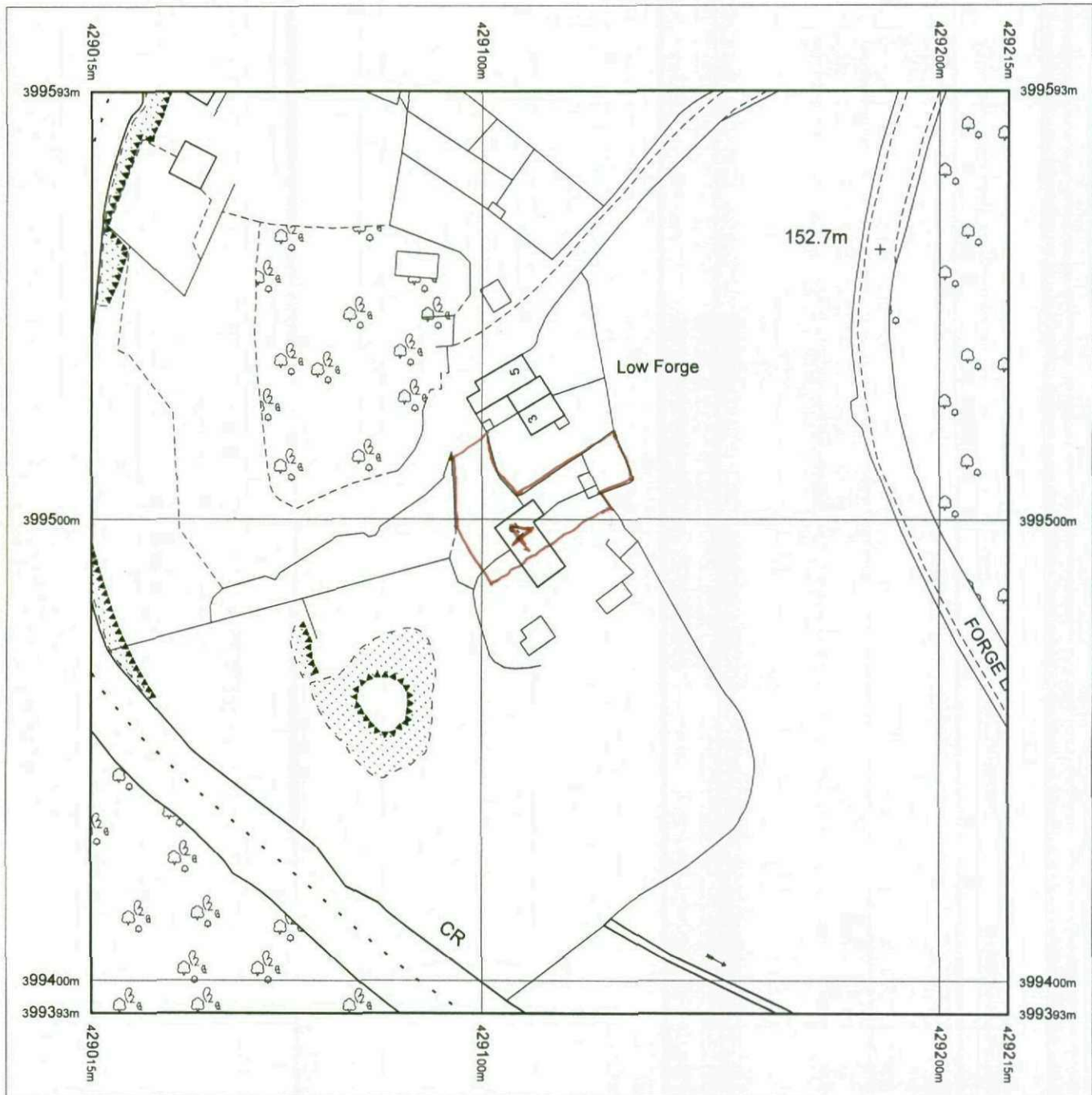




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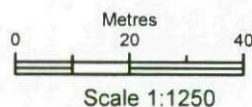
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The representation of features as lines is no evidence of a property boundary.

Part or all of this OS Sitemap is enlarged from mapping produced at one or more of the following scales: 1:1250, 1:2500, 1:10000.

