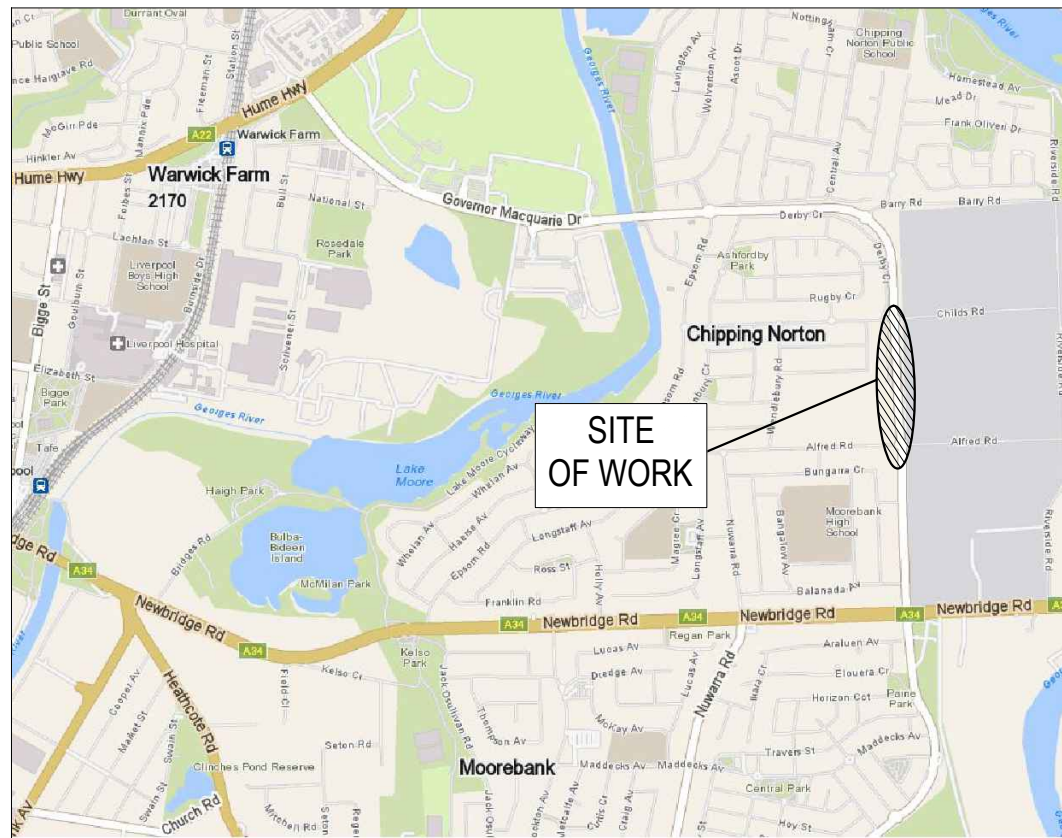
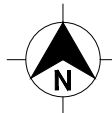




LIVERPOOL CITY COUNCIL  
**GOVERNOR MACQUARIE DRIVE**  
 ROAD UPGRADE WORKS  
 ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON  
**ROAD DESIGN**  
 DETAILED DESIGN



LOCALITY PLAN

Map Data 2020 Whereis®, Sensis Pty Ltd

DRAWING INDEX

PART NUMBER	CODE	NAME
PART 1	GE	GENERAL OVERVIEW & KEY PLAN
	RD	ROAD ALIGNMENT AND DETAIL
	RC	ROAD CROSS SECTIONS
	UT	UTILITIES
	SM	STORMWATER MANAGEMENT
	PV	PAVEMENT
	RF	SIGNPOSTING & PAVEMENT MARKING
	MS	MISCELLANEOUS

**NOT FOR CONSTRUCTION**


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DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-GE-0001.dwg		LINEAR REFERENCING START: FINISH:		PLOT DATE / TIME 12/5/2022 10:20 AM		PLOT BY jacobj		CLIENT LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON		A3	
PREPARED BY Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		DESIGNED SIGNED ..... NAME NICHOLAS WALL TITLE CIVIL ENGINEER DATE 05.12.22		REVIEWED SIGNED ..... NAME IAN BROWN TITLE SENIOR CIVIL ENGINEER DATE 05.12.22		VERIFIED SIGNED ..... NAME IAN BROWN TITLE SENIOR CIVIL ENGINEER DATE 05.12.22		LCC PROJECT MANAGER NAME MAHAVIR ARYA TITLE TRAFFIC & TRANSPORT ENGINEER VALIDATION AND ACCEPTANCE OF THESE DRAWINGS AND THE DESIGN SHOWN THEREON IS TO BE CARRIED OUT UNDER SEPARATE PROCESS		LCC PROJECT No. - DESIGN PROJECT No. - DESIGN PROJECT No. 300312 ISSUE STATUS DETAILED DESIGN EDMS No. - SHEET No. GE-0001 ISSUE 0	

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SHEET No.	SHEET DESCRIPTION	ISSUE																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GE	GENERAL																	
GE-0002	SHEET INDEX - SHEET 1																	
GE-0003	SHEET INDEX - SHEET 2																	
GE-0004	SHEET INDEX - SHEET 3																	
GE-0020	OVERVIEW PLAN	05.12.2022																
GE-0031	SURVEY FEATURES LEGEND - SHEET 1	05.12.2022																
GE-0032	SURVEY FEATURES LEGEND - SHEET 2	05.12.2022																
RD	ROAD ALIGNMENT AND DETAIL																	
RD-0001	TYPICAL CROSS SECTIONS - SHEET 1	05.12.2022																
RD-0002	TYPICAL CROSS SECTIONS - SHEET 2	05.12.2022																
RD-0005	TYPICAL DETAILS	05.12.2022																
RD-0011	ALIGNMENT PLAN - SHEET 1	05.12.2022																
RD-0012	ALIGNMENT PLAN - SHEET 2	05.12.2022																
RD-0013	ALIGNMENT SCHEDULES	05.12.2022																
RD-0021	KERB ALIGNMENT PLAN - SHEET 1	05.12.2022																
RD-0022	KERB ALIGNMENT PLAN - SHEET 2	05.12.2022																
RD-0023	KERB ALIGNMENT SCHEDULES	05.12.2022																
RD-0031	MEDIAN ISLAND ALIGNMENT PLAN - SHEET 1	05.12.2022																
RD-0032	MEDIAN ISLAND ALIGNMENT PLAN - SHEET 2	05.12.2022																
RD-0033	MEDIAN ISLAND ALIGNMENT PLAN - SHEET 3	05.12.2022																
RD-0034	MEDIAN ISLAND ALIGNMENT SCHEDULES	05.12.2022																
RD-0101	GENERAL ARRANGEMENT PLAN - SHEET 1	05.12.2022																
RD-0102	GENERAL ARRANGEMENT PLAN - SHEET 2	05.12.2022																
RD-0103	GENERAL ARRANGEMENT PLAN - SHEET 3	05.12.2022																
RD-0111	GENERAL ARRANGEMENT PLAN - ALFRED ROAD	05.12.2022																
RD-0211	ROAD LONGITUDINAL SECTION - GOVERNOR MACQUARIE DRIVE SHEET 1	05.12.2022																
RD-0212	ROAD LONGITUDINAL SECTION - GOVERNOR MACQUARIE DRIVE SHEET 2	05.12.2022																
RD-0213	ROAD LONGITUDINAL SECTION - GOVERNOR MACQUARIE DRIVE SHEET 3	05.12.2022																
RD-0214	ROAD LONGITUDINAL SECTION - ALFRED ROAD	05.12.2022																
RD-0215	ROAD LONGITUDINAL SECTION - CHILDS ROAD	05.12.2022																
RC	ROAD CROSS SECTIONS																	
RC-0001	GOVERNOR MACQUARIE DRIVE - SHEET 1	05.12.2022																
RC-0002	GOVERNOR MACQUARIE DRIVE - SHEET 2	05.12.2022																
RC-0003	GOVERNOR MACQUARIE DRIVE - SHEET 3	05.12.2022																
RC-0004	GOVERNOR MACQUARIE DRIVE - SHEET 4	05.12.2022																
RC-0005	GOVERNOR MACQUARIE DRIVE - SHEET 5	05.12.2022																
RC-0006	GOVERNOR MACQUARIE DRIVE - SHEET 6	05.12.2022																
RC-0007	GOVERNOR MACQUARIE DRIVE - SHEET 7	05.12.2022																
RC-0008	GOVERNOR MACQUARIE DRIVE - SHEET 8	05.12.2022																
RC-0009	GOVERNOR MACQUARIE DRIVE - SHEET 9	05.12.2022																
RC-0010	GOVERNOR MACQUARIE DRIVE - SHEET 10	05.12.2022																
RC-0011	GOVERNOR MACQUARIE DRIVE - SHEET 11	05.12.2022																
RC-0012	GOVERNOR MACQUARIE DRIVE - SHEET 12	05.12.2022																


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DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-GE-0002.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12D\GOVERNOR MACQUARIE DRIVE\DESIGN		PLOT DATE / TIME 12/5/2022 10:20 AM	PLOT BY jacobj	CLIENT	LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON GENERAL SHEET INDEX - SHEET 1	A3						
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x_DESIGN								DESIGN	N.WALL	05.12.22					
x_SURVEY								DESIGN CHECK	I.BROWN	05.12.22					
x_DRAINAGE								DESIGN MNGR	I.BROWN	05.12.22					
x_UTILITIES							PROJECT MNGR	I.BROWN	05.12.22						

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SHEET No.	SHEET DESCRIPTION	ISSUE																
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RC-0012	GOVERNOR MACQUARIE DRIVE - SHEET 12	05.12.2022																
RC-0013	GOVERNOR MACQUARIE DRIVE - SHEET 13	05.12.2022																
RC-0014	GOVERNOR MACQUARIE DRIVE - SHEET 14	05.12.2022																
RC-0015	GOVERNOR MACQUARIE DRIVE - SHEET 15	05.12.2022																
RC-0016	GOVERNOR MACQUARIE DRIVE - SHEET 16	05.12.2022																
RC-0017	GOVERNOR MACQUARIE DRIVE - SHEET 17	05.12.2022																
RC-0018	GOVERNOR MACQUARIE DRIVE - SHEET 18	05.12.2022																
RC-0019	GOVERNOR MACQUARIE DRIVE - SHEET 19	05.12.2022																
RC-0020	ALFRED ROAD - SHEET 1	05.12.2022																
RC-0021	ALFRED ROAD - SHEET 2	05.12.2022																
RC-0022	CHILDS ROAD - SHEET 1	05.12.2022																
RC-0023	CHILDS ROAD - SHEET 2	05.12.2022																
RC-0024	CHILDS ROAD - SHEET 3	05.12.2022																
UT	UTILITIES																	
UT-0001	UTILITIES PLAN - SHEET 1	05.12.2022																
UT-0002	UTILITIES PLAN - SHEET 2	05.12.2022																
UT-0003	UTILITIES PLAN - SHEET 3	05.12.2022																
UT-0011	UTILITIES PLAN - ALFRED ROAD	05.12.2022																
SM	STORMWATER MANAGEMENT																	
SM-0001	STORMWATER MANAGEMENT PLAN - SHEET 1	05.12.2022																
SM-0002	STORMWATER MANAGEMENT PLAN - SHEET 2	05.12.2022																
SM-0003	STORMWATER MANAGEMENT PLAN - SHEET 3	05.12.2022																
SM-0011	STORMWATER MANAGEMENT PLAN - ALFRED ROAD	05.12.2022																
PV	PAVEMENT																	
PV-0001	PAVEMENT PLAN - SHEET 1	05.12.2022																
PV-0002	PAVEMENT PLAN - SHEET 2	05.12.2022																
PV-0003	PAVEMENT PLAN - SHEET 3	05.12.2022																
PV-0011	PAVEMENT PLAN - ALFRED ROAD	05.12.2022																
RF	SIGNPOSTING AND PAVEMENT MARKING																	
RF-0001	SIGNAGE AND MARKING PLAN - SHEET 1	05.12.2022																
RF-0002	SIGNAGE AND MARKING PLAN - SHEET 2	05.12.2022																
RF-0003	SIGNAGE AND MARKING PLAN - SHEET 3	05.12.2022																
RF-0011	SIGNAGE AND MARKING PLAN - ALFRED ROAD	05.12.2022																
MS	MISCELLANEOUS																	
MS-0101	ALFRED ROAD TURNING PATHS - B-DOUBLE 26M LEFT	05.12.2022																
MS-0102	ALFRED ROAD TURNING PATHS - B-DOUBLE 26M RIGHT - SHEET 1	05.12.2022																
MS-0103	ALFRED ROAD TURNING PATHS - B-DOUBLE 26M RIGHT - SHEET 2	05.12.2022																
MS-0104	ALFRED ROAD TURNING PATHS - PM S 19M LEFT	05.12.2022																
MS-0105	ALFRED ROAD TURNING PATHS - PM S 19M RIGHT - SHEET 1	05.12.2022																
MS-0106	ALFRED ROAD TURNING PATHS - PM S 19M RIGHT - SHEET 2	05.12.2022																

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DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-GE-0003.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12D\GOVERNOR MACQUARIE DRIVE\DESIGN		PLOT DATE / TIME 12/5/2022 10:20 AM	PLOT BY jacobj	CLIENT	LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON GENERAL SHEET INDEX - SHEET 2	A3				
EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	NAME	DATE		DESIGN PROJECT No. <b>300312</b>	PART -
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x_SURVEY								DESIGN CHECK	I.BROWN	05.12.22		GE-0003	0
x_DRAINAGE								DESIGN MNGR	I.BROWN	05.12.22			
x_UTILITIES								PROJECT MNGR	I.BROWN	05.12.22			

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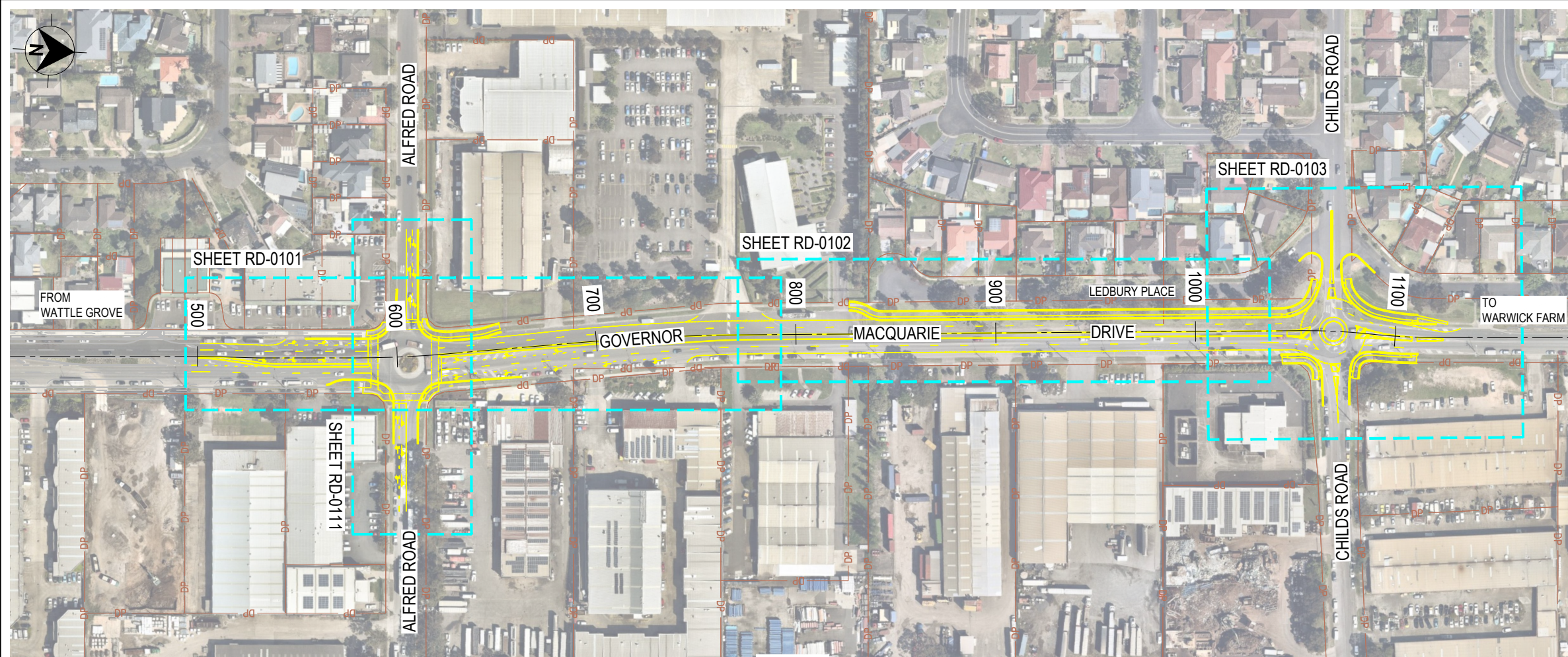
50mm ON A3 SIZE ORIGINAL

SHEET No.	SHEET DESCRIPTION	ISSUE																
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MS-0107	ALFRED ROAD TURNING PATHS - 12.5m SU TRUCK RIGHT - SHEET 1	05.12.2022																
MS-0108	ALFRED ROAD TURNING PATHS - 12.5m SU TRUCK RIGHT - SHEET 2	05.12.2022																
MS-0109	CHILDS ROAD TURNING PATHS - B-DOUBLE 26M LEFT	05.12.2022																
MS-0110	CHILDS ROAD TURNING PATHS - B-DOUBLE 26M RIGHT	05.12.2022																
MS-0111	CHILDS ROAD TURNING PATHS - PM S 19M LEFT	05.12.2022																
MS-0112	CHILDS ROAD TURNING PATHS - PM S 19M RIGHT - SHEET 1	05.12.2022																
MS-0113	CHILDS ROAD TURNING PATHS - PM S 19M RIGHT - SHEET 2	05.12.2022																
MS-0114	CHILDS ROAD TURNING PATHS - 12.5m SU TRUCK LEFT	05.12.2022																
MS-0115	CHILDS ROAD TURNING PATHS - 12.5m SU TRUCK RIGHT - SHEET 1	05.12.2022																
MS-0116	CHILDS ROAD TURNING PATHS - 12.5m SU TRUCK RIGHT - SHEET 2	05.12.2022																
MS-0201	PAVEMENT OVERLAY DEPTHS	05.12.2022																
MS-0301	KERB PROFILES - SHEET 1	05.12.2022																
MS-0302	KERB PROFILES - SHEET 2	05.12.2022																
MS-0303	KERB PROFILES - SHEET 3	05.12.2022																
MS-0304	KERB PROFILES - SHEET 4	05.12.2022																
MS-0311	MEDIAN ISLAND PROFILES - SHEET 1	05.12.2022																
MS-0312	MEDIAN ISLAND PROFILES - SHEET 2	05.12.2022																

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DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-GE-0004.dwg		DESIGN LOT CODE ....	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12D\GOVERNOR MACQUARIE DRIVE\DESIGN		PLOT DATE / TIME 12/5/2022 10:20 AM	PLOT BY jacobj	CLIENT LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON GENERAL SHEET INDEX - SHEET 3		PART A3
EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES		0	05.12.22	DETAILED DESIGN - ISSUED FOR REVIEW				COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398	
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		TITILE		NAME	DATE	DESIGN PROJECT No. <b>300312</b>	
DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN		05.12.22 05.12.22 05.12.22 05.12.22 05.12.22		ISSUE STATUS DETAILED DESIGN		EDMS No. -	SHEET No. GE-0004
ISSUE		0		© Roads and Maritime Services					





PLAN  
SCALE 1:2500

**LEGEND**

- DP OVERLAY BOUNDARY
- PROPOSED WORKS
- PLAN SHEET AREA AT 1:500

**NOTES**

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT RMS QA SPECIFICATIONS AND AUSTRALIAN STANDARDS UNLESS OTHERWISE STATED
- ALL INVESTIGATIONS AND WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH RMS' QA SPECIFICATION G22 - WORK HEALTH AND SAFETY (CONSTRUCTION AND MAINTENANCE WORKS)
- PROVISION FOR TRAFFIC DURING CONSTRUCTION TO BE IN ACCORDANCE WITH RMS' QA SPECIFICATION G10 - TRAFFIC MANAGEMENT AND RMS' TRAFFIC CONTROL AT WORK SITE MANUAL
- REFER TO SHEET GE-0002 FOR DRAWING LIST
- REFER TO SHEET RD-0001 FOR TYPICAL SECTIONS

**GENERAL NOTES**

ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH LCC CONSTRUCTION STANDARDS, SPECIFICATION AND STANDARD DRAWINGS, CURRENT AT THE TIME OF COMMENCEMENT OF WORK.

**EROSION CONTROL**

APPROPRIATE MEASURES ARE TO BE UNDERTAKEN FOR THE CONTROL OF SOIL EROSION AND THE MINIMISATION OF DOWNSTREAM SEDIMENT TRANSFER DURING THE CONSTRUCTION PERIOD AND FOR THE FULL PERIOD OF OPERATION OF THE DEVELOPMENT. THE WORK SHALL COMPLY WITH THE GENERAL PRINCIPLES AS SET DOWN IN THE COUNCIL'S SPECIFICATION. PARTICULAR ATTENTION SHOULD BE PAID TO SURFACE RUNOFF FROM ALL EXPOSED AREAS.

**PUBLIC UTILITIES**

ALL PUBLIC UTILITIES ARE TO BE CLEARLY IDENTIFIED IN THE FIELD PRIOR TO ANY CIVIL WORKS. THIS FIRM DOES NOT ACCEPT ANY RESPONSIBILITY FOR DAMAGES OR RELOCATION COSTS TO PUBLIC UTILITIES DURING THE CONSTRUCTION OF THE DEVELOPMENT. LIVERPOOL CITY COUNCIL ARE TO BE NOTIFIED PRIOR TO THE COMMENCEMENT OF ANY WORKS AND CONCURRENCE FROM BOTH ORGANISATIONS SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF WORK.

IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE WORK HEALTH AND SAFETY ACT.

**STORMWATER DRAINAGE NOTES**

- D1. LOCATION OF EXISTING SERVICES ON THESE PLANS IS INDICATIVE ONLY BASED ON SERVICES EVIDENT AT THE TIME OF SURVEY AND DIAL BEFORE YOU DIG SEARCHES MADE AT THE TIME OF PLAN PREPARATION. THE CONTRACTOR IS TO CARRY OUT A COMPLETE SERVICES SEARCH PRIOR TO CONSTRUCTION AND TAKE ALL NECESSARY PRECAUTIONS.
- D2. FOR DETAILS OF SW PITS REFER TO LCC STANDARD DRAWINGS WHERE APPLICABLE.
- D3. STANDARD STEP IRONS TO BE PROVIDED FOR PITS WHERE DEPTH EXCEEDS 1200mm OR AS OTHERWISE REQUIRED BY LCC SPECIFICATIONS.
- D4. CONCRETE CHARACTERISTIC STRENGTH SHALL BE 25 MPA (MIN) WITH SLUMP OF 60-80 mm, UNLESS NOTED OTHERWISE.
- D5. SET OUT POINTS FOR STORMWATER PITS HAS BEEN TAKEN AS THE CENTRE OF THE PIT, UNLESS NOTED OTHERWISE.
- D6. ALL R.C. STORMWATER PIPES TO BE CLASS "4", UNLESS NOTED OTHERWISE.

**ROADWORKS NOTES**

- R1. SUBGRADE CBR'S FOR PAVEMENT DESIGN ARE BASED ON GEOTECHNICAL INVESTIGATIONS.
- R2. SUBGRADE AND BASECOURSE TO BE COMPACTED IN ACCORDANCE WITH R.M.S. SPECIFICATION.
- R3. SIGNPOSTING AND LINE MARKING TO CONFORM WITH AS1742.2. AND R.M.S. REQUIREMENTS.
- R4. STREET SIGNS TO R.M.S. STANDARD SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.

**LINEMARKING NOTES**

- 1. ALL SIGNPOSTING AND LINE MARKING (INCLUDING RAISED PAVEMENT MARKERS) TO BE IN ACCORDANCE WITH AS 1742.2 AND R.M.S. SPECIFICATIONS.
- 2. ALL CHEVRONS TO BE WATERBOURNE PAINT LINE MARKING, AND DIRECTIONAL ARROWS TO BE THERMOPLASTIC.
- 3. REMOVE ALL REDUNDANT LINE MARKING BY GRINDING OR WATER BLASTING IN ACCORDANCE WITH R.M.S. SPECIFICATION.
- 4. REMOVE ALL REDUNDANT SIGNPOSTING.

**EARTHWORKS NOTES**

- N1. EARTHWORKS TO BE CARRIED OUT TO R.M.S. SPECIFICATIONS. UNSOUND MATERIALS ARE TO BE REMOVED FROM ROADS PRIOR TO FILLING. THE CONTRACTOR IS TO ARRANGE AND MAKE AVAILABLE COMPACTION CERTIFICATES WHERE REQUIRED.
- N2. PROVIDE MIN. 100mm. AND MAX. 200mm. TOPSOIL WITH TURF ON FOOTPATHS, FILLED AREAS AND ALL OTHER AREAS DISTURBED DURING CONSTRUCTION. TOPSOILING AND TURF IS ONLY APPROPRIATE IN BROAD LOWLY GRADED AREAS IN CONJUNCTION WITH SILT FENCING.
- N3. THE CONTRACTOR SHALL CONTROL SEDIMENTATION, EROSION AND POLLUTION DURING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF RMS.

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-GE-0020.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12D\GOVERNOR MACQUARIE DRIVE\DESIGN	PLOT DATE / TIME 12/5/2022 10:20 AM	PLOT BY jacobj	CLIENT LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON GENERAL OVERVIEW PLAN	PART A3
EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. 300312	PART -
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x_LABELS						SHEET No. GE-0020	ISSUE 0
x_DESIGN							
x_SURVEY							
x_DRAINAGE							
x_UTILITIES							
CO-ORDINATE SYSTEM MGA ZONE 56				HEIGHT DATUM AHD			
SCALES ON A3 SIZE DRAWING HORIZONTAL SCALE 1:2500m				DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398			
TITLE		NAME		DATE			
DRAWN		J.JACKSON		05.12.22			
DRG CHECK		I.BROWN		05.12.22			
DESIGN		N.WALL		05.12.22			
DESIGN CHECK		I.BROWN		05.12.22			
DESIGN MNGR		I.BROWN		05.12.22			
PROJECT MNGR		I.BROWN		05.12.22			



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E BDGE (BRIDGE STRUCTURES)

- ABUTMENT BOTTOM (AB)
ABUTMENT BOTTOM POINT (PABB)
ABUTMENT TOP (AT)
ABUTMENT TOP POINT (PABT)
CAP-PILE (PBCP)
DECK (BR)
EXPANSION JOINT (XJ)
EXPANSION PLATE (XP)
HEADSTOCK (HS)
PIER-COLUMN (BC)
PIER-COLUMN POINT (PBPI)
UNDERNEATH CLEARANCE (UC)
WING WALL (WW)

E BDYS (BOUNDARIES)

- DIGITAL CADASTRE (ACCURACY 1.0m?) (BM)
DIGITISING EXTENT (PHOTO) (DE)
DP OVERLAY (ACCURACY 0.1m) (BO)
EASEMENT (BE)
FIELD COMPLETION (PHOTO) (NF)
FIELD SURVEY EXTENT (PHOTO) (FS)
LOCAL GOVERNMENT (BL)
PARISH (BP)
TITLE (ACCURACY 0.02m) (BT)

E BUIL (BUILDINGS & STRUCTURES)

- AWNING (AW)
AWNING - POINT (PAWN)
BOTTOM OF WALL (BW)
BUILDING EAVES (BV)
BUILDING WALLS (BU)
CEMETERY (OC)
CONCRETE SLAB AT GROUND LEVEL (VE)
CORNER OF BUILDING AT NS (PCBU)
DOORWAY (DO)
FLOOR LEVEL (PFLR)
GENERAL BUILT-UP AREA (OB)
LOADING BAY-DOCK (LB)
MISCELLANEOUS STRUCTURE (OM)
RETAINING WALL (RW)
RUIN (OR)
SILO OR TANK (OS)
SPORTING ARENA (OO)
STAIRS - OUTSIDE (SO)
SWIMMING POOL (OT)
TOP OF WALL (TW)

E COMM (COMMUNICATIONS)

- ABOVE GROUND JOINING POST (PTJP)
ITS CABLE (IT)
OPTICAL FIBRE - ABOVE GROUND (OA)
OPTICAL FIBRE - DIGITISED (OZ)
OPTICAL FIBRE - UNDERGROUND (OU)
OPTICAL FIBRE CABLE MARKER (POFM)
OPTICAL FIBRE CONDUIT (OD)
OPTICAL FIBRE JUNCTION BOX (POFJ)
OPTICAL FIBRE PIT (POFP)
STD 1.1m BY 1.1m MAIN PIT (PTMP)
TELEPHONE - HOUSE CONNECTION (TY)
TELEPHONE BOX (TX)
TELEPHONE BOX POINT (PTBX)
TELEPHONE CABLE MARKER (PTCM)
TELEPHONE CONDUIT (TD)
TELEPHONE DISTRIBUTION PILLAR (PTDP)
TELEPHONE LINE (TN)
TELEPHONE LINE - DIGITISED (TZ)
TELEPHONE POLE (PTPL)
TELEPHONE SINGLE CONCRETE PIT (PTSP)
TELEPHONE SUMP (TS)
TELEPHONE TRANSMITTER - MOBILE (PMPT)
TELEPHONE TRIPLE CONCRETE PIT (PT3P)
TELEPHONE TWIN CONCRETE PIT (PTTP)

E CONT (PHOTOGRAMMETRY)

- CONTOUR - AUX (DECIMETRE) (YQ)
CONTOUR - AUX (WHOLE METRE) (Y)
CONTOUR - INDEX (Z)
CONTOUR - INDEX DEPRESSION (ZQ)
CONTOUR - INTER DEPRESSION (XQ)
CONTOUR - STANDARD-INTER (X)

E CULT (CULTURAL)

- BIN - LARGE (BI)
BOLLARD (AC)
BUS SHELTER (BH)
BUS STOP (PBUS)
FENCE (FE)
FENCE LINE (FL)
FENCE MANPROOF (FM)
FENCE OTHER (FC)
FENCE POST-GUIDE POST (POST)
FIREPLACE (PFPL)
FLAG POLE (PFLG)
GATE (AG)
HEADSTONE (PHST)

E CULT (CULTURAL) CONTINUED

- HISTORICAL POINT OF INTEREST (PHIS)
LARGE SIGN (SI)
MAILBOX (PMBX)
PARKING METER (PKME)
PICNIC TABLE (TA)
PUMP (PWEP)
RUBBISH BIN (PBIN)
SAFETY FENCE (SF)
SEAT (SE)
SIGN POST (PSIN)
SIGN POST - DOUBLE SIDED (PSDS)
SIGN WITH OUTREACH (SX)
WINDMILL (OW)
WINDMILL - POINT (PWML)

E DRAI (STORMWATER)

- BATTER DRAIN GI FLUME (DF)
BOX CULVERT - 150 HIGH (B0)
BOX CULVERT - 225 HIGH (B1)
BOX CULVERT - 300 HIGH (B2)
BOX CULVERT - 375 HIGH (B3)
BOX CULVERT - 450 HIGH (B4)
BOX CULVERT - 600 HIGH (B6)
BOX CULVERT - 750 HIGH (B7)
BOX CULVERT - 900 HIGH (B9)
BOX CULVERT - 1050 HIGH (D0)
BOX CULVERT - 1200 HIGH (D1)
BOX CULVERT - 1500 HIGH (D2)
BOX CULVERT - 1800 HIGH (D3)
BOX CULVERT - 2100 HIGH (D4)
BOX CULVERT - 2400 HIGH (D5)
BOX CULVERT - 2700 HIGH (D6)
BOX CULVERT - 3000 HIGH (D7)
BOX CULVERT - 3300 HIGH (D8)
BOX CULVERT - 3600 HIGH (D9)
BOX CULVERT - UNSPECIFIED HEIGHT (UB)
DISH DRAIN (DD)
DRAIN - TABLE DRAIN (DT)
DRAINAGE - DIGITISED (DZ)
DRAINAGE BOX (DX)
DRAINAGE JUNCTION MANHOLE (PDJM)
DRAINAGE PIT (DP)
END OF WINGWALL (PEWW)
FLOOD HEIGHT (PFHT)
GULLY PIT (IP)
GULLY PIT POINT (PGUL)

E DRAIN (STORMWATER) CONTINUED

- HEADWALL BOTTOM (HB)
HEADWALL BOTTOM POINT (PHWB)
HEADWALL TOP (HW)
HEADWALL TOP POINT (PHWT)
INLET TO SUMP (PILT)
INVERT - 225 DIA (PI01)
INVERT - 300 DIA (PI02)
INVERT - 375 DIA (PI03)
INVERT - 450 DIA (PI04)
INVERT - 525 DIA (PI05)
INVERT - 600 DIA (PI06)
INVERT - 750 DIA (PI07)
INVERT - 900 DIA (PI09)
INVERT - 1050 DIA (PI10)
INVERT - 1200 DIA (PI12)
INVERT - 1350 DIA (PI13)
INVERT - 1500 DIA (PI15)
INVERT - 1650 DIA (PI16)
INVERT - 1800 DIA (PI18)
INVERT OF PIPE (PINV)
INVERT OF SUBSOIL DRAIN OUTLET (PSDO)
KERB INLET (KI)
OBVERT OF PIPE (POBV)
PIPE - 225 DIA (U1)
PIPE - 300 DIA (U2)
PIPE - 375 DIA (U3)
PIPE - 450 DIA (U4)
PIPE - 525 DIA (U5)
PIPE - 600 DIA (U6)
PIPE - 750 DIA (U7)
PIPE - 900 DIA (U9)
PIPE - 1050 DIA (V1)
PIPE - 1200 DIA (V2)
PIPE - 1350 DIA (V3)
PIPE - 1500 DIA (V5)
PIPE - 1650 DIA (V6)
PIPE - 1800 DIA (V8)
PIPE - UNSPECIFIED DIAMETER (UU)
SUBSOIL DRAIN FLUSH POINT (PSFP)
TOP OF CONCRETE JUNCTION BOX (PJBX)
WATER COURSE (WC)
WATER LEVEL POINT (PWLP)

E ELEC (ELECTRICITY SERVICES)

- CABLE JUNCTION BOX (PEJB)
CABLE MANHOLE (PEMH)
CABLE MARKER (PECM)
CONDUIT (ED)
DISTRIBUTION FUSE POINT (PEFP)
GARDEN LIGHT (PLGN)
HIGH TENSION PYLON (PHTT)
HOUSE CONNECTION (EY)
LIGHT WITH OUTREACH (LI)
LINE - DIGITISED (EZ)
LINE - MAJOR TRANSMISSION (UE)
LINE - MINOR TRANSMISSION (UL)
LINE - UNDERGROUND (EU)
MAIN SUMP (EN)
POLE - LIGHT (PLPL)
POLE - POWER (PPPL)
POLE - POWER AND LIGHT (PPLP)
POLE - POWER AND TRANSFORMER (PPTR)
PYLON LEG (EL)
STAY ANCHOR POLE (PSAP)
STAY POLE (PSPL)
SUSPENDED LIGHT (PLSU)
TRANSFORMER CABINET (EC)
TRANSFORMER CABINET CENTRE (PETC)
UNDERGROUND POWER SERVICE PILLAR (PEUP)

E FOTO (PHOTOGRAMMETRY)

- HORIZONTAL CONTROL POINT (PHCP)
MINOR CONTROL POINT (PMCP)
PHOTO CENTRE (PPCN)
VERTICAL CONTROL POINT (PVCP)

E FUEL (GAS SERVICES)

- ETHANE PIPELINE (HA)
HOUSE CONNECTION (DG)
MAIN - DIGITISED (ZG)
MAIN - HIGH PRESSURE PIPELINE (HG)
MAIN - LOW PRESSURE (LG)
MAIN - NYLON (NG)
MAIN - POLYETHYLENE (YG)
MANHOLE COVER (PGHL)
METER (PGMR)
PIPELINE MARKER (PGPM)
PIPELINE MARKER - HIGH PRESSURE (PGHM)
REGULATOR BOX (PGRB)
TEST POINT (PGTP)
VALVE BOX (PGAS)
VENT PIPE (PGVP)

E HERI (HERITAGE, ECOLOGICAL, HAZARD)

- ENDANGERED COMMUNITY (PHEC)
ENDANGERED ECOLOGICAL COMMUNITY (PHEE)
HAZARDOUS SITE (PHAZ)
INDIGENOUS HERITAGE AREA (PHIA)
NON INDIGENOUS HERITAGE SITE (PHNI)

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Table with drawing metadata including: DRAWING FILE LOCATION / NAME, DESIGN LOT CODE, DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING, PLOT DATE / TIME, PLOT BY, CLIENT, LIVERPOOL CITY COUNCIL, ROAD UPGRADE WORKS, ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON, GENERAL SURVEY FEATURES LEGEND - SHEET 1, DESIGN PROJECT No. 300312, SHEET No. GE-0031, ISSUE No. 0.

A3

PART - ISSUE 0

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

**E LNMK (LINEMARKING FEATURES)**

- ARROW - LEFT TURN (AL)
- ARROW - RIGHT TURN (AR)
- ARROW - STRAIGHT AHEAD (AS)
- ARROW - STRAIGHT AND LEFT (AE)
- ARROW - STRAIGHT AND RIGHT (AI)
- BARRIER AND SEPARATION (BS)
- CHEVRON MARKING LEFT (CV)
- CHEVRON MARKING RIGHT (CY)
- CLEARWAY (6x6) (CW)
- CONTINUITY (1x3) (CC)
- DOUBLE BARRIER (DB)
- DRAGONS TEETH LEFT (DA)
- DRAGONS TEETH RIGHT (DC)
- GIVEWAY-TURN (CG)
- LANE (3x9) (LL)
- PEDESTRIAN CROSSING (SIGNALS) (CX)
- PEDESTRIAN CROSSING (ZEBRA) (CZ)
- PEDESTRIAN CROSSING APPROACH (ZIG ZAG) (CA)
- SEPARATION (6x6) (CN)
- SEPARATION AND BARREIR (SB)
- 40 SPEED ZONE - 40kmh (S4)
- 50 SPEED ZONE - 50kmh (S5)
- 60 SPEED ZONE - 60kmh (S6)
- 70 SPEED ZONE - 70kmh (S7)
- 80 SPEED ZONE - 80kmh (S8)
- 90 SPEED ZONE - 90kmh (S9)
- 100 SPEED ZONE - 100kmh (S1)
- 110 SPEED ZONE - 110kmh (S2)
- TRAFFIC MARKER (SILENT COP) (PTMX)
- UNBROKEN (CD)

**E MARK (SURVEY MARKS)**

- ALIGNMENT PIN (PAPN)
- BENCH MARK (PBMK)
- BOLT (PBLT)
- BOUNDARY PEG (PBPB)
- BROAD ARROW (PSSB)
- DRILL HOLE AND WING (PDHL)
- DUMPY PEG (PDPY)
- GI NAIL (PGIN)
- GI PIPE (PGPI)
- MISCELLANEOUS SURVEY MARK (PPMK)
- NAIL (PNAL)
- PERMANENT MARK (PPMK)
- RM CONCRETE BLOCK (PRMB)
- RTA CONTROL MARK (PCMK)

**E MARK (SURVEY MARKS) CONTINUED**

- SPIKE (PSKI)
- STAR PICKET (PSTA)
- STATE SURVEY MARK (PSSM)
- TRIG STATION-CONCRETE PILLAR (PTSS)
- WATER BOARD PM (PDSM)

**E MISC (MISCELLANEOUS FEATURES)**

- AS5488 QUALITY LEVEL A (PQLA)
- AS5488 QUALITY LEVEL B (PQLB)
- AS5488 QUALITY LEVEL C (PQLC)
- AS5488 QUALITY LEVEL D (PQLD)
- BORE HOLE (PBHX)
- CAMERA - FLASH UNIT (PCFU)
- CHECK STRING (QQ)
- FEATURE ATTRIBUTE (PFAT)
- GATIC COVER LID (PGAT)
- GOLF COURSE (OG)
- HIGH PRESSURE OIL PIPELINE (HO)
- HIGH PRESSURE OIL PIPELINE MARK (POHM)
- JOIN LINE (BOUNDARY) (JL)
- MX BREAK STRINGS (PBRK)
- PARK OR OPEN SPACE (OP)
- PETROL PUMP (PPET)
- PHOTO PICTURE (PPIC)
- POT HOLE - NULL LEVEL (PHNL)
- POT HOLE - WITH RL (PHRL)
- RED LIGHT-SPEED-TRAFFIC CAMERA (PCAM)
- SEISMIC LINE (SL)
- SEISMIC TEST SHOT (PSTS)
- SERVICE-JUNCTION BOX (US)
- STOCK GRID (SG)
- STOCKPILE (OH)
- TEST PIT (PGE0)
- UNDERGROUND TANK (UT)
- UNDERGROUND TANK POINT (PUTP)
- UNIDENTIFIED POLE (PUTP)
- UNIDENTIFIED SERVICE (PUSR)

**E RAIL (RAIL FEATURES)**

- RAILWAY CONTROL BOX (PRBX)
- RAILWAY FORMATION EDGE (RF)
- RAILWAY RAMP (RR)
- RAILWAY SIGNAL (PRSG)
- RAILWAY SIGNAL TROUGH (RS)
- RAILWAY SIGNAL TROUGH - POINT (PRCC)
- RAILWAY STANCHION (PSTR)
- RAILWAY TRACK CENTRE (RT)

**E RAIL (RAIL FEATURES) CONTINUED**

- RAILWAY TRACK MONUMENT (PRTM)
- TOP OF RAIL (RA)
- TOP OF RAIL - POINT (PRAL)
- TOP OF RAILWAY PLATFORM (RP)

**E ROAD (ROAD FEATURES)**

- BACK OF KERB (BK)
- CENTRE OF ROAD (RC)
- DRIVEWAY (DW)
- EDGE OF FORMATION (EJ)
- EDGE OF MEDIAN (EM)
- EDGE OF PAVEMENT (EP)
- EDGE OF TRACK (EK)
- EDGE OF UNSEALED ROAD (UR)
- FOOTPATH (FP)
- GUTTER FLOW LINE (FI)
- LIP LINE (LP)
- OFFSET CROWN-CROWN (OF)
- PRAM RAMP (KR)
- SAFETY BARRIER GUARD FENCE (FG)
- SAFETY BARRIER TYPE F (KJ)
- SAFETY BARRIER WIRE ROPE (FW)
- TOP OF KERB (KB)
- TOP OF MEDIAN (TM)
- VEHICULAR TRACK EDGE (VT)

**E SEWR (SEWER FEATURES)**

- HOUSE CONNECTION (SY)
- LAMPHOLE (PSLH)
- MAIN (SM)
- MAIN - DIGITISED (SZ)
- MANHOLE COVER (PSMH)
- SEPTIC TANK (ST)
- SEWAGE POND (SP)
- VENT PIPE (PSVP)

**E STNS (SURVEY CONTROL 4D STRINGS)**

- AP-DH-GI PIPE OR RMCB (PSSD)
- BOLT-DUMPY-NAIL-SPIKE (PSSE)
- DEFAULT MX SURVEY MARK (PSSA)
- PEG (PSSC)
- PM SSM OR CONTROL MARK (PSSG)
- TRIG STATION (PSSF)

**E TEXT**

- Text 1 ORANGE (\*1)
- Text 2 BLACK (\*2)
- Text 3 RED (\*3)
- Text 4 BLUE (\*4)
- Text 5 GREEN (\*5)
- Text 7 CYAN (\*7)

**E TOPO (TOPOGRAPHIC)**

- BOTTOM OF BANK (BB)
- BREAKLINE OR RIDGE (NB)
- CLIFF-ESCARPMENT (VC)
- CULTIVATION PASTURE (JC)
- EDGE OF GARDEN (EG)
- FORD (FO)
- GRASSLAND (JG)
- LAKE (WL)
- LANDSLIDE-ERODED BANK (VL)
- NATURAL SURFACE (NS)
- NATURAL SURFACE POINT (PNSS)
- ORCHARD (JO)
- RESERVOIR (RE)
- RIVER OR CREEK EDGE (WR)
- ROCK AREA (JR)
- SPOT HEIGHT (PSHT)
- SWAMP OUTLINE (JW)
- SWAMP-MARSH (PSWA)
- TIMBER OR SCRUB (DENSE) (JD)
- TIMBER OR SCRUB (MEDIUM) (JM)
- TIMBER OR SCRUB (SCATTERED) (JS)
- TOP OF BANK (TC)
- TOP OF CUTTING (CU)

**TREE FOILAGE (TR)**

- TREE FOILAGE - 1m SPREAD (PF01)
- TREE FOILAGE - 2m SPREAD (PF02)
- TREE FOILAGE - 3m SPREAD (PF03)
- TREE FOILAGE - 4m SPREAD (PF04)
- TREE FOILAGE - 5m SPREAD (PF05)
- TREE FOILAGE - 6m SPREAD (PF06)

**E TOPO (TOPOGRAPHIC) CONTINUED**

- TREE FOILAGE - 7m SPREAD (PF07)
- TREE FOILAGE - 8m SPREAD (PF08)
- TREE FOILAGE - 9m SPREAD (PF09)
- TREE FOILAGE - 10m SPREAD (PF10)
- TREE FOILAGE - 12m SPREAD (PF12)
- TREE FOILAGE - 15m SPREAD (PF15)
- TREE TRUNK - 100mm DIA (PT01)
- TREE TRUNK - 200mm DIA (PT02)
- TREE TRUNK - 300mm DIA (PT03)
- TREE TRUNK - 400mm DIA (PT04)
- TREE TRUNK - 500mm DIA (PT05)
- TREE TRUNK - 600mm DIA (PT06)
- TREE TRUNK - 700mm DIA (PT07)
- TREE TRUNK - 800mm DIA (PT08)
- TREE TRUNK - 900mm DIA (PT09)
- TREE TRUNK - 1000mm DIA (PT10)
- TREE TRUNK - 1200mm DIA (PT12)
- TREE TRUNK - 1500mm DIA (PT15)
- TREE TRUNK - UNSPECIFIED DIAMETER (PTRE)
- WATER EDGE-LEVEL (WE)

**E TSIG (TRAFFIC SIGNALS)**

- SIGNAL DETECTOR (SD)
- TRAFFIC CONTROL SIGNAL (PSGL)
- TRAFFIC LIGHT WITH OUTREACH (TO)
- TRAFFIC SIGNAL CONTROLLER (PSCL)
- TRAFFIC SIGNAL DETECTOR (PSDR)
- TRAFFIC SIGNAL JUNCTION BOX (PSJX)

**E WATR (WATER SERVICES FEATURES)**

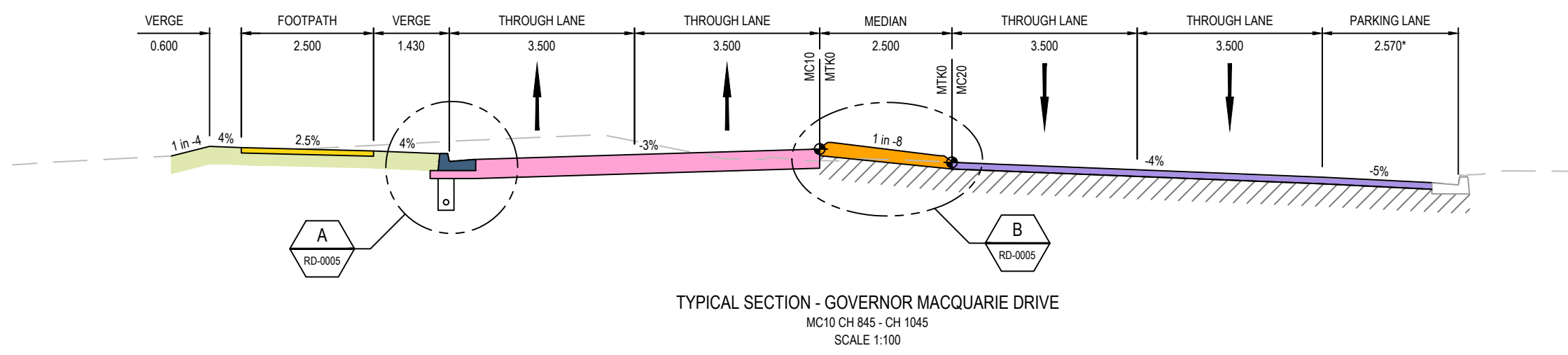
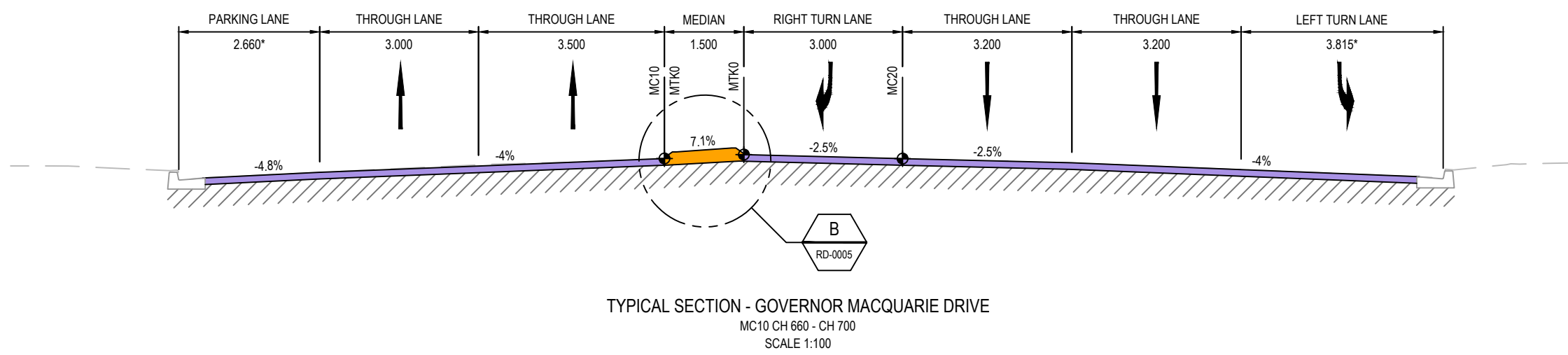
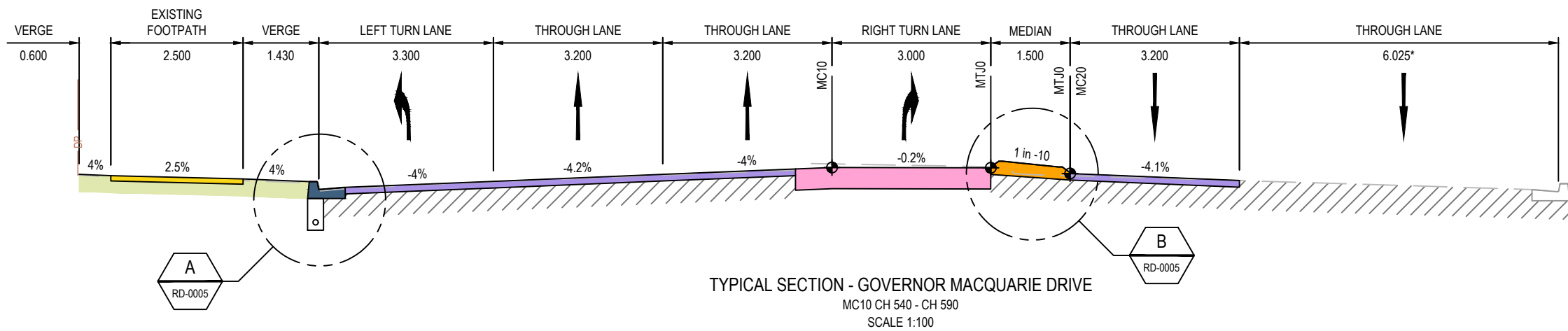
- AIR VALUE (PWAV)
- AIR VALUE - RECYCLED (PRAV)
- EARTH TERMINAL (PWET)
- EARTH TERMINAL-RECYCLED (PRET)
- FIRE HYDRANT (PWFB)
- HOUSE CONNECTION (WY)
- HYDRANT (PWHY)
- HYDRANT - RECYCLED (PRHY)
- MAIN (WM)
- MAIN - DIGITISED (WZ)
- MAIN - RECYCLED (RM)
- MAIN MARKER (PWMM)
- MAIN MARKER - RECYCLED (PRMM)
- METER (PWMR)
- METER - RECYCLED (PRMR)
- OVERHEAD PIPELINE (UO)
- STOP VALVE (PWSV)
- STOP VALVE - RECYCLED (PRSV)
- TAP (PWTP)
- TAP - RECYCLED (PRTP)
- UNIDENTIFIED PIPELINE (UP)

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DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-GE-0032.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12\GOVERNOR MACQUARIE DRIVE\DESIGN	PLOT DATE / TIME 12/5/2022 10:20 AM	PLOT BY jacobj	CLIENT LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON GENERAL SURVEY FEATURES LEGEND - SHEET 2	PART A3
EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	
ISSUE STATUS DETAILED DESIGN		EDMS No. -	SHEET No. GE-0032	DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22		DESIGN PROJECT No. <b>300312</b>	
ISSUE No. -		ISSUE No. 0		© Roads and Maritime Services			

- LEGEND**
- PAVEMENT OVERLAY TO BE CONSTRUCTED
  - FULL DEPTH PAVEMENT TO BE CONSTRUCTED
  - KERBS TO BE CONSTRUCTED
  - CONCRETE MEDIAN TO BE CONSTRUCTED
  - FOOTPATHS TO BE CONSTRUCTED
  - VERGE / EMBANKMENT TO BE CONSTRUCTED
  - EXISTING PAVEMENT
  - DP OVERLAY BOUNDARY

**NOTES**  
 VERGES TO BE TOP SOILED AND TURFED IN ACCORDANCE WITH LCC SPECIFICATIONS  
 \* LANE WIDTH VARIES DEPENDING ON ALIGNMENT OF EXISTING KERB



