J1 50x150 C24 Timber Solid Joists @ 400c/c. 12.5mm Plasterboard to the Underside. Double up Joist Around the Roof Light.

P1 215x215x100 C50 concrete padstone

P2 440x215x100 C50 concrete padstone

P3 7.3N/mm² Dense Blockwork Padstone 440x215x100mm

P4 600X215X100 C50 Concrete Padstone or 600x215x102.5mm or Class A 125N/mm² Engineering Blue Solid Brick Class ii (M6) Mortar

B1 150x100x10 RHS S355 WITH 289 x 10mm thk bottom plate, 8mm FW

B2 Flitch beam 2No. 50X250 C24 + 250x15mm thk S275 steel plate. M12 bolts staggered @ 350mm crs c/c or UB178x102x19.

B3 254x254x107 UC S355

B4 203x203x52 UC S355 downstand beam to support second floor and attic truss

WALL MATERIAL LEGEND:

EXTERNAL & LOADBEARING WALLS
STRENGTH AND DENSITY TO STRUCTURAL ENG. SPEC.

- INDICATES FACE BRICKWORK.
- INDICATES 100mm BLOCKWORK WITH 7.3N/mm2 STRENGTH AND MAXIMUM 1600 KG/M3 DENSITY O.N.O.
- INDICATES 100mm BLOCKWORK WITH 3.6N/mm2 STRENGTH AND MAXIMUM 1600 KG/M3 DENSITY O.N.O.
- INDICATES 100mm BLOCKWORK WITH 17.5N/mm2 STRENGTH AND MAXIMUM 1600 KG/M3 DENSITY O.N.O.
- BED JOINT REINFORCEMENT - EXPAMET LADDER REINFORCEMENT SBSF3560 @ 225 VERTICAL CRS, SPANNING 600mm PAST OPENING

PARTY WALLS

- INDICATES 100mm LIGHTWEIGHT AGGREGATE BLOCKWORK WITH 3.6N/mm2 STRENGTH AND MAXIMUM 1600 KG/M3 DENSITY O.N.O. & BED JOINT REINFORCEMENT FOR ROBUST STANDARD DETAIL : E-WM-30

INTERNAL WALLS

- INDICATES 100mm BLOCKWORK WITH 7.3N/mm2 STRENGTH AND MAXIMUM 1600 KG/M3 DENSITY O.N.O.
- INTERNAL BLOCKWORK PARTITION BETWEEN DWELLING AND GARAGE. 100mm AERATED CONCRETE STRENGTH TO STRUCTURAL ENG. SPEC. 63mm BRITISH GYPSUM THERMALINE PIR PLASTERBOARD ON ADHESIVE DABS. REFER TO A/SD/S10/B/13
- INDICATES O/A 88mm STRUCTURAL TIMBER PARTITION COMPRISING 12.5mm PLASTERBOARD 11mm OSB2 SHEATHING ON BOTHE SIDS OF 63X38 mm TIMBER STUD (STUDS AND NOGGINGS ROTATED THROUGH 90°). REFER TO A/AS/S50/B/01 TO 05
- INDICATES 88mm OVERALL THICKNESS COMPRISING 63X38mm TIMBER STUD WITH 12.5mm PLASTERBOARD EITHER SIDE.
- INDICATES O/A 88 mm TIMBER ACOUSTIC STUDWORK PARTITION 63 X 38mm TIMBER STUDS, WITH 65mm THICK ISOVER APR 1200 ACOUSTIC INSULATION PACKED BETWEEN
- INDICATES HALF HOUR FIRE RESISTANCE TO STUD PARTITION 88mm OVERALL THICKNESS COMPRISING 63X38 mm TIMBER STUD WITH 12.5mm WALLBOARD EITHER SIDE.

Ground Floor Plan
Plot 10 As
Plots 01 & 08 Handed

First Floor Plan
Plot 10 As
Plots 01 & 08 Handed

Second Floor Plan
Plot 10 As
Plots 01 & 08 Handed

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RIBA CHARTERED PRACTICE
NUMBER 20000159

Drawings not to be scaled.
Work to figured dimensions only.
All dimensions to be checked on site, and any discrepancies reported to the Architect immediately

All drawings are to be read in conjunction the BELLWAY Company Specification and Project Specifications, Company Standard Details and with the current Building Regulations and Codes of Practice.

It is the Contractor's responsibility to ensure that all works are carried out in accordance with the same.

All concrete work to be carried out in accordance with BS EN 1992-1-1:2004.

All brickwork and blockwork to be carried out in accordance with BS EN 1996-1-2:2005.

All structural steelwork to be carried out in accordance with BS EN 1993-1-1:2005 Steelwork to be Grade S275.

All structural timber to be used in accordance with BS EN 1995-1-1:2004 and is to be preservative treated in accordance with BS4072.

All plumbing to be in accordance with BS6700, BS EN 12056, BS6465:Part 1 and BS6367.

All glass falling within critical zones as defined by Part N of the Building Regulations is to be toughened or safety glass in accordance with BS EN 12600

All building works to be undertaken in accordance with Robust Enhanced Accredited Details.

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REGENT'S GATE
VIRGINIA WATER SOUTH

THE AUGUSTA
Ground, First & Second Floor Plan

1:50 @ A1 (50mm @ A1)

MARCH 2024

DK

WADP-004_AUGUSTA | C2