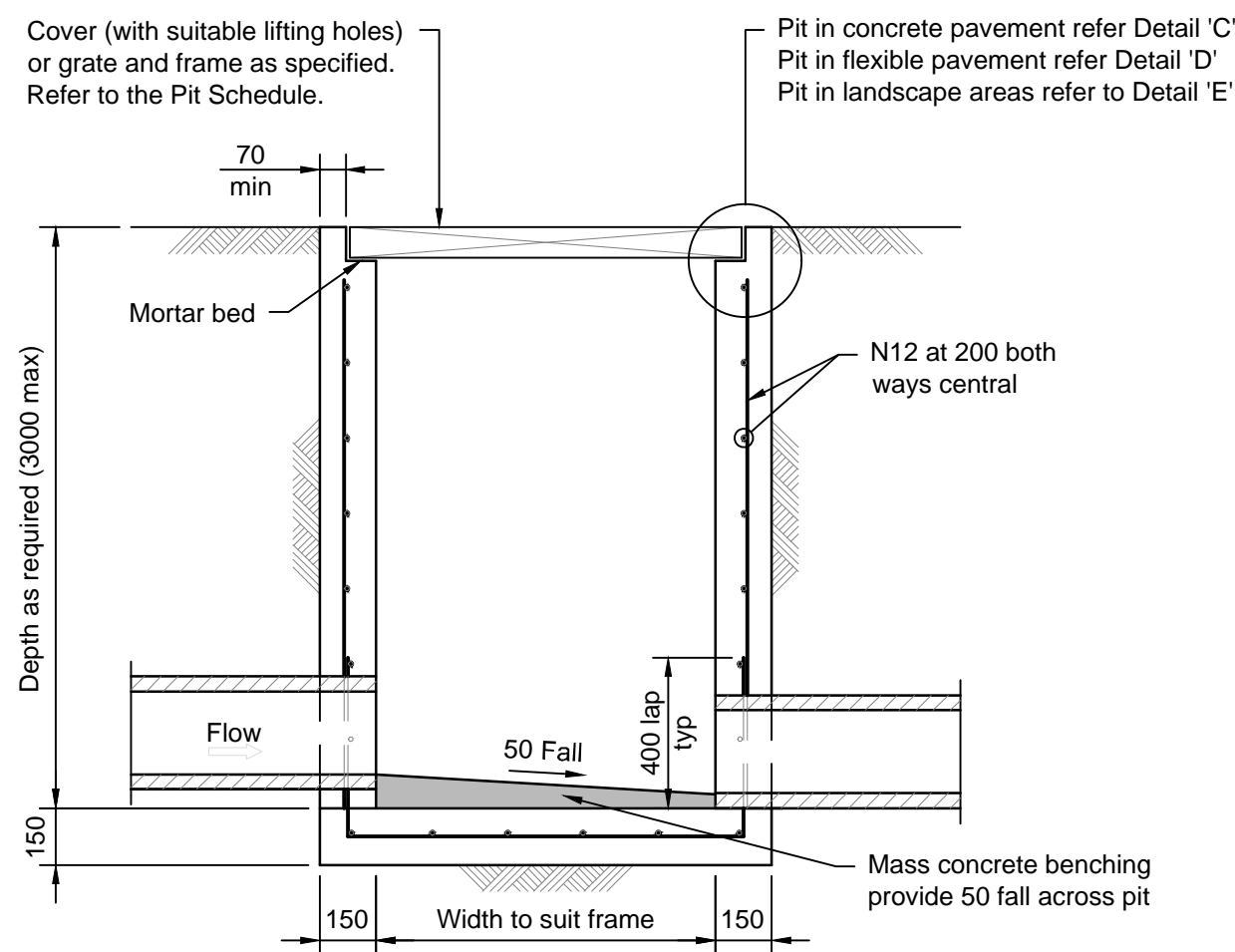


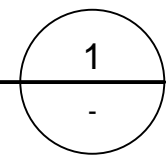
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Section

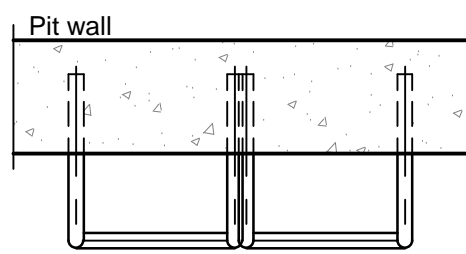
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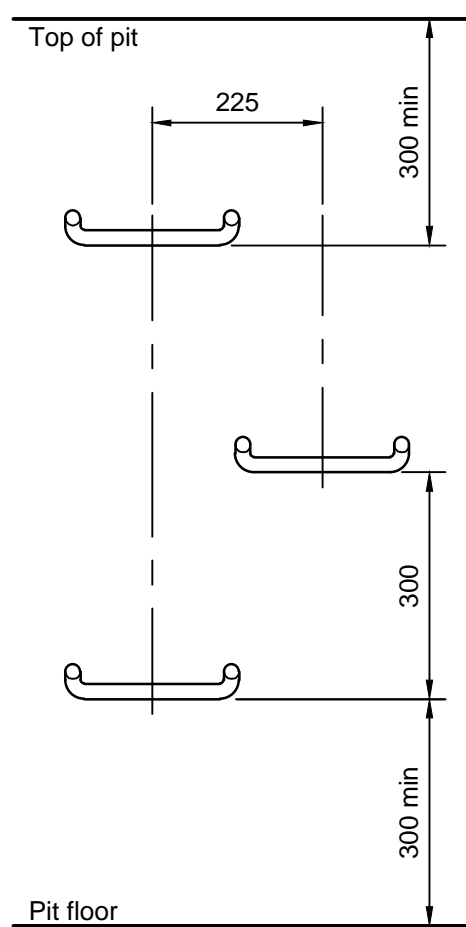
Provide step irons if pit deeper than 1000 (refer detail)

Surface Inlet / Junction Pit

(pipe sizes ≤ Ø450)



