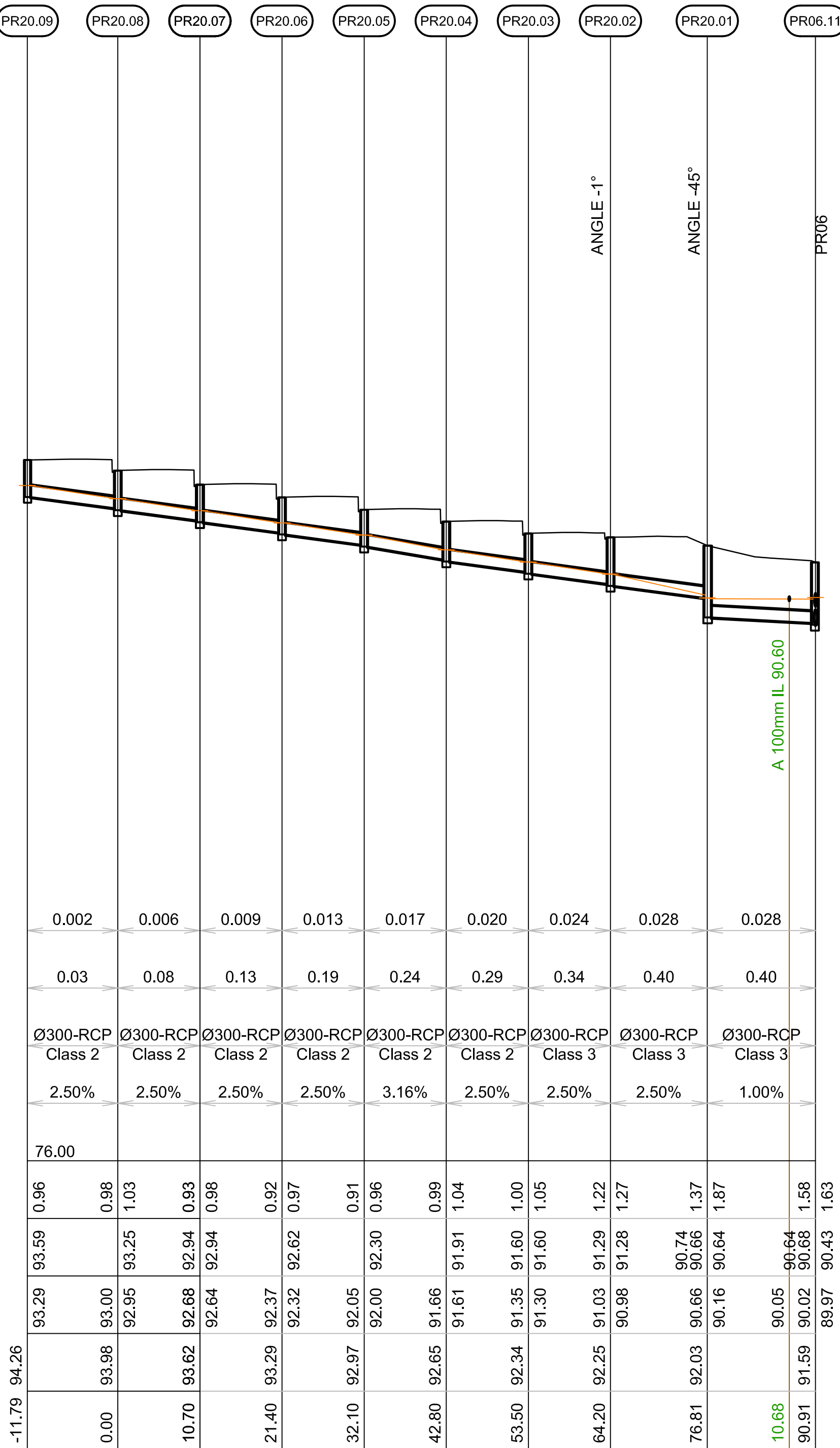
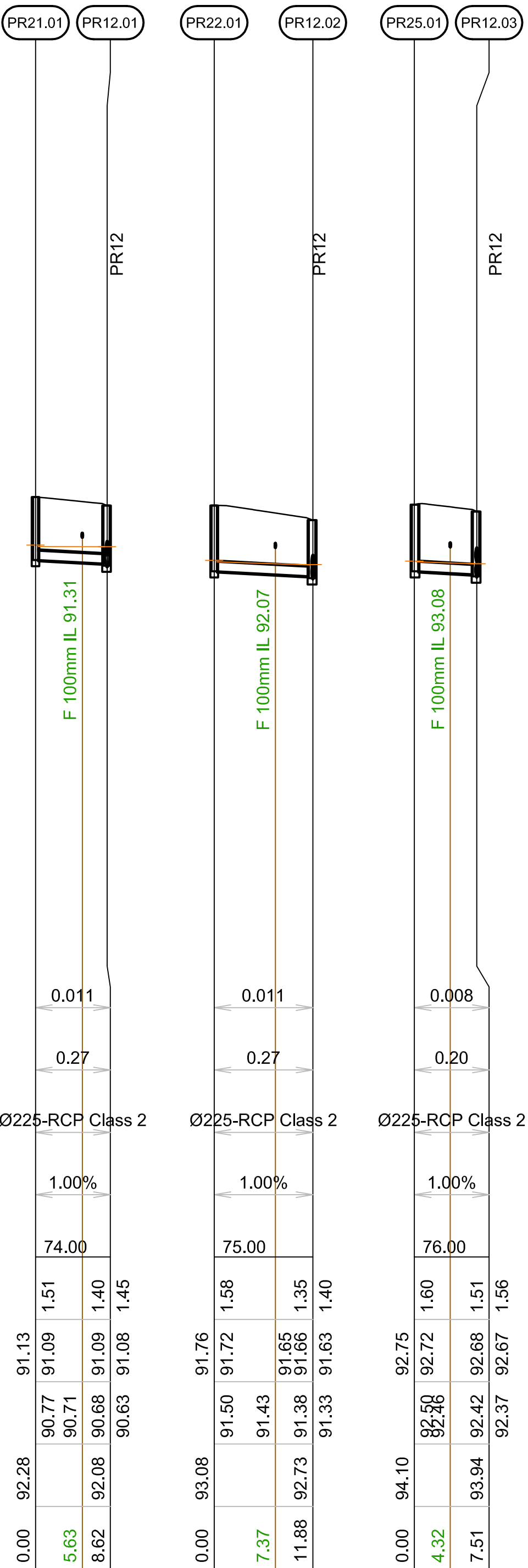


LINE PR19



LINE PR20



LINE PR21

LINE PR22

LINE PR25


Issued for DA approval

Notes

Key to symbols

Reference drawings

02	15.04.15	ADS	Issued for DA Approval	GC	CJA
01	10.02.15	ADS	Re-issued for Tender	GC	CJA
0	19.12.14	AMP	Issued for Tender	GC	CJA
P3	23.07.14	DW	Issued for DA	GC	X
P2	14.07.14	ADS	Re-issued for information	GC	X
P1	02.06.14	AMP	Issued for information	GC	X
Rev	Date	Drawn	Description	Ch'k'd	App'd



