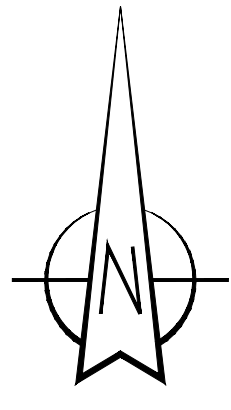


Appendix C - Access Arrangements



Visibility Splay Requirements

ATC location 1 (east of Ampney Park access junction)
Westbound 85th percentile vehicle speed = 52.7mph

Stopping Site Distance (SSD) requirements based on Manual for Streets 2 formula:
52.7mph = SSD of 160m

ATC location 2 (west of Ampney Park access junction)
Eastbound 85th percentile vehicle speed = 48.7mph

Stopping Site Distance (SSD) requirements based on Manual for Streets 2 formula:
48.7mph = SSD of 140m

Key:

- Proposed Carriageway
- Existing Carriageway
- Existing Verge
- Junction Visibility Splay

P02	UPDATED CLIENT DETAILS	EF	PW	PW	16.06.2023
P01	FIRST ISSUE	EF	PW	LC	15.06.2023
REV	DESCRIPTION	DRN	CHK	APP	DATE

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Client
AMPNEY PARK LTD

Project
AMPNEY PARK, CIRENCESTER

Drawing Title
PROPOSED ACCESS ARRANGEMENT

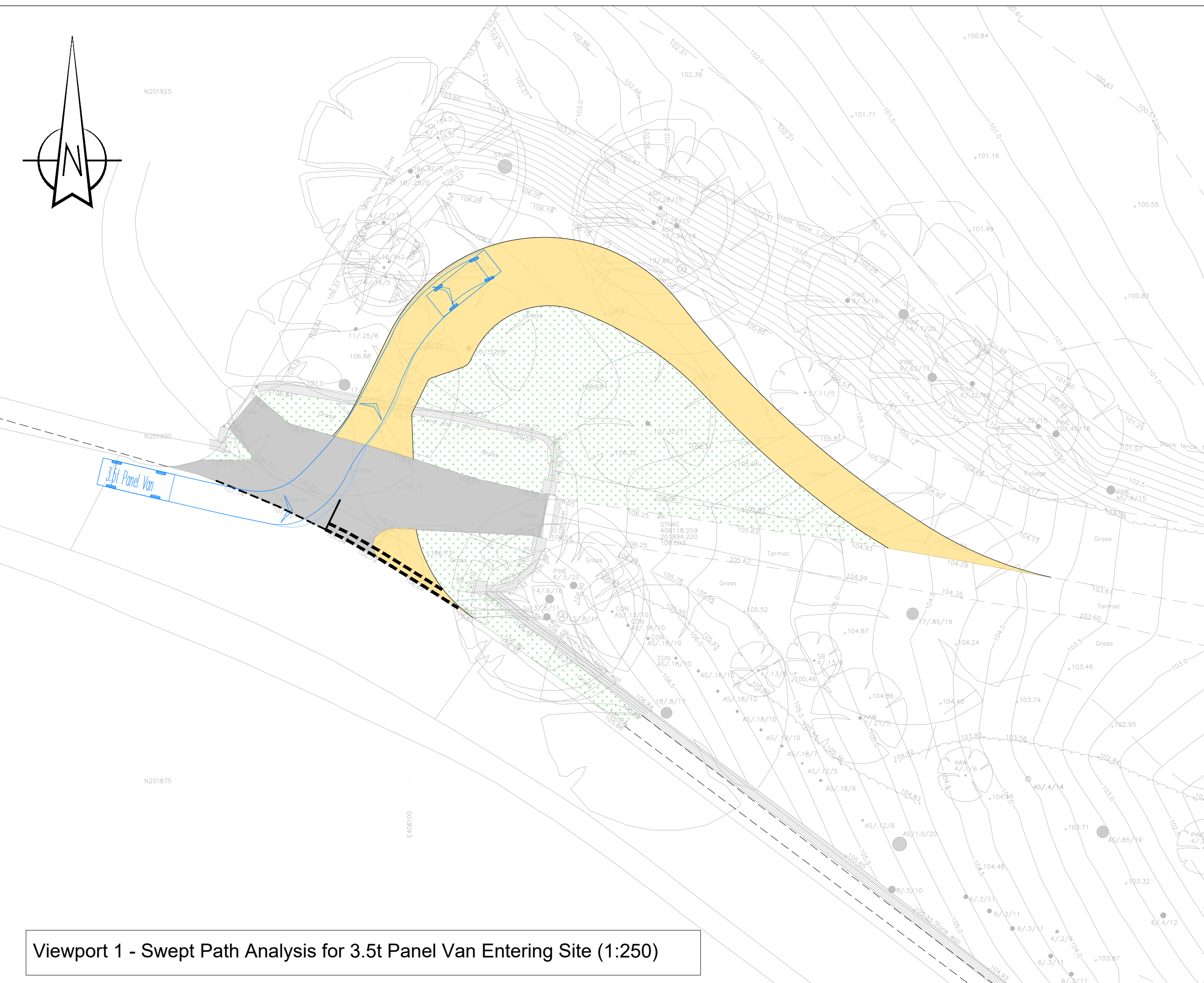
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Designed	EF	JUNE 2023	File No.	105127-PEF-XX-XX-DR-C-000004.dwg
Checked	PW	JUNE 2023	Drawing Status	FOR INFORMATION
Approved	LC	JUNE 2023	Drawing No.	105127-PEF-XX-XX-DR-C-000004