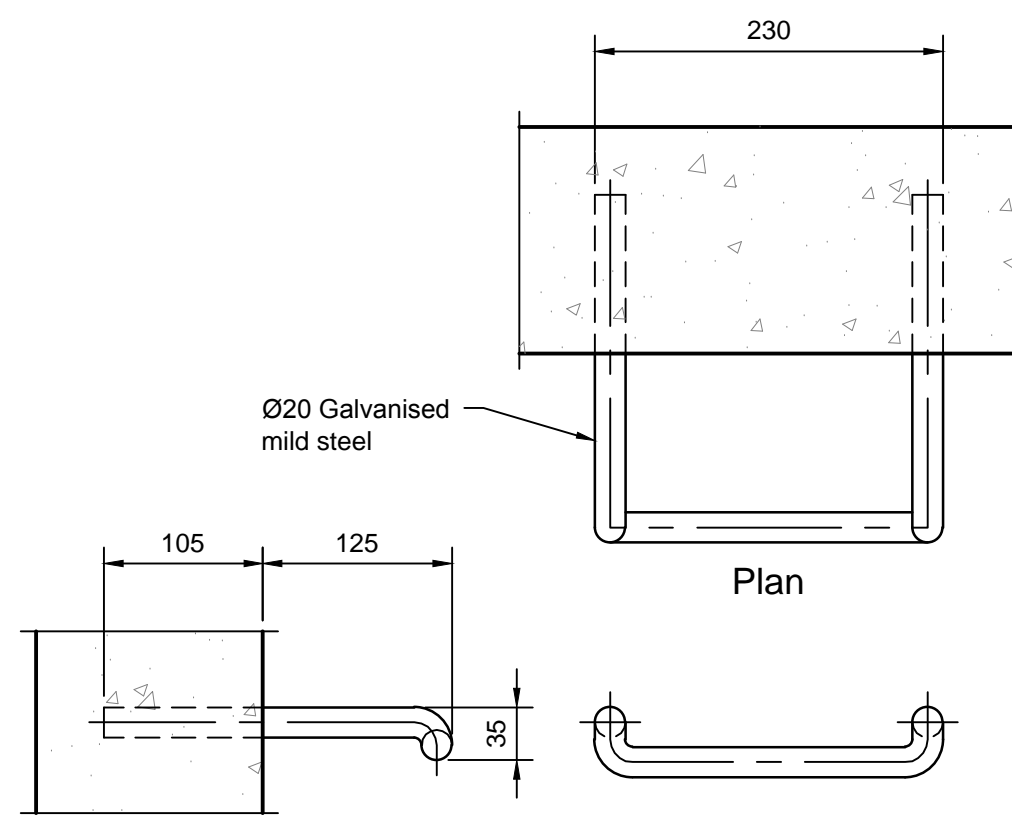
Plan



Elevation

Step Iron Placement to Pit Wall

NTS

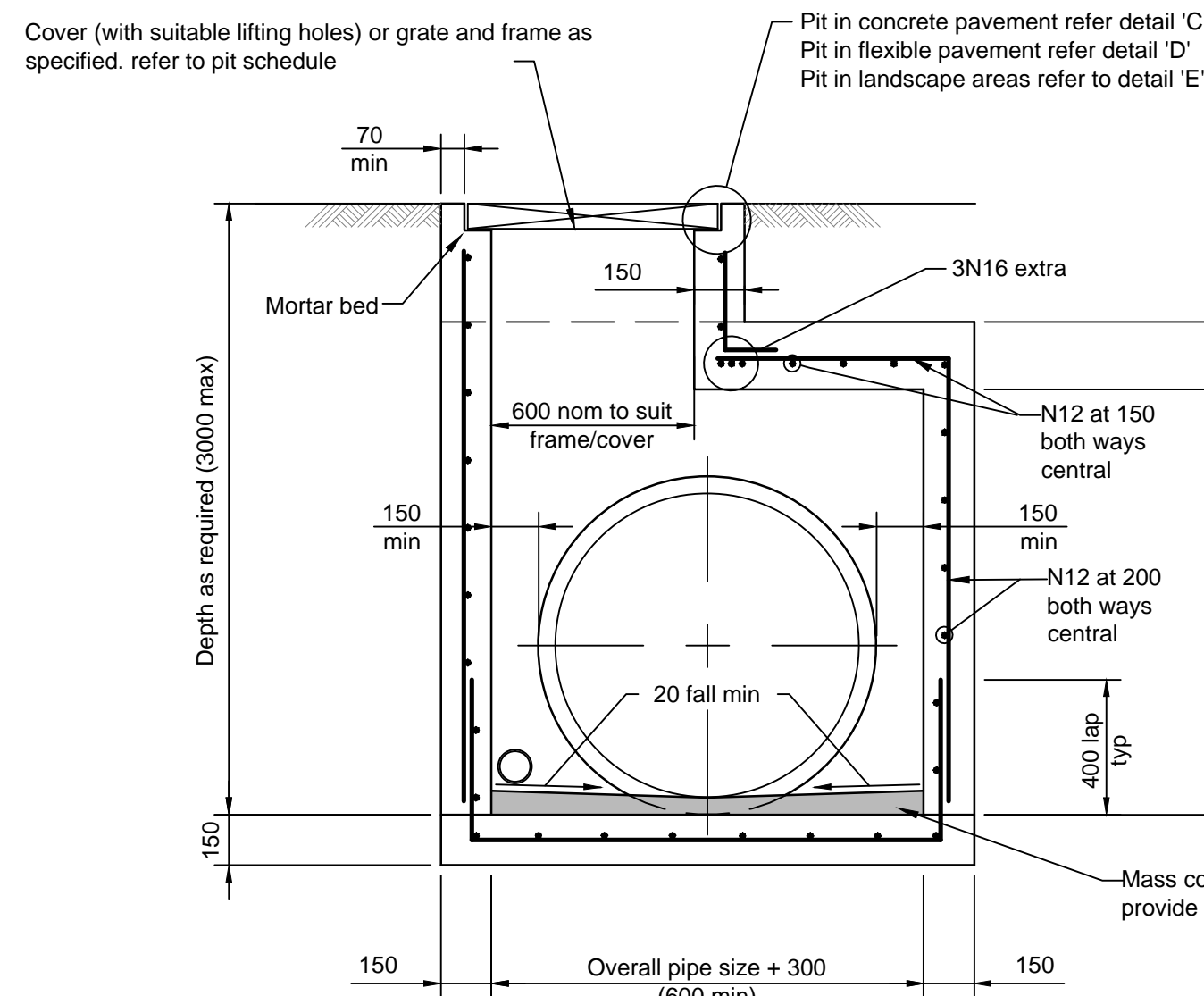


Side Elevation

Front Elevation

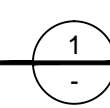
Step Iron Detail

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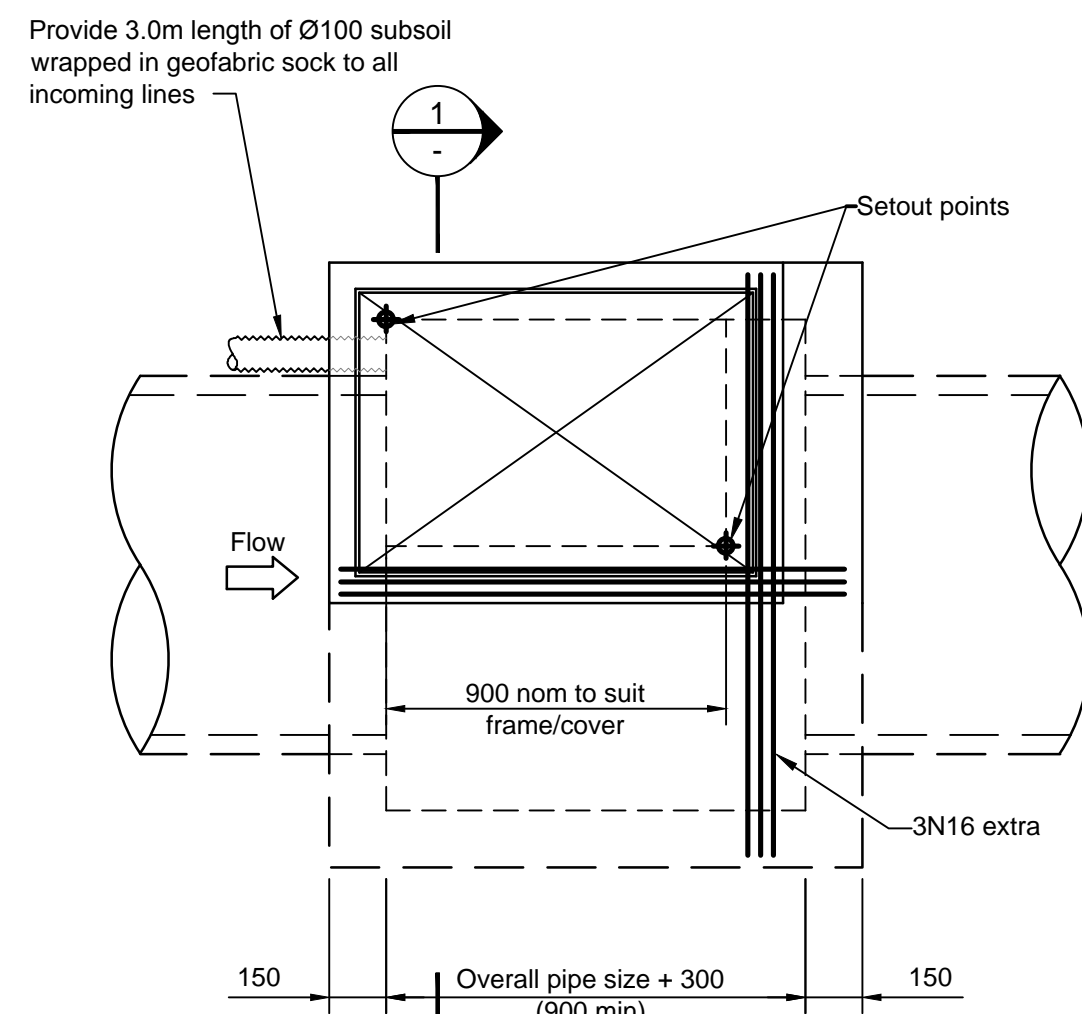
Section

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Surface inlet / junction pit

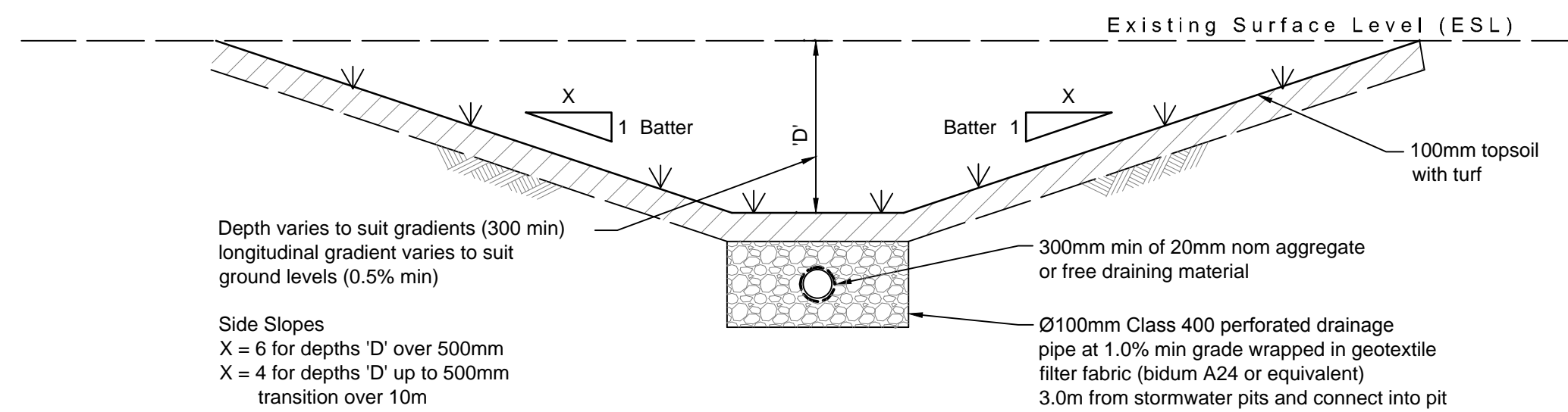
( pipe sizes > Ø450 )



Plan

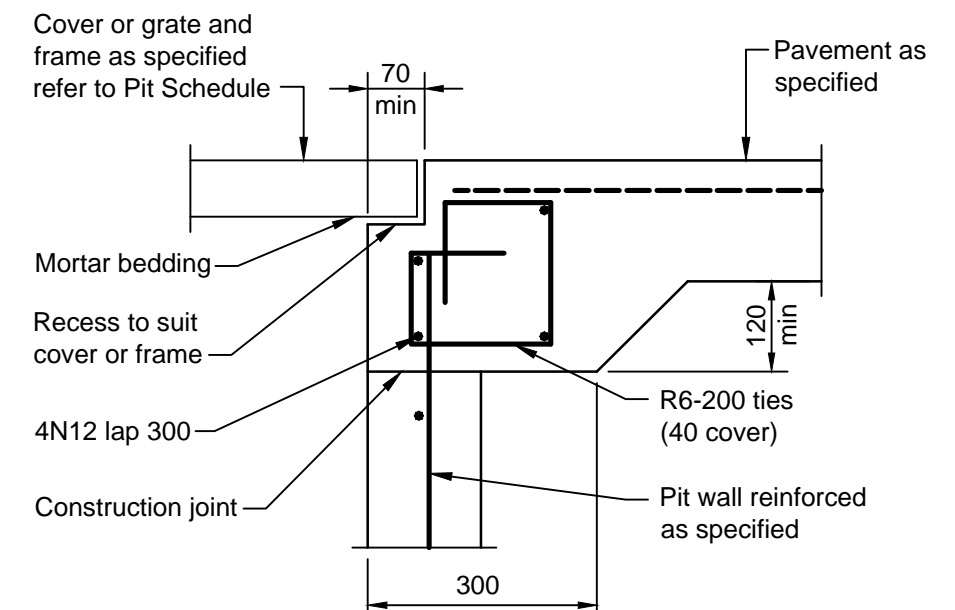
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Provide step irons if pit deeper than 1000 (refer detail)



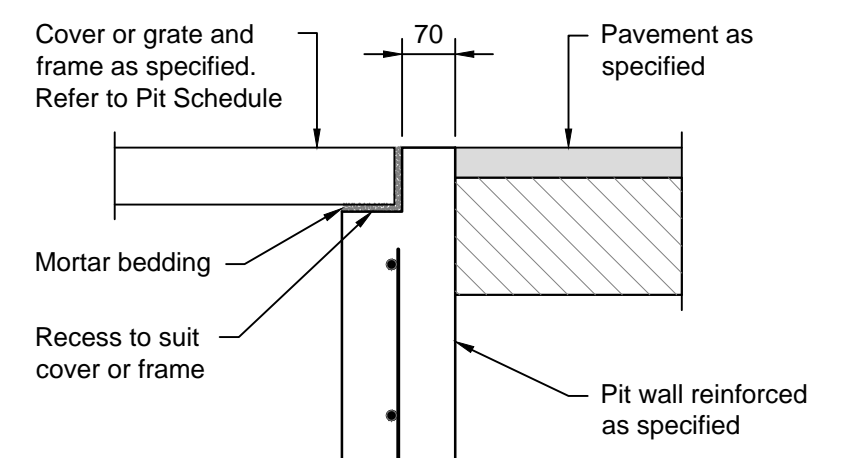
Grass Lined Swale

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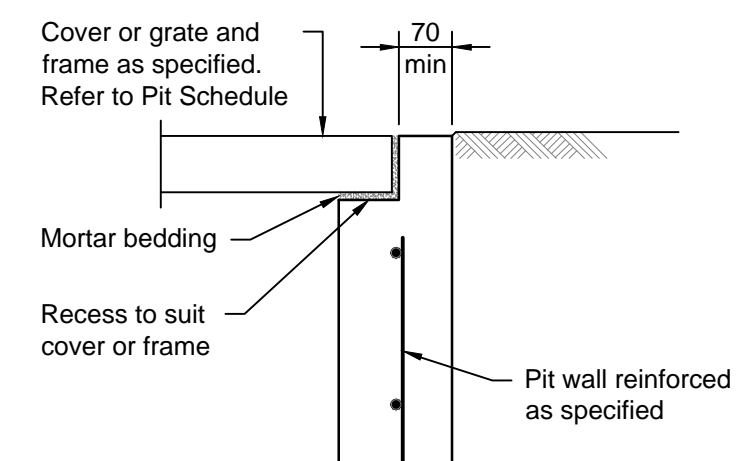
Detail 'C'

1:10



Detail 'D'

1:10



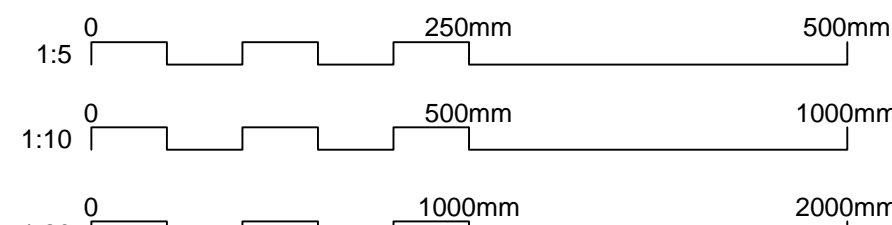
Detail 'E'

1:10

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P2	06.05.16	AMP	Issued for Approval	SR	CJA
P1	22.04.16	AMP	Issued Client Review	SR	X