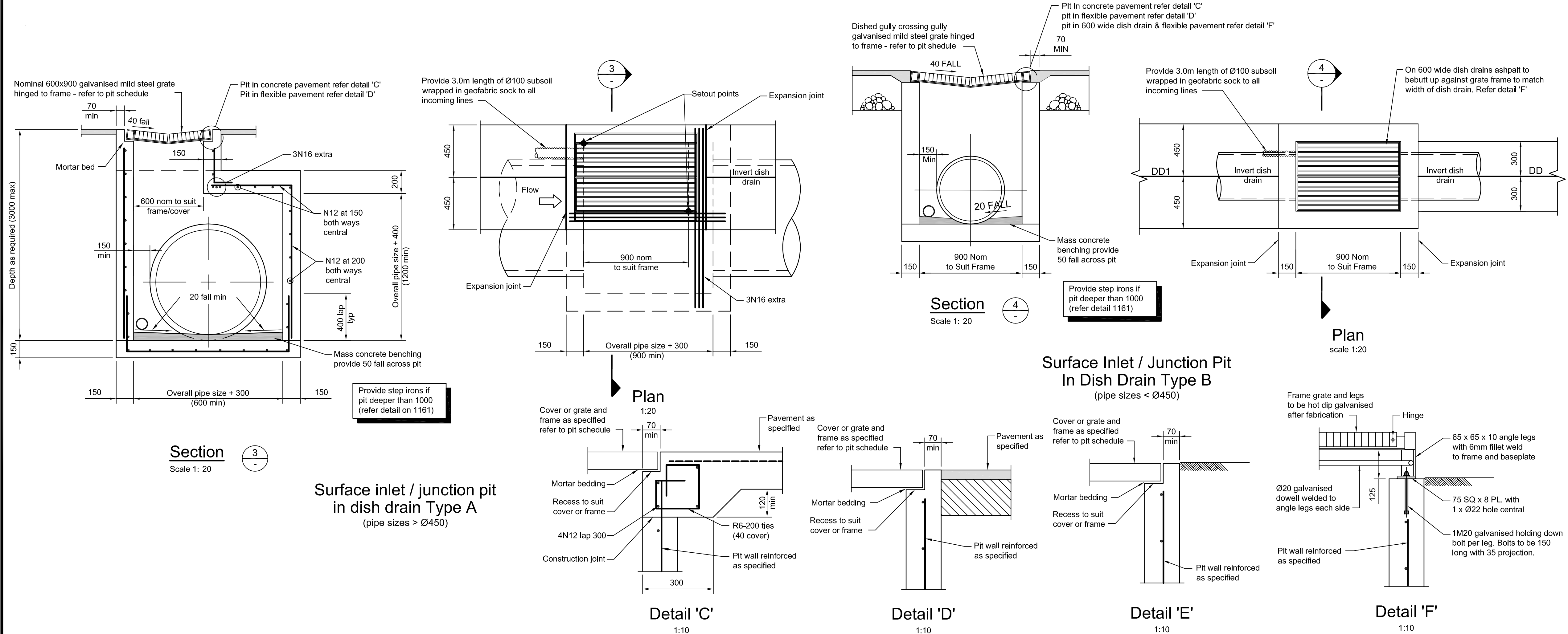
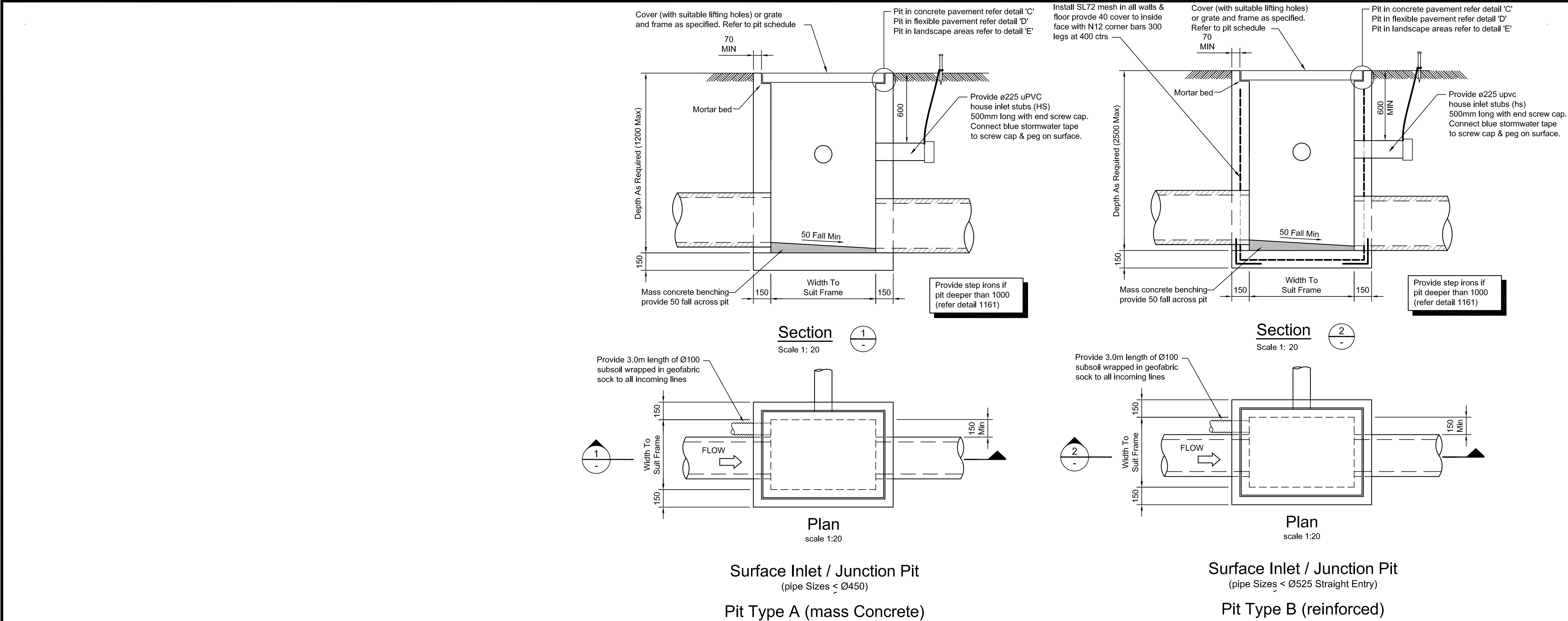
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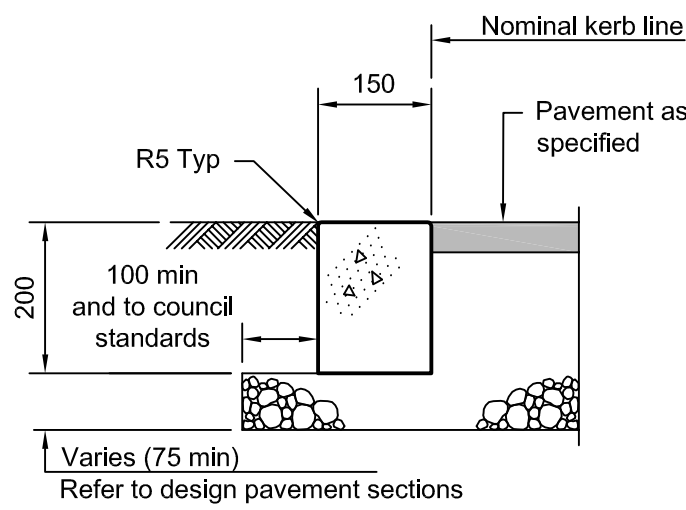
Title
Oran Park - Anglicare Chesalon
Infrastructure Package
Stage 3 Civil Works
Stormwater Longitudinal Sections
Sheet 2

Designed	G Collins	Eng check	J Toth	
Drawn	A Paciben	Coordination	J Gilligan	
Dwg check	G Collins	Approved	C Avis	
Scale at A1 As Shown	Status APR	Rev 02		