Revision	P02
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Viewport 2 - Indicative Access Arrangement (1:250)

Viewport 1 - Visibility Analysis (1:500)

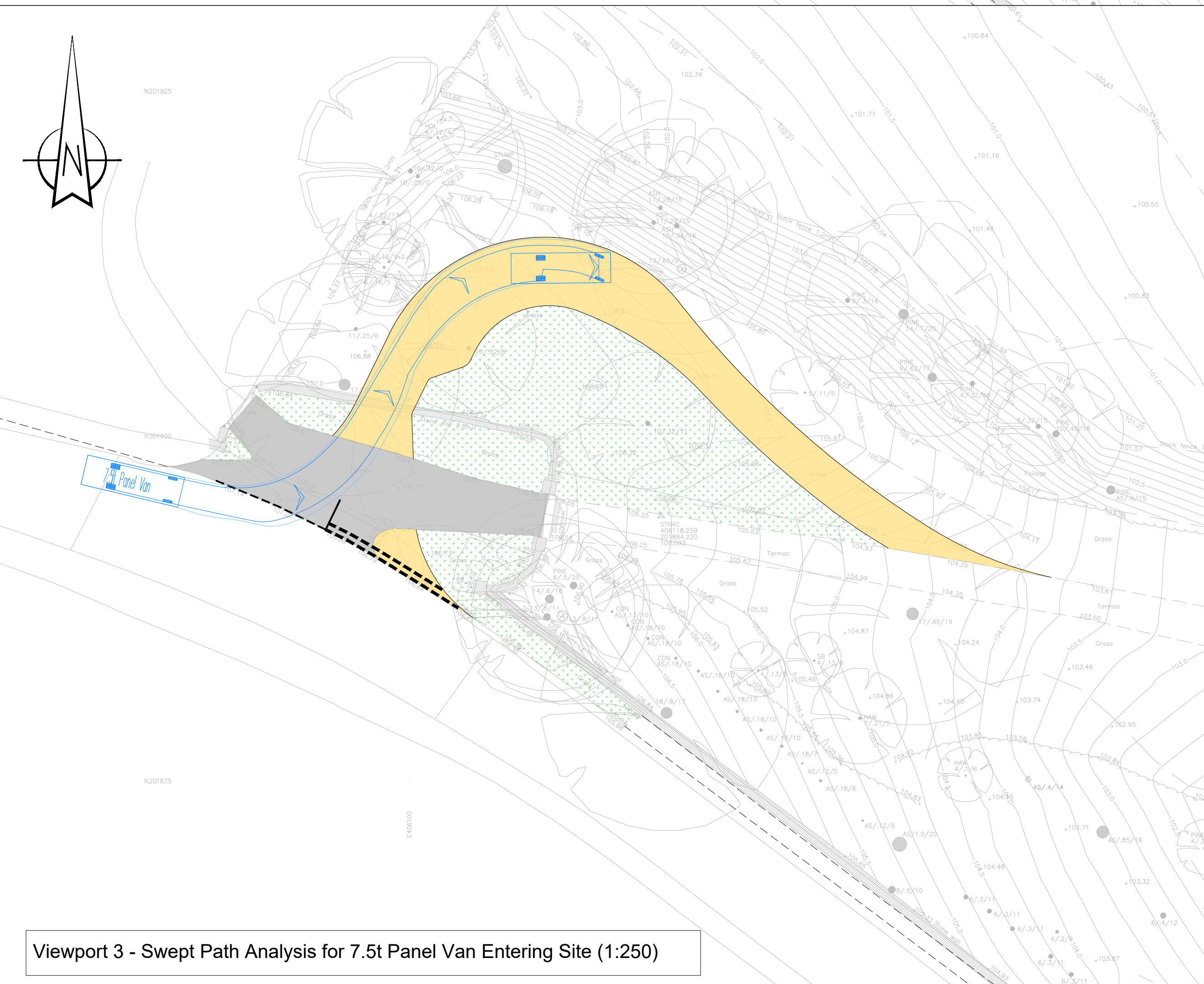
Appendix D - Autotrack Assessments



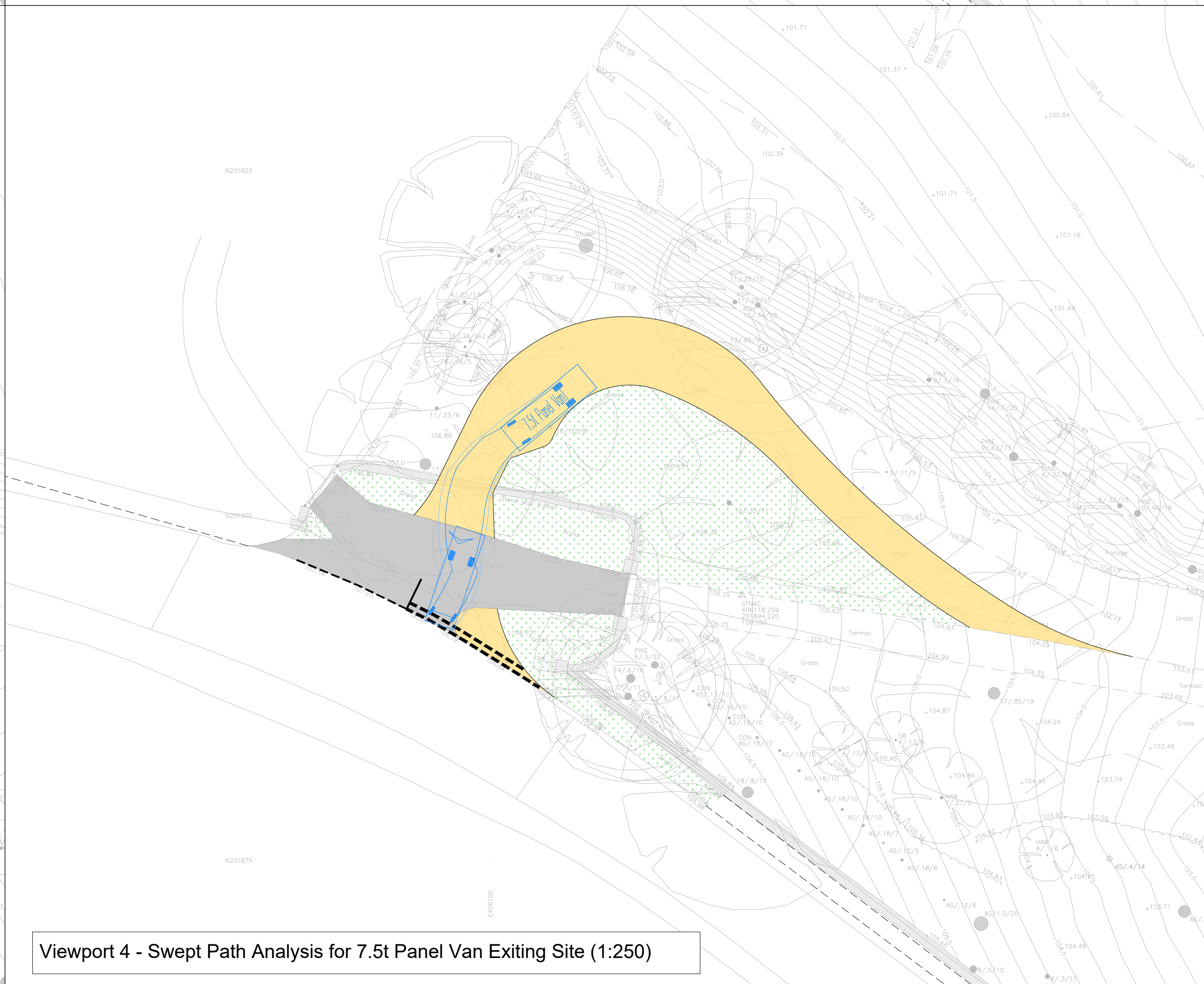
Viewport 1 - Swept Path Analysis for 3.5t Panel Van Entering Site (1:250)



Viewport 2 - Swept Path Analysis for 3.5t Panel Van Exiting Site (1:250)



Viewport 3 - Swept Path Analysis for 7.5t Panel Van Entering Site (1:250)



Viewport 4 - Swept Path Analysis for 7.5t Panel Van Exiting Site (1:250)

NOTES:

	<p>3.5t Panel Van</p> <p>Overall Length 5.339m</p> <p>Overall Width 2.192m</p> <p>Overall Body Height 2.564m</p> <p>Min Body Ground Clearance 0.338m</p> <p>Track Width 1.665m</p> <p>Lock to lock time 4.00s</p> <p>Kerb to Kerb Turning Radius 6.400m</p>
	<p>7.5t Panel Van</p> <p>Overall Length 7.210m</p> <p>Overall Width 2.192m</p> <p>Overall Body Height 2.564m</p> <p>Min Body Ground Clearance 0.338m</p> <p>Track Width 1.665m</p> <p>Lock to lock time 4.00s</p> <p>Kerb to Kerb Turning Radius 7.400m</p>

P02	UPDATED CLIENT DETAILS	EF	PW	PW	16.06.2023
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Project
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Drawing Title
**SWEPT PATH ANALYSIS
 3.5t PANEL VAN &
 7.5t PANEL VAN**

Name	Date	Scale	1:250 @ A1
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Designed	EF	JUNE 2023	File No. 105127-PEF-XX-XX-DR-C-000005.dwg
Checked	PW	JUNE 2023	Drawing Status FOR INFORMATION
Approved	LC	JUNE 2023	
Drawing No.	105127-PEF-XX-XX-DR-C-000005		Revision P02