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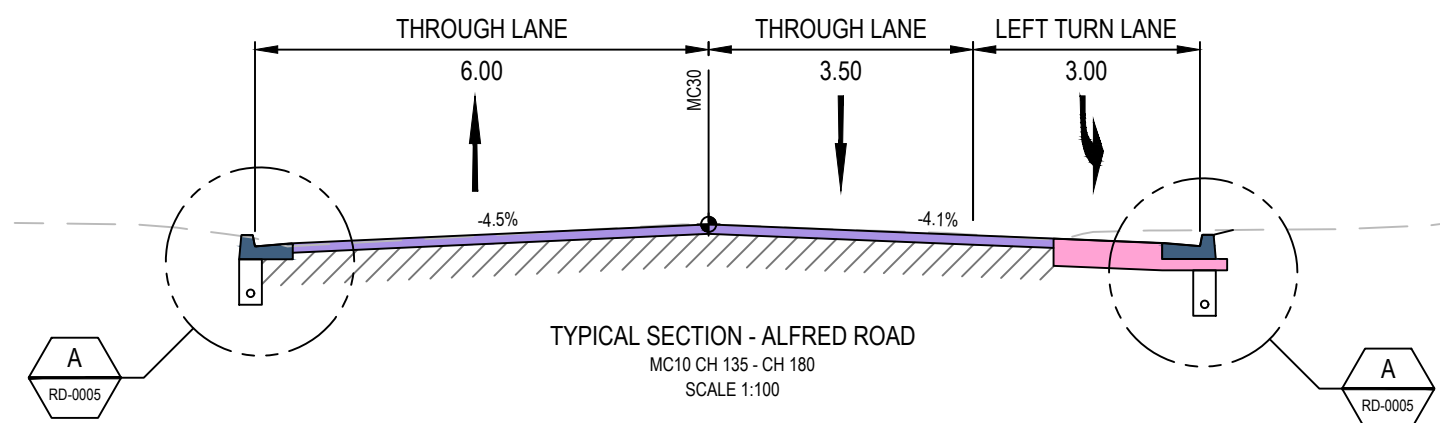
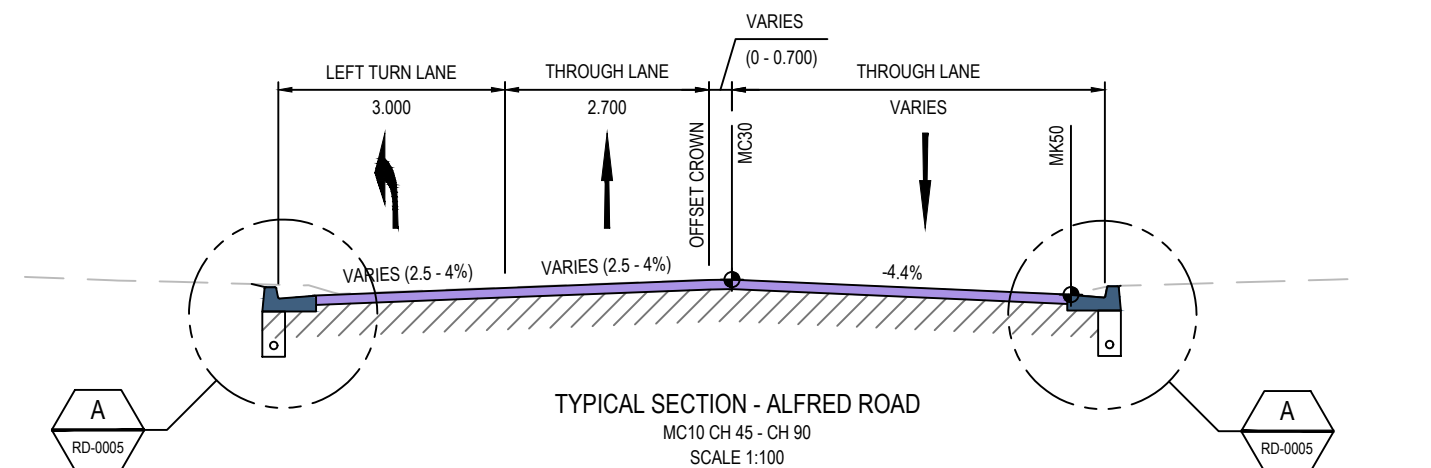
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	ISSUE STATUS DETAILED DESIGN
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SCALES ON A3 SIZE DRAWING HORIZONTAL SCALE 1:200m			DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN
					DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22		SHEET No. RD-0001
					ISSUE 0		© Roads and Maritime Services

**LEGEND**

- PAVEMENT OVERLAY TO BE CONSTRUCTED
- FULL DEPTH PAVEMENT TO BE CONSTRUCTED
- KERBS TO BE CONSTRUCTED
- CONCRETE MEDIAN TO BE CONSTRUCTED
- FOOTPATHS TO BE CONSTRUCTED
- VERGE / EMBANKMENT TO BE CONSTRUCTED
- EXISTING PAVEMENT
- DP OVERLAY BOUNDARY

**NOTES**

VERGES TO BE TOP SOILED AND TURFED IN ACCORDANCE WITH LCC SPECIFICATIONS

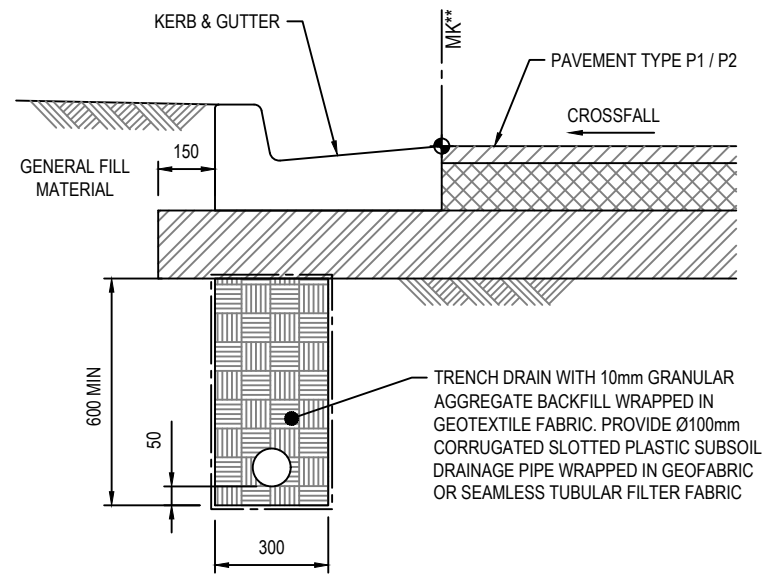


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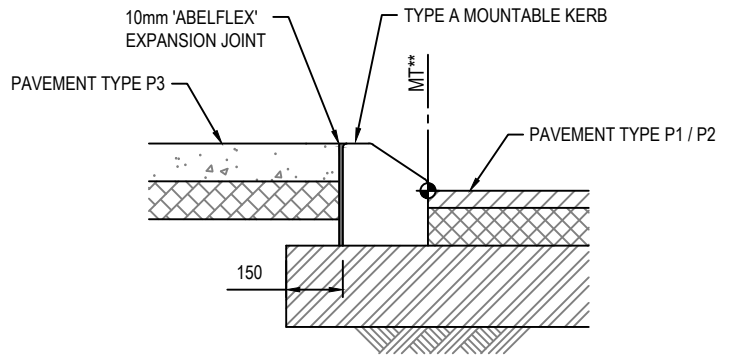
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE		
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x_LABELS								DATE		
x_DESIGN								DRAWN J.JACKSON 05.12.22		
x_SURVEY								DRG CHECK I.BROWN 05.12.22		
x_DRAINAGE								DESIGN N.WALL 05.12.22		
x_UTILITIES								DESIGN CHECK I.BROWN 05.12.22		
								DESIGN MNGR I.BROWN 05.12.22		
								PROJECT MNGR I.BROWN 05.12.22		
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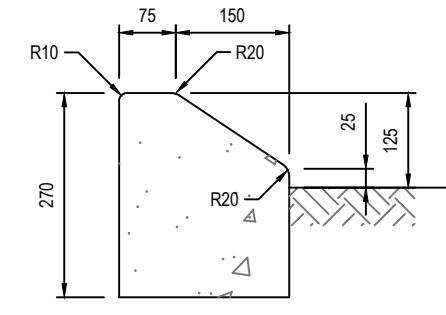




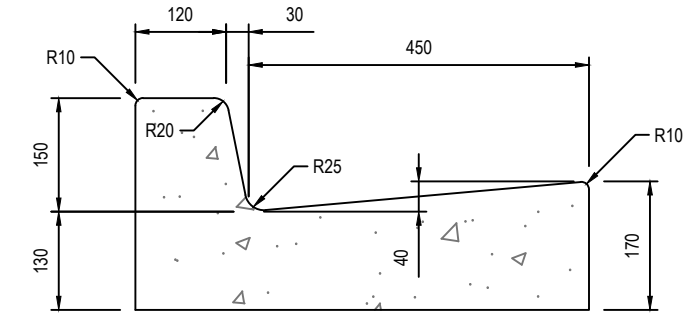
DETAIL A  
SCALE 1:20  
RD-0001 RD-0002



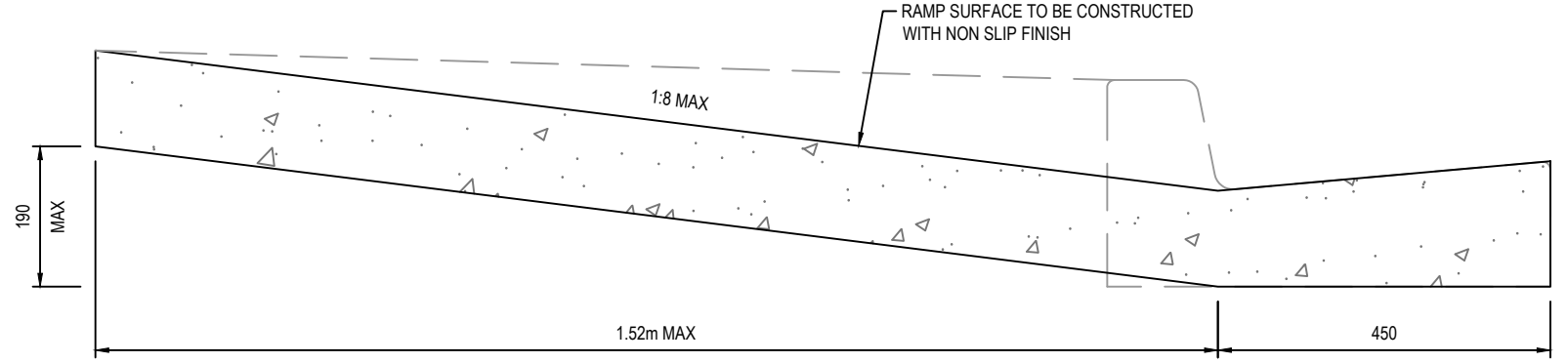
DETAIL B  
SCALE 1:20  
RD-0001 RD-0002



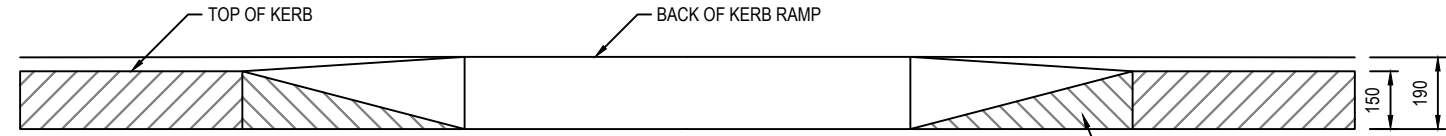
TYPE A MOUNTABLE KERB  
SCALE 1:10



KERB & GUTTER  
SCALE 1:10



KERB RAMP - SIDE VIEW  
NOT TO SCALE



KERB RAMP - FRONT VIEW  
NOT TO SCALE

NOTES:-



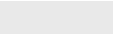

1. FOR ADDITIONAL KERB DETAILS, REFER LIVERPOOL CITY COUNCIL STANDARD DRAWING No. R2
2. FOR PAVEMENT DETAILS, REFER PV SERIES DRAWINGS
3. ALL KERB RAMPS TO BE CONSTRUCTED 2.5m WIDE (UNLESS SPECIFIED DIFFERENTLY ON PLAN) IN ACCORDANCE WITH LIVERPOOL CITY COUNCIL STANDARD DRAWINGS R17 & R23.
4. SETOUT INFORMATION IS TO BE VERIFIED BY THE CONTRACTOR AGAINST THE PLAN VIEW, LONGITUDINAL SECTIONS & ELECTRONIC 12D DATA BEFORE BEING USED. IF THERE IS A DISCREPANCY, THE SUPERINTENDENT IS TO BE NOTIFIED AND DIRECTION WILL BE PROVIDED IN WRITING BEFORE PROCEEDING.

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED FROM A 50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

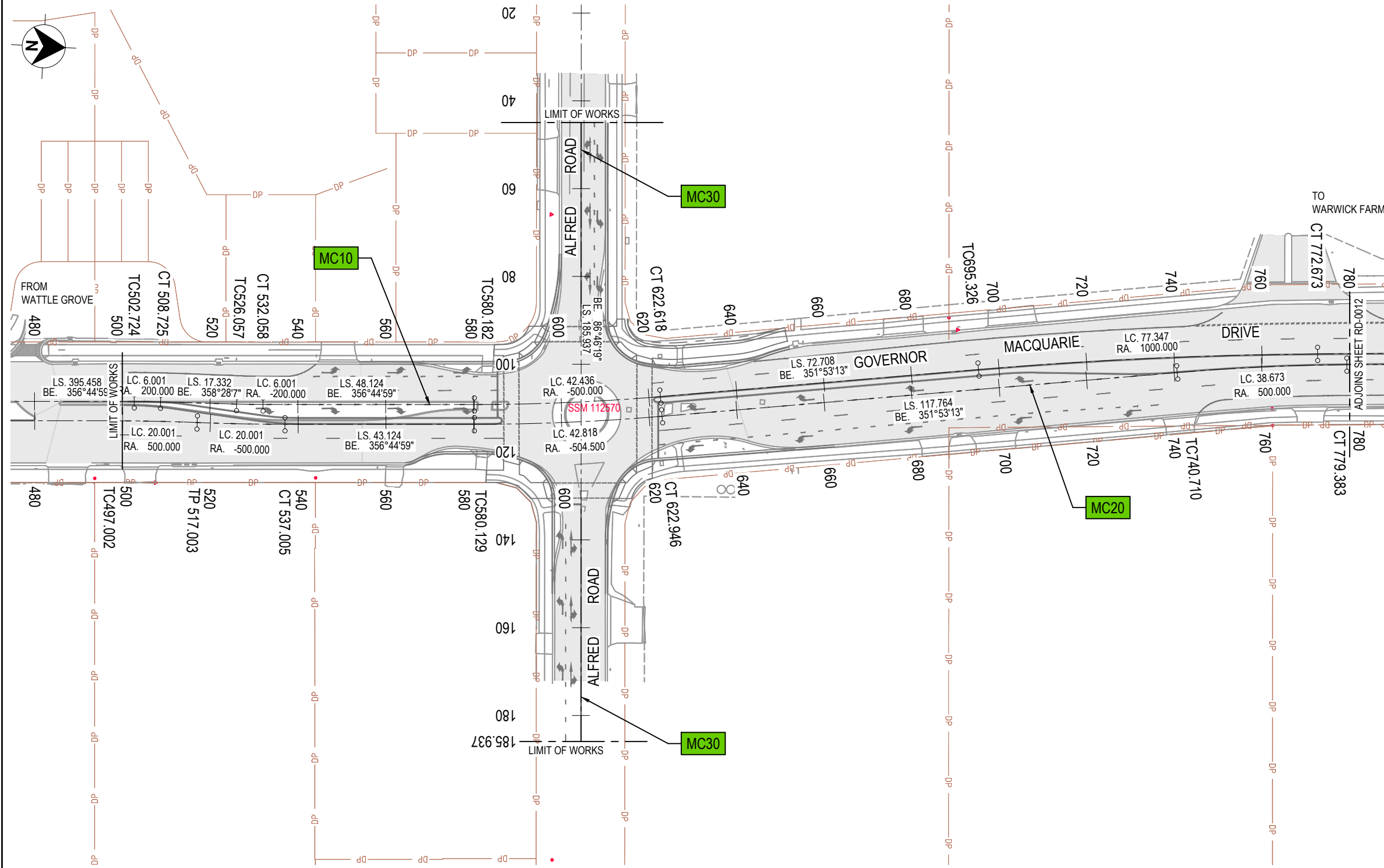
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	PART -
SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY		TITLE		
0 100 200 300 400 HORIZONTAL SCALE 1:10mm			COMPANY NAME / LOGO		DRAWN J.JACKSON 05.12.22		
0 200 400 600 800 HORIZONTAL SCALE 1:20mm			 Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		DESIGN N.WALL 05.12.22		
CO-ORDINATE SYSTEM MGA ZONE 56					DESIGN CHECK I.BROWN 05.12.22		
HEIGHT DATUM AHD			DESIGN MNGR I.BROWN 05.12.22			ISSUE STATUS DETAILED DESIGN	
			PROJECT MNGR I.BROWN 05.12.22			EDMS No. -	
						SHEET No. RD-0005	
						ISSUE 0	

**LEGEND**

-  DP OVERLAY BOUNDARY
-  CONTROL ALIGNMENT LABEL
-  EXISTING ROAD PAVEMENT
-  SURVEY MARKS

**NOTES**



1. CONTRACTOR TO VERIFY SETOUT PRIOR TO COMMENCING CONSTRUCTION. REFER ANY DISCREPANCIES TO THE ENGINEER.
2. REFER TO SHEET RD-0013 FOR ALIGNMENT SCHEDULES.
3. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES THAT MAY AFFECT THE SURVEY INFRASTRUCTURE, CONTACT THE NSW DEPARTMENT OF LAND AND PROPERTY INFORMATION TO OBTAIN THE SURVEYOR GENERAL'S AUTHORITY. COMPLY WITH SURVEYOR GENERAL'S DIRECTIONS NO.11 "PRESERVATION OF SURVEY INFRASTRUCTURE". PERMANENT SURVEY & CADASTRAL REFERENCE MARKS ARE PROTECTED UNDER SECTION 24 OF THE SURVEYING AND SPATIAL INFORMATION ACT. REFER TO AN APPLICATION UNDER SECTION 88 OF THE SURVEYING AND SPATIAL INFORMATION REGULATION FOR THE PROCESS TO REMOVE OR OBLITERATE MARKS.

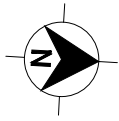


PLAN  
SCALE 1:1000

**NOT FOR CONSTRUCTION**

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x_SHT	REV	DATE	AMENDMENT / REVISION DESCRIPTION		COMPANY NAME / LOGO		TITLE			NAME	DATE
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x_DESIGN					CO-ORDINATE SYSTEM MGA ZONE 56		DRG CHECK	I.BROWN	05.12.22		
x_SURVEY					HEIGHT DATUM AHD		DESIGN	N.WALL	05.12.22		
x_DRAINAGE							DESIGN CHECK	I.BROWN	05.12.22		
x_UTILITIES							DESIGN MNGR	I.BROWN	05.12.22		
								PROJECT MNGR I.BROWN			
DESIGN PROJECT No. <b>300312</b>								PART	-		
ISSUE STATUS DETAILED DESIGN								EDMS No.	-		
SHEET No. RD-0011								ISSUE	0		

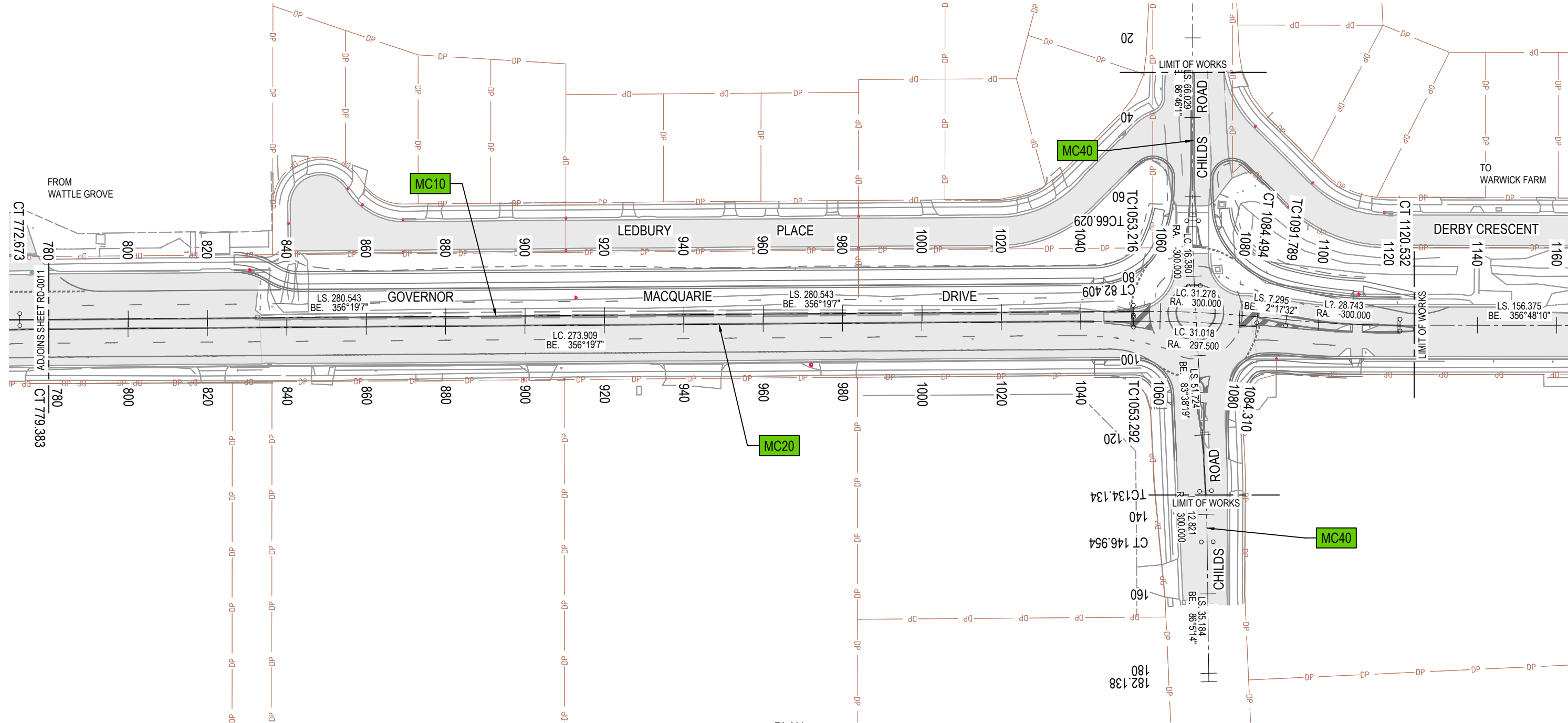


**NOTES**

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**LEGEND**

- DP — DP OVERLAY BOUNDARY
- MC10 CONTROL ALIGNMENT LABEL
- △ R004 80.443 SURVEY MARKS



PLAN  
SCALE 1:1000

**NOT FOR CONSTRUCTION**

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	PART -
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES			CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		ISSUE STATUS DETAILED DESIGN
EDMS No. -			SHEET No. RD-0012		ISSUE 0		© Roads and Maritime Services

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50mm ON A3 SIZE ORIGINAL



MC10 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311649.538	6243889.817	356°44'58.59"	LINE		73.700
TC	73.700	311645.359	6243963.399	356°44'58.59"	ARC	50.000	3.494
CT	77.194	311645.283	6243966.891	0°45'13.61"	LINE		26.578
TC	103.772	311645.633	6243993.467	0°45'13.61"	ARC	-50.000	3.494
CT	107.266	311645.557	6243996.959	356°44'58.59"	LINE		395.458
TC	502.724	311623.134	6244391.781	356°44'58.59"	ARC	200.000	6.001
CT	508.725	311622.884	6244397.777	358°28'07.46"	LINE		17.332
TC	526.057	311622.421	6244415.103	358°28'07.46"	ARC	-200.000	6.001
CT	532.058	311622.171	6244421.098	356°44'58.59"	LINE		48.124
TC	580.182	311619.442	6244469.145	356°44'58.59"	ARC	-500.000	42.436
CT	622.618	311615.242	6244511.359	351°53'12.58"	LINE		72.708
TC	695.326	311604.981	6244583.340	351°53'12.58"	ARC	1000.000	77.347
CT	772.673	311597.036	6244660.258	356°19'06.52"	LINE		280.543
TC	1053.216	311579.022	6244940.222	356°19'06.52"	ARC	300.000	31.278
CT	1084.494	311578.643	6244971.484	2°17'31.99"	LINE		7.295
TC	1091.789	311578.935	6244978.773	2°17'31.99"	ARC	-300.000	28.743
CT	1120.532	311578.708	6245007.504	356°48'09.72"	LINE		156.375
TC	1276.907	311569.986	6245163.636	356°48'09.72"	ARC	-210.000	328.564
CT	1605.471	311349.902	6245361.665	267°09'30.18"	LINE		441.851
TC	2047.322	310908.595	6245339.760	267°09'30.18"	ARC	-500.000	34.679
CT	2082.001	310874.046	6245336.842	263°11'04.06"	LINE		101.606
E	2183.607	310773.157	6245324.784	263°11'04.06"			

MC20 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311655.029	6243890.129	356°44'58.59"	LINE		72.260
TC	72.260	311650.932	6243962.273	356°44'58.59"	ARC	100.000	3.332
CT	75.592	311650.799	6243965.602	358°39'31.53"	LINE		26.684
TC	102.277	311650.174	6243992.279	358°39'31.53"	ARC	-100.000	3.332
CT	105.609	311650.041	6243995.609	356°44'58.59"	LINE		391.393
TC	497.002	311627.849	6244386.372	356°44'58.59"	ARC	500.000	20.001
CC	517.003	311627.114	6244406.359	359°02'29.73"	ARC	-500.000	20.001
CT	537.005	311626.380	6244426.345	356°44'58.59"	LINE		43.124
TC	580.129	311623.935	6244469.400	356°44'58.59"	ARC	-504.500	42.818
CT	622.946	311619.697	6244511.994	351°53'12.58"	LINE		117.764
TC	740.710	311603.077	6244628.579	351°53'12.58"	ARC	500.000	38.673
CT	779.383	311599.105	6244667.038	356°19'06.52"	LINE		273.909
TC	1053.292	311581.517	6244940.382	356°19'06.52"	ARC	297.500	31.018
E	1084.310	311581.141	6244971.384	2°17'31.99"			

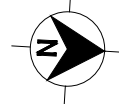
MC30 HORIZONTAL SEGMENTS						
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.LEN
S	0.000	311509.062	6244487.291	86°46'19.21"	LINE	185.937
E	185.937	311694.703	6244497.760	86°46'19.21"		

MC40 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311489.514	6244950.120	86°46'01.35"	LINE		66.029
TC	66.029	311555.437	6244953.844	86°46'01.35"	ARC	-300.000	16.380
CT	82.409	311571.758	6244955.213	83°38'19.00"	LINE		51.724
TC	134.134	311623.164	6244960.944	83°38'19.00"	ARC	300.000	12.821
CT	146.954	311635.933	6244962.092	86°05'13.98"	LINE		35.184
E	182.138	311671.035	6244964.493	86°05'13.98"			

NOT FOR CONSTRUCTION

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x_LABELS								DRG CHECK	I.BROWN	05.12.22		
x_DESIGN								DESIGN	N.WALL	05.12.22		
x_SURVEY								DESIGN CHECK	I.BROWN	05.12.22		
x_DRAINAGE								DESIGN MNGR	I.BROWN	05.12.22		
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CO-ORDINATE SYSTEM MGA ZONE 56							HEIGHT DATUM AHD					
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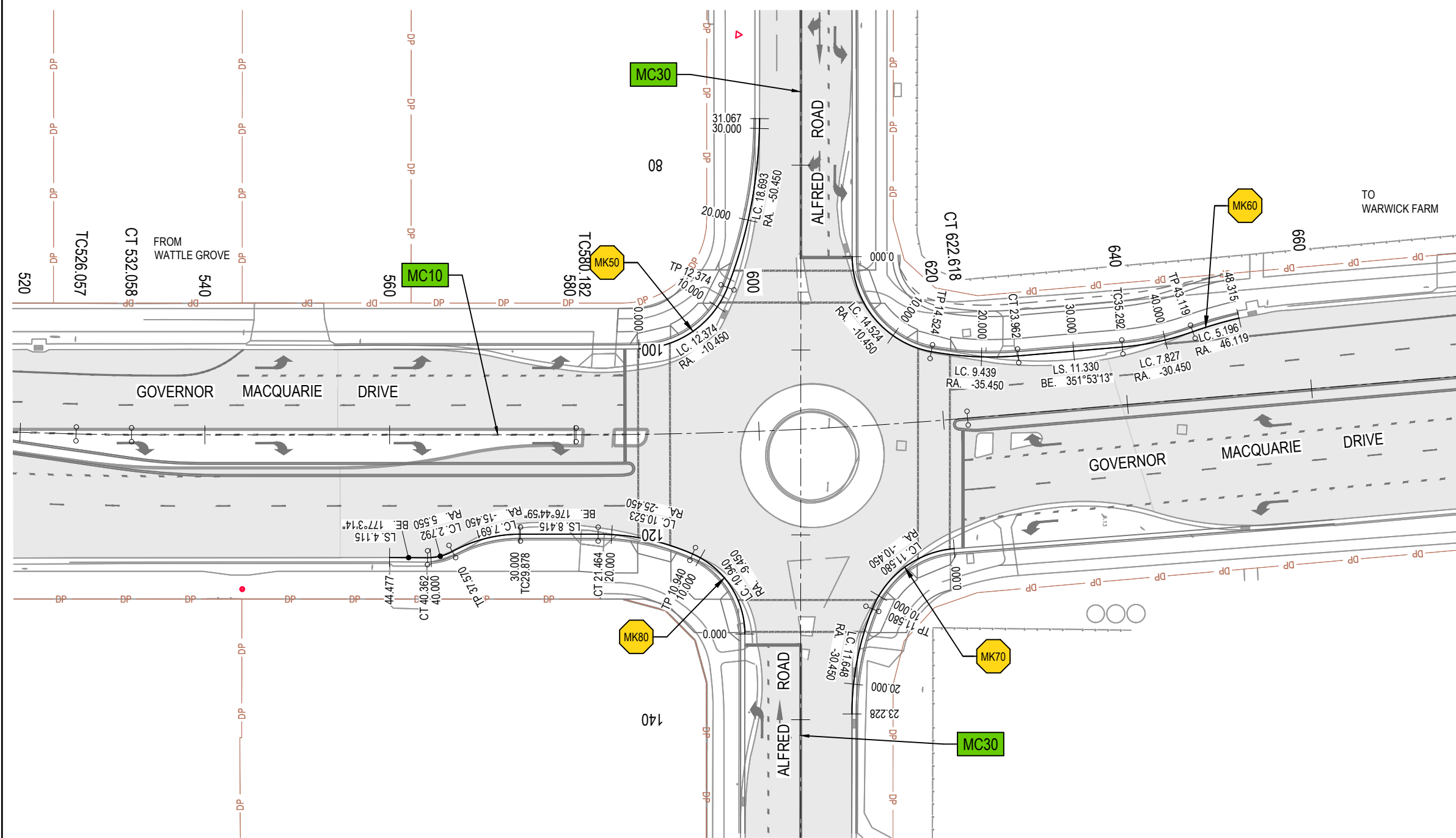


**LEGEND**

- DP— DP OVERLAY BOUNDARY
- — — CONTROL ALIGNMENT
- MC10 CONTROL ALIGNMENT LABEL
- MK40 KERB RETURN ALIGNMENT LABEL
- EXISTING ROAD PAVEMENT
- △ R004  
80.443 SURVEY MARKS

**NOTES**

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**PLAN**  
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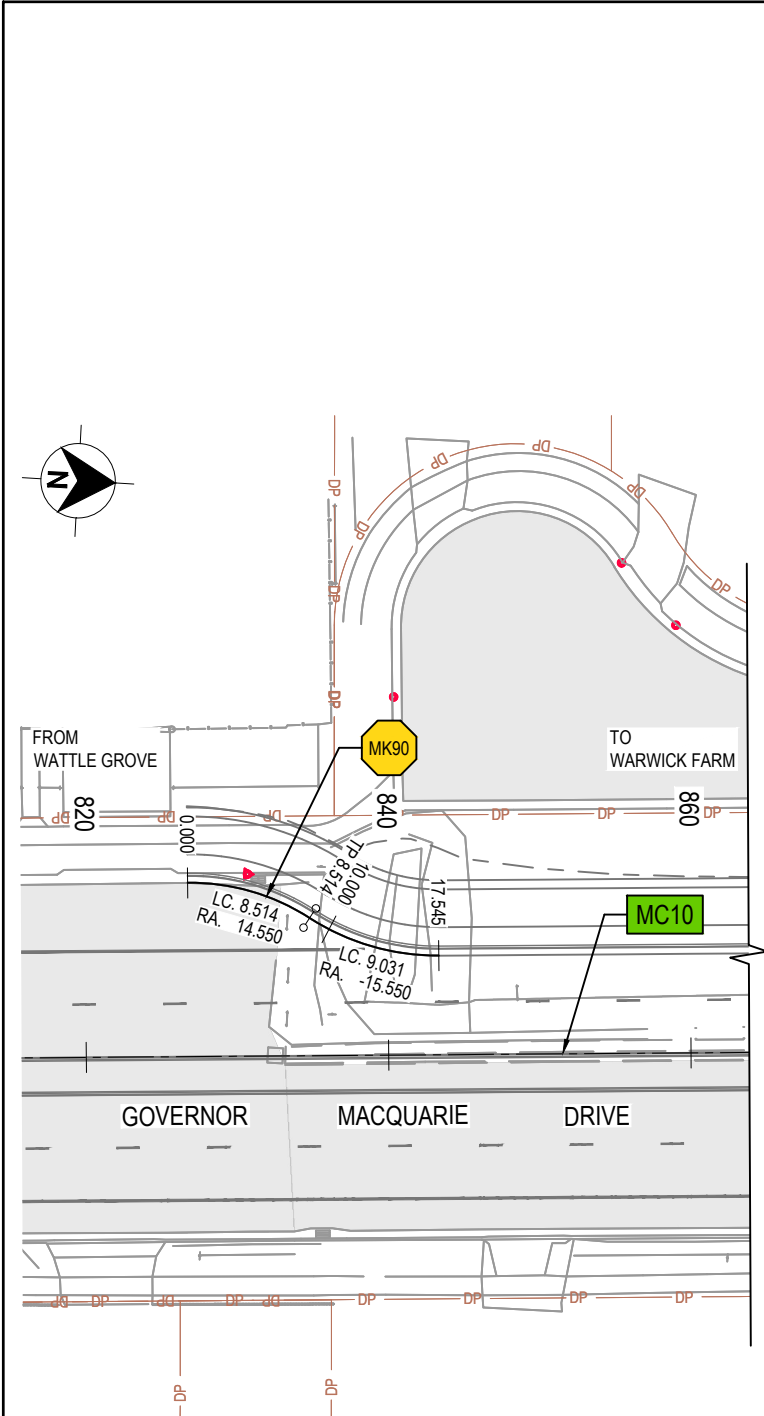
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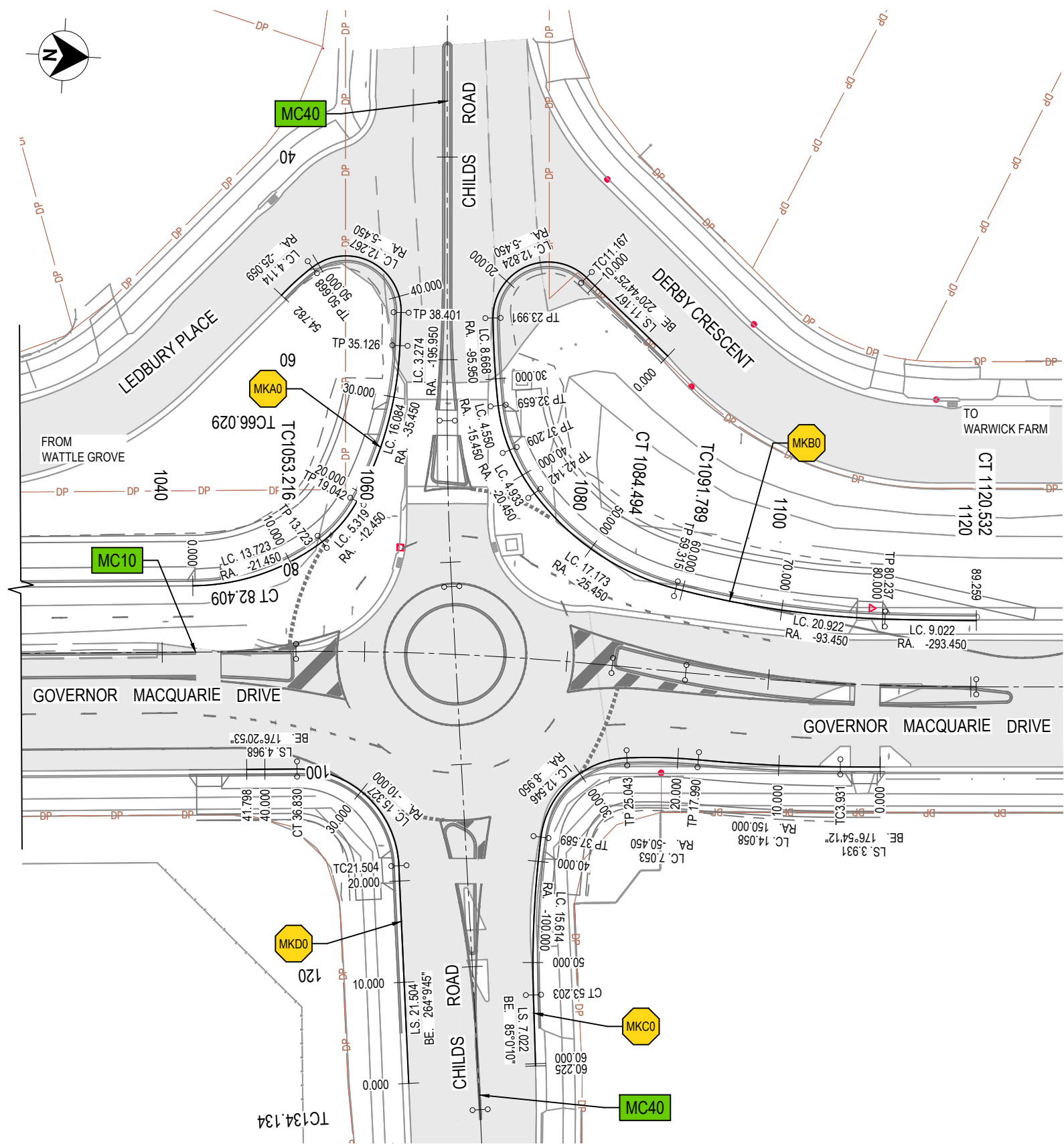
50mm ON A3 SIZE ORIGINAL

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EXTERNAL REFERENCE FILES		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>TITLE</th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>J.JACKSON</td> <td>05.12.22</td> </tr> <tr> <td>DRG CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN</td> <td>N.WALL</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>PROJECT MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> </tbody> </table>		TITLE	NAME	DATE	DRAWN	J.JACKSON	05.12.22	DRG CHECK	I.BROWN	05.12.22	DESIGN	N.WALL	05.12.22	DESIGN CHECK	I.BROWN	05.12.22	DESIGN MNGR	I.BROWN	05.12.22	PROJECT MNGR	I.BROWN	05.12.22
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>AMENDMENT / REVISION DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>05.12.22</td> <td>DETAILED DESIGN - ISSUED FOR REVIEW</td> </tr> </tbody> </table>		REV	DATE	AMENDMENT / REVISION DESCRIPTION	0	05.12.22	DETAILED DESIGN - ISSUED FOR REVIEW	<p>HORIZONTAL SCALE 1:500m</p>		<p>Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398</p>				DESIGN PROJECT No. <b>300312</b>	ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RD-0021	ISSUE 0												
REV	DATE	AMENDMENT / REVISION DESCRIPTION																												
0	05.12.22	DETAILED DESIGN - ISSUED FOR REVIEW																												
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PLAN  
SCALE 1:500



PLAN  
SCALE 1:500

- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT
  - MC10 CONTROL ALIGNMENT LABEL
  - MK40 KERB RETURN ALIGNMENT LABEL
  - EXISTING ROAD PAVEMENT
  - R004 80.443 SURVEY MARKS

- NOTES**
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL		ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RD-0022
SHT LABELS DESIGN SURVEY DRAINAGE UTILITIES			SCALES ON A3 SIZE DRAWING  HORIZONTAL SCALE 1:500m CO-ORDINATE SYSTEM MGA ZONE 56	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR	NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22	PART - ISSUE 0

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

MK50 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311609.774	6244475.414	288°06'40.76"	ARC	-10.450	12.374
CC	12.374	311602.598	6244484.609	288°06'40.76"	ARC	-50.450	18.693
E	31.067	311584.171	6244487.034	266°52'55.05"			

MK60 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311598.504	6244497.894	7°08'30.34"	ARC	-10.450	14.524
CC	14.524	311608.285	6244507.028	7°08'30.34"	ARC	-35.450	9.439
CT	23.962	311608.205	6244516.438	351°53'12.58"	LINE		11.330
TC	35.292	311606.606	6244527.655	351°53'12.58"	ARC	-30.450	7.827
CC	43.119	311604.523	6244535.177	337°09'33.37"	ARC	46.119	5.196
E	48.315	311602.780	6244540.069	343°36'52.34"			

MK70 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311629.418	6244510.714	108°41'18.06"	ARC	-10.450	11.580
CC	11.580	311636.423	6244502.236	108°41'18.06"	ARC	-30.450	11.648
E	23.228	311647.894	6244500.679	86°46'19.21"			

MK80 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311639.923	6244488.611	200°26'28.10"	ARC	-9.450	10.940
CC	10.940	311631.601	6244482.477	200°26'28.10"	ARC	-25.450	10.523
CT	21.464	311630.039	6244472.145	176°44'58.59"	LINE		8.415
TC	29.878	311630.516	6244463.744	176°44'58.59"	ARC	-15.450	7.691
CC	37.570	311632.807	6244456.485	148°13'37.04"	ARC	5.550	2.792
CT	40.362	311633.631	6244453.848	177°03'14.16"	LINE		4.115
E	44.477	311633.842	6244449.739	177°03'14.16"			

MK90 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311582.100	6244713.521	29°35'37.94"	ARC	14.550	8.514
CC	8.514	311583.964	6244721.705	29°35'37.94"	ARC	-15.550	9.031
E	17.545	311585.960	6244730.382	356°19'06.52"			


MKA0 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311573.137	6244929.677	319°39'41.16"	ARC	-21.450	13.723
CC	13.723	311568.081	6244942.184	319°39'41.16"	ARC	-12.450	5.319
CC	19.042	311563.889	6244945.392	295°11'06.40"	ARC	-35.450	16.084
CC	35.126	311548.302	6244948.758	269°11'20.49"	ARC	-195.950	3.274
CC	38.401	311545.028	6244948.684	268°13'53.72"	ARC	-5.450	12.267
CC	50.668	311541.067	6244939.681	139°15'53.87"	ARC	-25.059	4.114
E	54.782	311543.995	6244936.797	129°51'33.11"			

MKB0 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311547.833	6244975.229	220°44'25.01"	LINE		11.167
TC	11.167	311540.545	6244966.768	220°44'25.01"	ARC	-5.450	12.824
CC	23.991	311545.062	6244957.775	85°55'25.36"	ARC	-95.950	8.668
CC	32.659	311553.668	6244958.781	80°44'52.49"	ARC	-15.450	4.550
CC	37.209	311557.987	6244960.158	63°52'30.18"	ARC	-20.450	4.933
CC	42.142	311562.113	6244962.841	50°03'11.26"	ARC	-25.450	17.173
CC	59.315	311570.721	6244977.325	11°23'31.16"	ARC	-93.450	20.922
CC	80.237	311572.533	6244998.125	358°33'51.15"	ARC	-293.450	9.022
E	89.259	311572.168	6245007.139	356°48'09.72"			

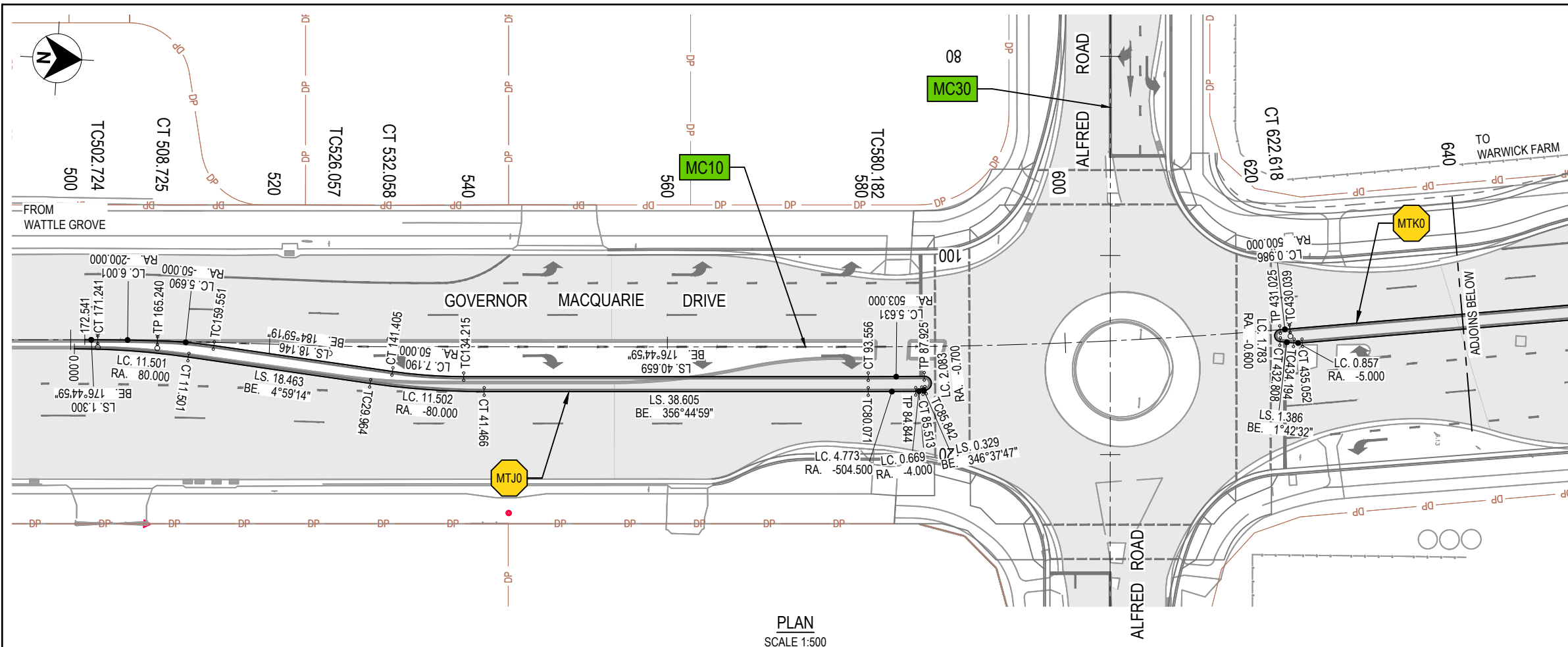
MKC0 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311587.141	6244998.474	176°54'12.42"	LINE		3.931
TC	3.931	311587.353	6244994.549	176°54'12.42"	ARC	150.000	14.058
CC	17.990	311587.454	6244980.496	182°16'24.22"	ARC	-50.450	7.053
CC	25.043	311587.667	6244973.452	174°15'47.77"	ARC	-8.950	12.546
CC	37.589	311595.956	6244965.418	93°56'55.91"	ARC	-100.000	15.614
CT	53.203	311611.554	6244965.560	85°00'09.80"	LINE		7.022
E	60.225	311618.549	6244966.172	85°00'09.80"			

MKD0 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311620.971	6244953.755	264°09'44.58"	LINE		21.504
TC	21.504	311599.579	6244951.567	264°09'44.58"	ARC	-10.000	15.327
CT	36.830	311590.617	6244940.982	176°20'52.64"	LINE		4.968
E	41.798	311590.933	6244936.025	176°20'52.64"			

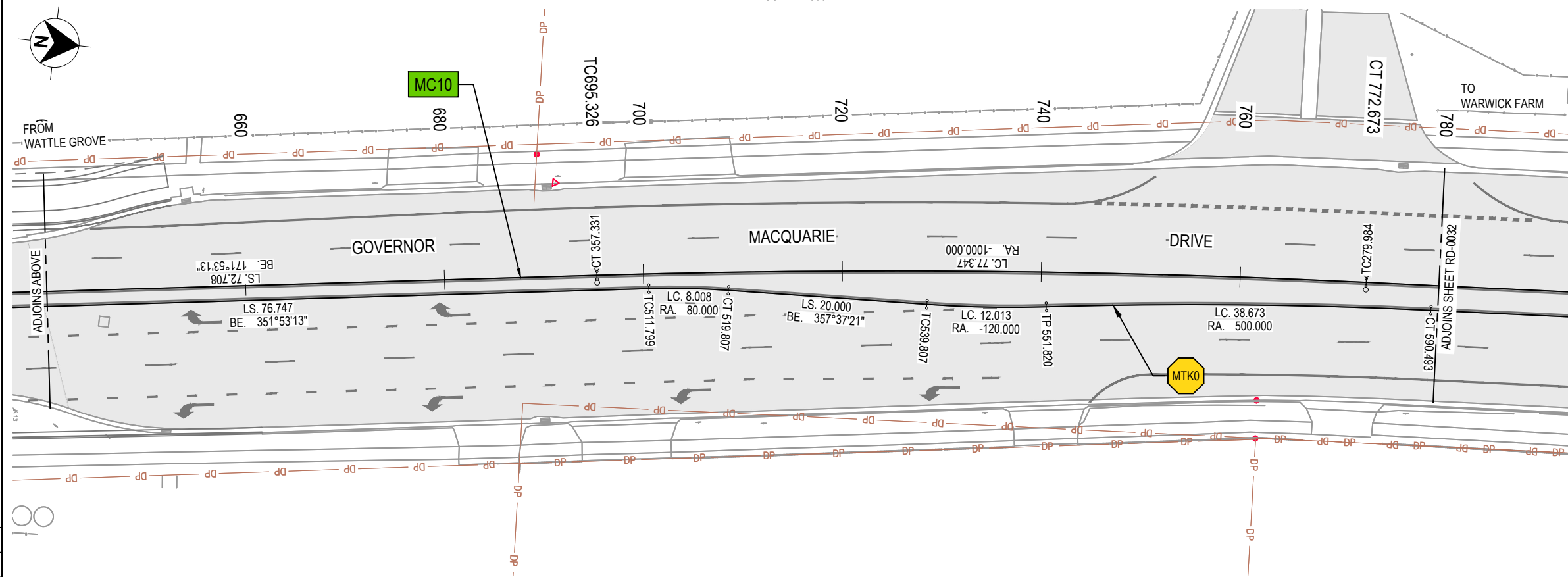
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DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-RD-0023.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12D\GOVERNOR MACQUARIE DRIVE\DESIGN	PLOT DATE / TIME 12/5/2022 10:21 AM	PLOT BY jacobj	CLIENT LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON ROAD ALIGNMENT AND DETAIL KERB ALIGNMENT SCHEDULES	A3		
EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 		
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES						CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD		
TITLE	NAME	DATE	DRAWING CHECKS						
DRAWN	J.JACKSON	05.12.22	DRG CHECK	I.BROWN	05.12.22	DESIGN	N.WALL	05.12.22	
DESIGN CHECK	I.BROWN	05.12.22	DESIGN MNGR	I.BROWN	05.12.22	PROJECT MNGR	I.BROWN	05.12.22	
DESIGN PROJECT No.	300312		ISSUE STATUS	DETAILED DESIGN		EDMS No.	-	SHEET No. RD-0023	ISSUE 0





PLAN  
SCALE 1:500



PLAN  
SCALE 1:500

**LEGEND**

	DP OVERLAY BOUNDARY
	CONTROL ALIGNMENT
	CONTROL ALIGNMENT LABEL
	MEDIAN ISLAND ALIGNMENT LABEL
	EXISTING ROAD PAVEMENT
	SURVEY MARKS

- NOTES**
- CONTRACTOR TO VERIFY SETOUT PRIOR TO COMMENCING CONSTRUCTION. REFER ANY DISCREPANCIES TO THE ENGINEER.
  - REFER TO SHEET RD-0012 FOR MASTER CONTROL ALIGNMENT SCHEDULES, AND SHEET RD-0034 FOR MEDIAN ISLAND ALIGNMENT SCHEDULES.
  - PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES THAT MAY AFFECT THE SURVEY INFRASTRUCTURE, CONTACT THE NSW DEPARTMENT OF LAND AND PROPERTY INFORMATION TO OBTAIN THE SURVEYOR GENERAL'S AUTHORITY. COMPLY WITH SURVEYOR GENERAL'S DIRECTIONS NO.11 "PRESERVATION OF SURVEY INFRASTRUCTURE". PERMANENT SURVEY & CADASTRAL REFERENCE MARKS ARE PROTECTED UNDER SECTION 24 OF THE SURVEYING AND SPATIAL INFORMATION ACT. REFER TO AN APPLICATION UNDER SECTION 88 OF THE SURVEYING AND SPATIAL INFORMATION REGULATION FOR THE PROCESS TO REMOVE OR OBLITERATE MARKS.

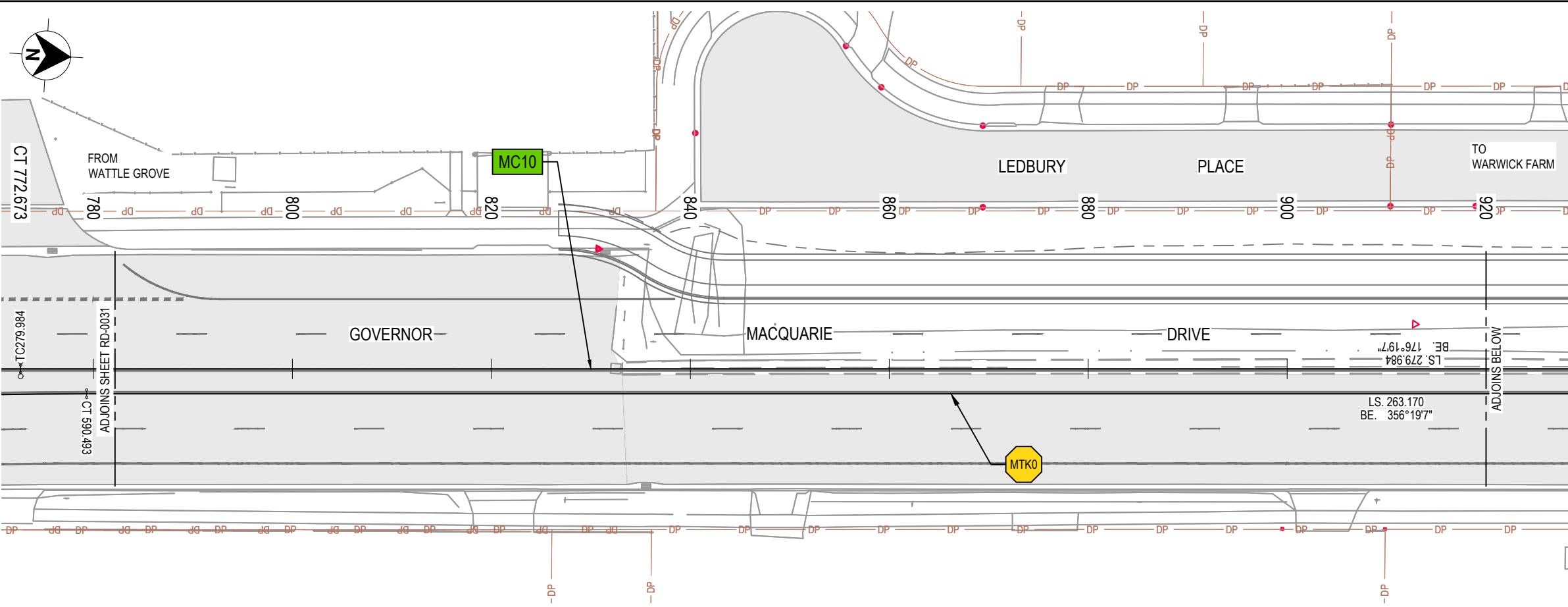
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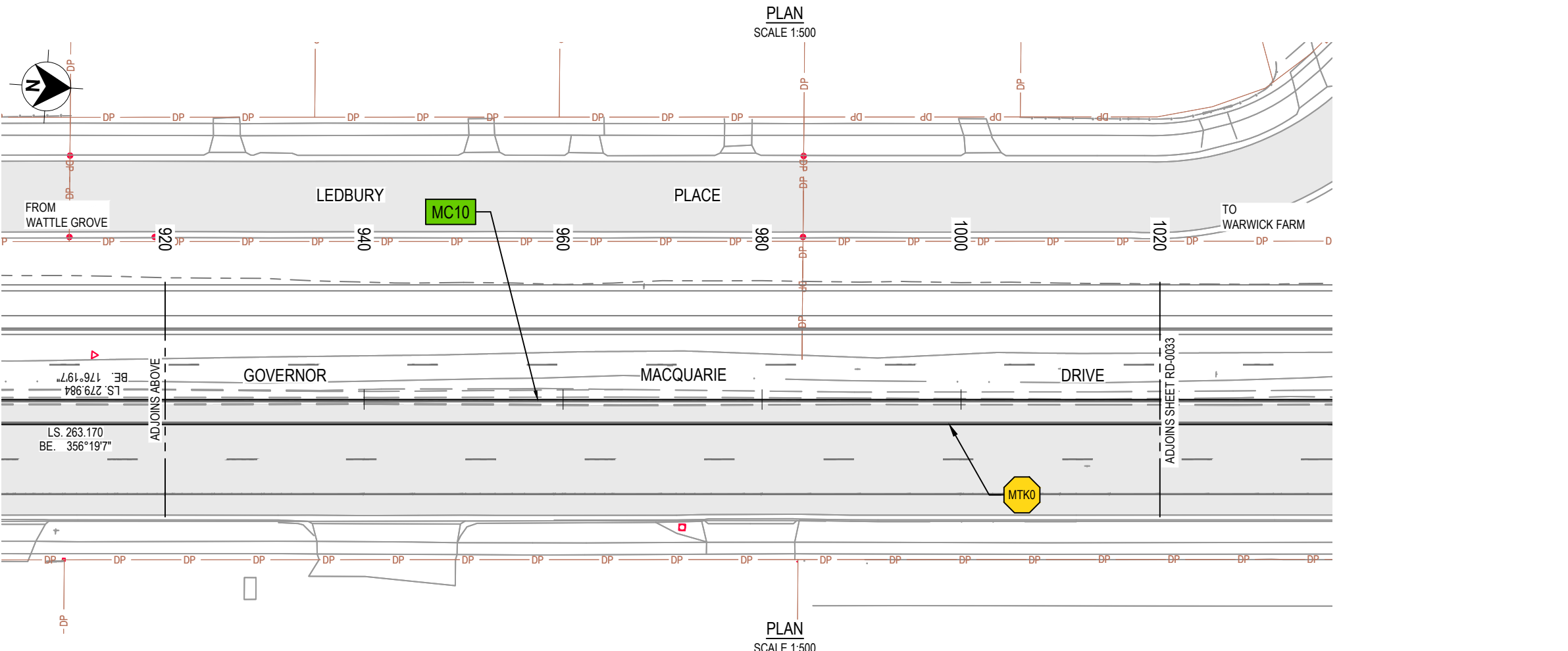
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	PART -		
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES				DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 		TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR	NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22	
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		 HORIZONTAL SCALE 1:500m		ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RD-0031	ISSUE 0







- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT
  - CONTROL ALIGNMENT LABEL
  - MEDIAN ISLAND ALIGNMENT LABEL
  - EXISTING ROAD PAVEMENT
  - SURVEY MARKS
- NOTES**
1. CONTRACTOR TO VERIFY SETOUT PRIOR TO COMMENCING CONSTRUCTION. REFER ANY DISCREPANCIES TO THE ENGINEER.
  2. REFER TO SHEET RD-0012 FOR MASTER CONTROL ALIGNMENT SCHEDULES, AND SHEET RD-0034 FOR MEDIAN ISLAND ALIGNMENT SCHEDULES.
  3. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES THAT MAY AFFECT THE SURVEY INFRASTRUCTURE, CONTACT THE NSW DEPARTMENT OF LAND AND PROPERTY INFORMATION TO OBTAIN THE SURVEYOR GENERAL'S AUTHORITY. COMPLY WITH SURVEYOR GENERAL'S DIRECTIONS NO.11 "PRESERVATION OF SURVEY INFRASTRUCTURE". PERMANENT SURVEY & CADASTRAL REFERENCE MARKS ARE PROTECTED UNDER SECTION 24 OF THE SURVEYING AND SPATIAL INFORMATION ACT. REFER TO AN APPLICATION UNDER SECTION 88 OF THE SURVEYING AND SPATIAL INFORMATION REGULATION FOR THE PROCESS TO REMOVE OR OBLITERATE MARKS.