Drawing Number
MMD-335517-C-DR-00-XX-1151

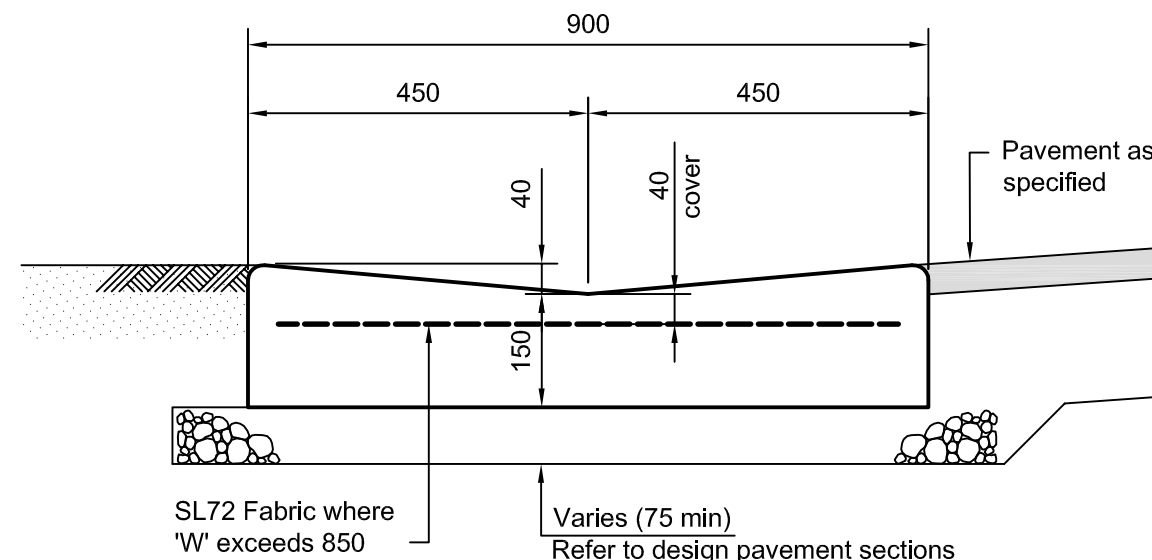


Notes					
Key to symbols					
Reference drawings					
03	15.04.15	ADS	Issued for DA Approval	GC	CJA
02	31.03.15	AMP	Issued for Revised Tender	GC	CJA
01	10.02.15	ADS	Re-issued for Tender	GC	CJA
0	19.12.14	AMP	Issued for Tender	GC	CJA
P3	23.07.14	DW	Issued for DA	GC	X
P2	14.07.14	ADS	Re-issued for information	GC	X
P1	02.06.14	AMP	Issued for information	GC	X
Rev	Date	Drawn	Description	Ch'k'd	App'd
<div><div></div><div>Level 10, 383 Kent Street Sydney NSW 2000 Australia PO Box Q1678 QVB Sydney NSW 1230 T +61 (0)2 9098 6800 F W www.mottmac.com.au</div></div>					
Client Anglicare Chesalon					
Title Oran Park - Anglicare Chesalon Infrastructure Package Stage 3 Civil Works Siteworks Details Sheet 1					
Designed	G Collins	.	Eng check	J Toth	.
Drawn	A Paciben	.	Coordination	J Gilligan	.
Dwg check	G Collins	.	Approved	C Avis	.
Scale at A1 As Shown		Status APR		Rev 03	
Drawing Number MMD-335517-C-DR-00-XX-1160					



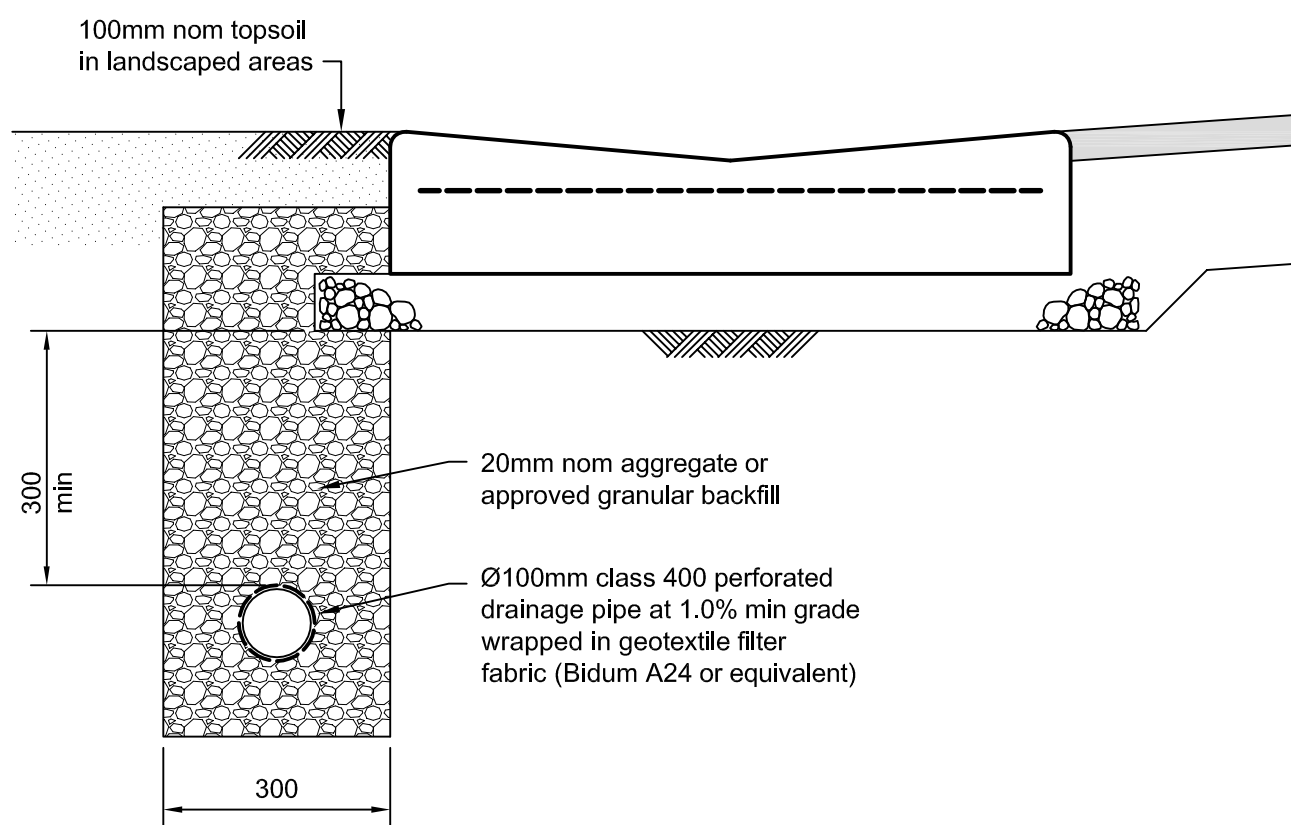
Flush Kerb (FK)

1:10



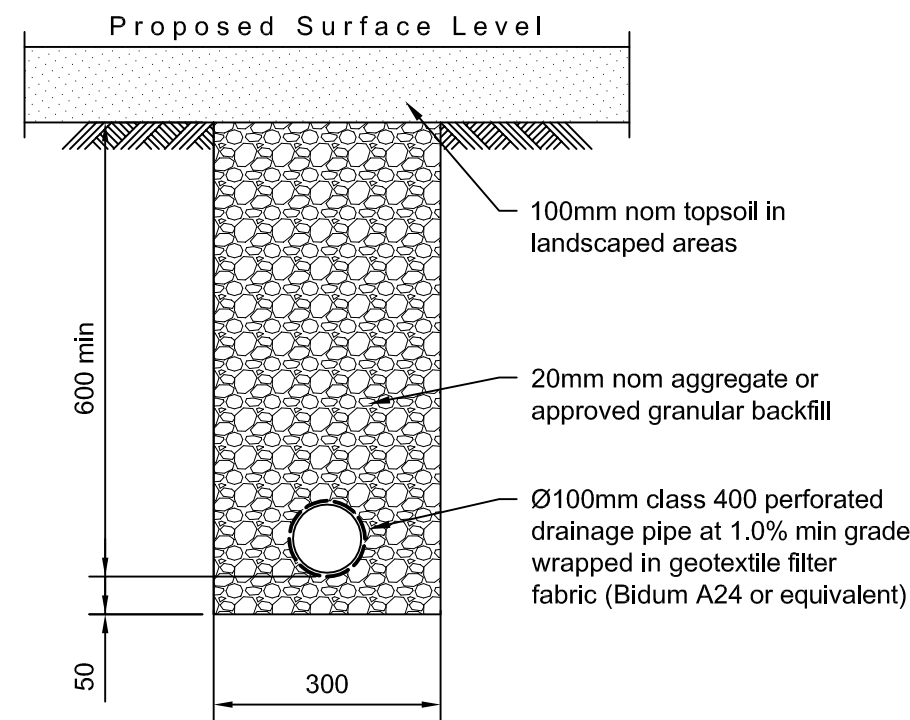
Dish Drain (DD)

