Proposed Sightline Layout
Scale : 1:250

87.71m

88.44m

88.76m

89.03m

89.00m   88.95m   88.45m   87.95

89.75m

90.16m

90.35m

90.50m

90.61m

SCAIRT HILL

DONNYBROOK HILL

1.8m Footpath

2.8m Footpath

OPEN SPACE
1044m²

railing detail to be agreed with the Planning Authority

49.0m Clear Sightline

2m Footpath

Stop Sign

49.0m Clear Sightline

IMAGE B

IMAGE A

Heat Pumpsx14

Heat Pumpsx12

Heat Pumpsx12

85.45

85.95

86.45

86.95

87.45

87.50

46NO. CAR SPACES

MINOR HEAPS OF CONSTRUCTION WASTE HERE

MINOR HEAPS OF CONSTRUCTION WASTE HERE

+86.500
+86.00
+86.50
+86.50
+87.50

+84.50
+84.50
+85.50
+88.50
+81.75

EDGE OF VEGETATION

FFL 85.55m

FFL 86.00m

FFL 86.45m

FFL 86.90m

PRIVATE GARDEN 57.6m²

PRIVATE GARDEN 62.2m²

PRIVATE GARDEN 62.7m²

PRIVATE GARDEN 99.0m²

Ridge +96.07   FFL 88.55m

Ridge +95.54   FFL 88.10m

Ridge +95.20   FFL 87.65m

Ridge +94.54   FFL 87.20m

PRIVATE GARDEN 70.0m²

PRIVATE GARDEN 68.0m²

PRIVATE GARDEN 67.9m²

PRIVATE GARDEN 205.1m²

Design speed (Km/h)	SSD Standard (Meters)
10 (Km/h)	8m
20 (Km/h)	15m
30 (Km/h)	24m
40 (Km/h)	26m
50 (Km/h)	49m
60(Km/h)	65m

Setback distance 2.4m as per Section 4.4.5 Visibility Splays of **Design Manual for Urban Roads & Streets (DMURS)**

DRIVER HEIGHT   OBJECT HEIGHT
2.00m   1.05m
1.05m   0.26m
" DESIGN SPEED "
SIGHTLINE REQUIREMENT IN THE VERTICAL PLANE
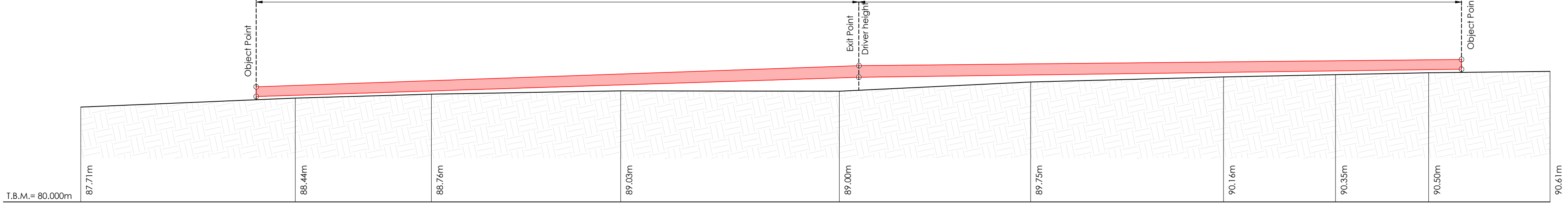AS PER FIGURE 2/2 OF NRA ROAD GEOMETRY HANDBOOK (TD41/95)
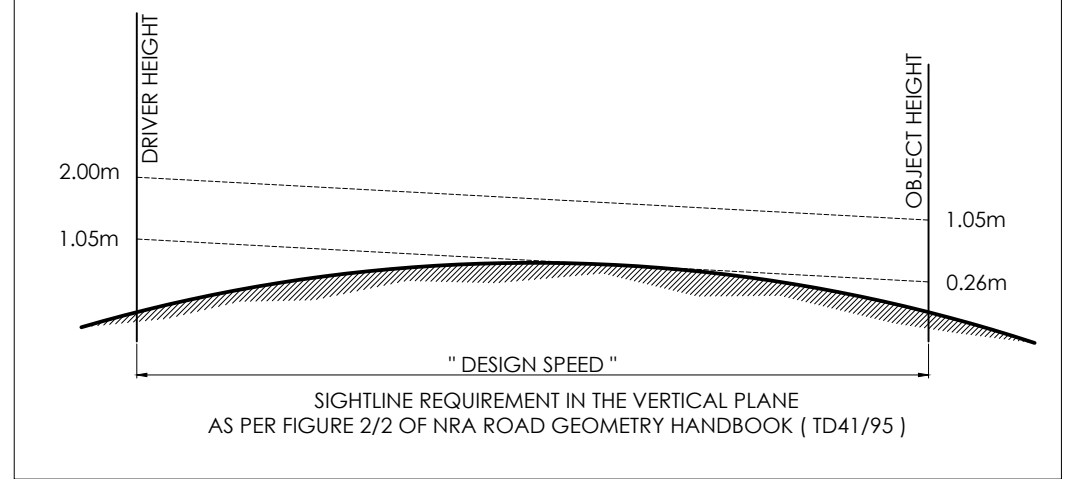
Sightlines - Image A - South

Sightlines - Image B - North

Sight distance of 49m as per **Table 4.2 of Design Manual for Urban Roads & Streets (DMURS)**

49m Clear Sightline

Object Point

Exit Point / Driver Height

49m Clear Sightline

Sight distance of 49m as per **Table 4.2 of Design Manual for Urban Roads & Streets (DMURS)**

Object Point

T.B.M.= 80.000m

87.71m   88.44m   88.76m   89.03m   89.00m   89.75m   90.16m   90.35m   90.50m   90.61m

Sightline Elevation Entrance No 2 - Proposed Vertical Alignment
Scale 1:250

B	E.C.	B.O'S.	C.O'S.	29.06.'22	Issued For Part 8 Planning
A	G.S.	B.O'S.	C.O'S.	01.06.22	Issued for Part 8 Application
REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS

CLIENT

PROJECT
Scairt Hill, Douglas, Cork

DRAWING TITLE
Proposed Sightline Layout

SHEET	SCALE	PROJECT NO.	DRAWING NO.	STATUS/ISSUE
A1	1:250	6415	5012	B