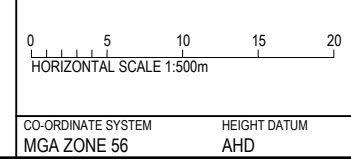
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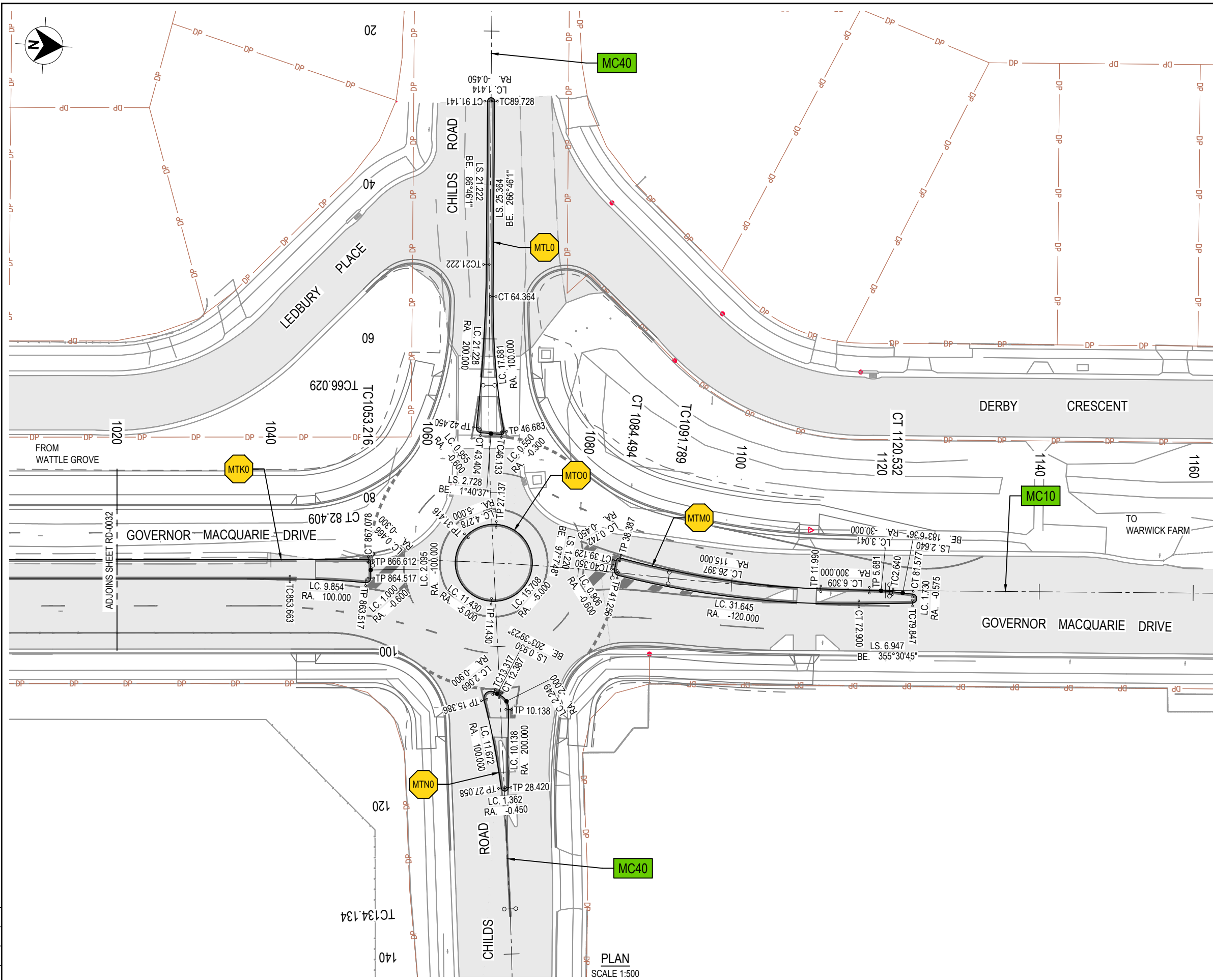
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DRAWING FILE LOCATION / NAME s:\300312\DWG\Engineering\ENG\detailed design\300312-DD-RD-0032.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12\GOVERNOR MACQUARIE DRIVE\DESIGN	PLOT DATE / TIME 12/5/2022 10:48 AM	PLOT BY jacobj	CLIENT LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON ROAD ALIGNMENT AND DETAIL MEDIAN ISLAND ALIGNMENT PLAN - SHEET 2	A3
EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	PART -
CO-ORDINATE SYSTEM MGA ZONE 56			HEIGHT DATUM AHD		ISSUE STATUS DETAILED DESIGN		
EDMS No. -			SHEET No. RD-0032		ISSUE 0		
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TITLE	NAME	DATE
DRAWN	J.JACKSON	05.12.22
DRG CHECK	I.BROWN	05.12.22
DESIGN	N.WALL	05.12.22
DESIGN CHECK	I.BROWN	05.12.22
DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22






**LEGEND**

- DP OVERLAY BOUNDARY
- CONTROL ALIGNMENT
- MC10 CONTROL ALIGNMENT LABEL
- MT10 MEDIAN ISLAND ALIGNMENT LABEL
- EXISTING ROAD PAVEMENT
- R004 80.443 SURVEY MARKS

**NOTES**

- CONTRACTOR TO VERIFY SETOUT PRIOR TO COMMENCING CONSTRUCTION. REFER ANY DISCREPANCIES TO THE ENGINEER.
- REFER TO SHEET RD-0012 FOR MASTER CONTROL ALIGNMENT SCHEDULES, AND SHEET RD-0034 FOR MEDIAN ISLAND ALIGNMENT SCHEDULES.
- PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES THAT MAY AFFECT THE SURVEY INFRASTRUCTURE, CONTACT THE NSW DEPARTMENT OF LAND AND PROPERTY INFORMATION TO OBTAIN THE SURVEYOR GENERAL'S AUTHORITY. COMPLY WITH SURVEYOR GENERAL'S DIRECTIONS NO.11 "PRESERVATION OF SURVEY INFRASTRUCTURE". PERMANENT SURVEY & CADASTRAL REFERENCE MARKS ARE PROTECTED UNDER SECTION 24 OF THE SURVEYING AND SPATIAL INFORMATION ACT. REFER TO AN APPLICATION UNDER SECTION 88 OF THE SURVEYING AND SPATIAL INFORMATION REGULATION FOR THE PROCESS TO REMOVE OR OBLITERATE MARKS.

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DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-RD-0033.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12\DG\GOVERNOR MACQUARIE DRIVE\DESIGN	PLOT DATE / TIME 12/5/2022 10:48 AM	PLOT BY jacobj	CLIENT LIVERPOOL CITY COUNCIL
EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALE(S) ON A3 SIZE DRAWING HORIZONTAL SCALE 1:500m
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x_LABELS						
x_DESIGN						TITLE
x_SURVEY						DRAWN
x_DRAINAGE						DRG CHECK
x_UTILITIES						DESIGN
						DESIGN CHECK
						DESIGN MNGR
						PROJECT MNGR

**NOT FOR CONSTRUCTION**

LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON ROAD ALIGNMENT AND DETAIL MEDIAN ISLAND ALIGNMENT PLAN - SHEET 3		A3
DESIGN PROJECT No. <b>300312</b>	PART -	
ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RD-0033 ISSUE 0



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MTJ0 HORIZONTAL SEGMENTS							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311624.170	6244389.483	4°59'14.03"	ARC	80.000	11.501
CT	11.501	311624.344	6244400.973	4°59'14.03"	LINE		18.463
TC	29.964	311625.950	6244419.366	4°59'14.03"	ARC	-80.000	11.502
CT	41.466	311626.124	6244430.856	356°44'58.59"	LINE		38.605
TC	80.071	311623.935	6244469.400	356°44'58.59"	ARC	-504.500	4.773
CC	84.844	311623.642	6244474.163	356°12'27.34"	ARC	-4.000	0.669
CT	85.513	311623.542	6244474.824	346°37'47.33"	LINE		0.329
TC	85.842	311623.466	6244475.144	346°37'47.33"	ARC	-0.700	2.083
CC	87.925	311622.086	6244474.934	176°06'29.61"	ARC	503.000	5.631
CT	93.556	311622.437	6244469.315	176°44'58.59"	LINE		40.659
TC	134.215	311624.743	6244428.721	176°44'58.59"	ARC	50.000	7.190
CT	141.405	311624.634	6244421.538	184°59'18.88"	LINE		18.146
TC	159.551	311623.056	6244403.461	184°59'18.88"	ARC	-50.000	5.690
CC	165.240	311622.884	6244397.777	178°28'07.46"	ARC	-200.000	6.001
CT	171.241	311623.134	6244391.781	176°44'58.59"	LINE		1.300
E	172.541	311623.208	6244390.483	176°44'58.59"			

MTK0 HORIZONTAL SEGMENTS (CLOSED)							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311579.058	6244939.664	176°19'06.52"	LINE		279.984
TC	279.984	311597.036	6244660.258	176°19'06.52"	ARC	-1000.000	77.347
CT	357.331	311604.981	6244583.340	171°53'12.58"	LINE		72.708
TC	430.039	311615.242	6244511.359	171°53'12.58"	ARC	500.000	0.986
CC	431.025	311615.380	6244510.383	171°59'59.36"	ARC	-0.600	1.783
CT	432.808	311616.574	6244510.448	1°42'32.05"	LINE		1.386
TC	434.194	311616.615	6244511.834	1°42'32.05"	ARC	-5.000	0.857
CT	435.052	311616.568	6244512.689	351°53'12.58"	LINE		76.747
TC	511.799	311605.736	6244588.668	351°53'12.58"	ARC	80.000	8.008
CT	519.807	311605.005	6244596.639	357°37'20.60"	LINE		20.000
TC	539.807	311604.175	6244616.622	357°37'20.60"	ARC	-120.000	12.013
CC	551.820	311603.077	6244628.579	351°53'12.58"	ARC	500.000	38.673
CT	590.493	311599.105	6244667.038	356°19'06.52"	LINE		263.170
TC	853.663	311582.206	6244929.665	356°19'06.52"	ARC	100.000	9.854
CC	863.517	311582.059	6244939.514	1°57'51.18"	ARC	-0.600	1.000
CC	864.517	311581.422	6244940.133	266°27'30.81"	ARC	-100.000	2.095
CC	866.612	311579.332	6244939.982	265°15'29.33"	ARC	-0.300	0.466
E	867.078	311579.058	6244939.664	176°19'06.52"			

MTL0 HORIZONTAL SEGMENTS (CLOSED)							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311518.608	6244951.313	86°46'01.35"	LINE		21.222
TC	21.222	311539.796	6244952.509	86°46'01.35"	ARC	200.000	21.228
CC	42.450	311561.014	6244952.581	92°50'54.31"	ARC	-0.600	0.955
CT	43.404	311561.644	6244953.162	1°40'36.82"	LINE		2.728
TC	46.133	311561.724	6244955.889	1°40'36.82"	ARC	-0.300	0.550
CC	46.683	311561.354	6244956.190	256°38'11.57"	ARC	100.000	17.681
CT	64.364	311543.881	6244953.642	266°46'01.35"	LINE		25.364
TC	89.728	311518.558	6244952.211	266°46'01.35"	ARC	-0.450	1.414
E	91.141	311518.608	6244951.313	86°46'01.35"			

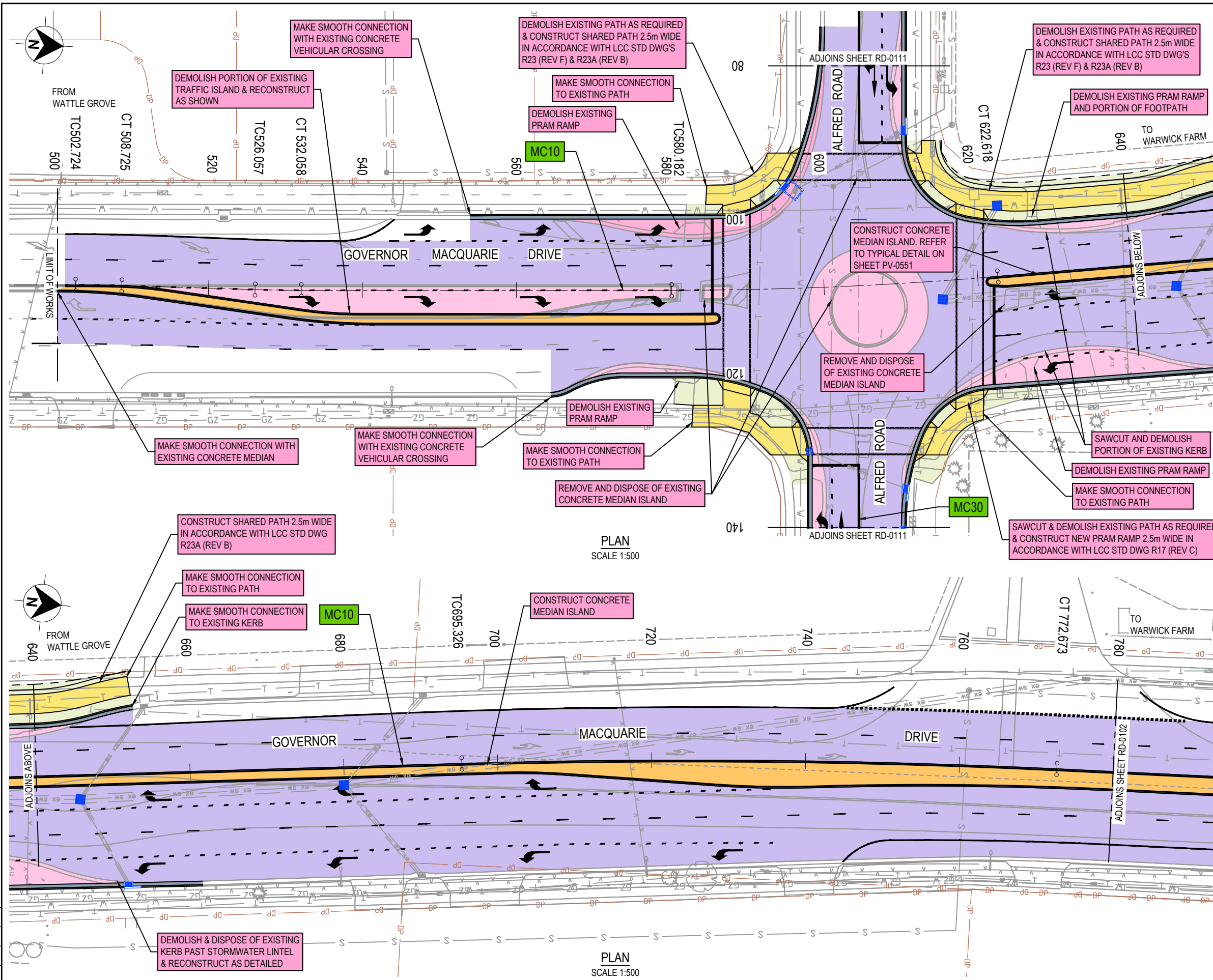
MTM0 HORIZONTAL SEGMENTS (CLOSED)							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311578.997	6245010.566	183°06'35.92"	LINE		2.640
TC	2.640	311578.853	6245007.929	183°06'35.92"	ARC	-30.000	3.041
CC	5.681	311578.842	6245004.890	177°18'09.74"	ARC	300.000	6.309
CC	11.990	311579.073	6244998.585	178°30'27.37"	ARC	115.000	26.397
CC	38.387	311576.739	6244972.350	191°39'33.12"	ARC	-0.450	0.742
CT	39.129	311577.124	6244971.813	97°07'48.46"	LINE		1.220
TC	40.350	311578.335	6244971.661	97°07'48.46"	ARC	-0.600	0.906
CC	41.256	311578.999	6244972.146	10°37'17.66"	ARC	-120.000	31.645
CT	72.900	311580.687	6245003.654	355°30'44.54"	LINE		6.947
TC	79.847	311580.144	6245010.580	355°30'44.54"	ARC	-0.575	1.730
E	81.577	311578.997	6245010.566	183°06'35.92"			

MTN0 HORIZONTAL SEGMENTS (CLOSED)							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311607.441	6244959.706	265°11'23.36"	ARC	200.000	10.138
CC	10.138	311597.322	6244959.112	268°05'38.99"	ARC	-2.000	2.249
CT	12.387	311595.556	6244957.916	203°39'22.52"	LINE		0.930
TC	13.317	311595.183	6244957.065	203°39'22.52"	ARC	-0.900	2.069
CC	15.386	311596.287	6244955.848	71°54'43.26"	ARC	100.000	11.672
CC	27.058	311607.568	6244958.817	78°35'57.75"	ARC	-0.450	1.362
E	28.420	311607.441	6244959.706	265°11'23.36"			

MTO0 HORIZONTAL SEGMENTS (CLOSED)							
PT	CHAINAGE	EASTING	NORTHING	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	311575.145	6244952.181	130°58'21.31"	ARC	-5.000	11.430
CC	11.430	311583.424	6244955.956	0°00'00.00"	ARC	-5.000	15.708
CC	27.137	311573.424	6244955.956	180°00'00.00"	ARC	-5.000	4.278
E	31.416	311575.145	6244952.181	130°58'21.31"			

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
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				TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	
				DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22			
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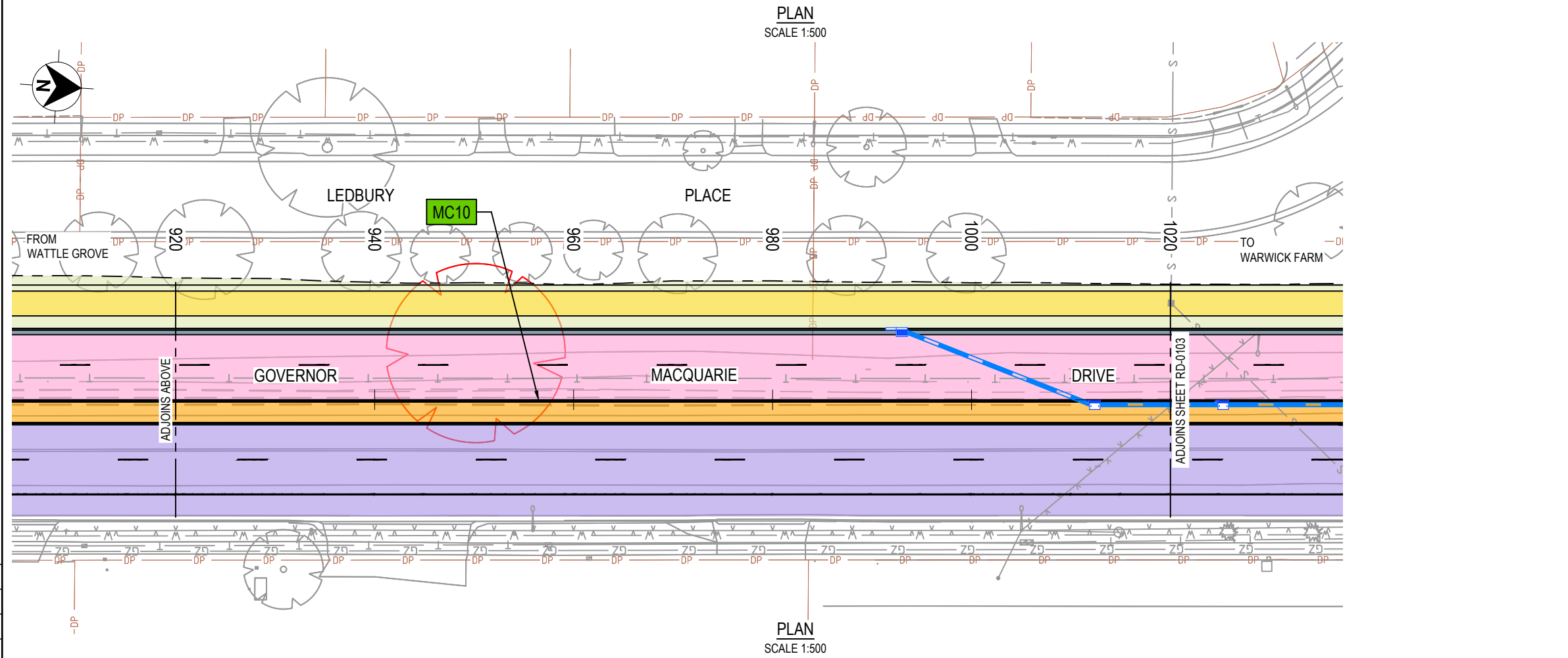
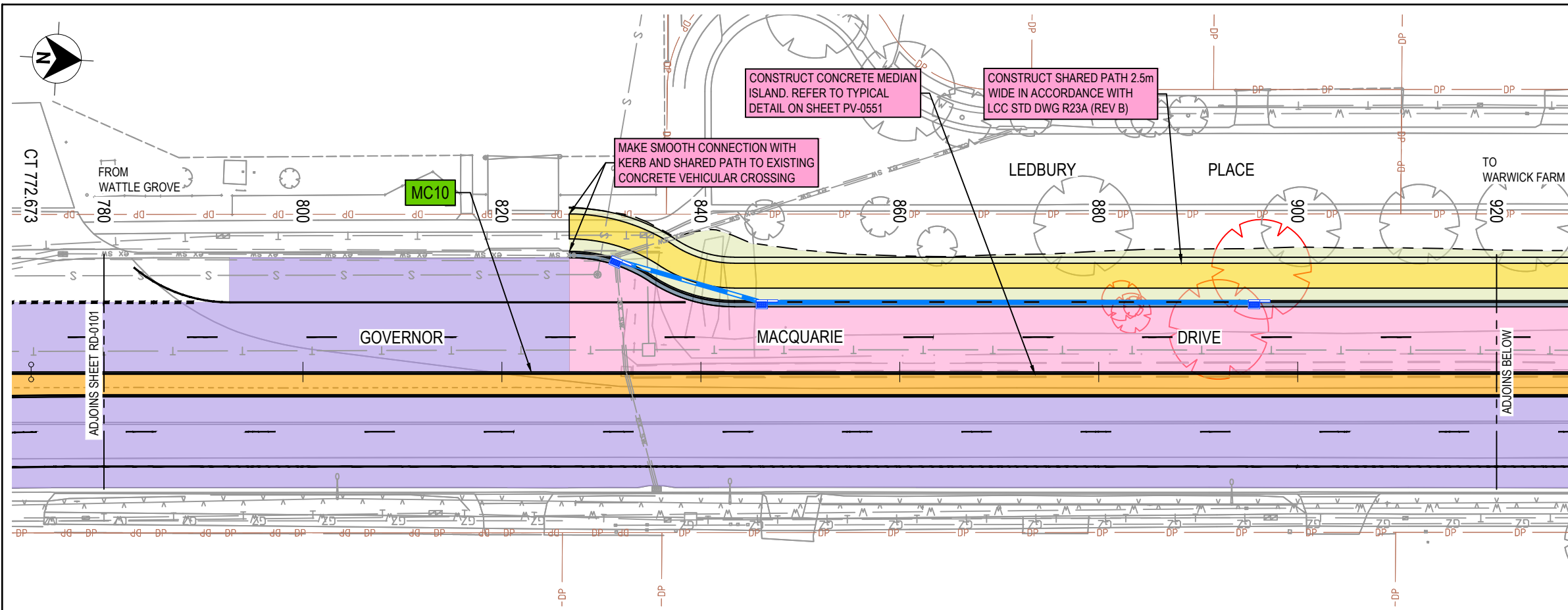
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	CONTROL ALIGNMENT LABEL
	TREES TO BE REMOVED
	PAVEMENT OVERLAY TO BE CONSTRUCTED
	FULL DEPTH PAVEMENT TO BE CONSTRUCTED
	CONCRETE MEDIAN TO BE CONSTRUCTED
	KERBS TO BE CONSTRUCTED
	PATHS AND KERB RAMPS TO BE CONSTRUCTED
	DRIVEWAY ACCESS
	VERGE / EMBANKMENT TO BE CONSTRUCTED

- NOTES**
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  - REFER TO SHEET RD-0001 AND RD-0002 FOR ROAD TYPICAL SECTIONS, AND RD-0005 FOR TYPICAL DETAILS.
  - REFER TO SHEETS RD-0011 TO RD-0012 FOR MASTER CONTROL ALIGNMENT PLAN, AND RD-0013 FOR MASTER CONTROL ALIGNMENT SCHEDULES.
  - REFER TO SHEETS RD-0021 TO RD-0022 FOR KERB ALIGNMENT PLAN AND KERB TYPE DETAILS, AND RD-0023 FOR KERB ALIGNMENT SCHEDULES.
  - REFER TO SHEETS RD-0031 TO RD-0033 FOR MEDIAN ISLAND ALIGNMENT PLAN AND KERB TYPE DETAILS, AND RD-0034 FOR MEDIAN ISLAND ALIGNMENT SCHEDULES.
  - REFER TO SHEETS UT-0001 TO UT-0002 FOR UTILITY PLANS.
  - REFER TO SHEETS SM-0001 TO SM-0002 FOR DRAINAGE PLANS.
  - REFER TO SHEETS PV-0101 TO PV-0102 FOR PAVEMENT PLANS.

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NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES		WVR No.	APPROVAL	TITLE	NAME	DATE							
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				DESIGN	N.WALL	05.12.22							
				DESIGN CHECK	I.BROWN	05.12.22							
				DESIGN MNGR	I.BROWN	05.12.22							
				PROJECT MNGR	I.BROWN	05.12.22							
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD											
DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 		Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adjohnson.com.au www.adjohnson.com.au ABN 62 129 445 398		DESIGN PROJECT No. <b>300312</b>									
ISSUE STATUS DETAILED DESIGN		EDMS No. -		SHEET No. <b>RD-0101</b>		PART ISSUE <b>0</b>							



- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT LABEL
  - TREES TO BE REMOVED
  - PAVEMENT OVERLAY TO BE CONSTRUCTED
  - FULL DEPTH PAVEMENT TO BE CONSTRUCTED
  - CONCRETE MEDIAN TO BE CONSTRUCTED
  - KERBS TO BE CONSTRUCTED
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  - DRIVEWAY ACCESS
  - VERGE / EMBANKMENT TO BE CONSTRUCTED

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  5. REFER TO SHEETS SM-0001 TO SM-0002 FOR DRAINAGE PLANS.
  6. REFER TO SHEETS PV-0101 TO PV-0102 FOR PAVEMENT PLANS.

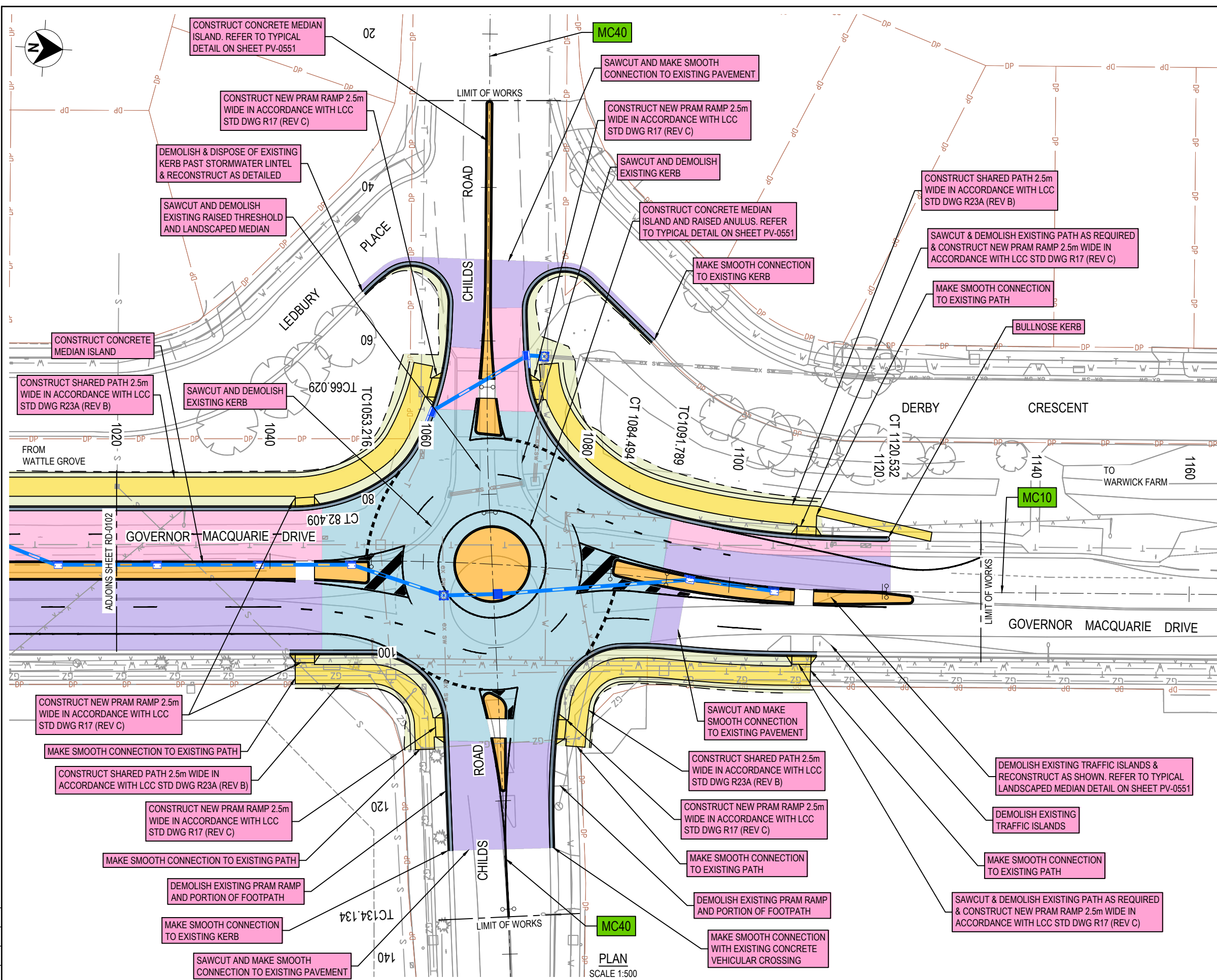
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	ISSUE STATUS DETAILED DESIGN	
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ISSUE STATUS DETAILED DESIGN		EDMS No. -	SHEET No. RD-0102	ISSUE 0		© Roads and Maritime Services		



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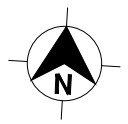
### LEGEND

- DP OVERLAY BOUNDARY
- MC10 CONTROL ALIGNMENT LABEL
- TREES TO BE REMOVED
- PAVEMENT OVERLAY TO BE CONSTRUCTED
- FULL DEPTH PAVEMENT TO BE CONSTRUCTED
- HEAVILY BOUND PAVEMENT TO BE CONSTRUCTED
- CONCRETE MEDIAN TO BE CONSTRUCTED
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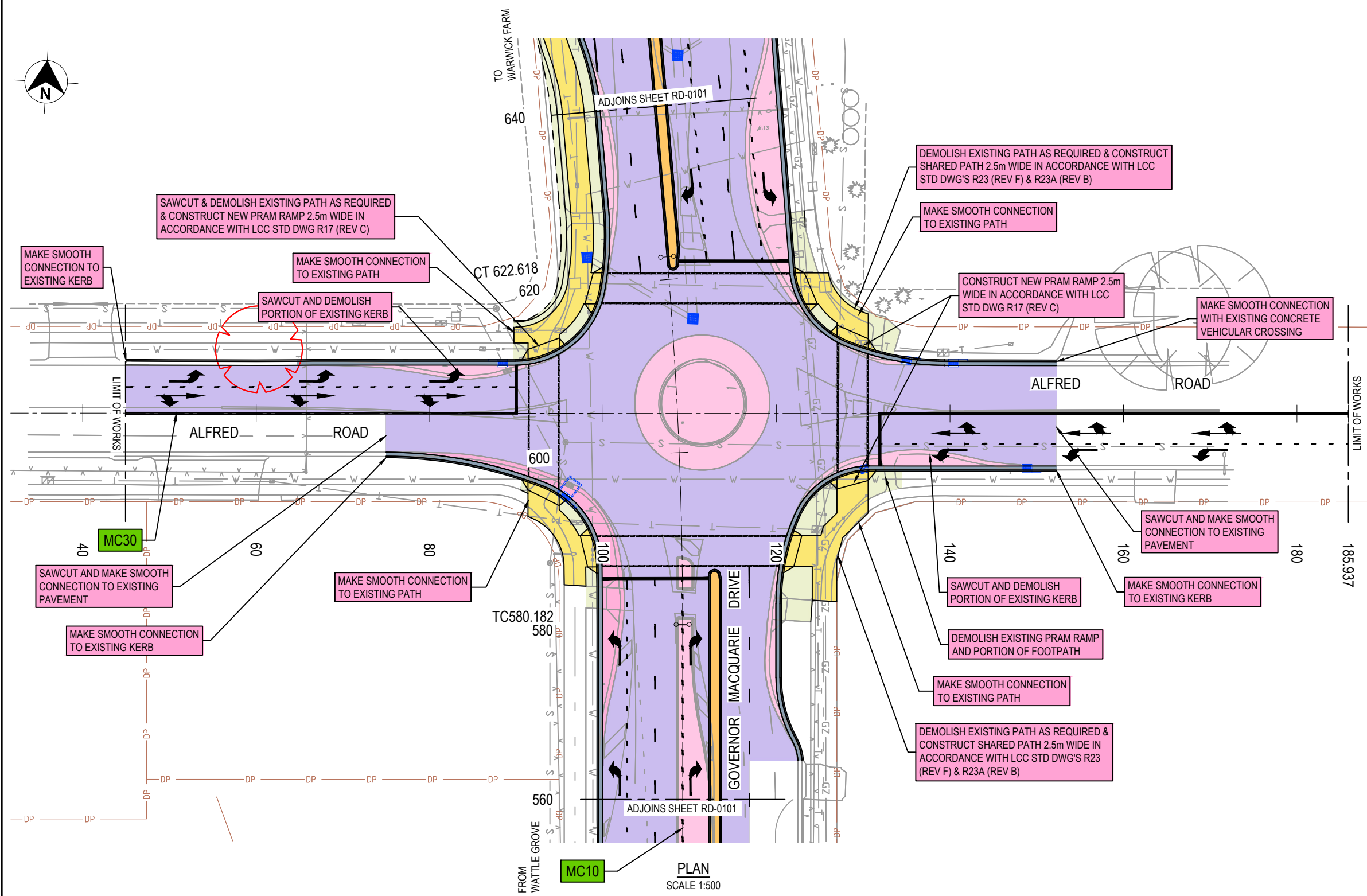
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x_LABELS	0	05.12.22	DETAILED DESIGN - ISSUED FOR REVIEW		Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adjohnson.com.au www.adjohnson.com.au ABN 62 129 445 398		DRG CHECK	I.BROWN	05.12.22
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x_SURVEY					THE GREAT SOUTH WEST		DESIGN CHECK	I.BROWN	05.12.22
x_DRAINAGE					DESIGN PROJECT No. <b>300312</b>		DESIGN MNGR	I.BROWN	05.12.22
x_UTILITIES					ISSUE STATUS: DETAILED DESIGN      EDMS No. -      SHEET No. RD-0103      ISSUE 0		PROJECT MNGR	I.BROWN	05.12.22



LEGEND	
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	CONTROL ALIGNMENT LABEL
	TREES TO BE REMOVED
	PAVEMENT OVERLAY TO BE CONSTRUCTED
	FULL DEPTH PAVEMENT TO BE CONSTRUCTED
	CONCRETE MEDIAN TO BE CONSTRUCTED
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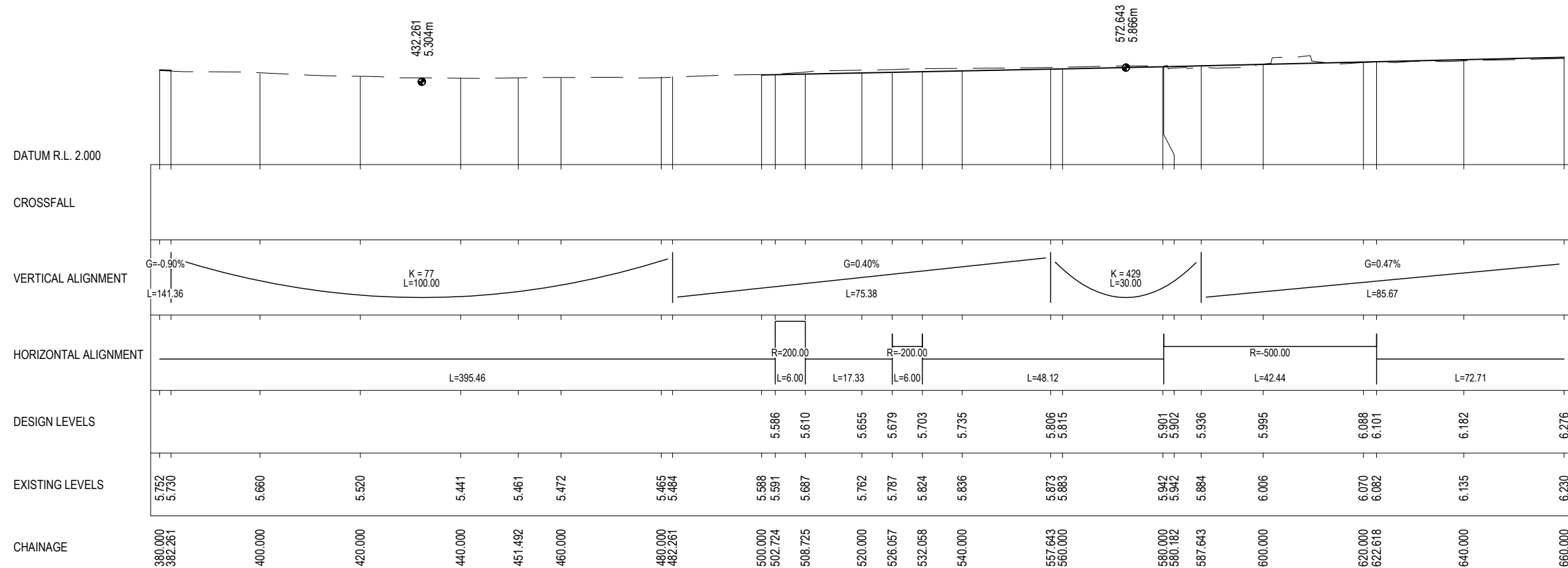


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50mm ON A3 SIZE ORIGINAL

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	ISSUE STATUS DETAILED DESIGN
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				TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	
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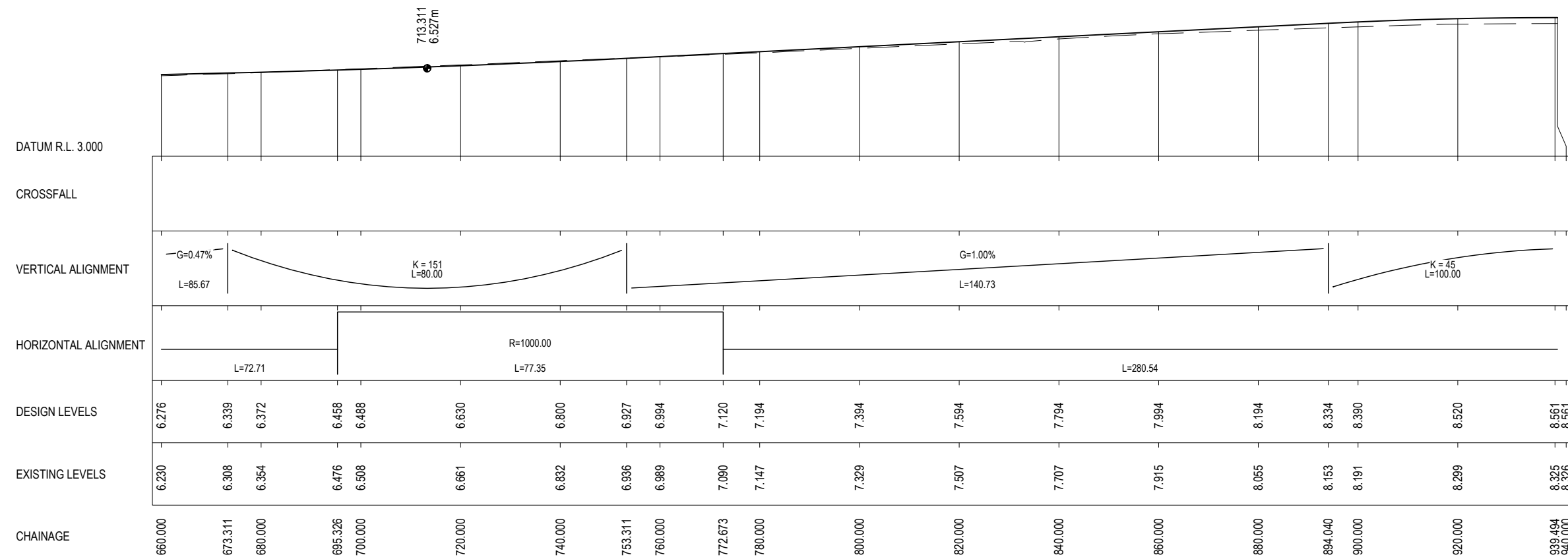
MC10 - GOVERNOR MACQUARIE DRIVE  
 HORIZONTAL SCALE 1:1000  
 VERTICAL SCALE 1:200

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x_SURVEY					HEIGHT DATUM AHD	<table border="1"> <thead> <tr> <th>TITLE</th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>J.JACKSON</td> <td>05.12.22</td> </tr> <tr> <td>DRG CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN</td> <td>N.WALL</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>PROJECT MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> </tbody> </table>		TITLE	NAME	DATE	DRAWN	J.JACKSON	05.12.22	DRG CHECK	I.BROWN	05.12.22	DESIGN	N.WALL	05.12.22	DESIGN CHECK	I.BROWN	05.12.22	DESIGN MNGR	I.BROWN	05.12.22	PROJECT MNGR	I.BROWN	05.12.22	ISSUE		
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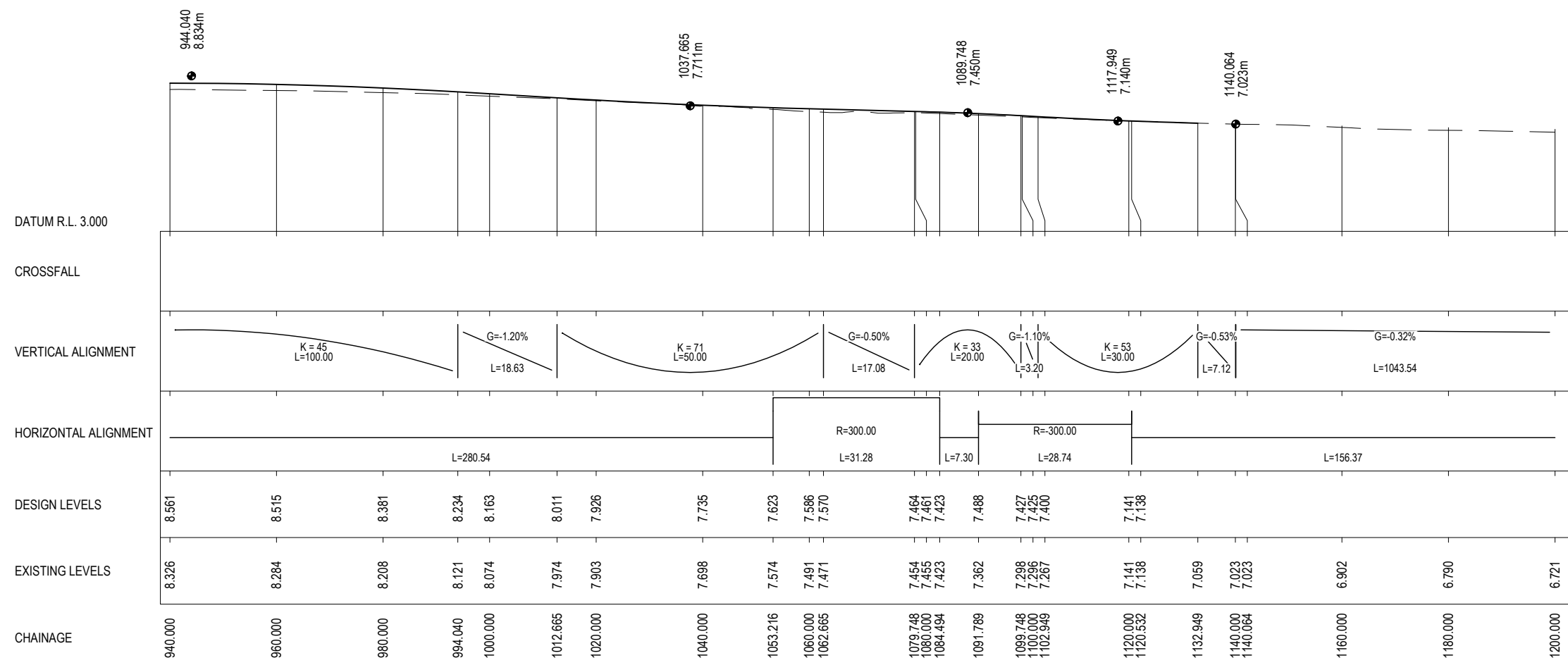


MC10 - GOVERNOR MACQUARIE DRIVE  
 HORIZONTAL SCALE 1:1000  
 VERTICAL SCALE 1:200

NOT FOR CONSTRUCTION

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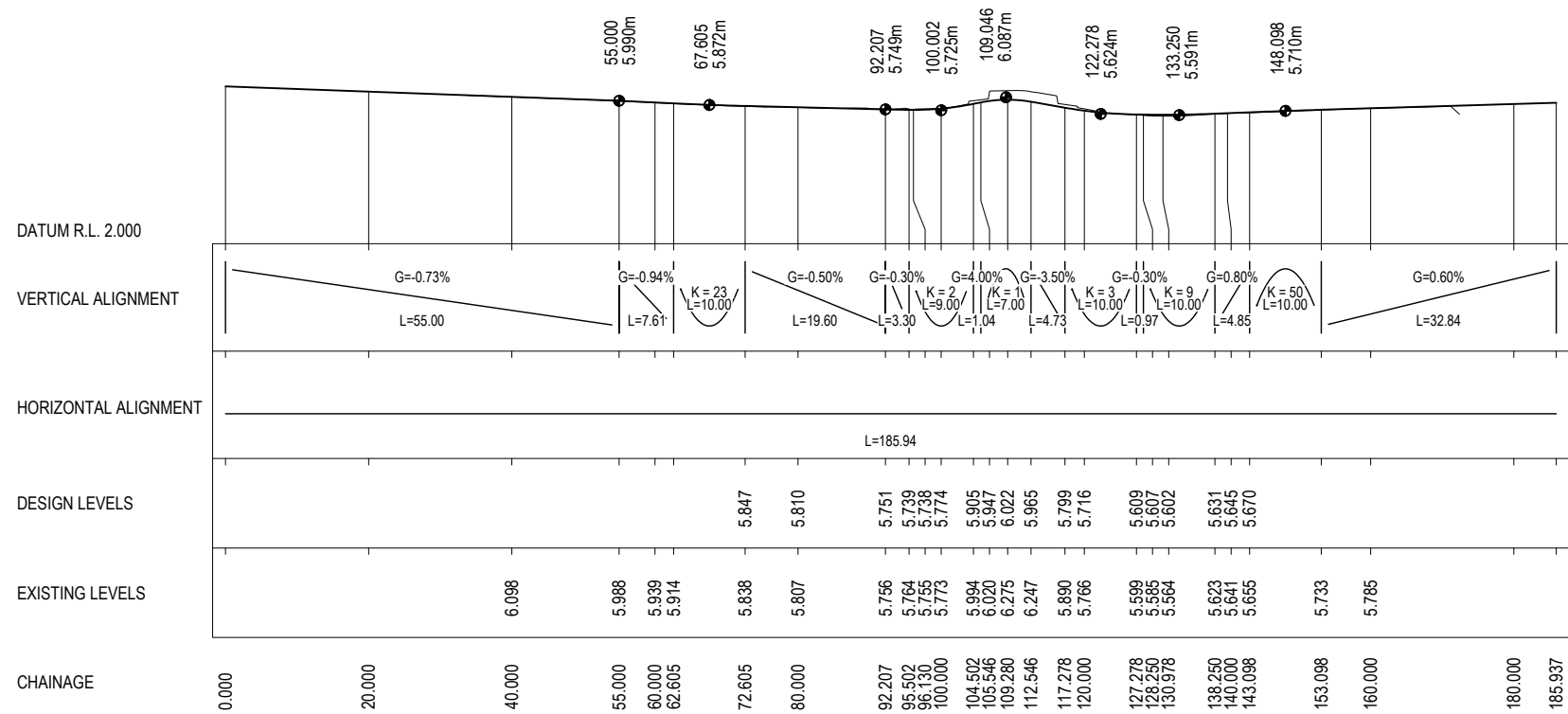
MC10 - GOVERNOR MACQUARIE DRIVE  
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY																						
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PROJECT MNGR	I.BROWN	05.12.22																												
CO-ORDINATE SYSTEM MGA ZONE 56				HEIGHT DATUM AHD																										
DESIGN PROJECT No. <b>300312</b>				ISSUE STATUS DETAILED DESIGN		EDMS No. -		SHEET No. <b>RD-0213</b> ISSUE <b>0</b>																						



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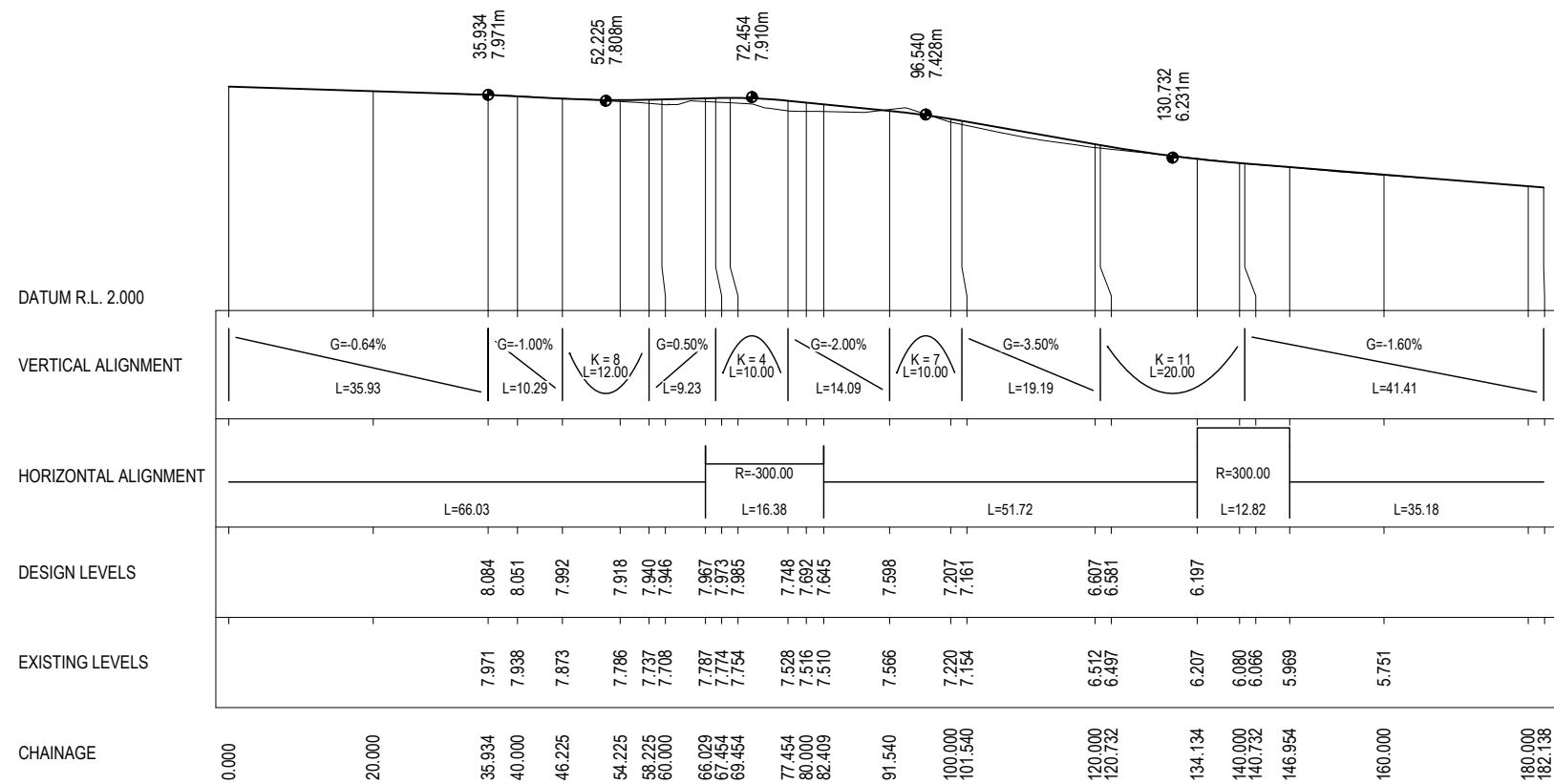