1:10



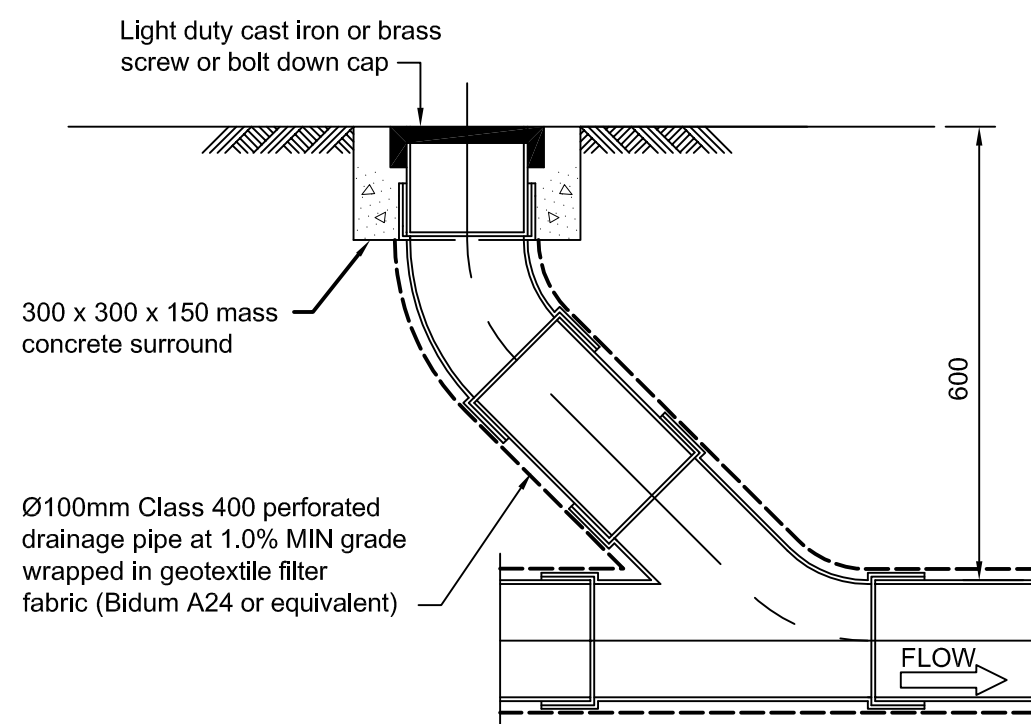
Subsoil Drainage behind Kerbs

1:10



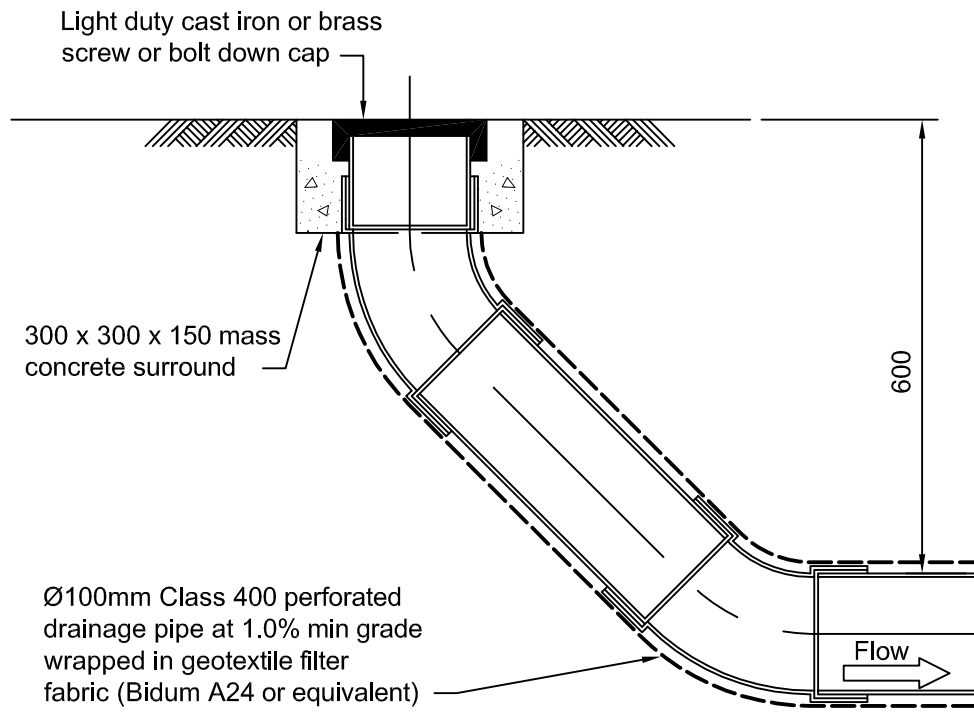
Subsoil drainage in Landscaped Areas

1:10



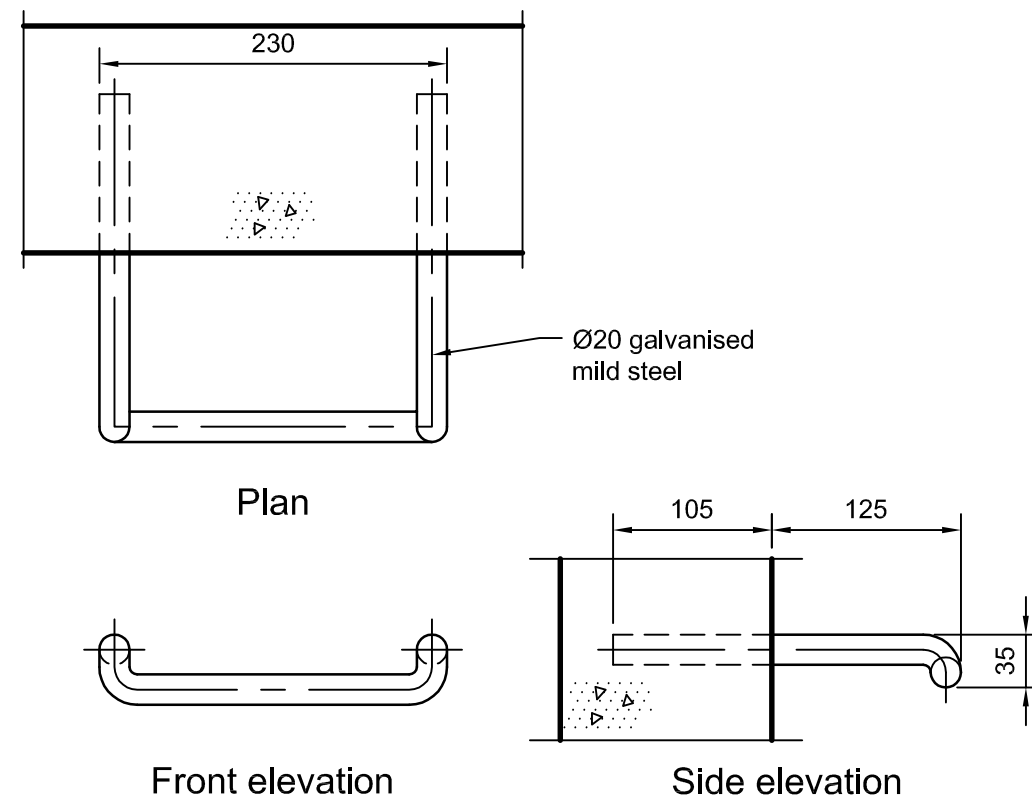
Intermediate Riser (IR)

