

[illegible]

Structural Items

(As Specified by Structural Engineer)

STEEL BEAM SCHEDULE:

SB-102	Ground Floor
SB-103	219x102 LB825 with 275x10mm welded bottom plate
SB-102	305x305 UC118 with 400x12mm welded bottom plate and welded stiffeners
SB-103	203x203 UC46 with 280x10mm welded bottom plate (g.v.k.)
SB-103	219x130 LB25 LB at final level
SB-103	203x203 UB46 with 300x12mm top plate and 400x12mm bottom plate
SB-901	200x75 PPC with 300x12mm plate welded to bottom (g.v.k.)
SB-902	200x75 PPC with 328x12mm plate welded to bottom (g.v.k.)
SB-903	200x75 PPC (g.v.k.)
SC-101	100x100 RH45.0
SC-101	100x100 90 S18

There shall not be covered steel beam or 100x100 RH45 bearing plate within wall.

Beams to be bolted together using M16 bolts and top/bottom flanges at RSJO. Bottom plates to be bolted to fingers with M16 bolts and 40x40x10 L-angles.

STEEL COLUMN SCHEDULE

SB-102	UC162x152x13 with FL37x211 on top
SB-102	UB178x119 with CHS42.472 between @ 350 C/C (x1 x2) between
SB-102	UC178x102 on top
SB-104	TS100x10
SB-104	CXC100x10
SB-104	TS100x10
SB-107	TH130x10
SB-108	TS100x10
SB-109	CCS
SB-110	TS100x15

Refer to Clerkship card for detailed information

PASTONE SCHEDULE:

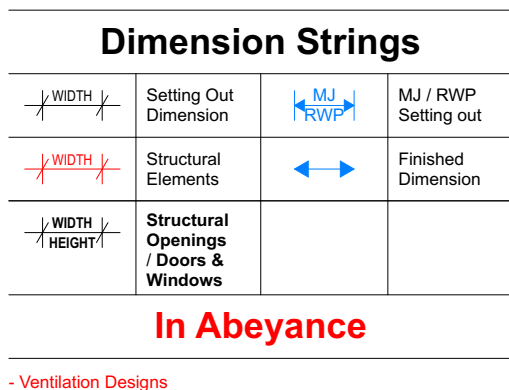
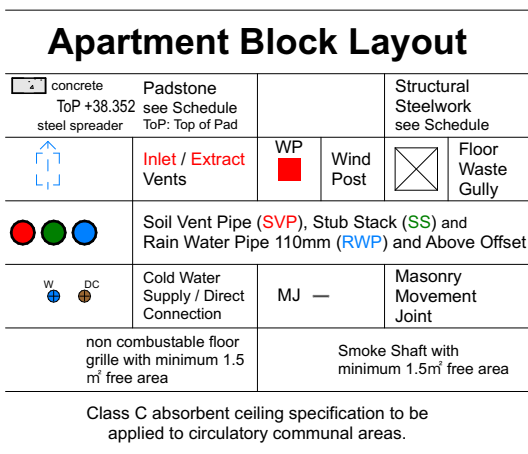
All pastones to be C10-concrete unless otherwise noted

U.C.N. minimal 75mm concrete thickness strong engineering blocks may be required between pastones when they are aligned in plan at different levels.

P1:	440x100x125 GBS C10 Concrete Pastone
P2:	440x100x125 GBS C10 Concrete Pastone
	* linked to wall profile
P3:	440x140x125 C10 Concrete Pastone



Risk Schedule	
	Specific health & safety risks associated with this building are highlighted, but not limited to the caution symbol adjacent to the item of risk. Refer to risk schedule on individual drawing.
	Injury caused by incorrect handling of large / heavy items.
	Potential to fall from height.
	Potential to fall from height through voids within floors.
	Harm caused by handling lead.
	Harm caused by Electrocutation.
For further information refer to HGP's M06 & M07 documents	



C11	Updated to Simpsons Latest Drawings	06.03.25	LM	MLE
C12	Minor Changes Clouded	14.03.25	LM	MLE
C13	Minor Changes Clouded	21.03.25	LM	MLE
C14	Vent locations amended	31.03.25	MLE	MLE
C15	Door Swings Amended Shown Clouded	23.05.25	LM	MLE
Rev	Description	Date	DB	CB

PROJECT	JOB NO
Carter's Site, Reading	22.175
SCALE	DATE
1:50@A1	23.02.24
DRAWN BY/CHECKED BY	REVISION
LM / MLE	C15
DWG#	STATUS
22.175-HGP-03-00- -A-2014	Construction

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