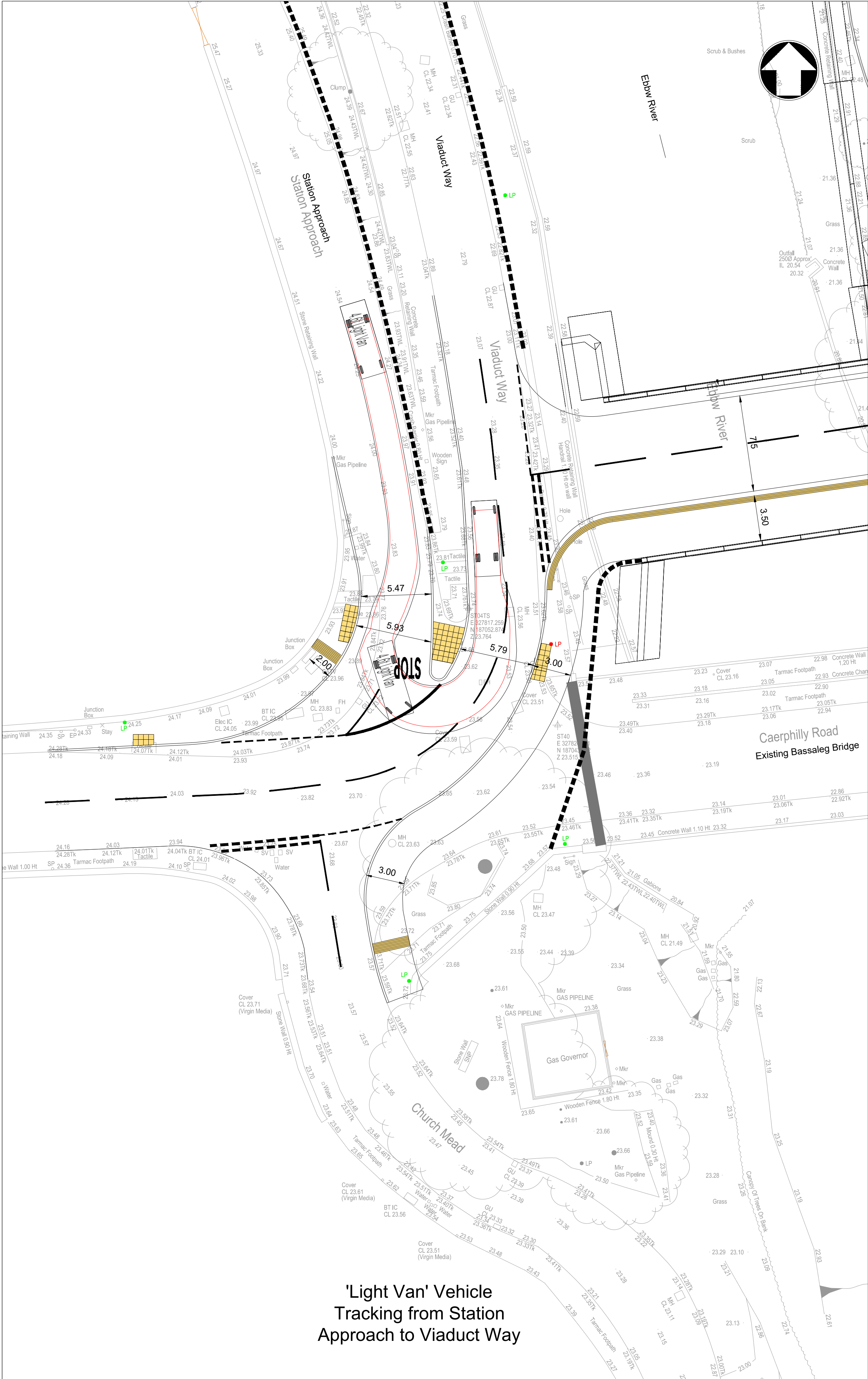
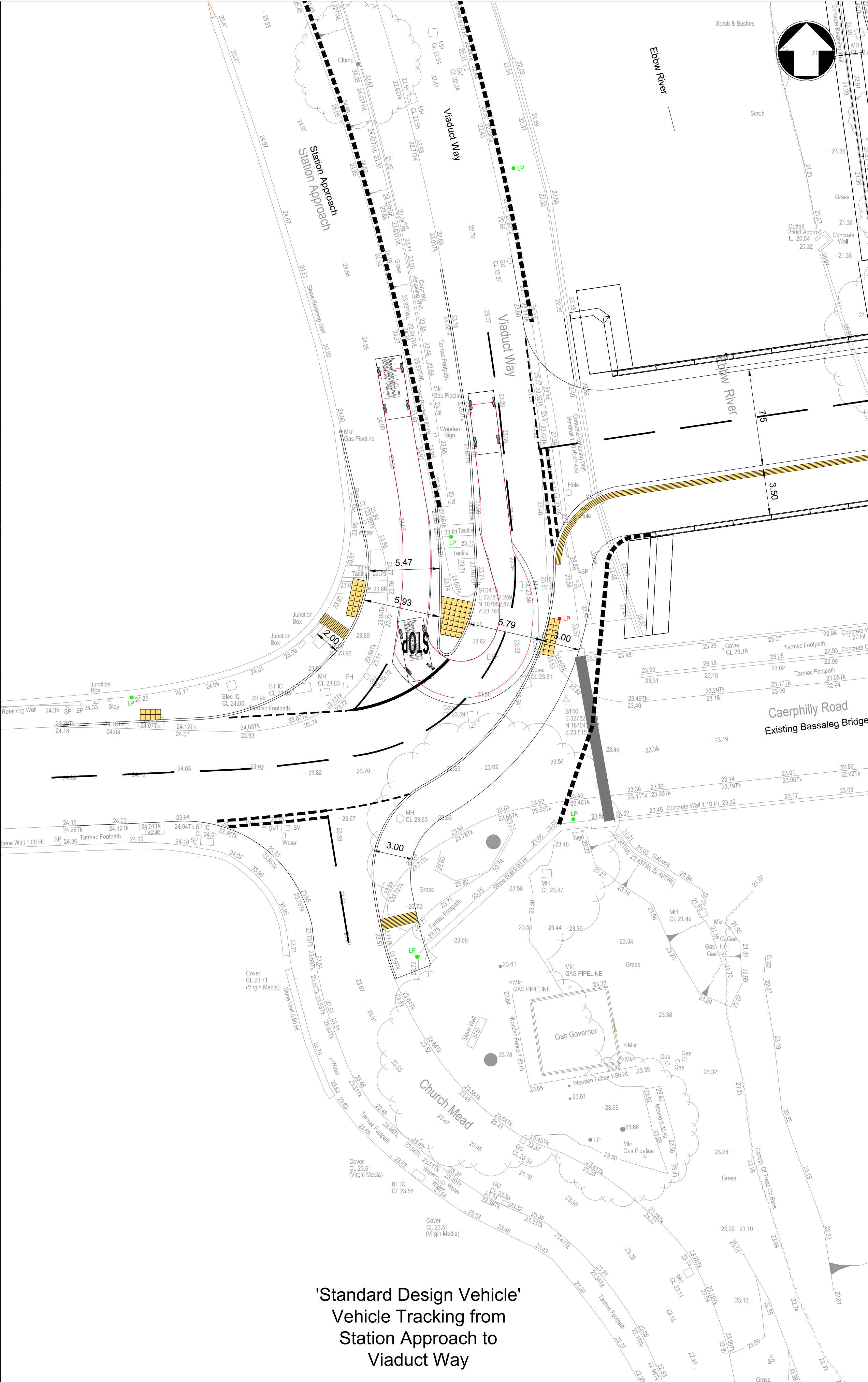




