Proposed Sightline Layout
Scale : 1:250

Belisha Beacon

Zebra Crossing Width to be agreed. Min. Width 2.4m

Zebra Crossing Road Markings

Stop Sign

IMAGE A

IMAGE B

SITE BENCHMARK IS A HILTI NAIL IN FOOTPATH WITH RED TAPE LEVEL=32.780m

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Sightline Elevation 01 - Proposed Vertical Alignment
Scale 1:200

50m Clear Sightline

Sight distance of 50m as per **Table 4.2 of Design Manual for Urban Roads & Streets (DMURS)**

50m Clear Sightline

Sight distance of 50m as per **Table 4.2 of Design Manual for Urban Roads & Streets (DMURS)**

Object Point — Exit Point — Driver Height — Object Point

T.B.M.=20.000m

| 33.370m | 33.370m | 34.400m | 34.550m | 34.660m | 34.790m | 34.820m | 34.590m | 34.450m | 34.380m | 33.980m | 33.900m | 32.550m |

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)

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)**

Sightlines - Image A - North

Sightlines - Image B - South

REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS
F	E.C.	B.O'S.	C.O'S.	06.09.'24	Revised And Reissued For Part 8
E	E.C.	B.O'S.	C.O'S.	26.08.'24	Revised And Reissued For Part 8
D	E.C.	B.O'S.	C.O'S.	24.05.'24	Issued For Part 8 Feedback

CLIENT

DRAWING TITLE
Proposed Sightline Layout

PROJECT
Development at Glyntown, Glanmire, Co. Cork

SHEET	SCALE	PROJECT NO.	DRAWING NO.	STATUS/ISSUE
A1	1:250	6291	5013	F