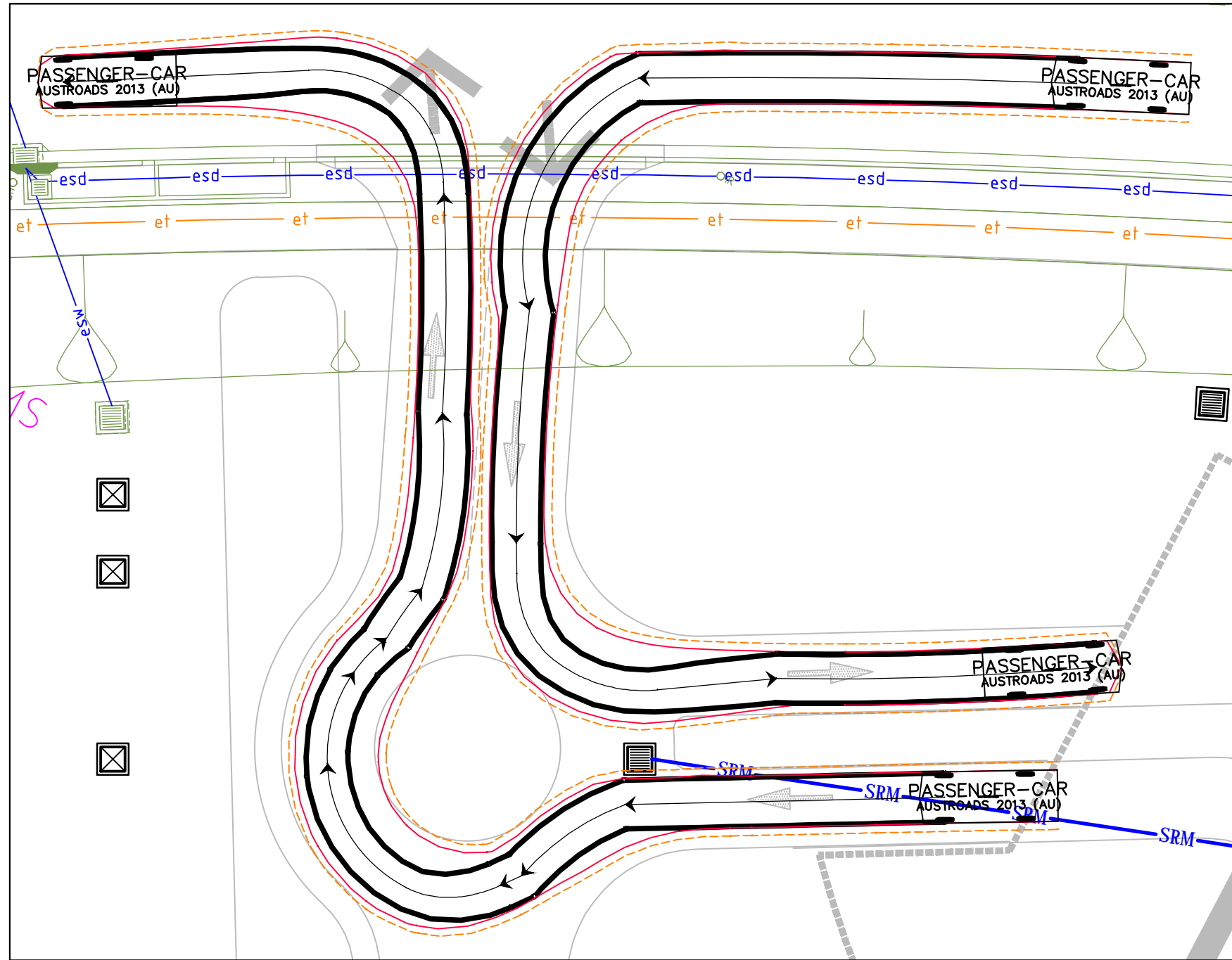
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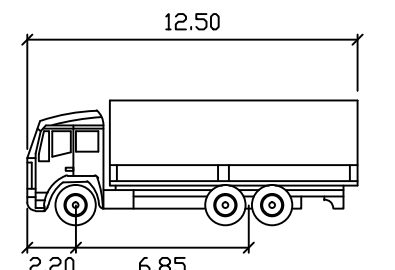
Title  
Gregory Hills Corporate Park  
Camden Medical Campus  
Civil Works  
Stormwater Drainage Details  
Sheet 1

Designed	C Keenan	06.05.16	Eng check	S Reilly	06.05.16
Drawn	A Paciben	06.05.16	Coordination	S Reilly	06.05.16
Dwg check	G Collins	06.05.16	Approved	C. Avis	06.05.16
Scale at A1	Status	Rev	P4	Sec	STD
As Shown	PRE				
Drawing Number	MMD-368851-C-DR-CA-DA-0140				

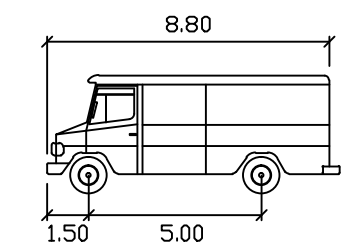




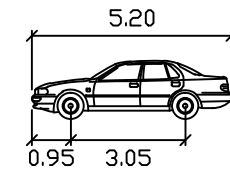
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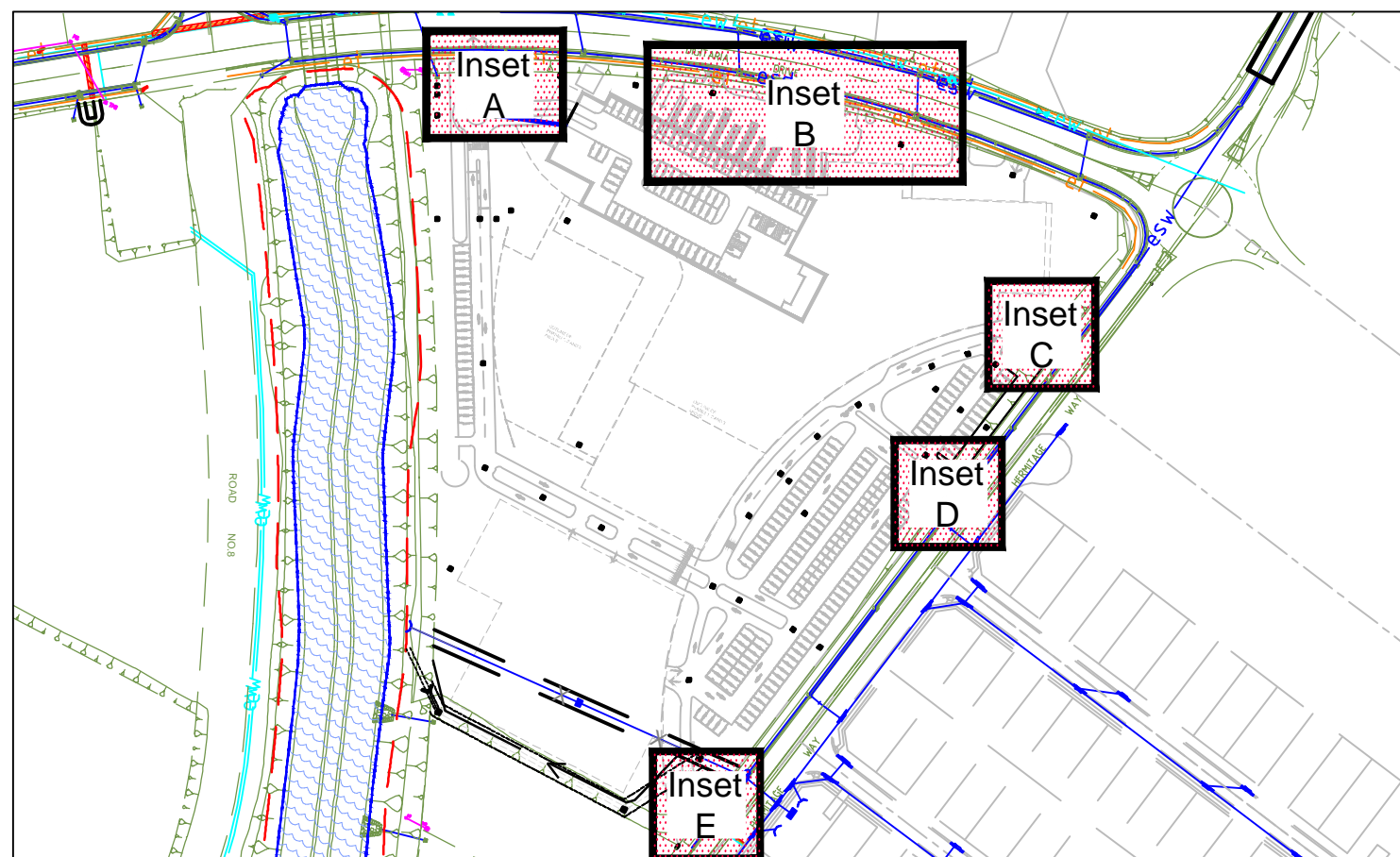
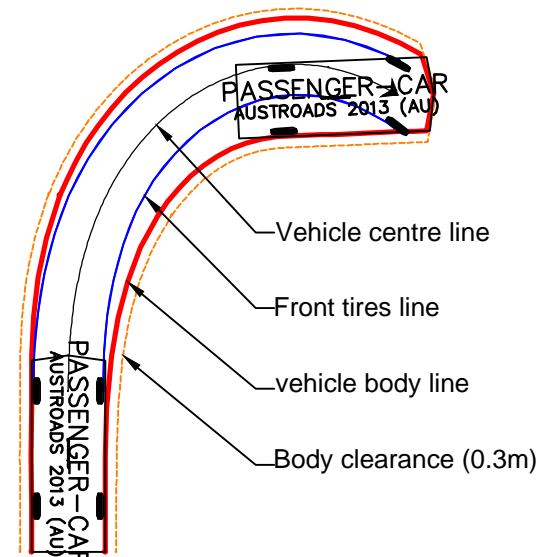
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Track : 2.50  
Lock to Lock Time : 6.0  
Steering Angle : 35.6



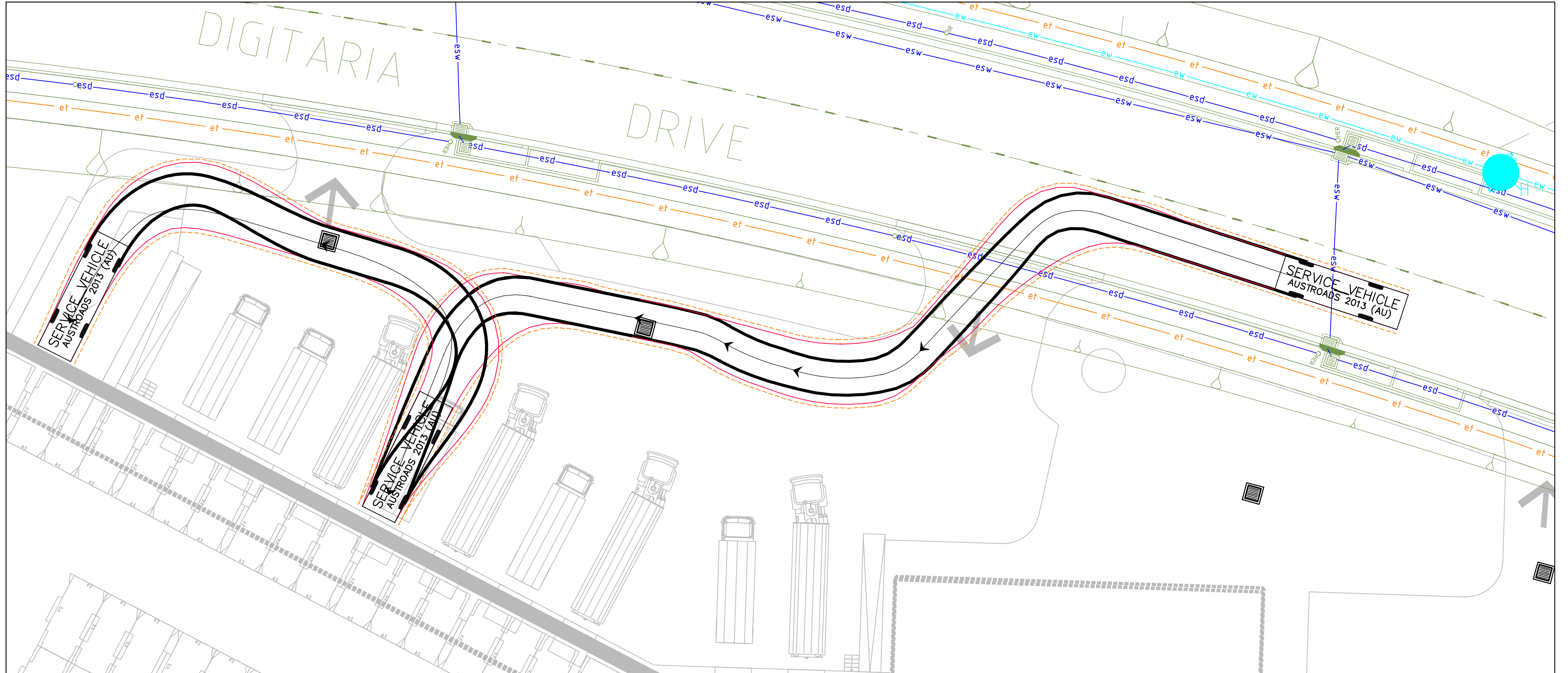
Service Vehicle meters  
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Track : 2.50  
Lock to Lock Time : 6.0  
Steering Angle : 38.7