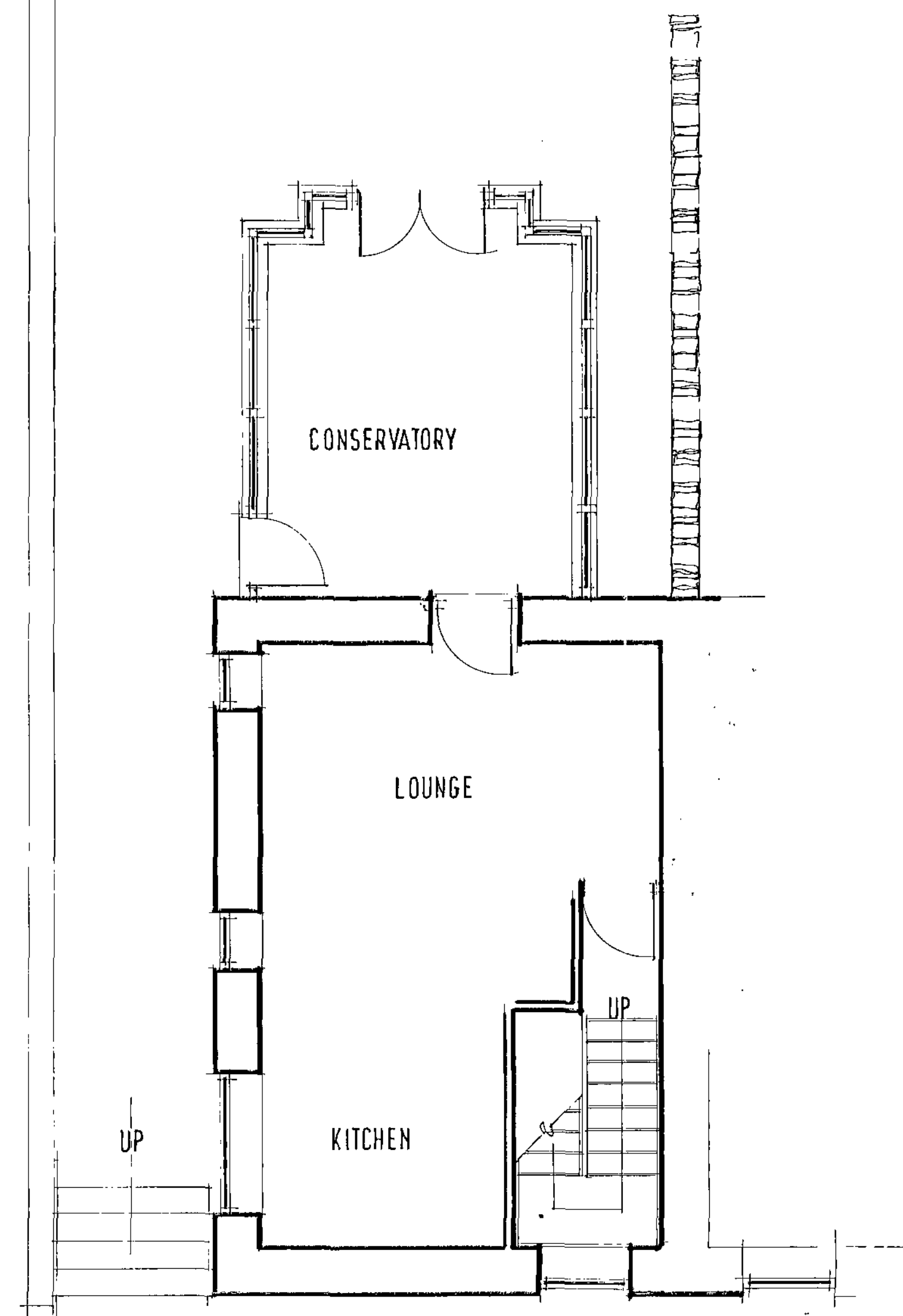


Supplied by: **Barnsley MBC**

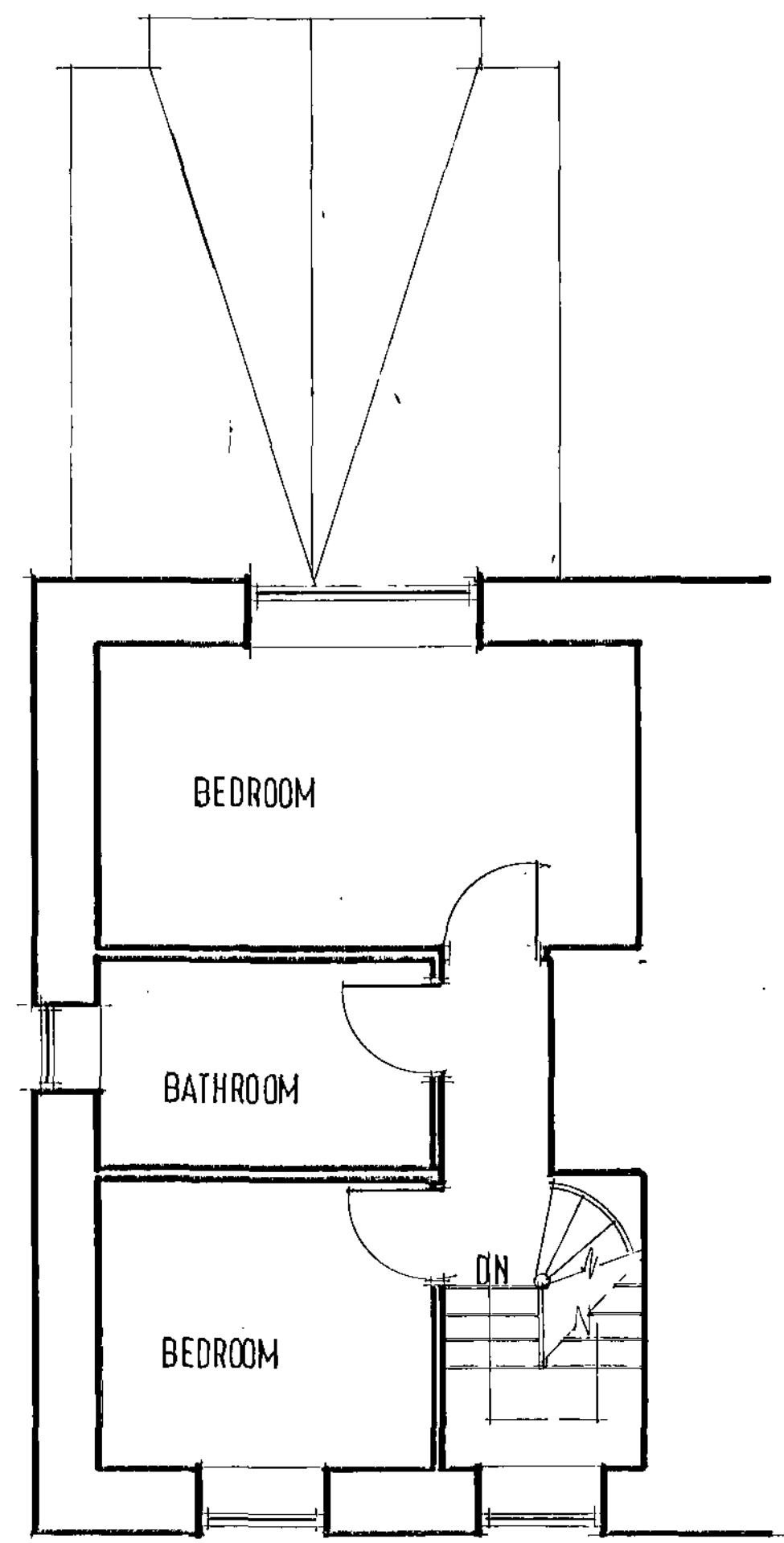
Serial number: 00012100

Centre coordinates: 429115 399492.75

Further information can be found on the OS Sitemap Information leaflet or the Ordnance Survey web site:
www.ordnancesurvey.co.uk



GROUND FLOOR PLAN EXISTING



FIRST FLOOR PLAN EXISTING



SIDE ELEVATION EXISTING



REAR ELEVATION EXISTING

Nº 4, LOW FORGE
FORGE LANE
WORTLEY
S 35 7 DN

SCALE 1:50

DATE MARCH 09

DRAWN R HARRIS

2009 : 10:01

Millé
design

R. Harris, F.C.S.D.
M. E. Harris, B.A. Hons
design & construction

Architectural planning,
building & interiors
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SPAN 4.1m x 4.1m

LONGING - ROST = $4.1 \times 1.75 \text{ KMP}^2 \times 2 \text{ M} = 14.35 \text{ KM}^2$
SELF WEIGHT = $4.1 \times 1.75 \text{ KMP}^2 \times 1 = 7.175 \text{ KM}^2$
