

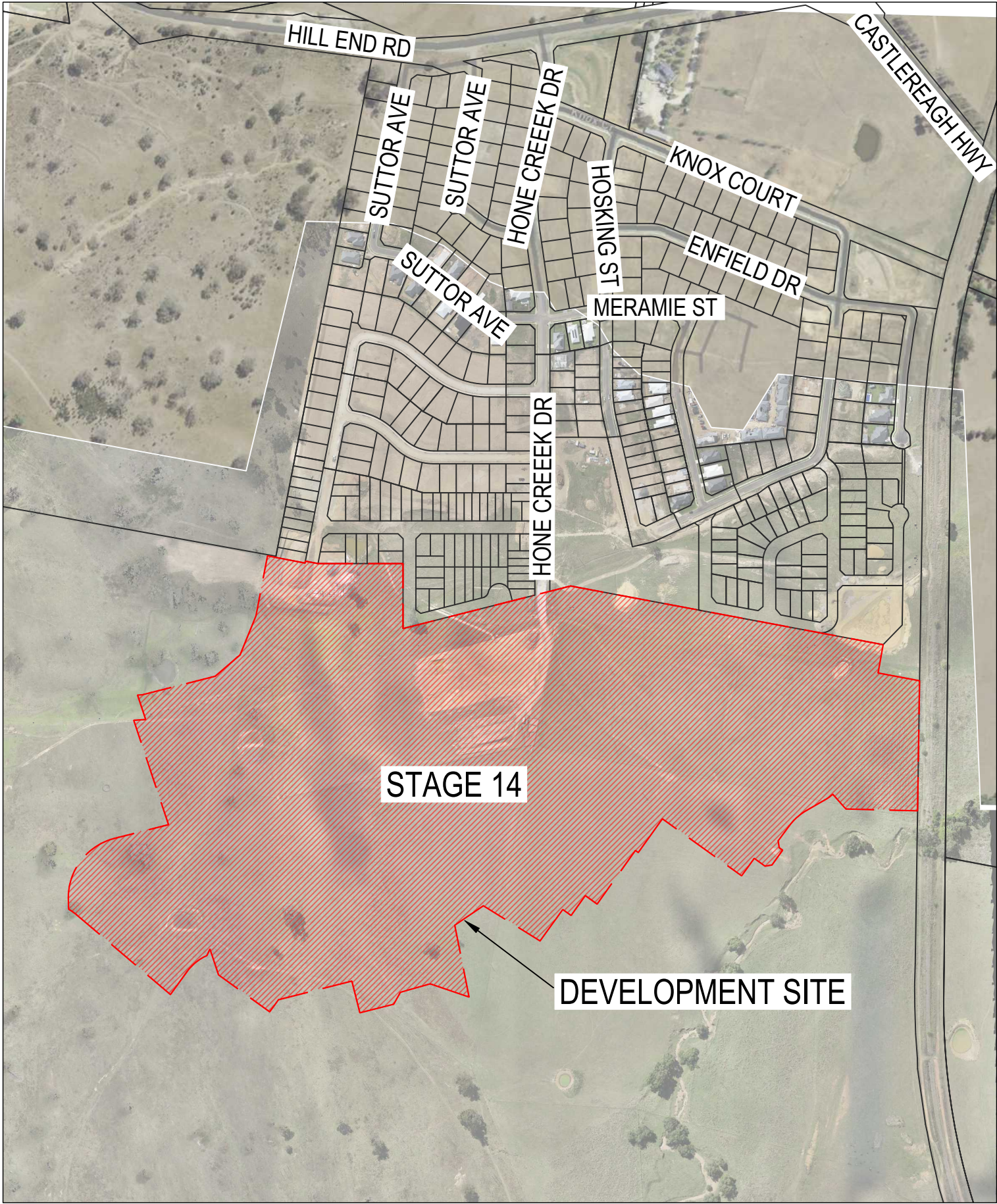
RESIDENTIAL SUBDIVISION - CAERLEON ESTATE

HILL END ROAD, MUDGEE, NSW, 2850

DEVELOPMENT APPLICATION - STAGE 14

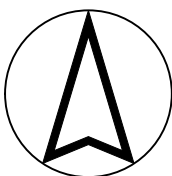
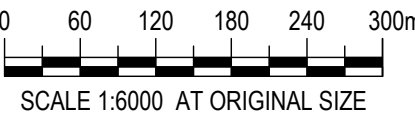
PLAN NUMBER	DRAWING TITLE
MKRV0036-14-C0000	COVER SHEET AND INDEX
MKRV0036-14-C0010	NOTES
MKRV0036-14-C0040	KEY PLAN
MKRV0036-14-C0050	LOT LAYOUT PLAN - 1 OF 8
MKRV0036-14-C0051	LOT LAYOUT PLAN - 2 OF 8
MKRV0036-14-C0052	LOT LAYOUT PLAN - 3 OF 8
MKRV0036-14-C0053	LOT LAYOUT PLAN - 4 OF 8
MKRV0036-14-C0054	LOT LAYOUT PLAN - 5 OF 8
MKRV0036-14-C0055	LOT LAYOUT PLAN - 6 OF 8
MKRV0036-14-C0056	LOT LAYOUT PLAN - 7 OF 8
MKRV0036-14-C0057	LOT LAYOUT PLAN - 8 OF 8
MKRV0036-14-C0100	CIVIL WORKS LAYOUT PLAN - 1 OF 8
MKRV0036-14-C0101	CIVIL WORKS LAYOUT PLAN - 2 OF 8
MKRV0036-14-C0102	CIVIL WORKS LAYOUT PLAN - 3 OF 8
MKRV0036-14-C0103	CIVIL WORKS LAYOUT PLAN - 4 OF 8
MKRV0036-14-C0104	CIVIL WORKS LAYOUT PLAN - 5 OF 8
MKRV0036-14-C0105	CIVIL WORKS LAYOUT PLAN - 6 OF 8
MKRV0036-14-C0106	CIVIL WORKS LAYOUT PLAN - 7 OF 8
MKRV0036-14-C0107	CIVIL WORKS LAYOUT PLAN - 8 OF 8
MKRV0036-14-C0300	TYPICAL SECTIONS LAYOUT PLAN
MKRV0036-14-C0310	TYPICAL SECTIONS SECTIONS PLAN - 1 OF 5
MKRV0036-14-C0311	TYPICAL SECTIONS SECTIONS PLAN - 2 OF 5
MKRV0036-14-C0312	TYPICAL SECTIONS SECTIONS PLAN - 3 OF 5

PLAN NUMBER	DRAWING TITLE
MKRV0036-14-C0313	TYPICAL SECTIONS SECTIONS PLAN - 4 OF 5
MKRV0036-14-C0314	TYPICAL SECTIONS SECTIONS PLAN - 5 OF 5
MKRV0036-14-C0350	CIVIL DETAILS
MKRV0036-14-C1200	CHANNEL WORKS KEY PLAN
MKRV0036-14-C1201	CHANNEL WORKS LAYOUT PLAN - 1 OF 3
MKRV0036-14-C1202	CHANNEL WORKS LAYOUT PLAN - 2 OF 3
MKRV0036-14-C1203	CHANNEL WORKS LAYOUT PLAN - 3 OF 3
MKRV0036-14-C1225	CHANNEL TYPICAL SECTIONS SECTIONS PLAN
MKRV0036-14-C1250	LONGITUDINAL SECTIONS CHANNEL 01 - 1 OF 2
MKRV0036-14-C1251	LONGITUDINAL SECTIONS CHANNEL 01 - 2 OF 2
MKRV0036-14-C1700	SWEPT PATH ANALYSIS OVERALL LAYOUT PLAN
MKRV0036-14-C1701	SWEPT PATH ANALYSIS LAYOUT PLAN - 1 OF 10
MKRV0036-14-C1702	SWEPT PATH ANALYSIS LAYOUT PLAN - 2 OF 10
MKRV0036-14-C1703	SWEPT PATH ANALYSIS LAYOUT PLAN - 3 OF 10
MKRV0036-14-C1704	SWEPT PATH ANALYSIS LAYOUT PLAN - 4 OF 10
MKRV0036-14-C1705	SWEPT PATH ANALYSIS LAYOUT PLAN - 5 OF 10
MKRV0036-14-C1706	SWEPT PATH ANALYSIS LAYOUT PLAN - 6 OF 10
MKRV0036-14-C1707	SWEPT PATH ANALYSIS LAYOUT PLAN - 7 OF 10
MKRV0036-14-C1708	SWEPT PATH ANALYSIS LAYOUT PLAN - 8 OF 10
MKRV0036-14-C1709	SWEPT PATH ANALYSIS LAYOUT PLAN - 9 OF 10
MKRV0036-14-C1710	SWEPT PATH ANALYSIS LAYOUT PLAN - 10 OF 10
MKRV0036-14-C1900	LOCAL AREA TRAFFIC MANAGEMENT LAYOUT PLAN



LOCALITY DIAGRAM

1	26.09.23	FOR APPROVAL		M.I	J.M.A
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REV	DATE	DESCRIPTION		AMD BY	APP BY



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DRAWN: M.I.LJUEVSKI	DESIGNED: M.I.LJUEVSKI
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN

NOT FOR CONSTRUCTION

RESIDENTIAL SUBDIVISION - CAERLEON MUDGEE
DEVELOPMENT APPLICATION - STAGE 14
COVER SHEET AND INDEX

DRAWING NUMBER
MKRV0036-114-C0000

SHEET No.

ORIG. SIZE

REVISION

A1

1

GENERAL

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS THAT MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCIES IN THESE DOCUMENTS SHALL BE REFERRED TO THE SUPERINTENDENT FOR A DECISION BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL CHECK AND BE RESPONSIBLE FOR THE CORRECTNESS OF ALL DIMENSIONS. ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING OFF THE PLANS.
- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT AUSTRALIAN STANDARDS, THE BY-LAWS AND ORDINANCES OF THE RELEVANT AUTHORITIES AND THE SPECIFICATIONS.
- NO CHANGES SHALL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN CONSENT OF THE SUPERINTENDENT THE SUPERINTENDENT IS TO CONFIRM THE EXACT EXTENTS ON SITE PRIOR TO COMMENCEMENT OF STAGE 13.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SAFE WORK PRACTICES ARE FOLLOWED AT ALL TIMES DURING THE COURSE OF THE CONTRACT. OH&S REGULATIONS AND WORK COVER REQUIREMENTS ARE TO BE COMPLIED WITH. REFER TO THE SPECIFICATION AND CONTRACT DOCUMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL SURVEY MARKS ARE MAINTAINED. IF THE CONTROL MARKS ARE DESTROYED OR MOVED DURING CONSTRUCTION THE CONTRACTOR MUST SUPPLY ADEQUATE MARKS FOR RE-ESTABLISHMENT AND INFORM THE SUPERINTENDENT.
- CHANGES, REDUCED LEVELS, CHAINAGES, OFFSETS AND ROAD WIDTHS ARE IN METRES UNLESS OTHERWISE SHOWN.
- LIAISE WITH THE APPOINTED SITE SUPERINTENDENT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL SITE FILLING SHALL BE COMPACTED TO 98% STANDARD COMPACTION, CONTROLLED BY THE GEOTECHNICAL ENGINEER OR AS INSTRUCTED BY THE SUPERINTENDENT
- SURPLUS EXCAVATED MATERIAL SHALL BE PLACED WHERE DIRECTED BY THE SUPERINTENDENT.
- ALL NEW WORKS SHALL MAKE A SMOOTH JUNCTION WITH EXISTING CONDITIONS.
- THE CONTRACTOR SHALL NOT ENTER UPON NOR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT THE WRITTEN PERMISSION OF THE OWNERS.
- SITE FILL AREAS - THE CONTRACTORS REGISTERED SURVEYOR SHALL TAKE LEVELS OF EXISTING SURFACE AFTER STRIPPING TOPSOIL AND PRIOR TO COMMENCING FILL OPERATIONS.
- DRAINAGE LINES UNDER ROADS SHALL BE BACKFILLED WITH NON-COHESIVE SAND, AND THE SUBSOIL DRAIN WRAPPED IN APPROVED FILTER SOCK, DISCHARGING INTO DOWN STREAM PITS.
- ALL CONDUITS AND MAINS SHALL BE LAID PRIOR TO LAYING FINAL ASPHALTIC CONCRETE SEAL.
- STREET NAME SIGNS SHALL BE ERECTED, WHERE SHOWN, IN ACCORDANCE WITH COUNCIL'S STANDARD OR AS DIRECTED BY THE SUPERINTENDENT.
- THE CONTRACTOR SHALL MAINTAIN DUST CONTROL THROUGHOUT THE DURATION OF THE PROJECT.
- ALL TREES WITHIN LIMIT OF WORKS TO BE REMOVED UNLESS NOTED AS PER LEGEND. TREES OUT OF LIMIT OF WORKS ZONE ARE TO BE LEFT UNTOUCHED. SHOULD THERE BE ANY IMPACTED TREES OUTSIDE OF WORKS ZONE THE SUPERINTENDENT IS TO BE INFORMED IMMEDIATELY.
- REFER TO MID-WESTERN REGIONAL COUNCIL AUS-SPEC SPECIFICATION AND STANDARD DRAWINGS OF KERB INLET PIT AND KERB AND GUTTER.
- CONTRACTOR TO PROVIDE STORMWATER KERB DISCHARGE INCLUDING RECTANGULAR HOLLOW SECTION, ADAPTER AND PIPE EXTENDED 0.5m BEYOND THE PROPERTY BOUNDARY AND CAPPED OFF FOR FUTURE CONNECTION
- DEWATER AND DESILT EXISTING DAMS TO PREPARE FOR SITE FILLING/OTHER WORKS REFER TO THE GEOTECHNICAL REPORT.
- PROVIDE FLOODWAY WARNING SIGNS AT APPROPRIATE LOCATIONS AND/OR AS DIRECTED BY COUNCIL'S ENGINEER.

BULK EARTHWORKS NOTES

- STRIP ALL TOPSOIL/ORGANIC MATERIAL FROM CONSTRUCTION AREA AND REMOVE FROM SITE OR STOCKPILE AS DIRECTED BY SUPERINTENDENT
- COMPACTION, TESTING, FILING, STANDARD DRY DENSITIES & MOISTURE CONTENTS TO BE IN ACCORDANCE WITH SITE GEOTECHNICAL REPORT
- ALL FILLING WORKS TO BE CARRIED OUT UNDER LEVEL 1 GEOTECH SUPERVISION AS PER AS 3798.

SITE PREPARATION NOTES

- ORIGIN OF LEVELS: AHD. COORDINATES TO MGA 55 (GDA2020) - MAP GRID AUSTRALIA
- ASPHALTIC CONCRETE SHALL CONFORM TO R.T.A. FORM R116.
- ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.T.A. FORM 3051 (UNBOUND), R.T.A. FORM 3052 (BOUND) COMPACTED TO A MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF BASECOURSE MATERIAL PLACED.
- ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.T.A. FORM 3051 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF SUB-BASE COURSE MATERIAL PLACED.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATION AND CONTRACT DOCUMENTS.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF WORKS, INCLUDING REPAIR AND/OR REPLACEMENT OF DAMAGED SECTIONS. INSPECTIONS ARE TO BE MADE PERIODICALLY DURING PROLONGED RAINFALL EVENTS AND AFTER STORM EVENTS FOR DAMAGE.
- ALL EXISTING TREES ON THE SITE ARE NOT TO BE DISTURBED OTHER THAN THOSE DESIGNATED ON THE PLANS FOR REMOVAL. THE SUPERINTENDENT IS TO APPROVE ALL TREES TO BE REMOVED. REMAINING TREES MUST BE PROTECTED IN ACCORDANCE TO THE SPECIFICATION.
- WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED OUT BY OTHERS (EG. ADJUSTMENT OF SERVICES), COORDINATION OF THESE WORKS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

SURVEY NOTES

- ALL SITE SET OUT POINTS ARE TO BE CERTIFIED BY A REGISTERED SURVEYOR.
- THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY THE REGISTERED SURVEYOR. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. MAKER ENG DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.
- CONTACT SUPERINTENDENT IF DISCREPANCIES ARE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND FIELD DATA.
- PROJECT COORDINATE SYSTEM USED: MGA-55 (GDA2020). ALL SETOUT INFORMATION AND DATUM SHALL BE CONFIRMED BY A REGISTERED SURVEYOR PRIOR TO CONSTRUCTION.
- DIGITAL DATA PROVIDED FOR INFORMATION ONLY AND IS NOT TO BE FOR SETOUT UNLESS NOTED OTHERWISE
- PLANS TAKE PRECEDENCE OVER DIGITAL DATA UNLESS NOTED OTHERWISE

ASPHALT PAVEMENT

- PREPARATION FOR PAVMENT:
 - CLEAR SITE
 - STRIP TOPSOIL
 - CUT AND FILL AND PREPARATIONS OF SUBGRADE SHALL BE AS DESCRIBED IN 'EARTHWORKS'
- SUBGRADE SHALL BE COMPACTED TO 98% STANDARD DRY DENSITY RATIO AT OPTIMUM MOISTURE CONTENT ± 2% IN ACCORDANCE WITH AS1289 5.1.1
- LOWER BASE COURSE SHALL BE CONSTRUCTED FROM CRUSHED SANDSTONE COMPACTED TO 98% STANDARD DRY DENSITY RATIO AT OPTIMUM MOISTURE CONTENT ± 2% IN ACCORDANCE WITH AS 1289.5.1.1. OF THICKNESS NOTED ON DRAWINGS
- BASE COURSE SHALL BE CONSTRUCTED FROM FINE CRUSHED ROCK DGB20 COMPACTED TO 100% STANDARD DRY DENSITY RATIO AT OPTIMUM MOISTURE CONTENT ± 2% IN ACCORDANCE WITH AS1289.5.1.1. OF THICKNESS NOTED ON DRAWINGS.
- APPLY TACK COAT 30-120 MINUTES BEFORE ASPHALT SURFACING IS PLACED.
- COVER THE SURFACE UNIFORMLY AT AN APPLICATION RATE OF 0.10 - 0.30 L/m2 OF RESIDUAL BITUMEN.
- WEARING SURFACE SHALL BE ASPHALTIC CONCRETE TO STANDARD SPECIFICATION, MINIMUM THICKNESS = 30mm, IN ACCORDANCE WITH THE REQUIREMENTS OF MID-WESTERN REGIONAL COUNCIL AUS-SPEC STANDARD SPECIFICATION.

PROPOSED SERVICES

- ALL SERVICES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND HAVE BEEN LOCATED FROM SITE INVESTIGATION AND RELEVANT AUTHORITIES' PLANS. THESE SERVICES ARE NOT GUARANTEED CORRECT OR COMPLETE.
- THE CONTRACTOR MUST OBTAIN UP-TO-DATE PLANS FROM DIAL BEFORE YOU DIG BEFORE COMMENCEMENT OF WORKS. THE EXACT LOCATION OF ALL SERVICES ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS.
- EXISTING SERVICES ARE TO BE MAINTAINED OR ADJUSTED AS DETAILED IN THE PLANS. ANY ADJUSTMENT OR PROTECTION MEASURES ARE TO BE CARRIED OUT BY ACCREDITED SERVICE PROVIDERS. REFER ANY CONFLICTS OR UNIDENTIFIED EXISTING SERVICES TO THE SUPERINTENDENT IMMEDIATELY.
- ELECTRICAL CONDUITS SHOULD BE PROVIDED AND LOCATED TO THE SATISFACTION OF ESSENTIAL ENERGY.
- WATER CONDUITS SHOULD BE PROVIDED TO SUIT WATER MAIN LOCATIONS.
- TELSTRA CONDUITS PROVIDED AND LOCATED TO THE SATISFACTION OF THE RELEVANT TELECOMMUNICATIONS AUTHORITY
- ALL SERVICES PIT COVERS AND MARKERS ARE TO BE LAID ENTIRELY WITHIN OR OUTSIDE OF THE CONCRETE FOOTPATH. REFER TO MAKER ENG SERVICE COORDINATION DRAWINGS FOR SERVICE COVER LOCATIONS. CONTACT SUPERINTENDENT SHOULD DIFFICULTIES ARISE.
- WHERE SERVICES COVERS ARE LOCATED WITHIN THE FOOTPATH & ROADWAYS, INFILL COVERS WITH A PAVEMENT SIMILAR TO THAT OF THE FOOTPATH OR ADJACENT ROADWAY SHALL BE USED. PROVIDE CONCRETE INFILL WHERE COVERS ARE WITHIN LANDSCAPE.
- ALL SERVICES COVERS TO BE PLACED AT FINISHED SURFACE LEVELS, ENSURE LONGITUDINAL AND CROSS FALL GRADES MATCH PROPOSED GRADES
- ALL WATER AND SEWER TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT MID WESTERN REGIONAL COUNCIL AUS-SPEC STANDARD SPECIFICATION. CARE TO BE TAKEN WHEN INSTALLING HYDRANTS AND STOP VALVES IN THE FOOTPATH.

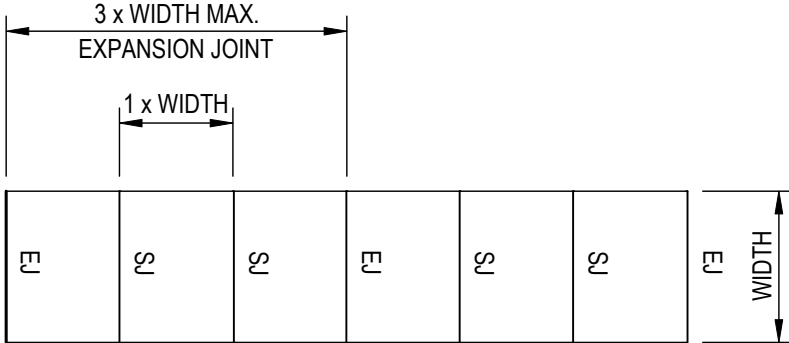
KERBING NOTES

- ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa. OTHERWISE AS PER COUNCIL SPECIFICATIONS.
- ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON 100mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 95% MODIFIED DRY DENSITY (AS 1289 5.2.11.
- EXPANSION JOINTS (E-J) TO BE FORMED FROM 10mm COMPRESSIBLE CORK FILLER BOARD FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EXPANSION JOINTS TO BE LOCATED AT DRAINAGE PITS, ON TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX 12m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EXPANSION JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
- IN THE REPLACEMENT OF ROLL/KERB AND GUTTER, EXISTING ROAD PAVEMENT IS TO BE SAWCUT 500mm U.N.O FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW ROLL/KERB AND GUTTER, NEW BASECOURSE AND SURFACE TO BE LAID 900mm WIDE U.N.O.
- PRAM RAMP GRADES SHALL BE MAX 1 IN 14, IN SPECIAL CIRCUMSTANCES GRADES SHALL BE ABSOLUTE MAX 1 IN 10.
- WEAKENED PLANE JOINTS TO BE A MINIMUM 3mm WIDE AND LOCATED AT 3m CENTRES EXCEPT ON INTEGRAL KERBS WHERE THE WEAKENED PLANE JOINTS SHALL MATCH THE JOINT LOCATIONS IN THE SLABS.
- RAMPED AND VEHICULAR CROSSINGS SHALL HAVE AS BROOMED FINISH WITH ALL OTHER KERBING OR DISH GUTTERS TO HAVE STEEL FLOAT FINISHED.

PAVEMENTS AND ROAD WORKS NOTES

PEDESTRIAN PAVEMENT JOINTS

- ALL PEDESTRIAN PAVEMENTS ARE TO BE JOINTED AS FOLLOWS (U.N.O.)
- EXPANSION JOINTS ARE TO BE LOCATED, WHERE POSSIBLE, AT INTERVALS NOT EXCEEDING 3 x THE WIDTH, AT TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX. 12m CENTRES.
- SAW JOINTS ARE TO BE PLACED LATERALLY AT INTERVALS NOT EXCEEDING 1 x WIDTH AND MAX. SPACING OF 4m.
- JOINTS SHALL BE LOCATED TO MATCH KERBING AND OR ADJACENT PAVEMENT JOINTS WHERE POSSIBLE.
- PEDESTRIAN PAVEMENT JOINTING DETAILS SHALL BE AS PER RELEVANT COUNCIL STANDARDS.



- ALL VEHICULAR PAVEMENTS TO BE JOINTED AS PER THE DRAWINGS.
- VEHICULAR ACCESS IS TO BE MAINTAINED FOR ALL PROPERTIES DURING THE COURSE OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT RESIDENTS/OWNERS WITHIN 48 HOURS PRIOR TO COMMENCEMENT OF WORKS UNLESS OTHERWISE DIRECTED.
- ALL DRIVEWAY ADJUSTMENTS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE DRAWINGS
- SUBSOIL FLUSHING POINTS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH D.O.H. STANDARD DRAWING NO RM 14. THEY SHALL BE LOCATED AS DIRECTED
- PROPOSED SERVICES WHICH CROSS THE EXISTING ROADS SHALL BE THRUST BORED UNDER THE ROAD TO AVOID DAMAGING THE EXISTING SURFACE
- ALL ROADS ARE TO BE TEMPORARILY SEALED WITH A 1 COAT SEAL. THE FINAL ASPHALT CONCRETE TO BE BONDED AND PLACED FOLLOWING APPROVAL FROM COUNCIL.

STORMWATER NOTES

- PIPE BEDDING MATERIAL SHALL BE CLEAN COURSE RIVER SAND WITH DEPTH AS FOLLOWS:
 - CONCRETE AND FRC PIPES: 100mm (175mm IN ROCK)
 - UPVC PIPE: 75mm (100mm IN ROCK)
 - SUBSOIL 50mm
- BACKFILL ALL PIPES WITH GRANULAR MATERIAL SUCH AS QUARRY FINES OF COARSE RIVER SAND TO A MINIMUM OF 150mm ABOVE THE PIPE. THE GRANULAR MATERIAL SHALL BE PLACED IN 150mm THICK MAX. LAYERS COMPACTED TO ACHIEVE A DENSITY INDEX OF 70% FREQUENCIES OF COMPACTION TESTS FOR TRENCHES SHALL BE 1 TEST PER 2 LAYERS PER 40 LINEAR METRE.
- ALL BEDDING TO BE H33 MINIMUM.
- PIPES GREATER THAN 300 DIA. TO BE REINFORCED CONCRETE CLASS '2' 10/20 COVER APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINT U.N.O.
- PIPES UP TO AND INCLUDING 300 DIA. SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
- WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS, UNSLOTTED uPVC SEWER GRADE PIPES SHALL BE USED.
- ALL PITS DEEPER THAN 1.8m ARE TO BE REINFORCED CONCRETE.
- ALL PITS, INCLUDING COUNCIL PITS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 32MPa. ALL REINFORCEMENT SHALL HAVE A MINIMUM COVER OF 50mm.
- COVERS AND GRATES SHALL CONFORM TO A.S. 3996 AND COUNCIL SPECIFICATIONS.
- BACKFILL THE REMAINDER OF THE TRENCH ABOVE THE SAND TO SUBGRADE LEVEL WITH TRENCH MATERIAL. PLACE AND COMPACT MATERIALS IN LAYERS NOT EXCEEDING 150mm LOOSE THICKNESS. MATERIAL LOWER THAN 50mm BELOW SUBGRADE LEVEL SHALL BE COMPACTED TO A MIN. OF 95% OF STANDARD MAXIMUM DRY DENSITY. TOP 50mm BELOW PAVEMENT SUBGRADE LEVELS SHALL BE COMPACTED TO AT LEAST 100% STANDARD MAXIMUM DRY DENSITY (SMDD).
- FILTER MATERIAL FOR SUBSOIL SHALL BE COARSE SAND OR CRUSHED STONE WHICH COMPLIES WITH ONE OF THE GRADINGS IN THE TABLE BELOW, AS SPECIFIED ON THE DRAWINGS THE 7mm CRUSHED ROCK FILTER MATERIAL SHALL BE ENCLOSED WITHIN FILTER FABRIC SHEET AS SPECIFIED. FILTER MATERIAL SHALL BE PLACED IN 250mm LAYERS AND COMPACTED TO A DENSITY INDEX OF 60%.

AS SIEVE SIZE (mm)	SAND	70mm ROCK
9.5	100	100
6.7	-	75-100
4.75	90-100	20-55
2.36	75-100	0-15
1.18	50-90	-
0.60	20-60	-
0.30	10-30	-
0.15	2-10	-
0.075	0-3	0-2

- LINTEL LENGTH SHOWN ON DRAWING INDICATES THE CLEAR OPENING LENGTH
- PRIOR TO ISSUE OF PRACTICAL COMPLETION CONTRACTOR SHALL CARRY OUT CCTV ON ALL PIPES AND SUBMIT VIDEO AND WRITTEN REPORT CONFIRMING THAT ALL PIPES ARE FREE OF DEFECTS AND ARE LAID TO SPECIFICATION.
- A MINIMUM GAP OF 0.2m BELOW FENCING TO BE CONSTRUCTED ACROSS THE FULL WIDTH OF ALL DRAINAGE EASEMENTS TO CONVEY DRAINAGE SURCHARGE FLOWS.
- CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
- GRATES AND COVERS SHALL CONFORM WITH MID-WESTERN REGIONAL COUNCIL DEVELOPMENT DESIGN SPECIFICATION.
- AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
- BACKFILLING OF TRENCHES SHALL BE IN ACCORDANCE WITH MID-WESTERN REGIONAL COUNCIL DEVELOPMENT DESIGN SPECIFICATION.
- STEP IRONS ARE TO BE PLACED IN PITS GREATER THAN 1.2M DEEP IN ACCORDANCE WITH MID-WESTERN REGIONAL COUNCIL DEVELOPMENT DESIGN SPECIFICATION AND MANUFACTURER REQUIREMENTS.
- SUBSOIL DRAINS ARE TO BE PROVIDED BEHIND ALL KERBS AS DIRECTED.
- ALL PITS SHALL BE BENCHED AND FLOW STREAMLINED.
- ALL MILD STEEL FIXTURES INCLUDING (GRATES, FRAMES, STEP IRONS, LADDERS ETC) SHALL BE HOT DIP GALVANISED WHICH SHALL COMPLY WITH THE REQUIREMENTS OF AS 1214 OR AS 1650, AS APPROPRIATE.
- GEOFABRIC FILTER SHALL BE PERMEABLE, NON-WOVEN FABRIC MANUFACTURED FROM A POLYPROPYLENE OR POLYESTER OF MASS GREATER THAN 135g/m2
- ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH A.S. 3500 3.1 (1998) AND AS/NZ 3500 3.2 (1998)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MINIMUM COVER OF 600mm DURING CONSTRUCTION.

TREES

THE TREES IDENTIFIED FOR RETENTION SHALL BE PROTECTED BY THE FOLLOWING MEASURES:

- PROTECTIVE FENCING CONSTRUCTED OF 1.8m HIGH CHAIN WIRE MESH SUPPORTED BY ROBUST POSTS SHALL BE INSTALLED AT A MINIMUM RADIUS OF 3m FROM THE TRUNK OF EACH TREE. THIS FENCING SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY WORKS AND REMAIN IN PLACE UNTIL ALL WORKS ARE COMPLETED. SIGNAGE SHALL BE ERECTED ON THE FENCE IN ACCORDANCE WITH THE ARBORICULTURE REPORT.
- THE TREE PROTECTION ZONE WITHIN THE PROTECTIVE FENCING SHALL BE MULCHED WITH SUITABLE ORGANIC MULCH (WOOD CHIPS OR COMPOST LEAF CHIP MULCH) AT THE DISCRETION OF THE PROJECT ARBORIST.
- NO DEVELOPMENT OR ASSOCIATED ACTIVITY IS PERMITTED WITHIN THE FENCED TREE PROTECTION ZONE FOR THE DURATION OF THE WORKS.
- ANY APPROVED WORKS WITHIN THIS TREE PROTECTION ZONE SHALL BE UNDER THE DIRECTION OF AND TO THE SATISFACTION OF A SUITABLY QUALIFIED AND EXPERIENCED ARBORIST.