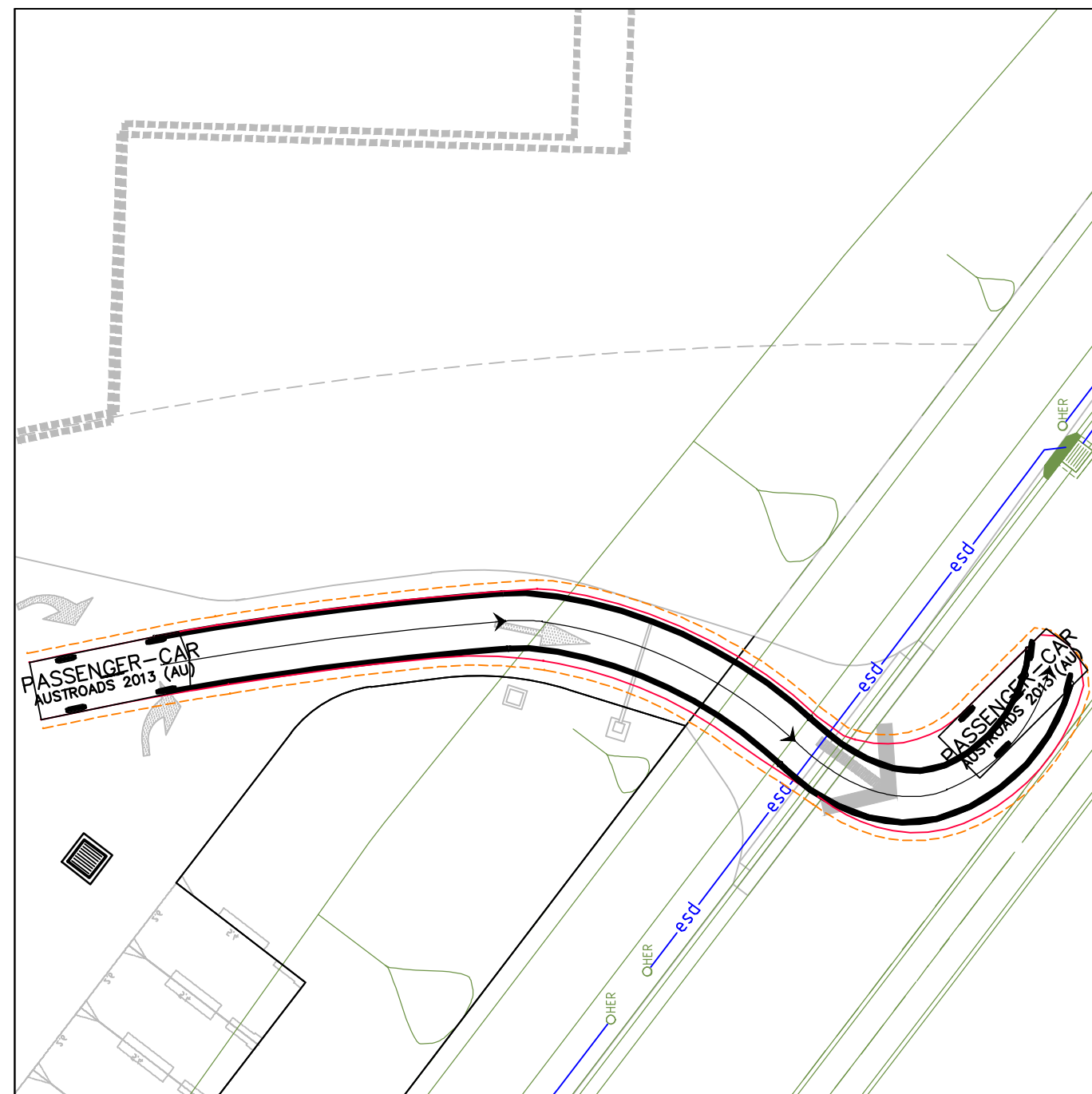
Passenger-car meters  
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Track : 1.84  
Lock to Lock Time : 6.0  
Steering Angle : 33.6



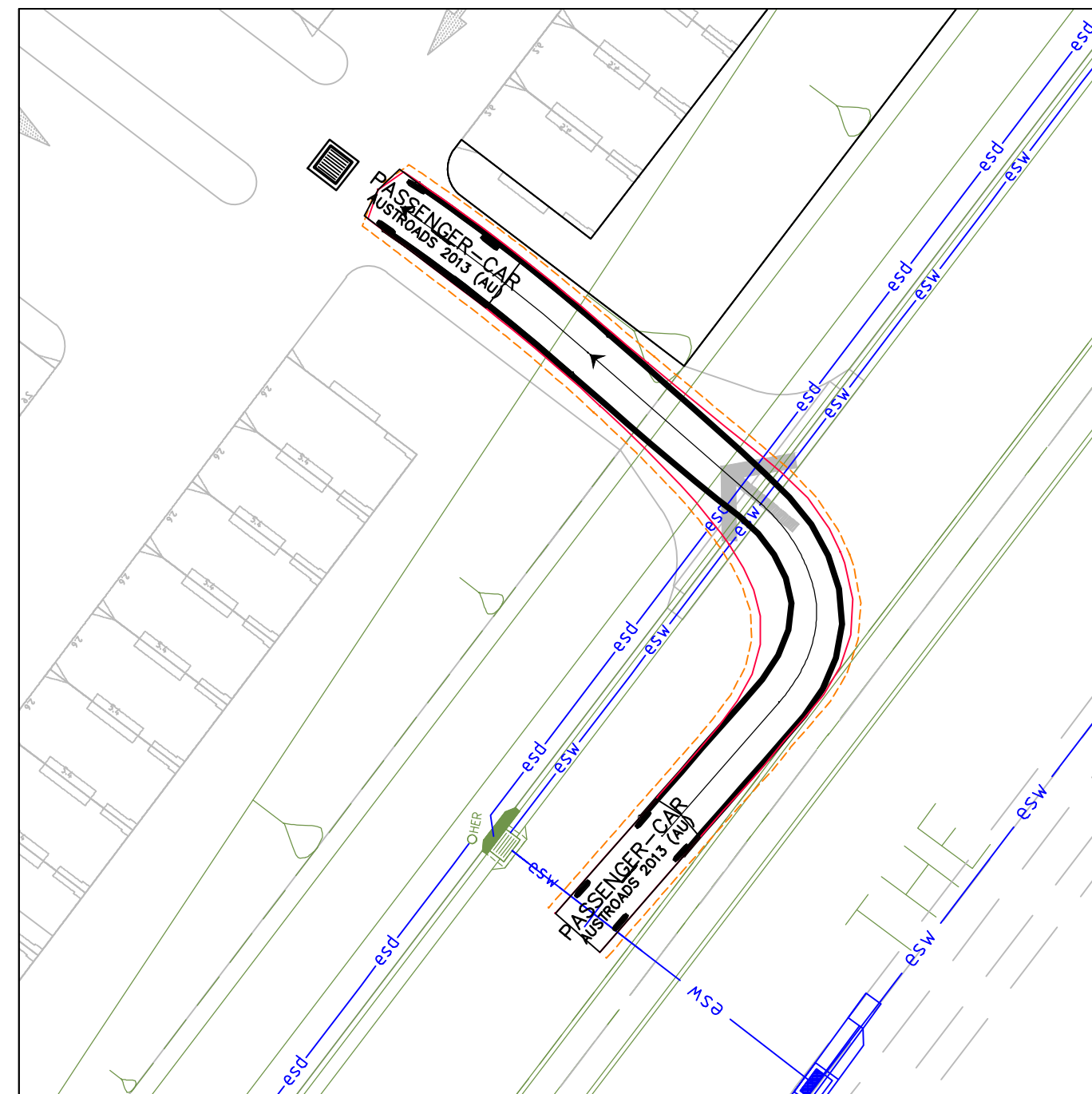
Key Plan  
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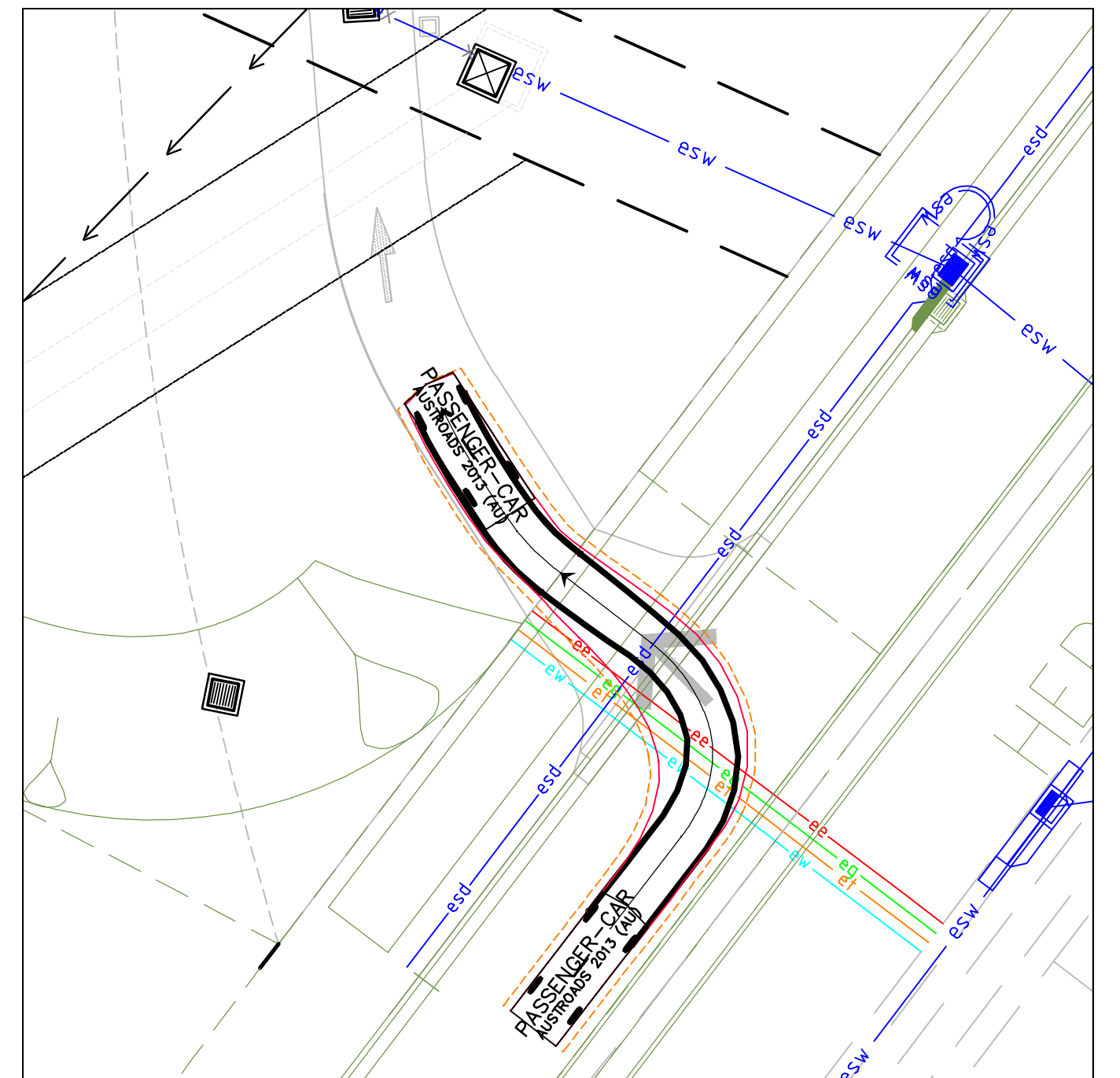
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Inset C  
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Inset D  
1:200