TOTAL LONG M = 15.525 KM^2

$M = \frac{WU}{8} = \frac{15.525 \text{ KM}^2}{8} = 1.94 \text{ KM}^2$

TRIP 203 X 102 X 35 ROST R.57.

$W_u = 4.1 \times 1.75 \times \frac{102}{0.25} \times \frac{102}{8} = 192 \text{ K} \times 19.5 \text{ M} = 3.744 \text{ KM}^2$

Z 102 = $M_{max} = \frac{1}{8} \times 192 \times 102 \times 102 = 83.1 \text{ CM}^2$ (245.8 CM² OK)

$\delta = \frac{5 \times W_u^2}{384 E I} = \frac{5 \times 15.525 \text{ KM}^2 \times 102 \times 102 \times 10^5}{384 \times 207 \times 10^9 \times 1.75 \times 10^6 \times 10^6}$

$= \frac{5368 \times 10^5}{2287 \times 10^5} = 2.3 \text{ MM}$ (24.3 MM OK)

∴ THE 203X102X35 ROST R.57 BEHIND U3 STEEL
BUT NOT END TO PROVIDE TORSIONAL RESISTANCE
AND SUPPORTED ON 150MM THICK CONCRETE FOUNDATIONS.

38 MM Ø WASTE FROM NEW KITCHEN SINK. WITH TOWN RESER
TEMP - TO DISCHARGE INTO EXISTING B.I.G.



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