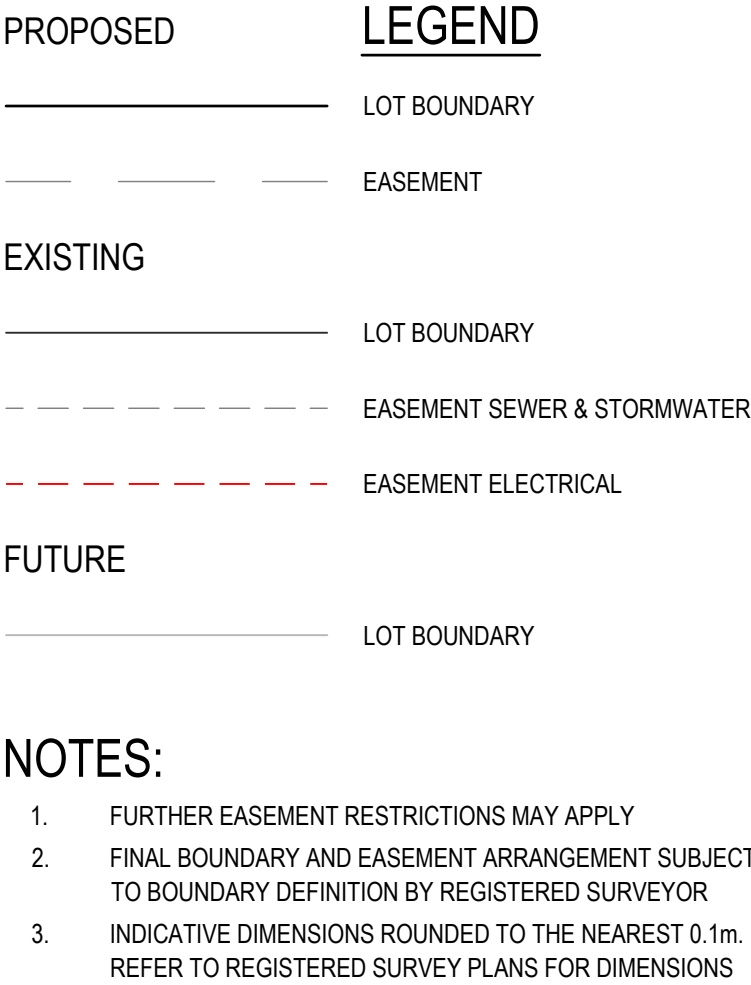
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ALL NOTES ARE TO BE READ IN CONJUNCTION WITH MID-WESTERN REGIONAL COUNCIL AUS-SPEC STANDARD SPECIFICATION

Bathla



DRAWN: M.I.LJUEVSKI	DESIGNED: M.I.LJUEVSKI	RESIDENTIAL SUBDIVISION - CAERLEON MUDGEE DEVELOPMENT APPLICATION - STAGE 14 NOTES			
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN				
APPROVED:	J.AGUSTIN				
NOT FOR CONSTRUCTION		DRAWING NUMBER MKRV0036-114-C0010	SHEET No.	ORIG. SIZE A1	REVISION 1



RESIDENTIAL SUBDIVISION - CAERLEON MUDGE DEVELOPMENT APPLICATION - STAGE 14 LOT LAYOUT PLAN



PROPOSED
— LOT BOUNDARY
— EASEMENT

EXISTING
— LOT BOUNDARY
- - - EASEMENT SEWER & STORMWATER
- - - EASEMENT ELECTRICAL

FUTURE
— LOT BOUNDARY

LEGEND

NOTES:
1. FURTHER EASEMENT RESTRICTIONS MAY APPLY
2. FINAL BOUNDARY AND EASEMENT ARRANGEMENT SUBJECT TO BOUNDARY DEFINITION BY REGISTERED SURVEYOR
3. INDICATIVE DIMENSIONS ROUNDED TO THE NEAREST 0.1m. REFER TO REGISTERED SURVEY PLANS FOR DIMENSIONS

James Agustin, 11/11/2023, 4:38 PM		0 5 10 15 20 25m SCALE 1:500 AT ORIGINAL SIZE								DRAWN: M.ILIEVSKI DESIGNED: M.ILIEVSKI DRAFT CHECK: J.AGUSTIN DESIGN CHECK: J.AGUSTIN APPROVED: J.AGUSTIN		RESIDENTIAL SUBDIVISION - CAERLEON MUDGE DEVELOPMENT APPLICATION - STAGE 14 LOT LAYOUT PLAN						
1	26.09.23	FOR APPROVAL	M.I	J.M.A							DRAWING NUMBER MKRV0036-114-C0053		SHEET No. 4 OF 8		ORIG. SIZE A1		REVISION 1	
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A							NOT FOR CONSTRUCTION							
REV	DATE	DESCRIPTION	AMD BY	APP BY														

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PROPOSED

LOT BOUNDARY

EASEMENT

EXISTING

LOT BOUNDARY

EASEMENT SEWER & STORMWATER

EASEMENT ELECTRICAL

FUTURE

LOT BOUNDARY

LEGEND

NOTES:

1.

FURTHER EASEMENT RESTRICTIONS MAY APPLY

2.

FINAL BOUNDARY AND EASEMENT ARRANGEMENT SUBJECT TO BOUNDARY DEFINITION BY REGISTERED SURVEYOR

3.

INDICATIVE DIMENSIONS ROUNDED TO THE NEAREST 0.1m. REFER TO REGISTERED SURVEY PLANS FOR DIMENSIONS

1	26.09.23	FOR APPROVAL	M.I	J.M.A
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A
REV	DATE	DESCRIPTION	AMD BY	APP BY

2023/09/26 11:11:20 AM

James Agustin

0 5 10 15 20 25m

SCALE 1:500 AT ORIGINAL SIZE

Bathla

MAKER

ENG

DRAWN: M.I.LJUEVSKI

DRAFT CHECK: J.AGUSTIN

APPROVED: J.AGUSTIN

DESIGNED: M.I.LJUEVSKI

DESIGN CHECK: J.AGUSTIN

NOT FOR CONSTRUCTION

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE

DEVELOPMENT APPLICATION - STAGE 14

LOT LAYOUT PLAN

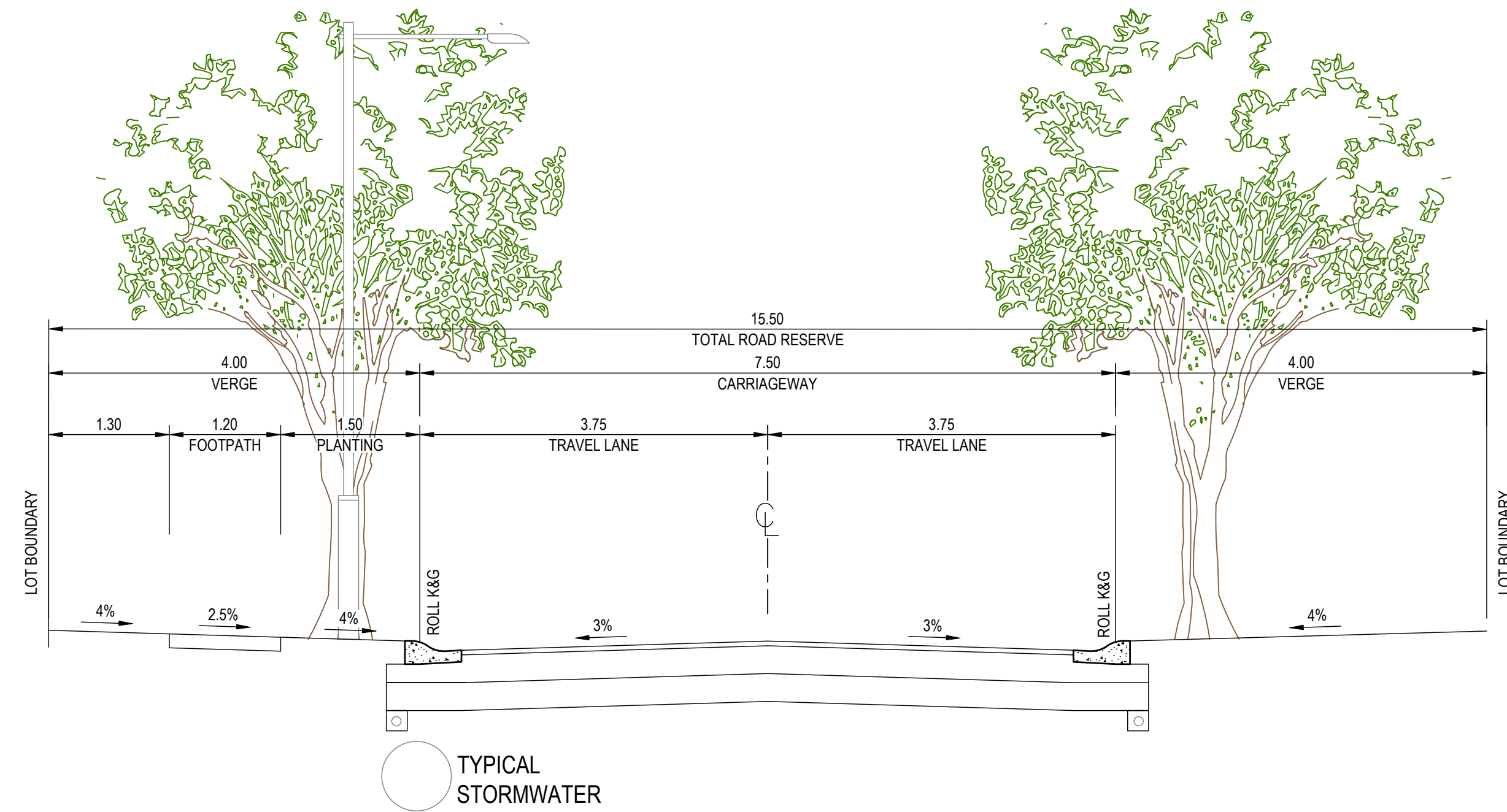
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SHEET No. 6 OF 8

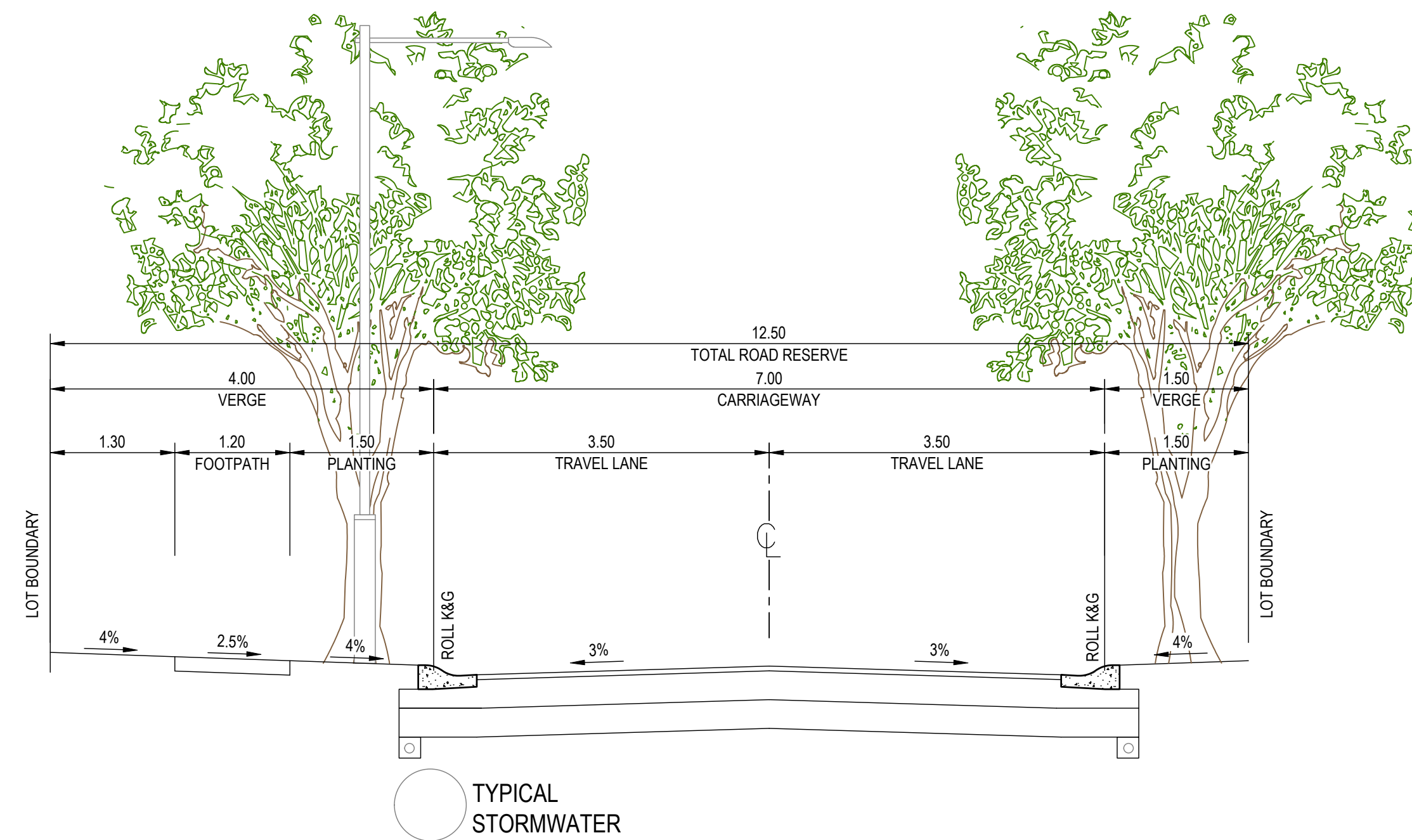
ORIG. SIZE A1

REVISION 1

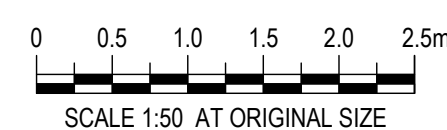
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MINOR ACCESS ROAD (15.5m WIDE)
1:50



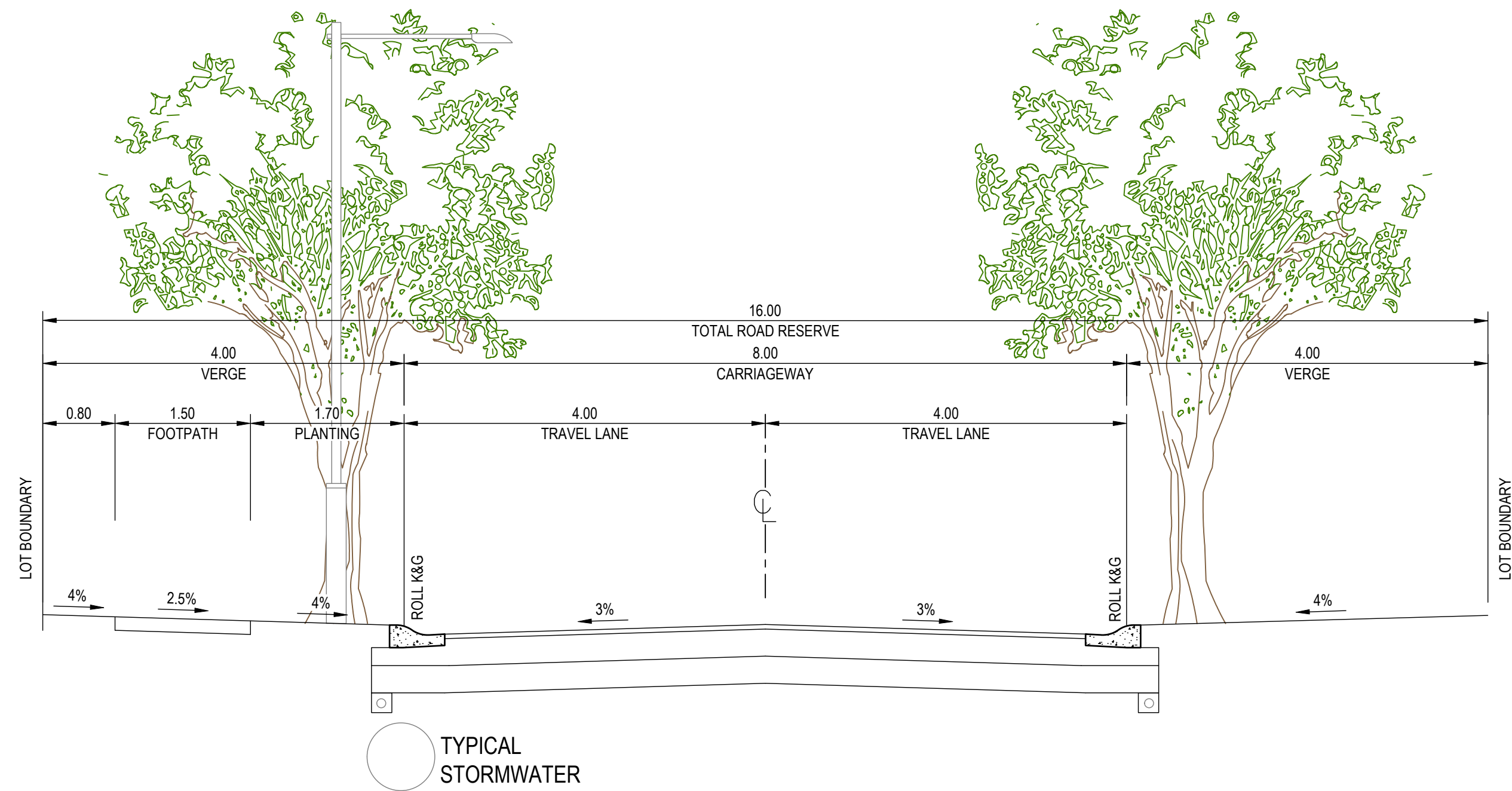
MINOR ACCESS ROAD (12.5m WIDE)
1:50



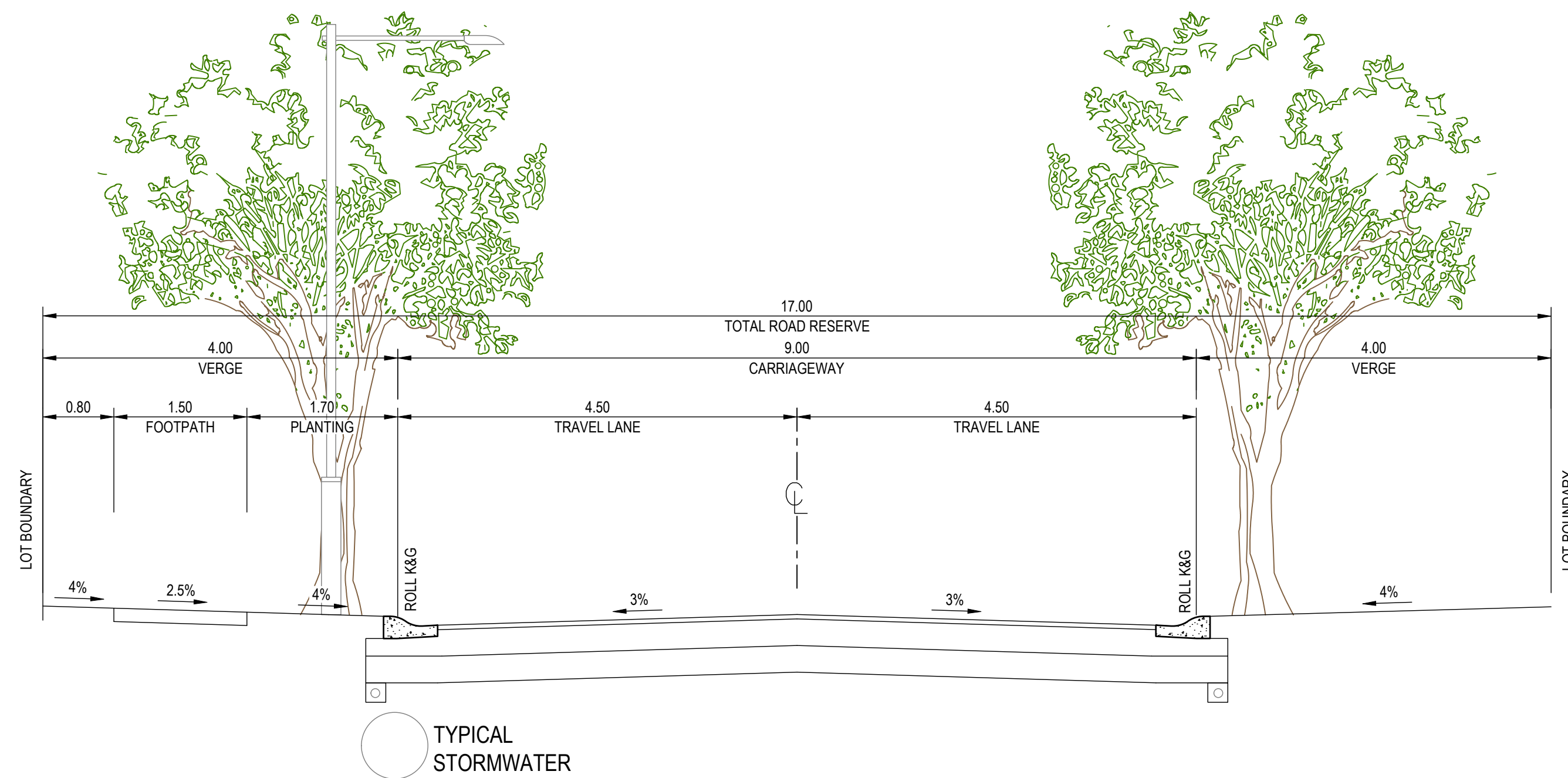
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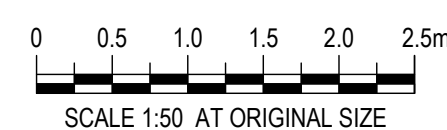
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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN				
APPROVED: J.AGUSTIN					
NOT FOR CONSTRUCTION		DRAWING NUMBER MKRV0036-114-C0310	SHEET No. 1 OF 5	ORIG. SIZE A1	REVISION 1



MINOR ACCESS ROAD (16.0m WIDE)
1:50



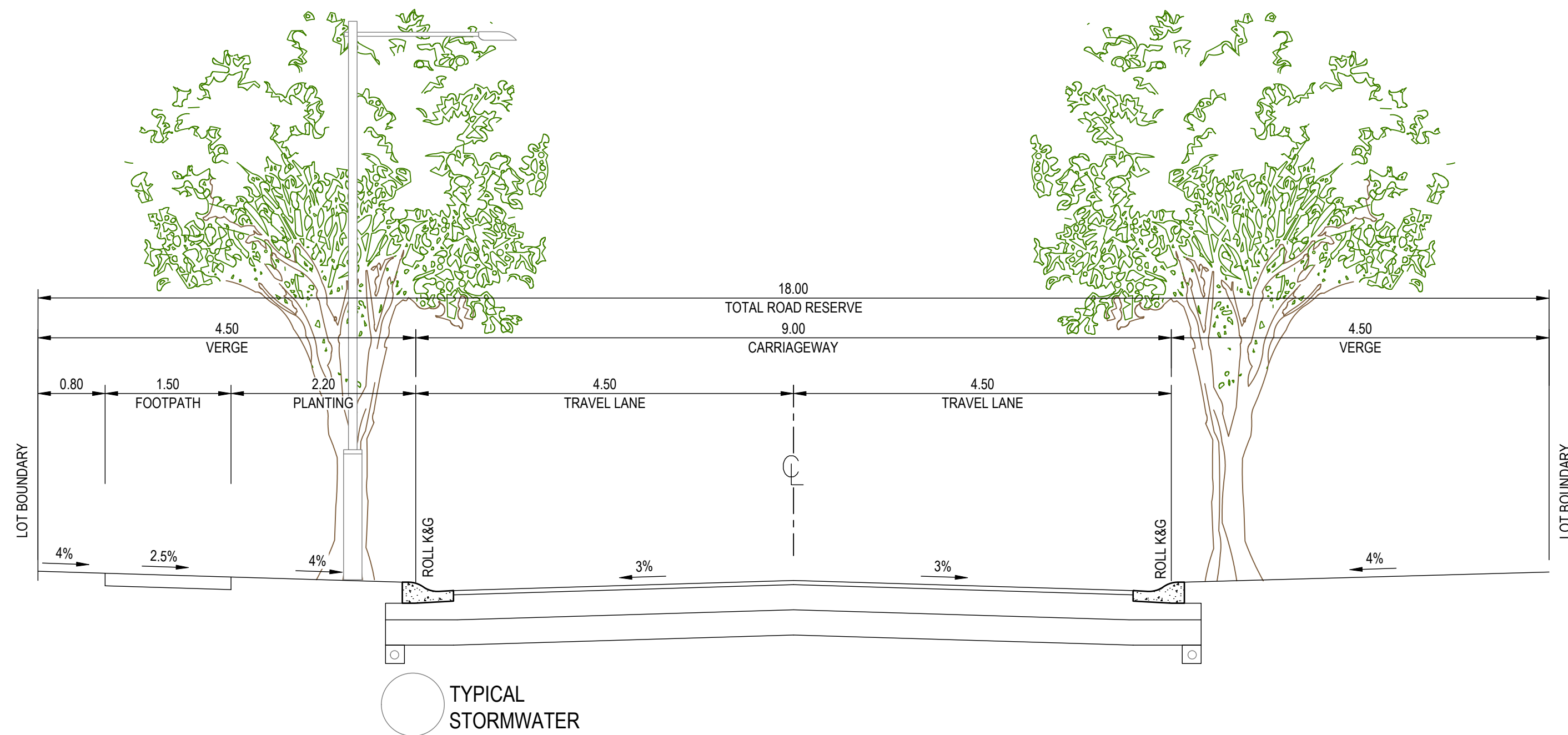
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1:50



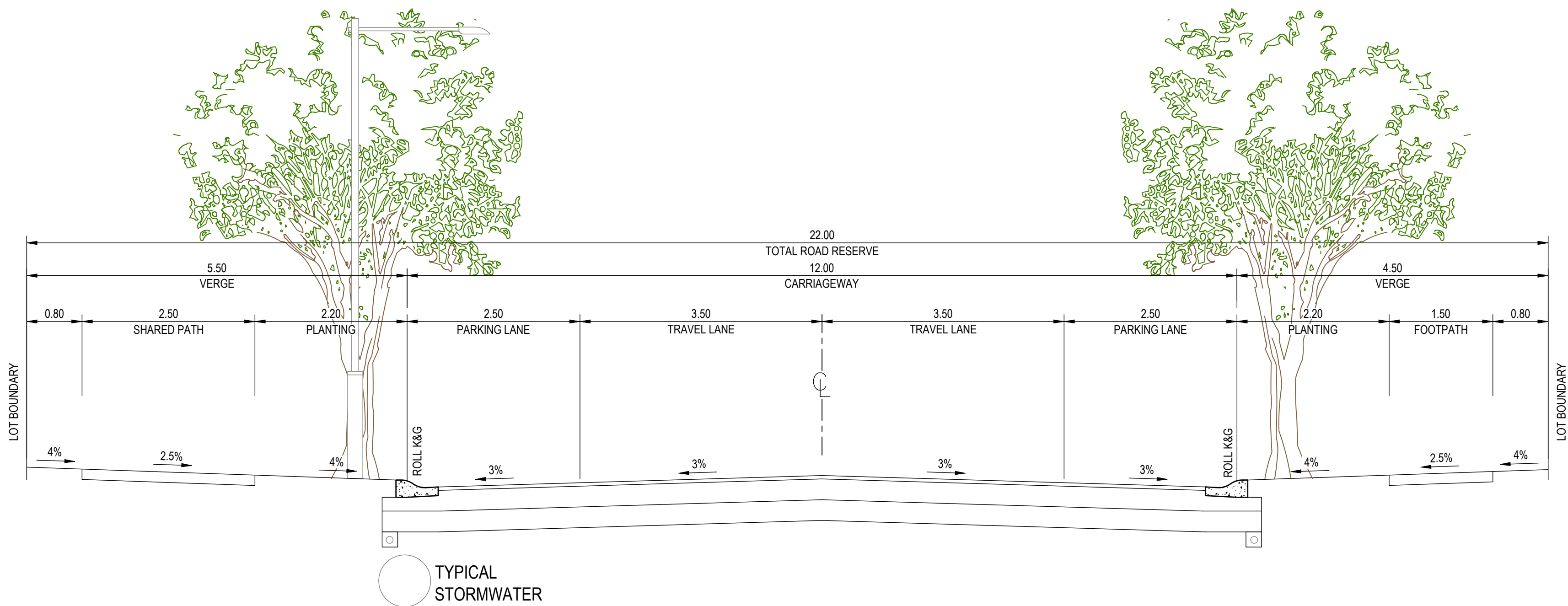
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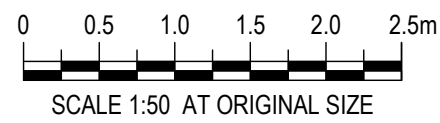
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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN				
APPROVED: J.AGUSTIN					
NOT FOR CONSTRUCTION		DRAWING NUMBER MKRV0036-114-C0311	SHEET No. 2 OF 5	ORIG. SIZE A1	REVISION 1



RESIDENTIAL ROAD (18.0m WIDE)
1:50



SUB-ARTERIAL ROAD (22m WIDE)
1:50



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DRAFT CHECK: J.AGUSTIN
DESIGN CHECK: J.AGUSTIN
APPROVED: J.AGUSTIN

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
TYPICAL SECTIONS
SECTIONS PLAN