1:10



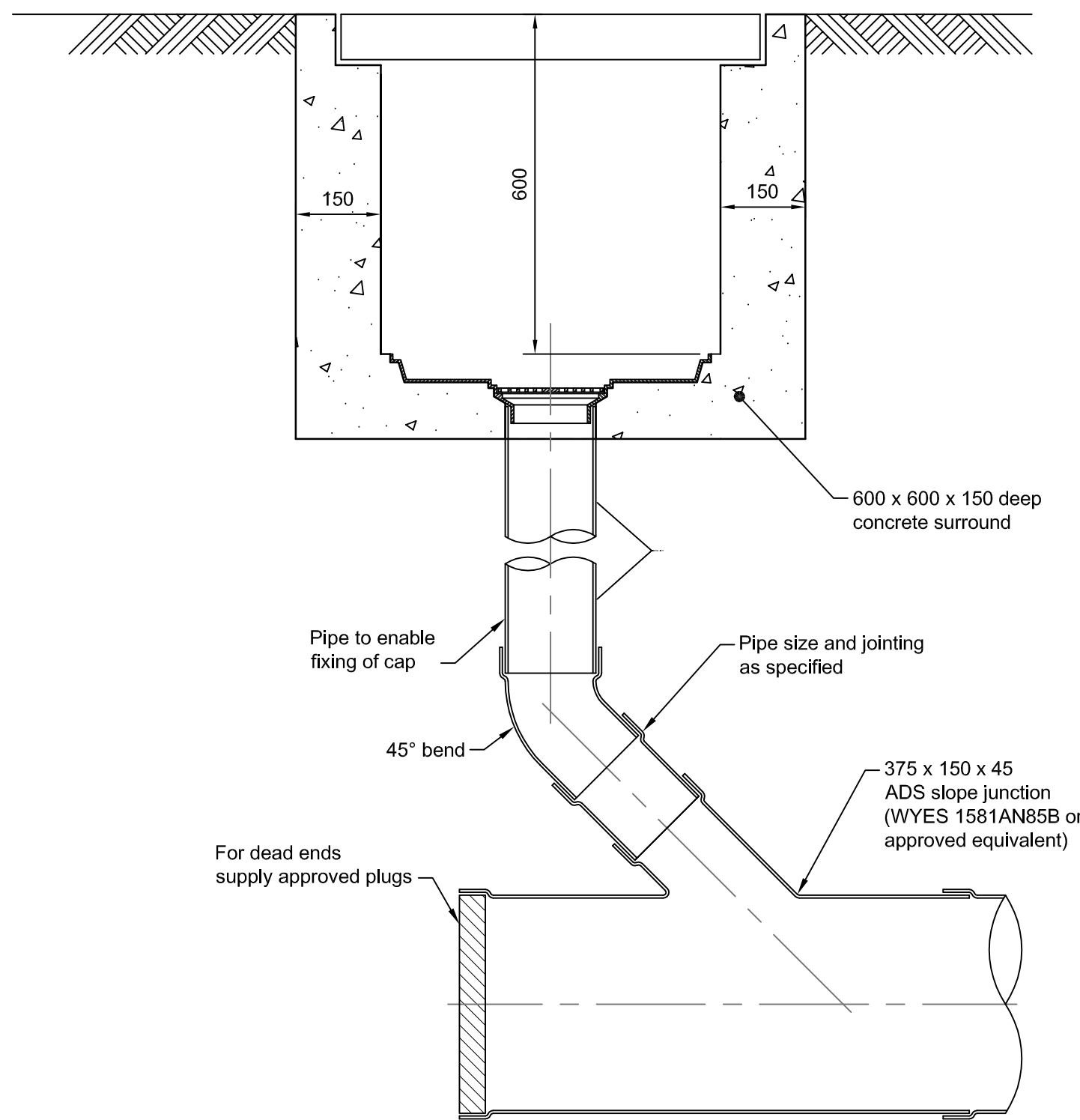
High End Riser (HER)

1:10



Step iron detail

1:5



Surface Inlet Connection to
Stormwater Drainage Pit Type A

1:10

Notes

Key to symbols

Reference drawings

02	15.04.15	ADS	Issued for DA Approval	GC	CJA
01	10.02.15	ADS	Re-issued for Tender	GC	CJA
0	19.12.14	AMP	Issued for Tender	GC	CJA
P3	23.07.14	DW	Issued for DA	GC	X
P2	14.07.14	ADS	Re-issued for information	GC	X
P1	02.06.14	AMP	Issued for information	GC	X
Rev	Date	Drawn	Description	Ch'k'd	App'd



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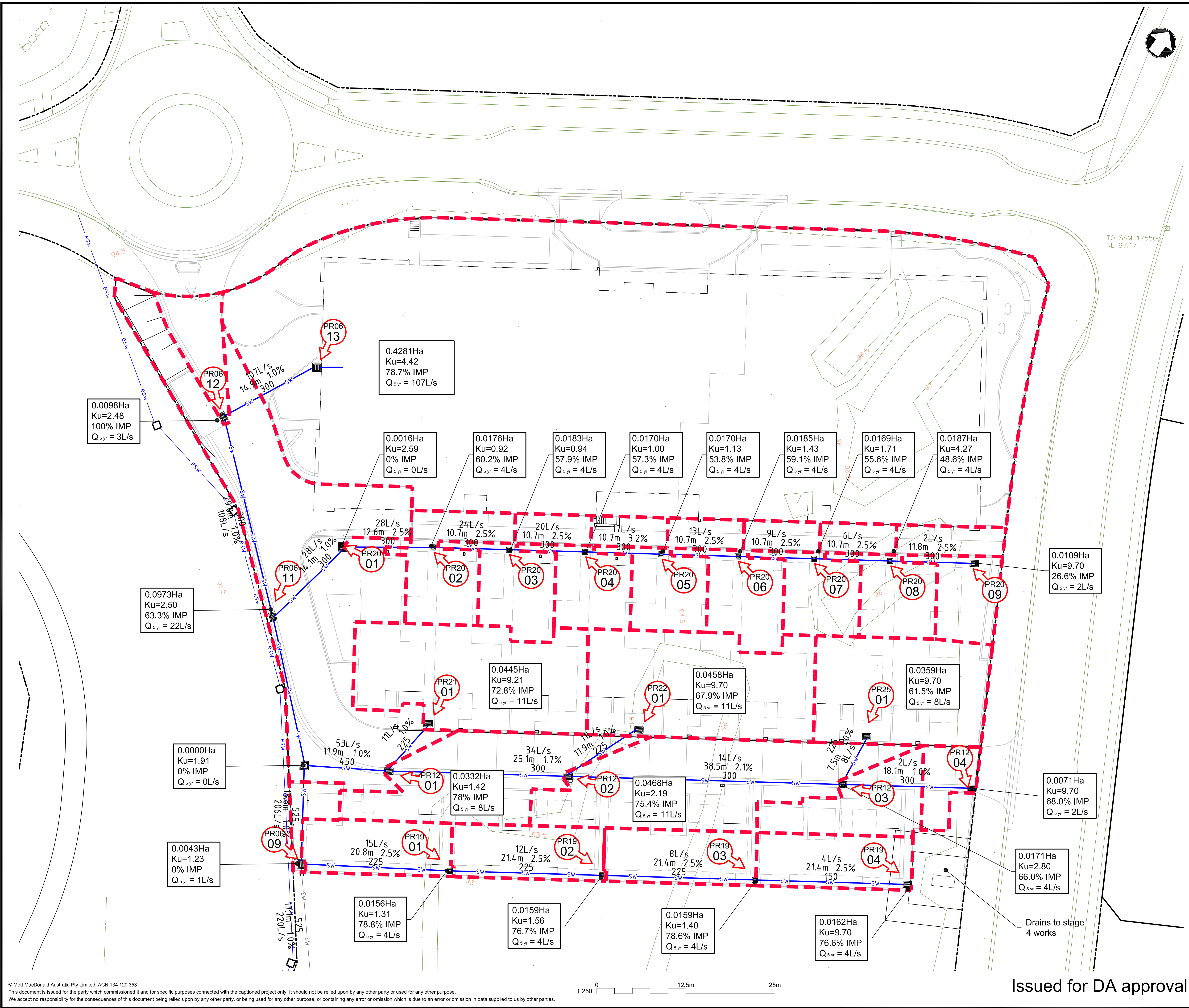
Client
Anglicare Chesalon

