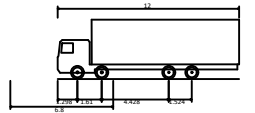
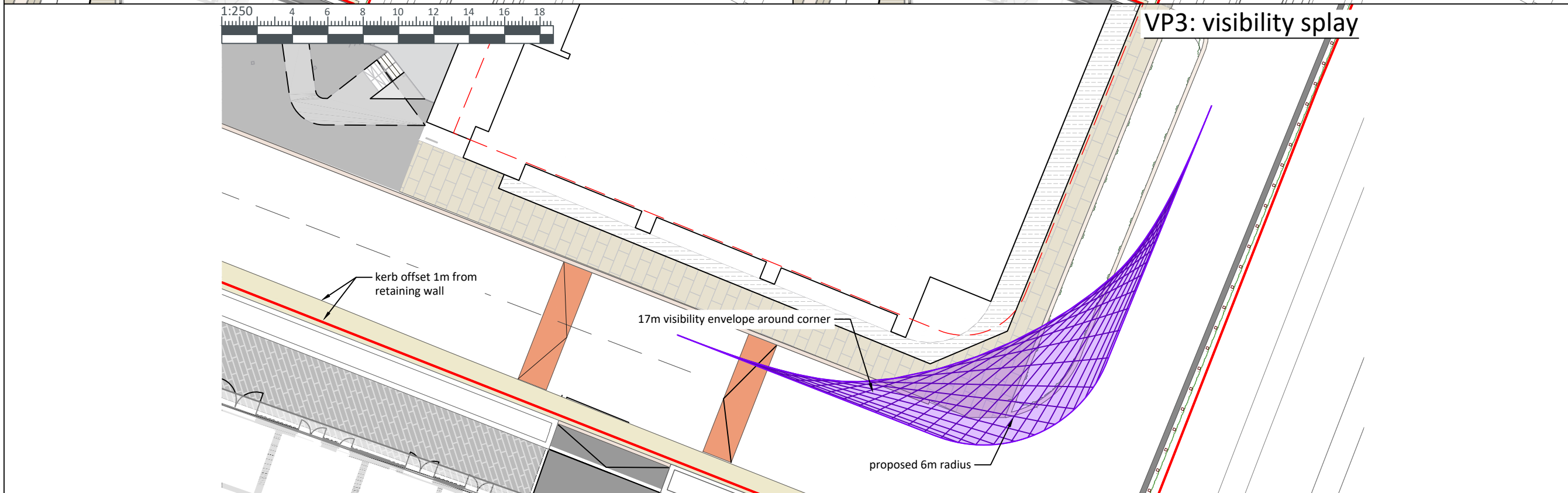
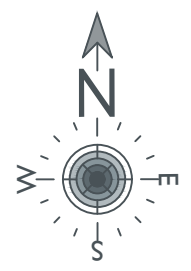


- NOTES**
1. These drawings have been produced with reference to the CDM Regulations 2015. Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9.
 2. All dimensions in metres unless stated otherwise.
 3. This drawing is based on background mapping and layout details contained in RMA drawing '630_01 (MP) xref masterplan REV P' received 15/02/2022.
 4. The purpose of this drawing is to demonstrate the swept path of a rigid truck accessing the labs, turning and leaving.
 5. The radius on the southern bend has been increased from 2m to 6m to support the left-turning movement. The design vehicle still needs to swing out into the opposite site of the road to complete manoeuvres around the bend. If large vehicle movements are infrequent, this may be acceptable if suitable visibility can be achieved around the bend, to allow vehicles to stop before entering the bend into the path of an oncoming vehicle.
 6. The access road to the south of the MSCP has been offset 1m from the retaining wall running along the southern edge, to provide space for wall foundations and kerb construction.
 7. VP3 sets out a visibility splay around the southern bend, based on a path offset 1.5m from the inner kerb line.
 8. Visibility based on Manual for Streets recommended stopping sight distance for 15mph design speed (17m).



Rigid Truck	12.000m
Overall Length	2.500m
Overall Width	3.928m
Overall Body Height	0.412m
Min Body Ground Clearance	2.471m
Track Width	6.000m
Lock to lock time	11.900m
Kerb to Kerb Turning Radius	



REV	DATE	REVISION NOTE	BY
P7	11.10.22	Masterplan update	GD
P6	25.05.22	Site layout updated, tracking updated to suit	OB
P5	27/04/22	Updated to suit latest masterplan	OB
P4	16/02/22	Updated to suit latest masterplan	JAL
P3	04/11/21	Forward visibility envelope changed to 17m	JG
P2	01/11/21	Updated to suit latest masterplan	JG
P1	18/10/21	Additional tracks shown on VP1 and VP2	JG
P0	08/10/21	First issue	JG

PJA Seven House · High Street
Longbridge · Birmingham
B31 2UQ · Tel: 0121 475 0234

Birmingham · Bristol
Exeter · London · Reading
pja.co.uk

CLIENT
Brookgate Ltd

PROJECT
Cambridge North

DRAWING TITLE
Lab Servicing Access
Swept Path Analysis

DRAWING ISSUE STATUS

INFORMATION			
PJA JOB No.	SUB-CODE	DRAWING NO.	REVISION
05425	- C -	2103	- P7
Revision Letter: P - Prelim / A - Approval / T - Tender / C - Construction			
BIM DRAWING REFERENCE			
SCALE	DRAWN	REVIEWED	DATE
A3 @ As Shown	JG	GD	08/10/21