NOT FOR CONSTRUCTION

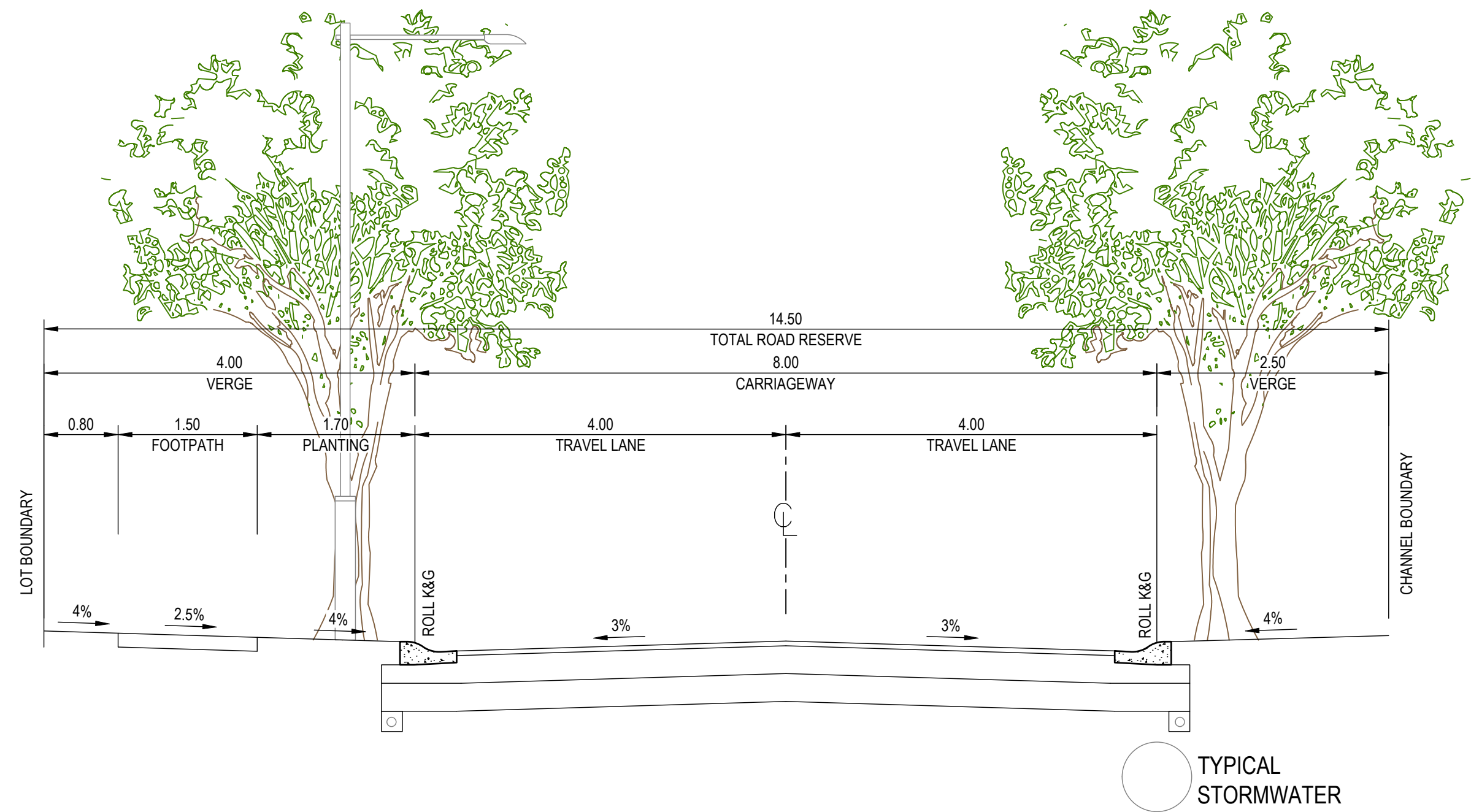
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MKRV0036-114-C0312

SHEET No.
3 OF 5

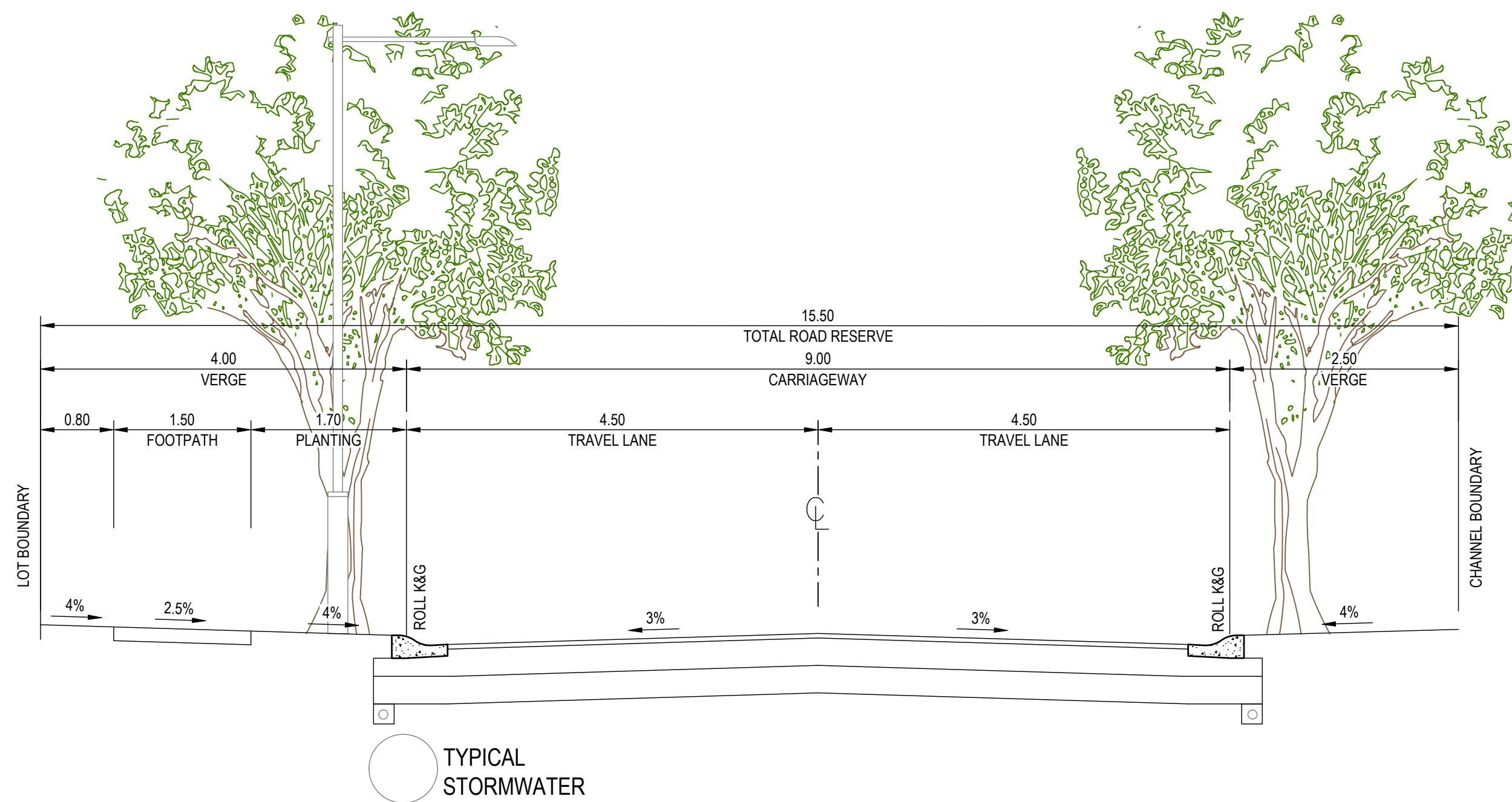
ORIG. SIZE
A1

REVISION
1

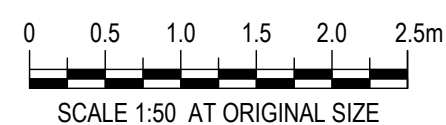
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1	26.09.23	FOR APPROVAL	M.I.	J.M.A.
P1	25.08.23	DRAFT ISSUE	M.I.	J.M.A.



MINOR ACCESS ROAD (16.0m WITH
REDUCED VERGE, 14.5m WIDE)
1:50



MINOR ACCESS ROAD (17.0m WITH
REDUCED VERGE, 15.5m WIDE)
1:50



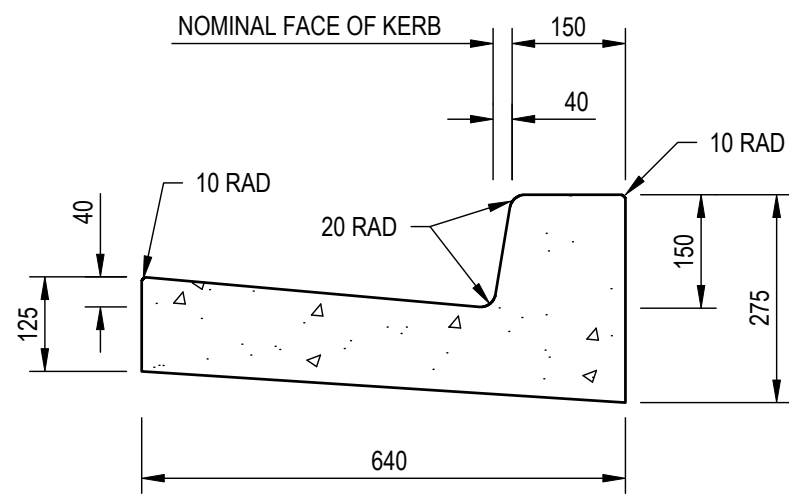
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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN				
APPROVED:	J.AGUSTIN				
NOT FOR CONSTRUCTION		DRAWING NUMBER MKRV0036-114-C0313	SHEET No. 4 OF 5	ORIG. SIZE A1	REVISION 1

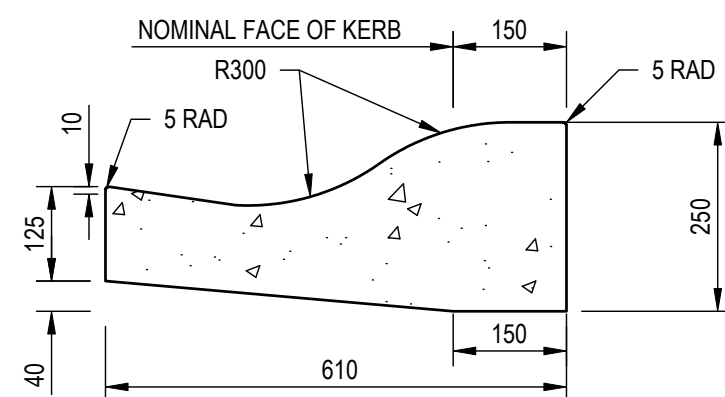


DRAWN: M.ILJEVSKI	DESIGNED: M.ILJEVSKI	RESIDENTIAL SUBDIVISION - CAERLEON MUDGE DEVELOPMENT APPLICATION - STAGE 14 TYPICAL SECTIONS SECTIONS PLAN			
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN				
APPROVED:	J.AGUSTIN				
NOT FOR CONSTRUCTION		DRAWING NUMBER MKRV0036-114-C0314	SHEET No. 5 OF 5	ORIG. SIZE A1	REVISION 1



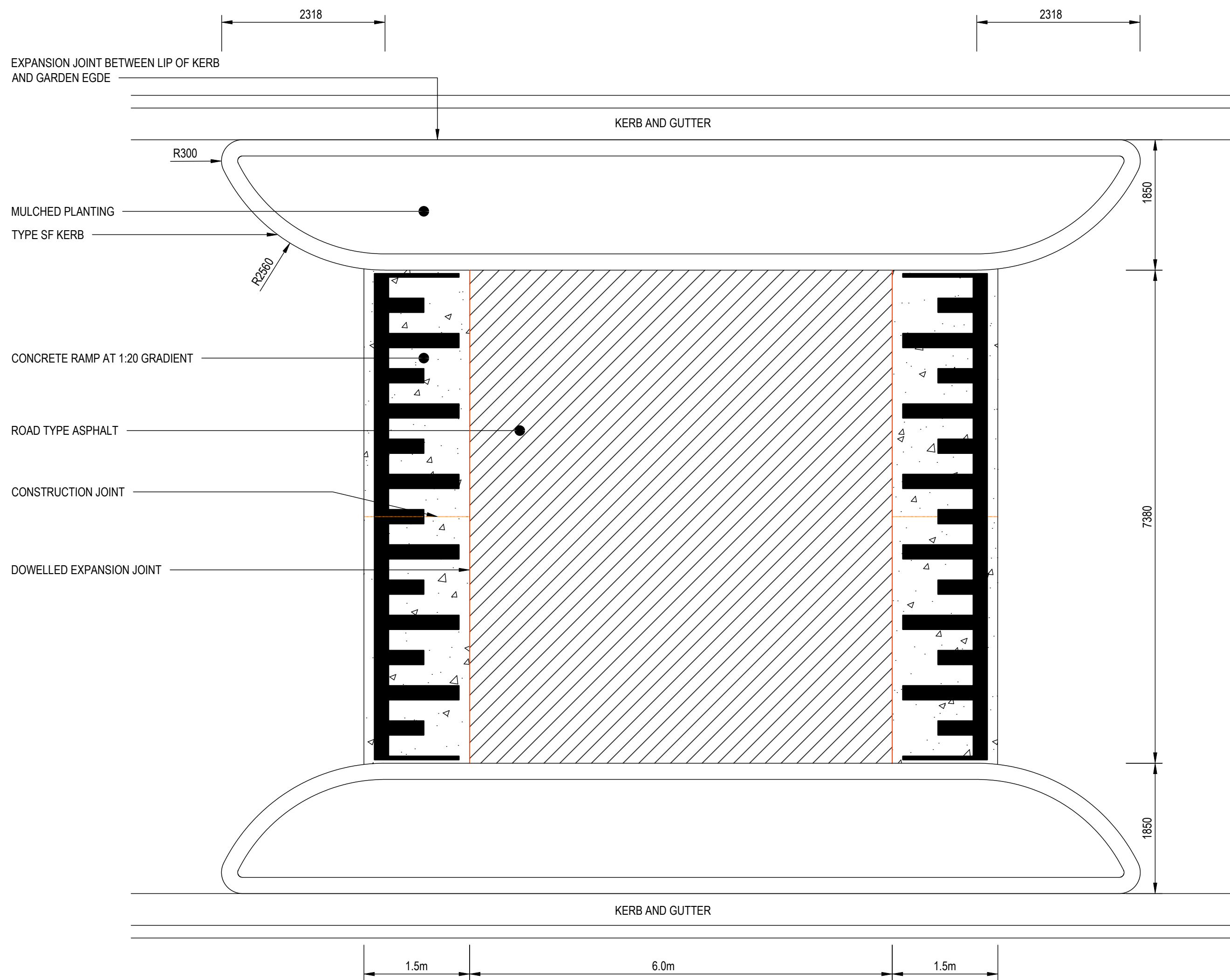
**150mm BARRIER
KERB & GUTTER**

GENERALLY IN ACCORDANCE WITH DUBBO REGIONAL COUNCIL
STANDARD DRAWING STD 5235 OR AS OTHERWISE SPECIFIED BY
MID-WESTERN REGIONAL COUNCIL
SCALE 1:10



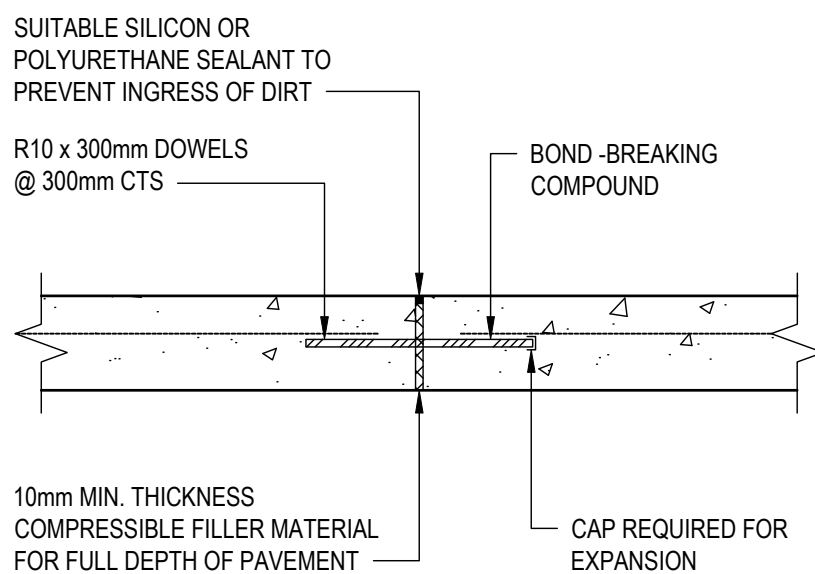
ROLL KERB & GUTTER

GENERALLY IN ACCORDANCE WITH DUBBO REGIONAL COUNCIL
STANDARD DRAWING STD 5235 OR AS OTHERWISE SPECIFIED BY
MID-WESTERN REGIONAL COUNCIL
SCALE 1:10



TYPICAL BUS FRIENDLY FLAT TOP SPEED HUMPS WITH GARDENS

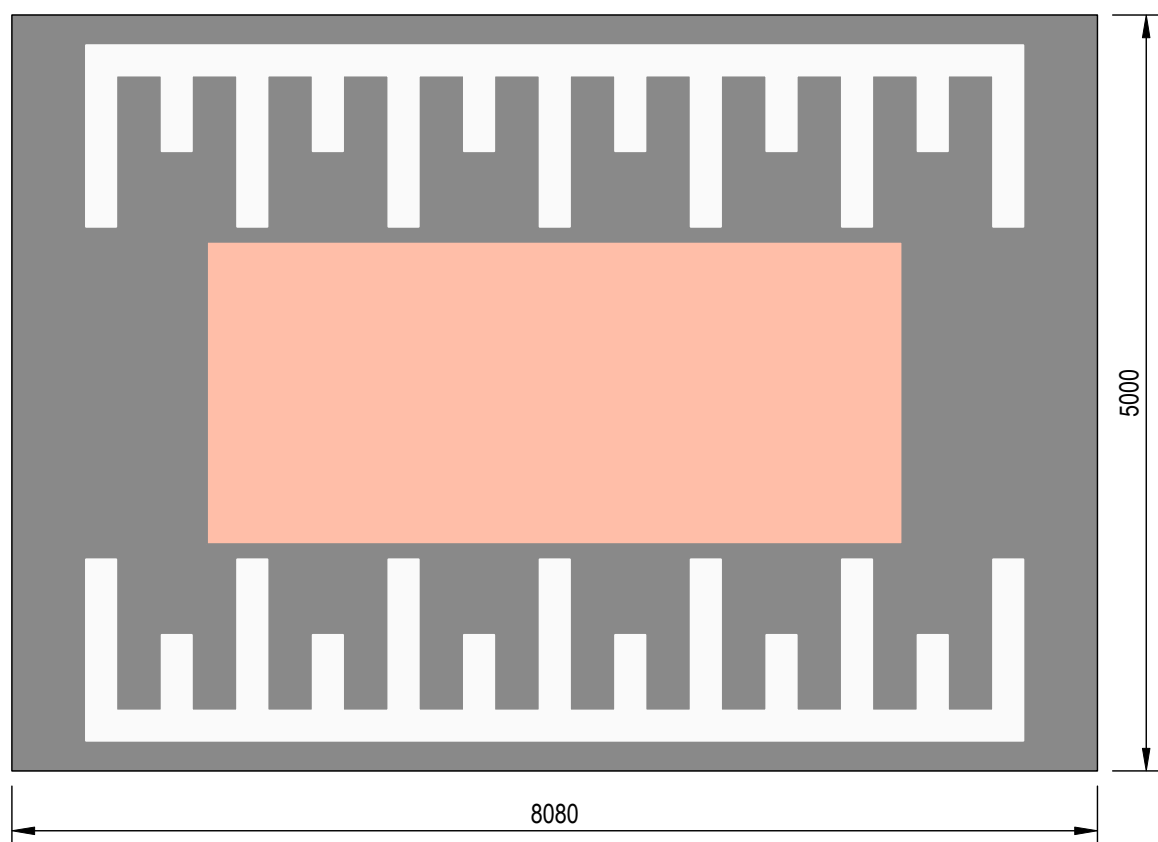
SCALE 1:50



EXPANSION JOINT DETAIL (EJ)

SCALE 1:10

INSTALL ADVISORY
WARNING SIGNS.



TYPICAL FLAT TOP SPEED HUMPS - LOCAL STREET

SCALE 1:50

INSTALL ADVISORY
WARNING SIGNS.

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1	26.09.23	FOR APPROVAL	M.I	J.M.A
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MAKER ENG

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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
CIVIL DETAILS

NOT FOR CONSTRUCTION

DRAWING NUMBER
MKRV0036-114-C0350

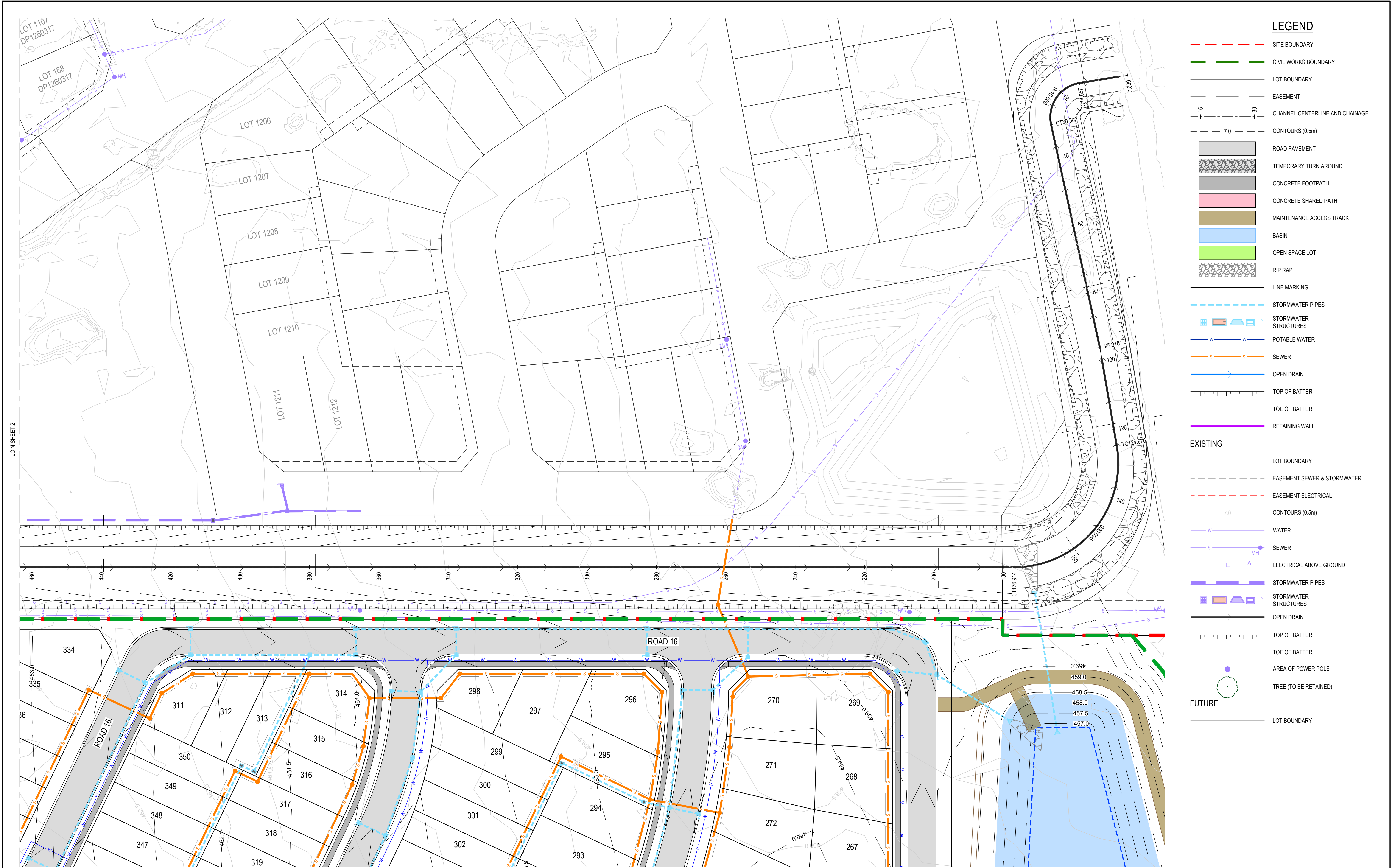
SHEET No.

ORIG. SIZE

REVISION

A1

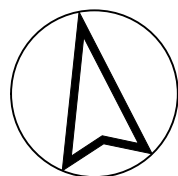
1



- LEGEND**
- SITE BOUNDARY
 - CIVIL WORKS BOUNDARY
 - LOT BOUNDARY
 - EASEMENT
 - CHANNEL CENTERLINE AND CHAINAGE
 - CONTOURS (0.5m)
 - ROAD PAVEMENT
 - TEMPORARY TURN AROUND
 - CONCRETE FOOTPATH
 - CONCRETE SHARED PATH
 - MAINTENANCE ACCESS TRACK
 - BASIN
 - OPEN SPACE LOT
 - RIP RAP
 - LINE MARKING
 - STORMWATER PIPES
 - STORMWATER STRUCTURES
 - POTABLE WATER
 - SEWER
 - OPEN DRAIN
 - TOP OF BATTER
 - TOE OF BATTER
 - RETAINING WALL
- EXISTING**
- LOT BOUNDARY
 - EASEMENT SEWER & STORMWATER
 - EASEMENT ELECTRICAL
 - CONTOURS (0.5m)
 - WATER
 - SEWER
 - ELECTRICAL ABOVE GROUND
 - STORMWATER PIPES
 - STORMWATER STRUCTURES
 - OPEN DRAIN
 - TOP OF BATTER
 - TOE OF BATTER
 - AREA OF POWER POLE
 - TREE (TO BE RETAINED)
- FUTURE**
- LOT BOUNDARY

1	26.09.23	FOR APPROVAL	M.I	J.M.A
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A
REV	DATE	DESCRIPTION	AMD BY	APP BY

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE



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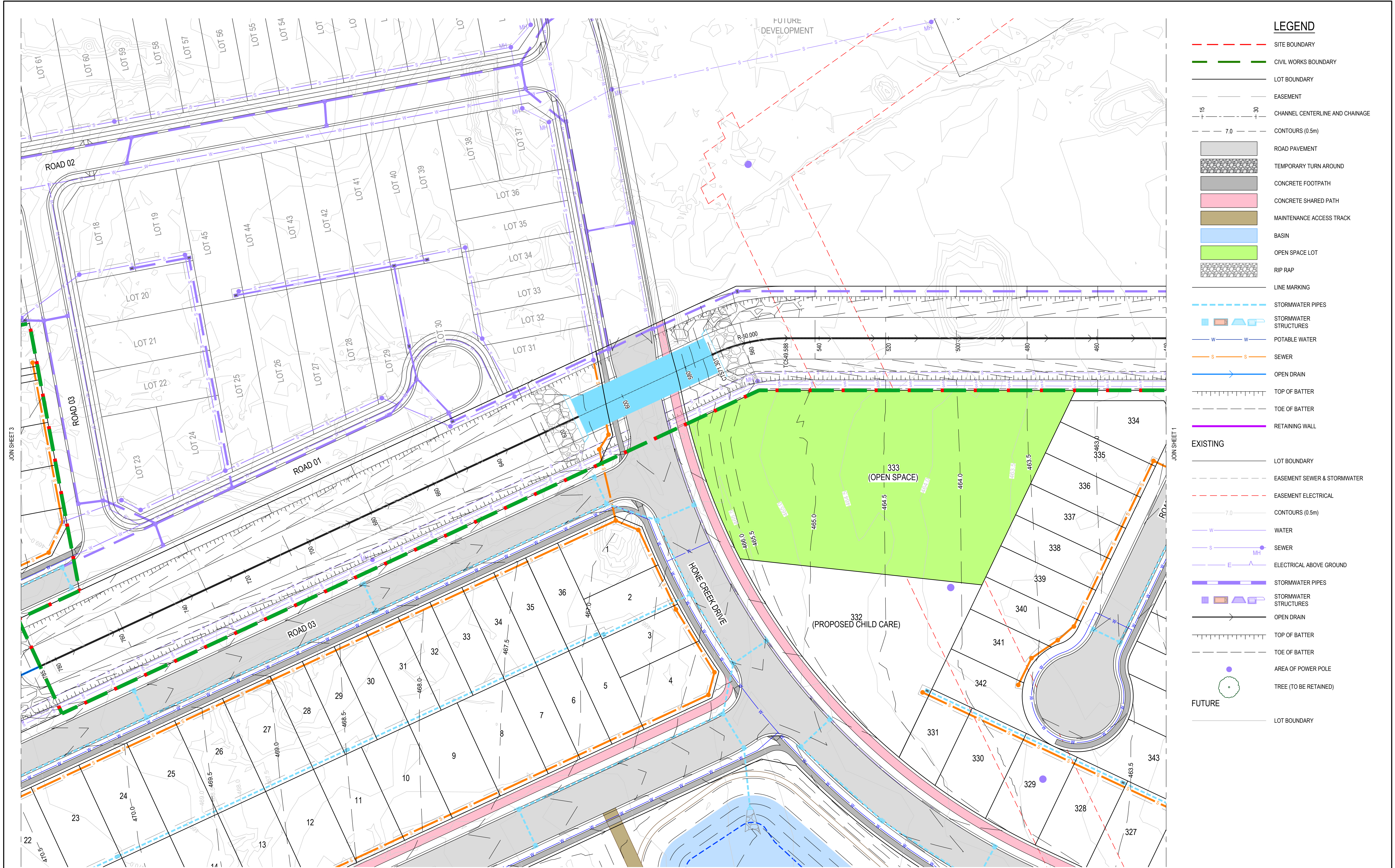


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DESIGNED: M.I.LJUEVSKI
DRAFT CHECK: J.AGUSTIN
DESIGN CHECK: J.AGUSTIN
APPROVED: J.AGUSTIN

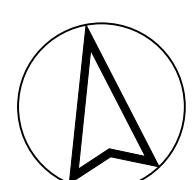
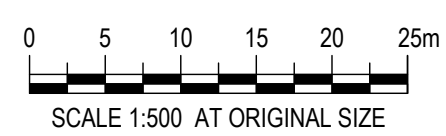
NOT FOR CONSTRUCTION

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
CHANNEL WORKS
LAYOUT PLAN

DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
MKR0036-114-C1201	1 OF 3	A1	1



1	26.09.23	FOR APPROVAL	M.I.	J.M.A.
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REV	DATE	DESCRIPTION	AMD BY	APP BY



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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN
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RESIDENTIAL SUBDIVISION - CAERLEON MUDGE DEVELOPMENT APPLICATION - STAGE 14 CHANNEL WORKS LAYOUT PLAN			
DRAWING NUMBER MKRV0036-114-C1202	SHEET No. 2 OF 3	ORIG. SIZE A1	REVISION 1

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James Agustin, 11/11/2023, 4:38 PM



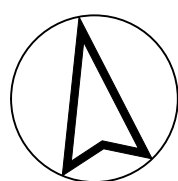
- LEGEND**
- SITE BOUNDARY
 - CIVIL WORKS BOUNDARY
 - LOT BOUNDARY
 - EASEMENT
 - CHANNEL CENTERLINE AND CHAINAGE
 - CONTOURS (0.5m)
 - ROAD PAVEMENT
 - TEMPORARY TURN AROUND
 - CONCRETE FOOTPATH
 - CONCRETE SHARED PATH
 - MAINTENANCE ACCESS TRACK
 - BASIN
 - OPEN SPACE LOT
 - RIP RAP
 - LINE MARKING
 - STORMWATER PIPES
 - STORMWATER STRUCTURES
 - POTABLE WATER
 - SEWER
 - OPEN DRAIN
 - TOP OF BATTER
 - TOE OF BATTER
 - RETAINING WALL
- EXISTING**
- LOT BOUNDARY
 - EASEMENT SEWER & STORMWATER
 - EASEMENT ELECTRICAL
 - CONTOURS (0.5m)
 - WATER
 - SEWER
 - ELECTRICAL ABOVE GROUND
 - STORMWATER PIPES
 - STORMWATER STRUCTURES
 - OPEN DRAIN
 - TOP OF BATTER
 - TOE OF BATTER
 - AREA OF POWER POLE
 - TREE (TO BE RETAINED)
- FUTURE**
- LOT BOUNDARY

JOIN SHEET 2

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1	26.09.23	FOR APPROVAL	M.I.	J.M.A.
P1	25.08.23	DRAFT ISSUE	M.I.	J.M.A.

