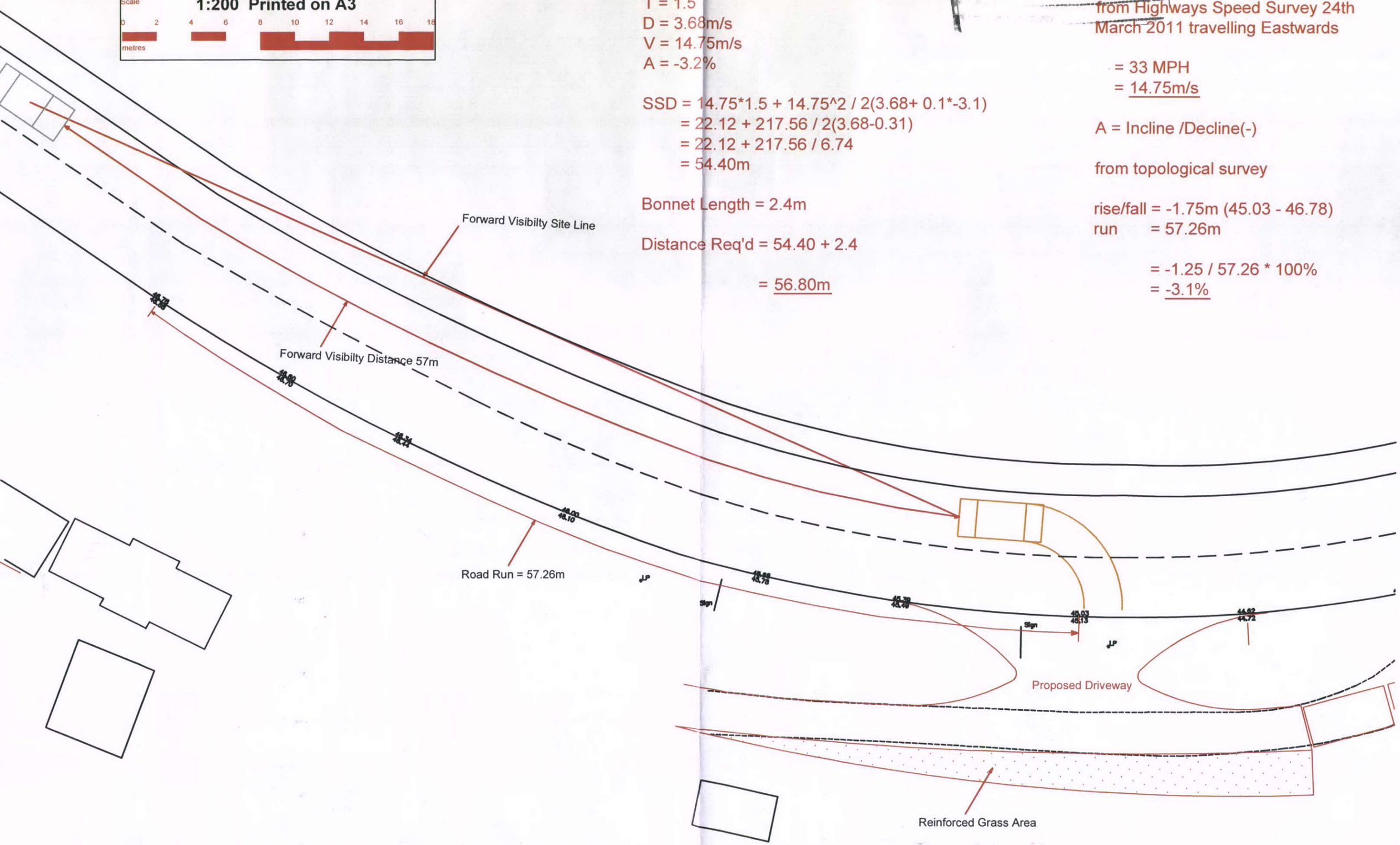
Land Adjoining 87 Chapel Road
Forward Visibility - Ver 23

Scale **1:200 Printed on A3**

0 2 4 6 8 10 12 14 16 18
metres



Taken from Manual for Streets 2

SSD = VT + V^2 / 2(D+0.1A)

T = 1.5
D = 3.68m/s
V = 14.75m/s
A = -3.2%

SSD = 14.75*1.5 + 14.75^2 / 2(3.68+ 0.1*-3.1)
= 22.12 + 217.56 / 2(3.68-0.31)
= 22.12 + 217.56 / 6.74
= 54.40m

Bonnet Length = 2.4m

Distance Req'd = 54.40 + 2.4

= 56.80m

COUNCIL
30 JAN 2012

dwg no 12.2/3

HPK/2012/0046

V = Vehicle Speed

from Highways Speed Survey 24th March 2011 travelling Eastwards

= 33 MPH
= 14.75m/s

A = Incline /Decline(-)

from topological survey

rise/fall = -1.75m (45.03 - 46.78)
run = 57.26m

= -1.25 / 57.26 * 100%
= -3.1%