Inset E  
1:200

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P2	06.05.16	AMP	Issued for Approval	SR	CJA
P1	22.04.16	AMP	Issued Client Review	SR	X

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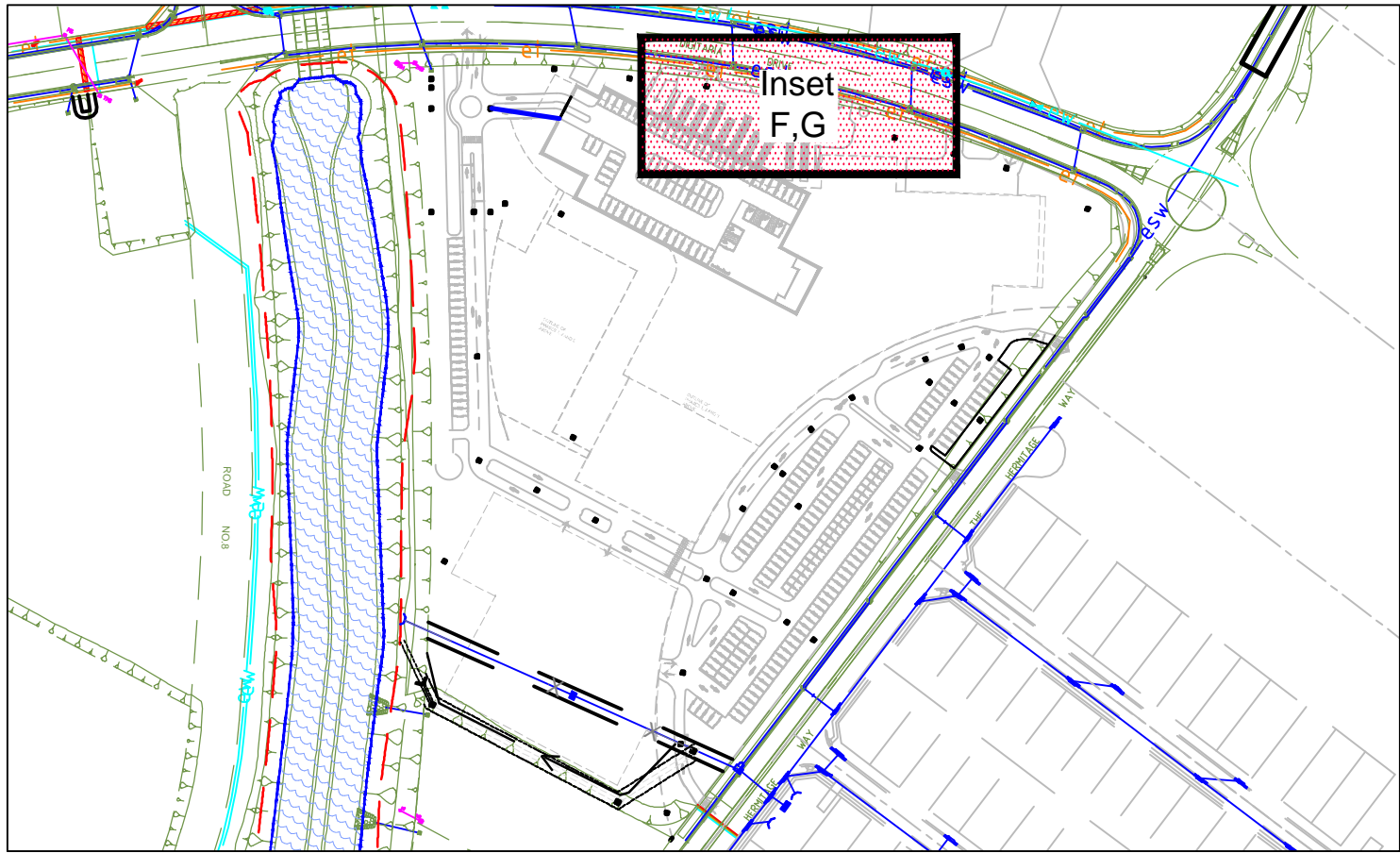
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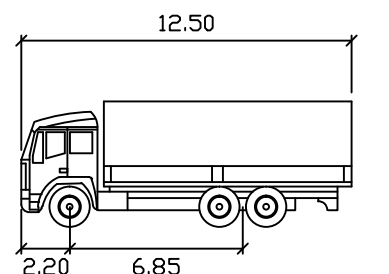
Title  
Gregory Hills Corporate Park  
Camden Medical Campus  
Civil Works  
Simulated Vehicle Manoeuvres  
Sheet 1

Designed	C Keenan	06.05.16	Eng check	S Reilly	06.05.16
Drawn	A Paciben	06.05.16	Coordination	S Reilly	06.05.16
Dwg check	G Collins	06.05.16	Approved	C. Avis	06.05.16
Scale at A1	1:200	Status	PRE	Rev	P4
Drawing Number	MMD-368851-C-DR-CA-DA-0180	Sec	STD		

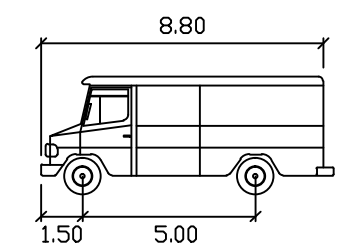




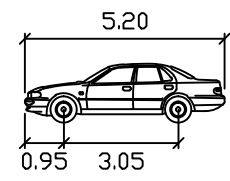
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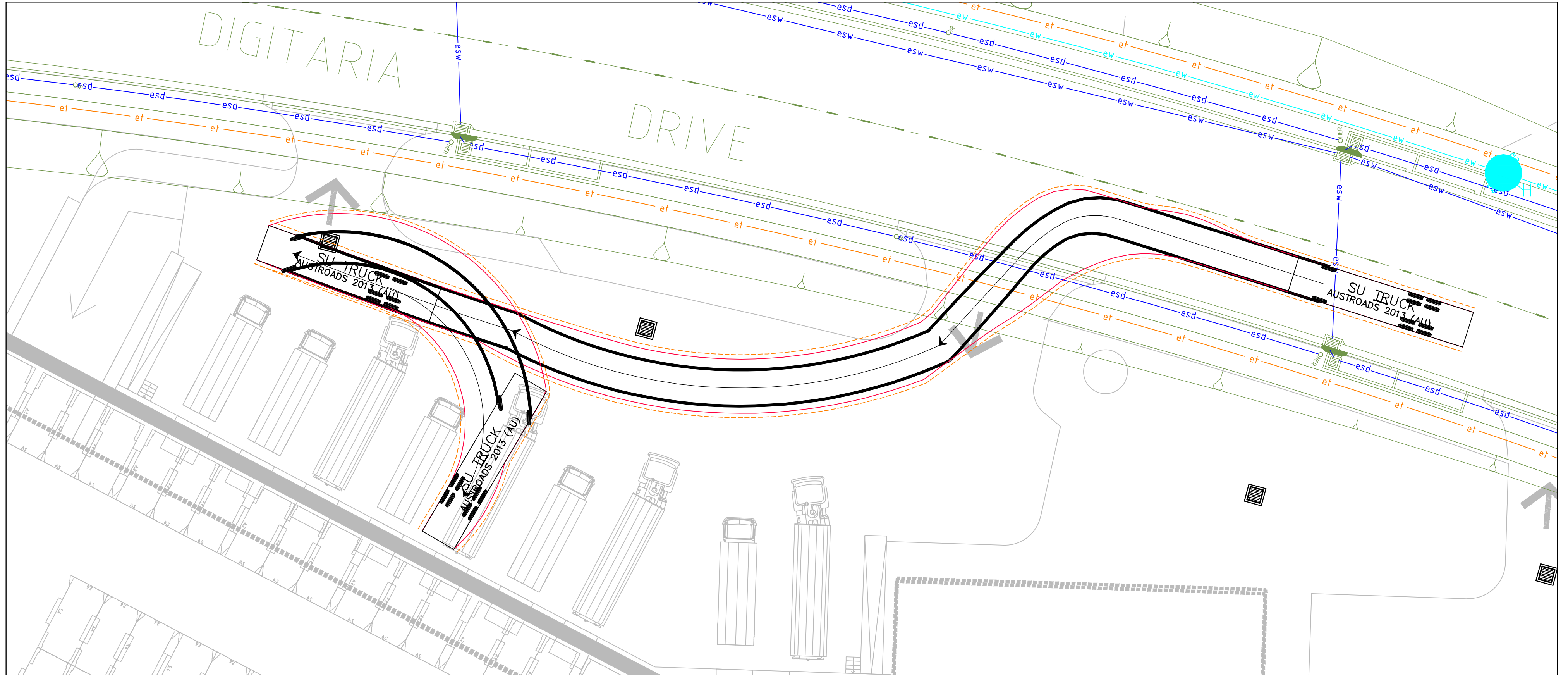
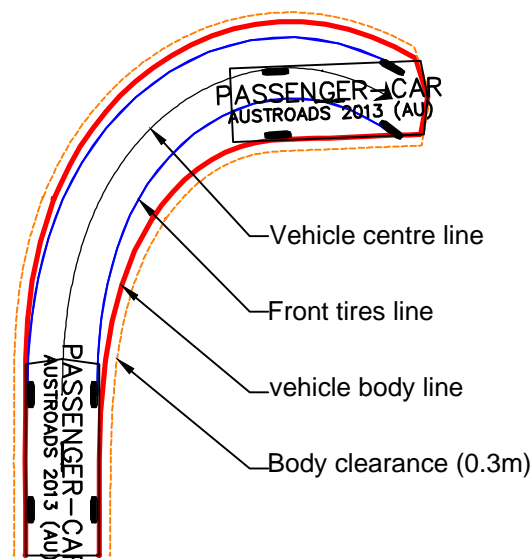
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Lock to Lock Time : 6.0  
Steering Angle : 36.6