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SCALE 1:500 AT ORIGINAL SIZE



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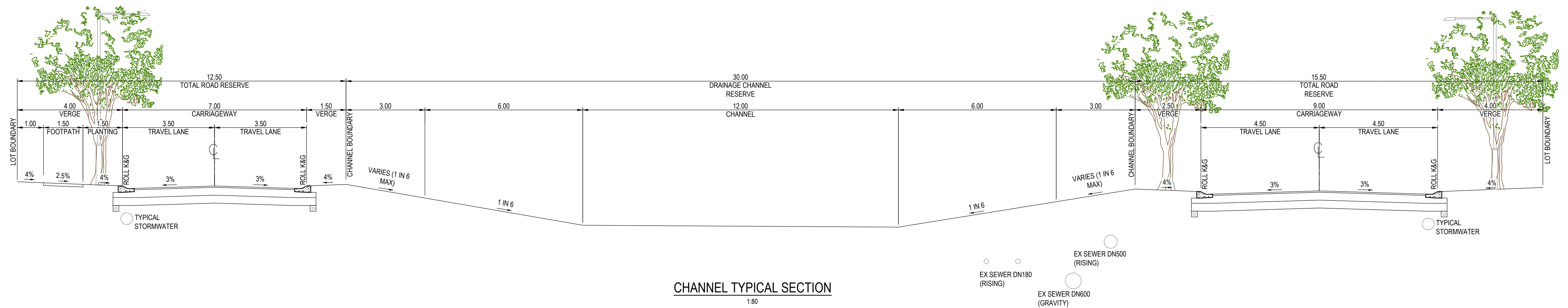


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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN
NOT FOR CONSTRUCTION	

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
CHANNEL WORKS
LAYOUT PLAN

DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
MKR0036-114-C1203	3 OF 3	A1	1

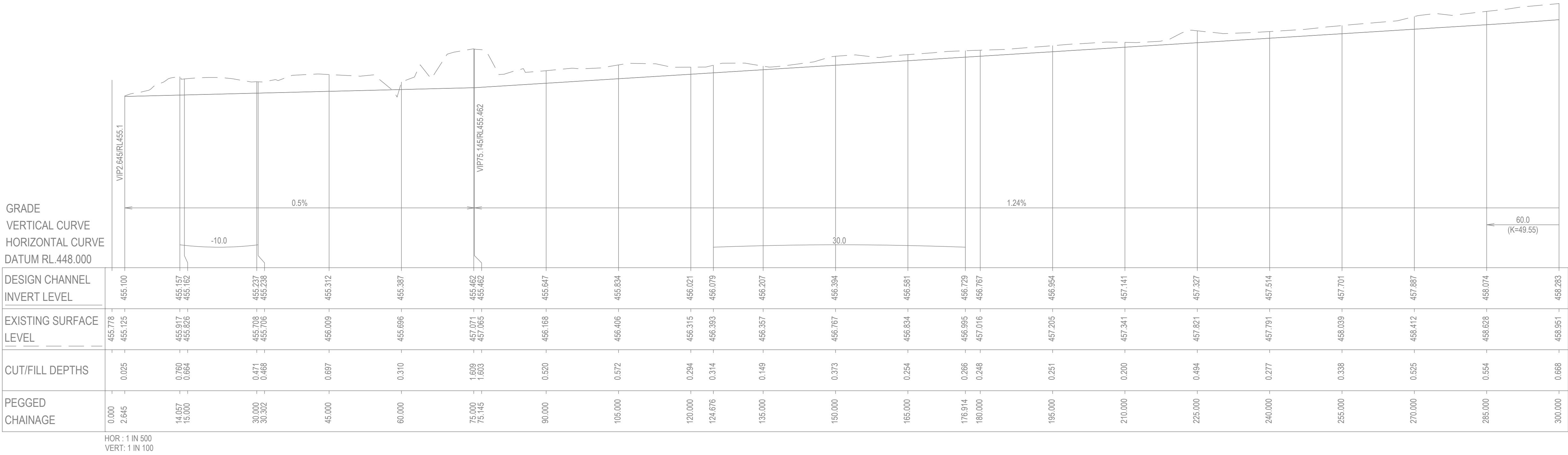
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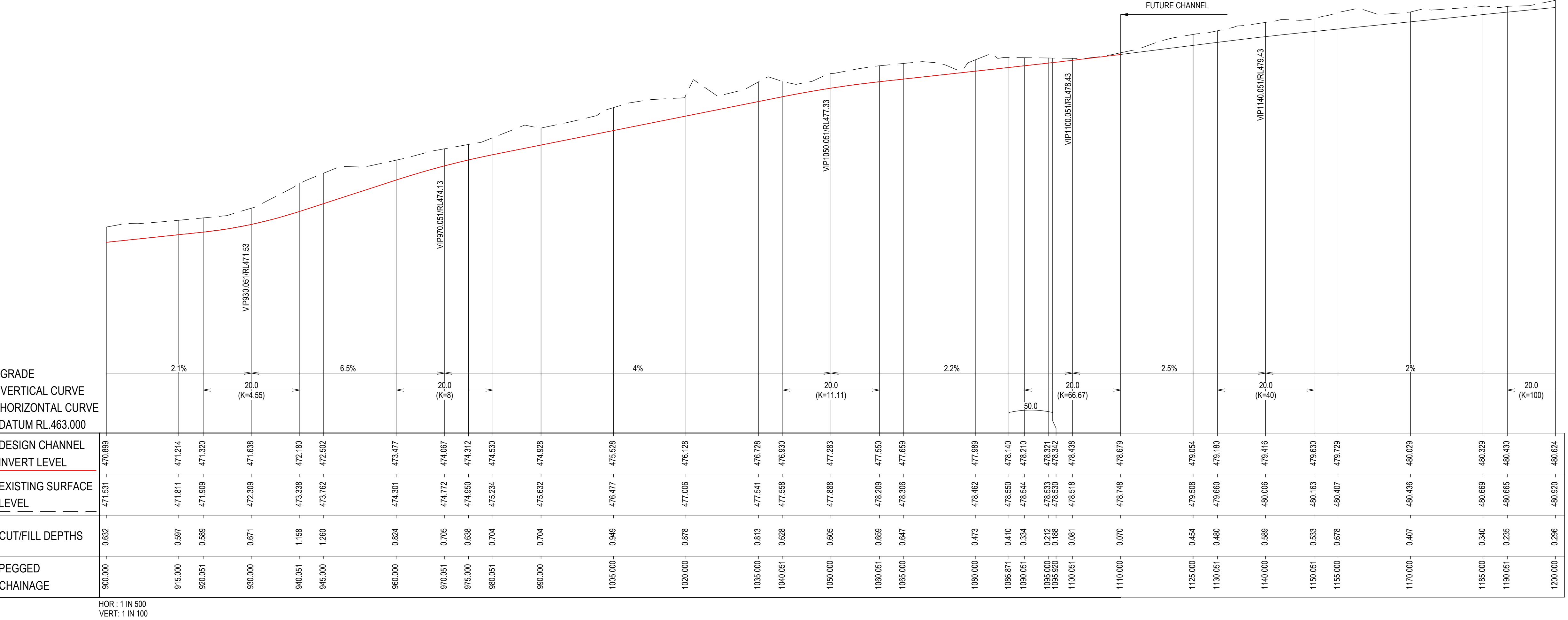
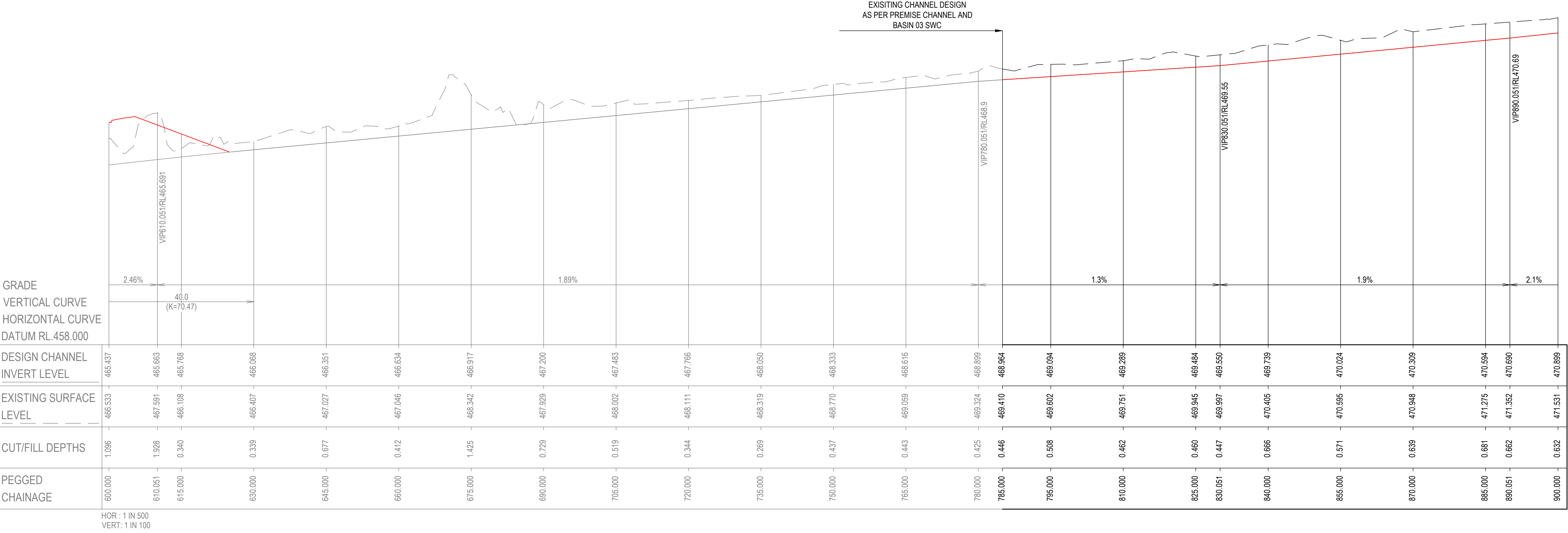
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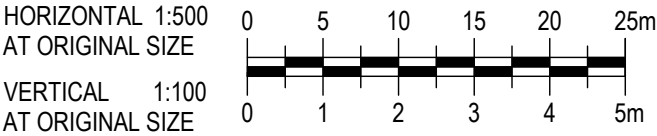
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DRAFT CHECK: J.AGUSTIN		DESIGN CHECK: J.AGUSTIN						
APPROVED:		J.AGUSTIN						
NOT FOR CONSTRUCTION				DRAWING NUMBER MKRV0036-114-C1225		SHEET No.	ORIG. SIZE A1	REVISION 1





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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN

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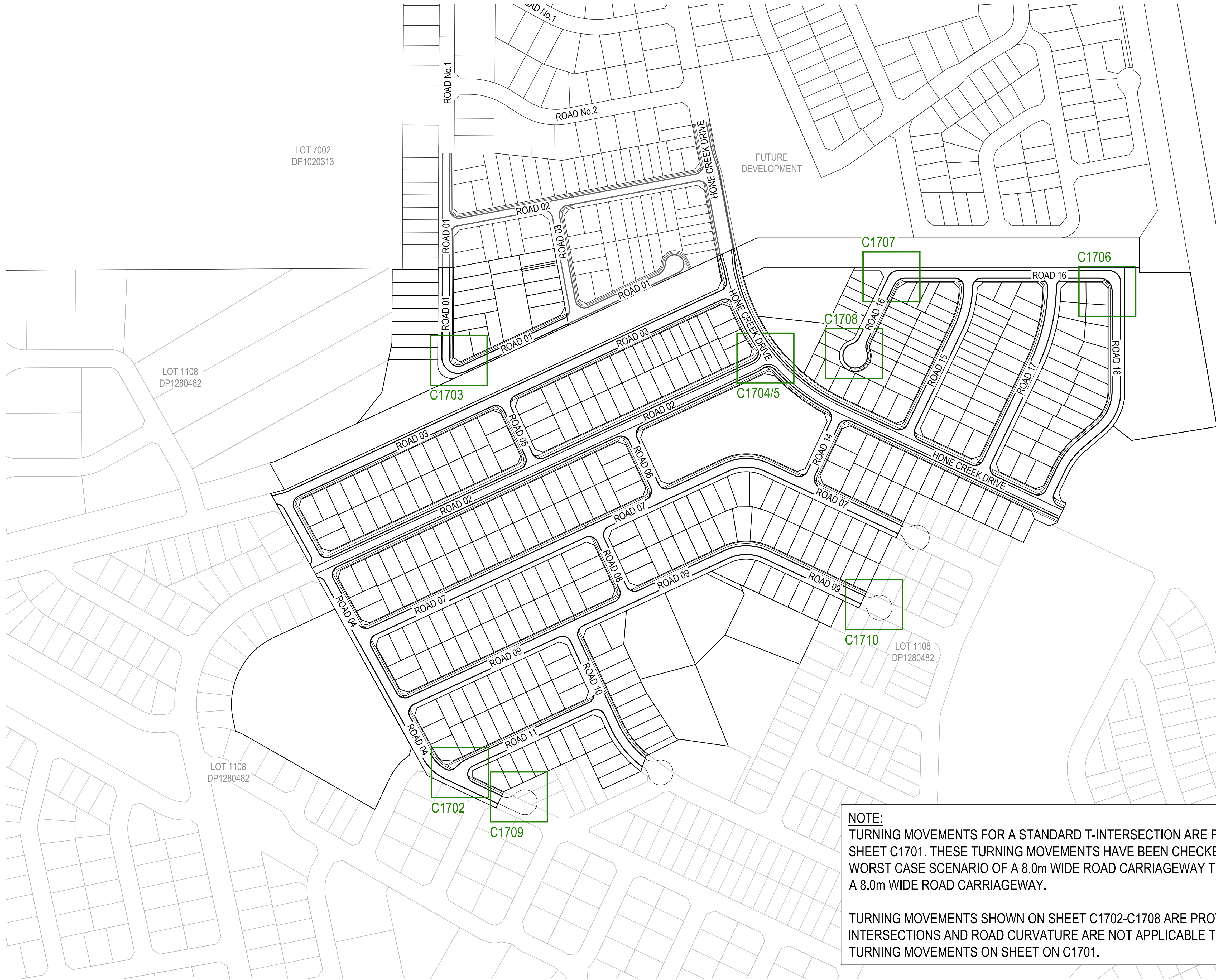
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DEVELOPMENT APPLICATION - STAGE 14
LONGITUDINAL SECTIONS
CHANNEL 01

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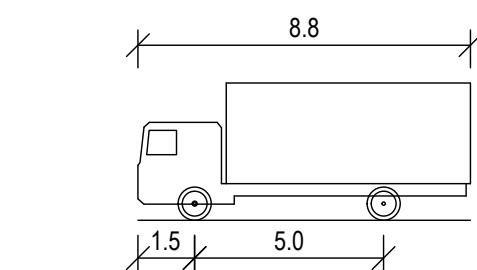
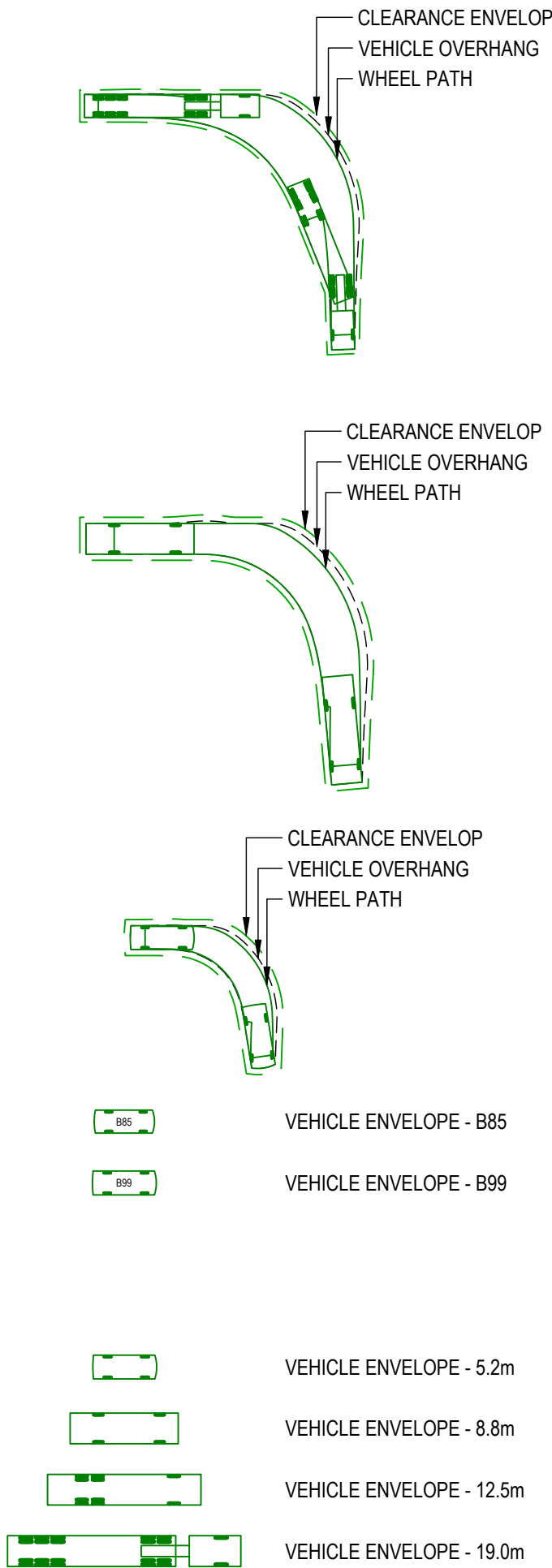
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2 OF 2

ORIG. SIZE
A1

REVISION
1

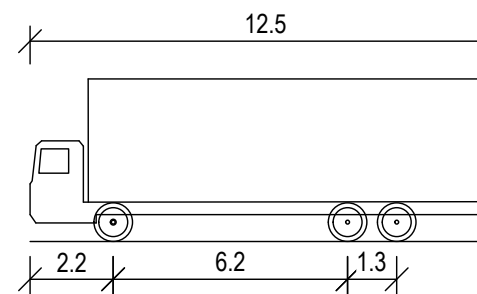


LEGEND



MRV - MEDIUM RIGID VEHICLE	
OVERALL LENGTH	8.800m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.633m
MIN BODY GROUND CLEARANCE	0.428m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	10.000m

DESIGN VEHICLE

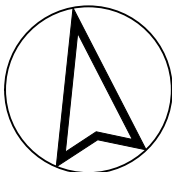


SINGLE UNIT TRUCK/BUS	
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.400m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m

CHECK VEHICLE

NOTE:
TURNING MOVEMENTS FOR A STANDARD T-INTERSECTION ARE PROVIDED ON SHEET C1701. THESE TURNING MOVEMENTS HAVE BEEN CHECKED USING THE WORST CASE SCENARIO OF A 8.0m WIDE ROAD CARRIAGEWAY TURNING ONTO A 8.0m WIDE ROAD CARRIAGEWAY.

TURNING MOVEMENTS SHOWN ON SHEET C1702-C1708 ARE PROVIDED WHERE INTERSECTIONS AND ROAD CURVATURE ARE NOT APPLICABLE TO STANDARD TURNING MOVEMENTS ON SHEET ON C1701.



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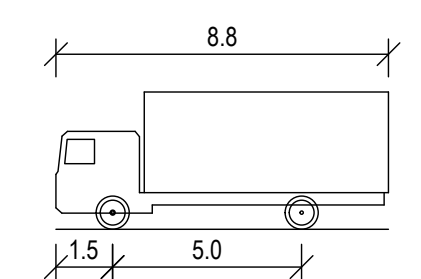
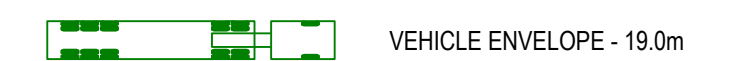
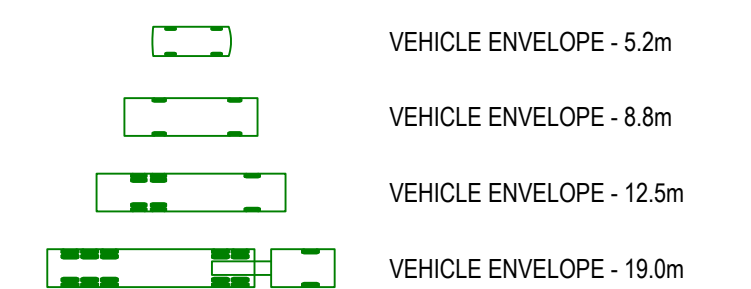
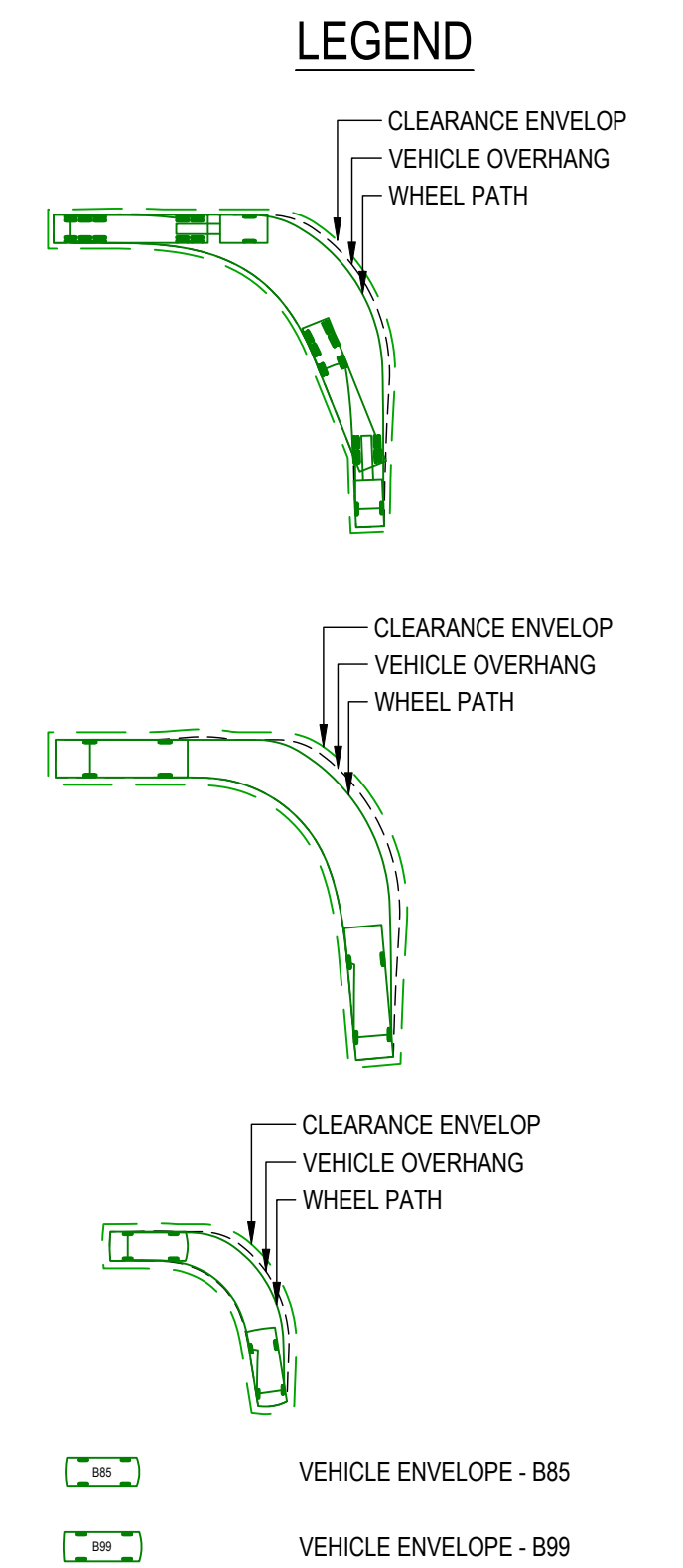
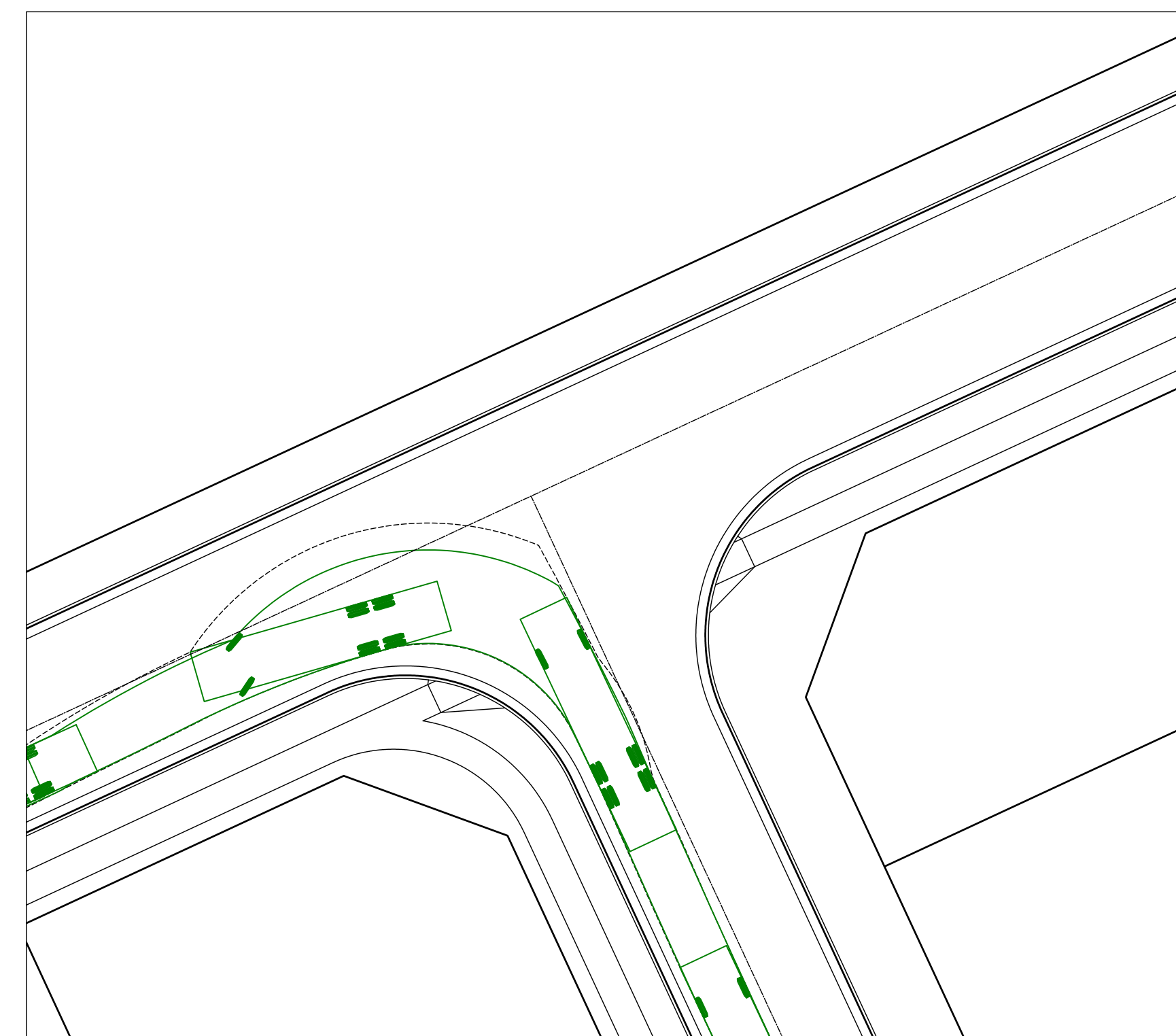
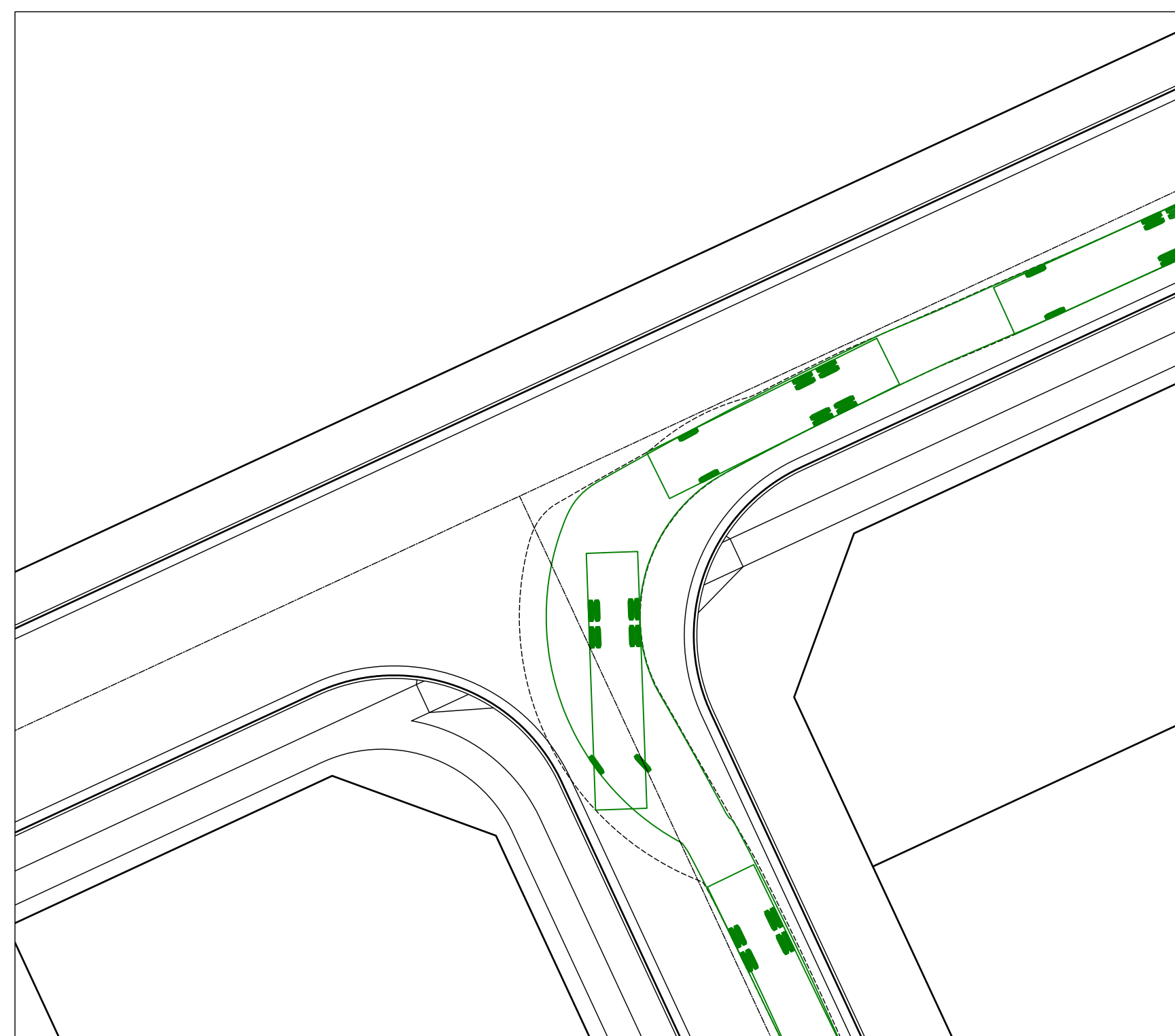
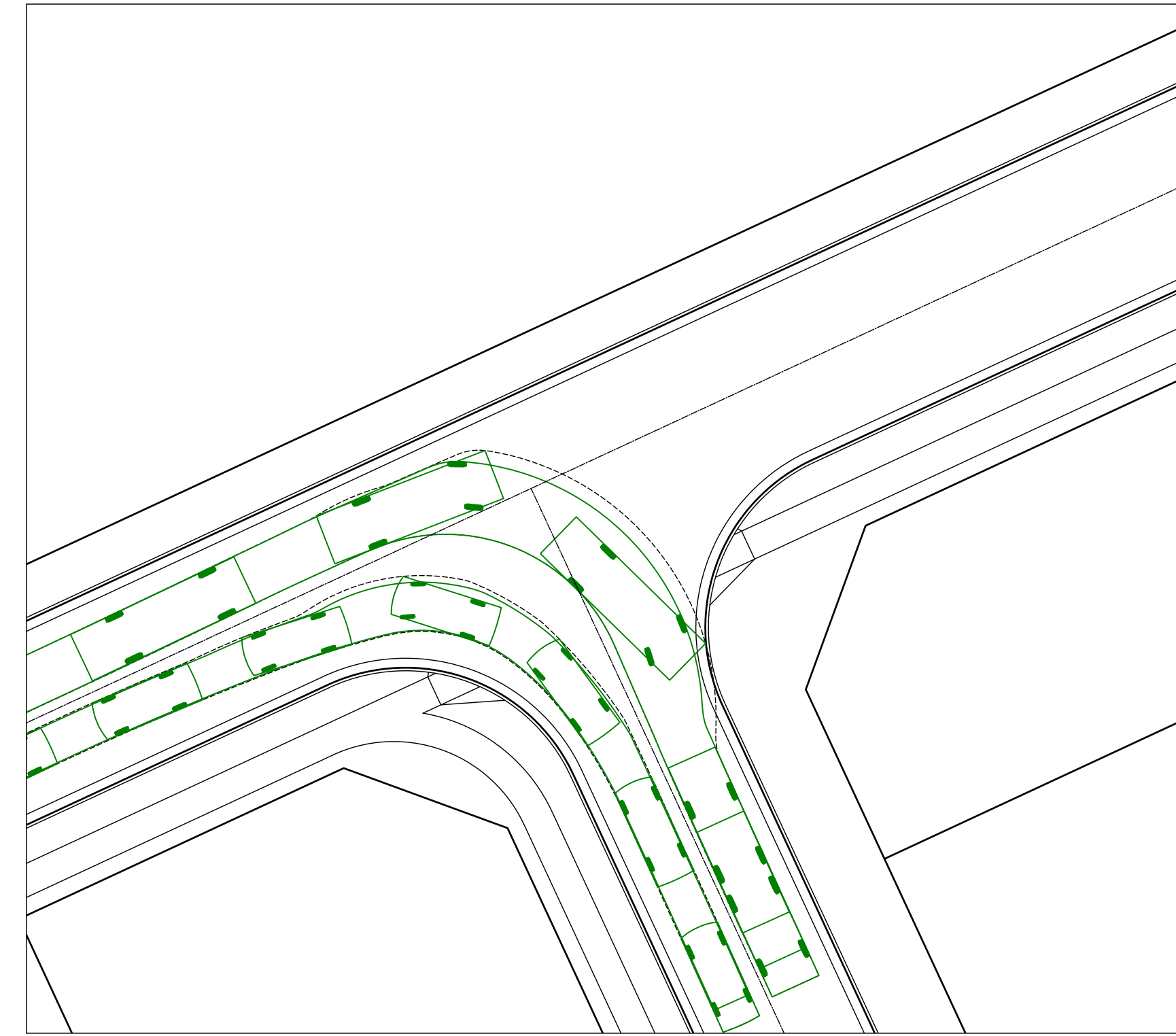
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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN

NOT FOR CONSTRUCTION

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
SWEEP PATH ANALYSIS
OVERALL LAYOUT PLAN

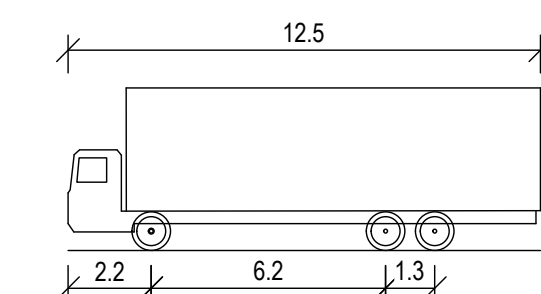
DRAWING NUMBER MKRV0036-114-C1700	SHEET No.	ORIG. SIZE A1	REVISION 1
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REV	DATE	DESCRIPTION	AMD BY	APP BY
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P1	25.08.23	DRAFT ISSUE	M.I.	J.M.A.



