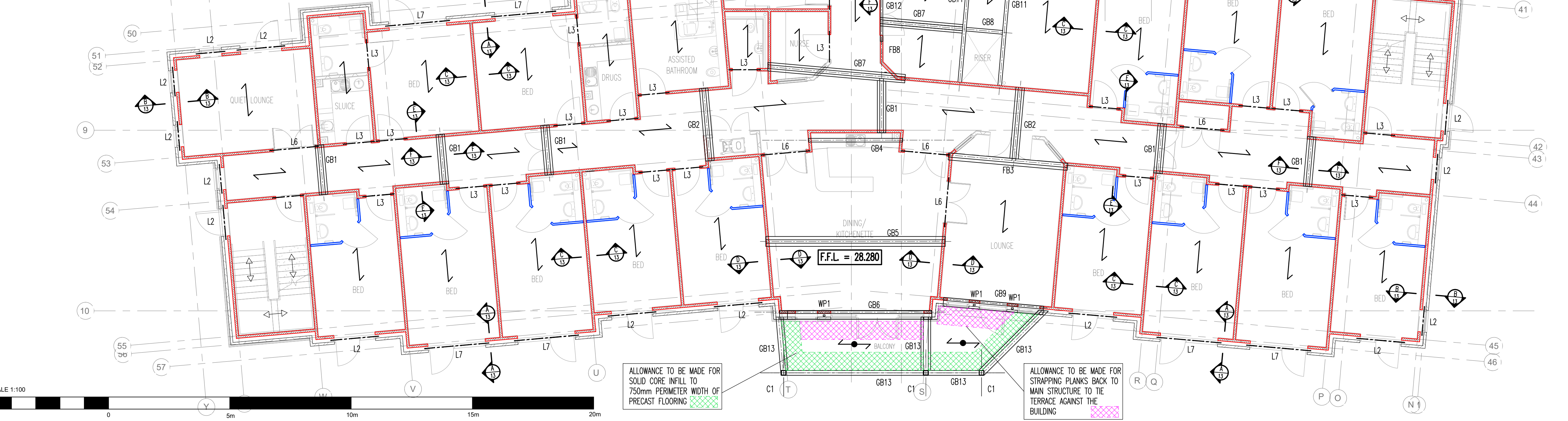
NOTE: WINDPOST TO U/S OF SUPPORT BEAM.
WINDPOST TYPE ANCON OR SIMILAR EQUIVALENT

PADSTONE SCHEDULE			
REF.	SIZE-WIDTH	GRADE	PADSTONE DETAIL
P1	100x215x40	C20	
P2	100x150x30	C20	
P3	100x300x60	C20	
P4	200x215x40	C20	
P5	ENGINEERING BRICK		

REFER TO PLAN FOR ORIENTATION OF BEAMS TO PADSTONES



PADSTONE BEARING DETAILS



NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY, IF IN DOUBT ASK.

2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.

3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.

KEY

Denotes span direction of 200mm P.C.C. unit flooring system to specialist design.

Denotes span direction of 150mm P.C.C. unit flooring system to specialist design.

Denotes span direction of ?? x ??? roof joists.

Denotes span direction of precast concrete stair flights and half/full landings to specialist design. Landings are wall/beam bearings.

Denotes external cavity walls.
100mm block inner leaf - 10.4N ground floor.
7.3N first floor concrete blocks (U.N.O.)
150mm cavity
102.5mm brick wall outer leaf (to architect refer to arch drawings and specification)

Denotes internal load bearing walls.
100mm block leaf - 10.4N ground floor.
7.3N first floor concrete blocks

Denotes location of non load bearing blockwork partition walls - 5 kN/m maximum line load

Denotes 10.4N/mm² 140mm block lift shaft walls

Denotes lightweight partition wall.

Denotes door/window head lintel.
(refer to lintel schedule for details).

Denotes floor supporting beams.
(refer to beam schedule for details).

NOTE: PARTITION WALLS SUPPORTED ON FLOORS TO HAVE A MAX DENSITY OF 1400kg/m²
ALL BLOCKS TO BE CATEGORY 1 LAID IN MORTAR STRENGTH CLASS M4 (BS5628 PT 1 TABLE 1).

150mm PRECAST FLOOR DESIGN LOADS	
DEAD LOAD	
75mm screed + insulation	- 1.80kN/m²
SELF WEIGHT PC PLANK FLOOR	- 2.80kN/m² (TBC)
IMPOSED LOAD	
BEDROOMS	- 1.50 kN/m²
COMMUNAL AREAS/CORRIDORS	- 3.00 kN/m²
STAIRCASES	- 4.00 kN/m²
PLANT ROOM	- 7.50 kN/m²
PARTITIONS (LIGHT WEIGHT)	- 1.20kN/m RUN
BLOCK PARTITIONS	- 5.40kN/m RUN

200mm PRECAST FLOOR DESIGN LOADS	
DEAD LOAD	
75mm screed + SOFFIT	N- 2.05kN/m²
SELF WEIGHT PC PLANK FLOOR	- 3.30kN/m² (TBC)
IMPOSED LOAD	
TERRACE	- 4.00 kN/m²

T1
03.06.24

REVISION

DATE

TENDER ISSUE

NJ

ANR

DRAWN

CHECKED

Client:
ANAVO DEVELOPMENTS LIMITED

Project Title:
HAVANT :
HAVANT CARE HOME
BARTONS ROAD, HAVANT

Drawing Title:
LOWER GROUND FLOOR LAYOUT
SHOWING STRUCTURE OVER

Drawn By: NJ

Scales: 1:100@A1

Date: APRIL 2024

Drawing Number:

Checked By: ANR

11063-11

Rev:

T1

Date: APRIL 2024

Drawing Status:

TENDER

NJP

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