MC30 - ALFRED ROAD  
HORIZONTAL SCALE 1:1000  
VERTICAL SCALE 1:200

NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	ISSUE STATUS DETAILED DESIGN		
SCALES ON A3 SIZE DRAWING 0 10 20 30 40 HORIZONTAL SCALE 1:1000m 0 2 4 6 8 VERTICAL SCALE 1:200m			DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		TITLE NAME DATE DRAWN J.JACKSON 05.12.22 DRG CHECK I.BROWN 05.12.22 DESIGN N.WALL 05.12.22 DESIGN CHECK I.BROWN 05.12.22 DESIGN MNGR I.BROWN 05.12.22 PROJECT MNGR I.BROWN 05.12.22		EDMS No. -	SHEET No. RD-0214	ISSUE 0

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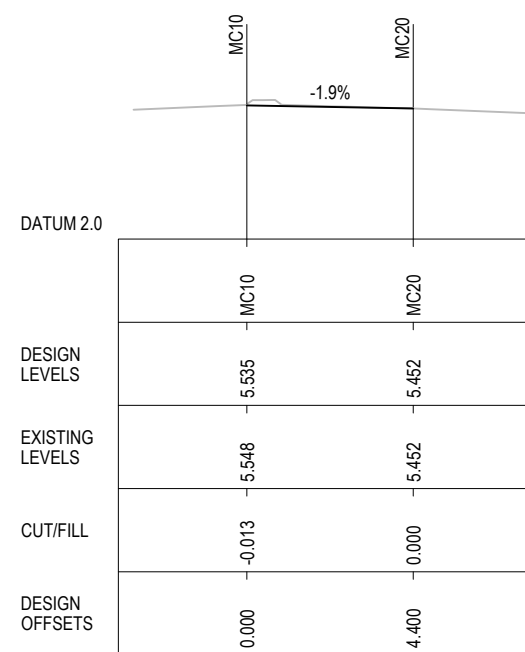


MC40 - CHILDS ROAD  
 HORIZONTAL SCALE 1:1000  
 VERTICAL SCALE 1:200

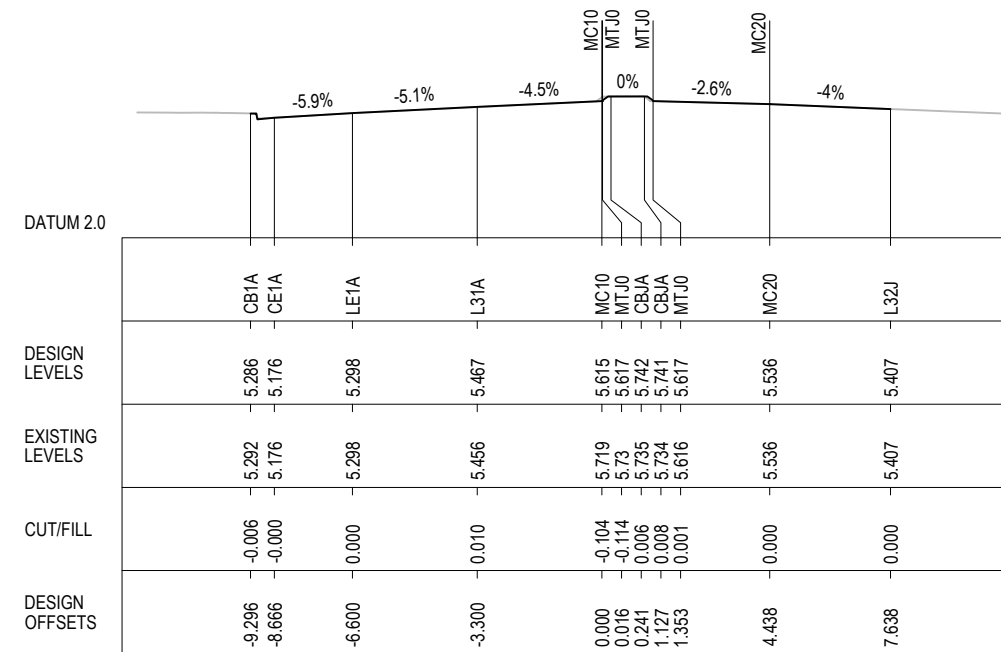
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	ISSUE STATUS DETAILED DESIGN
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES				SCALES ON A3 SIZE DRAWING 0 10 20 30 40 HORIZONTAL SCALE 1:1000m 0 2 4 6 8 VERTICAL SCALE 1:200m		DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398	
				CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD	
				TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	
				DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22		SHEET No. RD-0215	
				EDMS No. -		ISSUE 0	

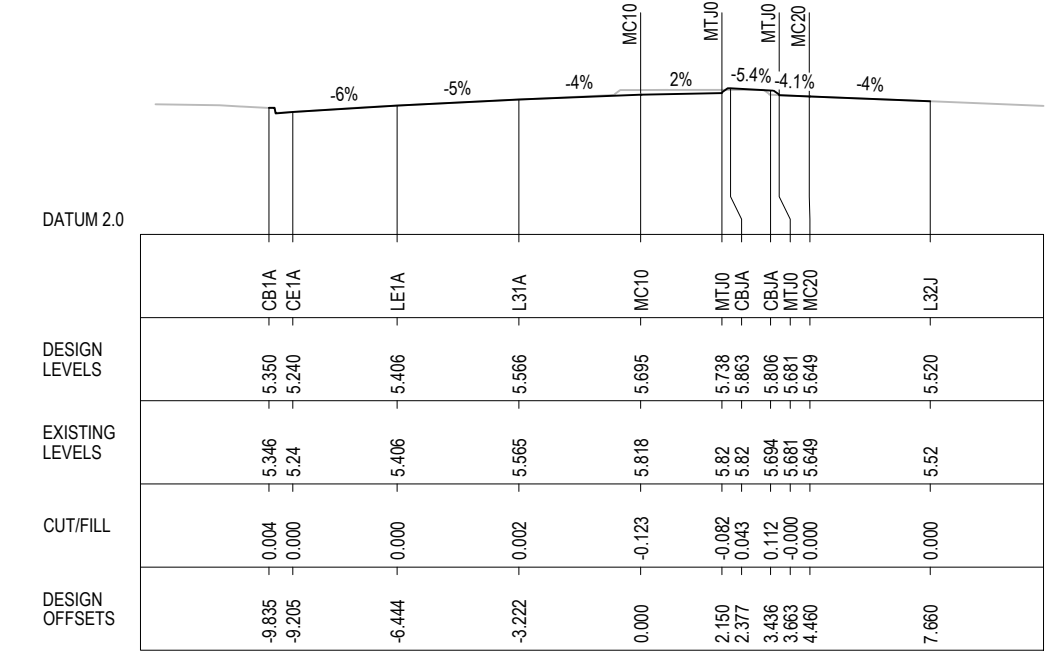
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ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



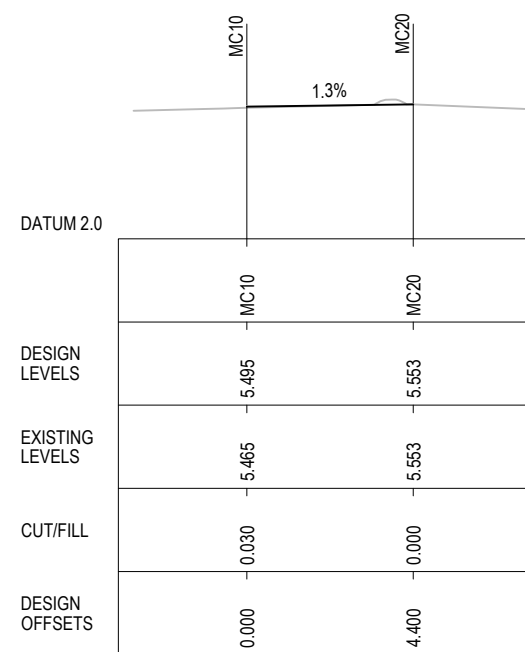
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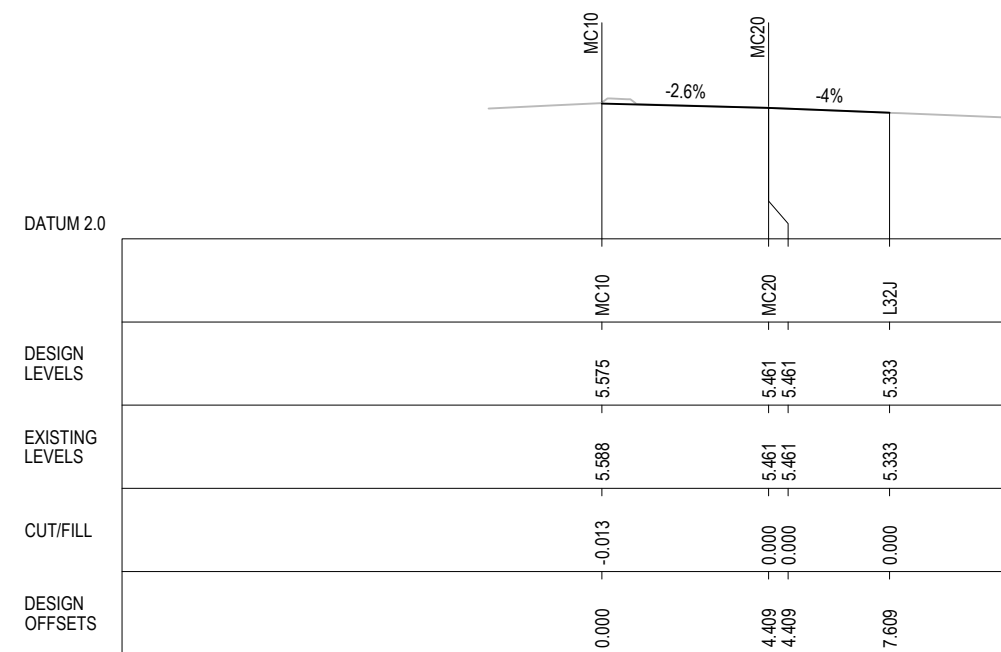
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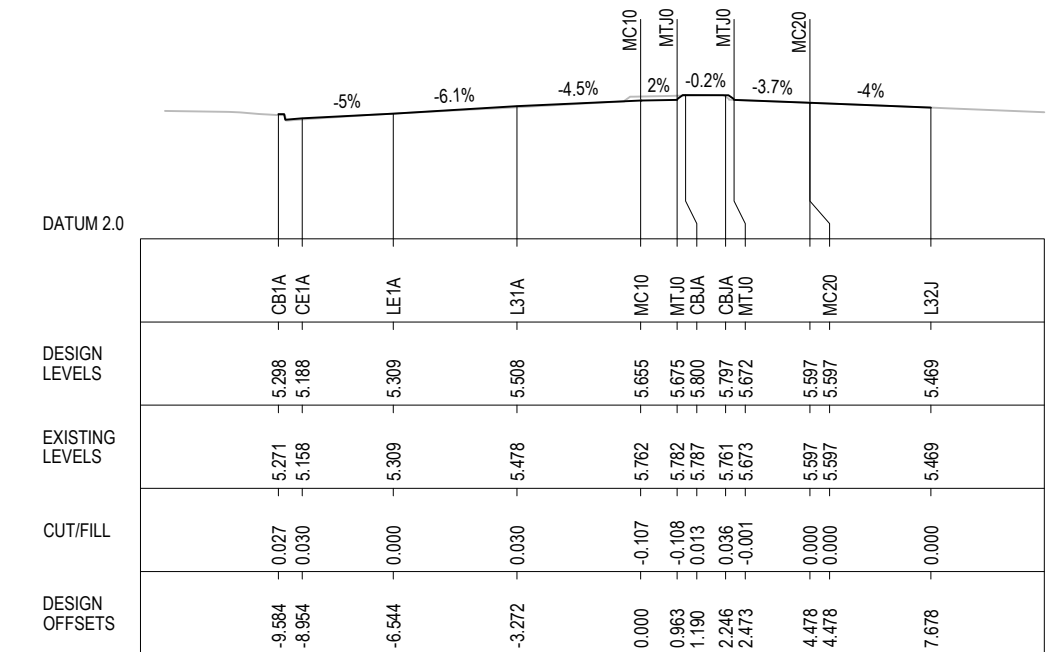
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THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

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x_LABELS	05.12.22			GOVERNOR MACQUARIE DRIVE	
x_DESIGN				ROAD UPGRADE WORKS	
x_SURVEY				ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON	
x_DRAINAGE				ROAD CROSS SECTIONS	
x_UTILITIES				GOVERNOR MACQUARIE DRIVE - SHEET 1	

SCALE ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY
0 2 4 6 8 HORIZONTAL SCALE 1:200m	COMPANY NAME / LOGO
CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD

Central Coast  
5 Pioneer Avenue,  
P.O. Box 3117,  
Tuggerah N.S.W. 2259  
Phone: (02) 4305 4300  
Fax: (02) 4305 4399  
email: coast@adwjohnson.com.au  
www.adwjohnson.com.au  
ABN 62 129 445 398

TITLE	NAME	DATE
DRAWN	J.JACKSON	05.12.22
DRG CHECK	I.BROWN	05.12.22
DESIGN	N.WALL	05.12.22
DESIGN CHECK	I.BROWN	05.12.22
DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22

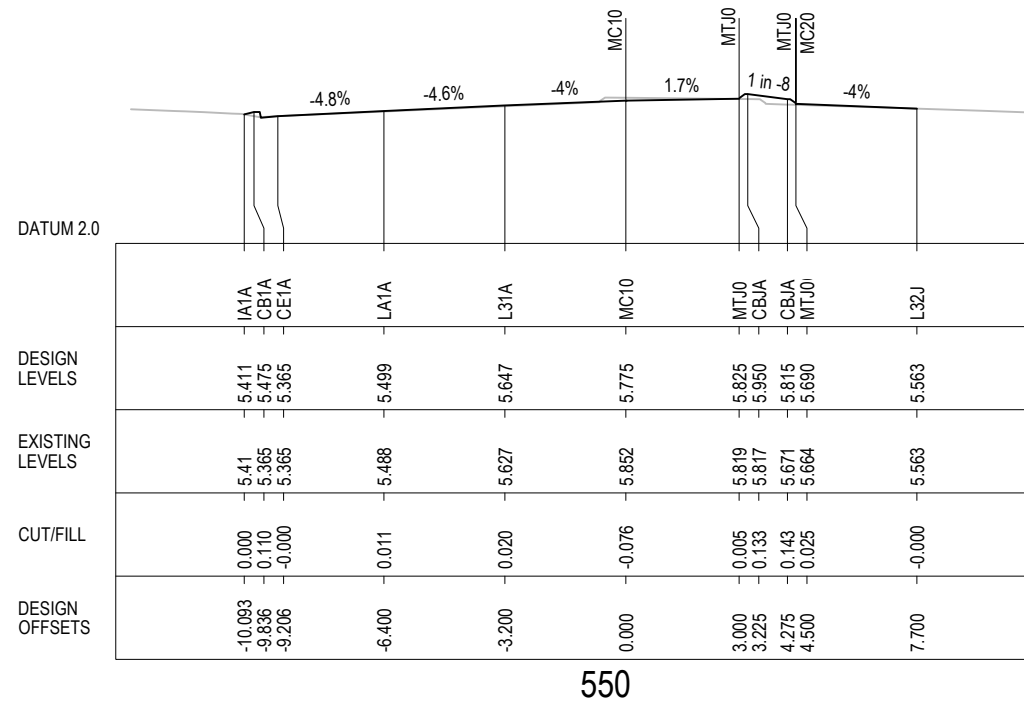
THE GREAT SOUTH WEST

DESIGN PROJECT No. 300312		PART
ISSUE STATUS		ISSUE
DETAILED DESIGN	EDMS No. -	RC-0001
SHEET No. 0		0

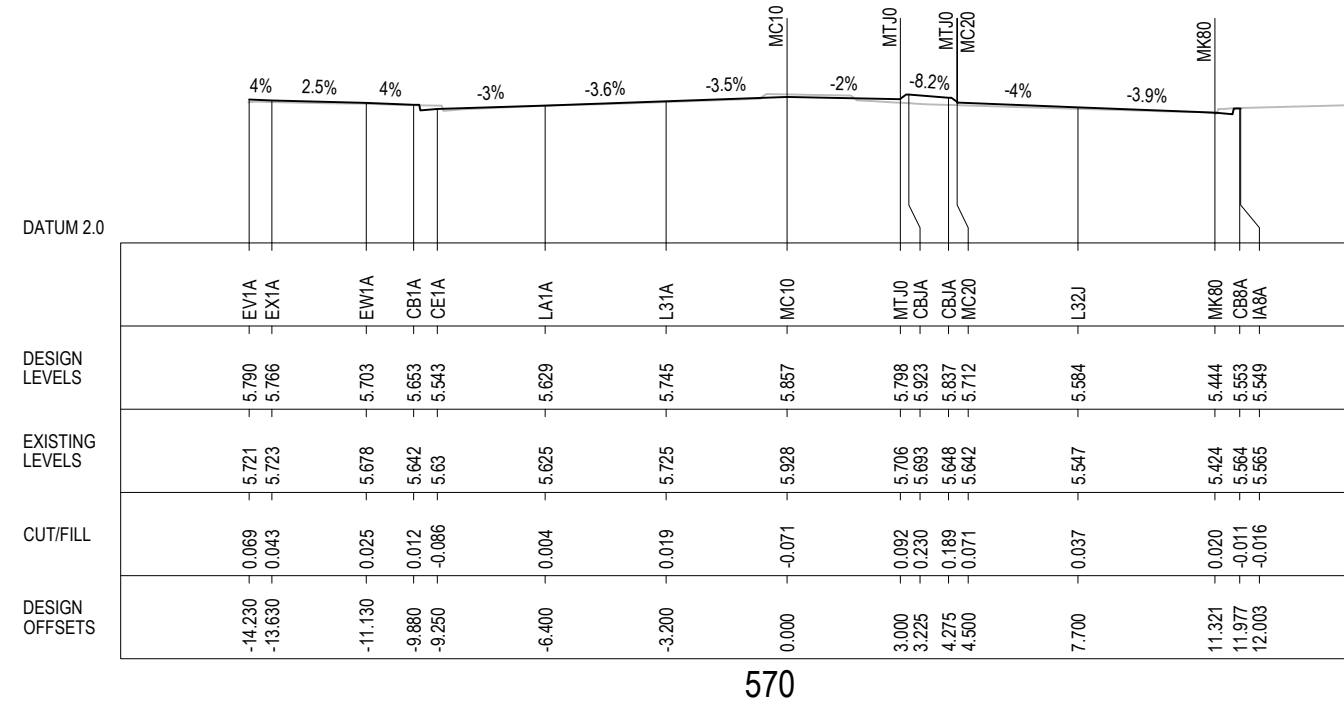
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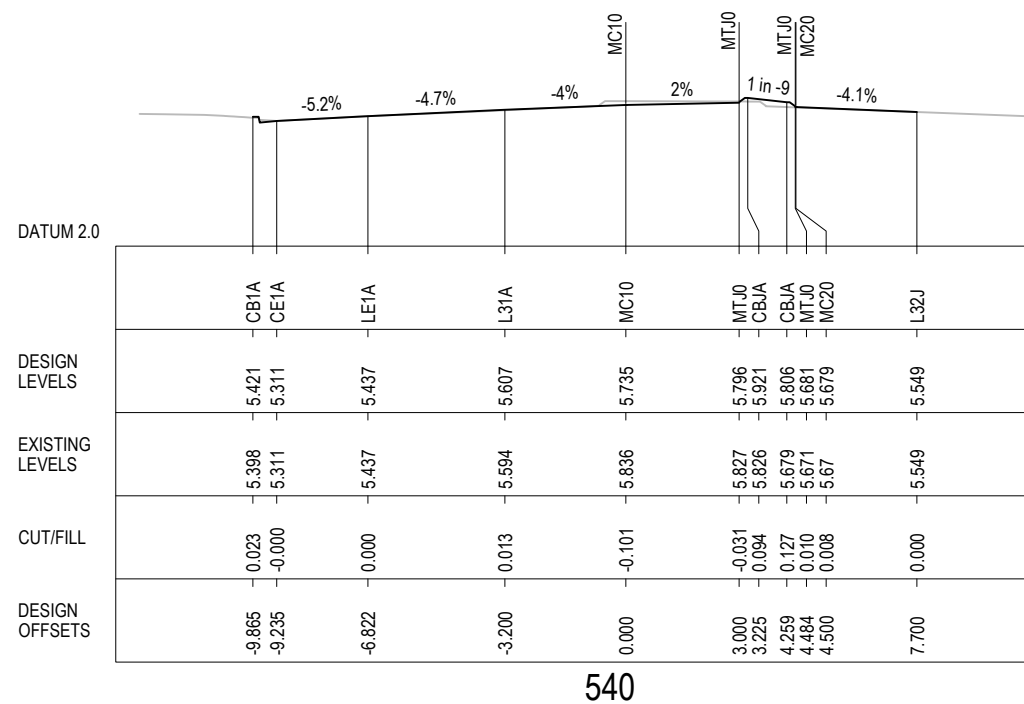
NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



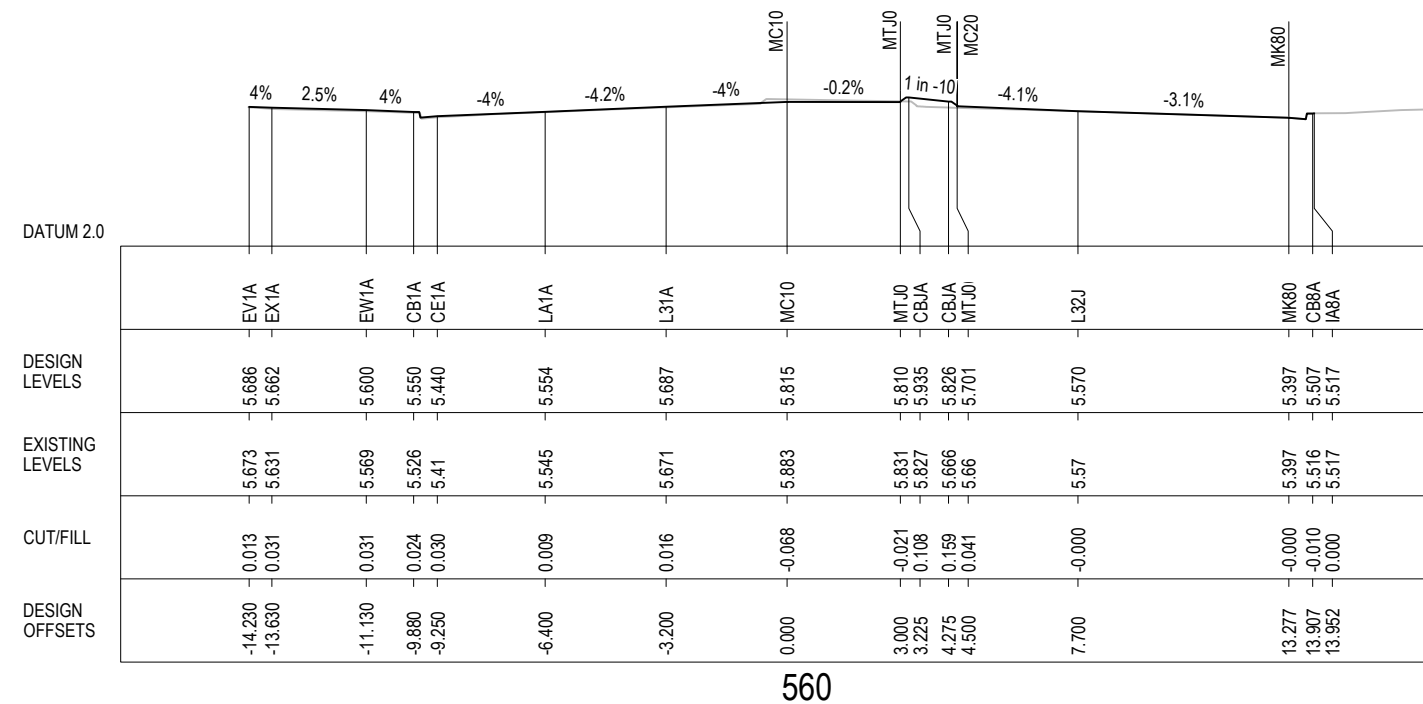
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540



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50mm ON A3 SIZE ORIGINAL

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>
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x_LABELS						EDMS No. -
x_DESIGN						SHEET No. RC-0002
x_SURVEY						ISSUE 0
x_DRAINAGE						
x_UTILITIES						

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM  
MGA ZONE 56

HEIGHT DATUM  
AHD

DRAWINGS / DESIGN PREPARED BY

COMPANY NAME / LOGO

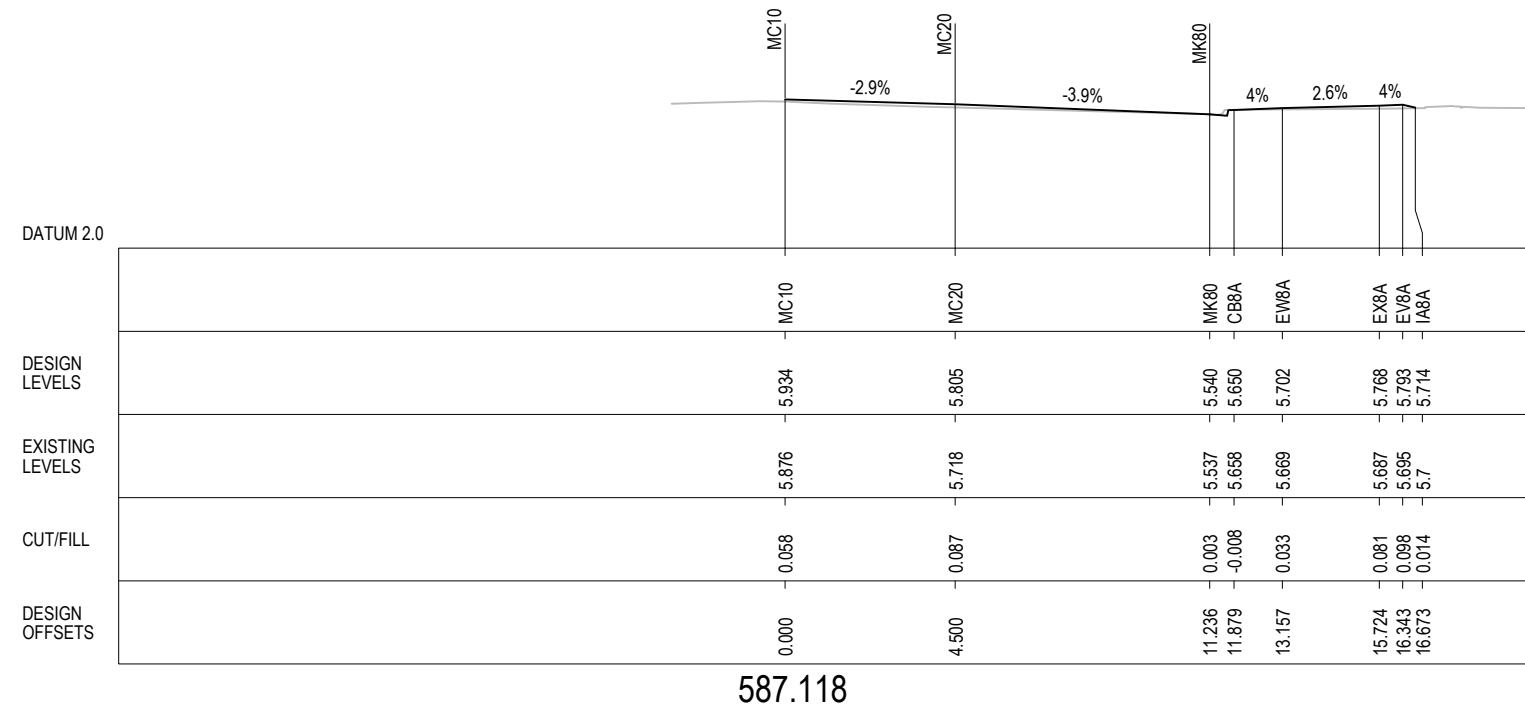
Central Coast  
5 Pioneer Avenue,  
P.O. Box 3117,  
Tuggerah N.S.W. 2259  
Phone: (02) 4305 4300  
Fax: (02) 4305 4399  
email: coast@acwjohnson.com.au  
www.acwjohnson.com.au  
ABN 62 129 445 398

TITLE	NAME	DATE
DRAWN	J.JACKSON	05.12.22
DRG CHECK	I.BROWN	05.12.22
DESIGN	N.WALL	05.12.22
DESIGN CHECK	I.BROWN	05.12.22
DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22

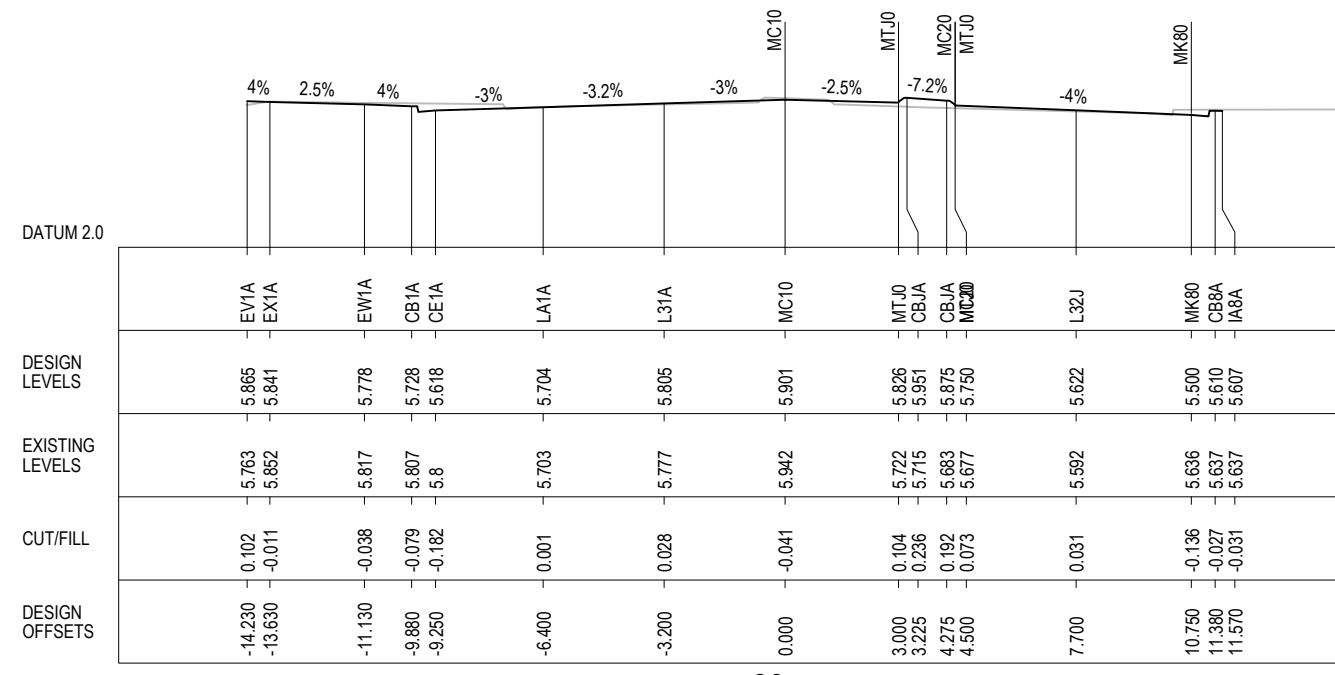
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DESIGN PROJECT No. <b>300312</b>	
ISSUE STATUS DETAILED DESIGN	EDMS No. -
SHEET No. RC-0002	ISSUE 0

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587.118



580

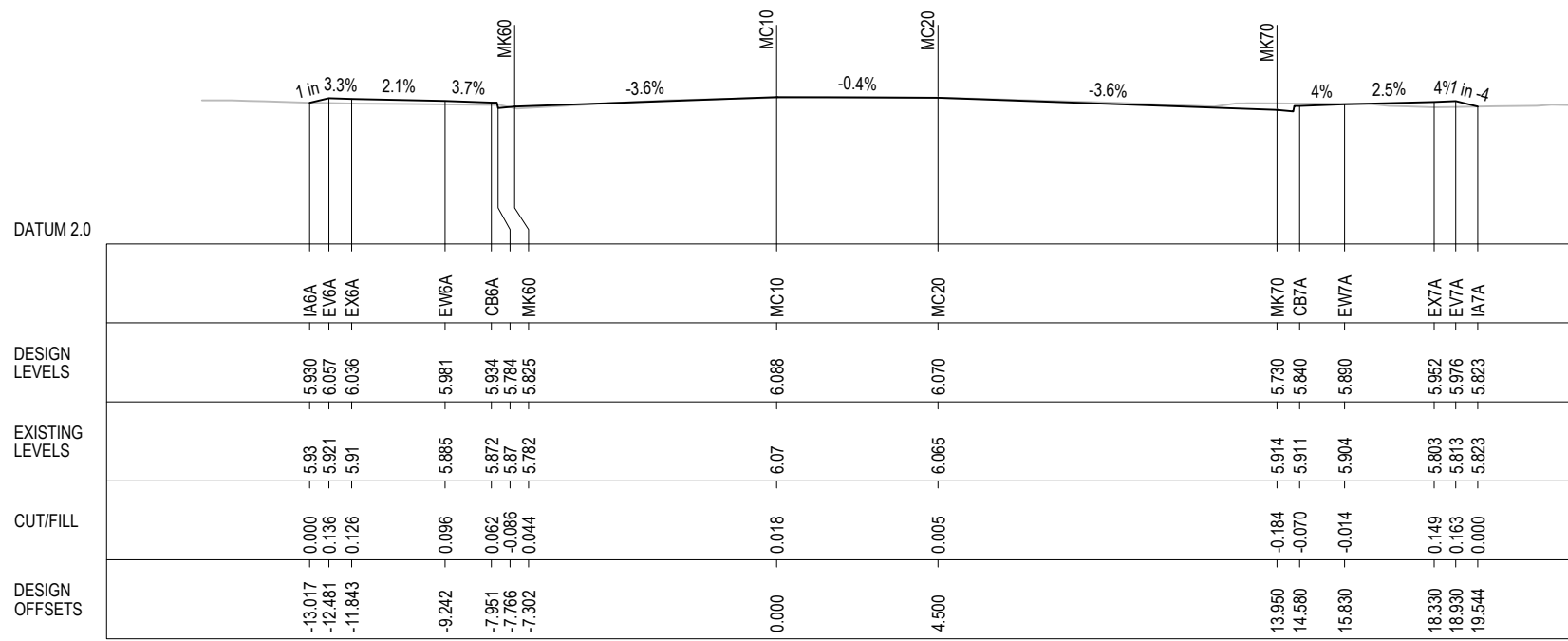
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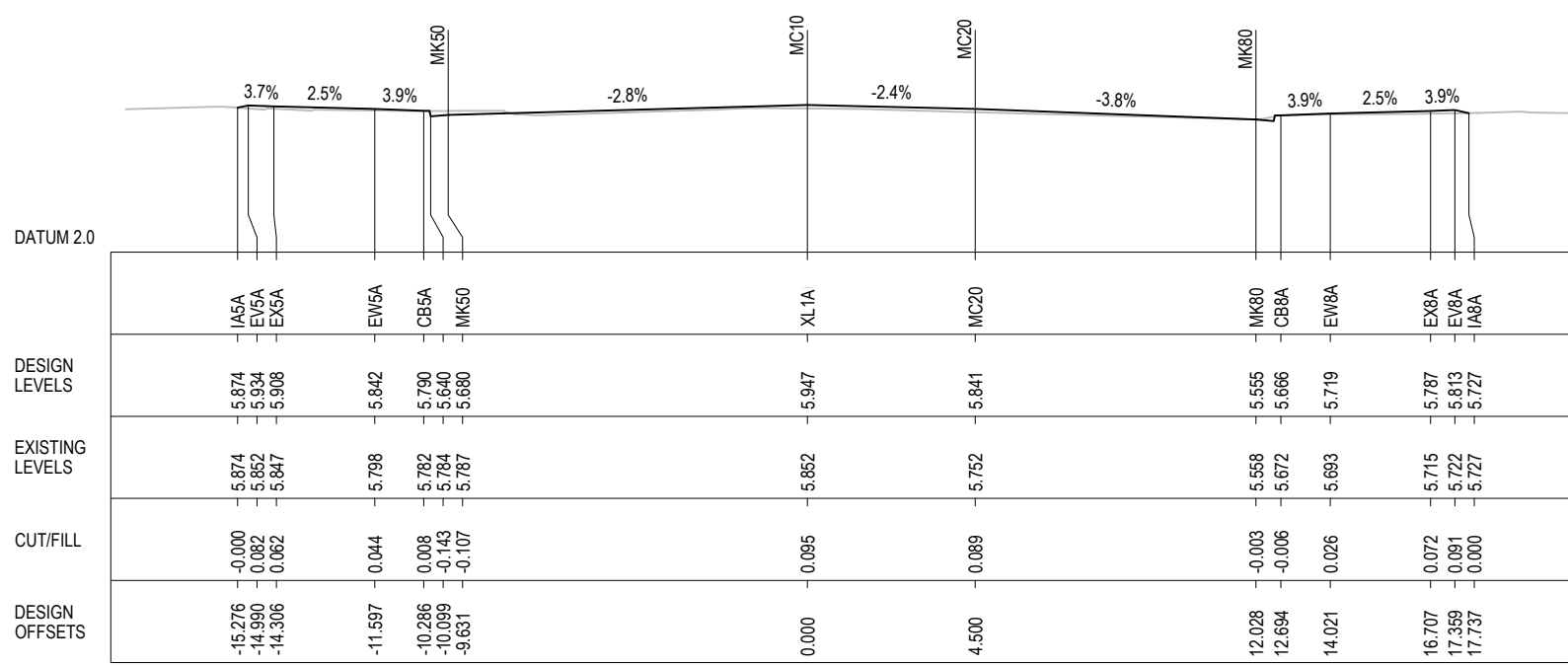
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 2 4 6 8 HORIZONTAL SCALE 1:200m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 	TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR	NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN	DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22	DESIGN PROJECT No. 300312	ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RC-0003	ISSUE 0



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620



590

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>
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x_DESIGN						SHEET No. RC-0004
x_SURVEY						ISSUE 0
x_DRAINAGE						
x_UTILITIES						

SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY
0 2 4 6 8 HORIZONTAL SCALE 1:200m	COMPANY NAME / LOGO
CO-ORDINATE SYSTEM MGA ZONE 56	Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coas@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398

TITLE	NAME	DATE
DRAWN	J.JACKSON	05.12.22
DRG CHECK	I.BROWN	05.12.22
DESIGN	N.WALL	05.12.22
DESIGN CHECK	I.BROWN	05.12.22
DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22

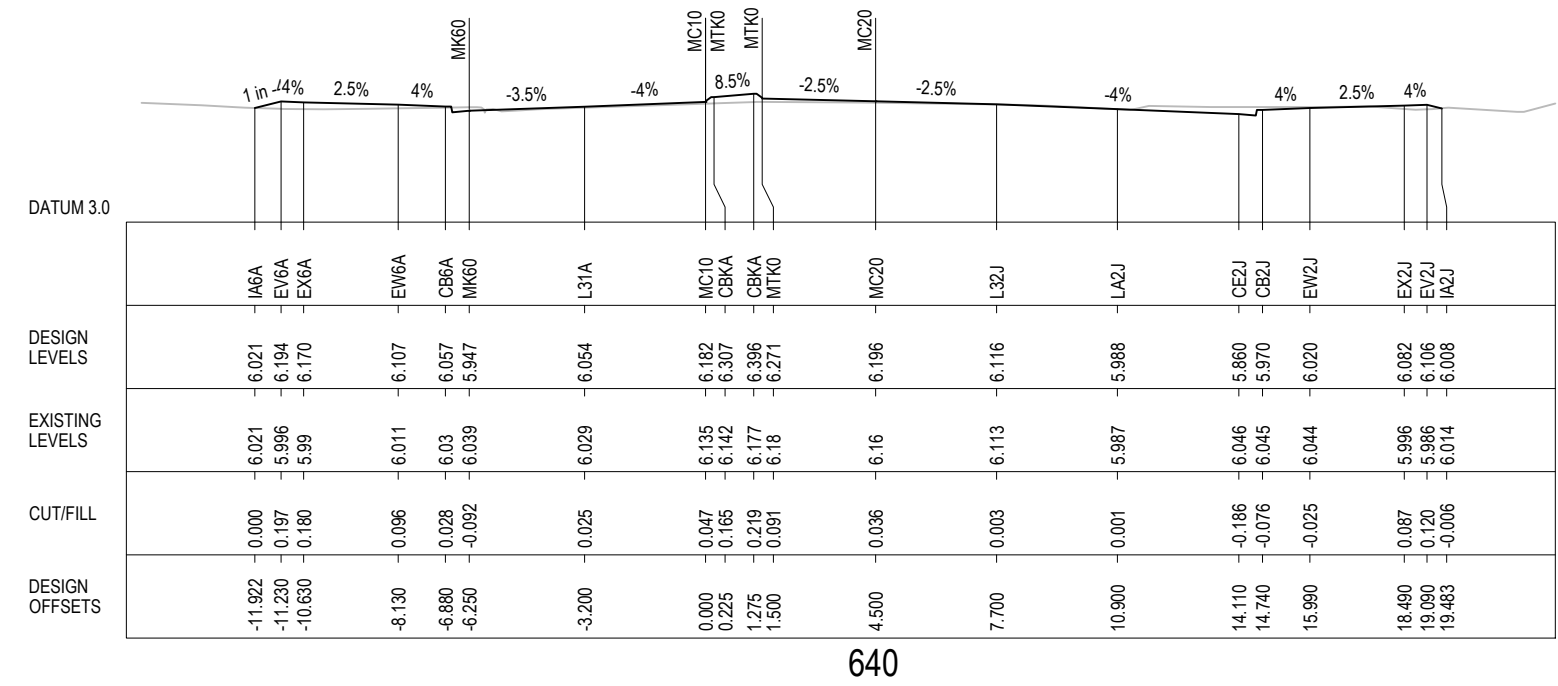


NOT FOR CONSTRUCTION

PART	A3
DESIGN PROJECT No.	300312
ISSUE STATUS	DETAILED DESIGN
EDMS No.	-
SHEET No.	RC-0004
ISSUE	0



NOTE  
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640



630

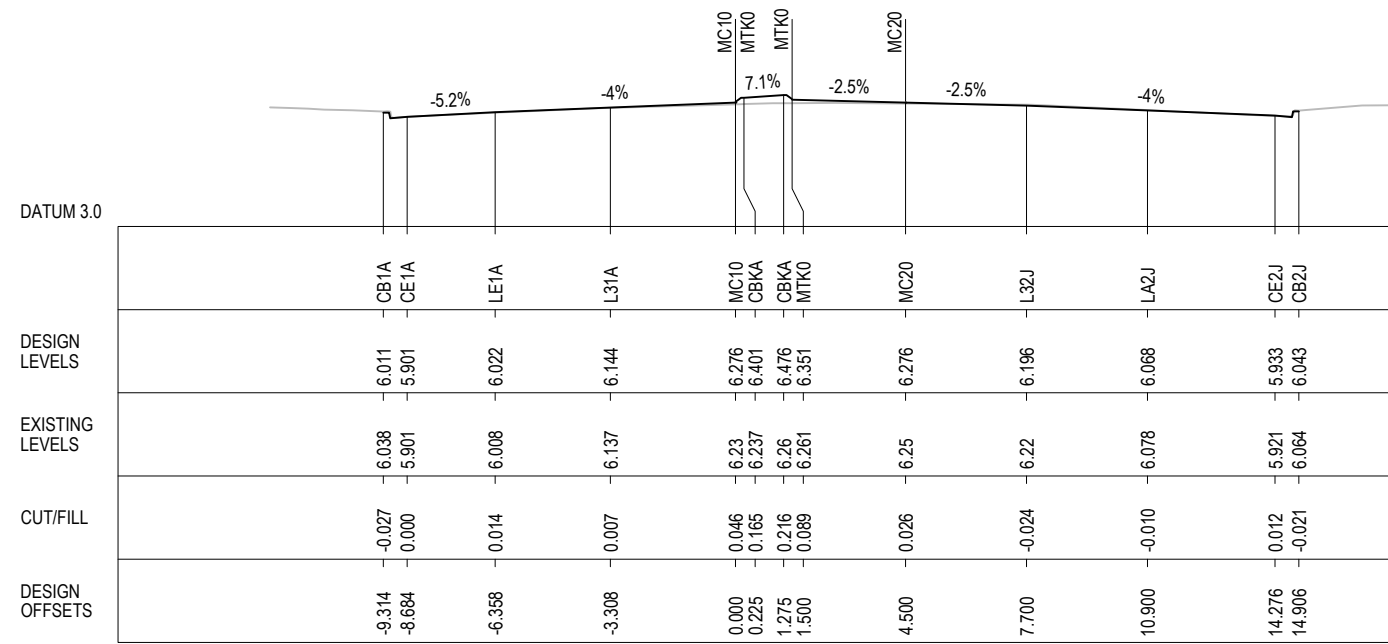
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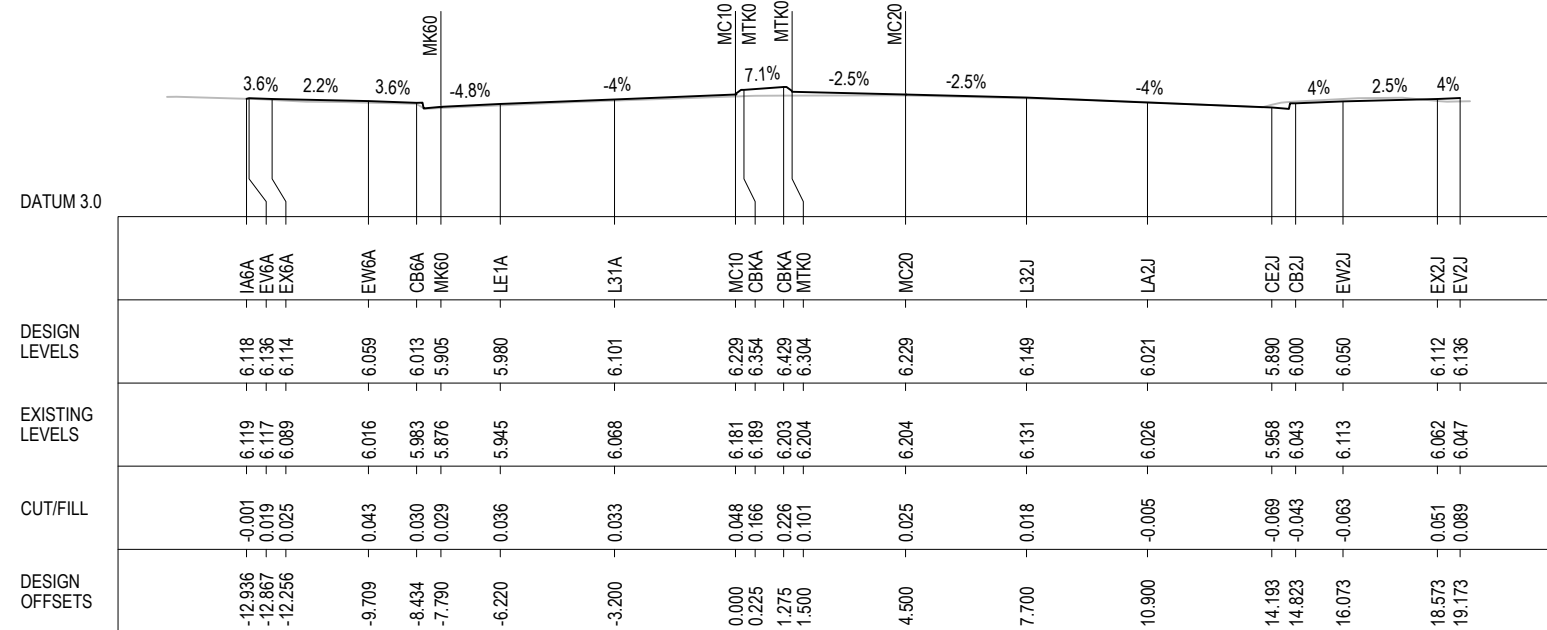
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	ISSUE 0	
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DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398				TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN		DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22



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660



650

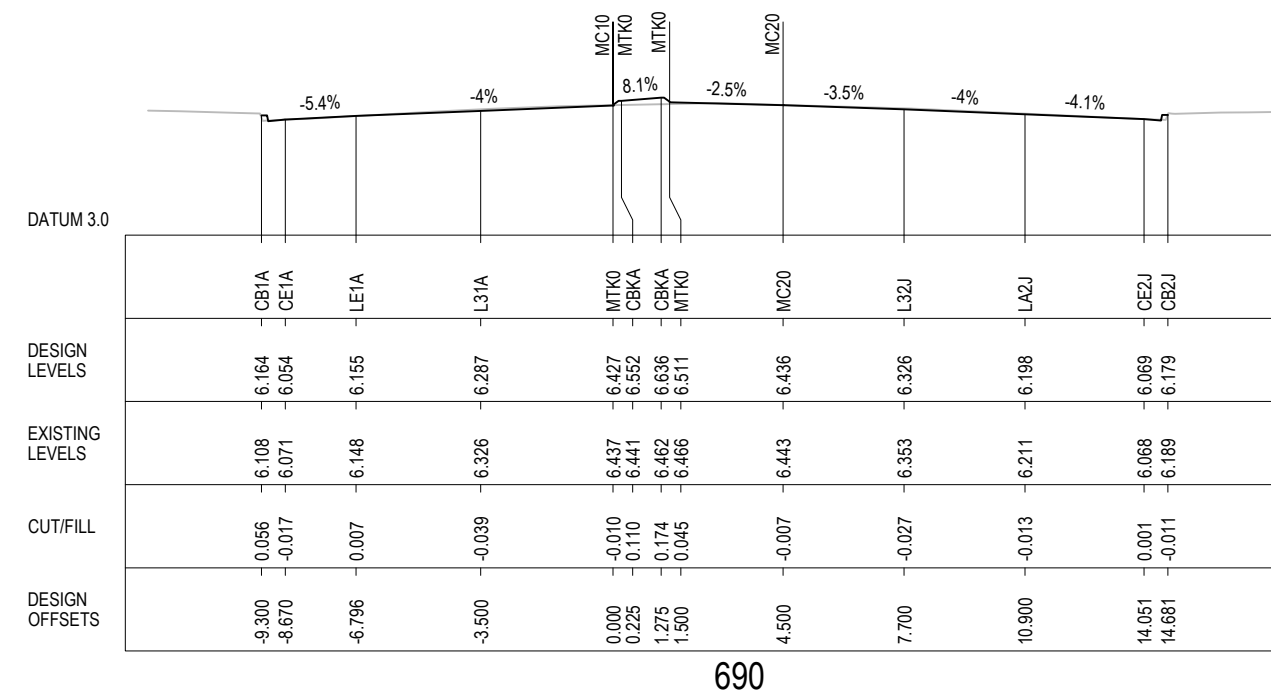
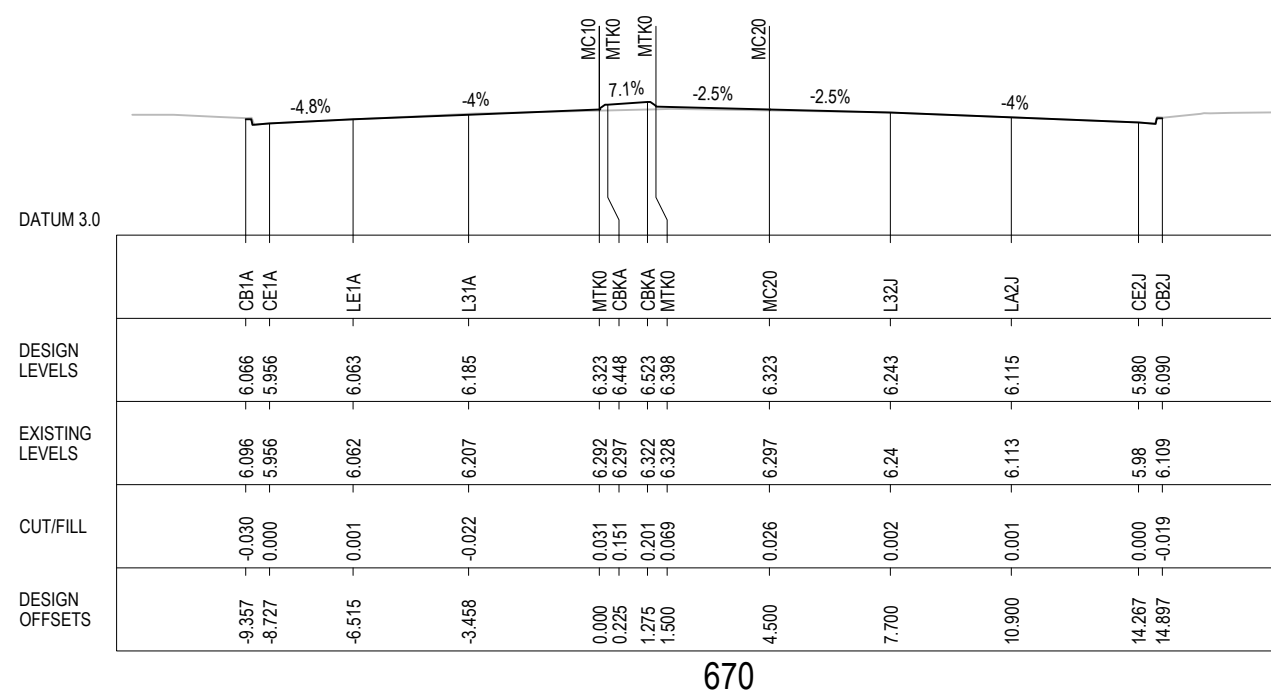
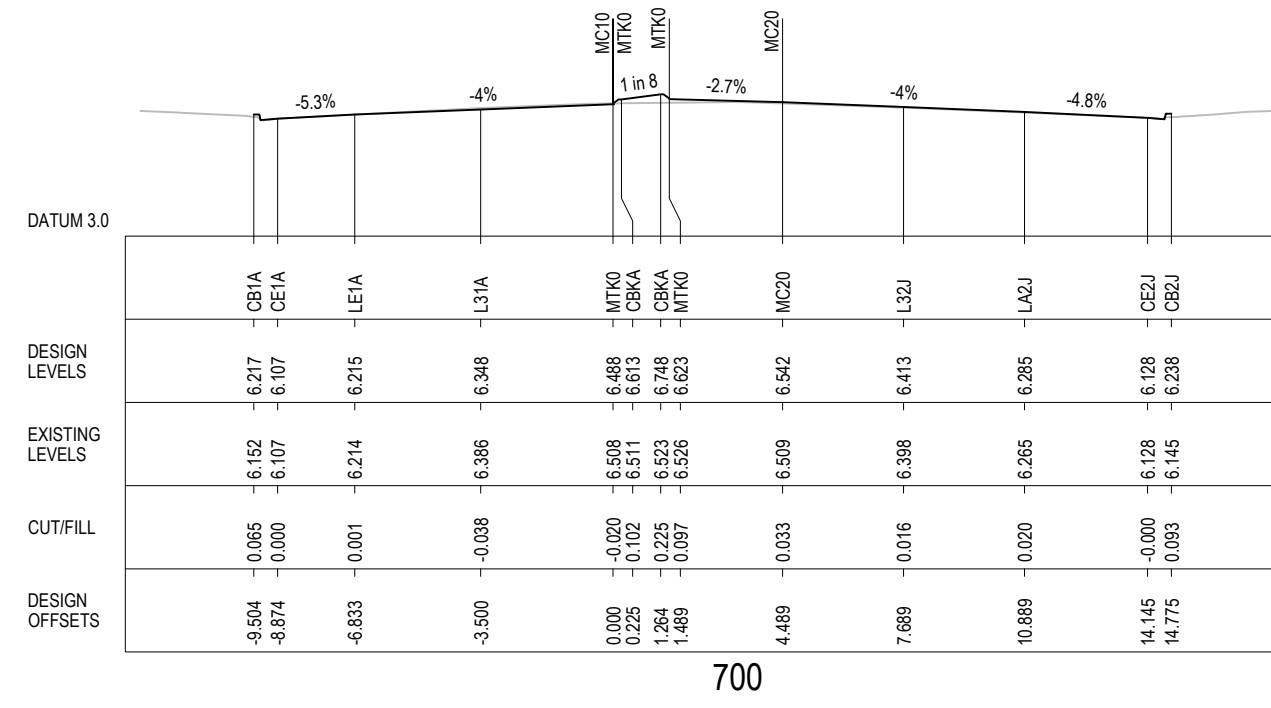
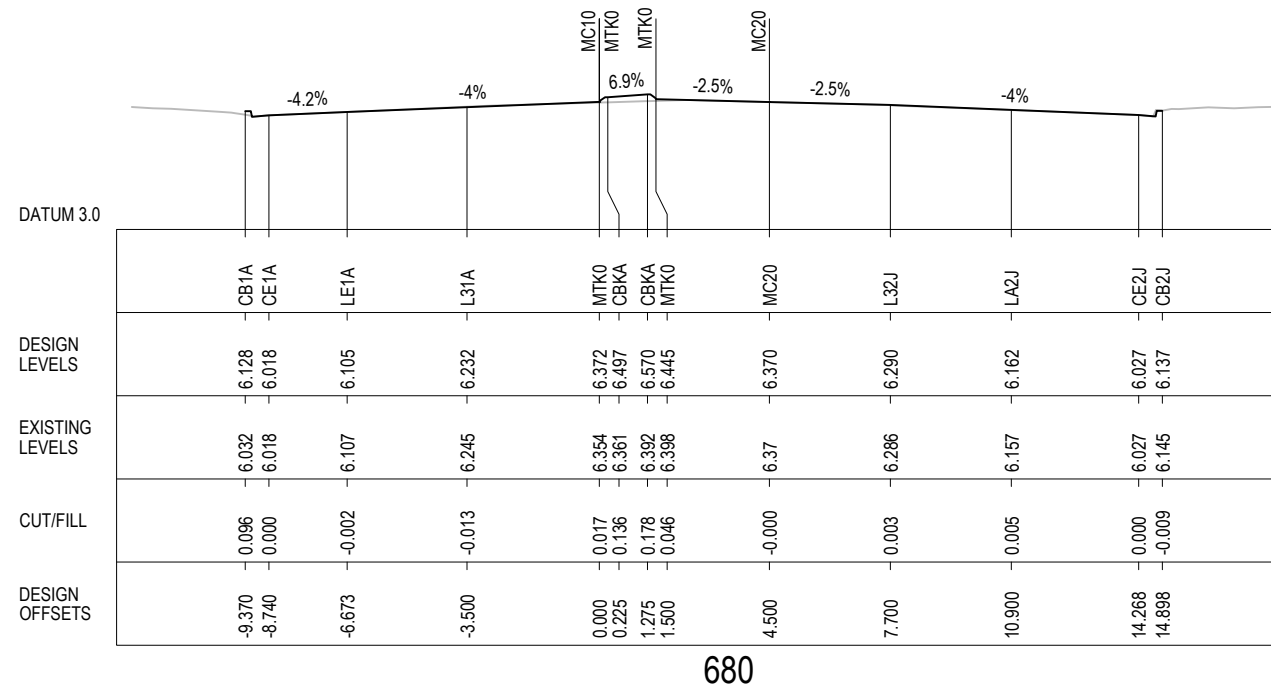
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50mm ON A3 SIZE ORIGINAL