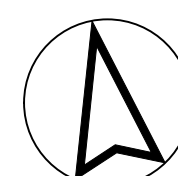
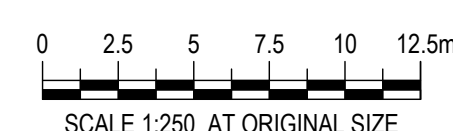
MRV - MEDIUM RIGID VEHICLE	
OVERALL LENGTH	8.800m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.633m
MIN BODY GROUND CLEARANCE	0.428m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	10.000m

DESIGN VEHICLE



SINGLE UNIT TRUCK/BUS	
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.490m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m

CHECK VEHICLE

[illegible]

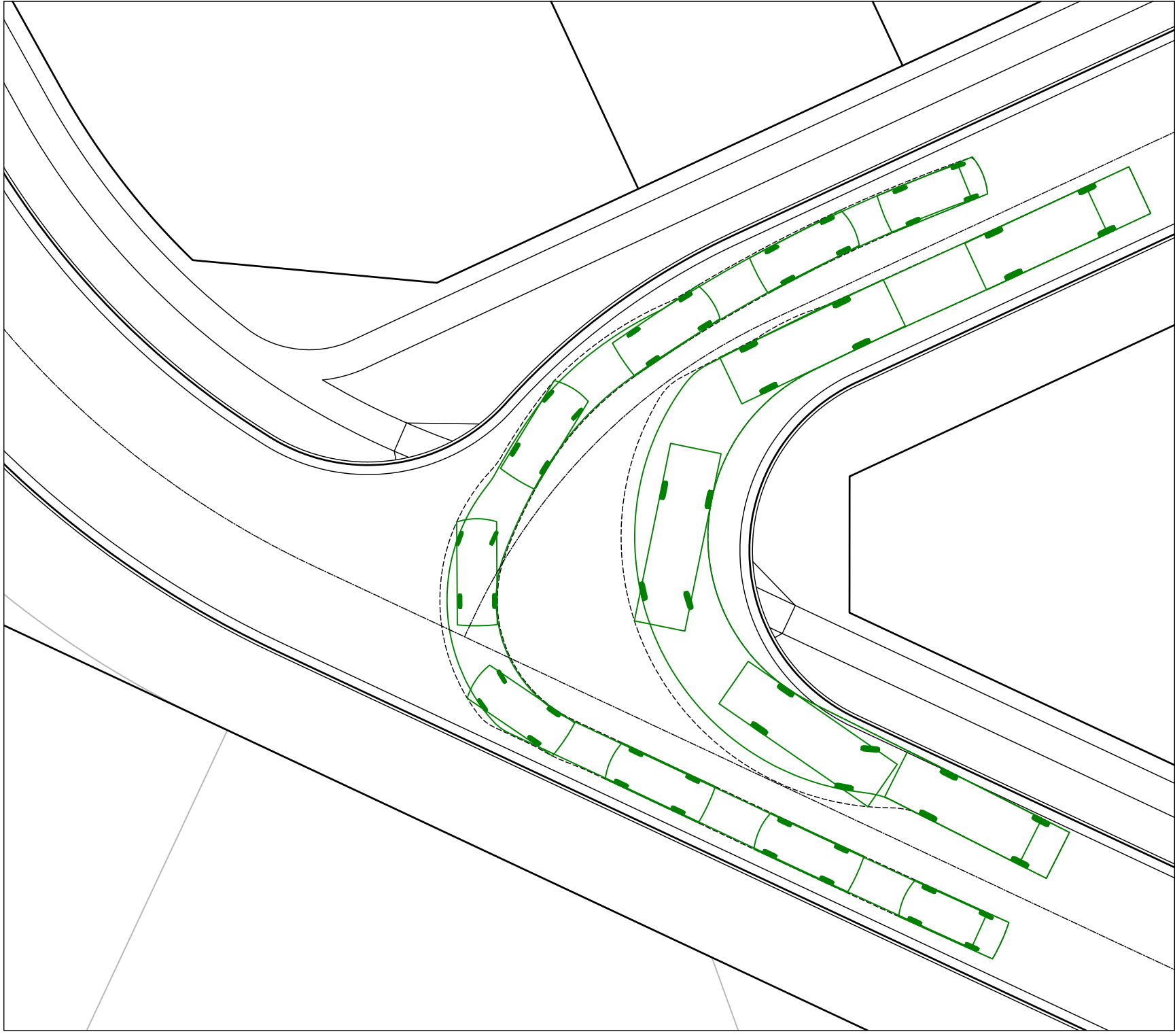
Bathla



DRAWN: M.ILIJEVSKI		DESIGNED: M.ILIJEVSKI		RESIDENTIAL SUBDIVISION - CAERLEON MUDGE DEVELOPMENT APPLICATION - STAGE 14 SWEPT PATH ANALYSIS LAYOUT PLAN							
DRAFT CHECK: J.AGUSTIN		DESIGN CHECK: J.AGUSTIN									
APPROVED:		J.AGUSTIN									
NOT FOR CONSTRUCTION				DRAWING NUMBER		SHEET No.		ORIG. SIZE		REVISION	
				MKRV0036-114-C1701		1 OF 10		A1		1	



DESIGN VEHICLE



DESIGN VEHICLE



CHECK VEHICLE



CHECK VEHICLE

LEGEND

CLEARANCE ENVELOPE
VEHICLE OVERHANG
WHEEL PATH

VEHICLE ENVELOPE - B85

VEHICLE ENVELOPE - B89

VEHICLE ENVELOPE - 5.2m

VEHICLE ENVELOPE - 8.8m

VEHICLE ENVELOPE - 12.5m

VEHICLE ENVELOPE - 19.0m

8.8

1.5 5.0

MRV - MEDIUM RIGID VEHICLE

OVERALL LENGTH	8.800m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.633m
MIN BODY GROUND CLEARANCE	0.428m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	10.000m

DESIGN VEHICLE

12.5

2.2 6.2 1.3

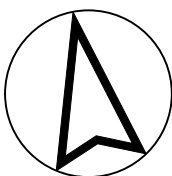
SINGLE UNIT TRUCK/BUS

OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.490m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m

CHECK VEHICLE

James Agustin, 11/11/2023 4:38 PM

REV	DATE	DESCRIPTION	AMD BY	APP BY
1	26.09.23	FOR APPROVAL	M.I	J.M.A
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A



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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN
NOT FOR CONSTRUCTION	

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE			
DEVELOPMENT APPLICATION - STAGE 14			
SWEEP PATH ANALYSIS			
LAYOUT PLAN			
DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
MKR0036-114-C1702	2 OF 10	A1	1



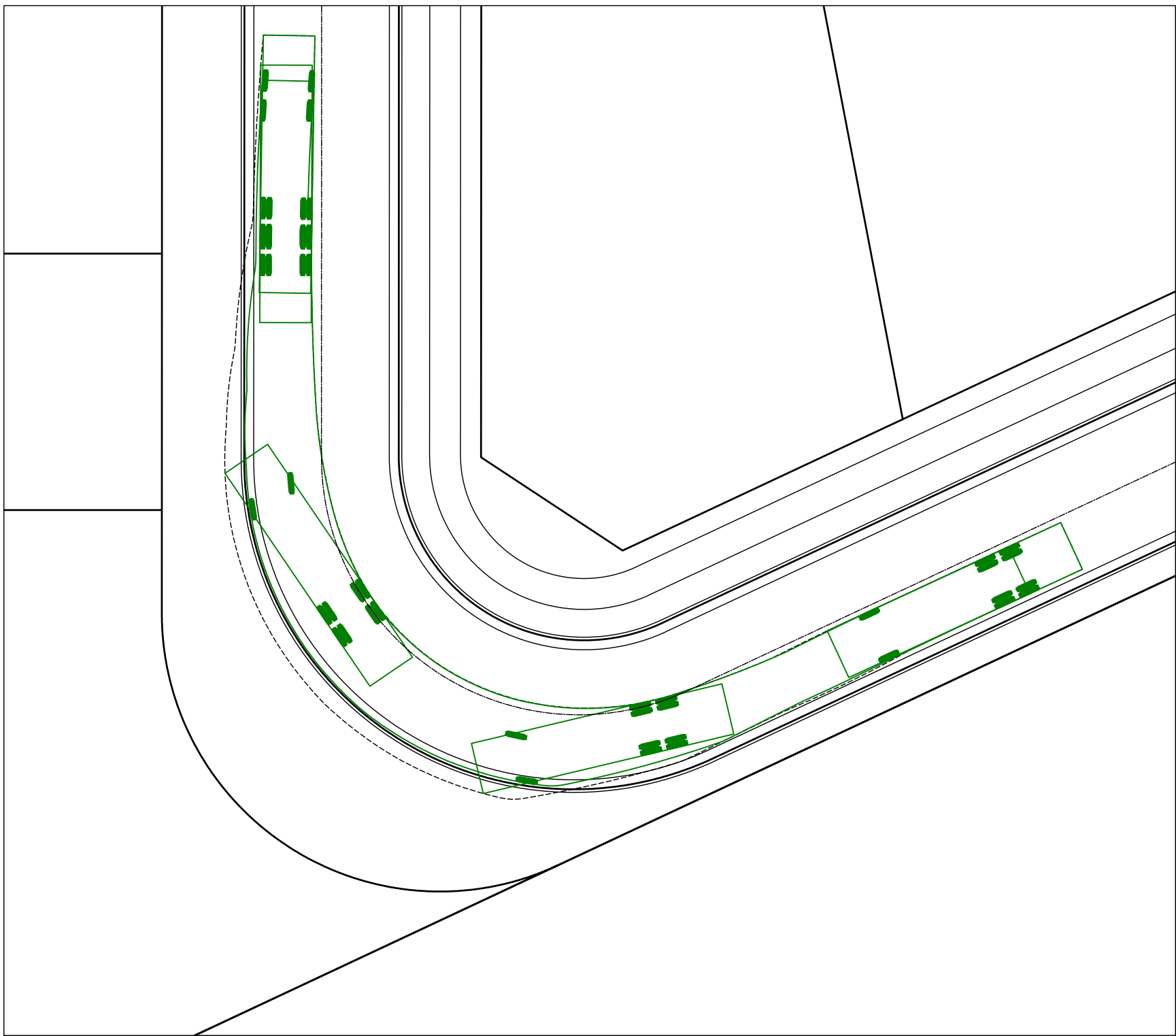
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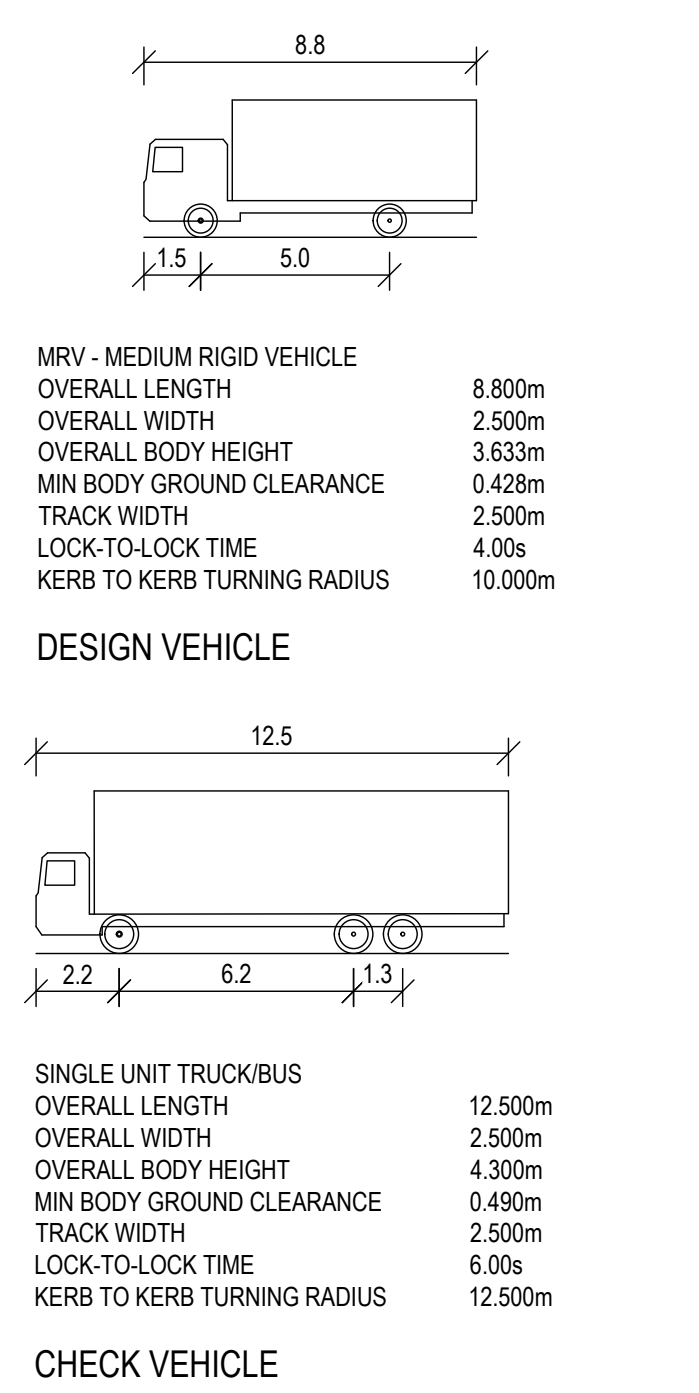
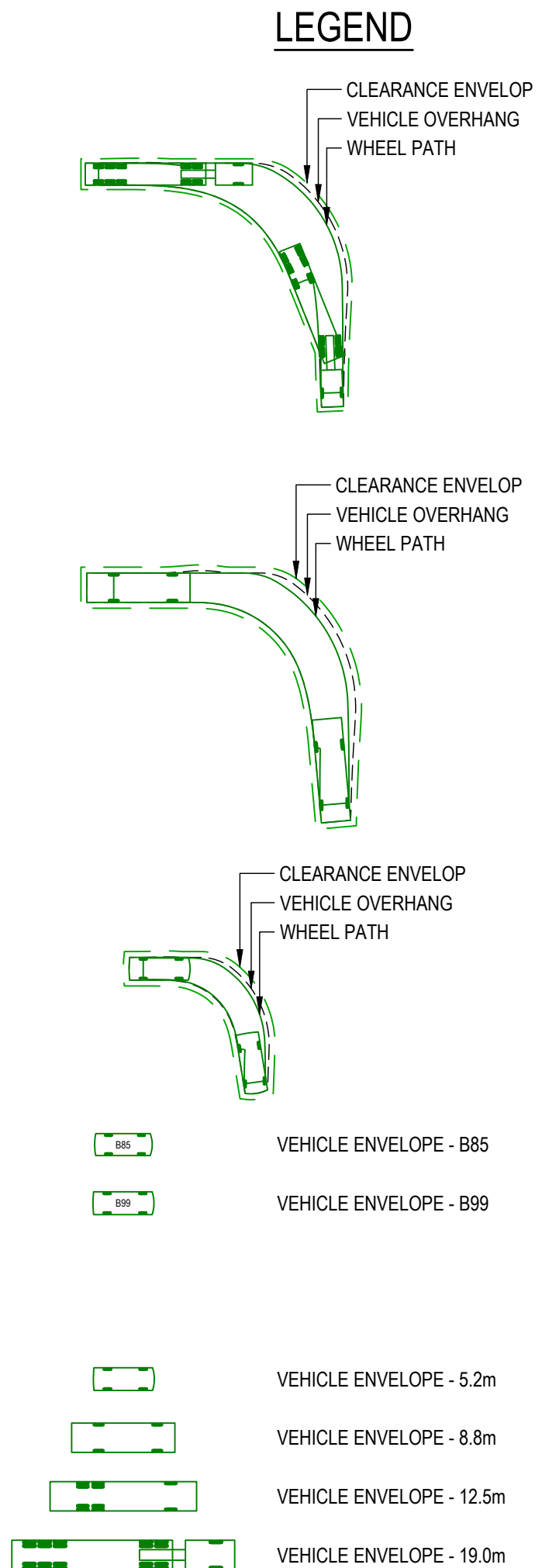
DESIGN VEHICLE



CHECK VEHICLE

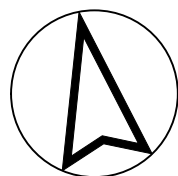
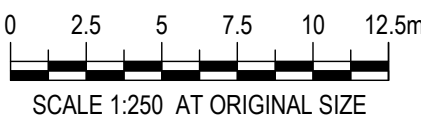


CHECK VEHICLE



James Agustin, 11/11/2023 4:38 PM

REV	DATE	DESCRIPTION	AMD BY	APP BY
1	26.09.23	FOR APPROVAL	M.I	J.M.A
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A



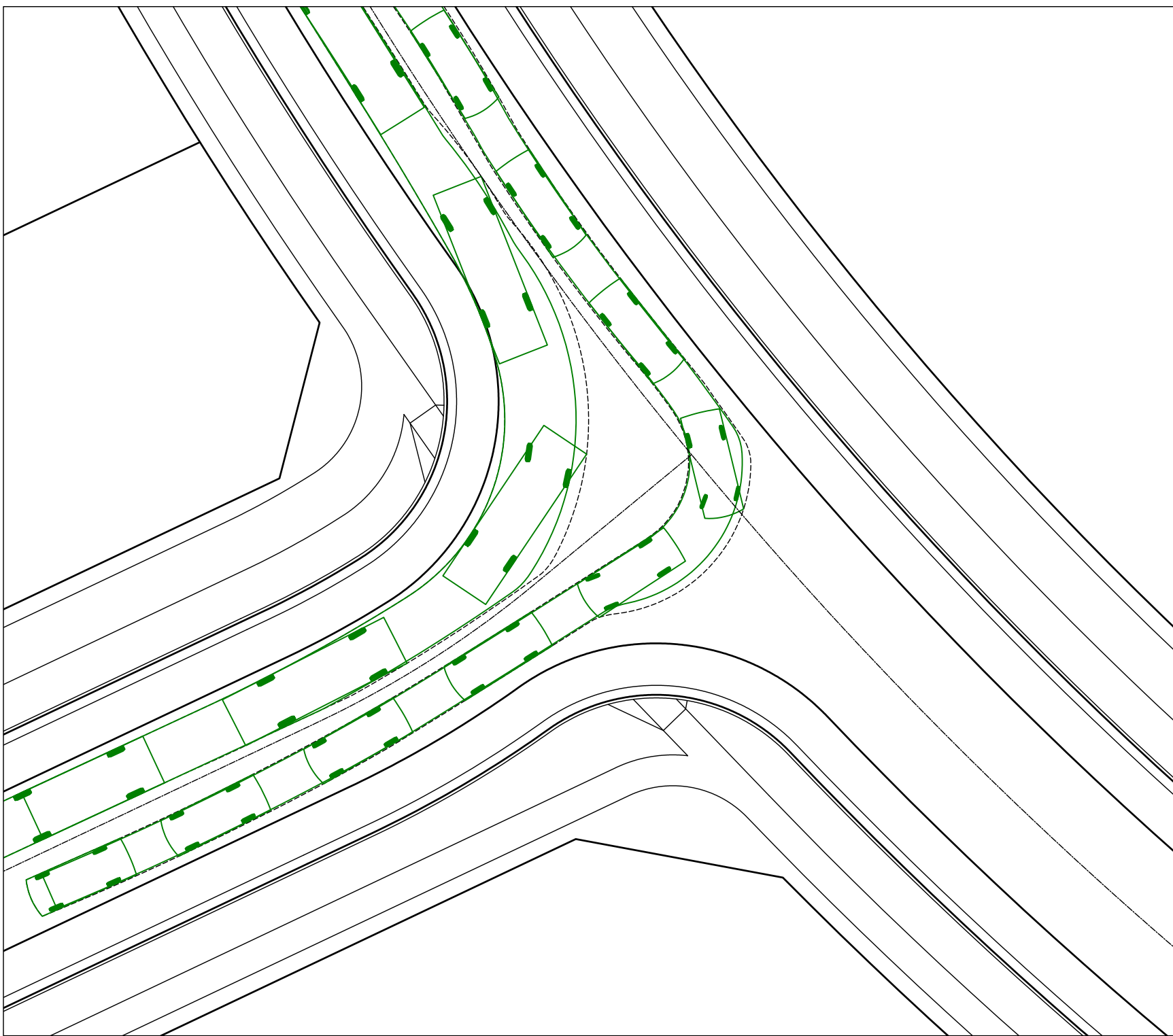
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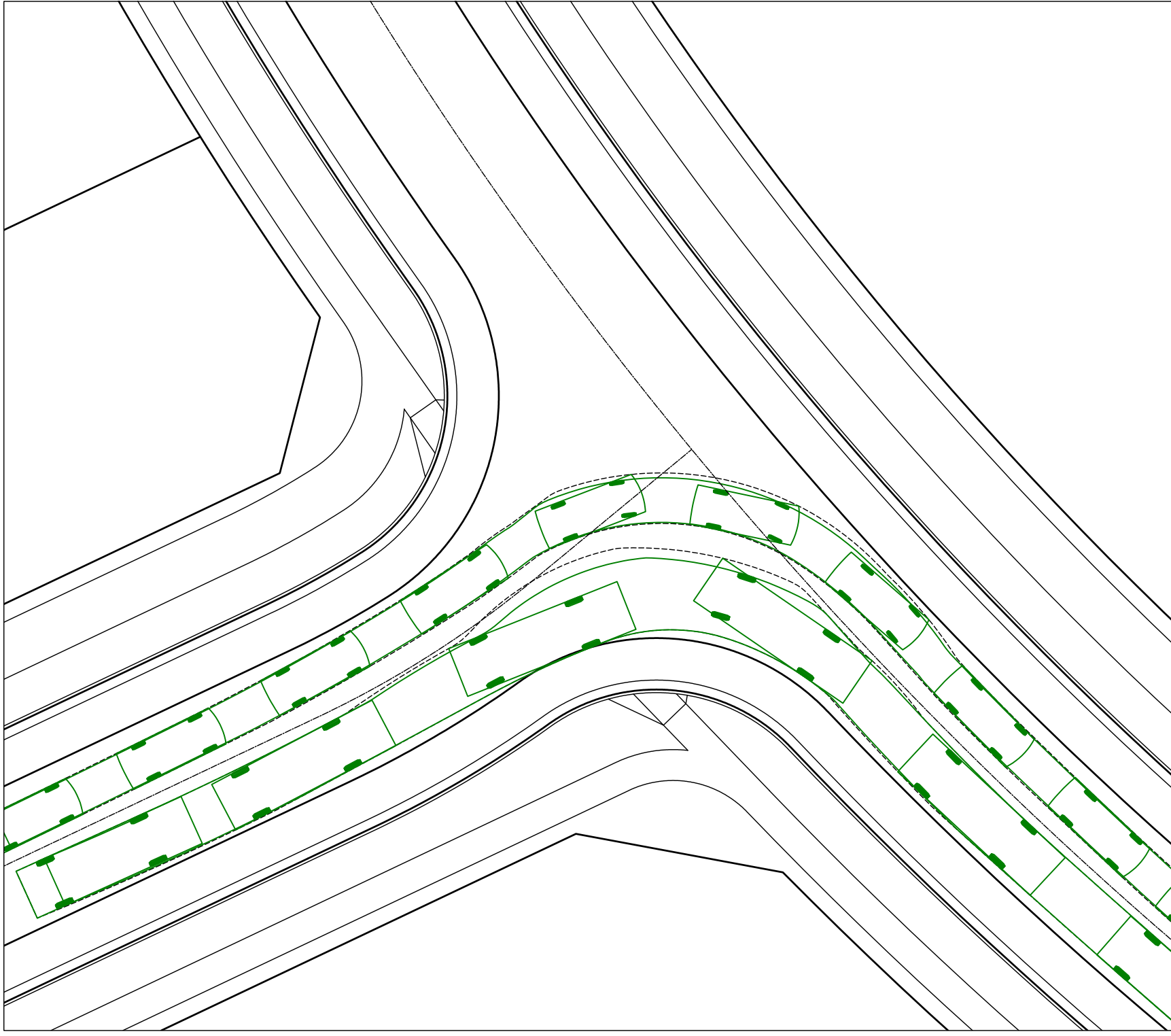
DRAWN: M.I.LJUEVSKI	DESIGNED: M.I.LJUEVSKI
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN
NOT FOR CONSTRUCTION	

RESIDENTIAL SUBDIVISION - CAERLEON MUDGEES DEVELOPMENT APPLICATION - STAGE 14 SWEEP PATH ANALYSIS LAYOUT PLAN				
DRAWING NUMBER MKRV0036-114-C1703	SHEET No. 3 OF 10	ORIG. SIZE A1	REVISION 1	