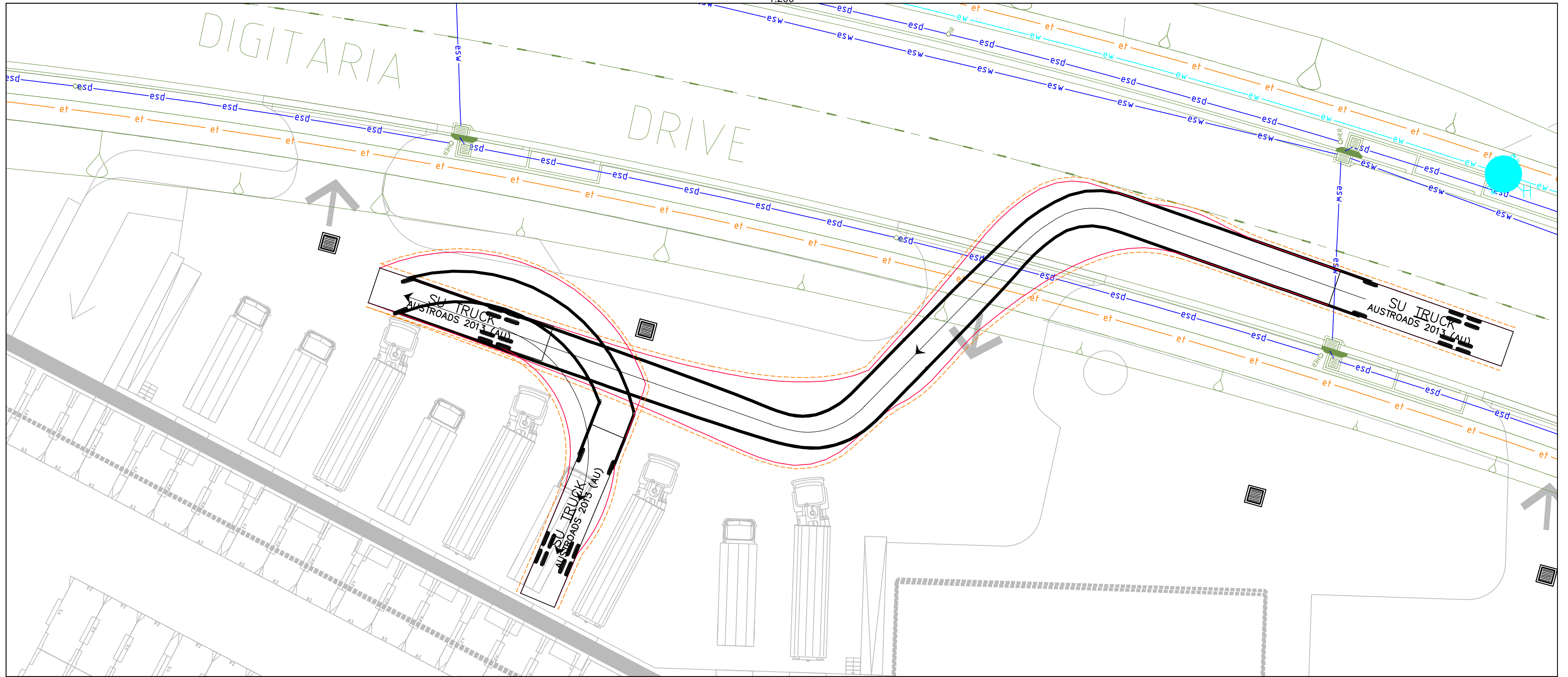
Service Vehicle meters  
Width : 2.50  
Track : 2.50  
Lock to Lock Time : 6.0  
Steering Angle : 38.7



Passenger-car meters  
Width : 1.94  
Track : 1.84  
Lock to Lock Time : 6.0  
Steering Angle : 33.6



Inset F



Inset G

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P1	22.04.16	AMP	Issued Client Review	SR	X

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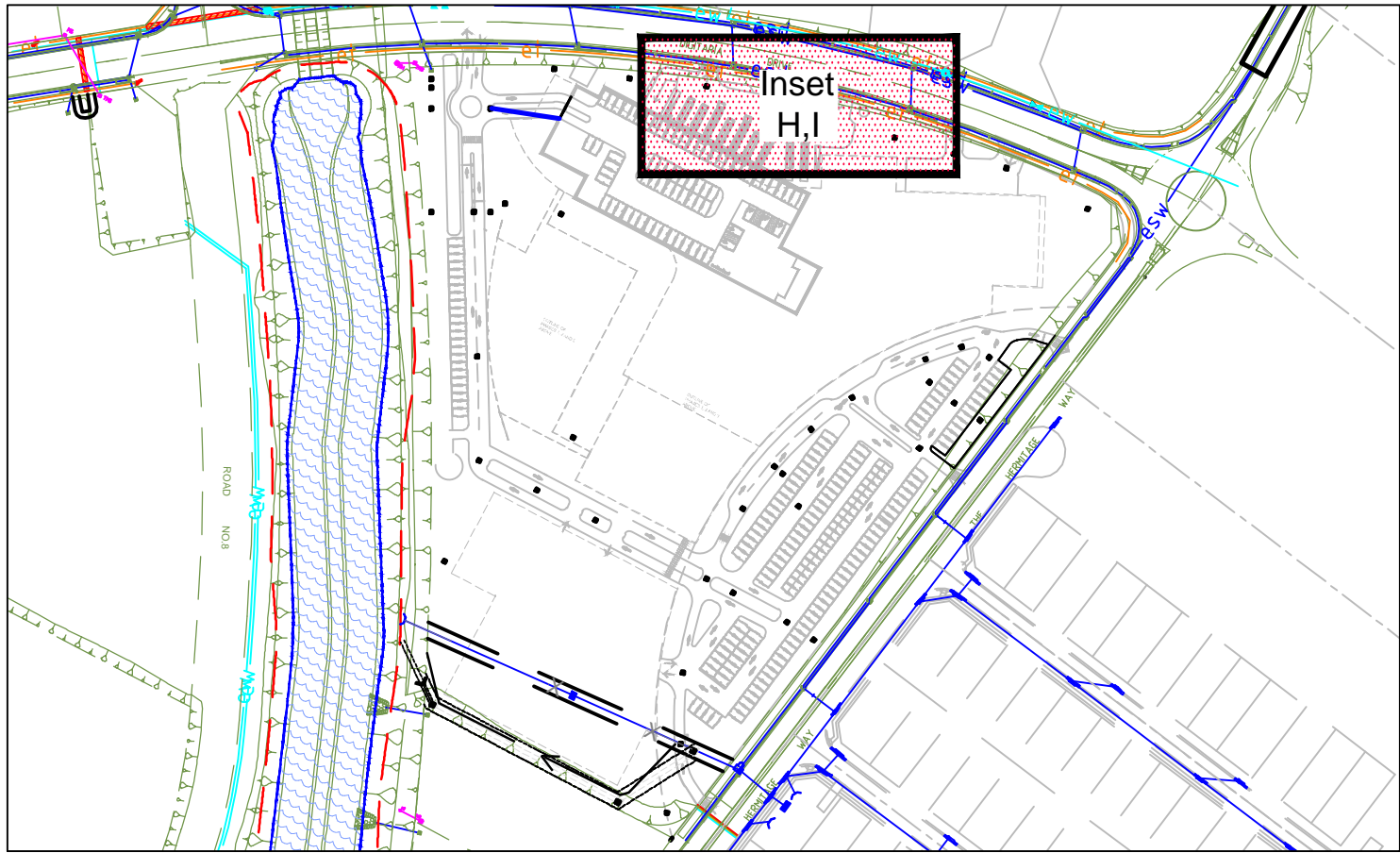
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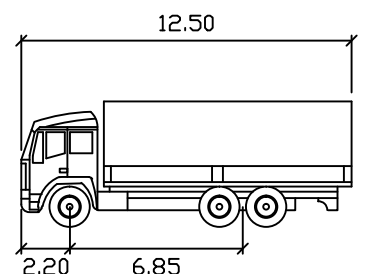
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Gregory Hills Corporate Park  
Camden Medical Campus  
Civil Works  
Simulated Vehicle Manoeuvres  
Sheet 2

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Dwg check	G Collins	06.05.16	Approved	C. Avis	06.05.16
Scale at A1	1:200	Status	PRE	P4	STD
Drawing Number	MMD-368851-C-DR-CA-DA-0181				

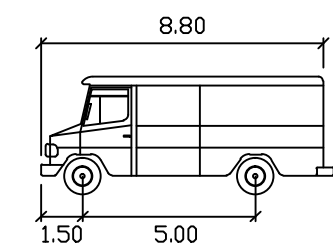




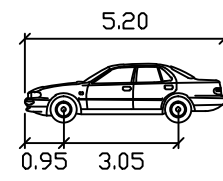
Key Plan  
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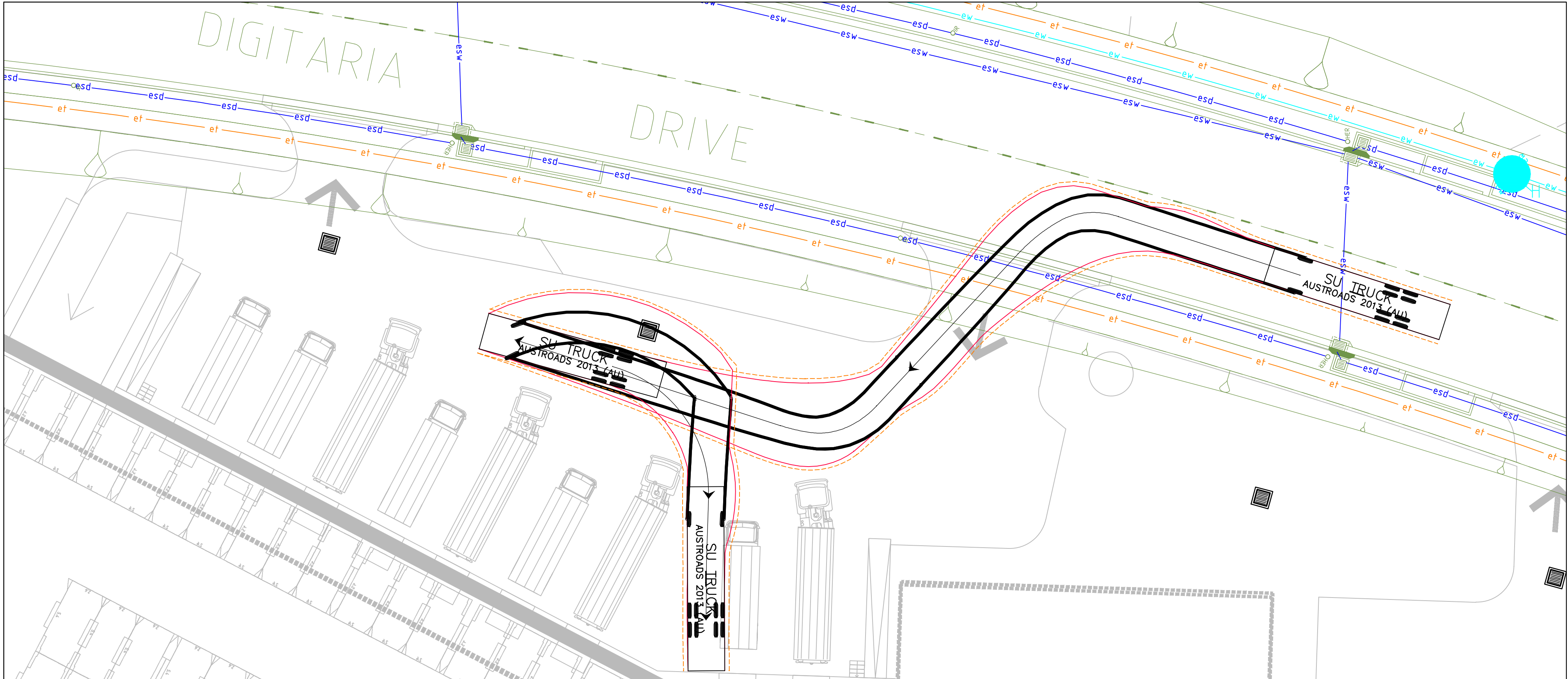
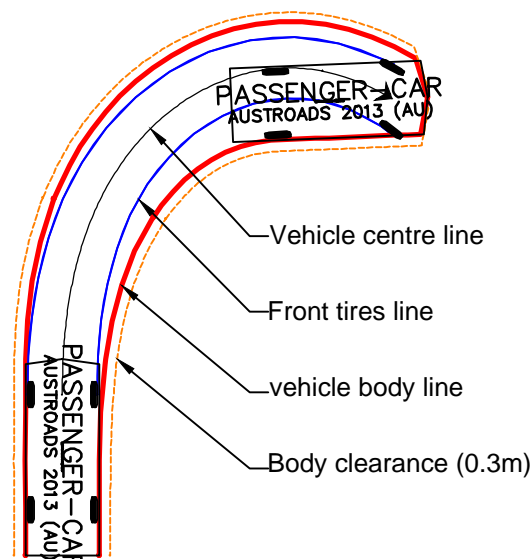
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Track : 2.50  
Lock to Lock Time : 6.0  
Steering Angle : 36.6