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 2 4 6 8 HORIZONTAL SCALE 1:200m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 	TITLE	NAME	DATE		
x_SHT								DRAWN	J.JACKSON	05.12.22		
x_LABELS								DRG CHECK	I.BROWN	05.12.22		
x_DESIGN								DESIGN	N.WALL	05.12.22		
x_SURVEY								DESIGN CHECK	I.BROWN	05.12.22		
x_DRAINAGE								DESIGN MNGR	I.BROWN	05.12.22		
x_UTILITIES								PROJECT MNGR	I.BROWN	05.12.22		
CO-ORDINATE SYSTEM MGA ZONE 56								HEIGHT DATUM AHD				
DESIGN PROJECT No. 300312								ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RC-0006	PART -	ISSUE 0

NOTE  
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DRAWING FILE LOCATION / NAME s:\300312\DWG\engineering\ENG\detailed design\300312-DD-RC-0007.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12D\GOVERNOR MACQUARIE DRIVE\DESIGN	PLOT DATE / TIME 12/5/2022 10:24 AM	PLOT BY jacobj	CLIENT LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON ROAD CROSS SECTIONS GOVERNOR MACQUARIE DRIVE - SHEET 7
EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>
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x_UTILITIES						

SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
0 2 4 6 8 HORIZONTAL SCALE 1:200m	Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398
CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD

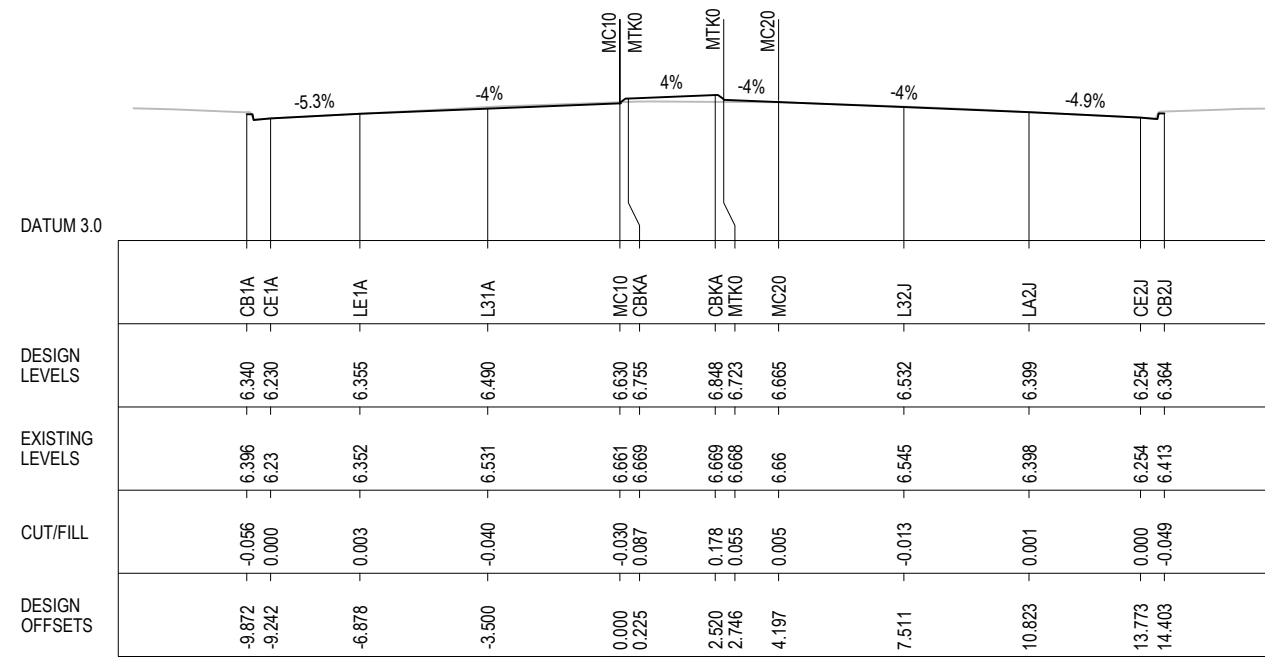
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DRG CHECK	I.BROWN	05.12.22
DESIGN	N.WALL	05.12.22
DESIGN CHECK	I.BROWN	05.12.22
DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22



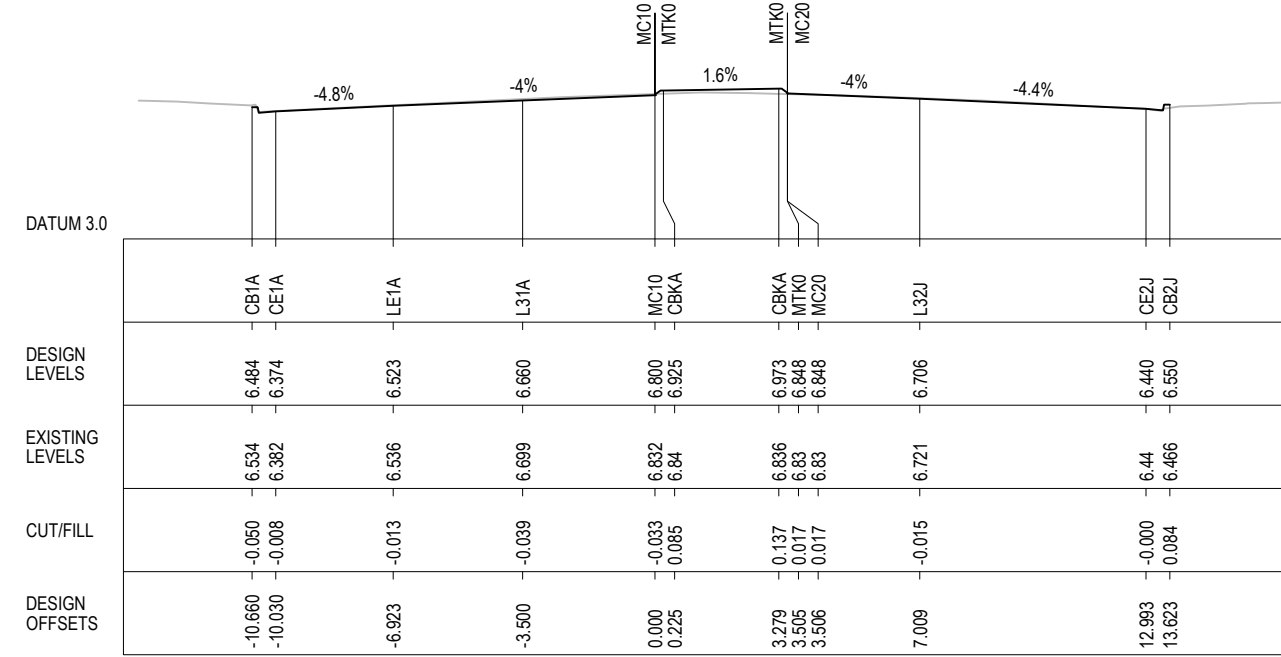
LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON ROAD CROSS SECTIONS GOVERNOR MACQUARIE DRIVE - SHEET 7		A3
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NOT FOR CONSTRUCTION

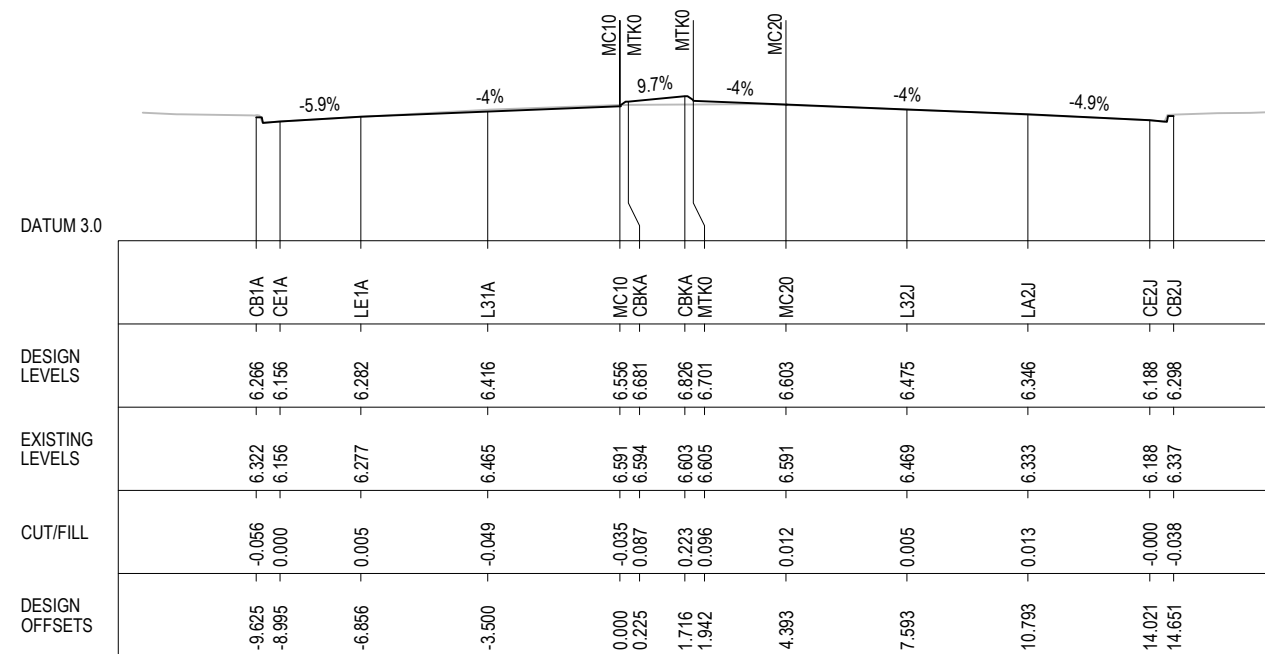
NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



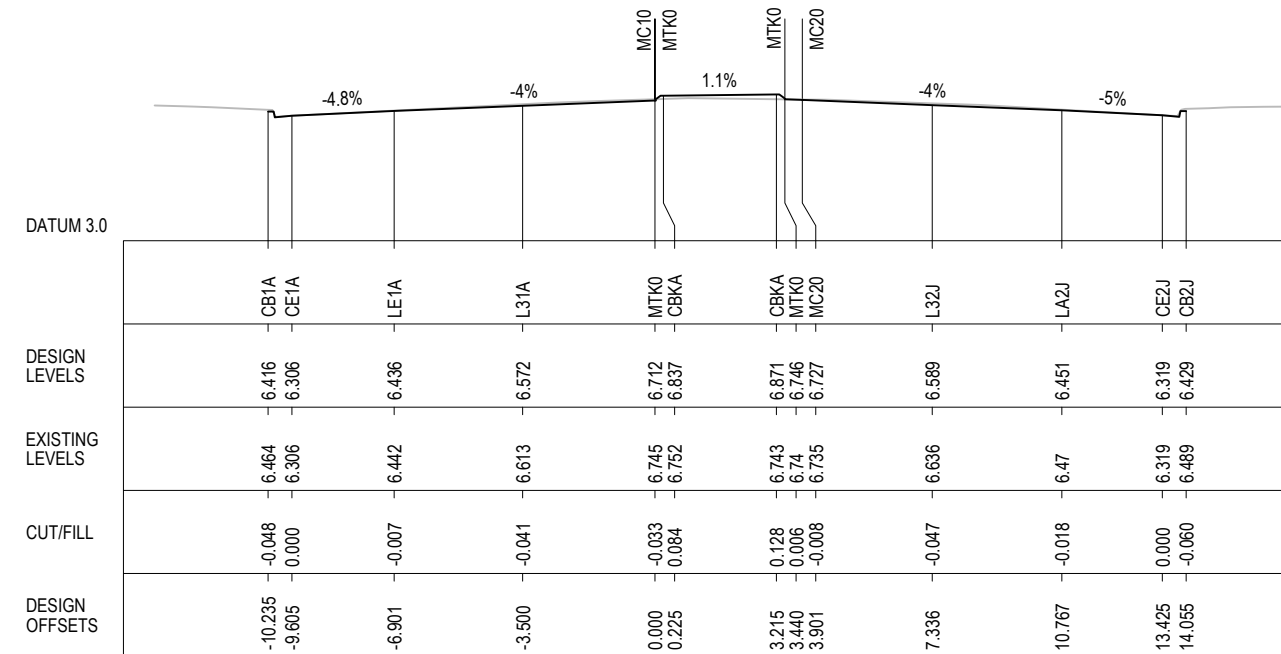
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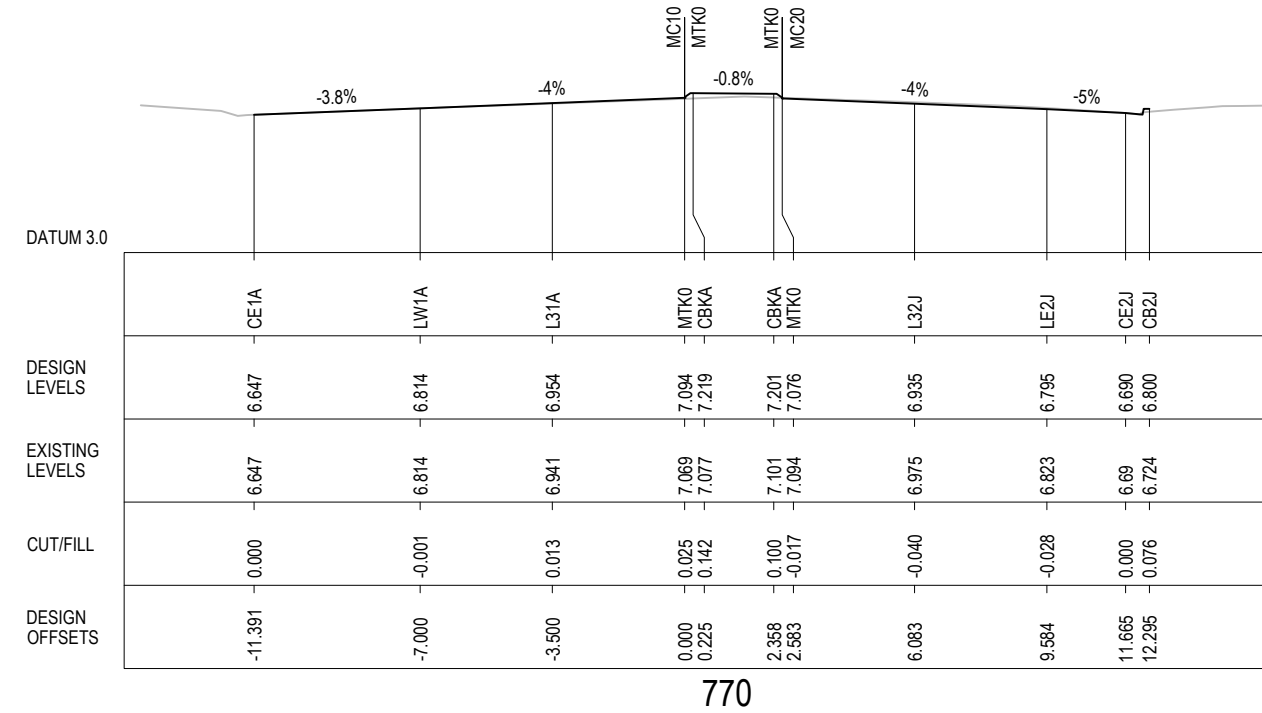
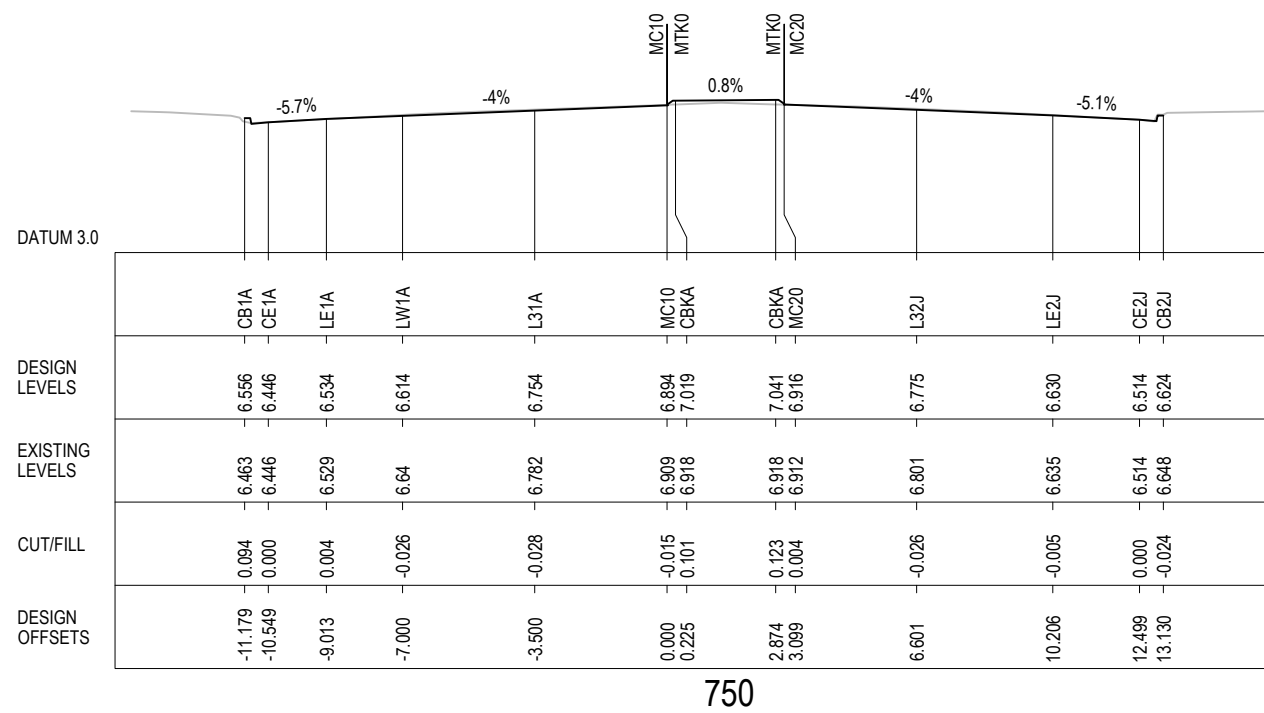
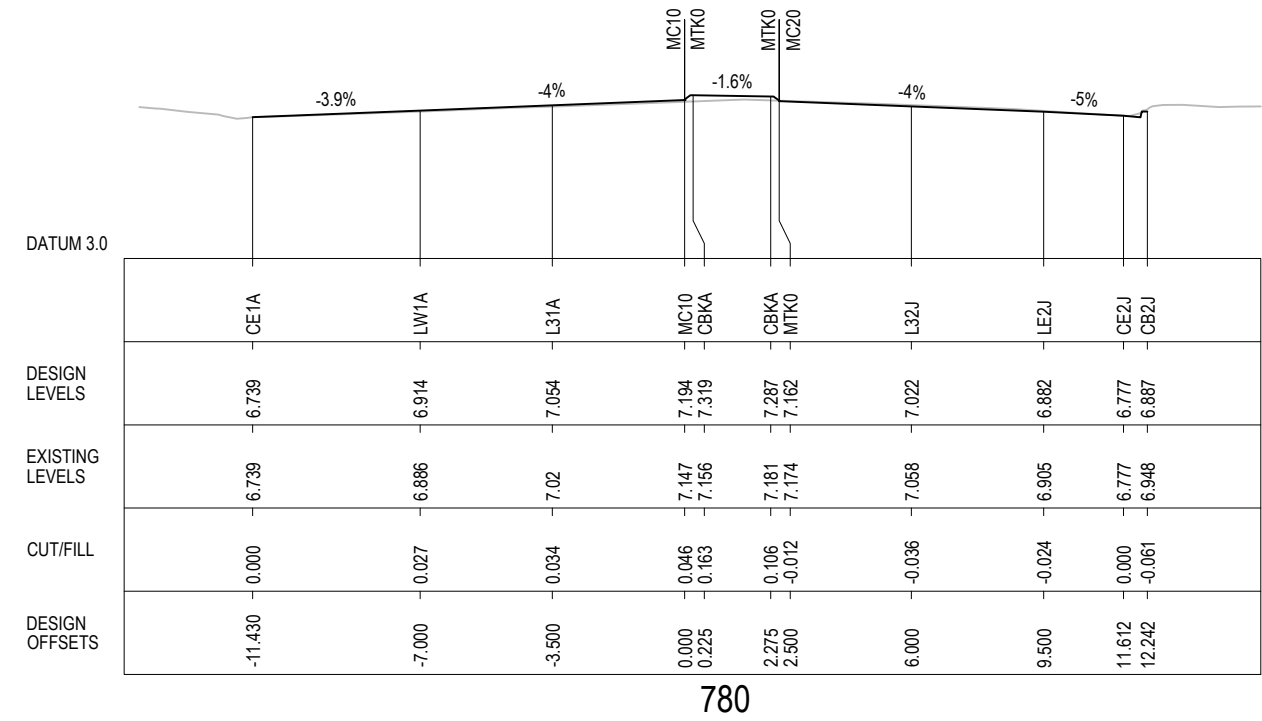
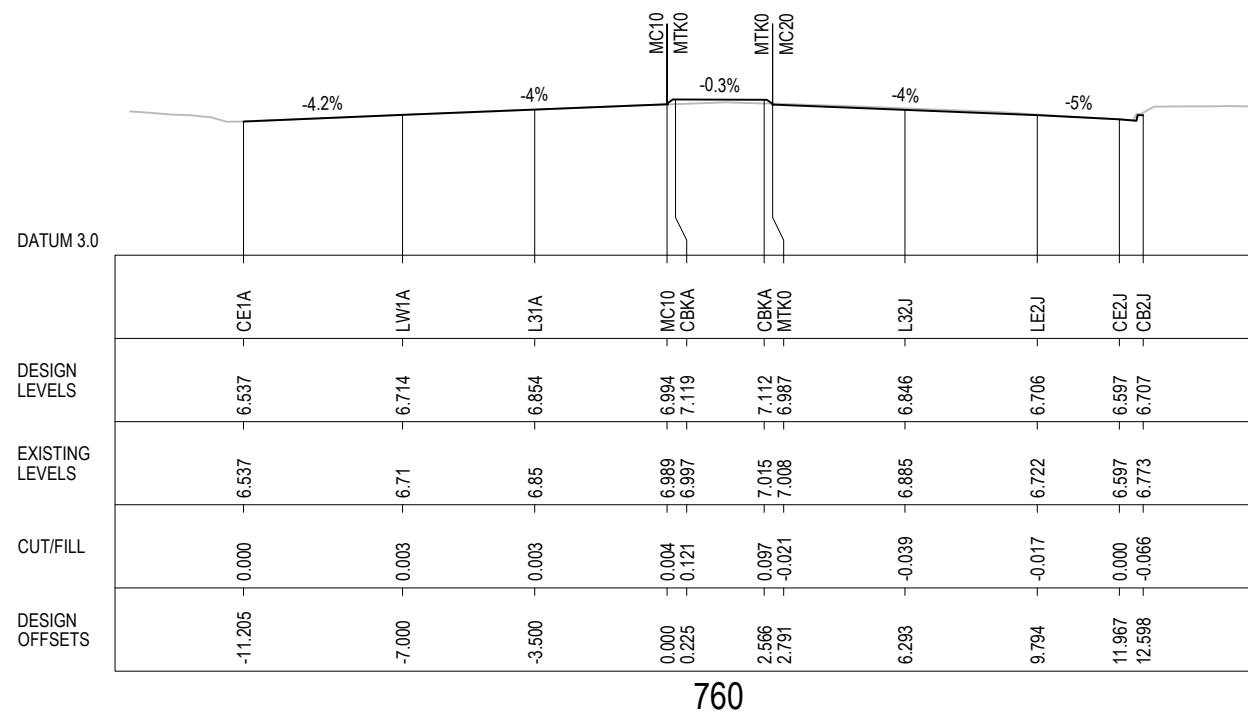
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. 300312	PART -
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SCALES ON A3 SIZE DRAWING HORIZONTAL SCALE 1:200m		DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 		TITLE DRAWN J.JACKSON 05.12.22 DRG CHECK I.BROWN 05.12.22 DESIGN N.WALL 05.12.22 DESIGN CHECK I.BROWN 05.12.22 DESIGN MNGR I.BROWN 05.12.22 PROJECT MNGR I.BROWN 05.12.22		SHEET No. RC-0008	ISSUE 0



NOTE  
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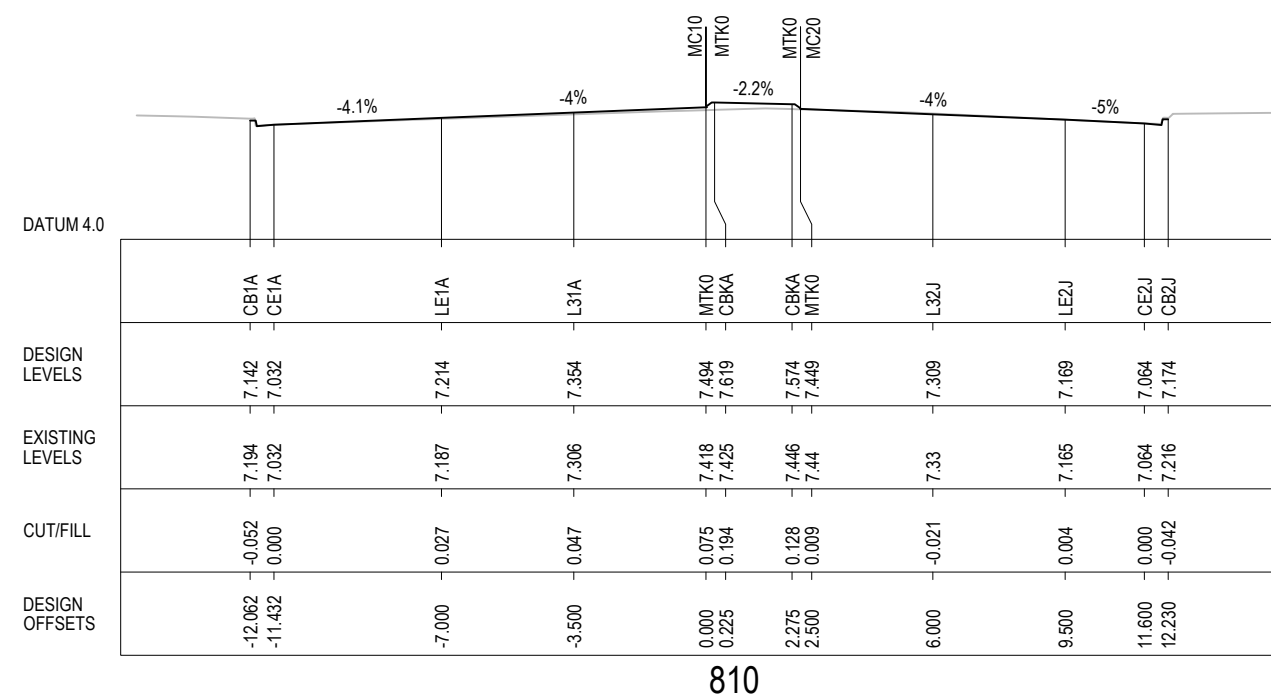
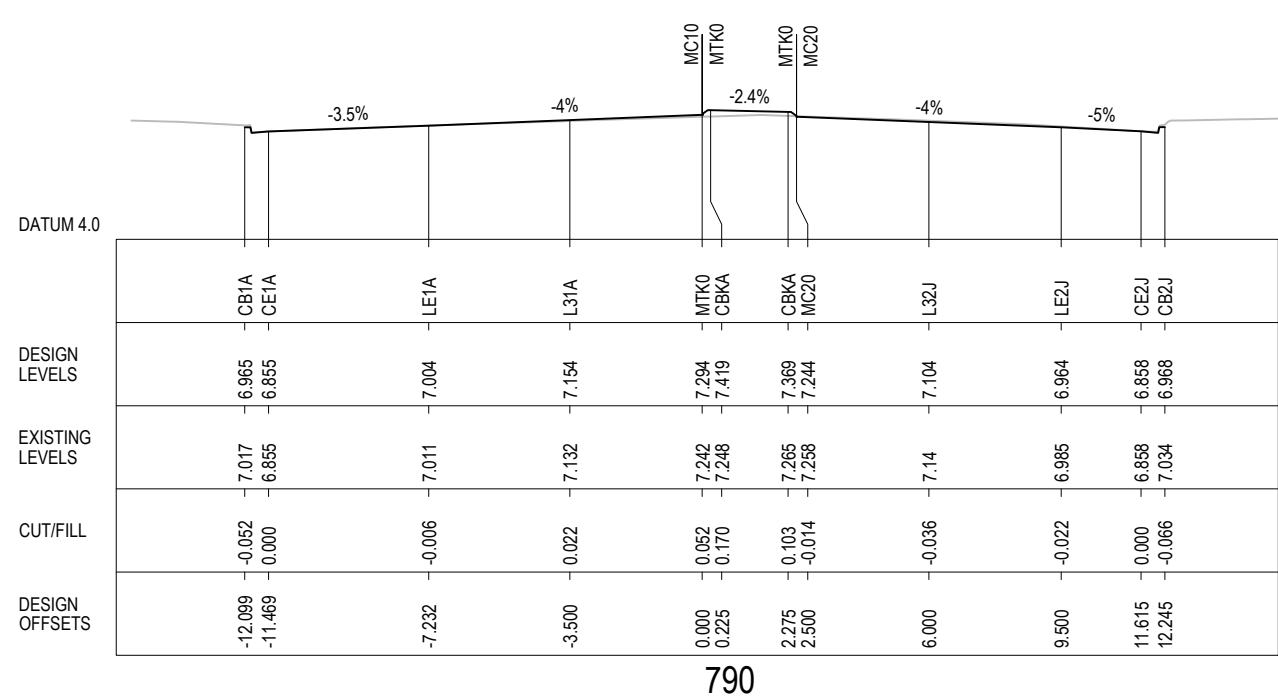
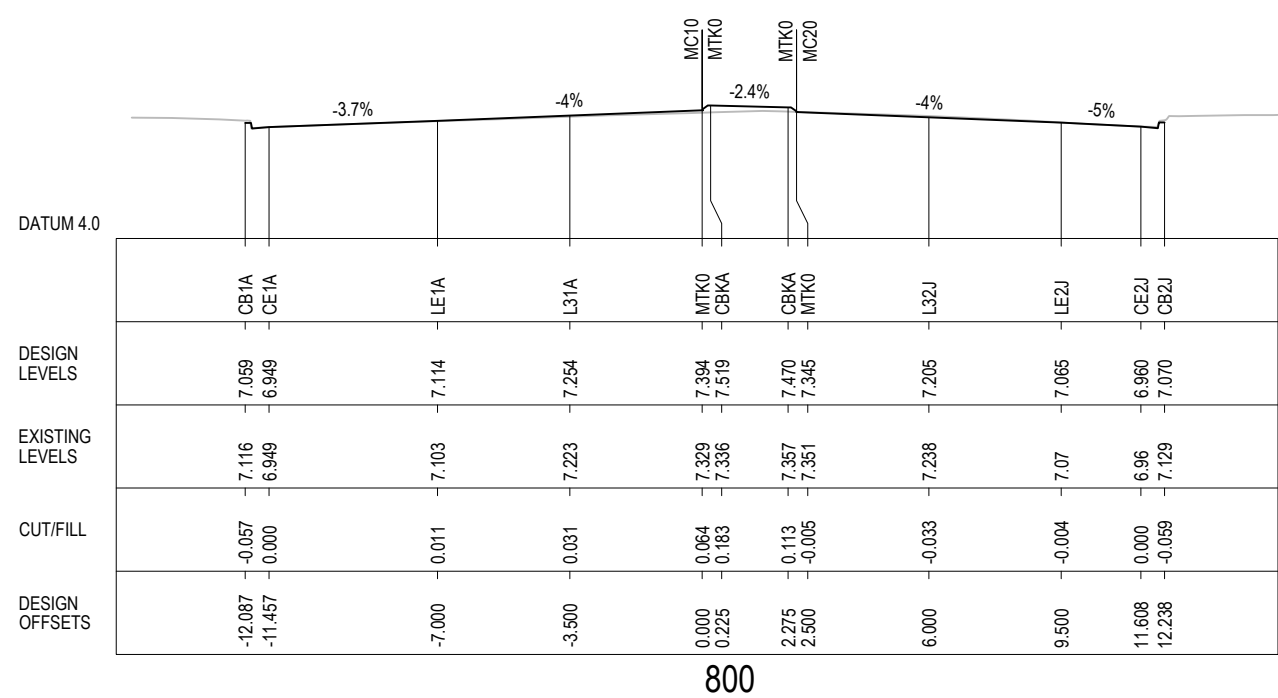
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50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 2 4 6 8 HORIZONTAL SCALE 1:200m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
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x_LABELS							
x_DESIGN							
x_SURVEY							
x_DRAINAGE							
x_UTILITIES							
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						ISSUE STATUS DETAILED DESIGN	ISSUE 0
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NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



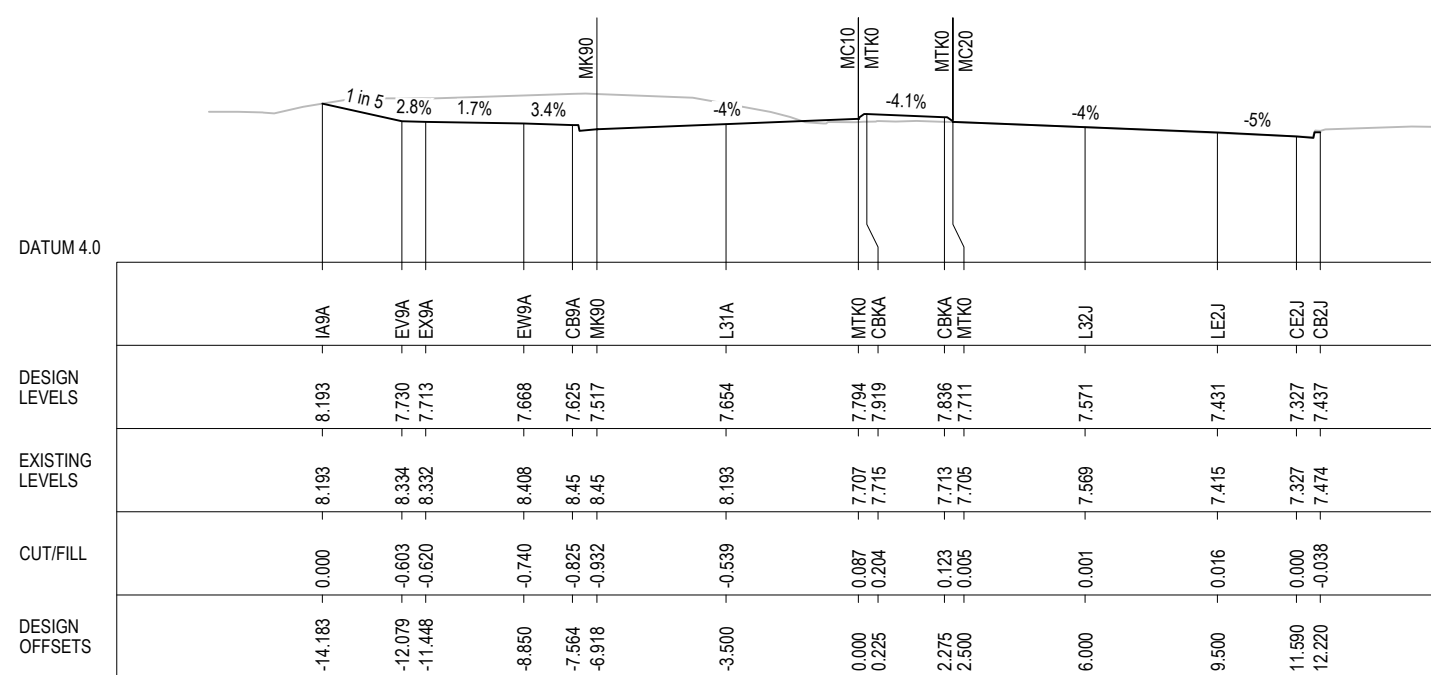
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50mm ON A3 SIZE ORIGINAL

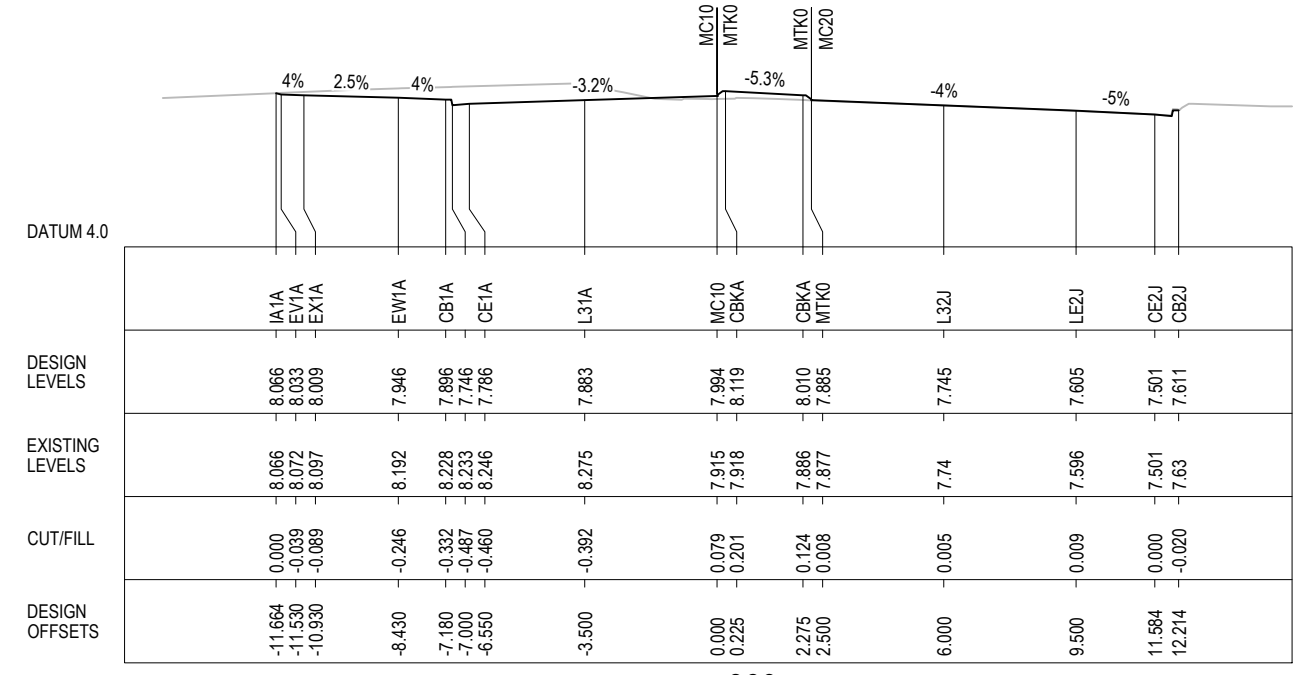
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 2 4 6 8 HORIZONTAL SCALE 1:200m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22	
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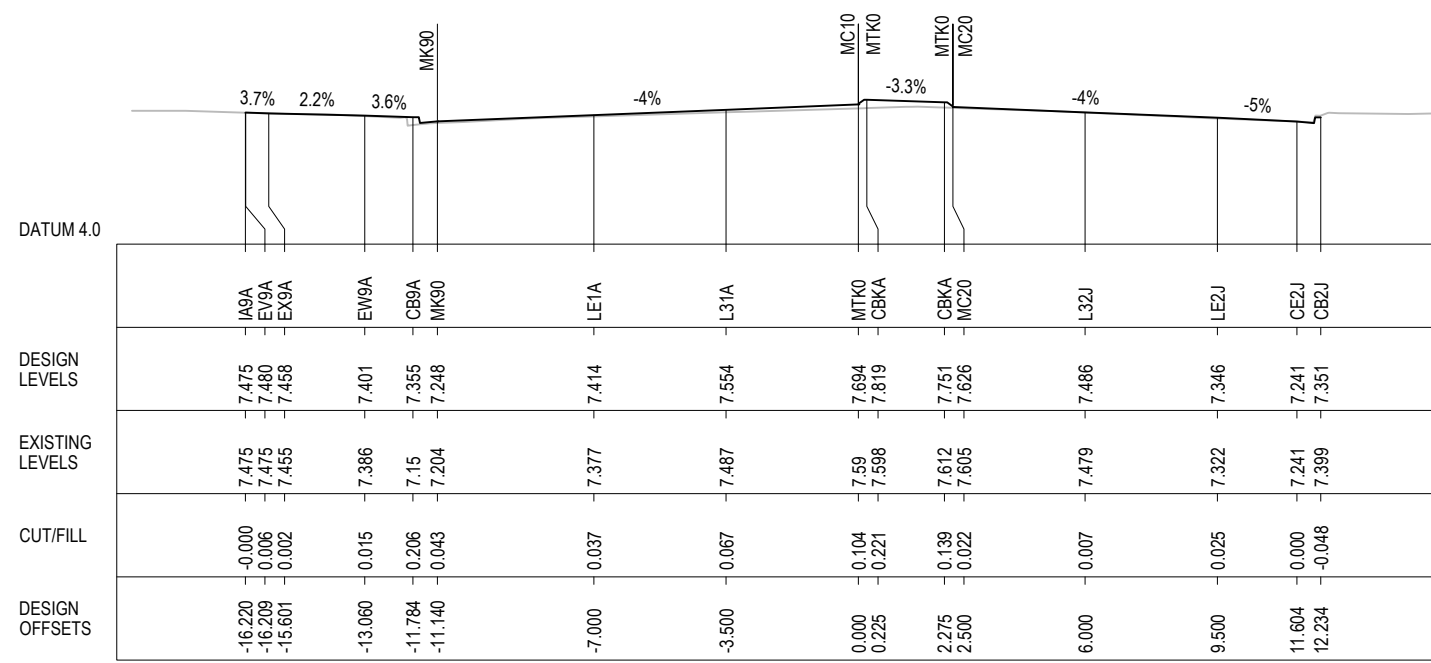
NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



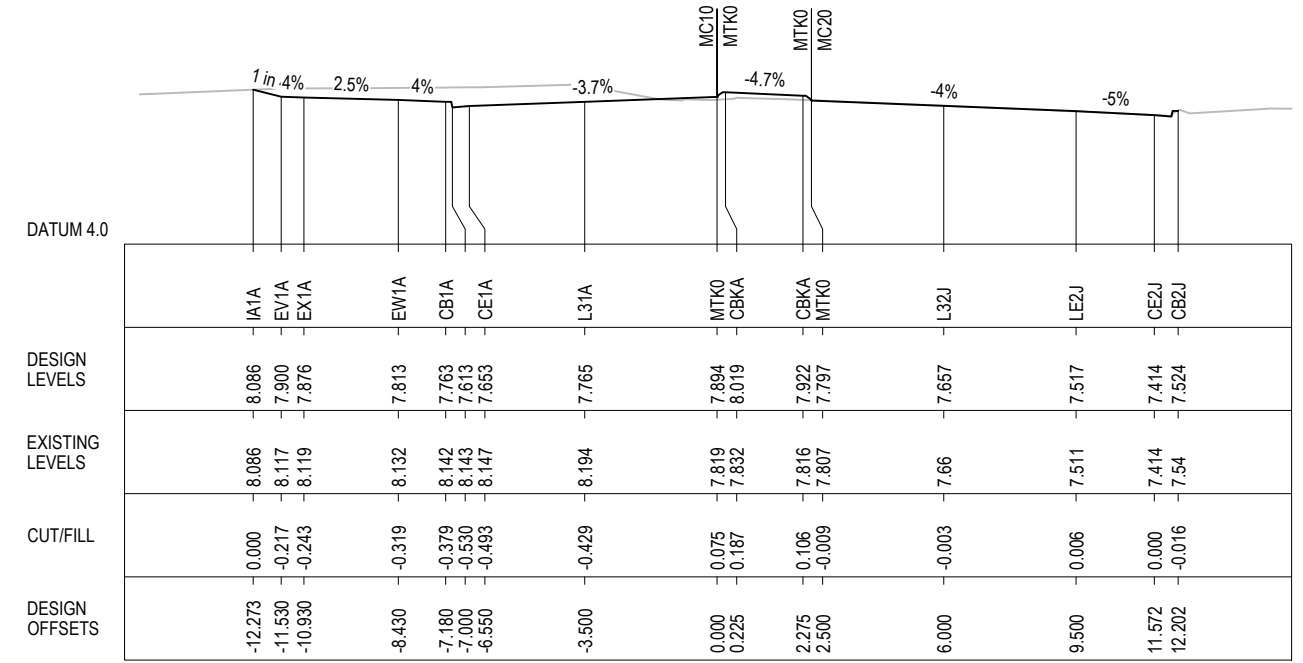
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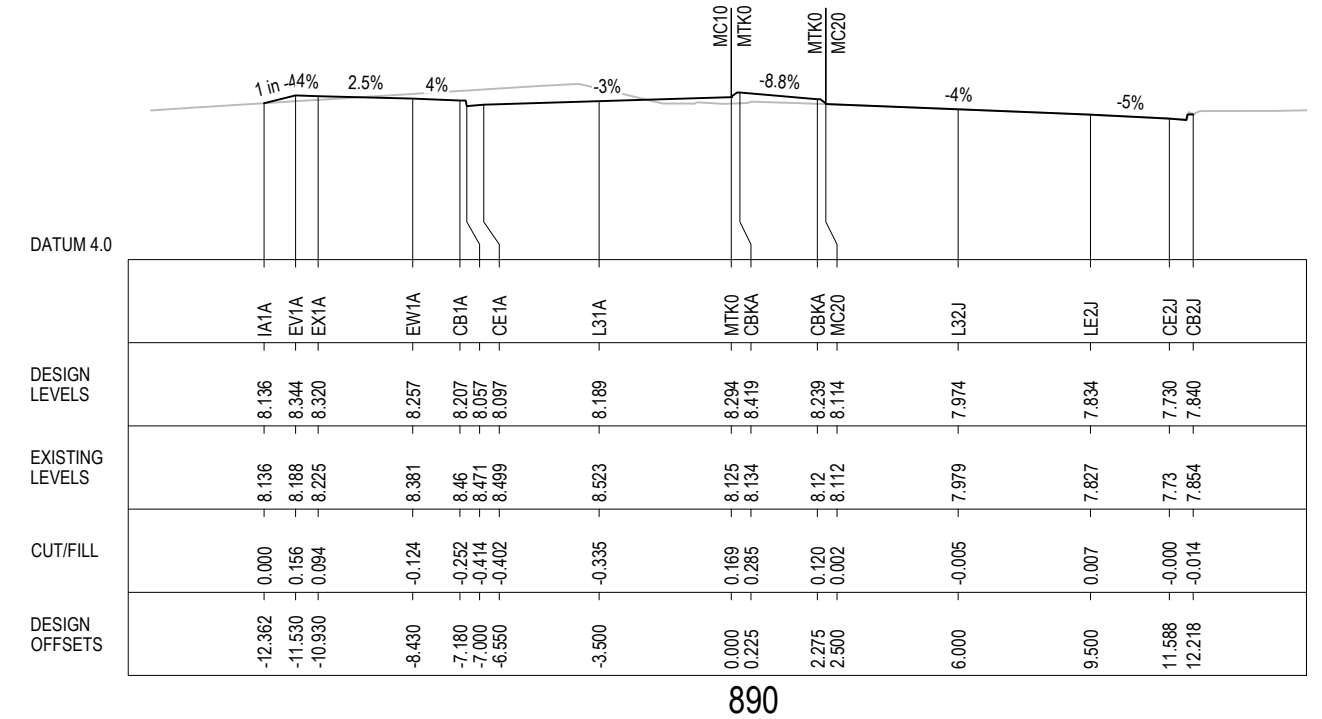
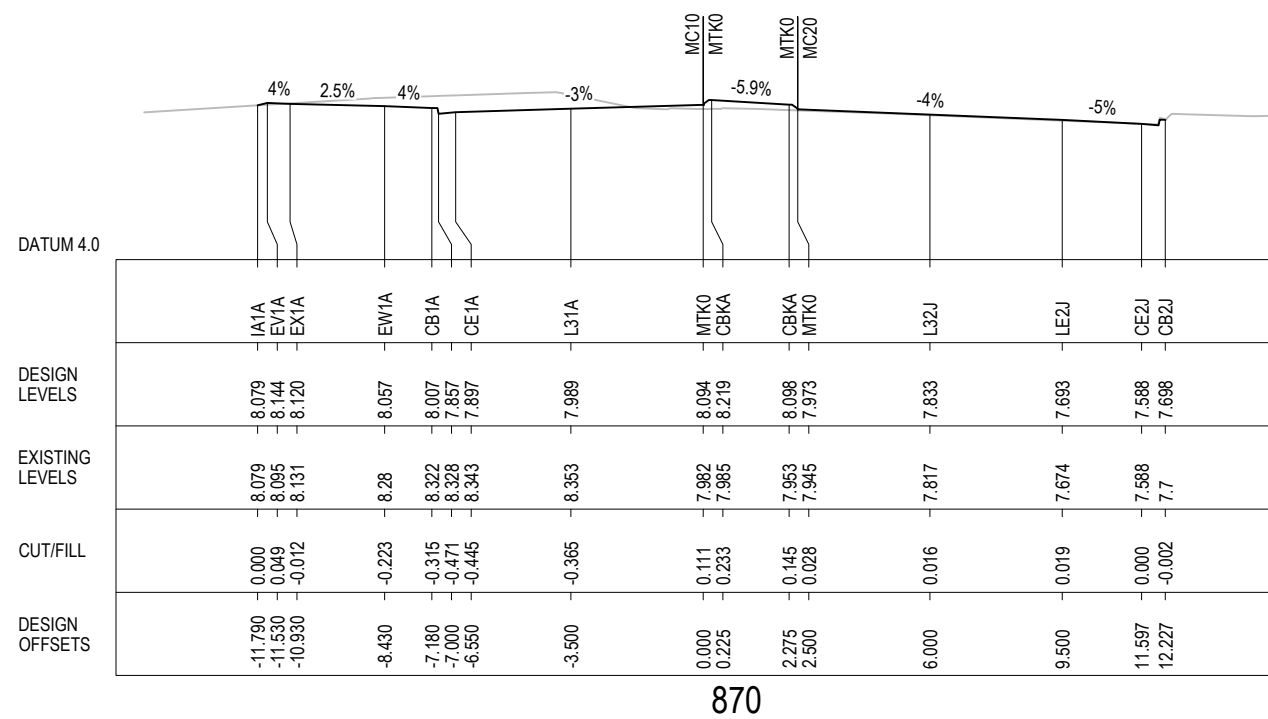
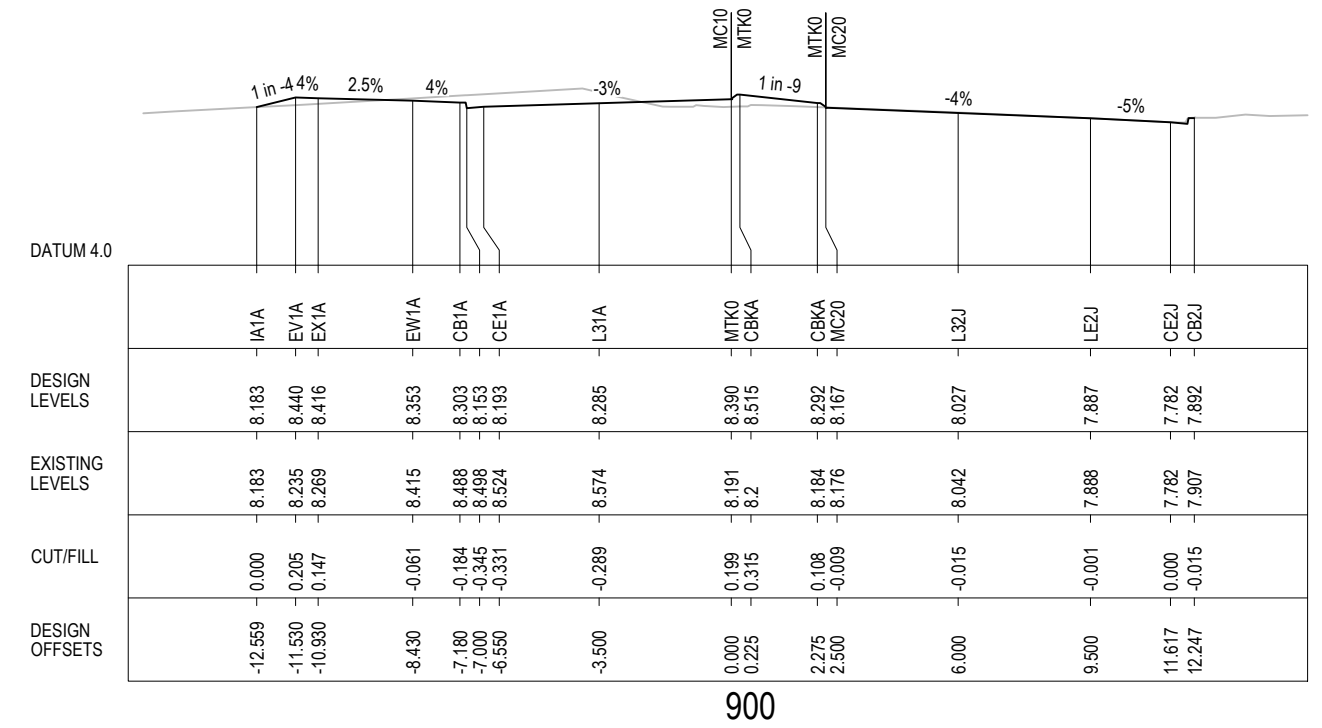
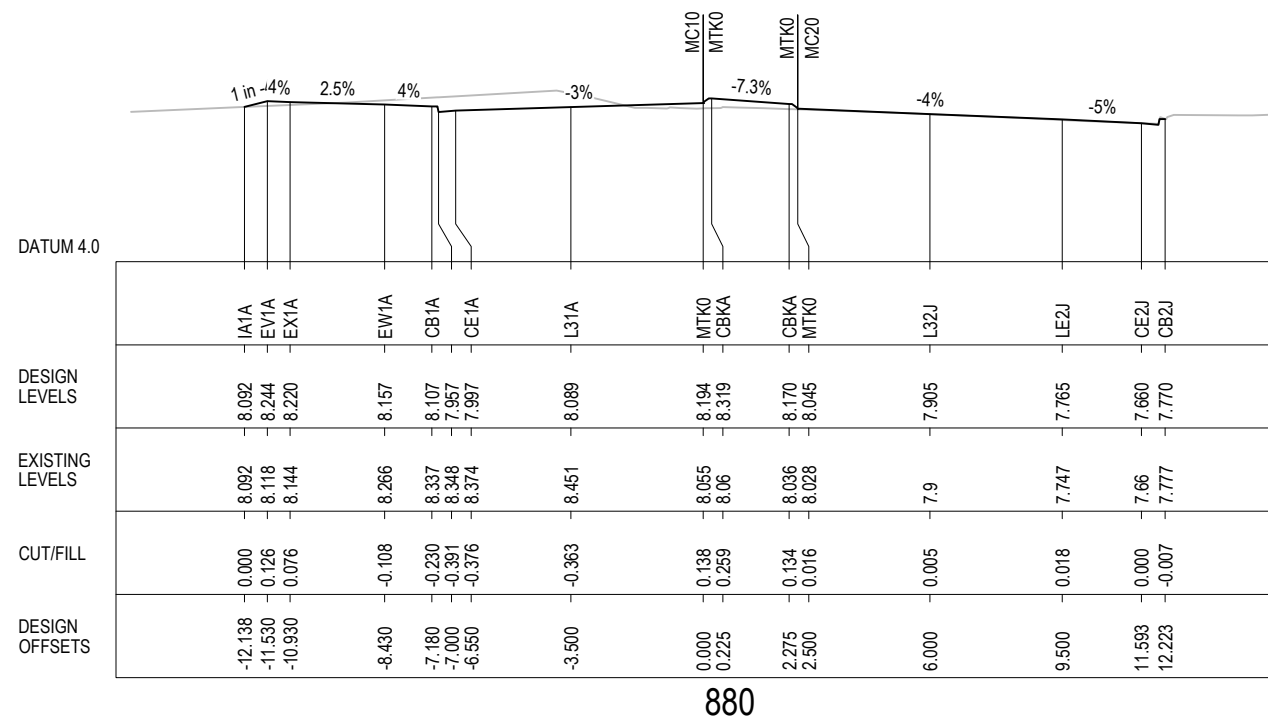
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WWR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 2 4 6 8 HORIZONTAL SCALE 1:200m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
x_SHT							
x_LABELS							
x_DESIGN							
x_SURVEY							
x_DRAINAGE							
x_UTILITIES							
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		TITLE		DATE	
				DRAWN J.JACKSON		05.12.22	
				DRG CHECK I.BROWN		05.12.22	
				DESIGN N.WALL		05.12.22	
				DESIGN CHECK I.BROWN		05.12.22	
				DESIGN MNGR I.BROWN		05.12.22	
				PROJECT MNGR I.BROWN		05.12.22	
DESIGN PROJECT No. 300312		ISSUE STATUS DETAILED DESIGN		EDMS No. -		SHEET No. RC-0011	
						PART -	
						ISSUE 0	