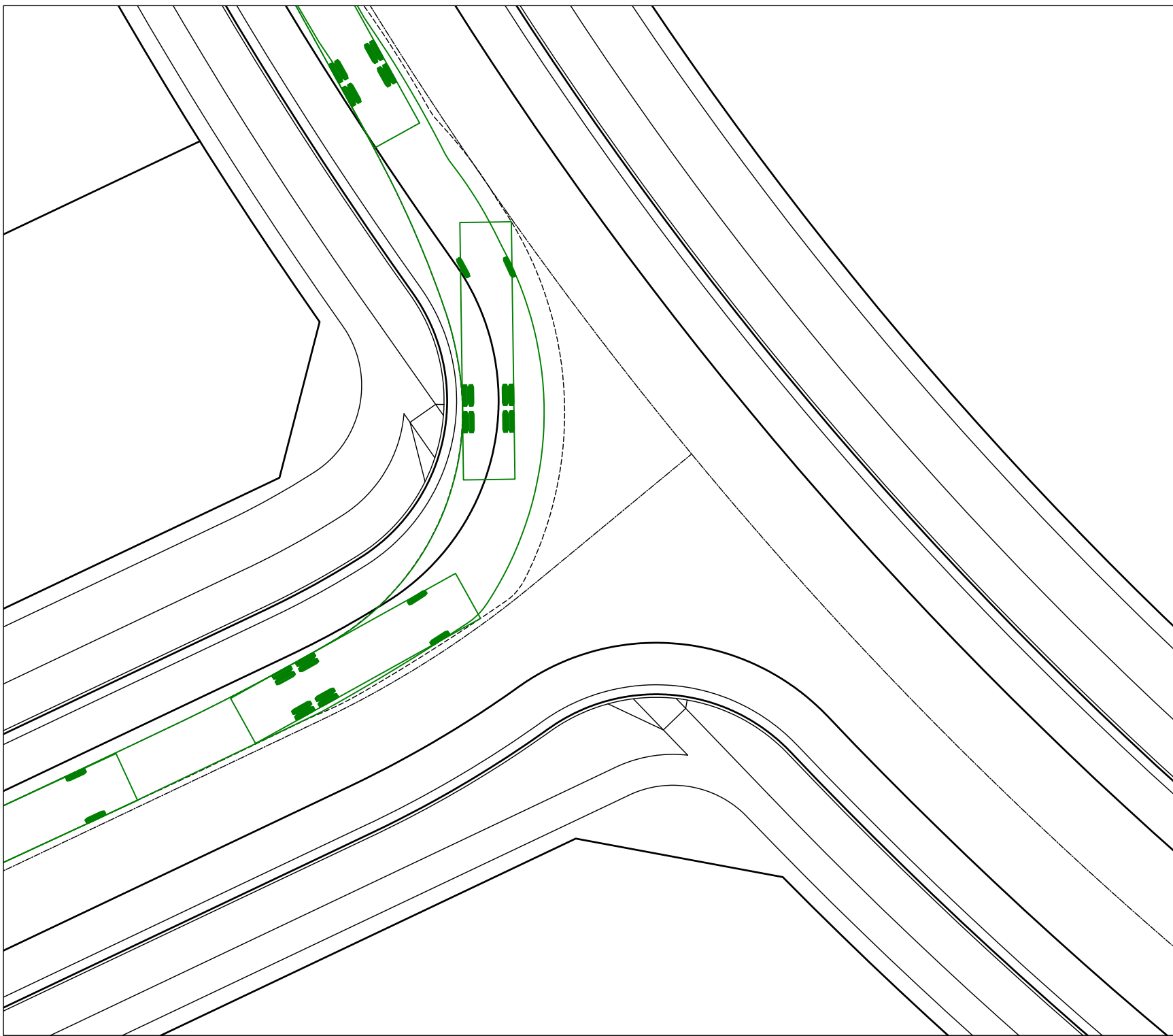
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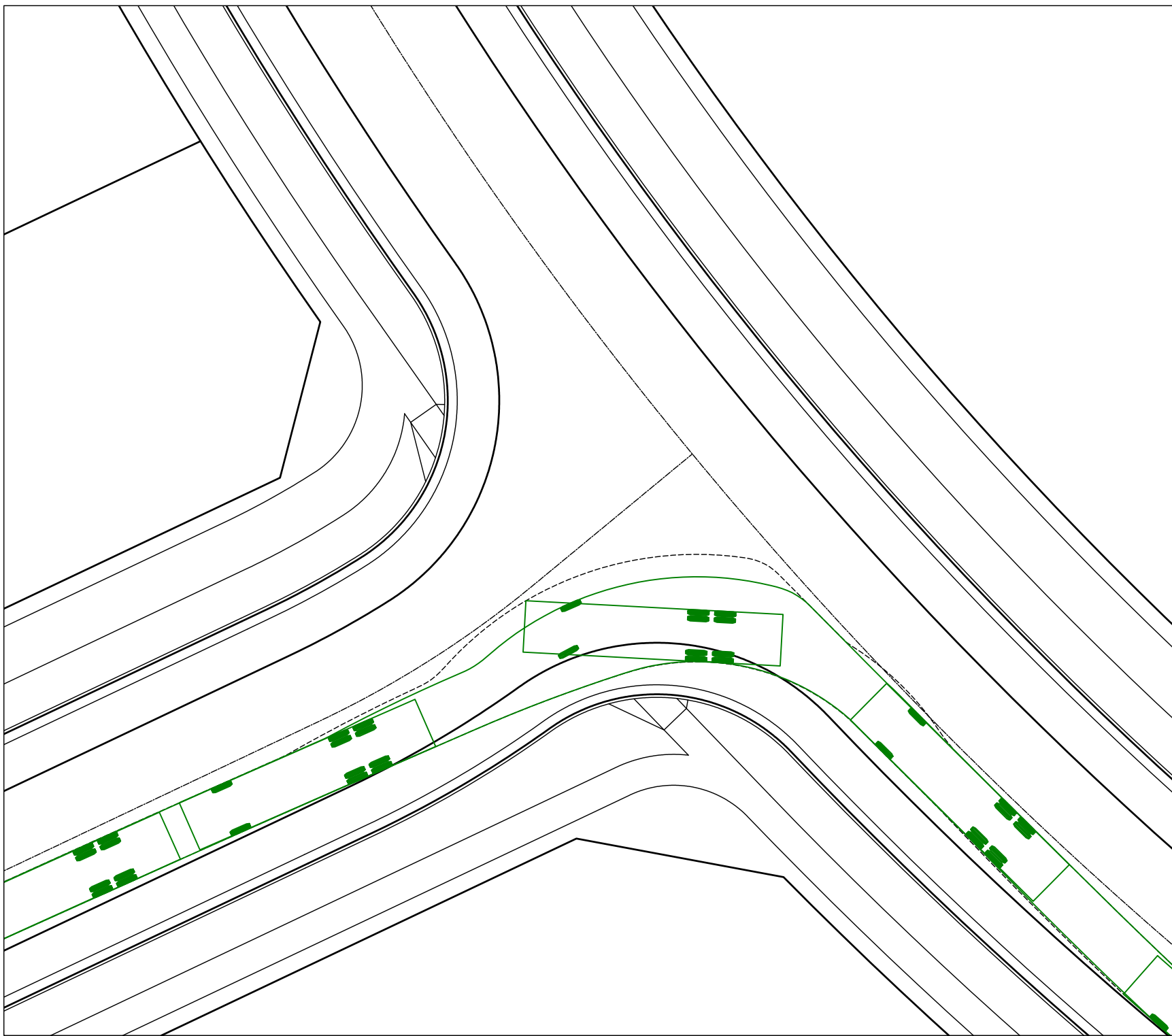
DESIGN VEHICLE



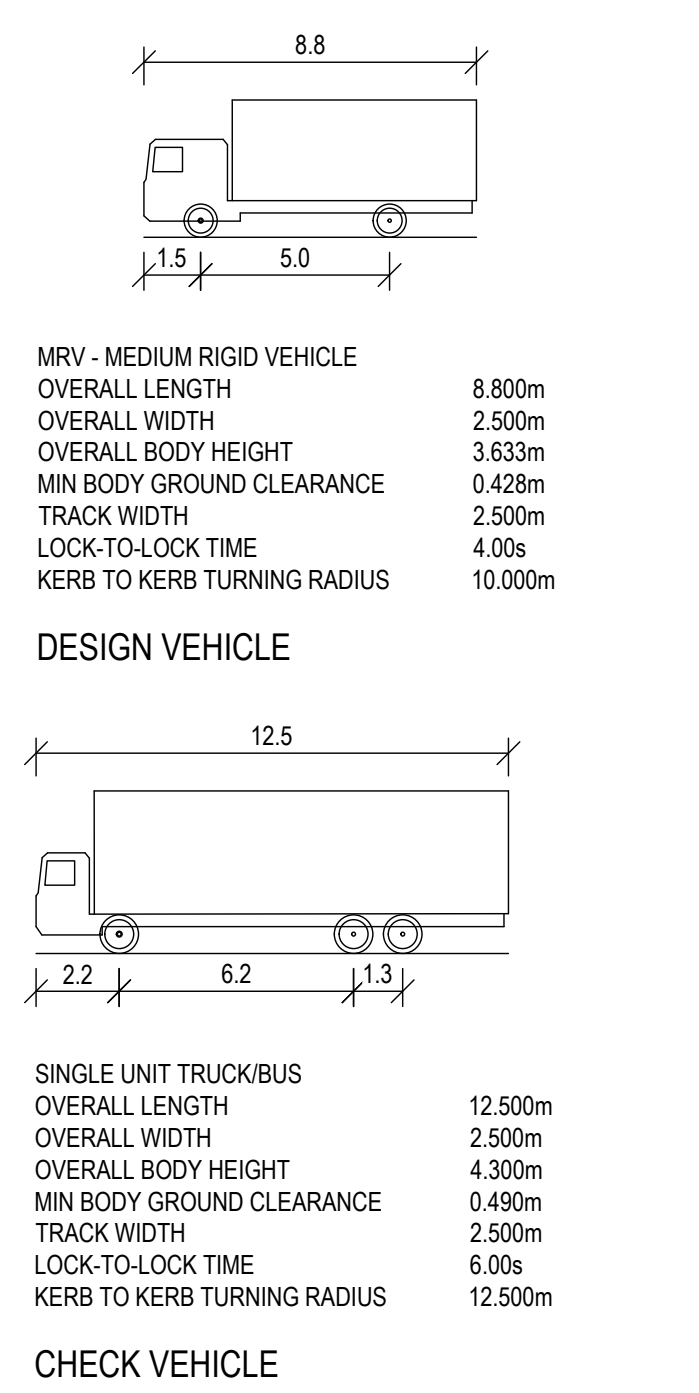
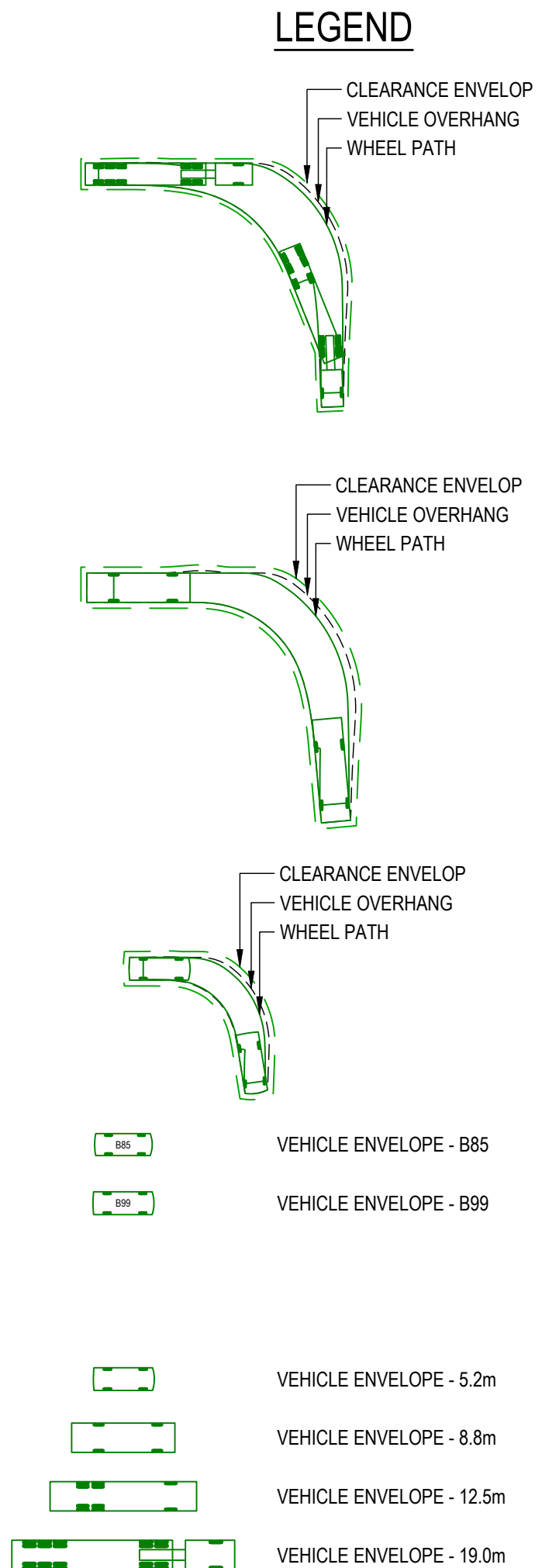
DESIGN VEHICLE



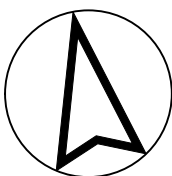
CHECK VEHICLE



CHECK VEHICLE



REV	DATE	DESCRIPTION	AMD BY	APP BY
1	26.09.23	FOR APPROVAL	M.I	J.M.A
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A



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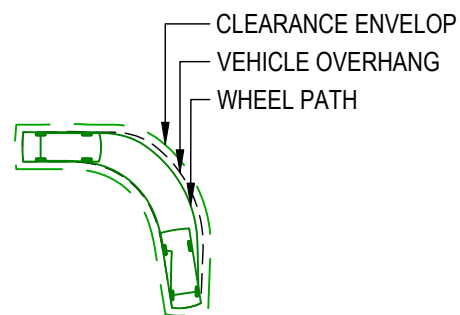
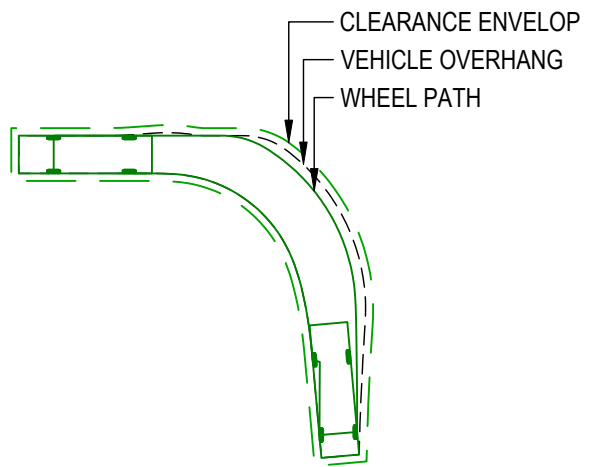
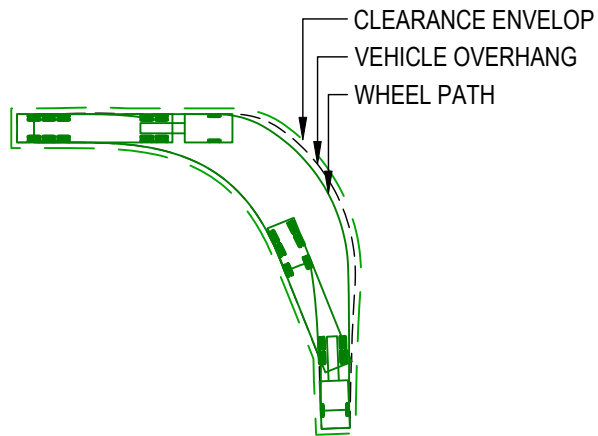


DRAWN: M.I.LJUEVSKI	DESIGNED: M.I.LJUEVSKI
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN
NOT FOR CONSTRUCTION	

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
SWEEP PATH ANALYSIS
LAYOUT PLAN

DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
MKRV0036-114-C1704	4 OF 10	A1	1

LEGEND



VEHICLE ENVELOPE - B85



VEHICLE ENVELOPE - B99



VEHICLE ENVELOPE - 5.2m



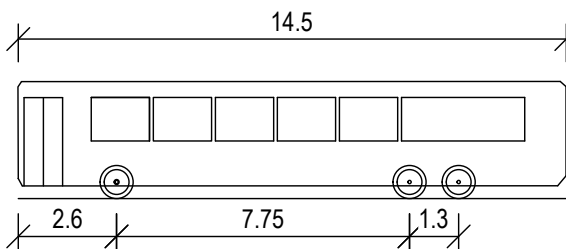
VEHICLE ENVELOPE - 8.8m



VEHICLE ENVELOPE - 12.5m

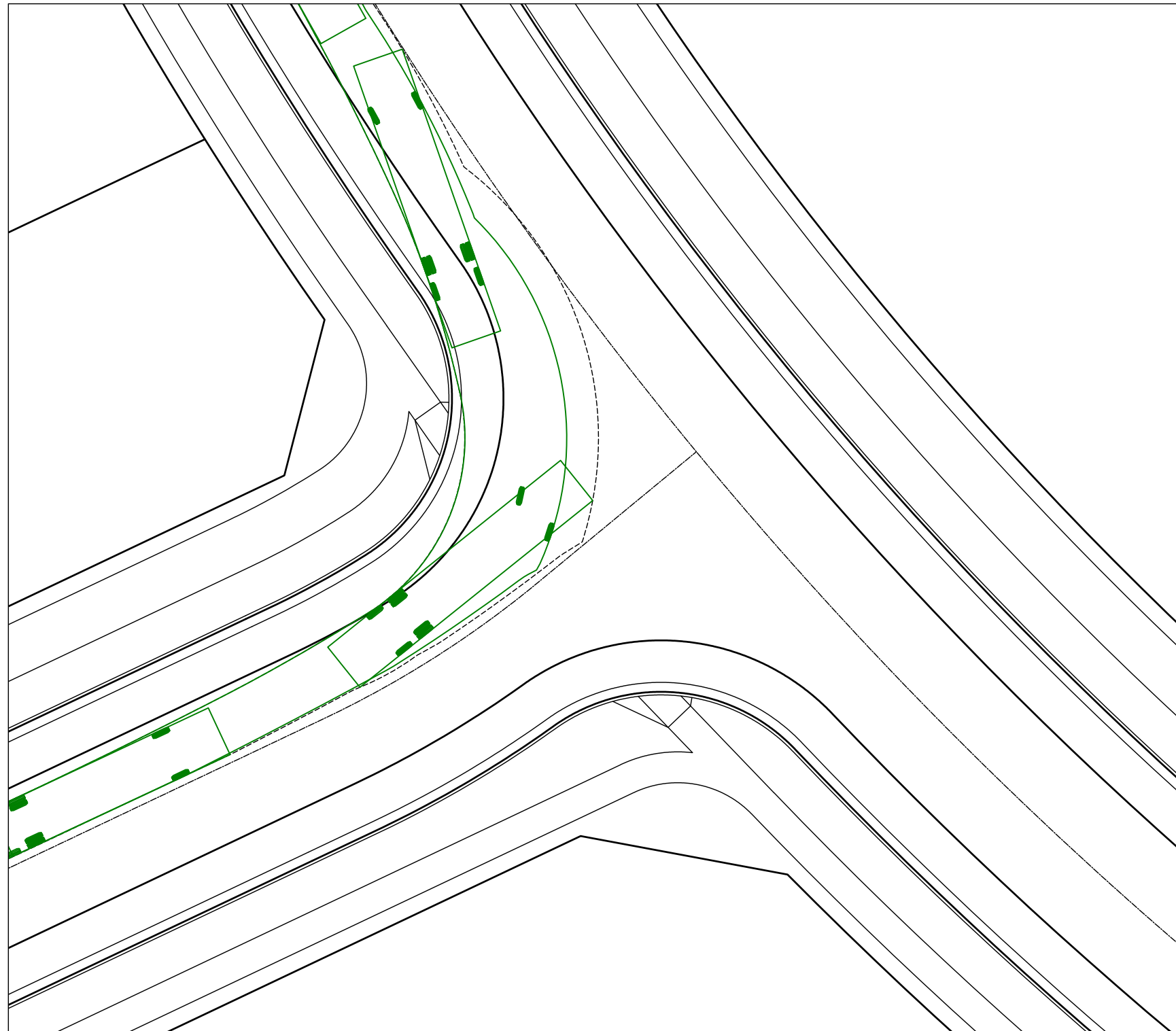


VEHICLE ENVELOPE - 19.0m

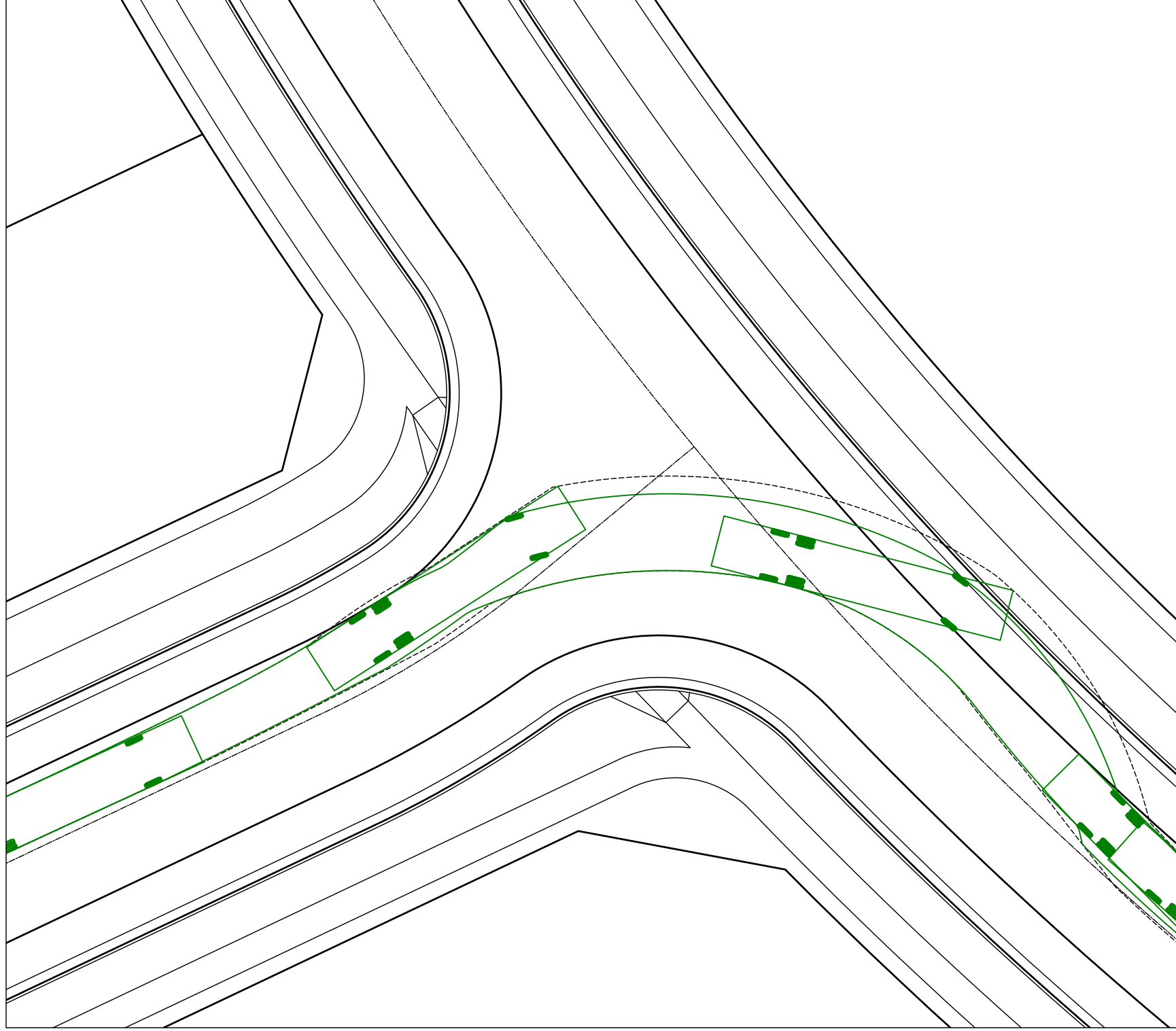


LONG RIGID BUS	
OVERALL LENGTH	14.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.102m
MIN BODY GROUND CLEARANCE	0.337m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	15.000m

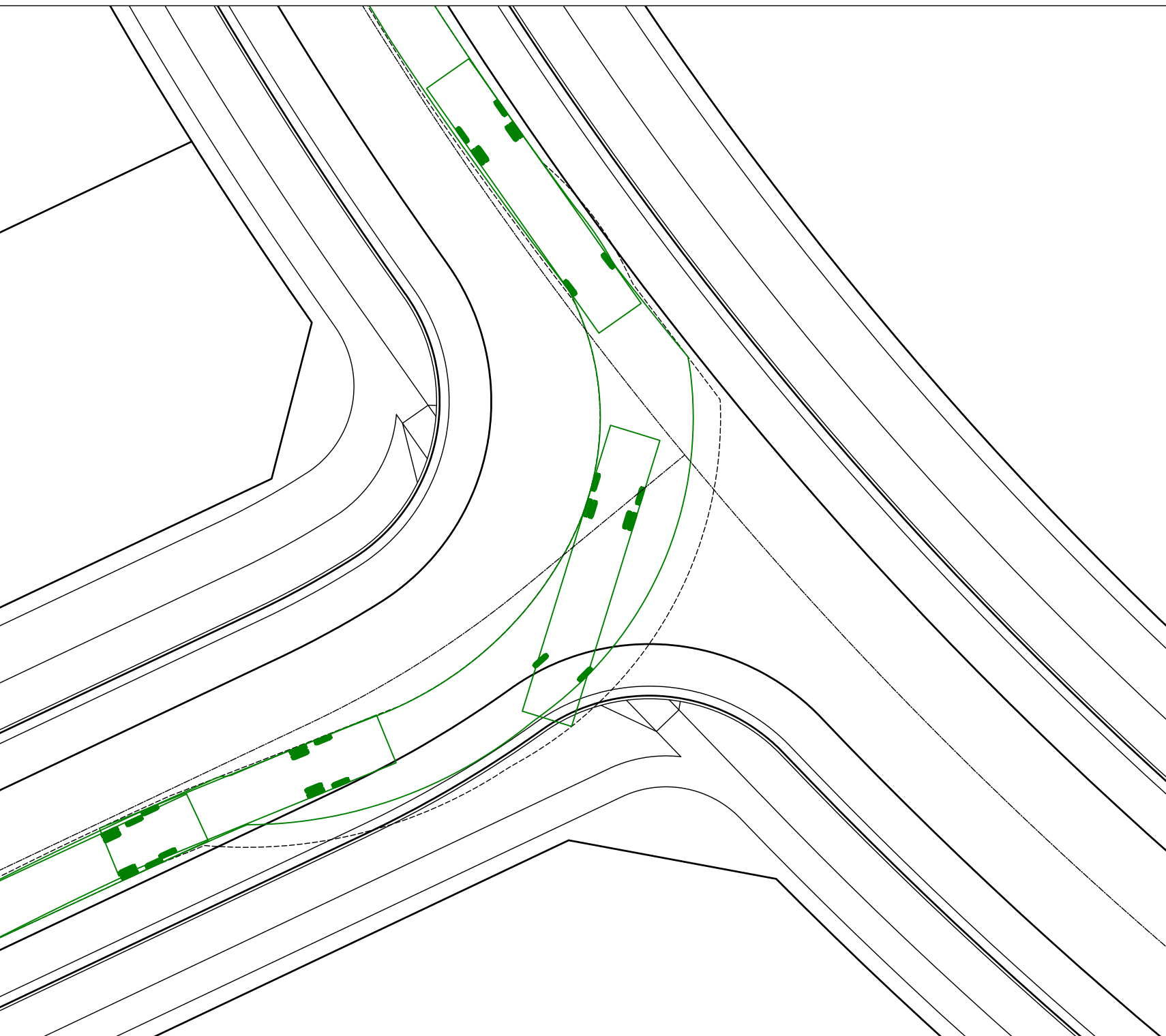
CHECK VEHICLE



CHECK VEHICLE



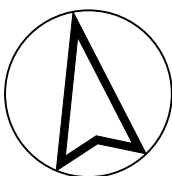
CHECK VEHICLE



CHECK VEHICLE



CHECK VEHICLE



Bathla



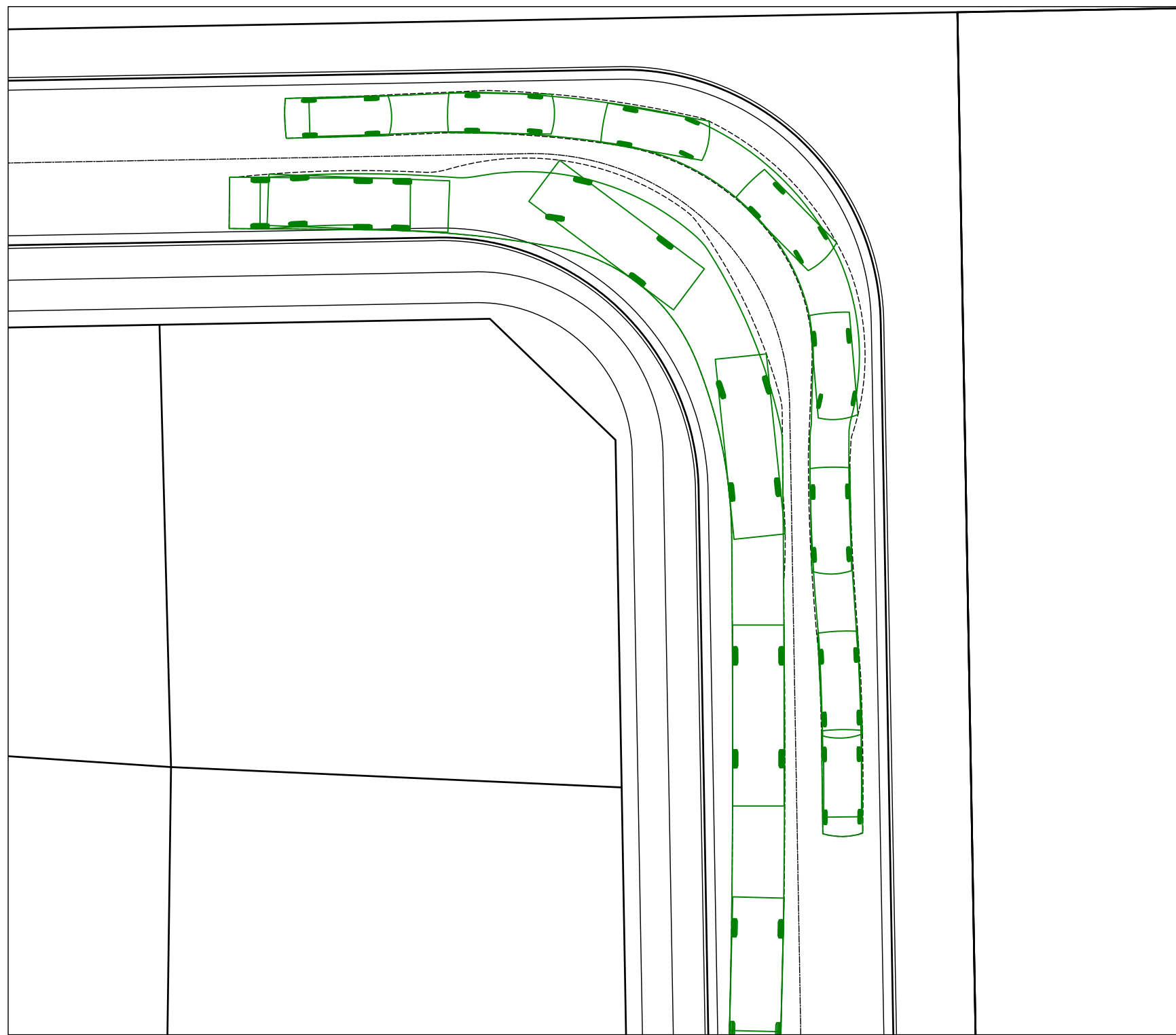
DRAWN: M.I.LJUEVSKI	DESIGNED: M.I.LJUEVSKI
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN