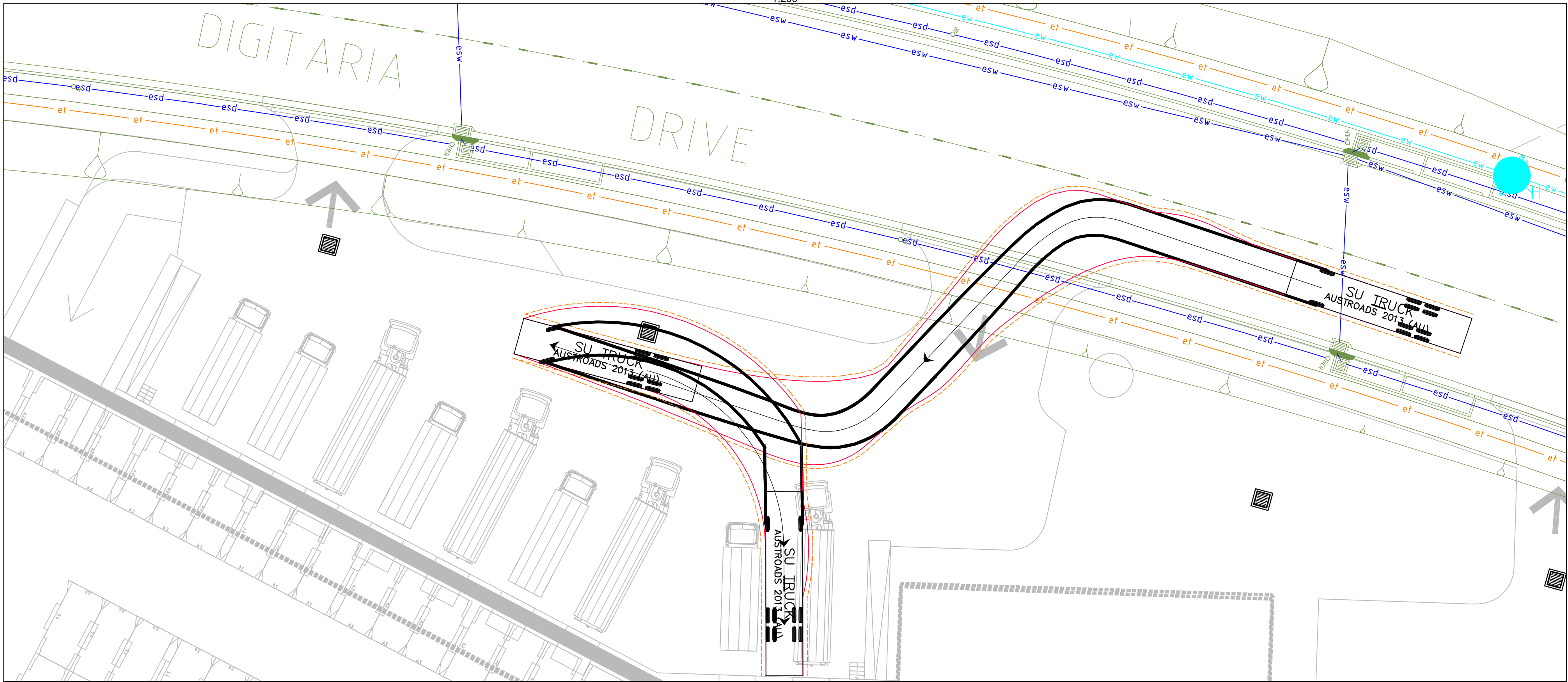
Service Vehicle meters  
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Track : 2.50  
Lock to Lock Time : 6.0  
Steering Angle : 38.7



Passenger-car meters  
Width : 1.94  
Track : 1.84  
Lock to Lock Time : 6.0  
Steering Angle : 33.6



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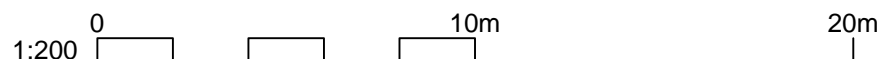


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P1	22.04.16	AMP	Issued Client Review	SR	X



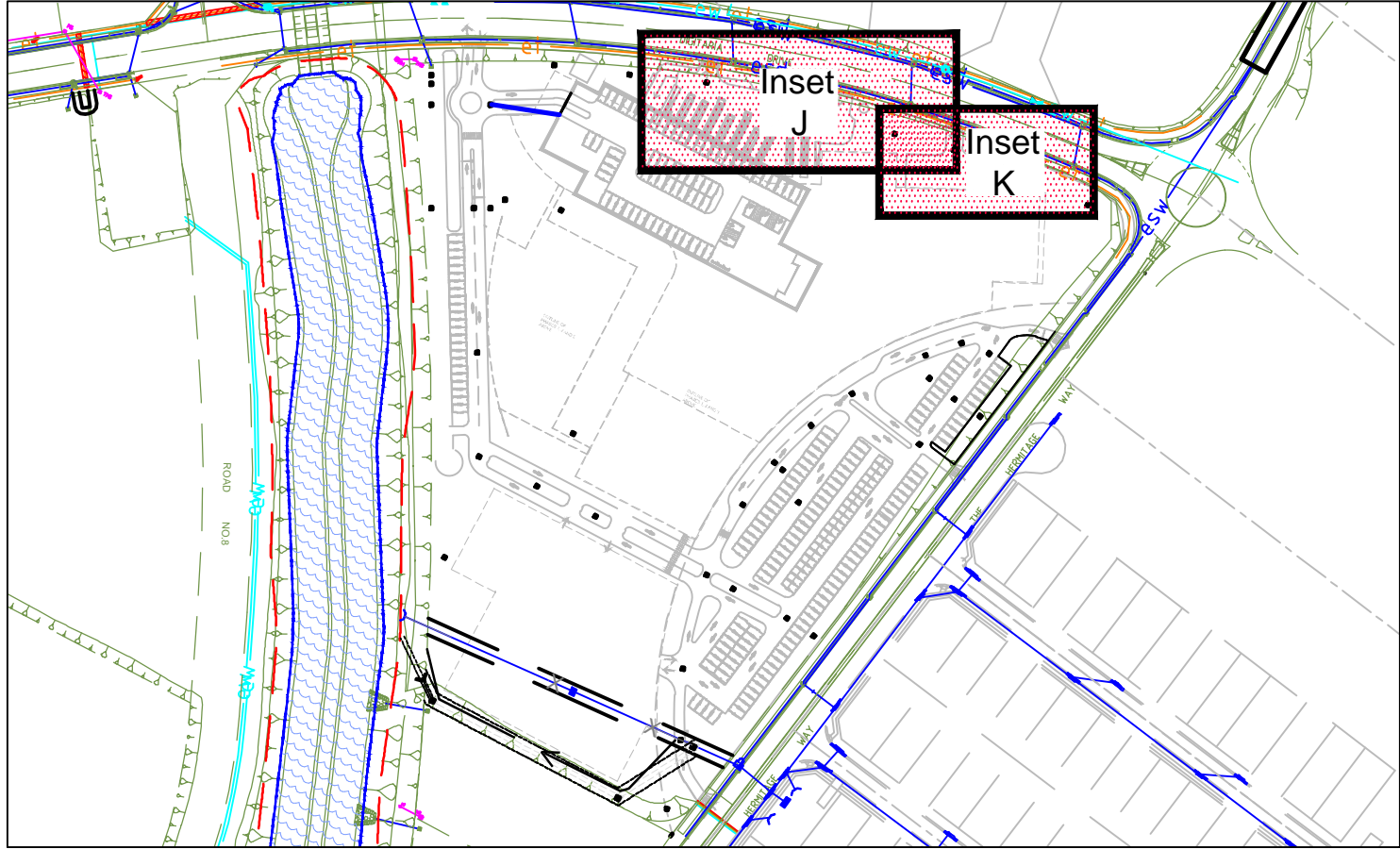
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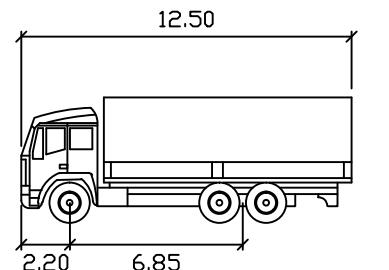
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Camden Medical Campus  
Civil Works  
Simulated Vehicle Manoeuvres  
Sheet 3

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Drawn	A Paciben	06.05.16	Coordination	S Reilly	06.05.16
Dwg check	G Collins	06.05.16	Approved	C. Avis	06.05.16
Scale at A1	1:200	Status	PRE	P4	STD
Drawing Number	MMD-368851-C-DR-CA-DA-0182				

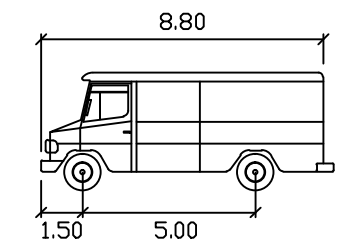




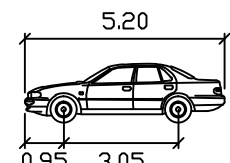
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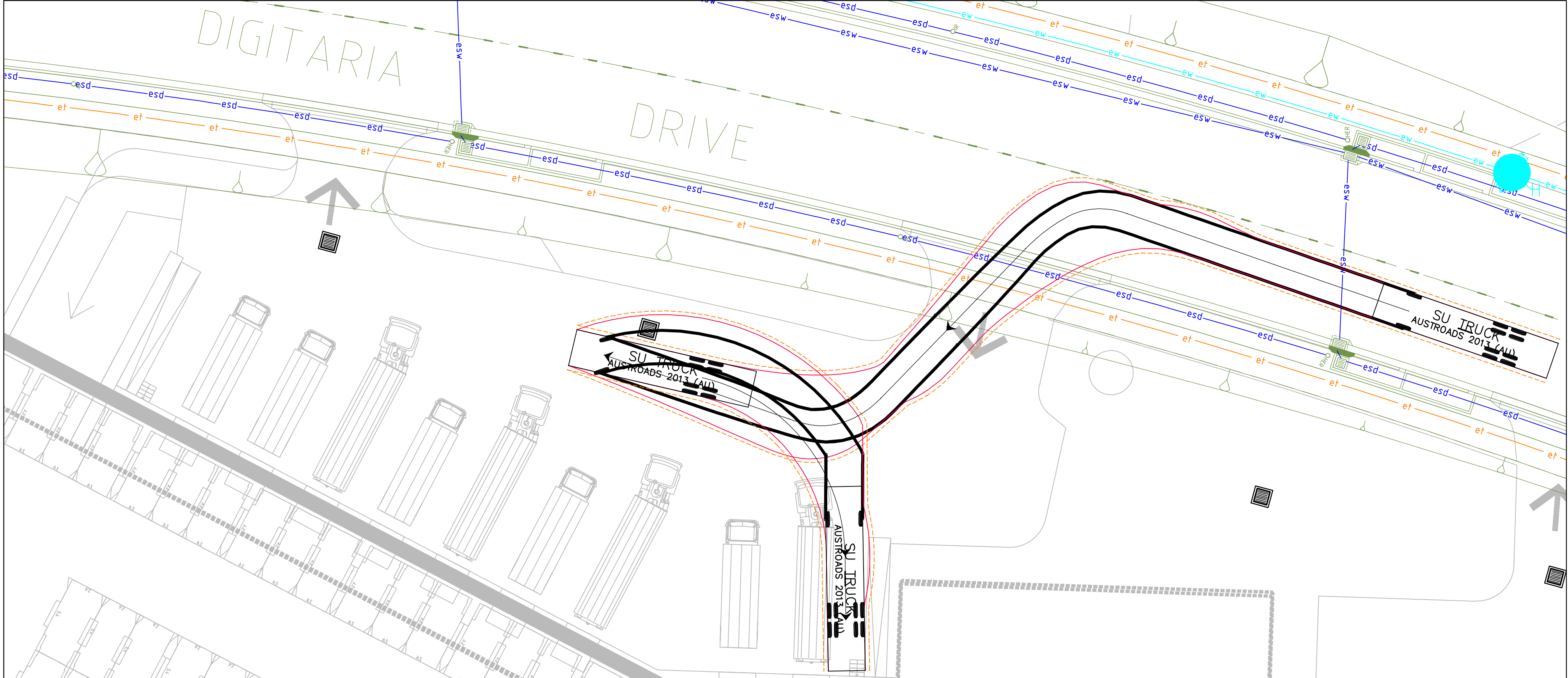
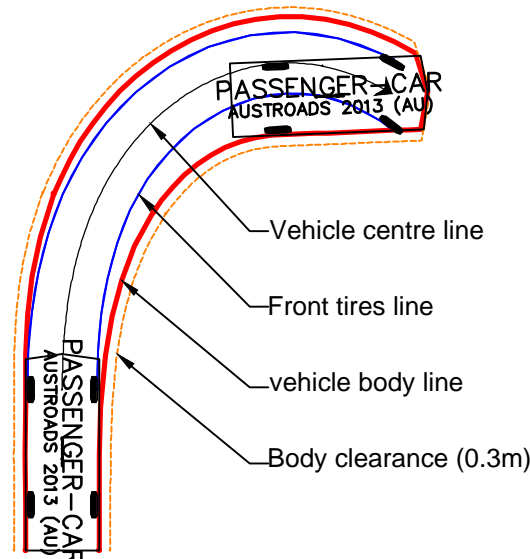
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Track : 2.50  
Lock to Lock Time : 6.0  
Steering Angle : 36.6