Title
Oran Park - Anglicare Chesalon
Infrastructure Package
Stage 3 Civil Works
Siteworks Details
Sheet 2

Designed	G Collins	.	Eng check	J Toth	.
Drawn	A Paciben	.	Coordination	J Gilligan	.
Dwg check	G Collins	.	Approved	C Avis	.
Scale at A1	As Shown	Status	APR	Rev	02

Drawing Number
MMD-335517-C-DR-00-XX-1161

Issued for DA approval



Notes

- Design Storm = Q 5yr

Key to symbols

0.0359Ha
Ku=9.70
61.5% IMP
Q_{5 yr} = 8L/s

Catchment area
Pit loss value
impervious percentage of catchment
5 year flow rates

Catchment Boundary

PR06
13

Sub-Catchment Label

Reference drawings

Rev	Date	Drawn	Description	Ch'k'd	App'd
02	15.04.15	ADS	Issued for DA Approval	GC	CJA
01	10.02.15	ADS	Re-issued for Tender	GC	CJA
0	19.12.14	AMP	Issued for Tender	GC	CJA
P4	16.10.14	ADS	Re-issued for DA	GC	X
P3	23.07.14	DW	Issued for DA	GC	X
P2	14.07.14	ADS	Re-issued for information	GC	X
P1	02.06.14	AMP	Issued for information	GC	X

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Client

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Title

Oran Park - Anglicare Chesalon
Infrastructure Package
Stage 3 Civil Works
Proposed Catchment Plan

Designed	G Collins	Eng check	J Toth
Drawn	A Paciben	Coordination	J Gilligan
Dwg check	G Collins	Approved	C Avis

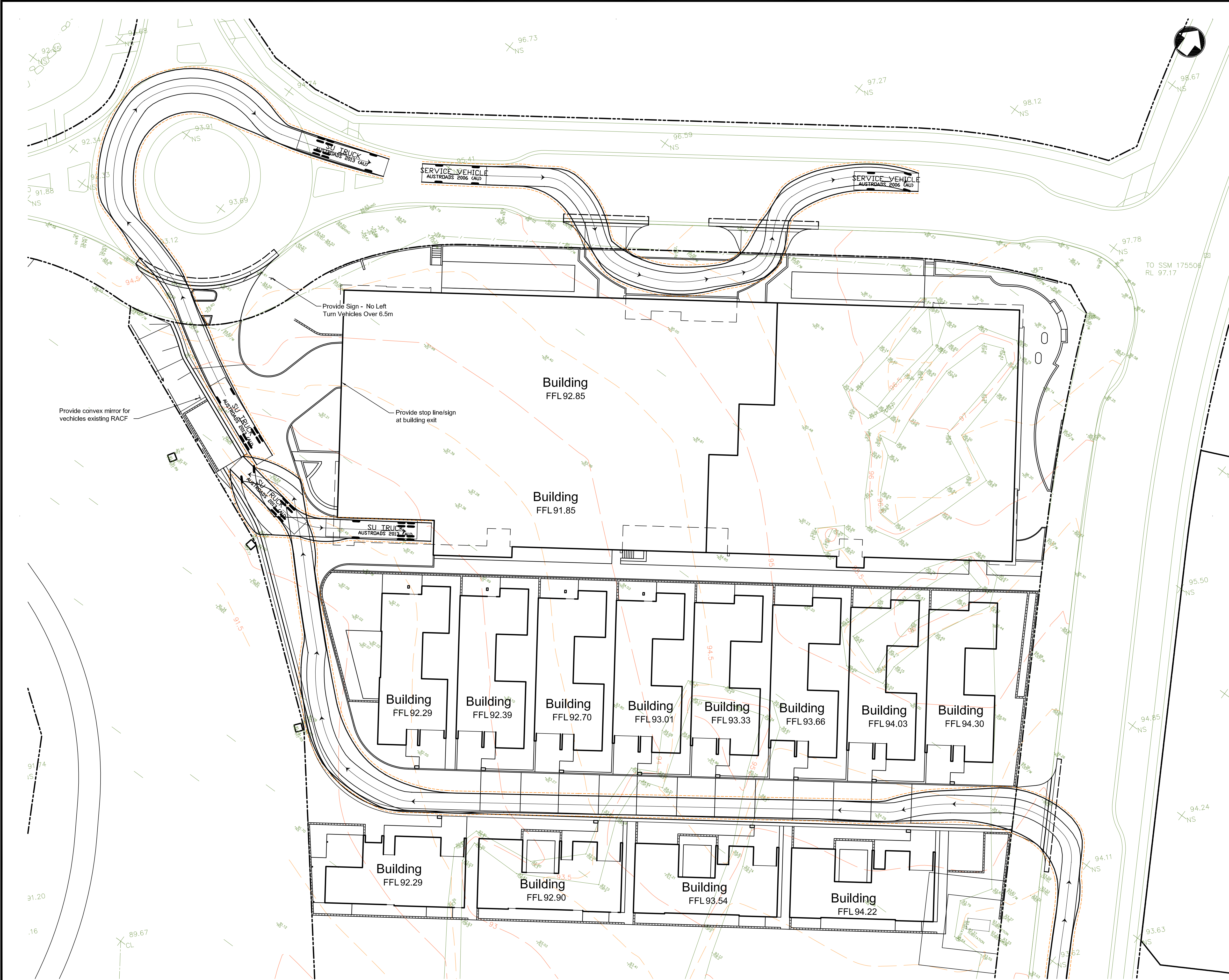
Scale at A1: 1:250

Status: APR

Rev: 02

Drawing Number

MMD-335517-C-DR-00-XX-1190



Notes

- All regulatory and performance signage and linemarking to be provided by others

Key to symbols

CAR

Width	: 1.94
Track	: 1.84
Lock to Lock Time	: 6.0
Steering Angle	: 33.5

Reference drawings

02	15.04.15	ADS	Issued for DA Approval	GC	CJA
01	10.02.15	ADS	Re-issued for Tender	GC	CJA
0	19.12.14	AMP	Issued for Tender	GC	CJA
P4	23.07.14	DW	Issued for DA	GC	X
P3	14.07.14	ADS	Re-issued for information	GC	X
P2	03.06.14	AMP	Re-issued for information	GC	X
P1	02.06.14	AMP	Issued for information	GC	X
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Client