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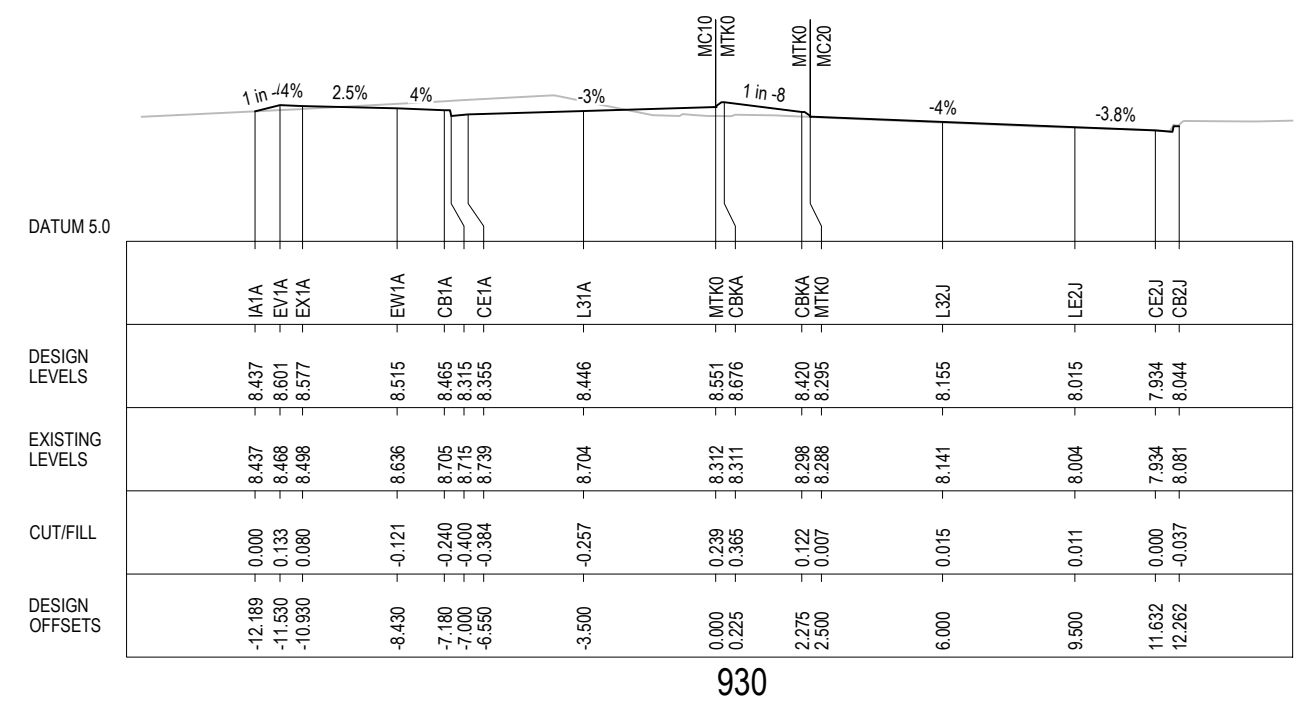
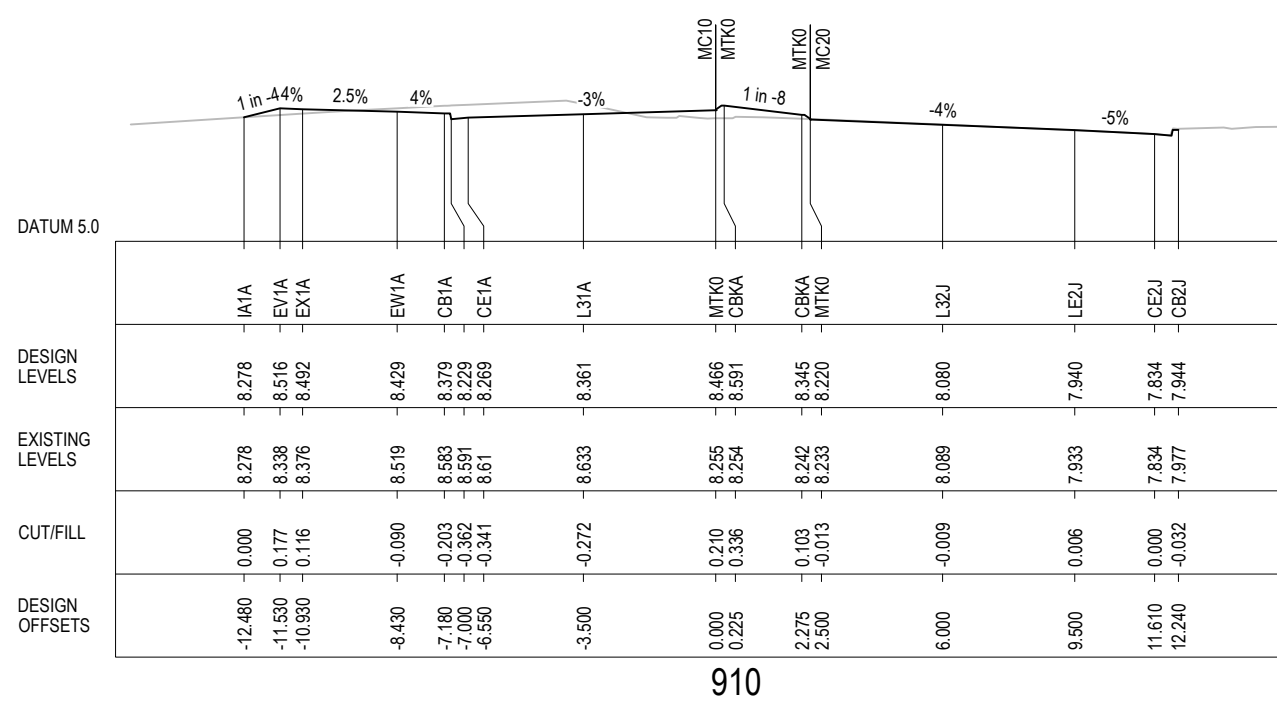
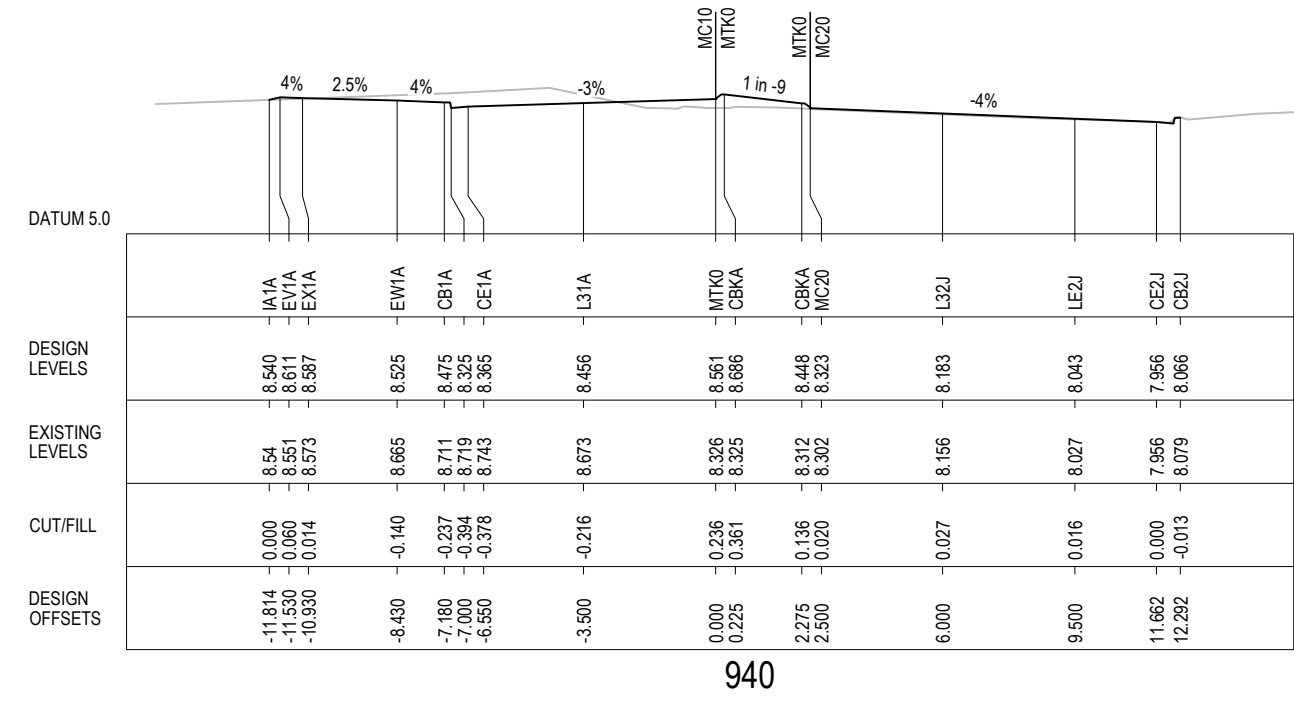
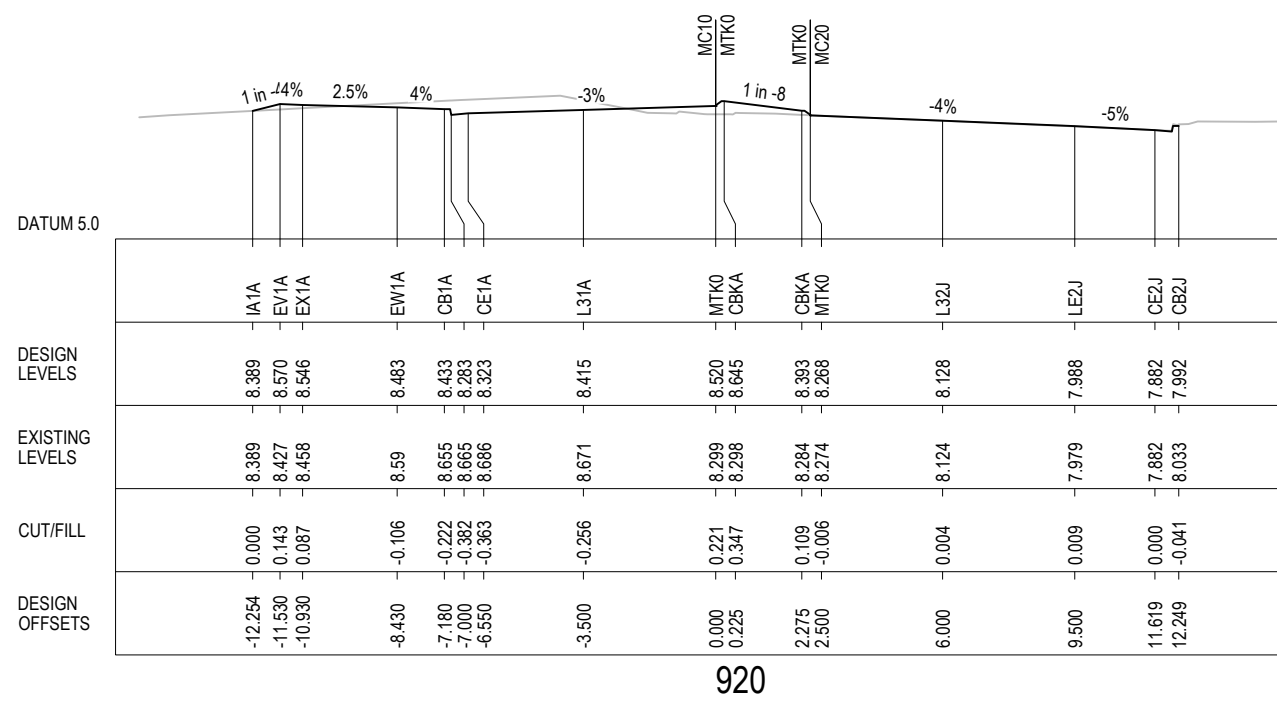
50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 2 4 6 8 HORIZONTAL SCALE 1:200m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
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x_LABELS							
x_DESIGN							
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x_DRAINAGE							
x_UTILITIES							
TITLE		NAME		DATE		DESIGN PROJECT No. <b>300312</b>	
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PROJECT MNGR		I.BROWN		05.12.22		ISSUE 0	
© Roads and Maritime Services							



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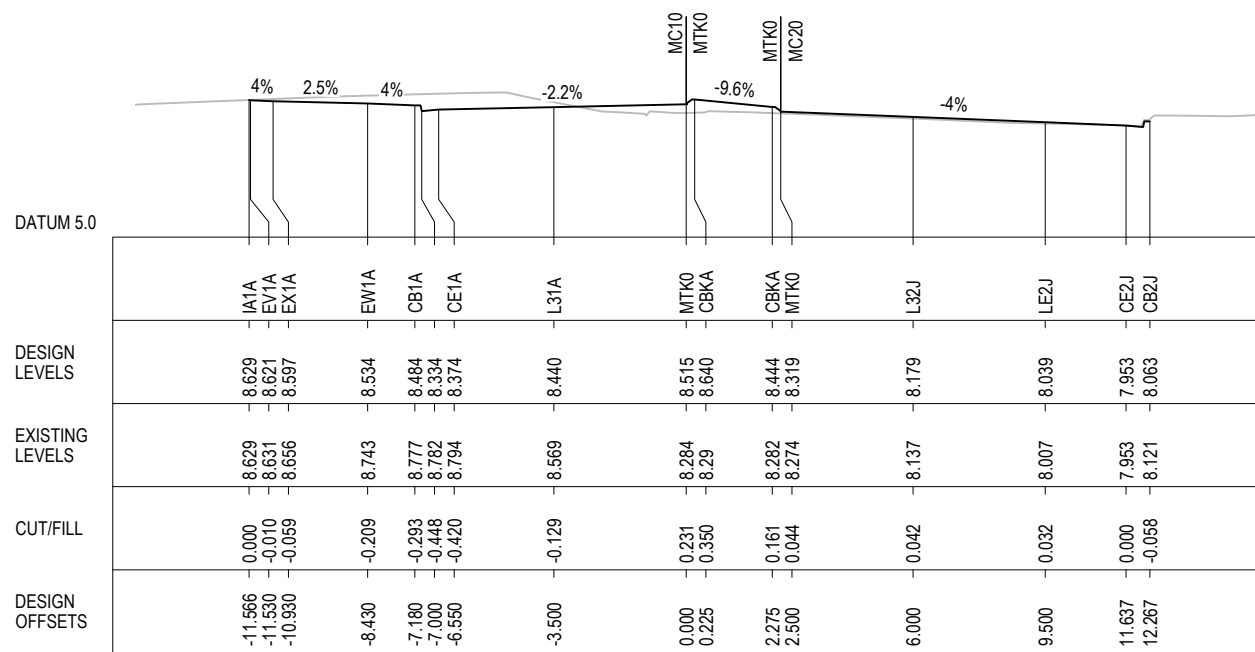


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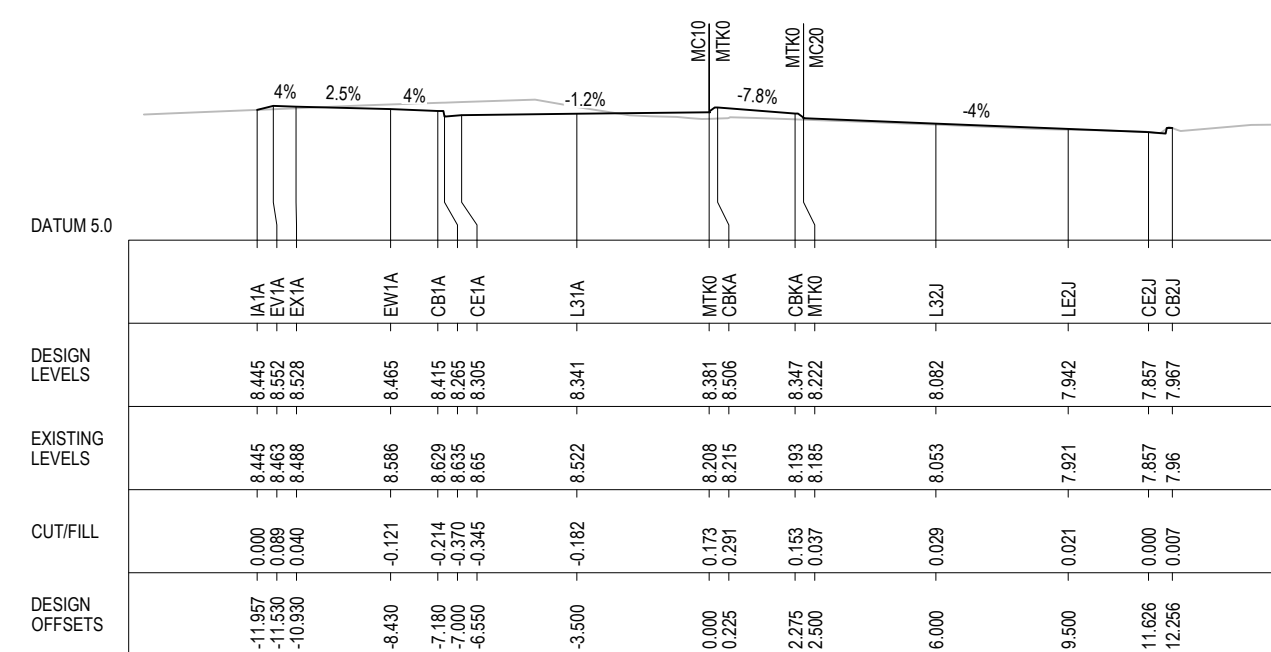
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COMPANY NAME / LOGO 		CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		EDMS No. -	
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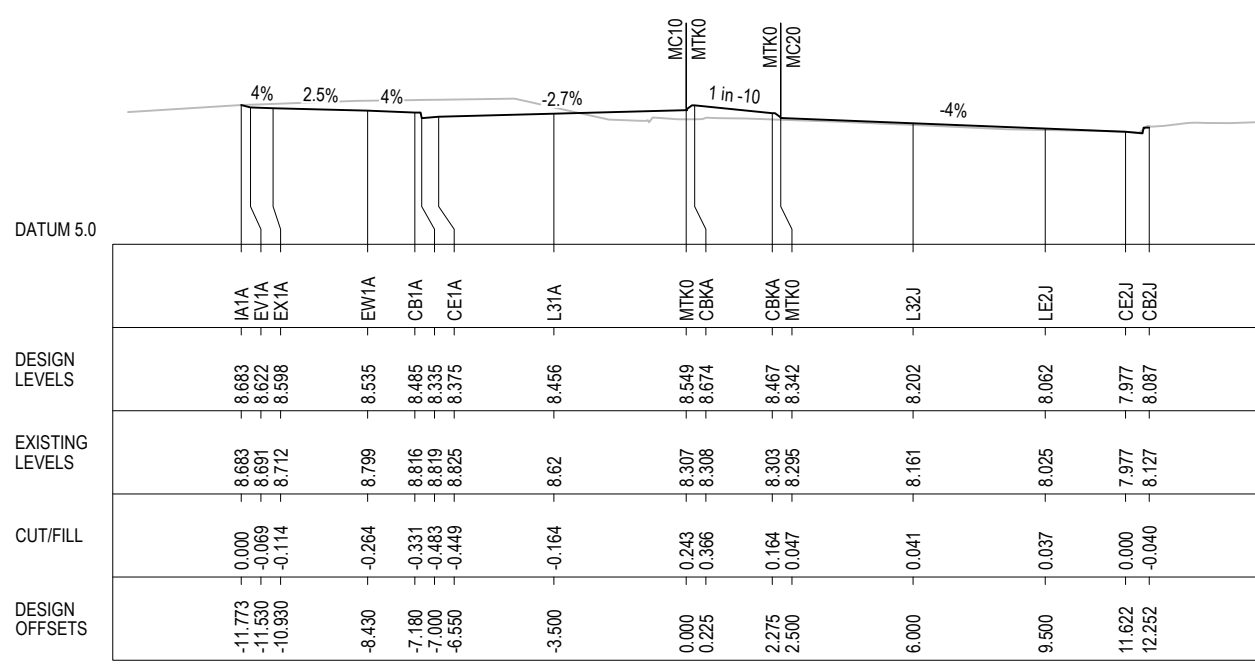
NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



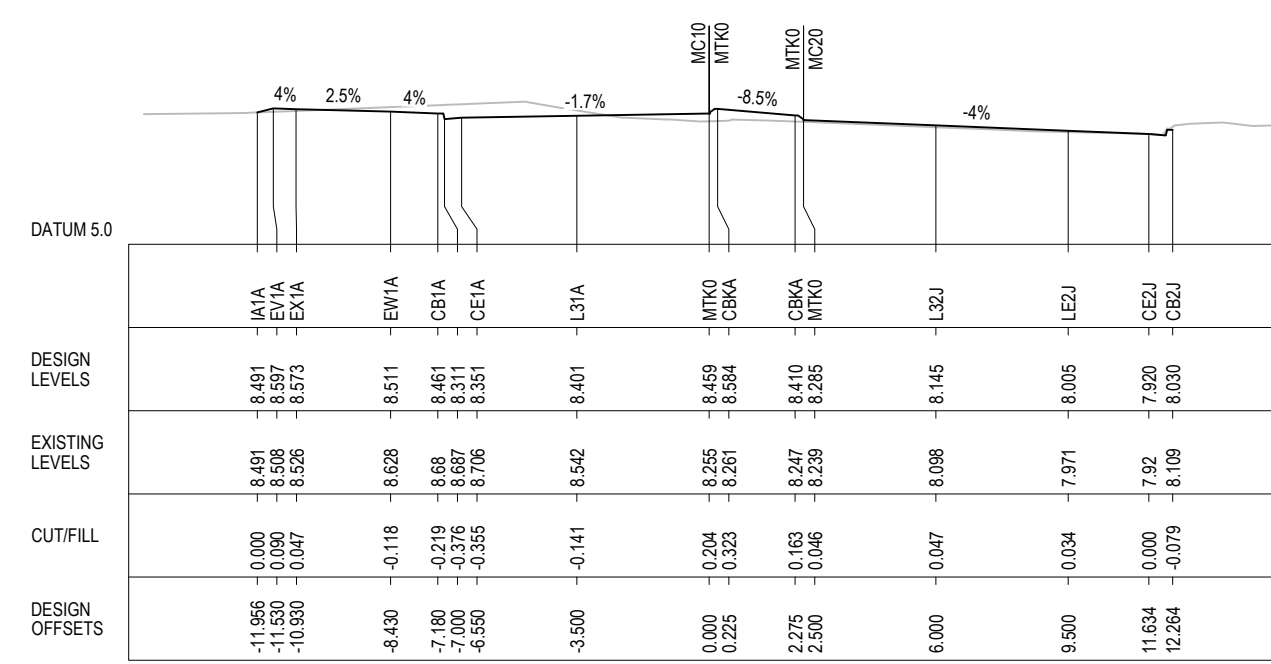
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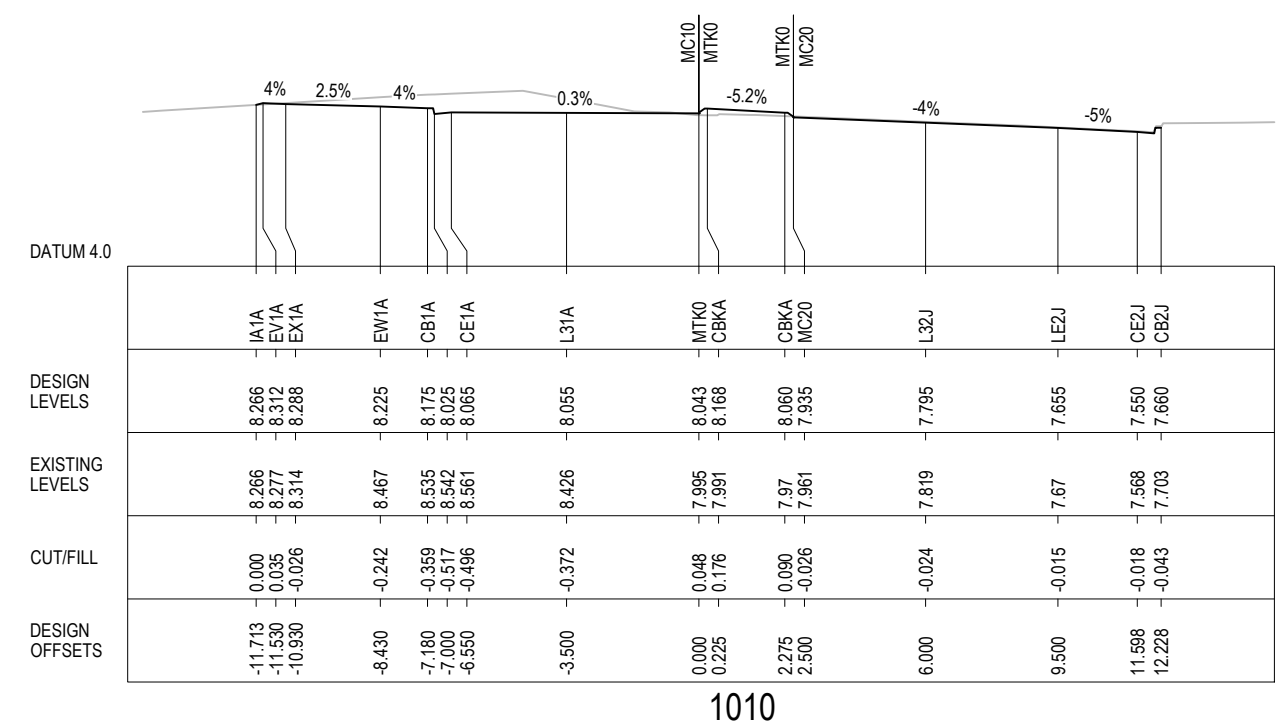
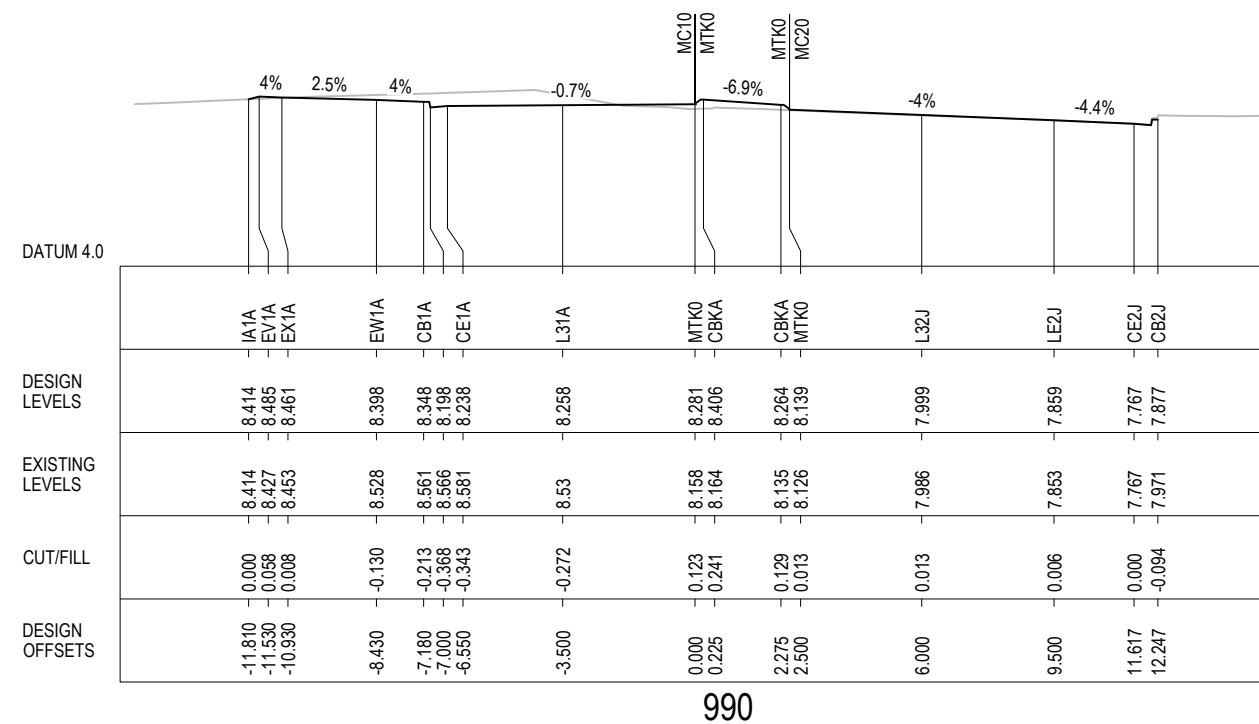
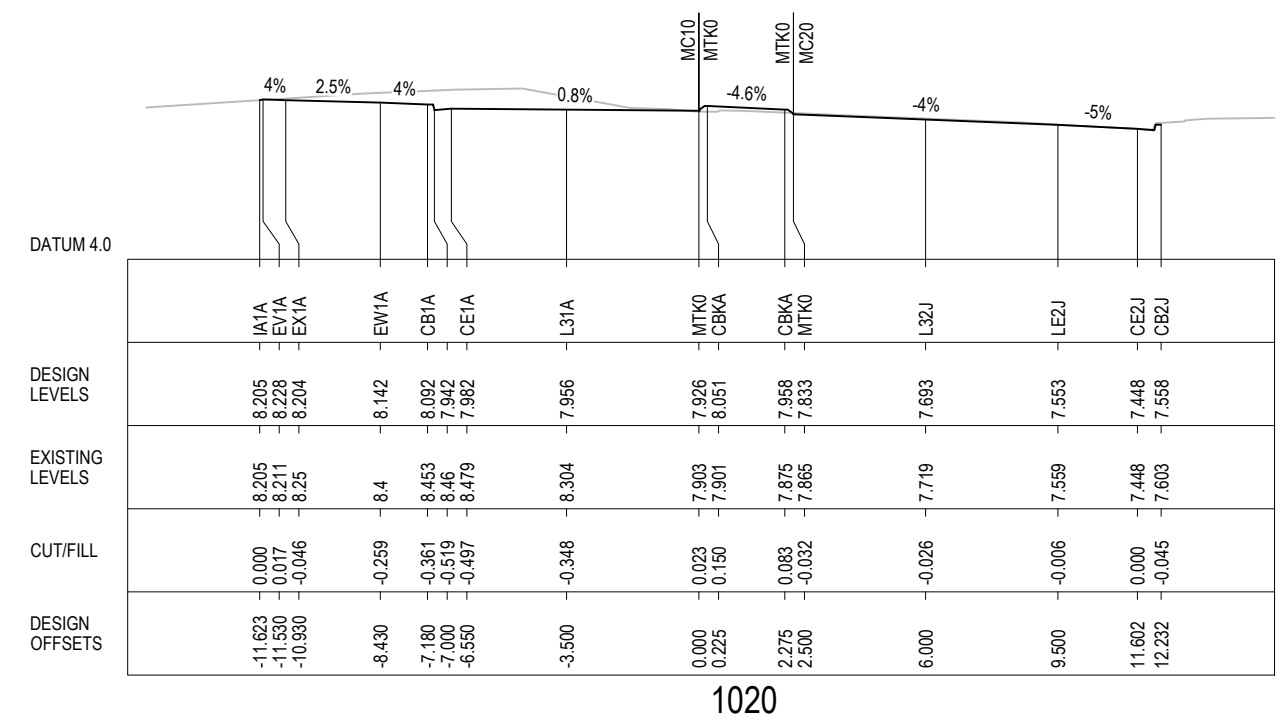
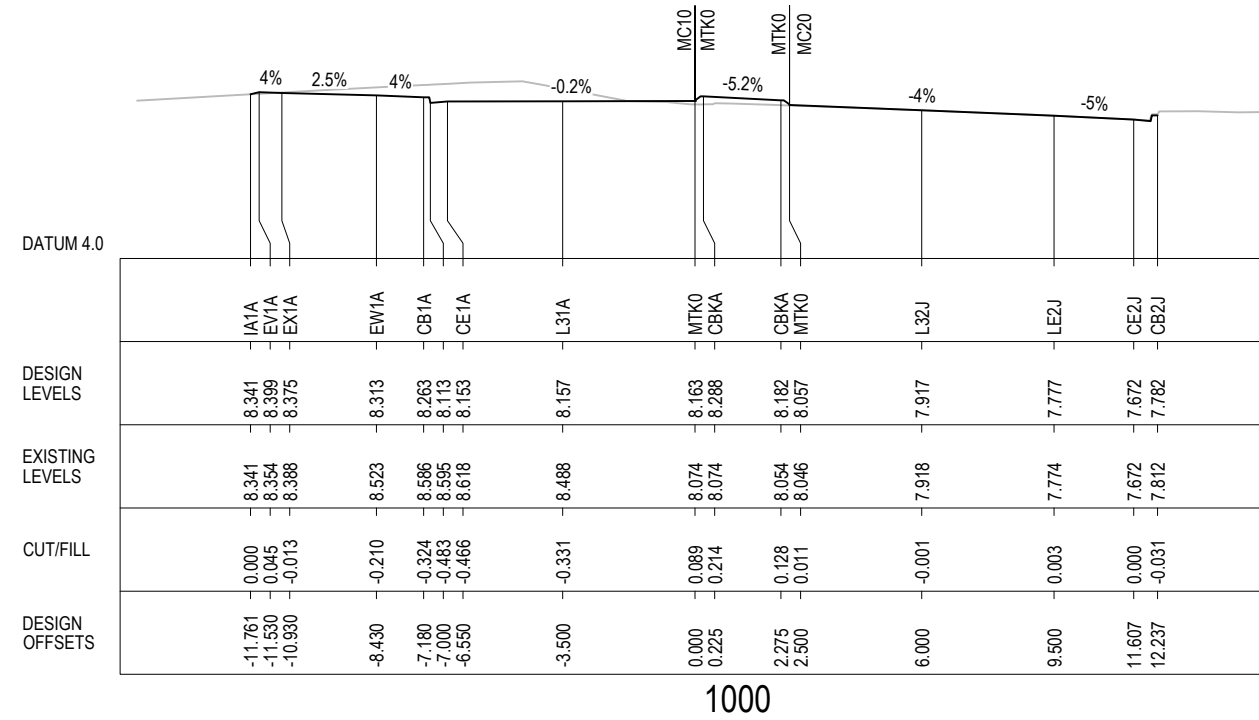
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CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		TITLE		DATE	
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				DRG CHECK I.BROWN		05.12.22	
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ISSUE STATUS DETAILED DESIGN						ISSUE 0	
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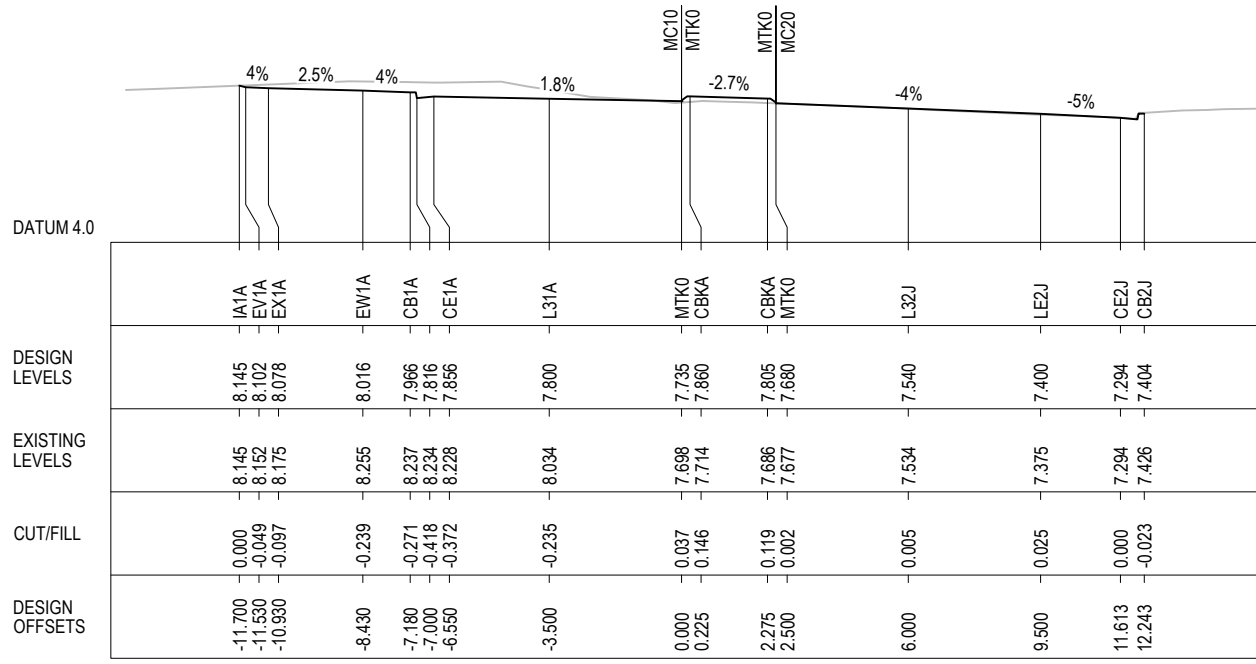
50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

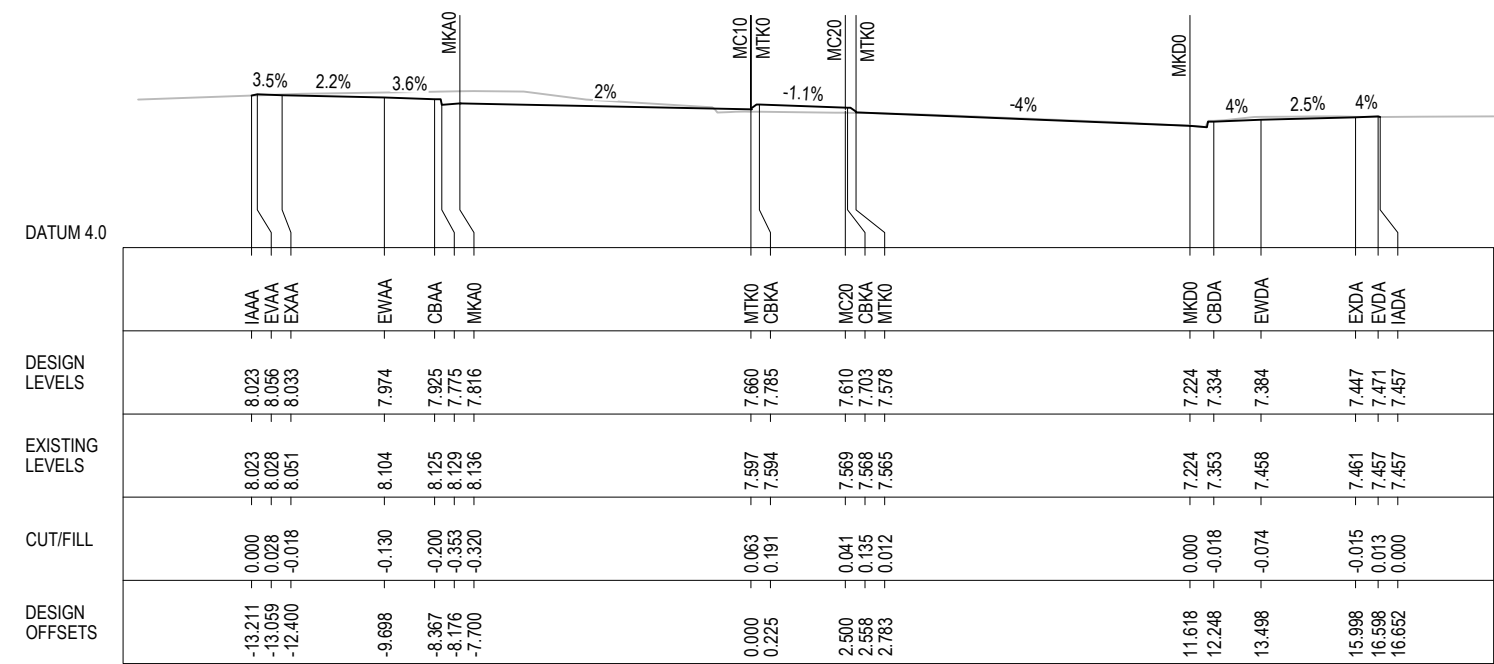
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x_LABELS								
x_DESIGN								
x_SURVEY								
x_DRAINAGE								
x_UTILITIES								
TITLE	NAME	DATE	DRAWING PROJECT No. <b>300312</b>					PART
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DRG CHECK	I.BROWN	05.12.22	DETAILED DESIGN					0
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DESIGN CHECK	I.BROWN	05.12.22	-	RC-0015				
DESIGN MNGR	I.BROWN	05.12.22	© Roads and Maritime Services					
PROJECT MNGR	I.BROWN	05.12.22						



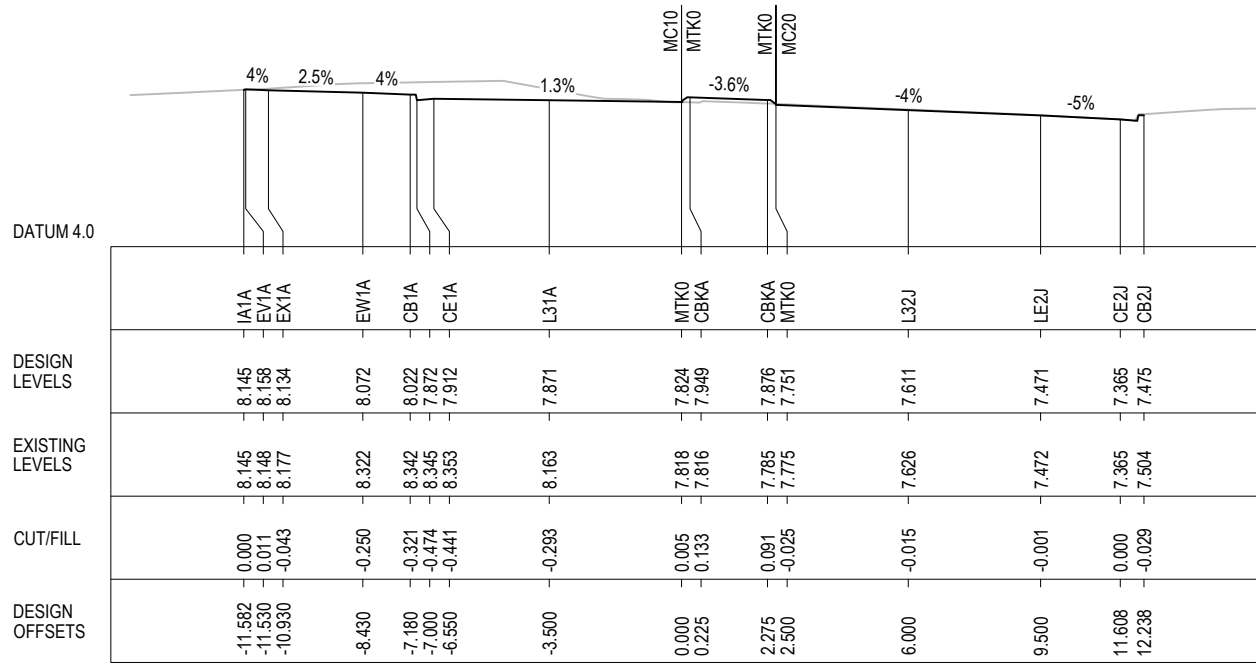
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ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



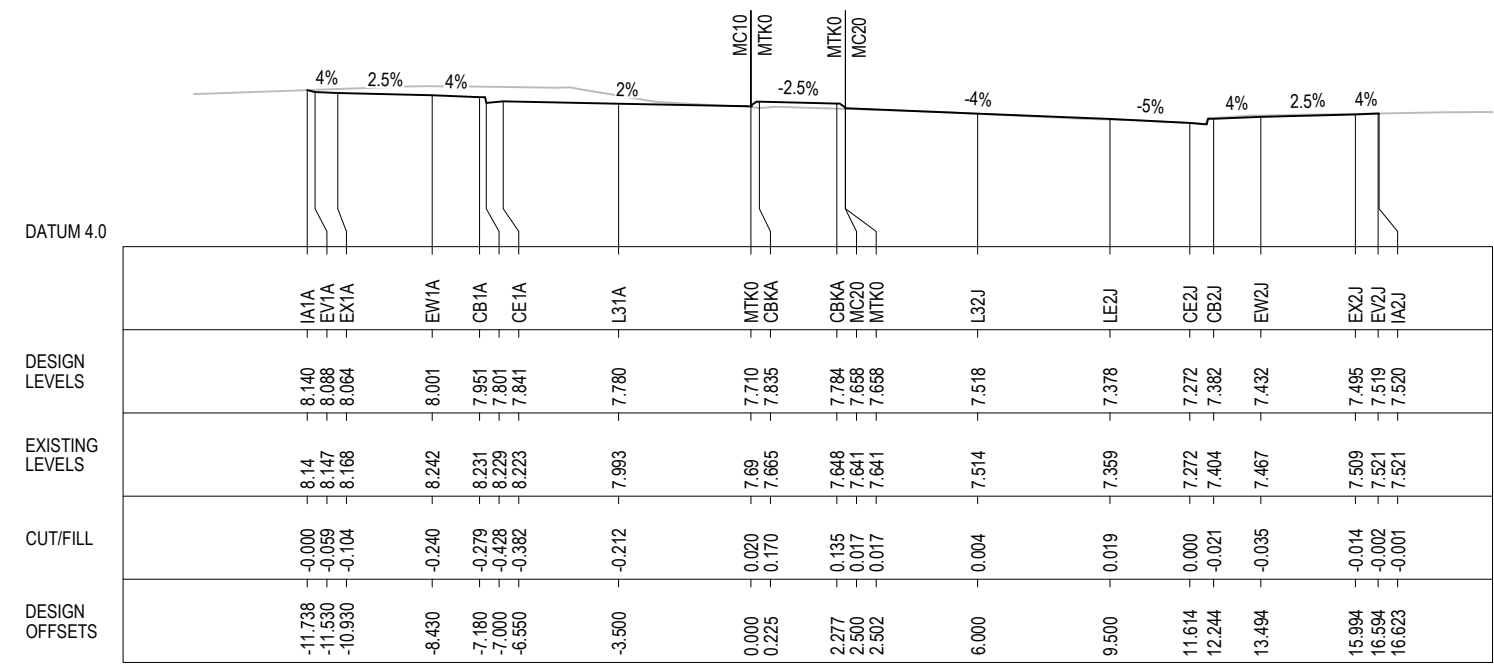
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SCALES ON A3 SIZE DRAWING 0 2 4 6 8 HORIZONTAL SCALE 1:200m			DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 		TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR	NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22
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DATUM 3.0																
DESIGN LEVELS																
EXISTING LEVELS																
CUT/FILL																
DESIGN OFFSETS																

1080

DATUM 4.0																
DESIGN LEVELS																
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CUT/FILL																
DESIGN OFFSETS																

1060

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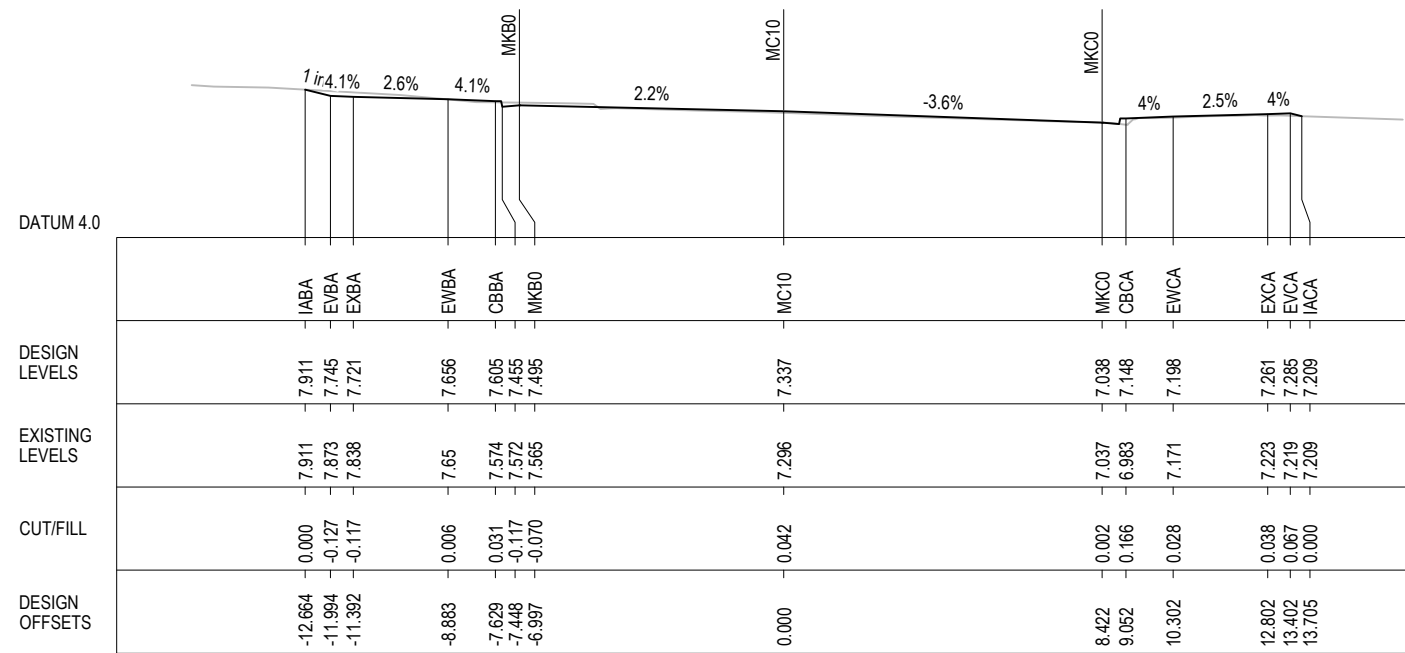
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE
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x_LABELS								DATE
x_DESIGN								DRAWN
x_SURVEY								DRG CHECK
x_DRAINAGE								DESIGN
x_UTILITIES								DESIGN CHECK
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								PROJECT MNGR