NOT FOR CONSTRUCTION

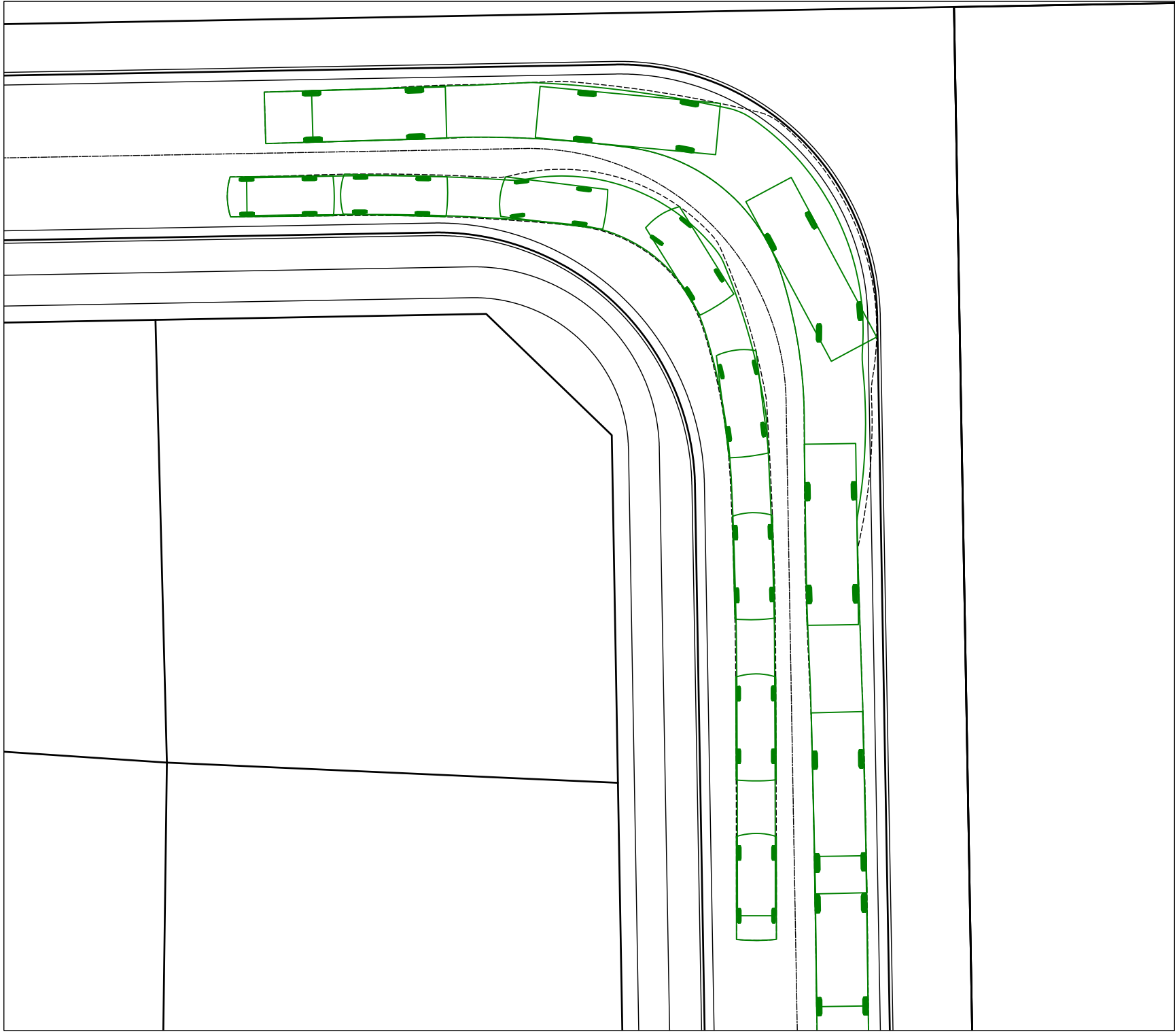
RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
SWEEP PATH ANALYSIS
LAYOUT PLAN

DRAWING NUMBER MKRV0036-114-C1705	SHEET No. 5 OF 10	ORIG. SIZE A1	REVISION 1
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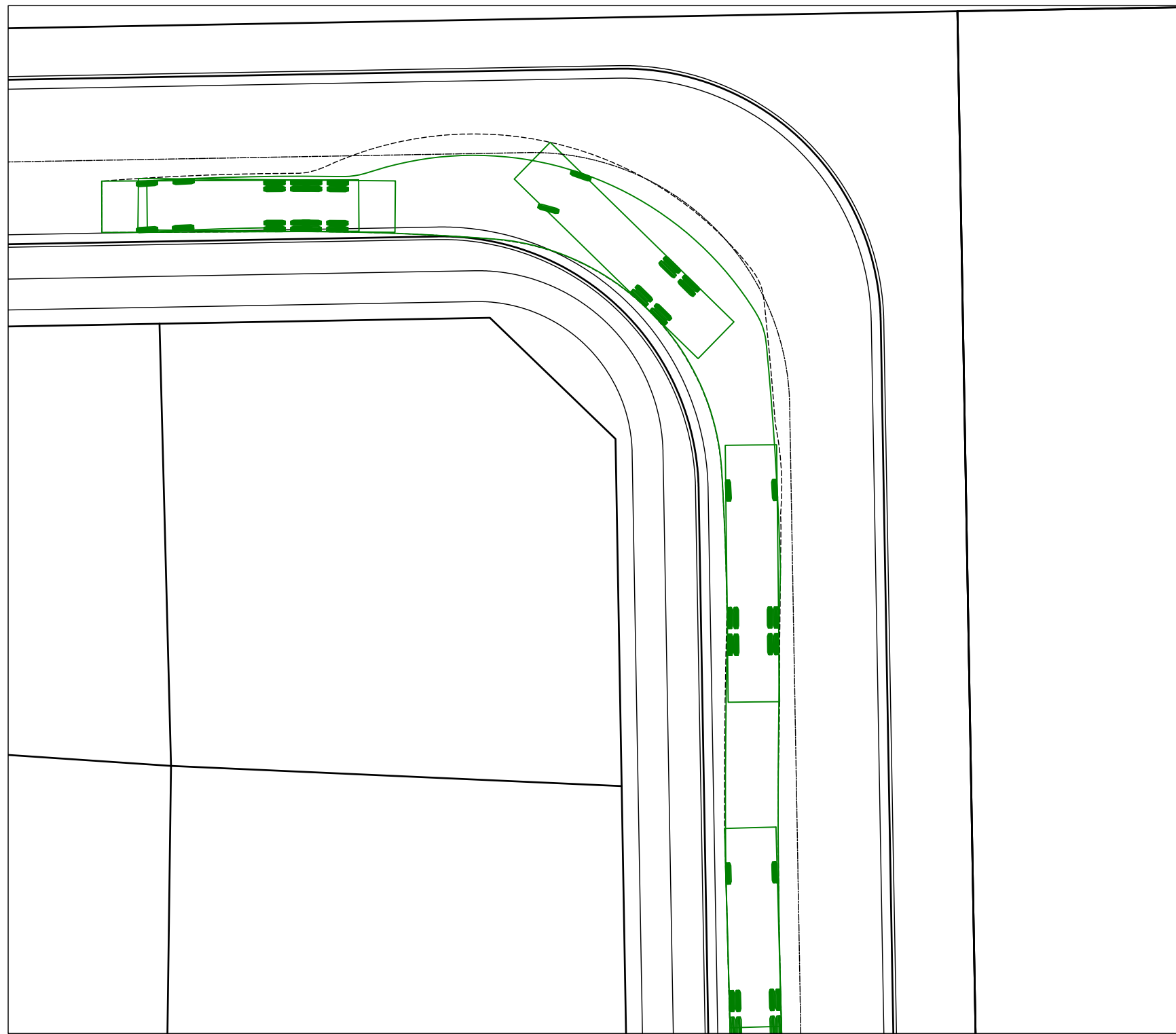
REV	DATE	DESCRIPTION	AMD BY	APP BY
1	26.09.23	FOR APPROVAL	M.I.	J.M.A.
P1	25.08.23	DRAFT ISSUE	M.I.	J.M.A.



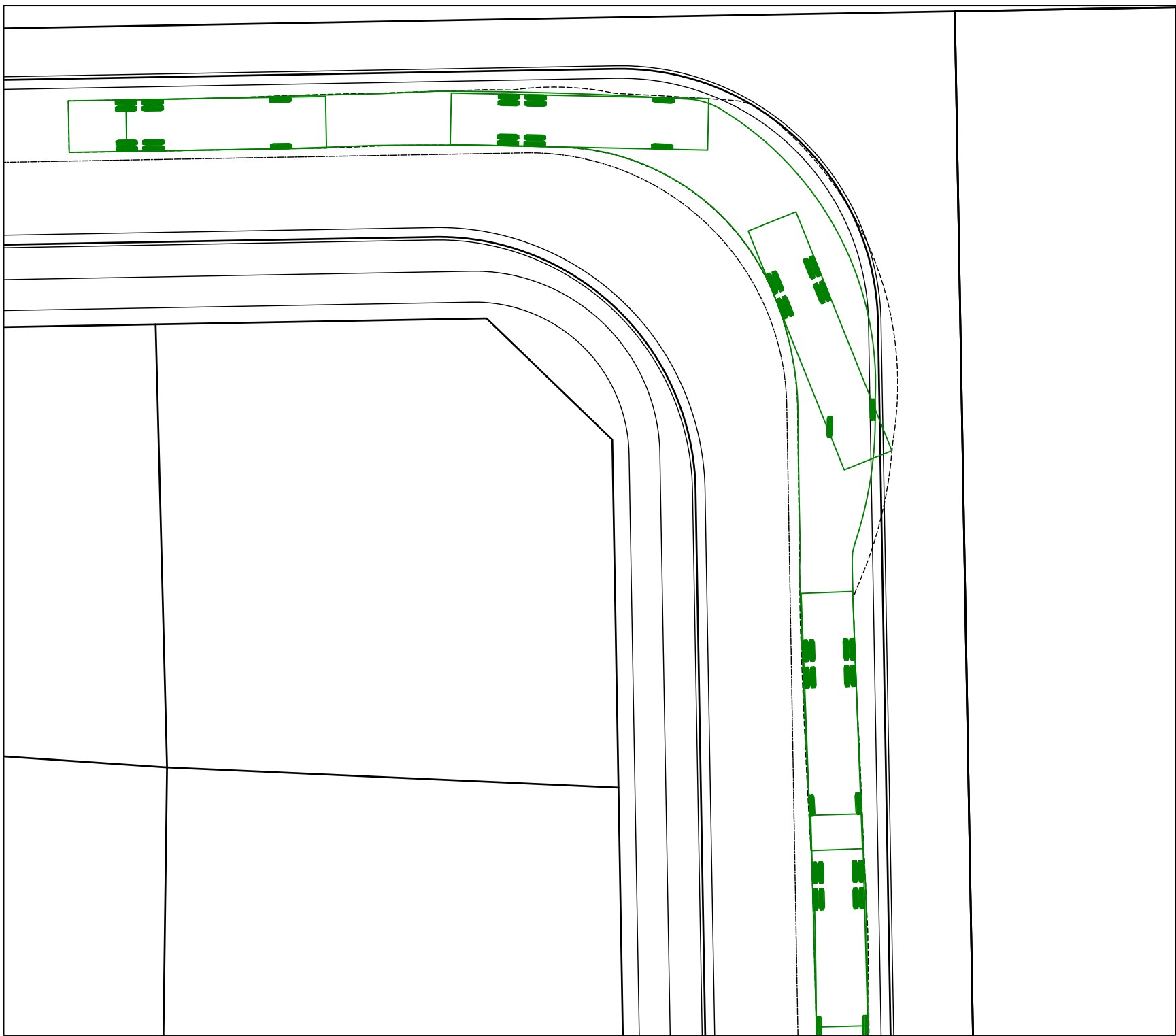
DESIGN VEHICLE



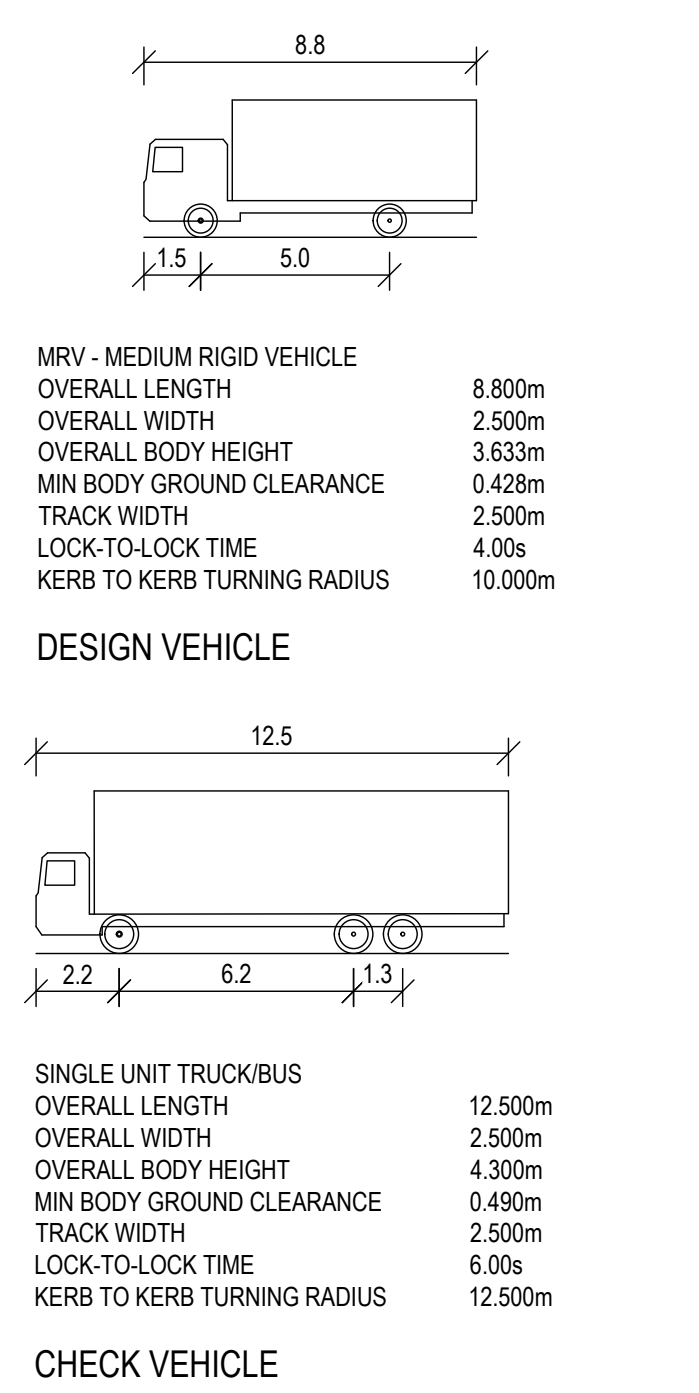
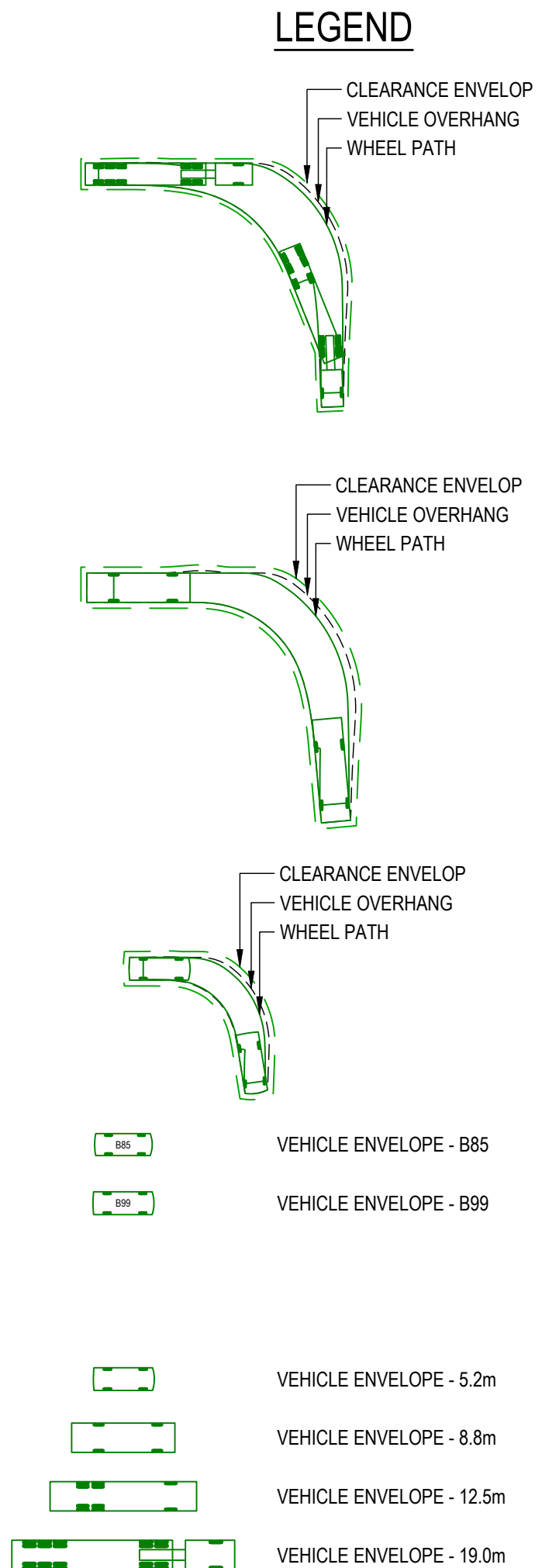
DESIGN VEHICLE



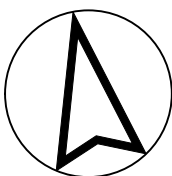
CHECK VEHICLE



CHECK VEHICLE



REV	DATE	DESCRIPTION	AMD BY	APP BY
1	26.09.23	FOR APPROVAL	M.I	J.M.A
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A



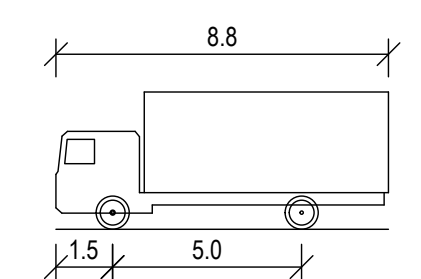
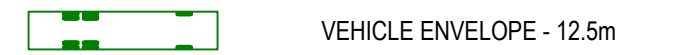
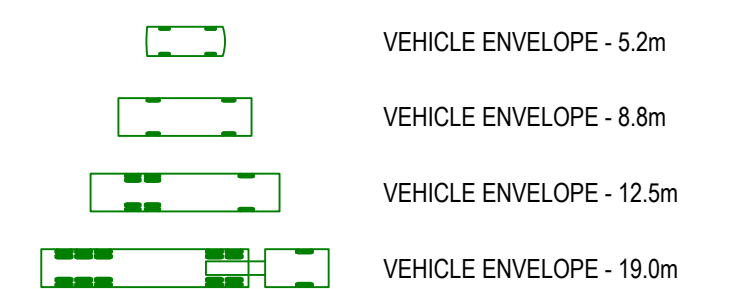
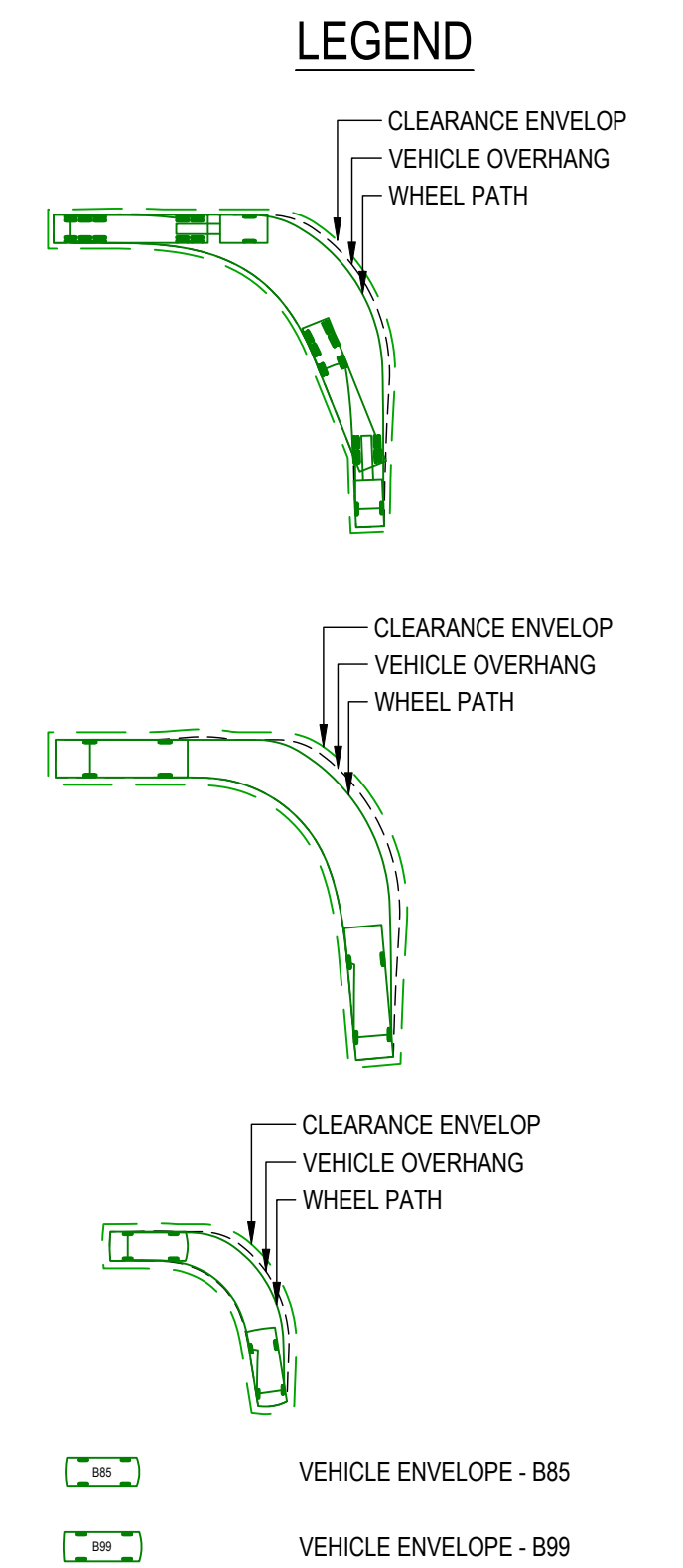
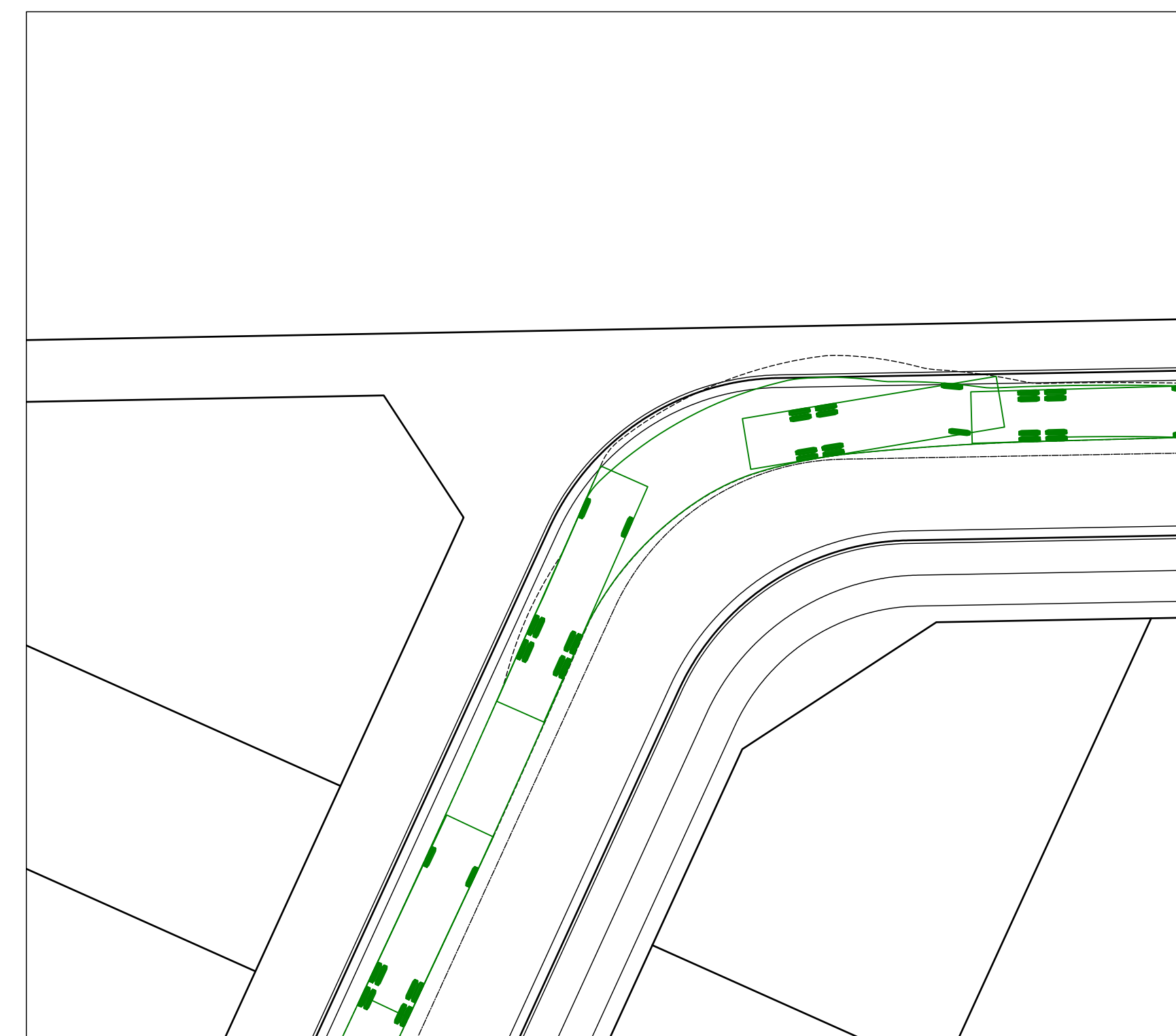
Bathla



DRAWN: M.I.LJUEVSKI	DESIGNED: M.I.LJUEVSKI
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN
NOT FOR CONSTRUCTION	

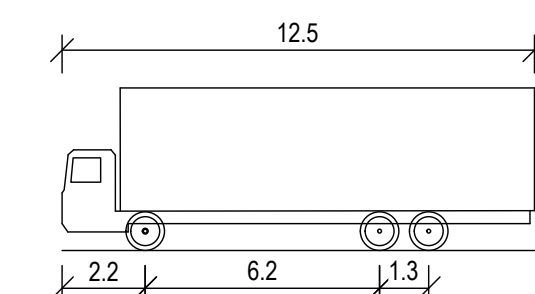
RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
SWEEP PATH ANALYSIS
LAYOUT PLAN

DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
MKRV0036-114-C1706	6 OF 10	A1	1



MRV - MEDIUM RIGID VEHICLE	
OVERALL LENGTH	8.800m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.633m
MIN BODY GROUND CLEARANCE	0.428m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	10.000m

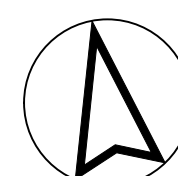
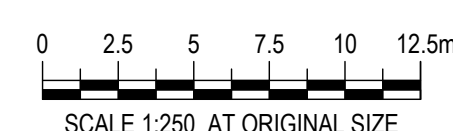
DESIGN VEHICLE



SINGLE UNIT TRUCK/BUS	
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.490m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m

CHECK VEHICLE

1	26.09.23	FOR APPROVAL		M.I	J.M.A
P1	25.08.23	DRAFT ISSUE		M.I	J.M.A
REV	DATE	DESCRIPTION		AMD BY	APP BY



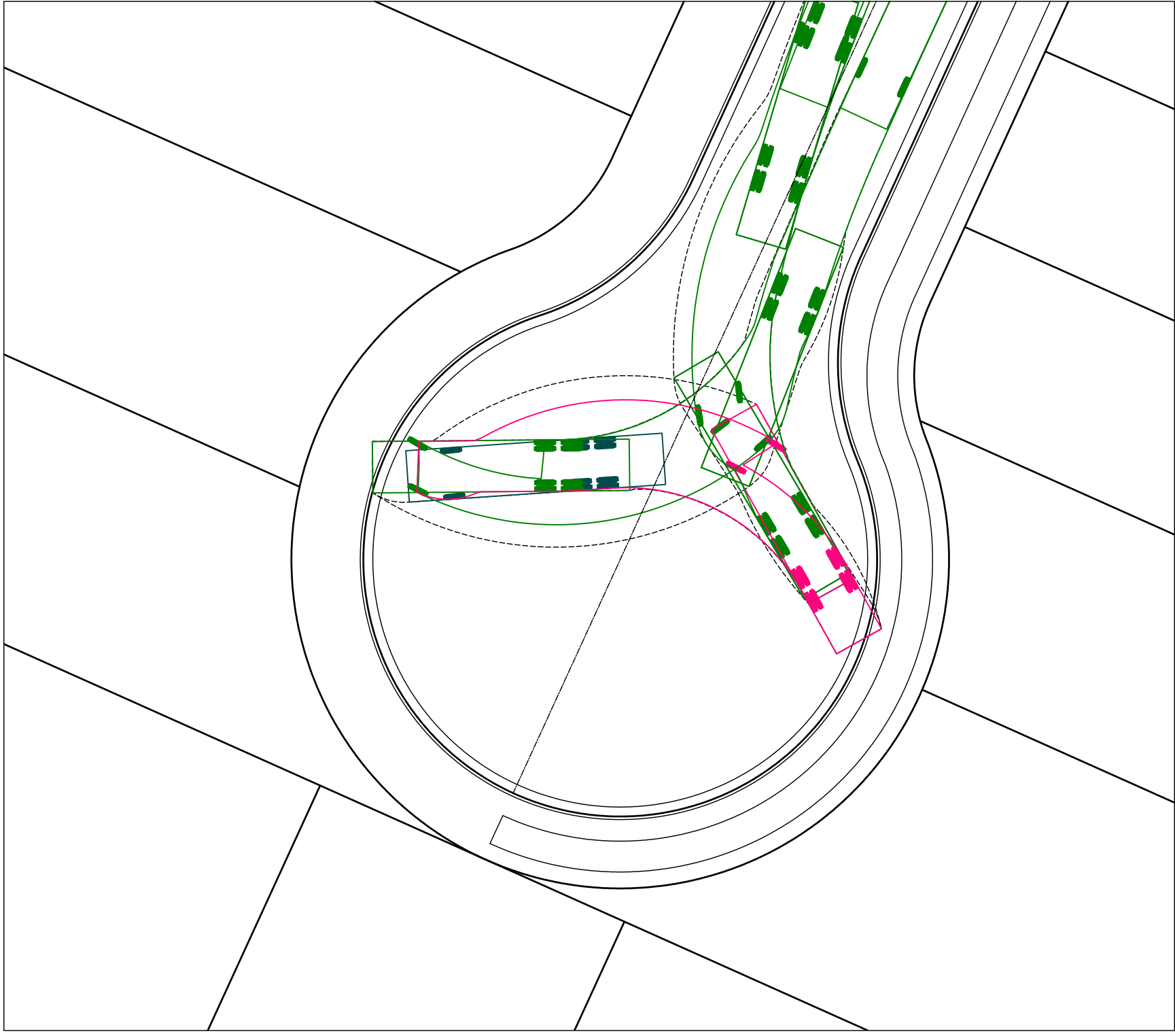
Bathla



DRAWN: M.ILIJEVSKI	DESIGNED: M.ILIJEVSKI	RESIDENTIAL SUBDIVISION - CAERLEON MUDGE DEVELOPMENT APPLICATION - STAGE 14 SWEPT PATH ANALYSIS LAYOUT PLAN			
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN				
APPROVED:	J.AGUSTIN				
NOT FOR CONSTRUCTION		DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
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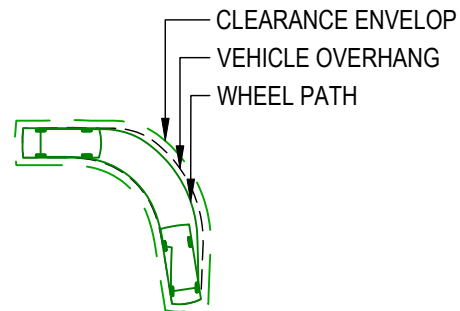
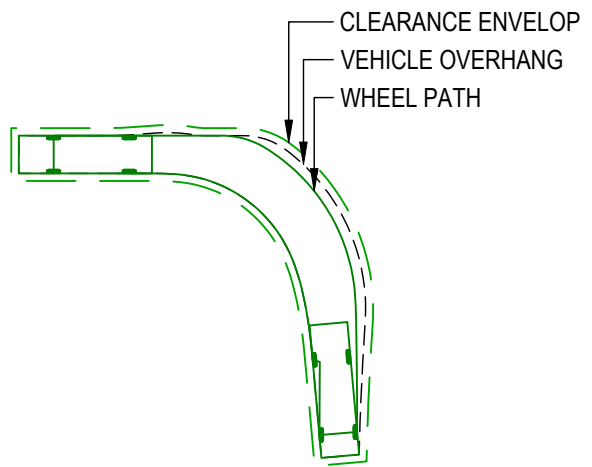
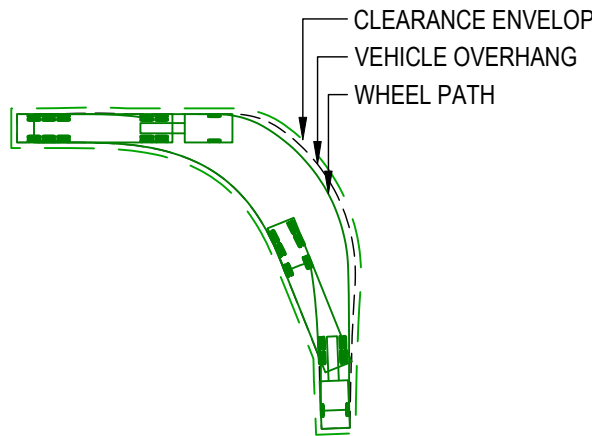