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Title

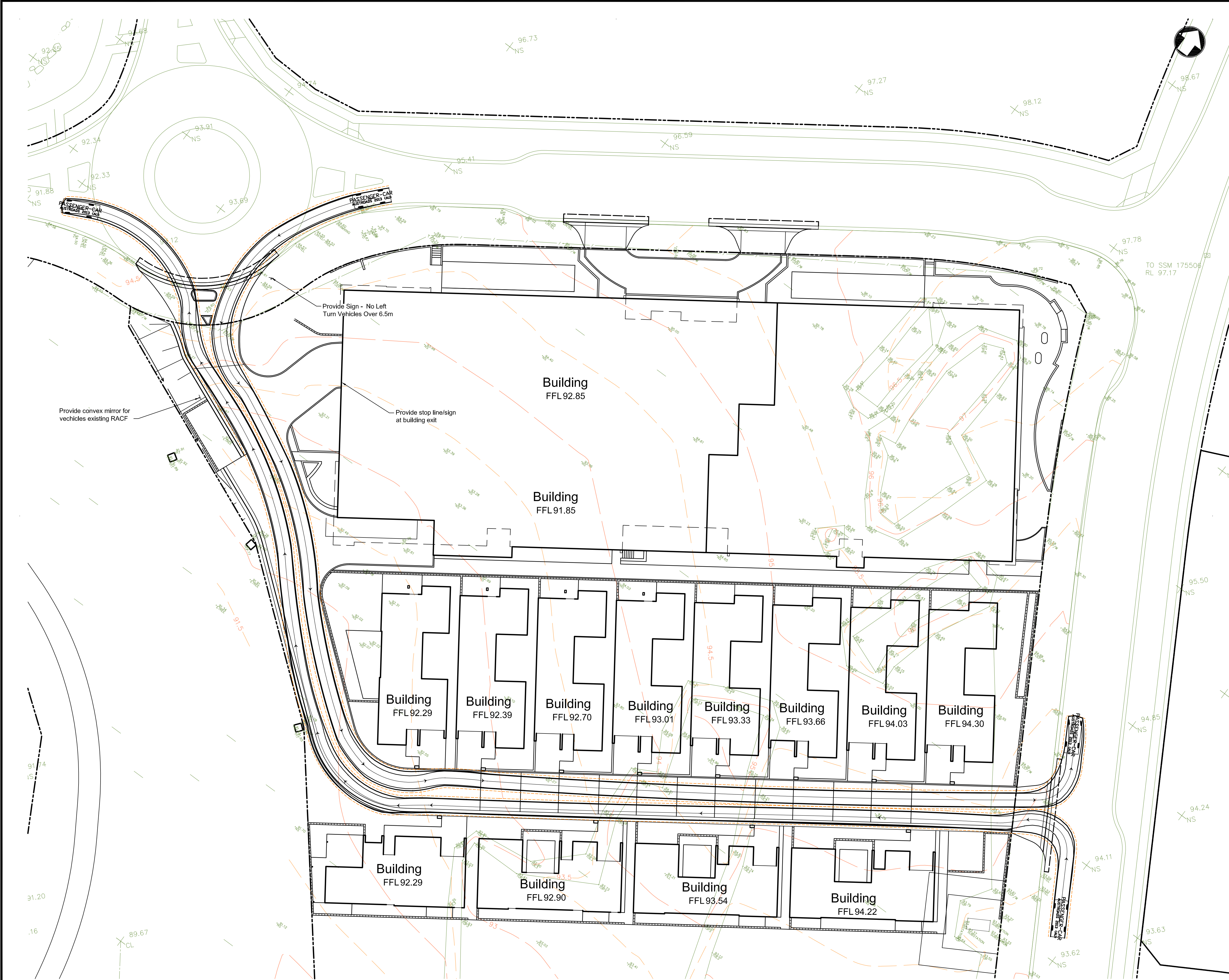
Oran Park - Anglicare Chesalon
Infrastructure Package
Stage 3 and 6 Civil Works
Simulated turning paths
Sheet 1

Designed	G Collins	Eng check	J Toth
Drawn	A Paciben	Coordination	J Gilligan
Dwg check	G Collins	Approved	C Avis

Scale at A1	Status	Rev
1:250	APR	02

Drawing Number

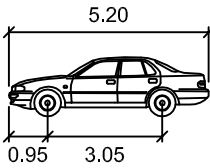
MMD-335517-C-DR-00-XX-1200

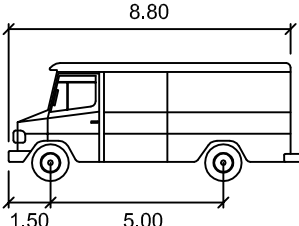


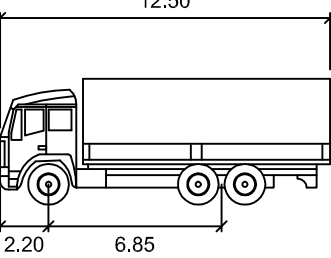
Notes

- All regulatory and performance signage and linemarking to be provided by others

Key to symbols



CAR
Width : 1.94
Track : 1.84
Lock to Lock Time : 6.0
Steering Angle : 33.5


SERVICE VEHICLE
Width : 2.50
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 38.7


SU TRUCK
Width : 2.50
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 36.6

Reference drawings

Rev	Date	Drawn	Description	Ch'k'd	App'd
02	15.04.15	ADS	Issued for DA Approval	GC	CJA
01	10.02.15	ADS	Re-issued for Tender	GC	CJA
0	19.12.14	AMP	Issued for Tender	GC	CJA
P3	15.10.14	ADS	Re-issued for DA-revised driveway	GC	X
P2	23.07.14	DW	Issued for DA	GC	X
P1	14.07.14	ADS	Re-issued for information	GC	X



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Title

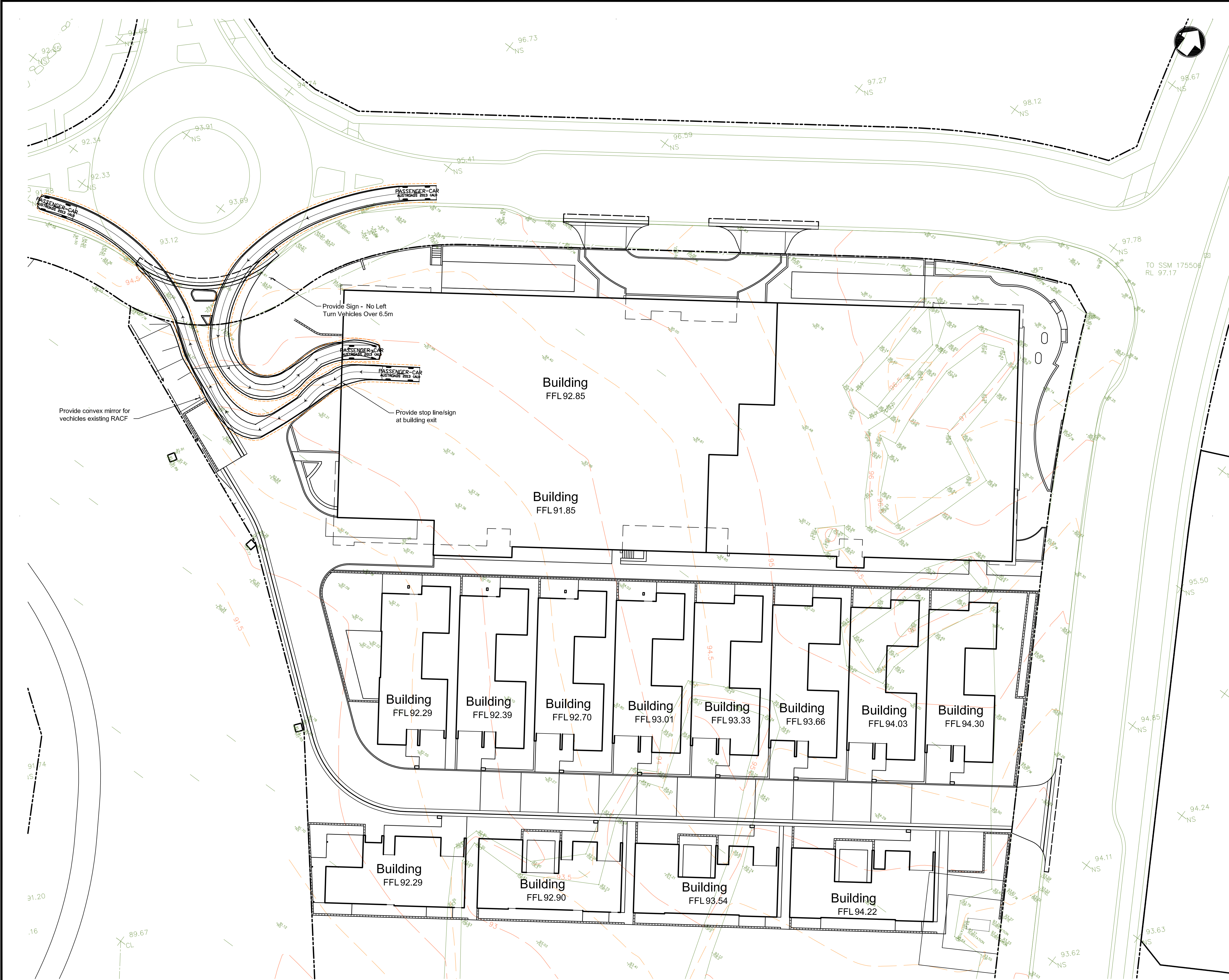
Oran Park - Anglicare Chesalon
Infrastructure Package
Stage 3 and 6 Civil Works
Simulated turning paths
Sheet 2