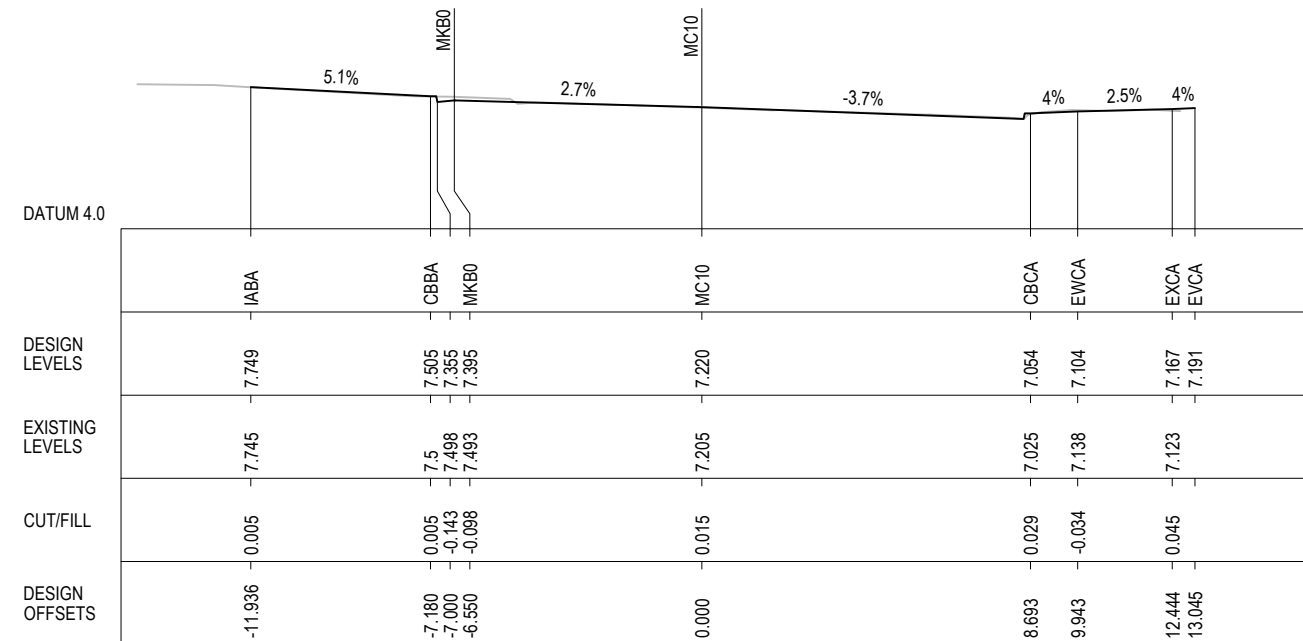


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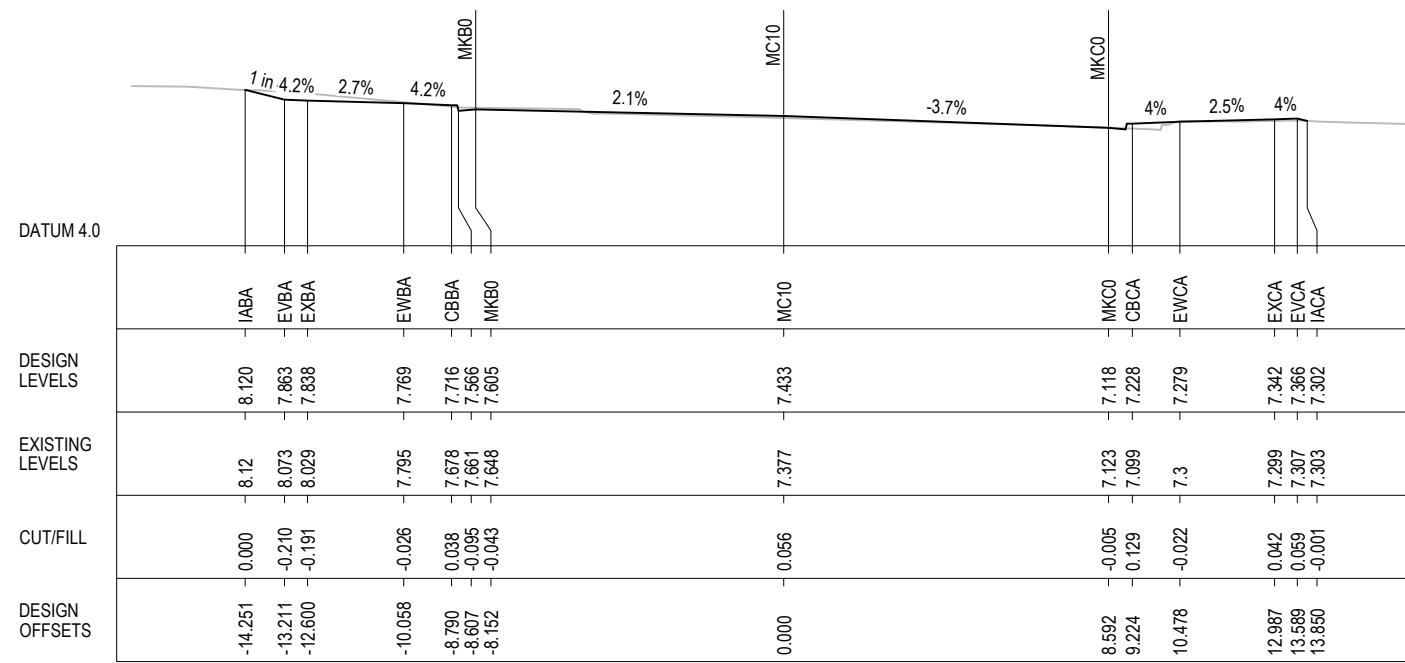
NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



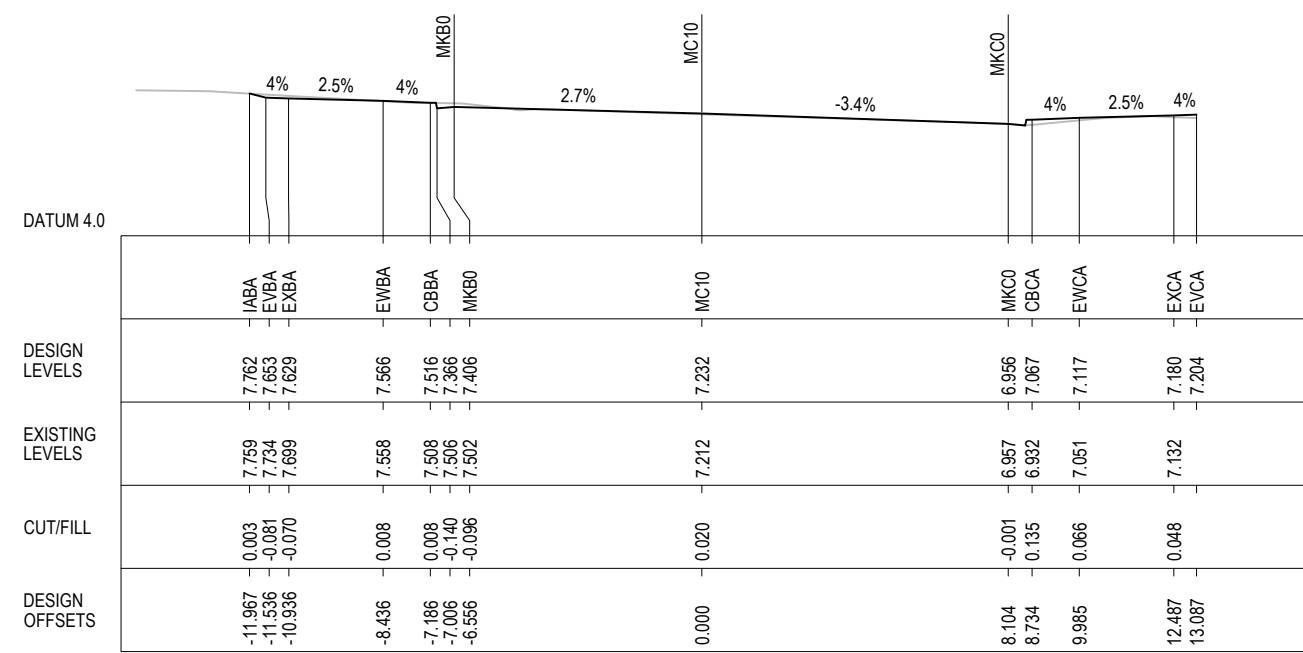
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1090



1110

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. 300312	PART -						
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES		SCALES ON A3 SIZE DRAWING HORIZONTAL SCALE 1:200m CO-ORDINATE SYSTEM MGA ZONE 56 HEIGHT DATUM AHD		DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22	ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RC-0018	ISSUE 0

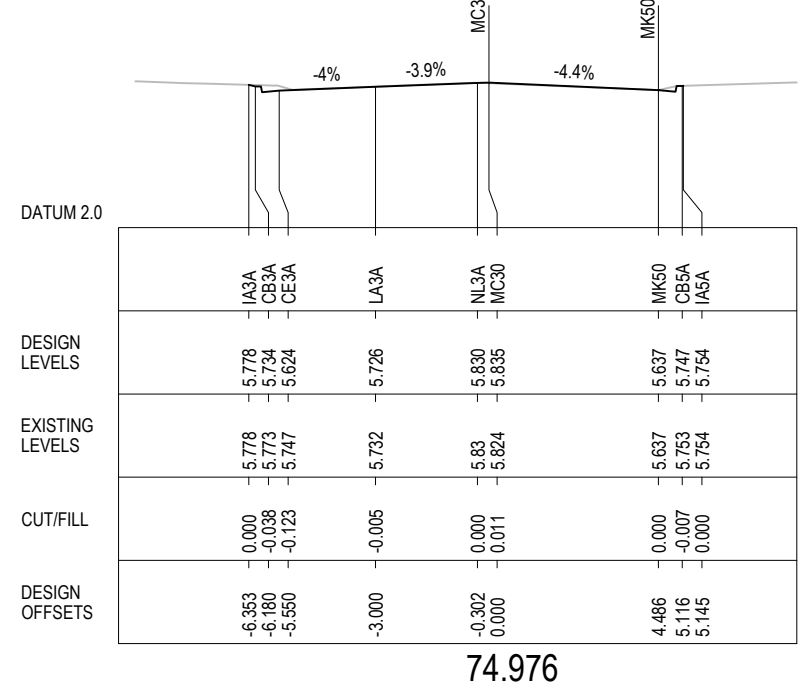
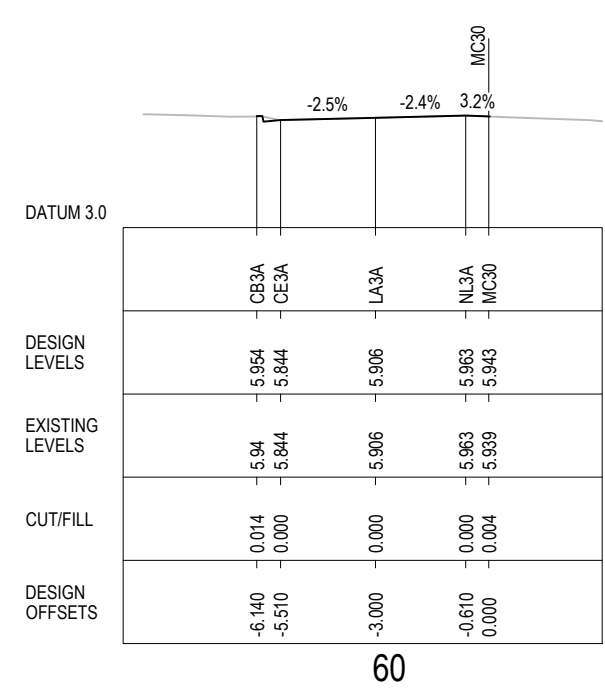
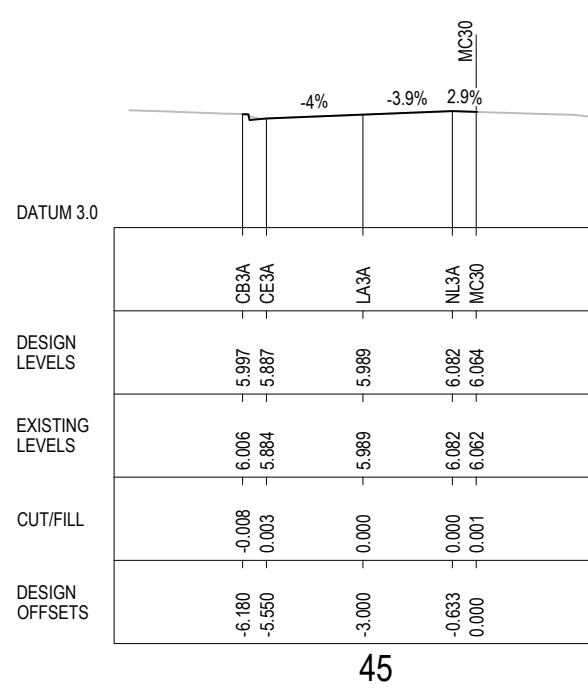
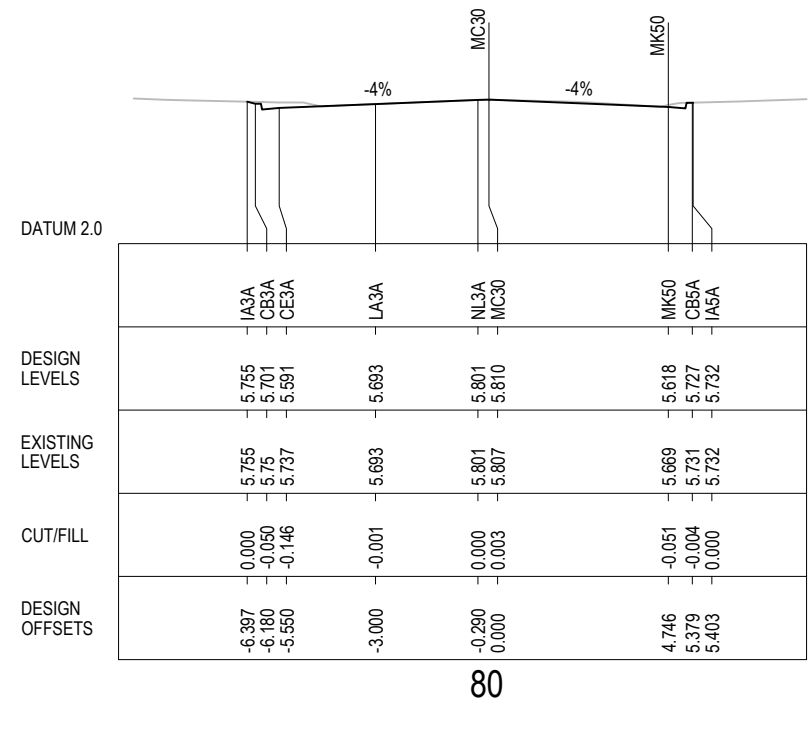
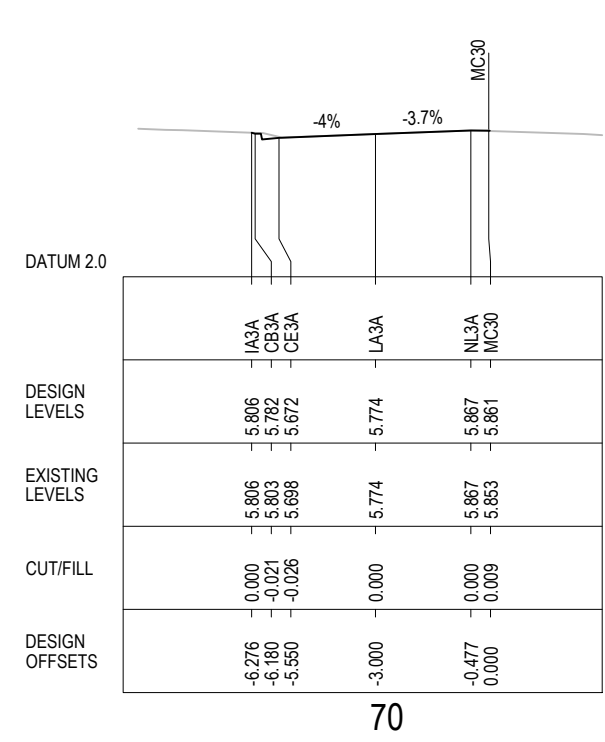
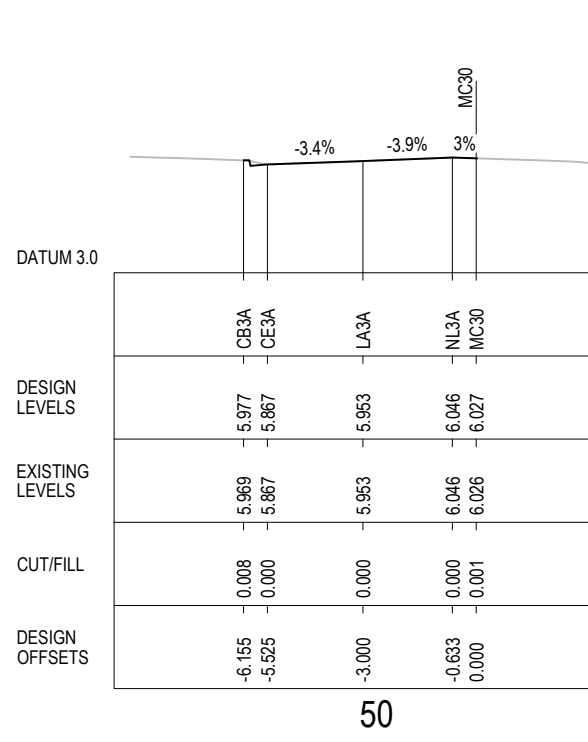
NOT FOR CONSTRUCTION







NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.

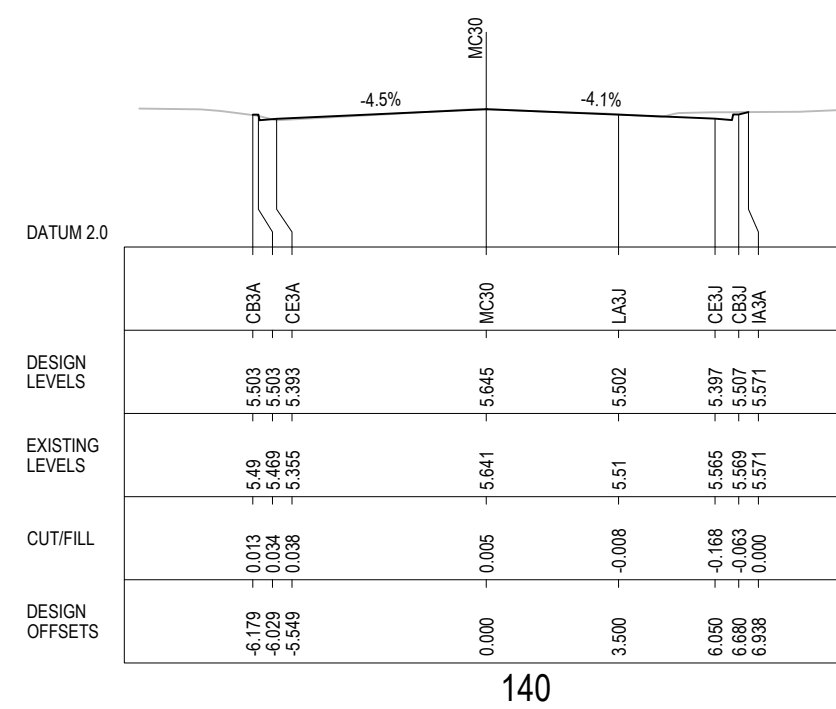
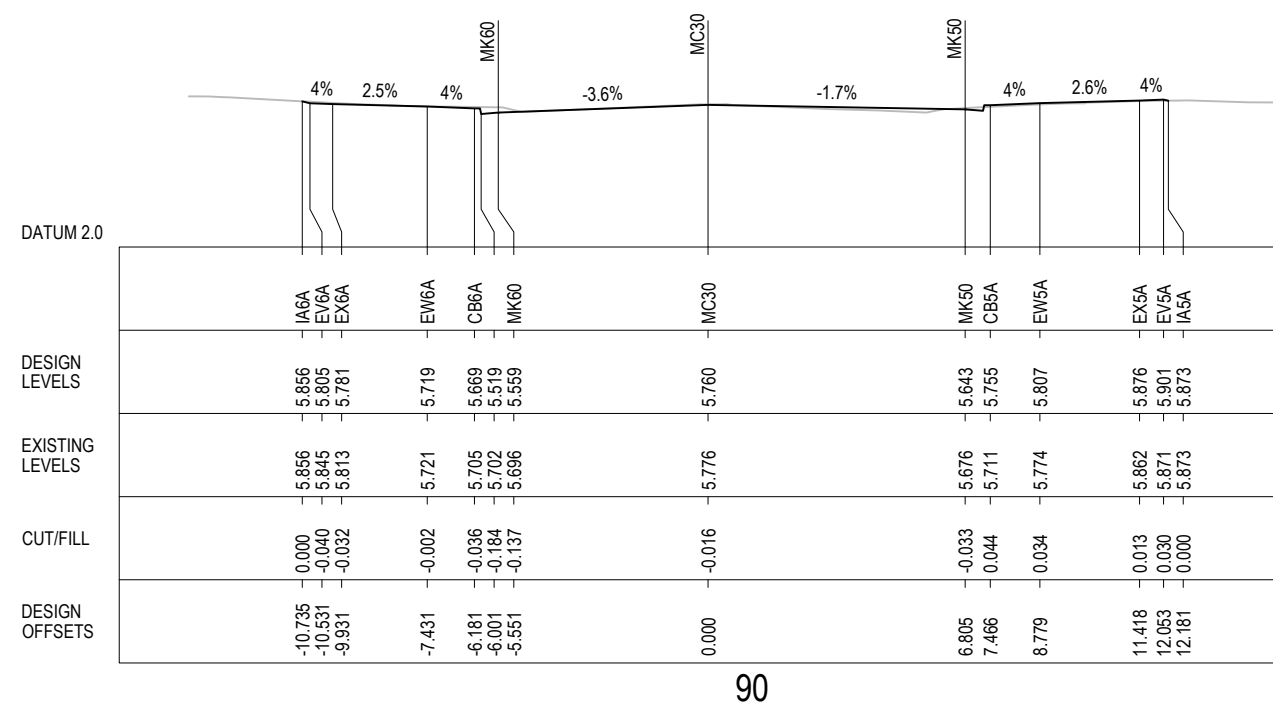
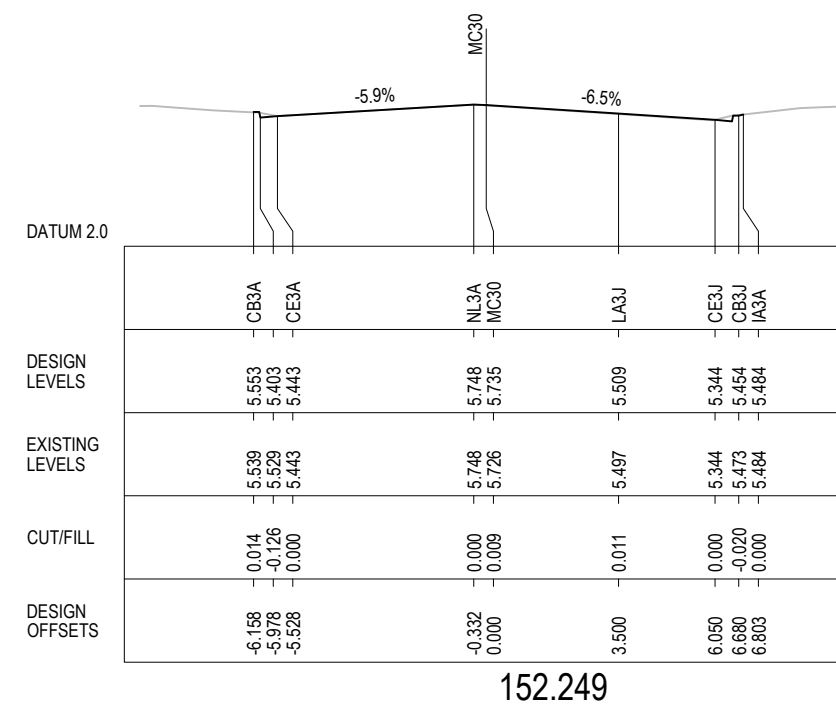
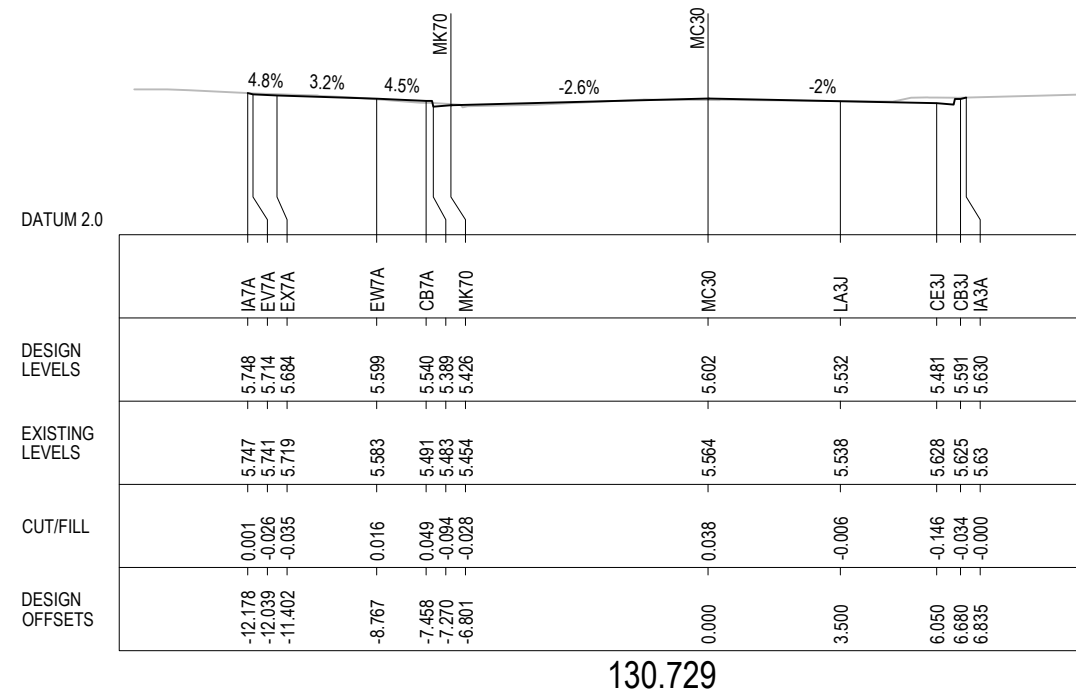


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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. 300312	PART -
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CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		TITLE DRAWN J.JACKSON 05.12.22 DRG CHECK I.BROWN 05.12.22 DESIGN N.WALL 05.12.22 DESIGN CHECK I.BROWN 05.12.22 DESIGN MNGR I.BROWN 05.12.22 PROJECT MNGR I.BROWN 05.12.22		SHEET No. RC-0020 ISSUE 0	

NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



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50mm ON A3 SIZE ORIGINAL

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>
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x_LABELS						EDMS No. -
x_DESIGN						SHEET No. RC-0021
x_SURVEY						ISSUE 0
x_DRAINAGE						
x_UTILITIES						

SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY
0 2 4 6 8 HORIZONTAL SCALE 1:200m	COMPANY NAME / LOGO
CO-ORDINATE SYSTEM MGA ZONE 56	Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398

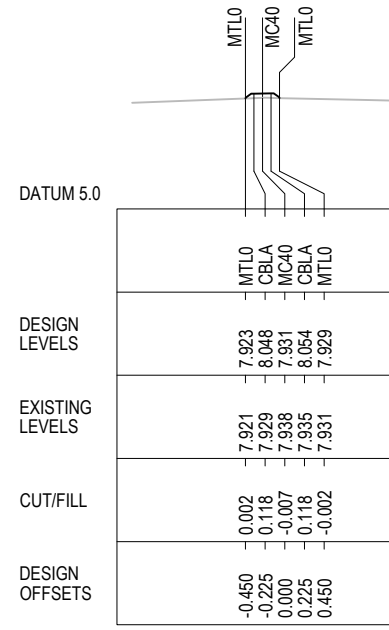
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DRG CHECK	I.BROWN	05.12.22
DESIGN	N.WALL	05.12.22
DESIGN CHECK	I.BROWN	05.12.22
DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22



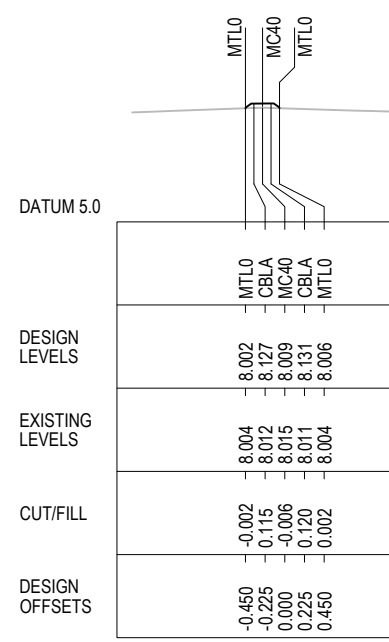
NOT FOR CONSTRUCTION

LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON ROAD CROSS SECTIONS ALFRED ROAD - SHEET 2		A3
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ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RC-0021
		ISSUE 0

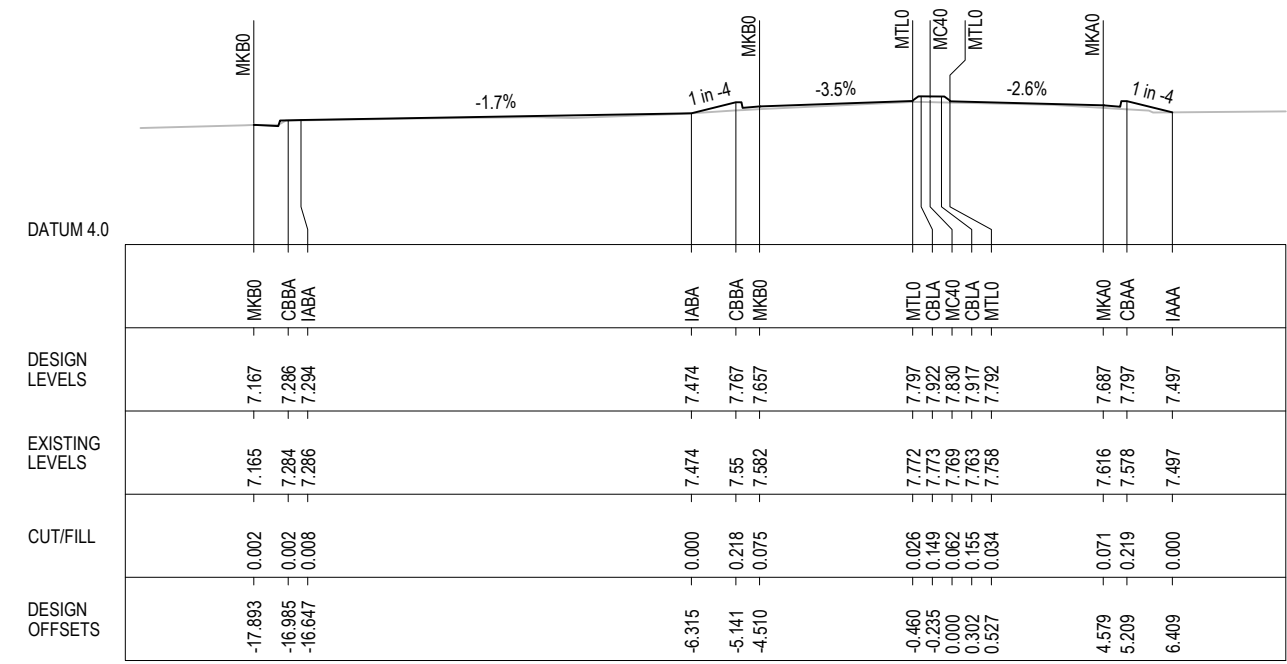
NOTE  
ALL SERVICES SHOWN ARE AT INDICATIVE DEPTHS ONLY, TO BE CONFIRMED BY SERVICE LOCATION.



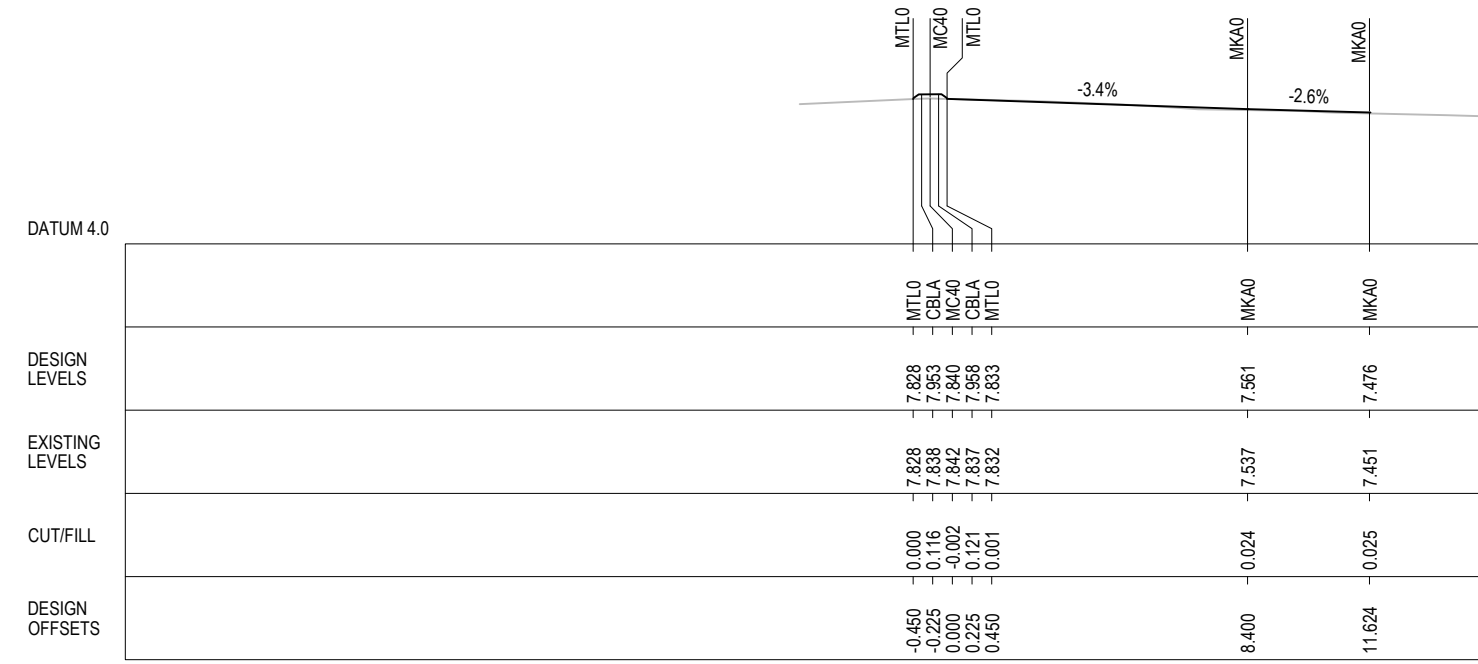
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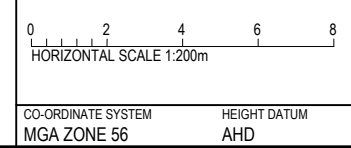


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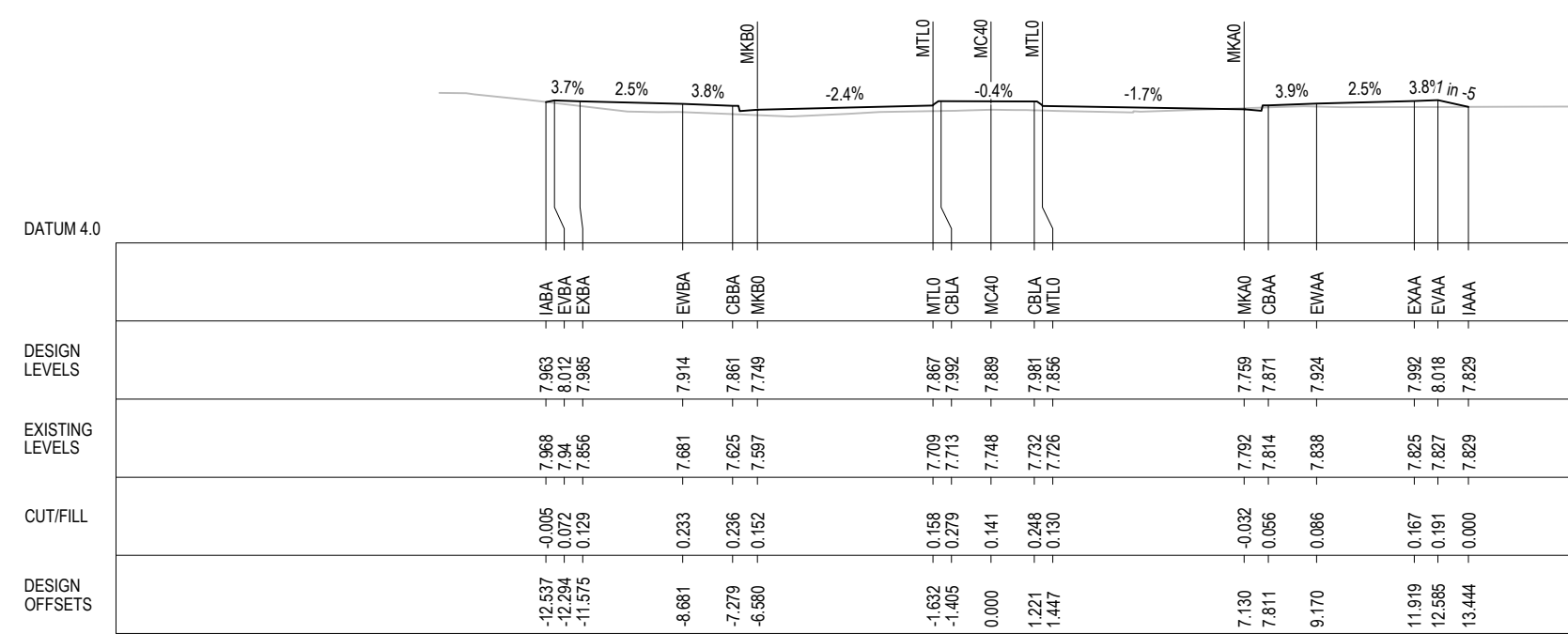
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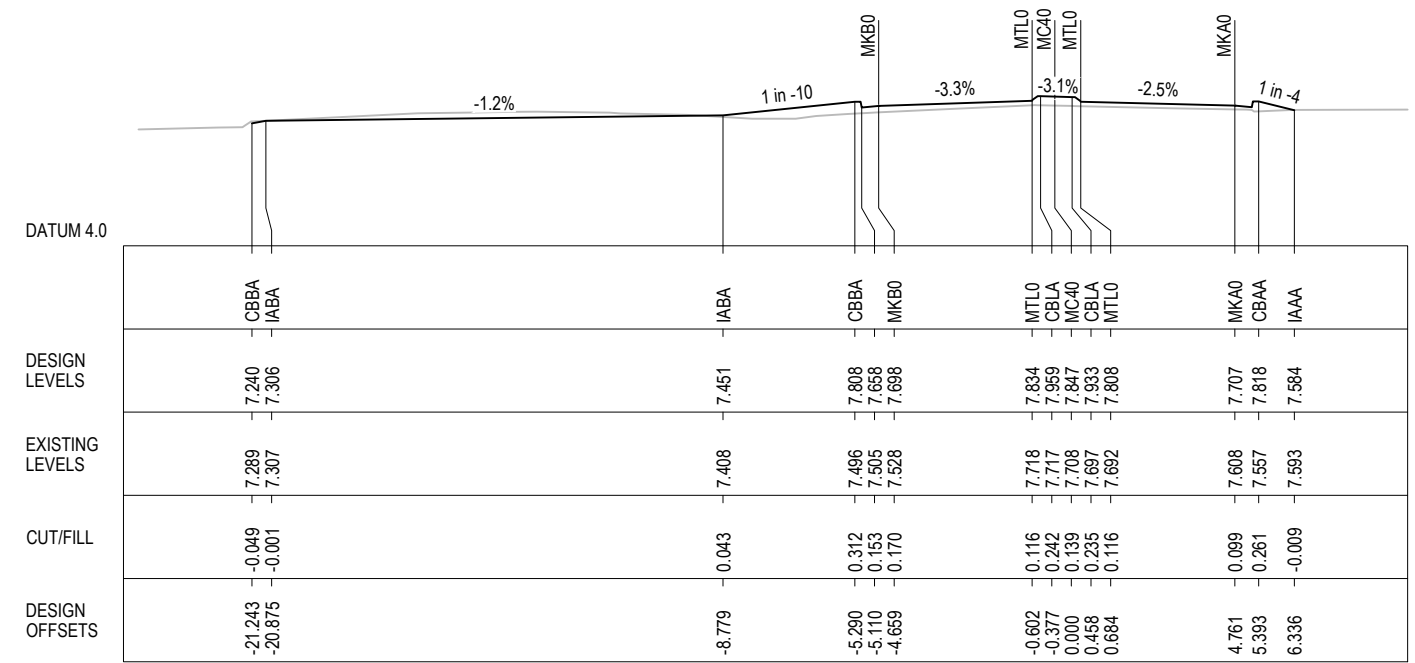
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DRG CHECK	I.BROWN	05.12.22
DESIGN	N.WALL	05.12.22
DESIGN CHECK	I.BROWN	05.12.22
DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22



NOTE  
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70



60

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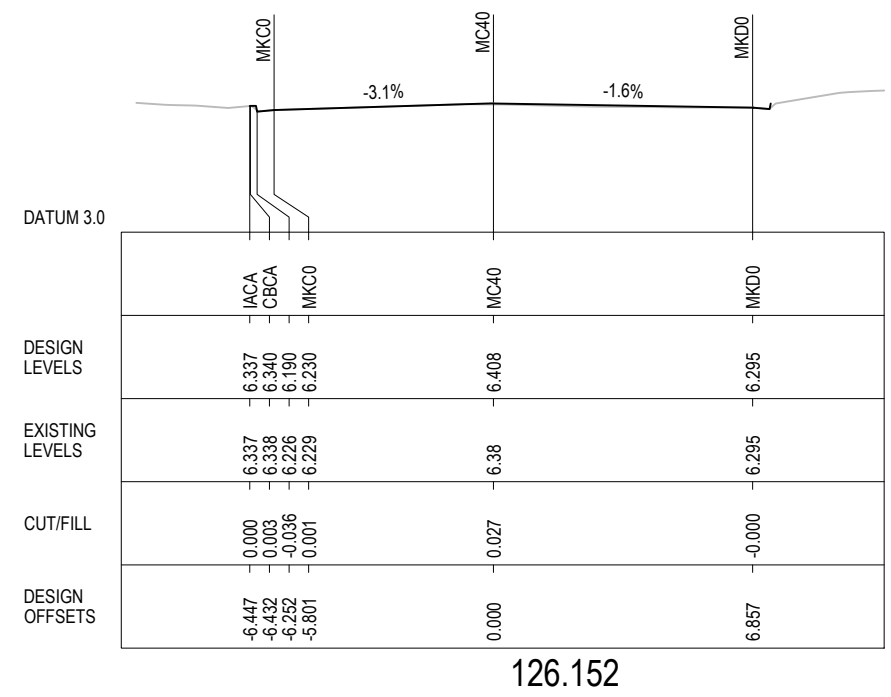
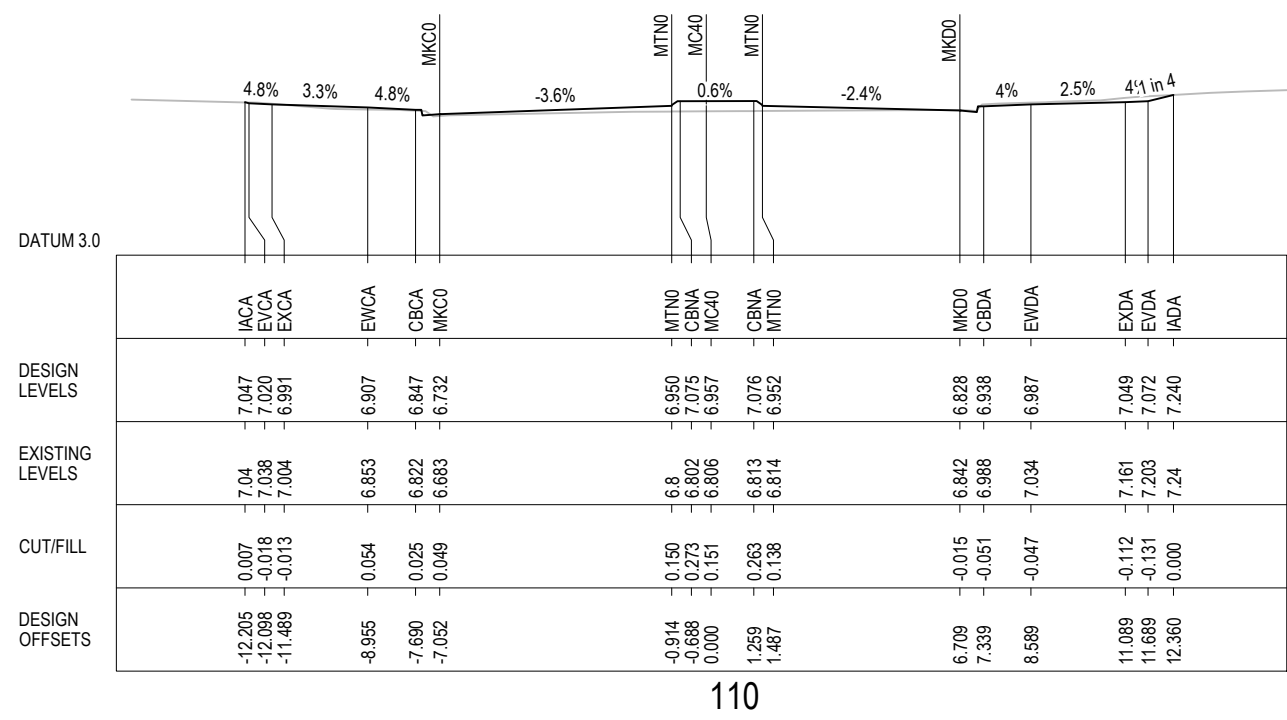
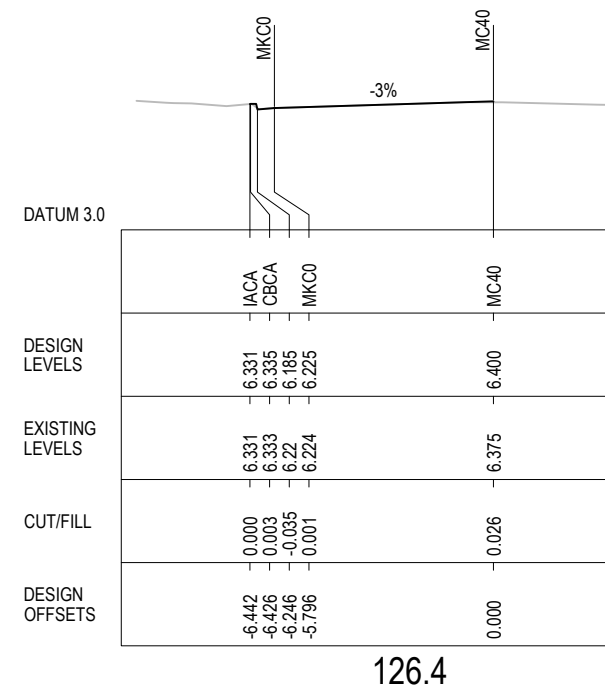
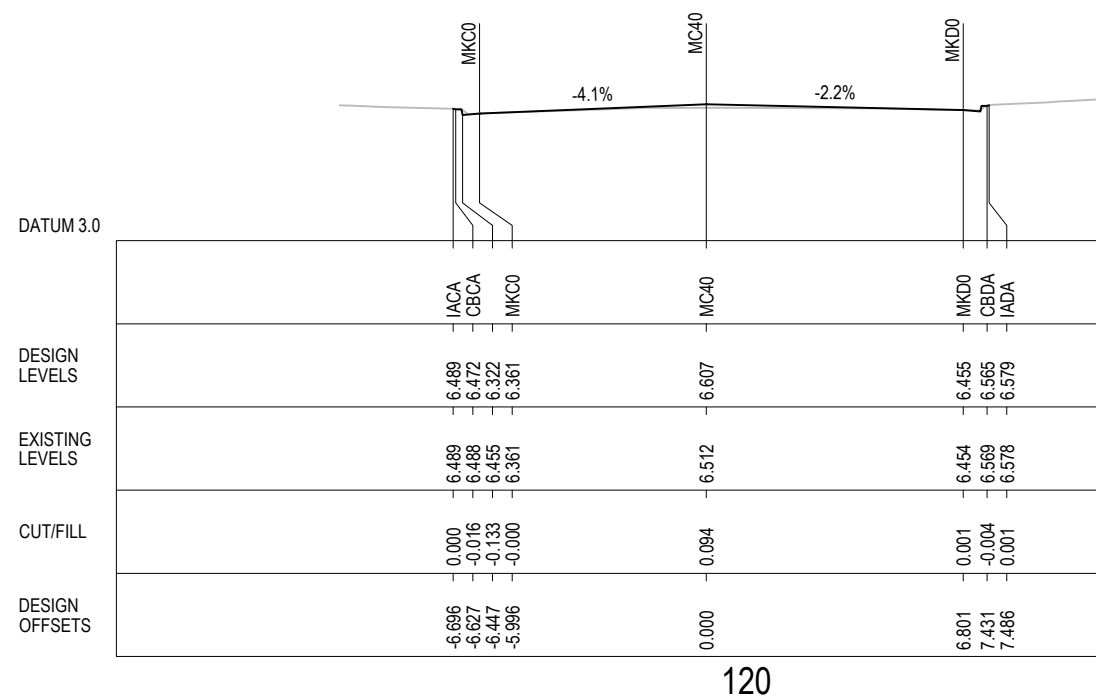
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WWR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 2 4 6 8 HORIZONTAL SCALE 1:200m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 	TITLE	NAME	DATE	
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x_LABELS								DRG CHECK	I.BROWN	05.12.22	
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x_SURVEY								DESIGN CHECK	I.BROWN	05.12.22	
x_DRAINAGE								DESIGN MNGR	I.BROWN	05.12.22	
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CO-ORDINATE SYSTEM MGA ZONE 56								HEIGHT DATUM AHD			
DESIGN PROJECT No. 300312								ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RC-0023	ISSUE 0





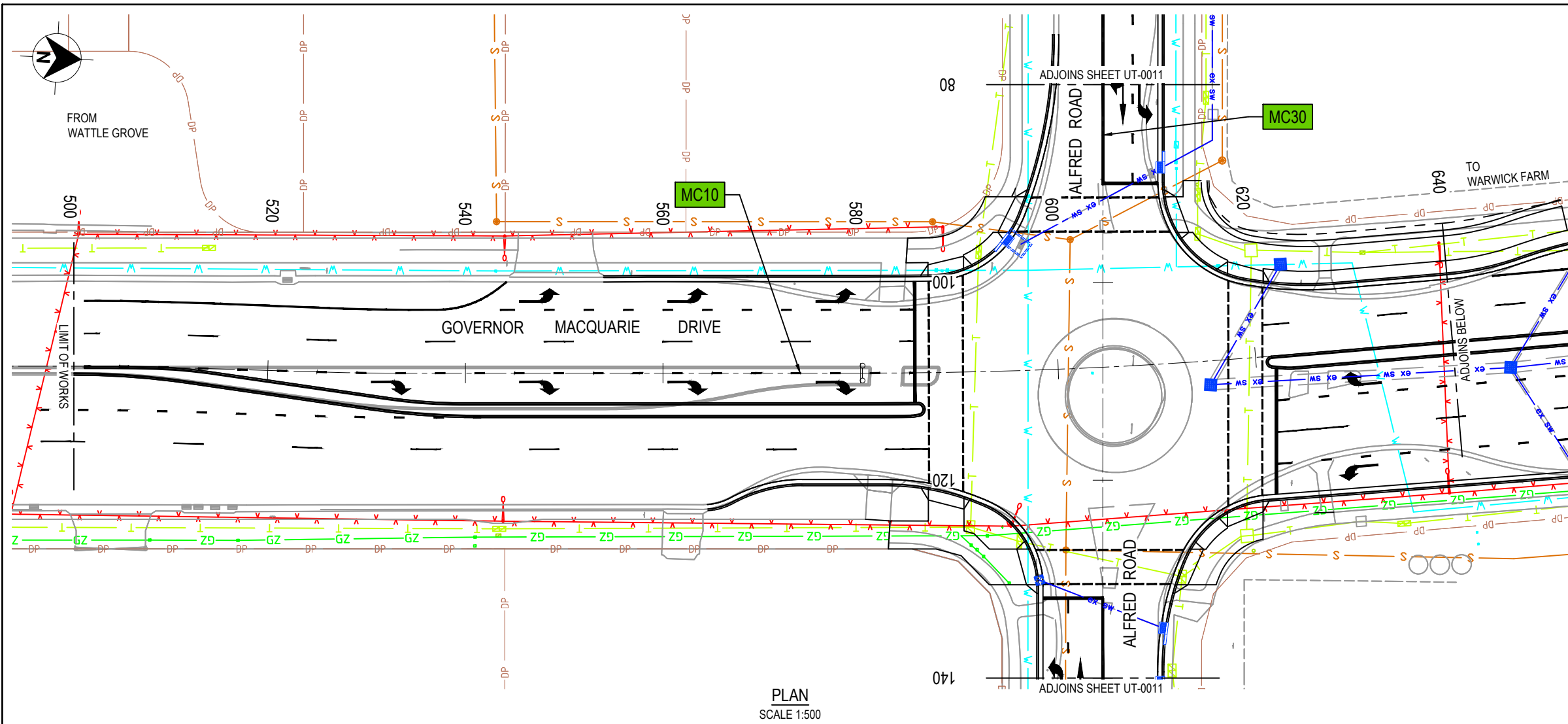
NOTE  
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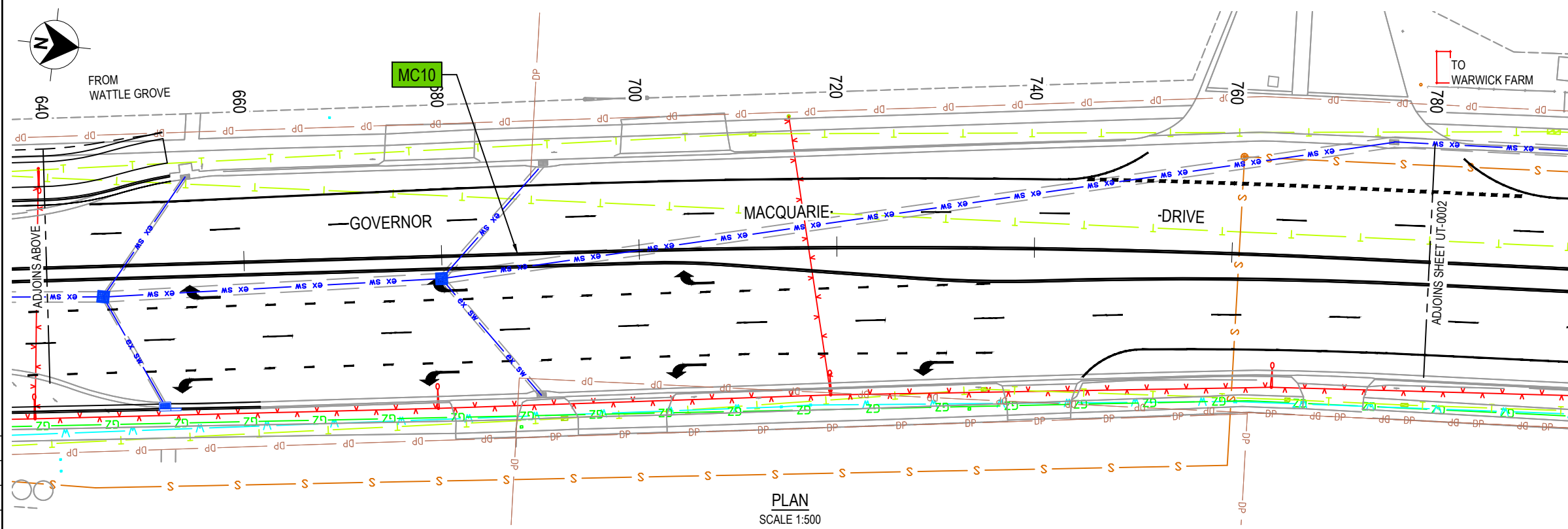
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x_LABELS							
x_DESIGN							
x_SURVEY							
x_DRAINAGE							
x_UTILITIES							
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		TITLE		DRAWINGS / DESIGN PREPARED BY	
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				DRG CHECK I.BROWN		DATE 05.12.22	
				DESIGN N.WALL		DATE 05.12.22	
				DESIGN CHECK I.BROWN		DATE 05.12.22	
				DESIGN MNGR I.BROWN		DATE 05.12.22	
				PROJECT MNGR I.BROWN		DATE 05.12.22	
DESIGN PROJECT No. 300312		ISSUE STATUS DETAILED DESIGN		EDMS No. -		SHEET No. RC-0024	
						PART -	
						ISSUE 0	



- LEGEND**
- DP OVERLAY BOUNDARY
  - MC10 CONTROL ALIGNMENT LABEL
  - PROPOSED STORMWATER
  - ex SW EXISTING STORMWATER
  - EXISTING OVERHEAD ELECTRICAL
  - GZ EXISTING GAS MAIN
  - S EXISTING SEWER MAIN
  - T EXISTING TELSTRA
  - W EXISTING WATER MAIN

- NOTES**
1. REFER TO SHEETS GE-0031 AND GE-0032 FOR SURVEY FEATURE LEGEND.
  2. REFER TO SM SERIES SHEETS FOR DRAINAGE PLANS AND DETAILS.
  3. LOCATIONS OF EXISTING UTILITIES SHOWN ARE INDICATIVE ONLY. FINAL LOCATIONS AND LEVELS ARE TO BE CONFIRMED BY UTILITY PROVIDER.
  4. DETAILS OF UTILITIES TO BE REMOVED AND RELOCATED SUBJECT TO DETAILED DESIGN.