'Light Van' Vehicle
Tracking from Station
Approach to Viaduct Way

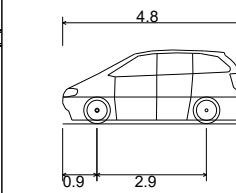


'Standard Design Vehicle'
Vehicle Tracking from
Station Approach to
Viaduct Way

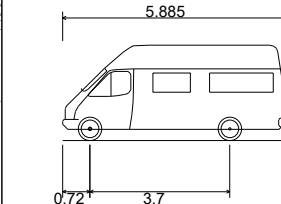
- Notes
- This drawing is to be read in conjunction with all discipline information. Any discrepancies shall be referred to Mott MacDonald before proceeding.
 - Do not scale any items or information from this drawing.
 - All dimensions shown in metres unless otherwise stated.
 - All levels are in metres above Ordnance Datum (AOD).
 - Drawing is to be read in colour.
 - Utility assets are present throughout the scheme. See C2 returns and PAS128 Survey within PCI for more information. No digging should take place until the contractor has obtained up to date service plans, surveyed the ground with a CAT scan (or other utility locating devices), and be satisfied that all services have been located, taking advantage of any 'dial before you dig' schemes.
 - The service information provided within the PCI does not take into account privately owned services. The Contractor must satisfy themselves that all privately owned services have been located.
 - The topographical surveys ref (Bassaleg Bridge Project-Topographic) (Dated-2024.11.17), has been provided by third-parties (Infomap Surveys). Mott MacDonald accepts no liability for the accuracy of this information.
 - The location and construction form of existing structures are shown indicatively using best judgement from all available information. The position and form of these structures should not be relied upon nor considered accurate. Topographical surveys undertaken only record above ground features. Drawings provided for flood walls are design drawings rather than as-built and so cannot be relied upon. No drawings are available for the Viaduct Way retaining walls and the form and extent of their foundations are unknown.

Key to symbols

- Chassis Envelope
Body Envelope
Vehicle Outline



Standard Design Vehicle (SDV)
Overall Length 4.800m
Overall Width 2.000m
Overall Body Height 1.950m
Min Body Ground Clearance 0.100m
Track Width 2.000m
Lock to lock time 4.00s
Wall to Wall Turning Radius 6.000m



4.6t Light Van
Overall Length 5.885m
Overall Width 2.000m
Overall Body Height 2.526m
Min Body Ground Clearance 0.299m
Track Width 1.765m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 6.000m

Reference drawings

100119581-MMD-XX-XX-DR-HW-3201 - Highway General Arrangement

P01	05/11/2025	N.B	Preliminary Issue	D.O	K.L
Rev	Date	Drawn	Description	Ch'k'd	App'd

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NEWPORT CITY COUNCIL
CHYDRA DWY
CASNEWYDD

Title

Bassaleg Bridge Detailed Design
Highways
Vehicle Tracking Sketch
Station Approach to Viaduct Way

Designed	N.Bergeson	N.B	Eng check	D.Owen	D.O
Drawn	N.Bergeson	N.B	Coordination	O.Jefferies	O.J
Dwg check	K.M.Lee	K.M.L	Approved	K.Lee	K.L

Scale at A1	Status	Rev	Security
1:200	PRE	P01	STD

Drawing Number
100119581-MMD-XX-XX-SK-HW-0007

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