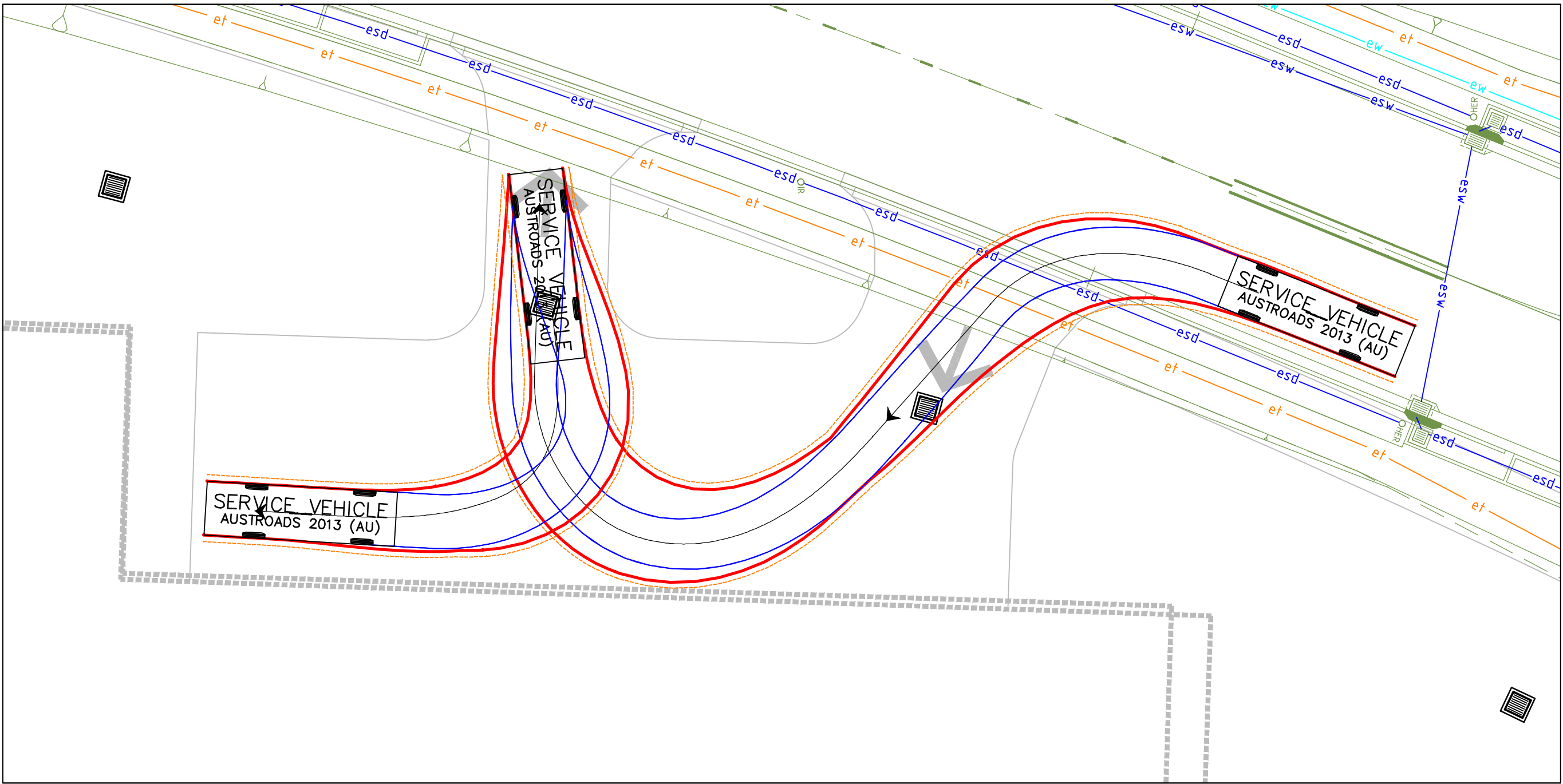
Service Vehicle meters  
Width : 2.50  
Track : 2.50  
Lock to Lock Time : 6.0  
Steering Angle : 38.7



Passenger-car meters  
Width : 1.94  
Track : 1.84  
Lock to Lock Time : 6.0  
Steering Angle : 33.6



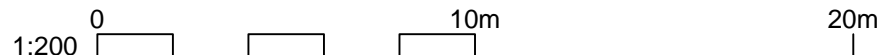
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P2	06.05.16	AMP	Issued for Approval	SR	CJA
P1	22.04.16	AMP	Issued Client Review	SR	X



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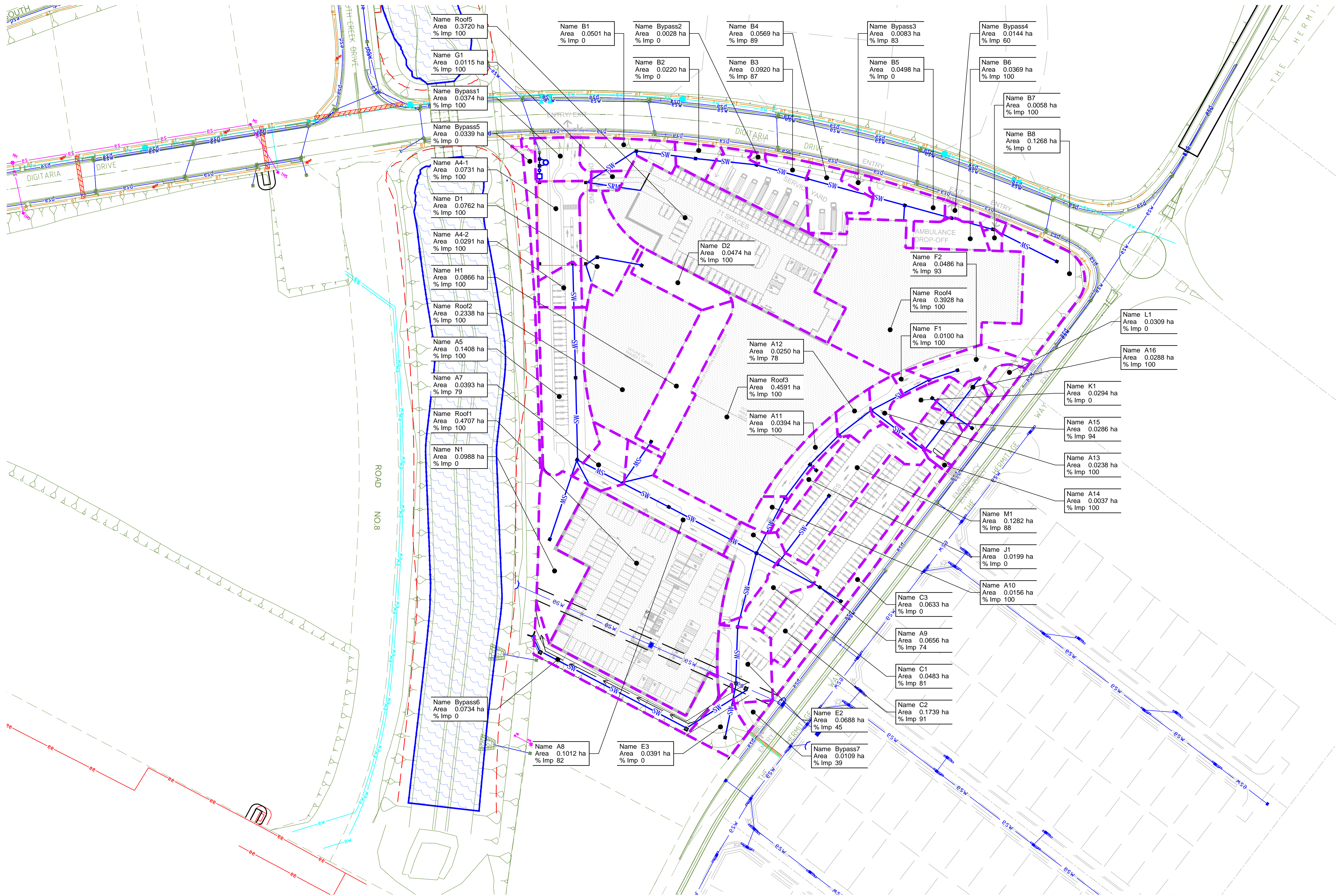
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Title  
Gregory Hills Corporate Park  
Camden Medical Campus  
Civil Works  
Simulated Vehicle Manoeuvres  
Sheet 4

Dsgn'd	C Keenan	06.05.16	Eng check	S Reilly	06.05.16
Drawn	A Paciben	06.05.16	Coordination	S Reilly	06.05.16
Dwg check	G Collins	06.05.16	Approved	C. Avis	06.05.16
Scale at A1	1:200	Status	PRE	P4	STD
Rev					
Sec					
Drawing Number	MMD-368851-C-DR-CA-DA-0183				

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P2	06.05.16	AMP	Issued for Approval	SR	CJA
P1	22.04.16	AMP	Issued Client Review	SR	X

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1:800 0 40m 80m



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Title  
Gregory Hills Corporate Park  
Camden Medical Campus  
Civil Works  
DRAINS Catchment Plan

Designed	C Keenan	06.05.16	Eng check	S Reilly	06.05.16
Drawn	A Paciben	06.05.16	Coordination	S Reilly	06.05.16
Dwg check	G Collins	06.05.16	Approved	C. Avis	06.05.16
Scale at A1	1:800	Status	PRE	P4	STD
Rev					
Sec					
Drawing Number MMD-368851-C-DR-CA-DA-0210					



Legend

'MUSIC' Catchment Boundary

Roof to Treatment = 1.928ha

Sealed Road and Footpath to Treatment = 1.354ha

Landscape to Treatment = 0.681ha

Landscape Bypass = 0.121ha

Sealed Road and Footpath Bypass = 0.06ha

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P1	22.04.16	AMP	Issued Client Review	SR	X

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Title  
Gregory Hills Corporate Park  
Camden Medical Campus  
Civil Works  
MUSIC Catchment Plan

Drafted	C Keenan	06.05.16	Eng check	S Reilly	06.05.16
Drawn	A Paciben	06.05.16	Coordination	S Reilly	06.05.16
Dwg check	G Collins	06.05.16	Approved	C. Avis	06.05.16
Scale at A1	Status	PRE	Rev	P4	Sec
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