Designed	G Collins	.	Eng check	J Toth	.
Drawn	A Paciben	.	Coordination	J Gilligan	.
Dwg check	G Collins	.	Approved	C Avis	.

Scale at A1	Status	Rev
1:250	APR	02

Drawing Number

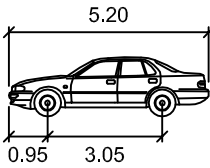
MMD-335517-C-DR-00-XX-1201

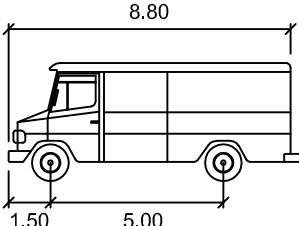


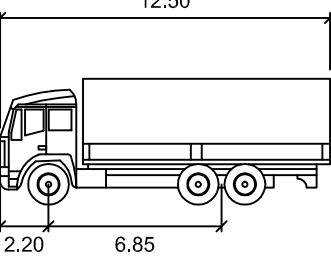
Notes

- All regulatory and performance signage and linemarking to be provided by others

Key to symbols



CAR
Width : 1.94
Track : 1.84
Lock to Lock Time : 6.0
Steering Angle : 33.5


SERVICE VEHICLE
Width : 2.50
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 38.7


SU TRUCK
Width : 2.50
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 36.6

Reference drawings

0	15.04.15	ADS	Issued for DA Approval	GC	CJA
Rev	Date	Drawn	Description	Ch'k'd	App'd



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Title

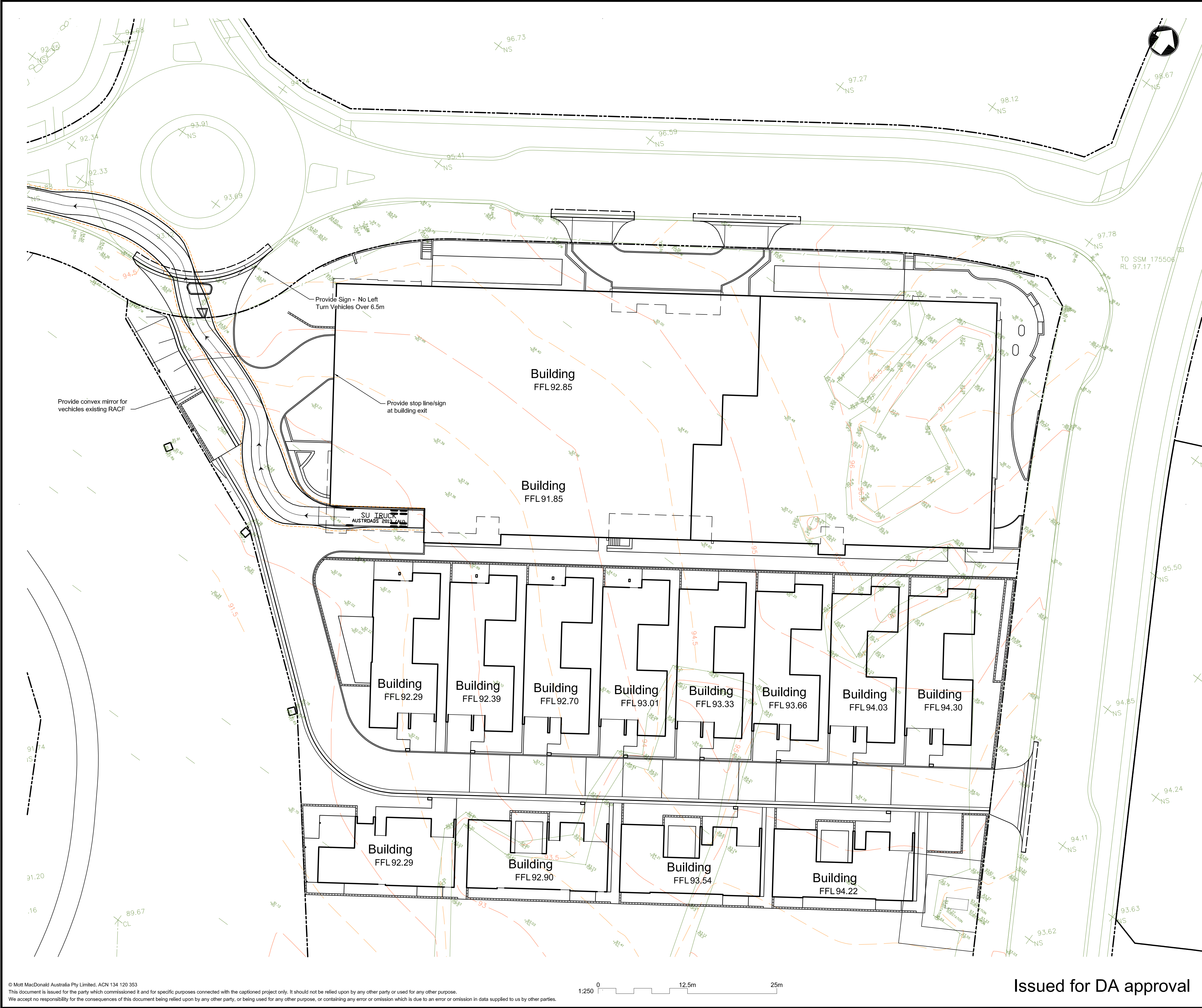
Oran Park - Anglicare Chesalon
Infrastructure Package
Stage 3 Civil Works
Simulated turning paths
Sheet 3

Designed	G Collins	Eng check	J Toth
Drawn	A Paciben	Coordination	J Gilligan
Dwg check	G Collins	Approved	C Avis

Scale at A1	Status	Rev
1:250	APR	0

Drawing Number

MMD-335517-C-DR-00-XX-1202



Notes

- All regulatory and performance signage and linemarking to be provided by others

Key to symbols

CAR meters
Width : 1.94
Track : 1.84
Lock to Lock Time : 6.0
Steering Angle : 33.5

SERVICE VEHICLE meters
Width : 2.50
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 38.7

SU TRUCK meters
Width : 2.50
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 36.6

Reference drawings

0	15.04.15	ADS	Issued for DA Approval	GC	CJA
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Title

Oran Park - Anglicare Chesalon
Infrastructure Package
Stage 3 Civil Works
Simulated turning paths
Sheet 4

Designed	G Collins	Eng check	J Toth
Drawn	A Paciben	Coordination	J Gilligan
Dwg check	G Collins	Approved	C Avis

Scale at A1
1:250

Status
APR

Rev
0

Drawing Number

MMD-335517-C-DR-00-XX-1203

Issued for DA approval