DESIGN VEHICLE



CHECK VEHICLE

LEGEND



VEHICLE ENVELOPE - B85



VEHICLE ENVELOPE - B99



VEHICLE ENVELOPE - 5.2m



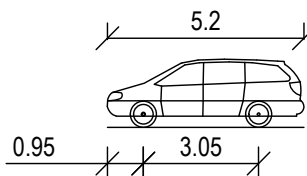
VEHICLE ENVELOPE - 8.8m



VEHICLE ENVELOPE - 12.5m

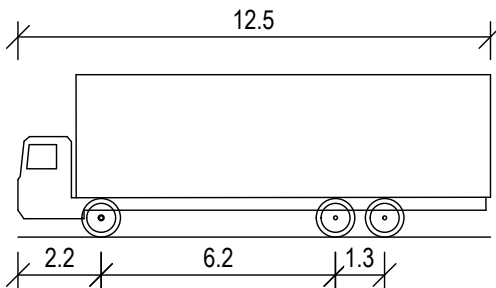


VEHICLE ENVELOPE - 19.0m



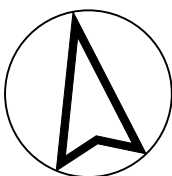
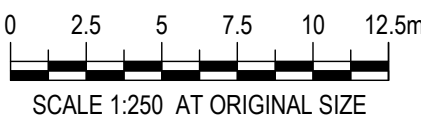
PASSENGER VEHICLE 5.2m	
OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
MIN BODY GROUND CLEARANCE	0.295m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	6.300m

DESIGN VEHICLE



SINGLE UNIT TRUCK/BUS	
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.490m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m

CHECK VEHICLE



Bathla



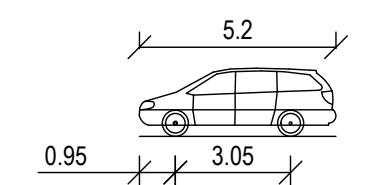
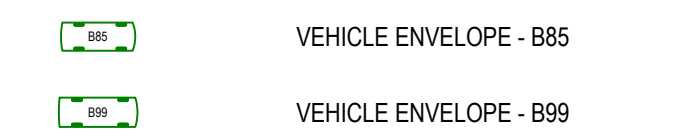
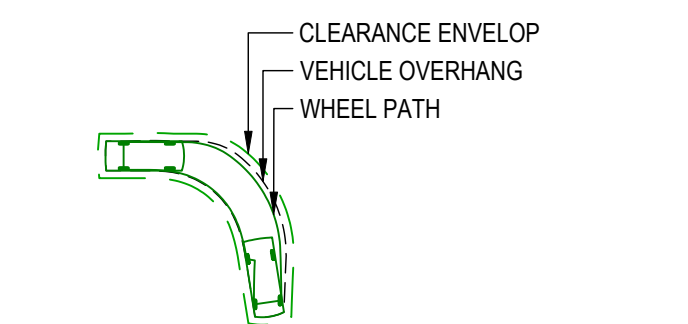
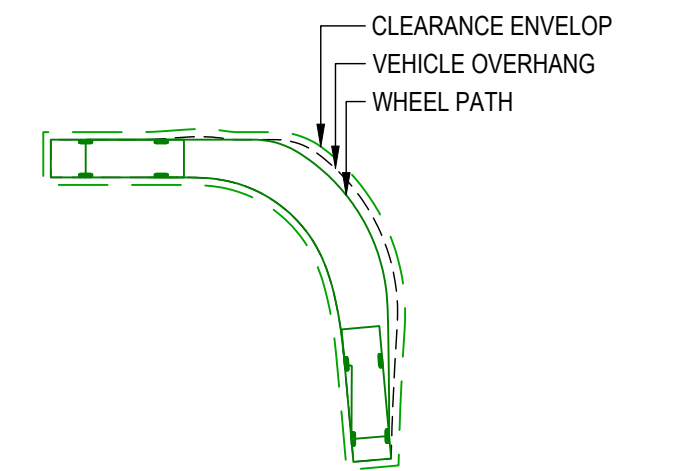
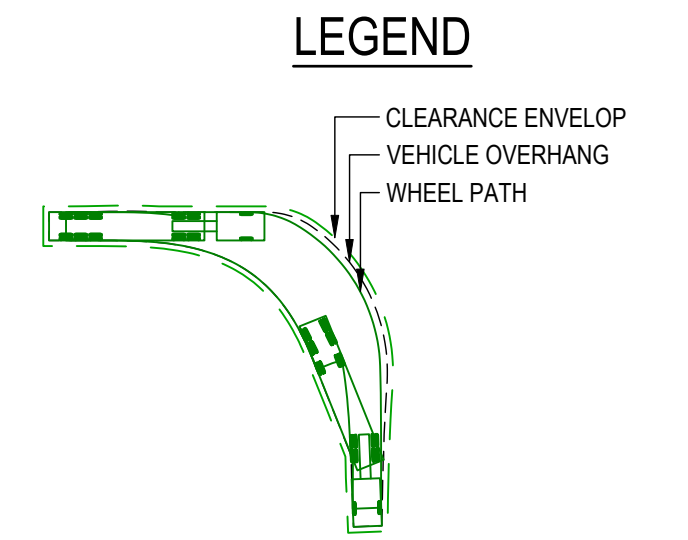
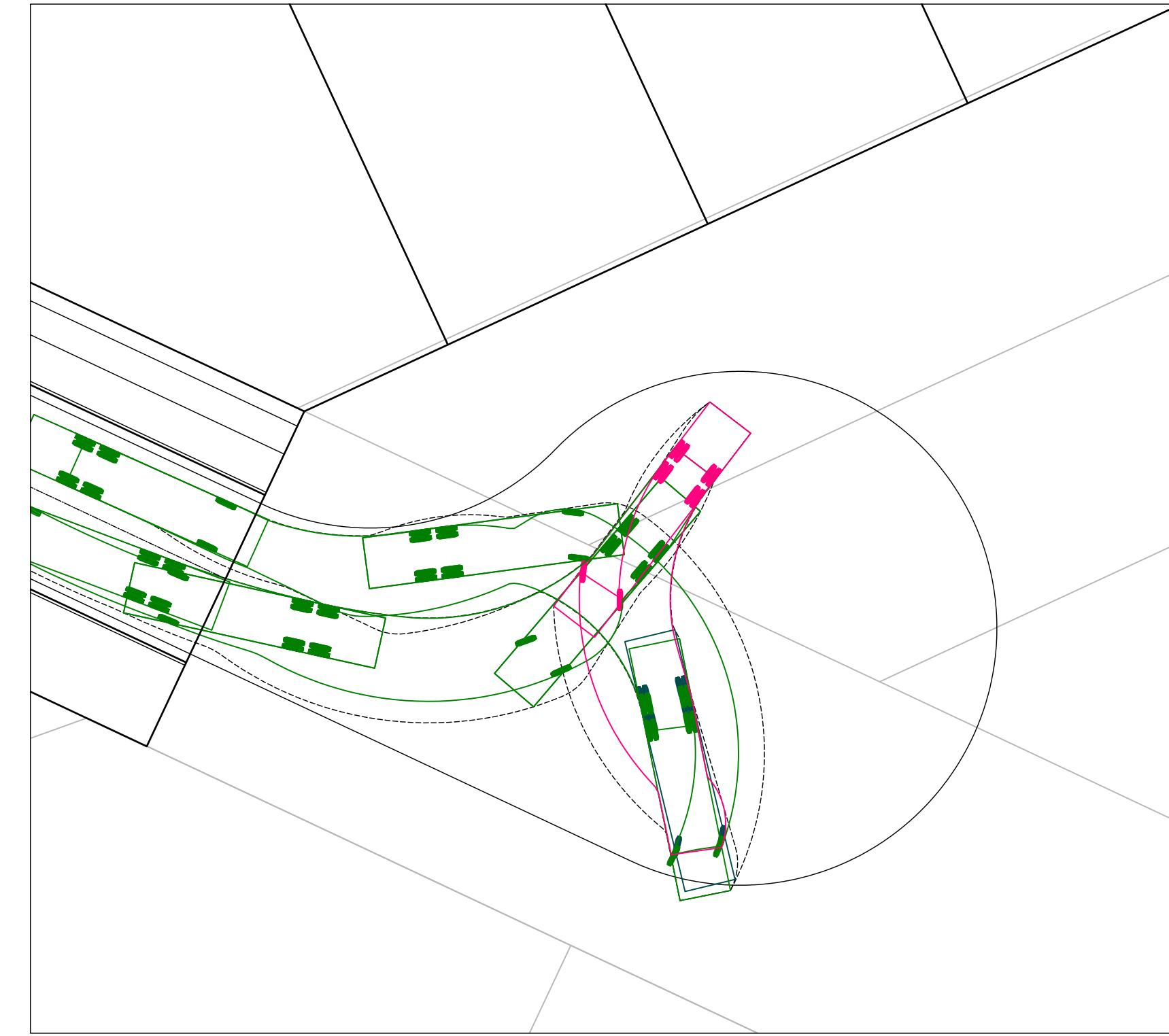
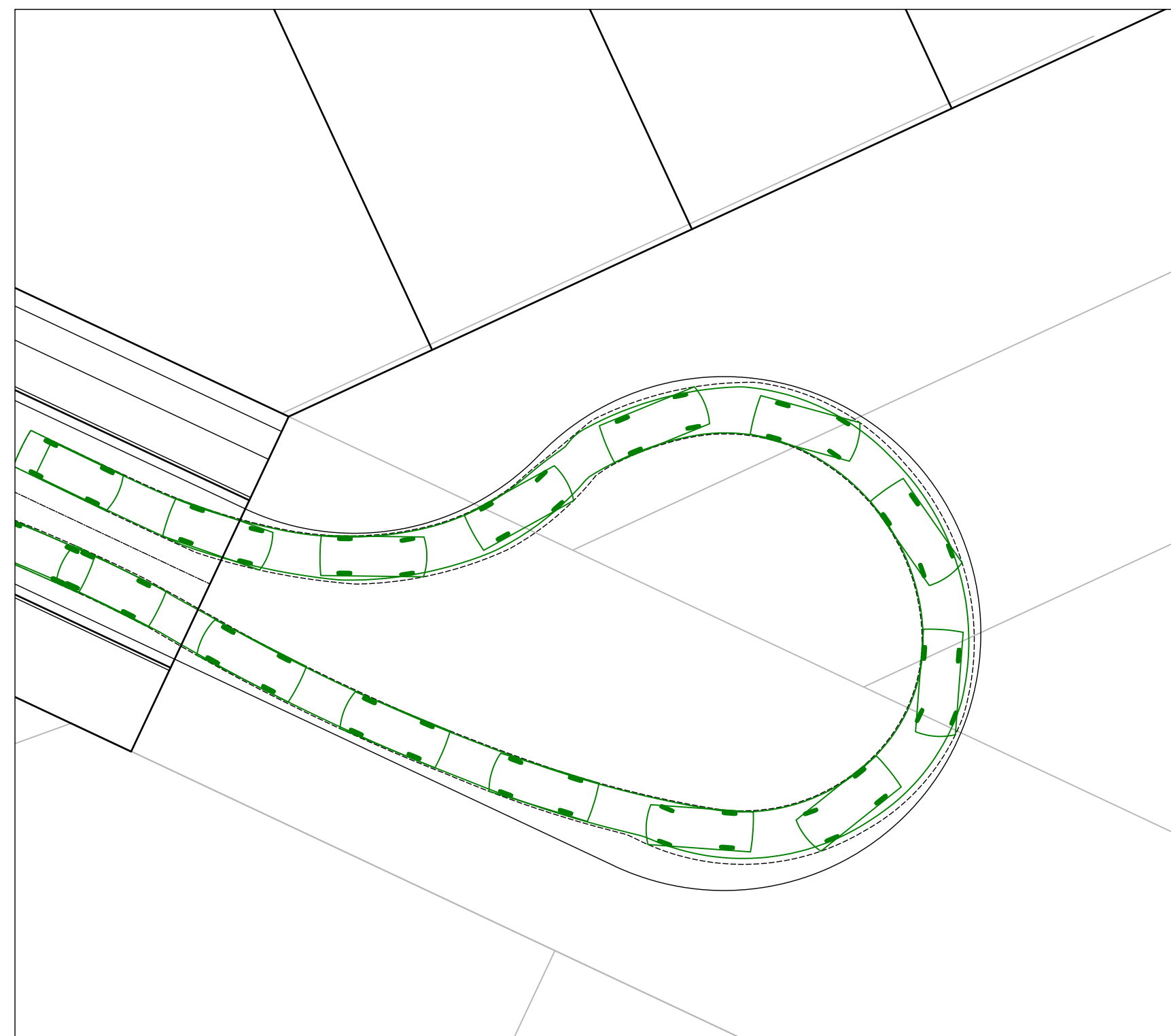
DRAWN: M.I.LJUEVSKI	DESIGNED: M.I.LJUEVSKI
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN

NOT FOR CONSTRUCTION

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
SWEPT PATH ANALYSIS
LAYOUT PLAN

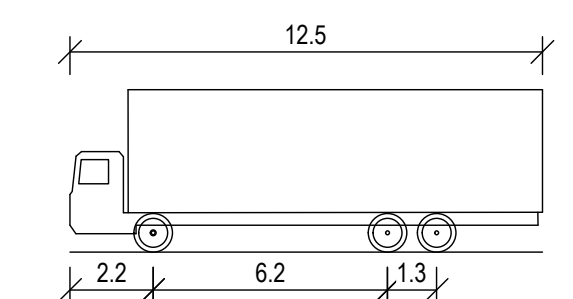
DRAWING NUMBER MKRV0036-114-C1708	SHEET No. 8 OF 10	ORIG. SIZE A1	REVISION 1
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REV	DATE	DESCRIPTION	AMD BY	APP BY
1	26.09.23	FOR APPROVAL	M.I.	J.M.A.
P1	25.08.23	DRAFT ISSUE	M.I.	J.M.A.



PASSENGER VEHICLE 5.2m	
OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
MIN BODY GROUND CLEARANCE	0.295m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	6.300m

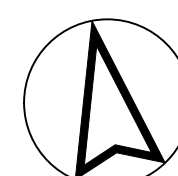
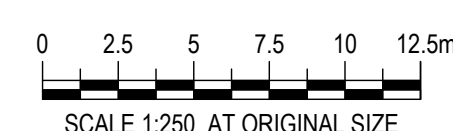
DESIGN VEHICLE



SINGLE UNIT TRUCK/BUS	
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.490m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m

CHECK VEHICLE

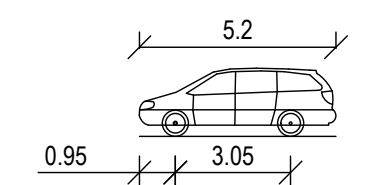
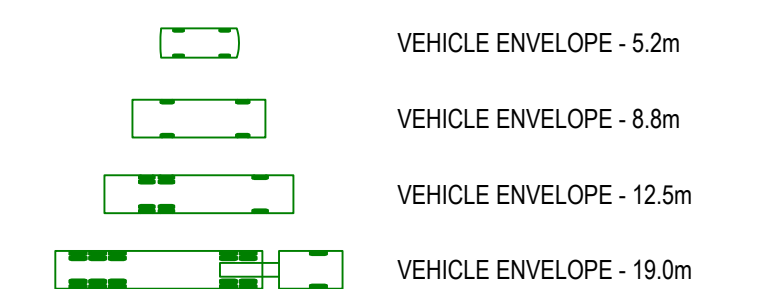
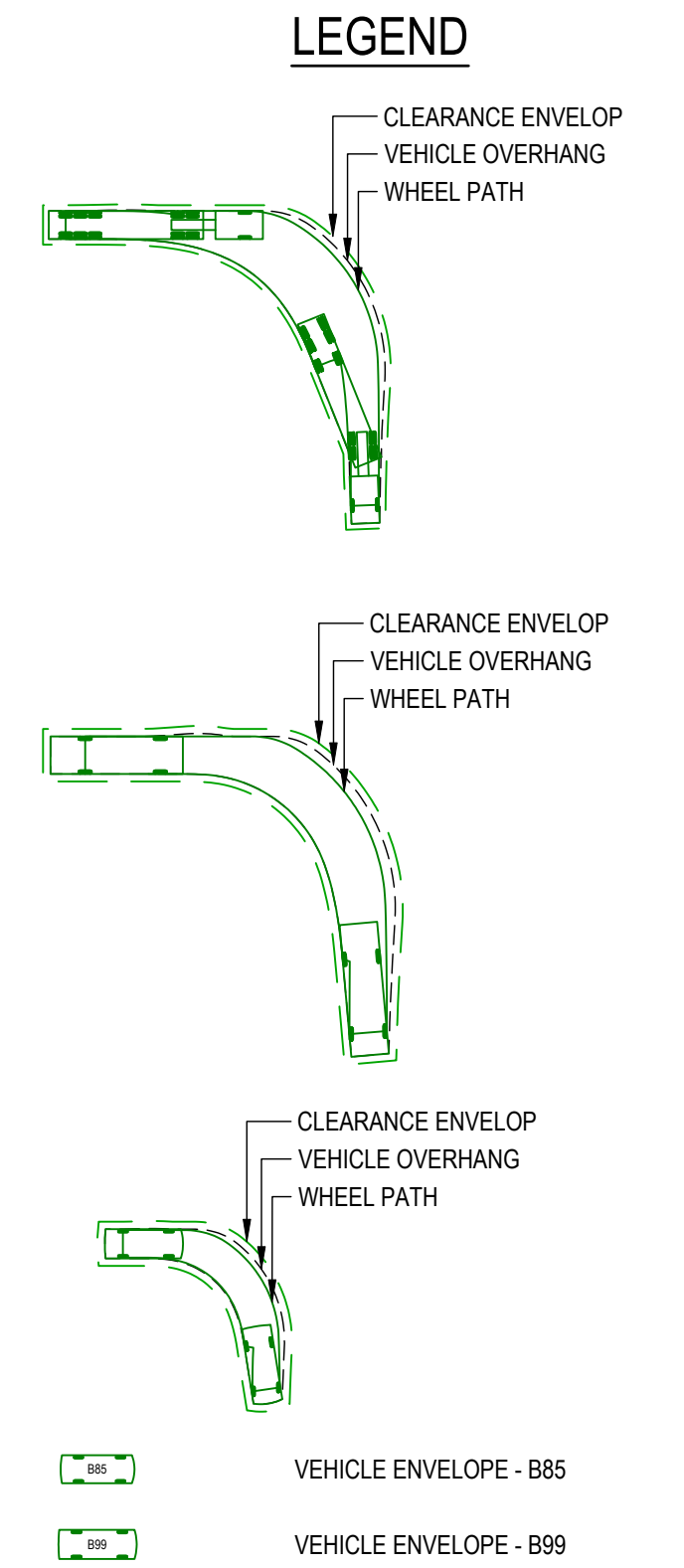
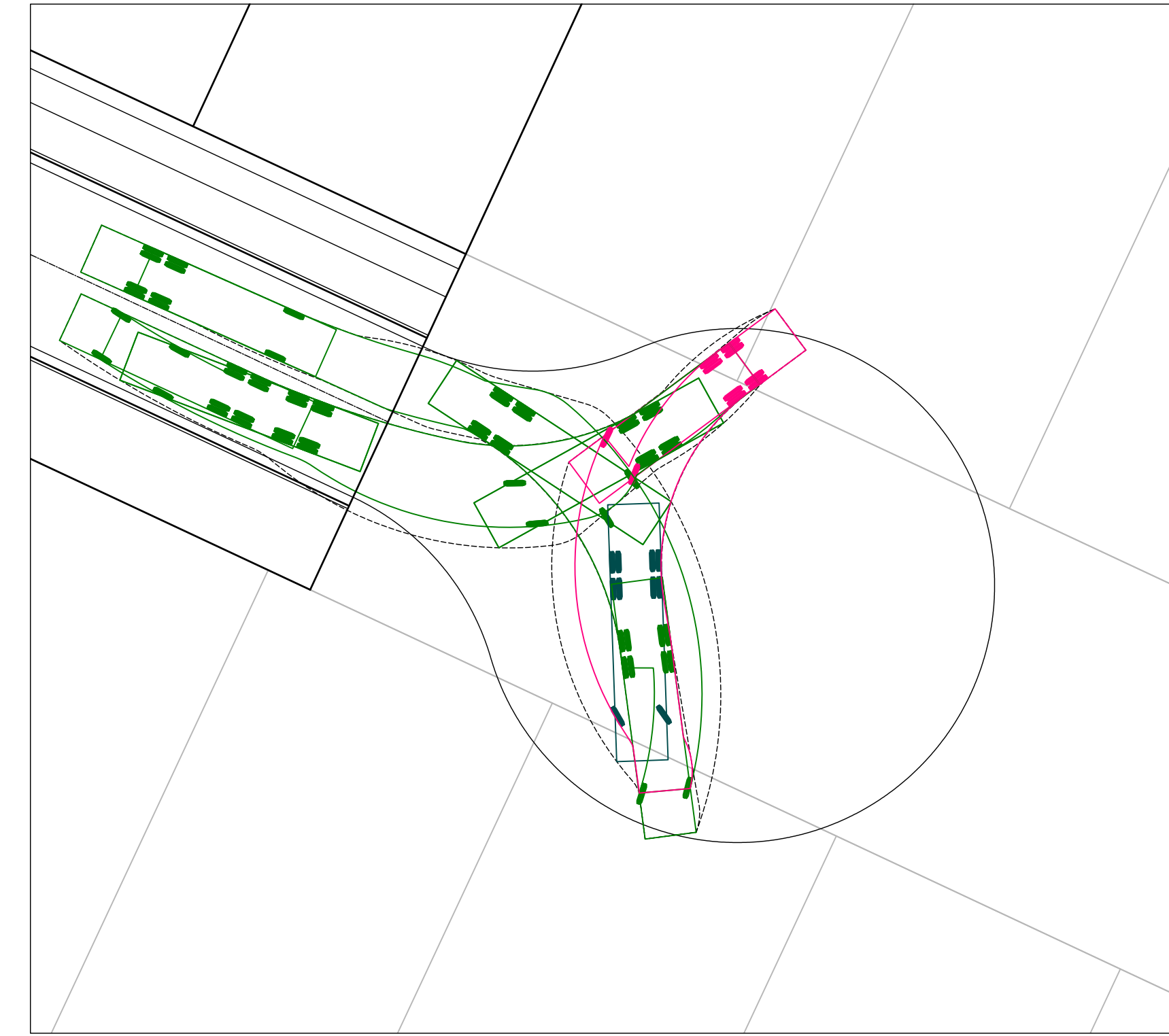
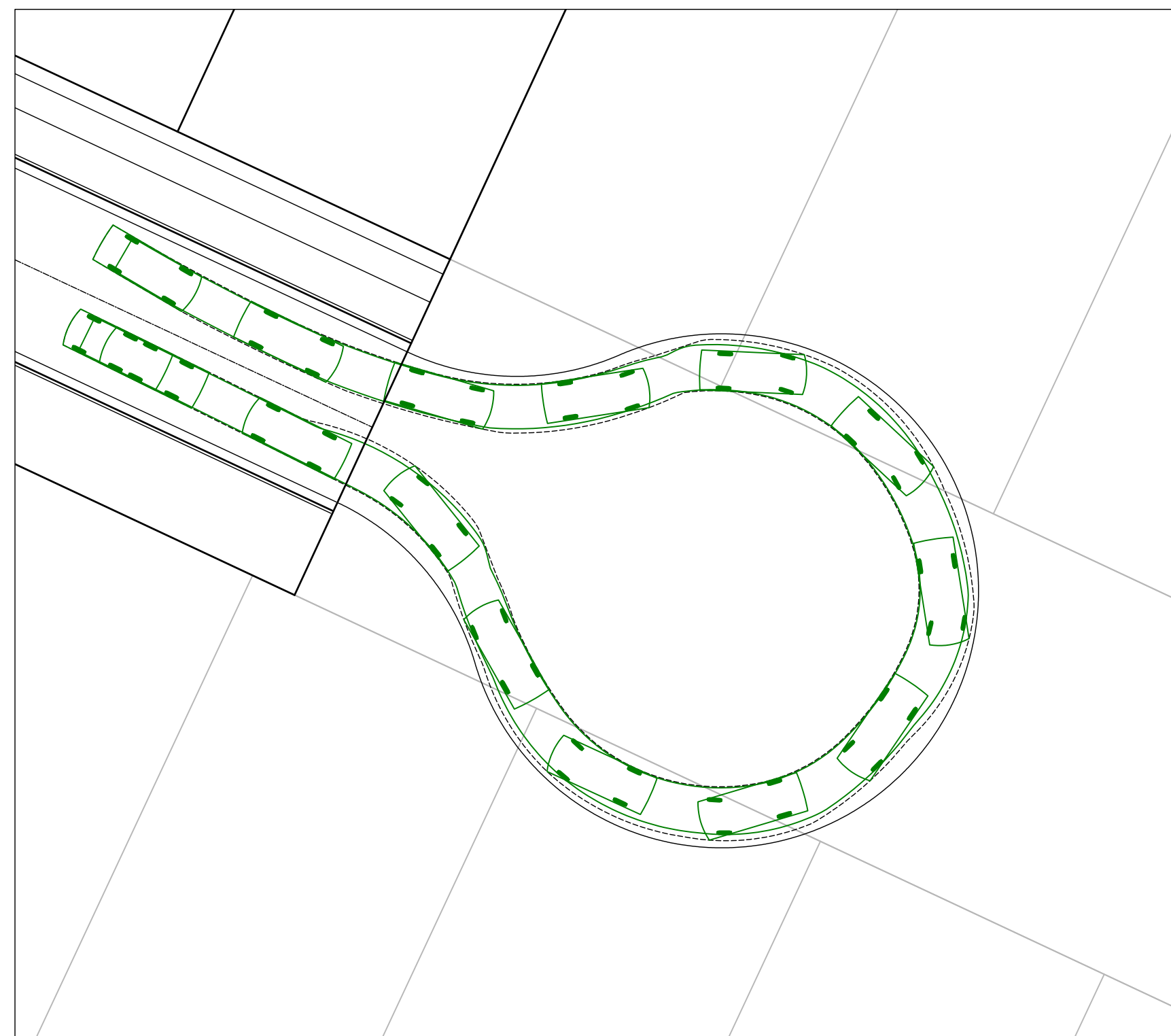
1	26.09.23	FOR APPROVAL		M.I	J.M.A.
P1	25.08.23	DRAFT ISSUE		M.I	J.M.A.
REV	DATE	DESCRIPTION		AMD BY	APP BY



Bathla

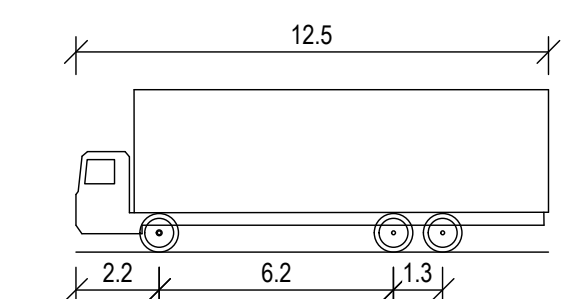


DRAWN: M.I.LJUEVSKI	DESIGNED: M.I.LJUEVSKI	RESIDENTIAL SUBDIVISION - CAERLEON MUDGE DEVELOPMENT APPLICATION - STAGE 14 SWEPT PATH ANALYSIS LAYOUT PLAN			
DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN				
APPROVED:	J.AGUSTIN				
NOT FOR CONSTRUCTION		DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
		MKR/V0036-114-C1709	9 OF 10	A1	1



PASSENGER VEHICLE 5.2m	
OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
MIN BODY GROUND CLEARANCE	0.295m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	6.300m

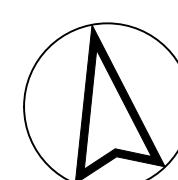
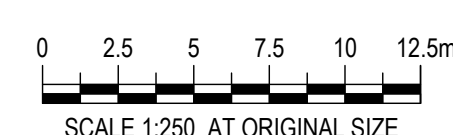
DESIGN VEHICLE



SINGLE UNIT TRUCK/BUS	
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.490m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m

CHECK VEHICLE

1	26.09.23	FOR APPROVAL	M.I	J.M.A.
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A.
REV	DATE	DESCRIPTION	AMD BY	APP BY




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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN				
APPROVED:	J.AGUSTIN				
NOT FOR CONSTRUCTION		DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
		MKR/V0036-114-C1710	10 OF 10	A1	1





PROPOSED

 LOT BOUNDARY


 GIVE WAY SIGNAGE AND LINEMARKING TREATMENT

 FLAT TOP SPEED HUMPS 100mm HEIGHT (SUITABLE FOR CARS) REFER MKRV0036-114-C0350


 FLAT TOP SPEED HUMPS 75mm HEIGHT (SUITABLE FOR BUSES) REFER MKRV0036-114-C0350

 BUS STOP LOCATION

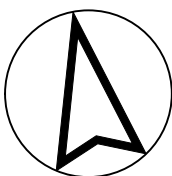
EXISTING

 LOT BOUNDARY

FUTURE

 LOT BOUNDARY

1	26.09.23	FOR APPROVAL	M.I	J.M.A
P1	25.08.23	DRAFT ISSUE	M.I	J.M.A
REV	DATE	DESCRIPTION	AMD BY	APP BY



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DRAFT CHECK: J.AGUSTIN	DESIGN CHECK: J.AGUSTIN
APPROVED:	J.AGUSTIN

NOT FOR CONSTRUCTION

RESIDENTIAL SUBDIVISION - CAERLEON MUDGE
DEVELOPMENT APPLICATION - STAGE 14
LOCAL AREA TRAFFIC MANAGEMENT
LAYOUT PLAN

DRAWING NUMBER MKRV0036-114-C1900	SHEET No.	ORIG. SIZE A1	REVISION 1
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