PLAN  
SCALE 1:500



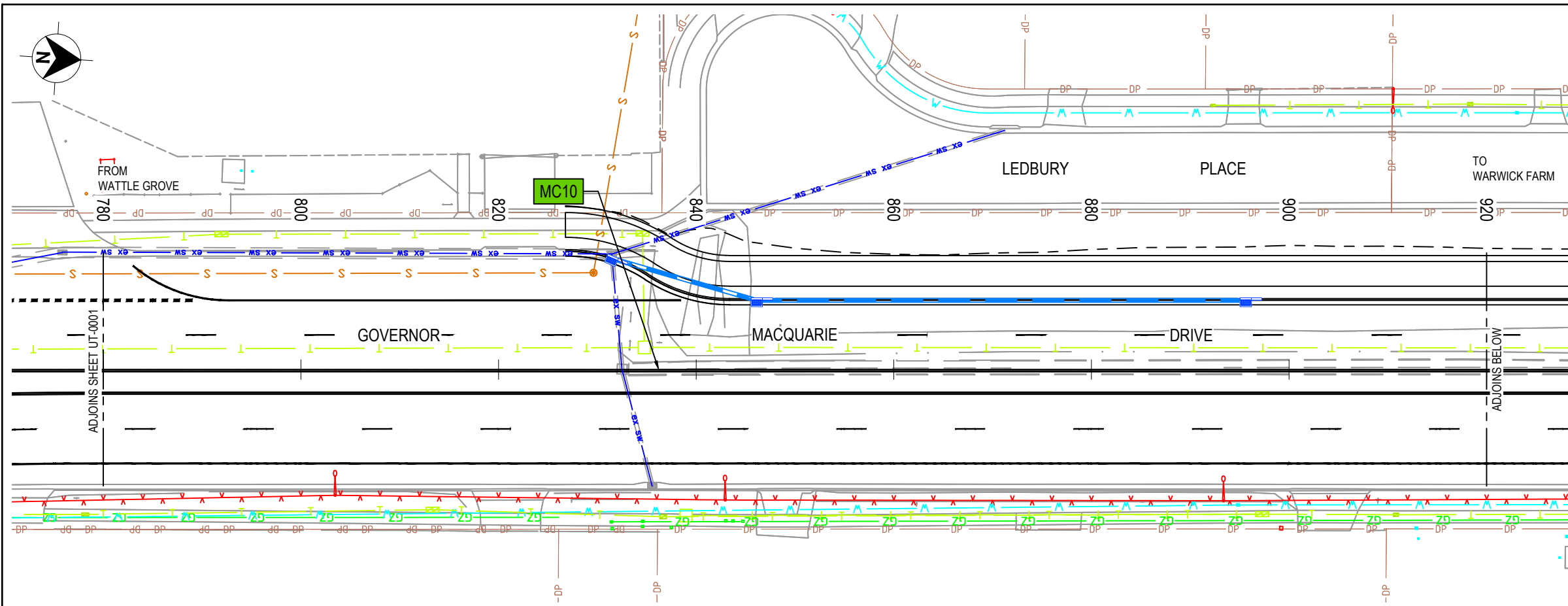
PLAN  
SCALE 1:500

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	PART -
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES		CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		ISSUE STATUS DETAILED DESIGN	EDMS No. -
SCALES ON A3 SIZE DRAWING HORIZONTAL SCALE 1:500m		DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coas@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		TITLE	NAME	DATE	SHEET No. UT-0001
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				DRG CHECK	I.BROWN	05.12.22	
				DESIGN	N.WALL	05.12.22	
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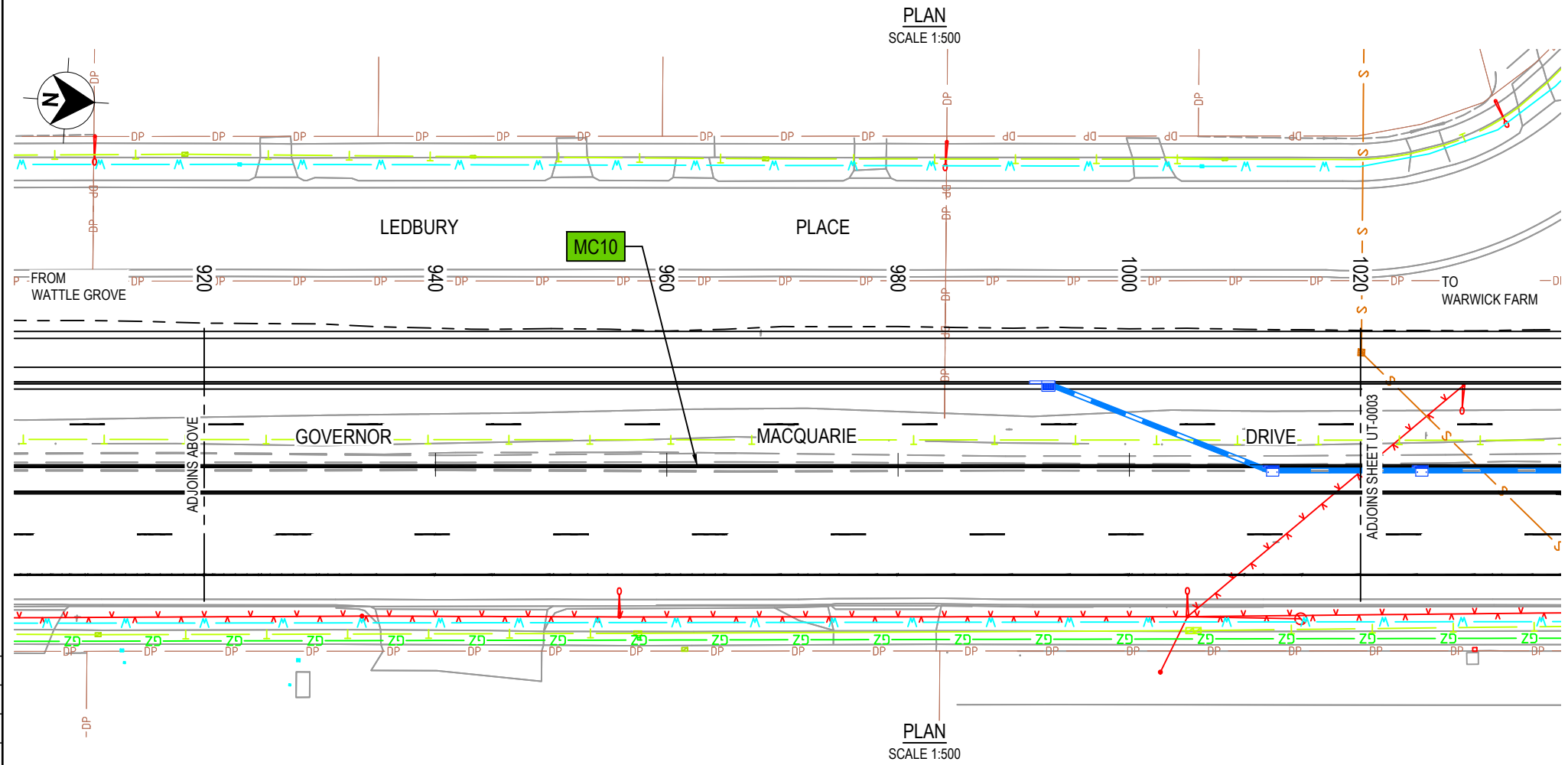




**LEGEND**

	DP OVERLAY BOUNDARY
	CONTROL ALIGNMENT LABEL
	PROPOSED STORMWATER
	EXISTING STORMWATER
	EXISTING OVERHEAD ELECTRICAL
	EXISTING GAS MAIN
	EXISTING SEWER MAIN
	EXISTING TELSTRA
	EXISTING WATER MAIN

- NOTES**
- REFER TO SHEETS GE-0031 AND GE-0032 FOR SURVEY FEATURE LEGEND.
  - REFER TO SM SERIES SHEETS FOR DRAINAGE PLANS AND DETAILS.
  - LOCATIONS OF EXISTING UTILITIES SHOWN ARE INDICATIVE ONLY. FINAL LOCATIONS AND LEVELS ARE TO BE CONFIRMED BY UTILITY PROVIDER.
  - DETAILS OF UTILITIES TO BE REMOVED AND RELOCATED SUBJECT TO DETAILED DESIGN.



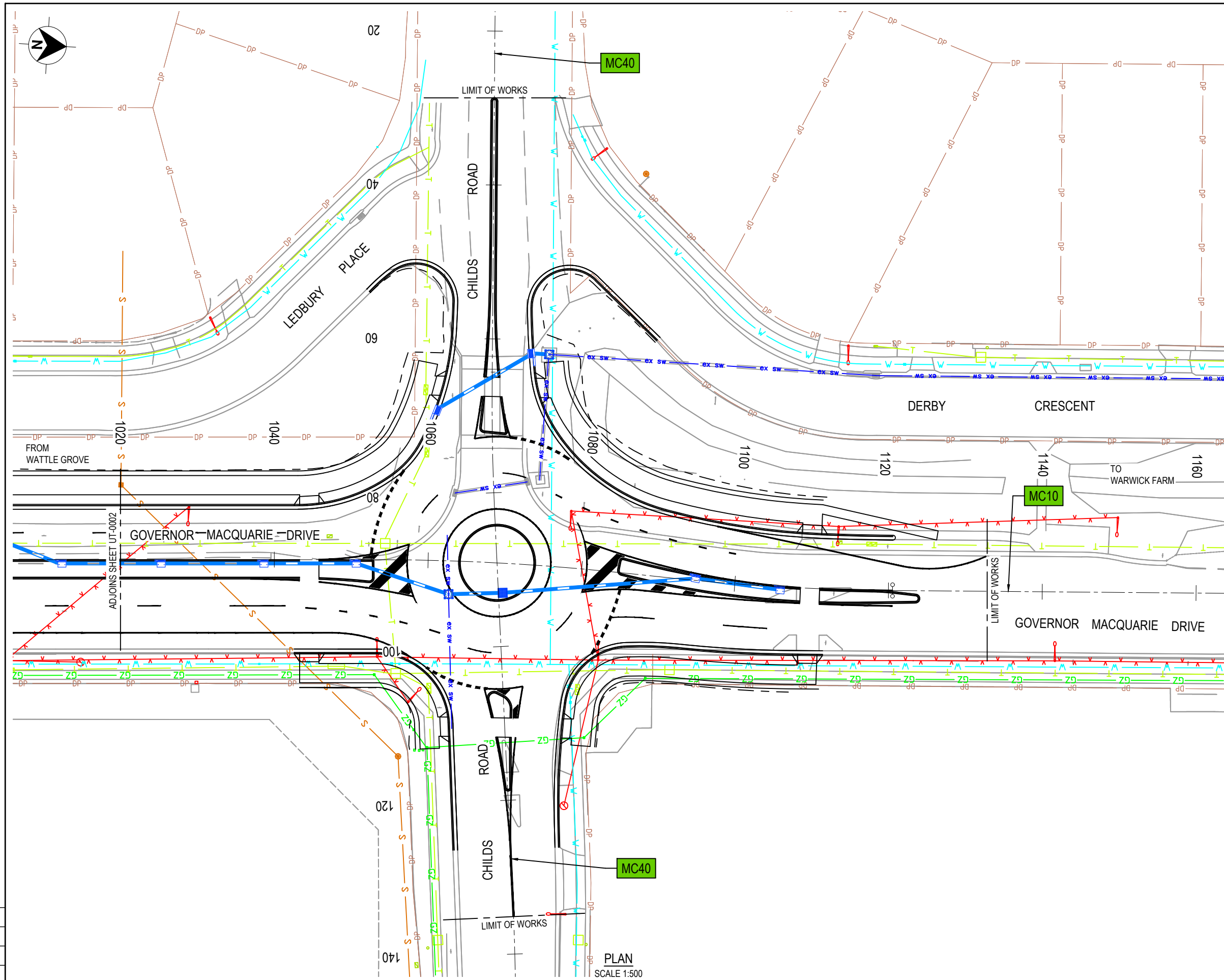
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NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	ISSUE STATUS DETAILED DESIGN			
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES			SCALES ON A3 SIZE DRAWING HORIZONTAL SCALE 1:500m CO-ORDINATE SYSTEM MGA ZONE 56 HEIGHT DATUM AHD		DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue P.O. Box 3717 Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR	NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22	EDMS No. - SHEET No. UT-0002 ISSUE 0



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**LEGEND**

- DP— DP OVERLAY BOUNDARY
- MC10 CONTROL ALIGNMENT LABEL
- PROPOSED STORMWATER
- ex sw— EXISTING STORMWATER
- EXISTING OVERHEAD ELECTRICAL
- GZ— EXISTING GAS MAIN
- S— EXISTING SEWER MAIN
- T— EXISTING TELSTRA
- W— EXISTING WATER MAIN

- NOTES**
1. REFER TO SHEETS GE-0031 AND GE-0032 FOR SURVEY FEATURE LEGEND.
  2. REFER TO SM SERIES SHEETS FOR DRAINAGE PLANS AND DETAILS.
  3. LOCATIONS OF EXISTING UTILITIES SHOWN ARE INDICATIVE ONLY. FINAL LOCATIONS AND LEVELS ARE TO BE CONFIRMED BY UTILITY PROVIDER.
  4. DETAILS OF UTILITIES TO BE REMOVED AND RELOCATED SUBJECT TO DETAILED DESIGN.

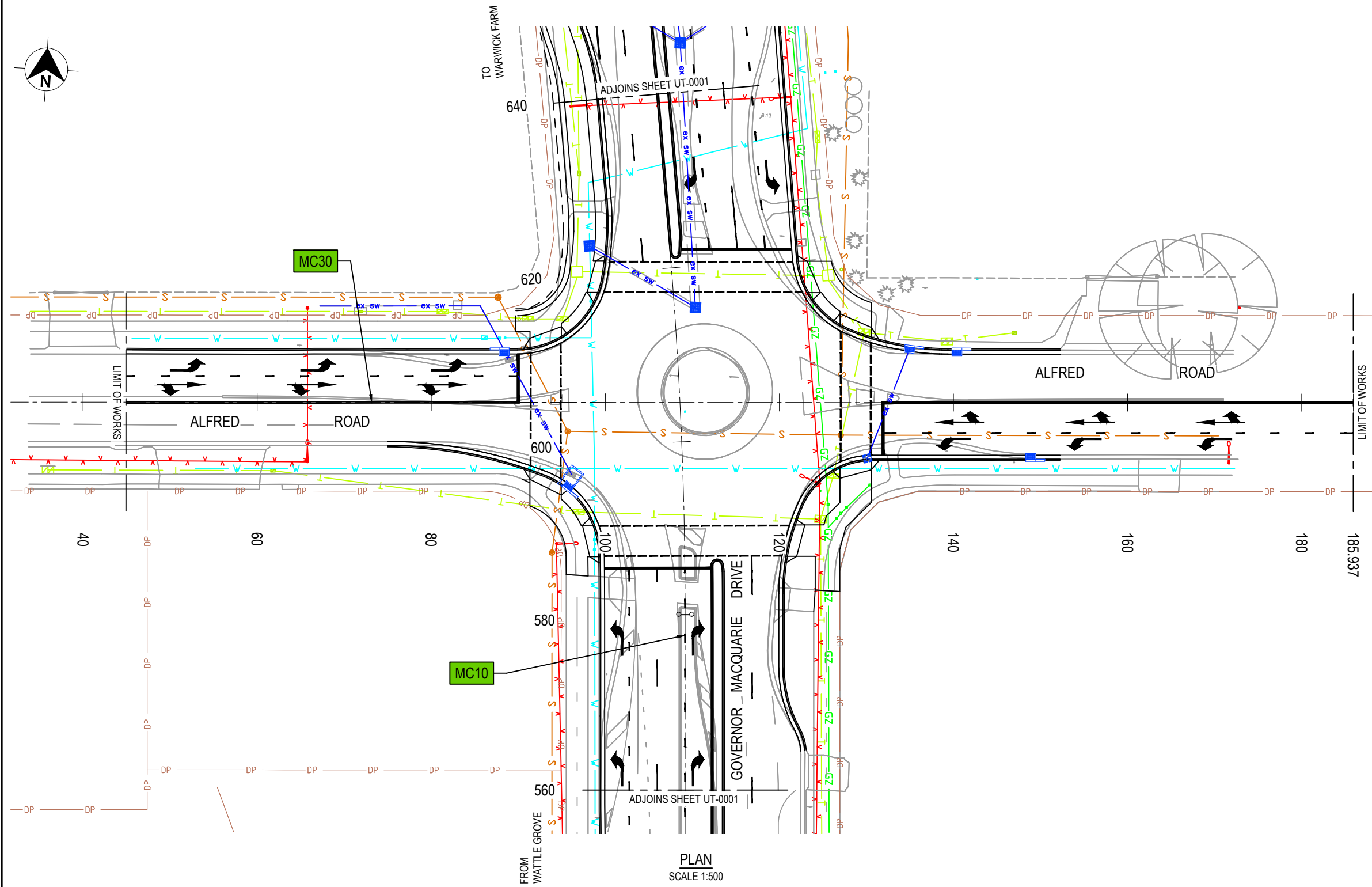
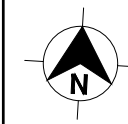
PLAN  
SCALE 1:500

NOT FOR CONSTRUCTION

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REV 0    DATE 05.12.22    AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW		SCALES ON A3 SIZE DRAWING HORIZONTAL SCALE 1:500m		DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coas@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398			PART - SHEET No. <b>UT-0003</b> ISSUE <b>0</b>
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES		CO-ORDINATE SYSTEM MGA ZONE 56		DATE DRAWN J.JACKSON 05.12.22 DRG CHECK I.BROWN 05.12.22 DESIGN N.WALL 05.12.22 DESIGN CHECK I.BROWN 05.12.22 DESIGN MNGR I.BROWN 05.12.22 PROJECT MNGR I.BROWN 05.12.22			ISSUE STATUS DETAILED DESIGN
EDMS No. - SHEET No. <b>UT-0003</b> ISSUE <b>0</b>		HEIGHT DATUM AHD		© Roads and Maritime Services			



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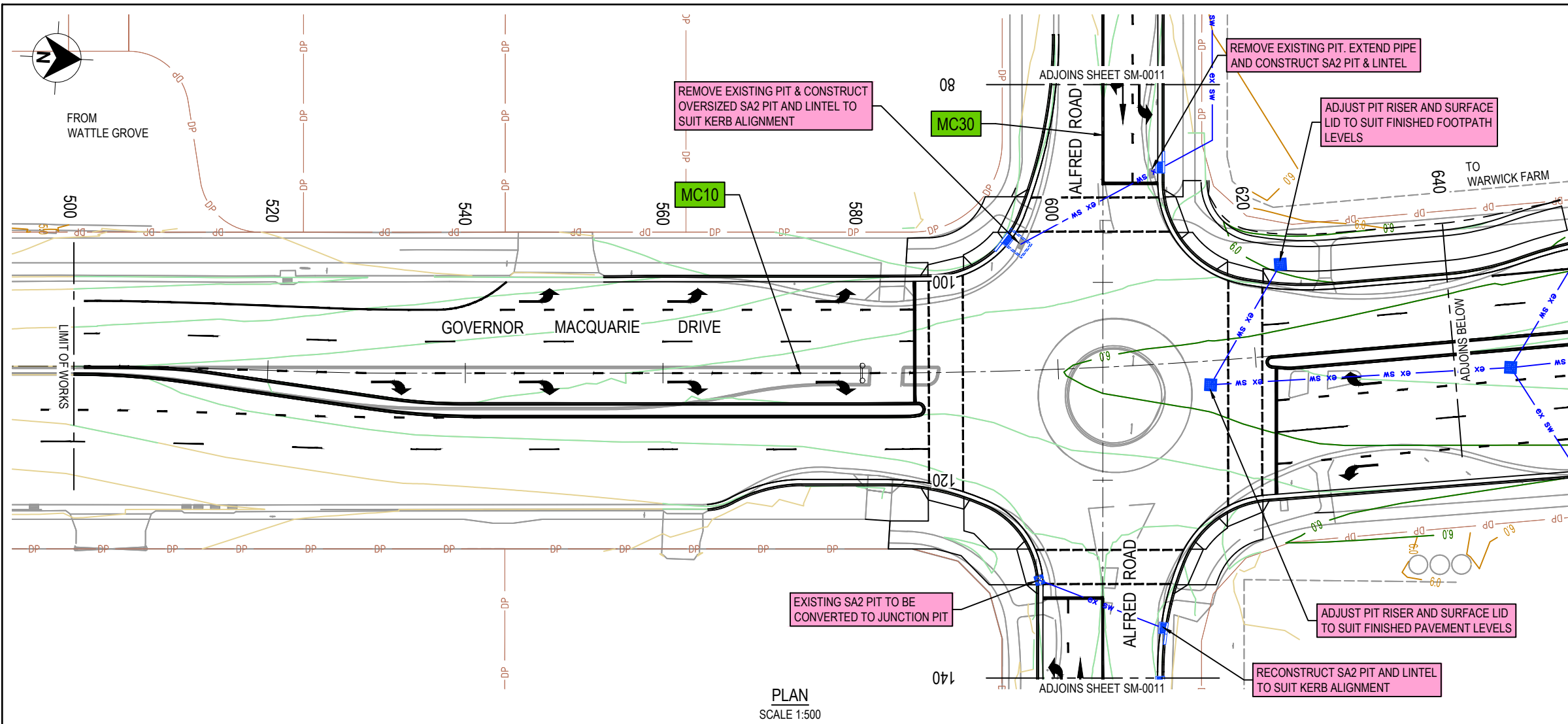
PLAN  
SCALE 1:500

- LEGEND**
- DP — DP OVERLAY BOUNDARY
  - MC10 CONTROL ALIGNMENT LABEL
  - SW — PROPOSED STORMWATER
  - ex SW — EXISTING STORMWATER
  - X — EXISTING OVERHEAD ELECTRICAL
  - GZ — EXISTING GAS MAIN
  - S — EXISTING SEWER MAIN
  - T — EXISTING TELSTRA
  - W — EXISTING WATER MAIN

- NOTES**
1. REFER TO SHEETS GE-0031 AND GE-0032 FOR SURVEY FEATURE LEGEND.
  2. REFER TO SM SERIES SHEETS FOR DRAINAGE PLANS AND DETAILS.
  3. LOCATIONS OF EXISTING UTILITIES SHOWN ARE INDICATIVE ONLY. FINAL LOCATIONS AND LEVELS ARE TO BE CONFIRMED BY UTILITY PROVIDER.
  4. DETAILS OF UTILITIES TO BE REMOVED AND RELOCATED SUBJECT TO DETAILED DESIGN.

**NOT FOR CONSTRUCTION**

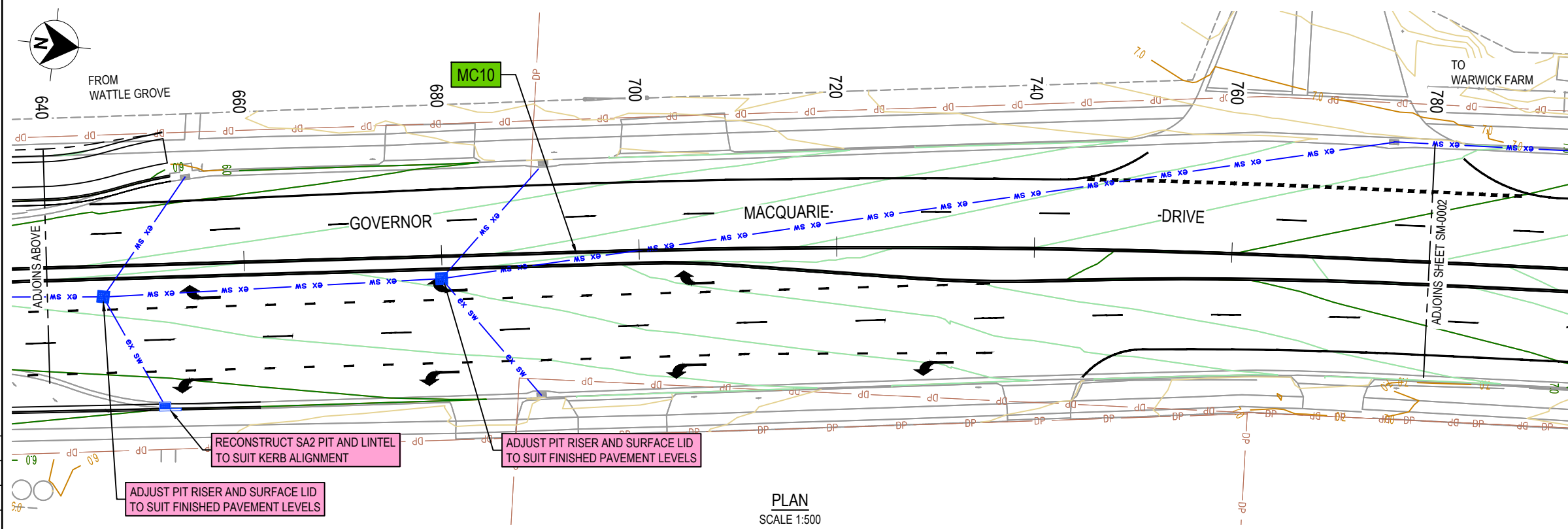
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EXTERNAL REFERENCE FILES		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY				LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON UTILITIES UTILITIES PLAN - ALFRED ROAD		
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x_DESIGN				CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	DRG CHECK	I.BROWN	05.12.22	ISSUE STATUS		
x_SURVEY						DESIGN	N.WALL	05.12.22	EDMS No.		
x_DRAINAGE				Central Coast 5 Pioneer Avenue, P.O. Box 3117, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: cca@adjohnson.com.au www.adjohnson.com.au ABN 62 129 445 398		DESIGN CHECK	I.BROWN	05.12.22	SHEET No.		
x_UTILITIES						DESIGN MNGR	I.BROWN	05.12.22	UT-0011		
						PROJECT MNGR	I.BROWN	05.12.22	ISSUE		
								-	0		



**LEGEND**

DP	DP OVERLAY BOUNDARY
MC10	CONTROL ALIGNMENT LABEL
(Orange line)	EXISTING MAJOR CONTOUR (1.0m INTERVALS)
(Yellow line)	EXISTING MINOR CONTOUR (0.2m INTERVALS)
(Green line)	DESIGN MAJOR CONTOUR (1.0m INTERVALS)
(Light Green line)	DESIGN MINOR CONTOUR (0.2m INTERVALS)
ØXXX	DESIGN DRAINAGE PIPE
X/X	DESIGN PIT / HEADWALL LABEL
(Blue triangle)	DESIGN HEADWALL
(Blue square)	DESIGN PIT - SA2
(Blue star)	DESIGN PIT - JUNCTION PIT
SSXX	DESIGN SUBSOIL DRAINAGE LABEL
(Red dashed line)	DESIGN SUBSOIL DRAINAGE (WITH FLUSHING POINT AND DIRECTION)
(Red square)	DESIGN SUBSOIL OUTLET STRUCTURE

- NOTES**
1. ALL EXISTING DRAINAGE INFRASTRUCTURE TO BE RETAINED UNLESS INDICATED OTHERWISE.
  2. REFER TO SHEETS GE-0031 AND GE-0032 FOR SURVEY FEATURE LEGEND.
  3. REFER TO UT SERIES SHEETS FOR UTILITY PLANS AND DETAILS.

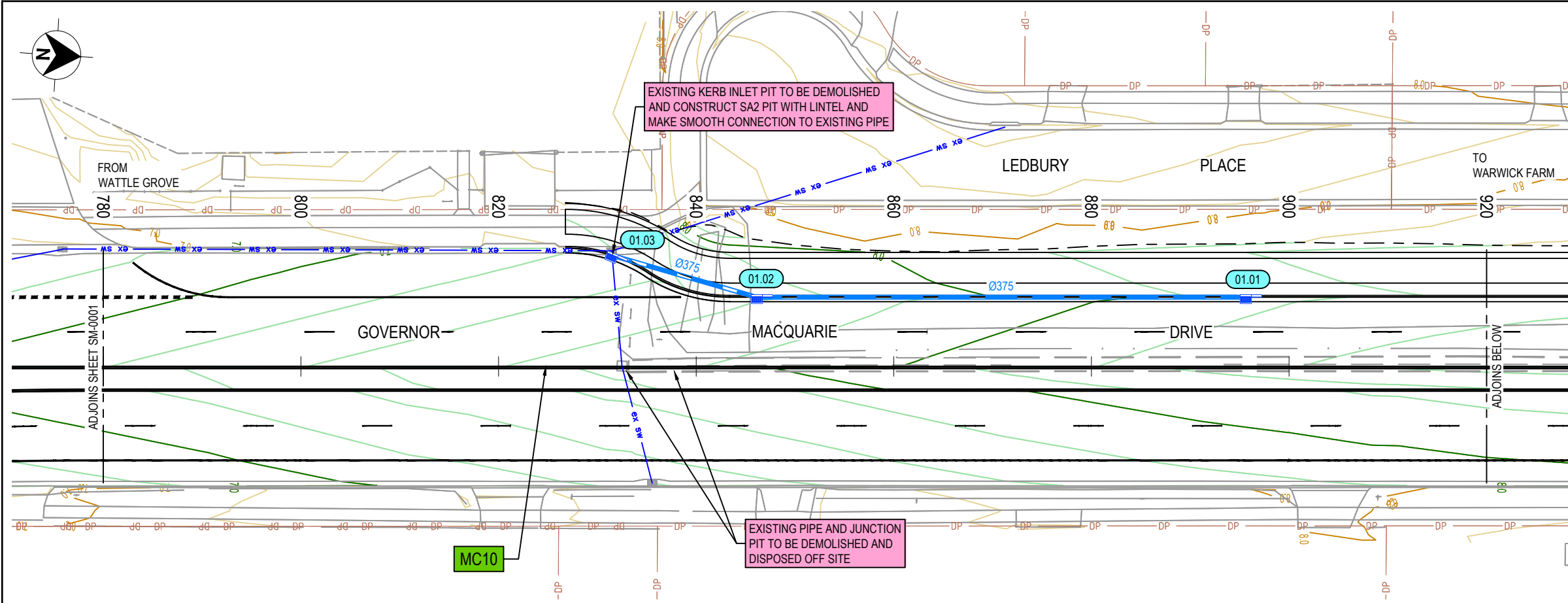


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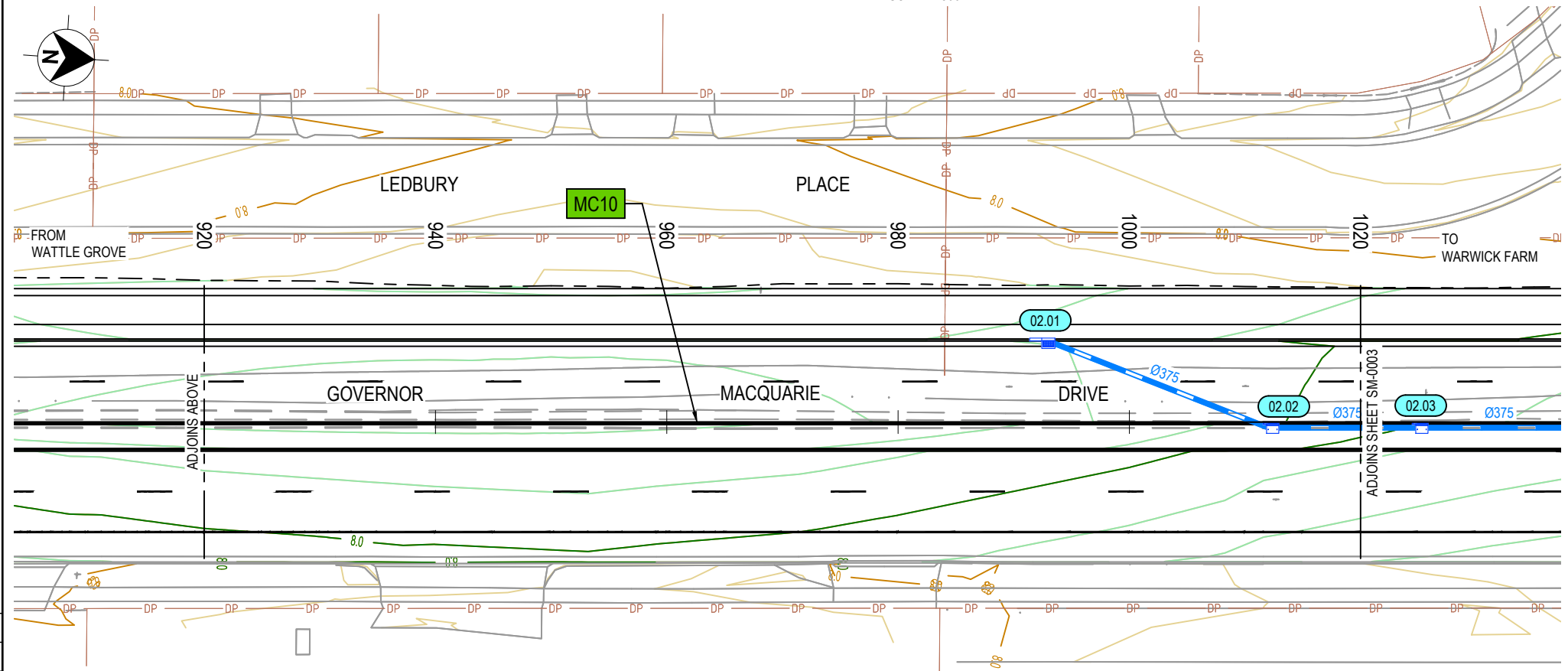
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 5 10 15 20 HORIZONTAL SCALE 1:500m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		TITLE	NAME	DATE	
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				DRG CHECK	I.BROWN	05.12.22	
				DESIGN	N.WALL	05.12.22	
				DESIGN CHECK	I.BROWN	05.12.22	
				DESIGN MNGR	I.BROWN	05.12.22	
				PROJECT MNGR	I.BROWN	05.12.22	
				DESIGN PROJECT No. <b>300312</b>		PART -	
				ISSUE STATUS DETAILED DESIGN		EDMS No. -	SHEET No. SM-0001
						ISSUE 0	





PLAN  
SCALE 1:500



PLAN  
SCALE 1:500

LEGEND	
	DP OVERLAY BOUNDARY
	CONTROL ALIGNMENT LABEL
	EXISTING MAJOR CONTOUR (1.0m INTERVALS)
	EXISTING MINOR CONTOUR (0.2m INTERVALS)
	DESIGN MAJOR CONTOUR (1.0m INTERVALS)
	DESIGN MINOR CONTOUR (0.2m INTERVALS)
	DESIGN DRAINAGE PIPE
	DESIGN PIT / HEADWALL LABEL
	DESIGN HEADWALL
	DESIGN PIT - SA2
	DESIGN PIT - JUNCTION PIT
	DESIGN SUBSOIL DRAINAGE LABEL
	DESIGN SUBSOIL DRAINAGE (WITH FLUSHING POINT AND DIRECTION)
	DESIGN SUBSOIL OUTLET STRUCTURE

- NOTES
1. ALL EXISTING DRAINAGE INFRASTRUCTURE TO BE RETAINED UNLESS INDICATED OTHERWISE.
  2. REFER TO SHEETS GE-0031 AND GE-0032 FOR SURVEY FEATURE LEGEND.
  3. REFER TO UT SERIES SHEETS FOR UTILITY PLANS AND DETAILS.

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50mm ON A3 SIZE ORIGINAL

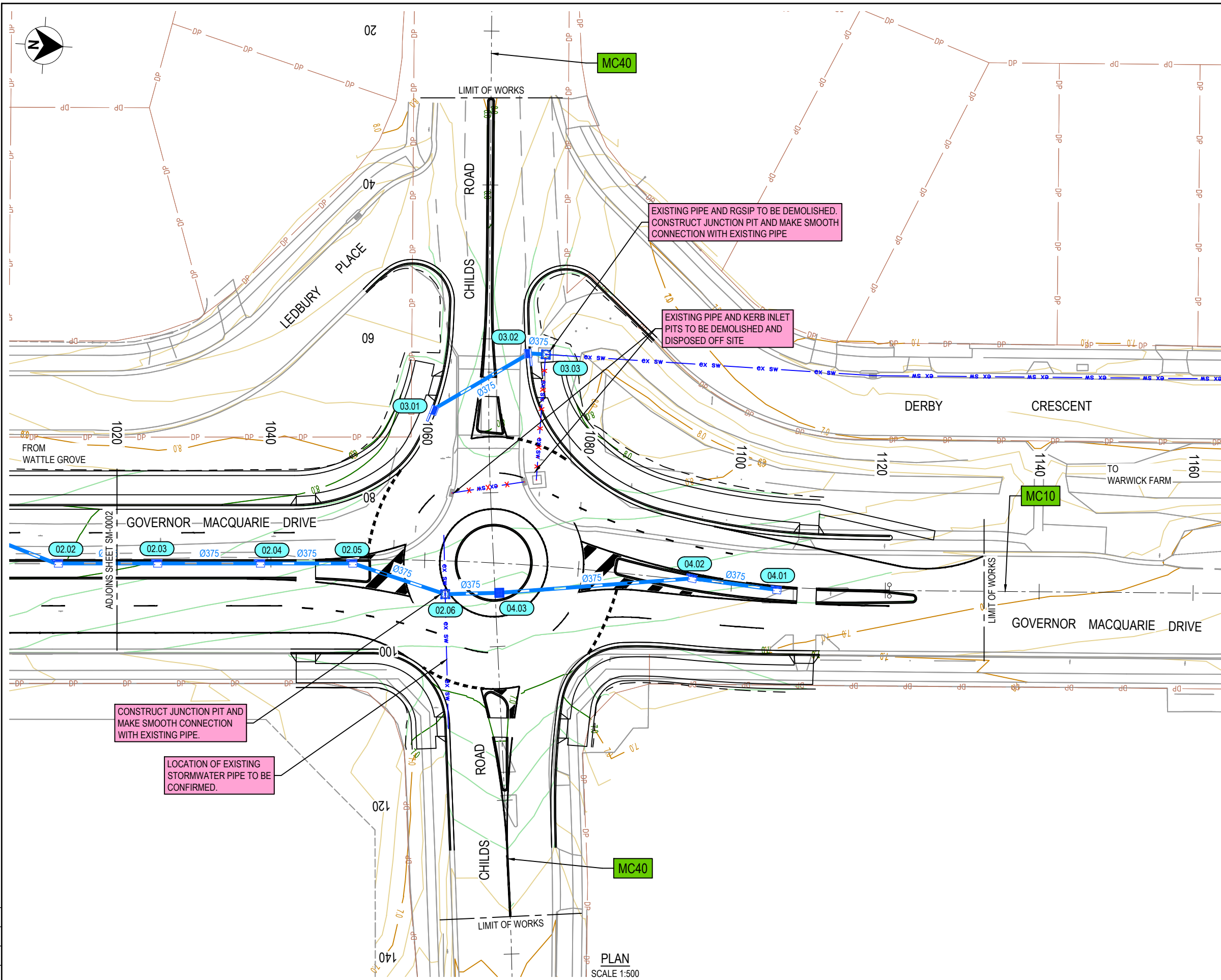
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. 300312	PART -
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CO-ORDINATE SYSTEM MGA ZONE 56			HEIGHT DATUM AHD			EDMS No. -	SHEET No. SM-0002
SCALES ON A3 SIZE DRAWING  HORIZONTAL SCALE 1:500m				DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO  Central Coast 5 Pioneer Avenue P.O. Box 3717 Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		TITLE DRAWN J.JACKSON 05.12.22 DRG CHECK I.BROWN 05.12.22 DESIGN N.WALL 05.12.22 DESIGN CHECK I.BROWN 05.12.22 DESIGN MNGR I.BROWN 05.12.22 PROJECT MNGR I.BROWN 05.12.22	





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LEGEND	
	DP OVERLAY BOUNDARY
	CONTROL ALIGNMENT LABEL
	EXISTING MAJOR CONTOUR (1.0m INTERVALS)
	EXISTING MINOR CONTOUR (0.2m INTERVALS)
	DESIGN MAJOR CONTOUR (1.0m INTERVALS)
	DESIGN MINOR CONTOUR (0.2m INTERVALS)
	DESIGN DRAINAGE PIPE
	DESIGN PIT / HEADWALL LABEL
	DESIGN HEADWALL
	DESIGN PIT - SA2
	DESIGN PIT - JUNCTION PIT
	DESIGN SUBSOIL DRAINAGE LABEL
	DESIGN SUBSOIL DRAINAGE (WITH FLUSHING POINT AND DIRECTION)
	DESIGN SUBSOIL OUTLET STRUCTURE

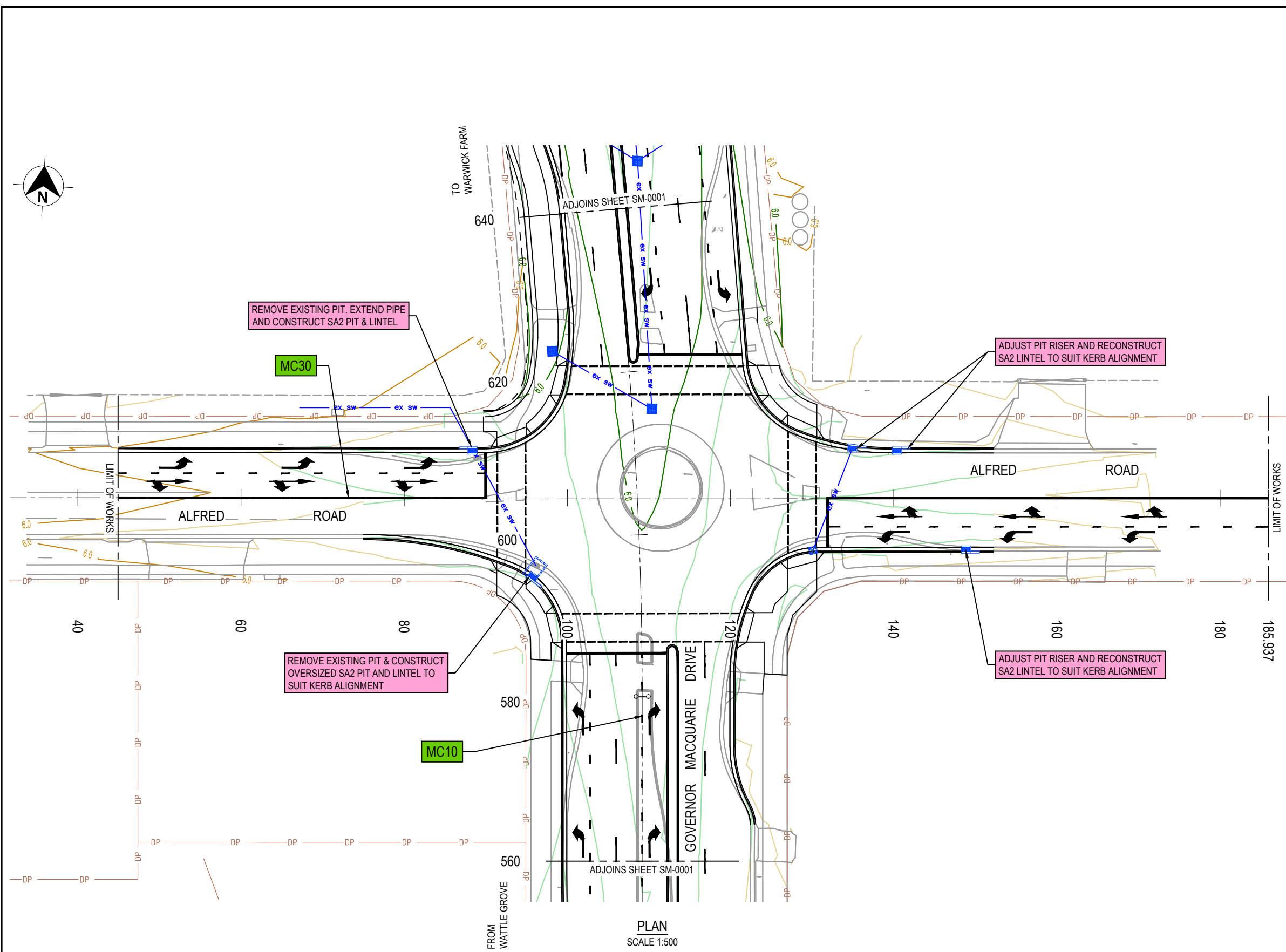
- NOTES**
1. ALL EXISTING DRAINAGE INFRASTRUCTURE TO BE RETAINED UNLESS INDICATED OTHERWISE.
  2. REFER TO SHEETS GE-0031 AND GE-0032 FOR SURVEY FEATURE LEGEND.
  3. REFER TO UT SERIES SHEETS FOR UTILITY PLANS AND DETAILS.

**NOT FOR CONSTRUCTION**

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EXTERNAL REFERENCE FILES		WVR No.	APPROVAL	TITLE	NAME	DATE	DESIGN PROJECT No. <b>300312</b>																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>AMENDMENT / REVISION DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>05.12.22</td> <td>DETAILED DESIGN - ISSUED FOR REVIEW</td> </tr> </tbody> </table>		REV	DATE	AMENDMENT / REVISION DESCRIPTION	0	05.12.22	DETAILED DESIGN - ISSUED FOR REVIEW	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SCALES ON A3 SIZE DRAWING</th> <th>DRAWINGS / DESIGN PREPARED BY</th> </tr> </thead> <tbody> <tr> <td>             HORIZONTAL SCALE 1:500m         </td> <td>           COMPANY NAME / LOGO  </td> </tr> </tbody> </table>		SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	 HORIZONTAL SCALE 1:500m	COMPANY NAME / LOGO 	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CO-ORDINATE SYSTEM</th> <th>HEIGHT DATUM</th> </tr> </thead> <tbody> <tr> <td>MGA ZONE 56</td> <td>AHD</td> </tr> </tbody> </table>	CO-ORDINATE SYSTEM	HEIGHT DATUM	MGA ZONE 56	AHD	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DRG CHECK</th> <th>DESIGN</th> <th>DESIGN CHECK</th> <th>DESIGN MNGR</th> <th>PROJECT MNGR</th> </tr> </thead> <tbody> <tr> <td>J.JACKSON</td> <td>I.BROWN</td> <td>N.WALL</td> <td>I.BROWN</td> <td>I.BROWN</td> </tr> </tbody> </table>	DRG CHECK	DESIGN	DESIGN CHECK	DESIGN MNGR	PROJECT MNGR	J.JACKSON	I.BROWN	N.WALL	I.BROWN	I.BROWN	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ISSUE STATUS</th> <th>EDMS No.</th> <th>SHEET No.</th> <th>ISSUE</th> </tr> </thead> <tbody> <tr> <td>DETAILED DESIGN</td> <td>-</td> <td>SM-0003</td> <td>0</td> </tr> </tbody> </table>	ISSUE STATUS	EDMS No.	SHEET No.	ISSUE	DETAILED DESIGN	-	SM-0003	0		PART - ISSUE 0
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DETAILED DESIGN	-	SM-0003	0																																					



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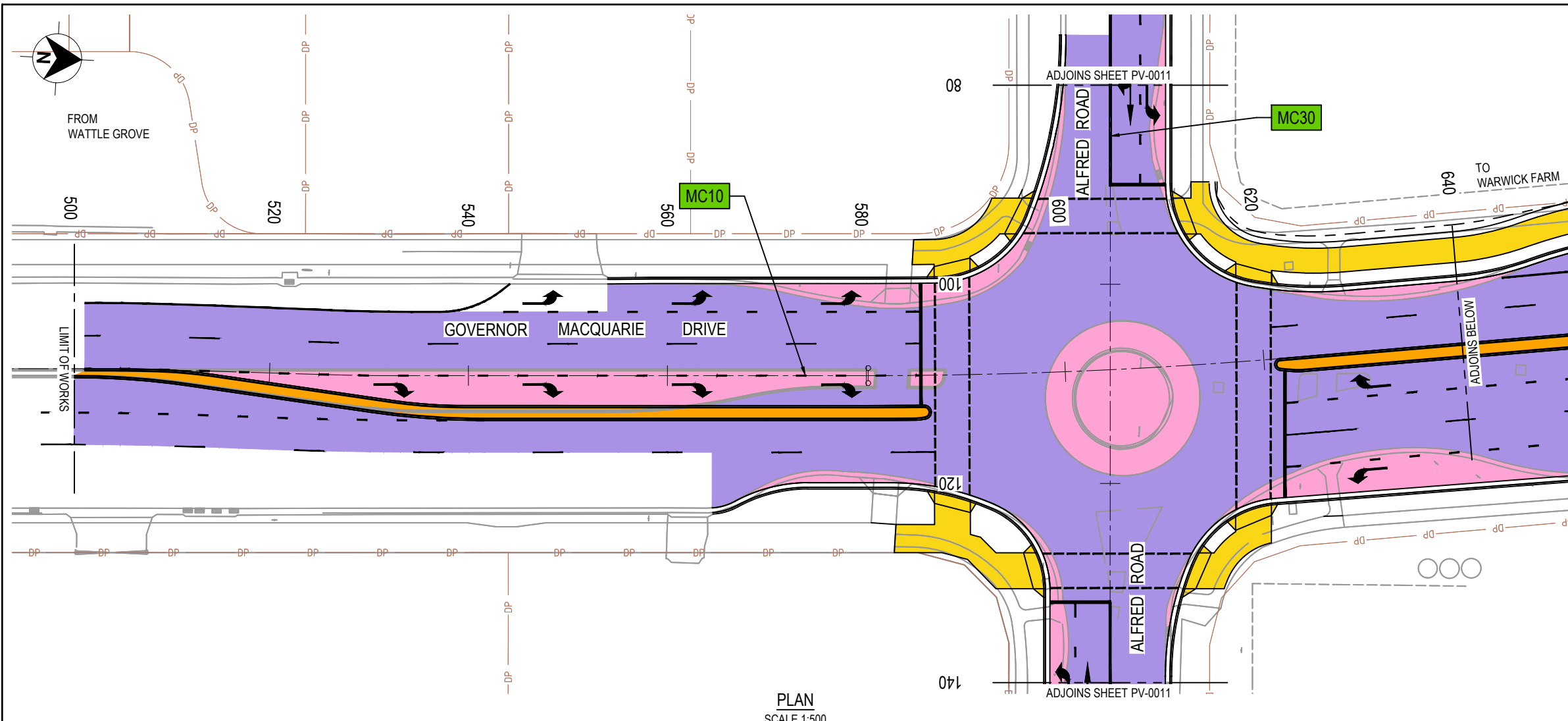
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	EXISTING MINOR CONTOUR (0.2m INTERVALS)
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	DESIGN SUBSOIL OUTLET STRUCTURE

- NOTES**
1. ALL EXISTING DRAINAGE INFRASTRUCTURE TO BE RETAINED UNLESS INDICATED OTHERWISE.
  2. REFER TO SHEETS GE-0031 AND GE-0032 FOR SURVEY FEATURE LEGEND.
  3. REFER TO UT SERIES SHEETS FOR UTILITY PLANS AND DETAILS.

PLAN  
SCALE 1:500

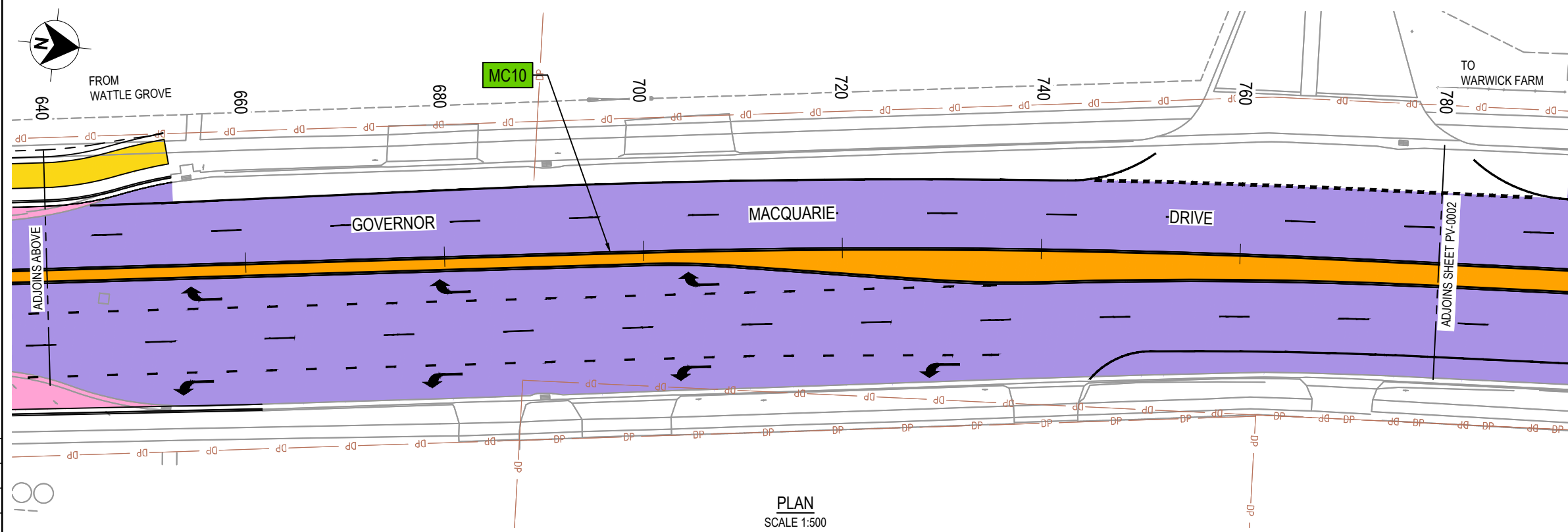
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING 0 5 10 15 20 HORIZONTAL SCALE 1:500m	DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 
x_SHT						CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD
x_LABELS							
x_DESIGN							
x_SURVEY							
x_DRAINAGE							
x_UTILITIES							
TITLE		NAME	DATE	DRAWINGS / DESIGN PREPARED BY		CLIENT	
DRAWN		J.JACKSON	05.12.22	DRAWINGS / DESIGN PREPARED BY		LIVERPOOL CITY COUNCIL	
DRG CHECK		I.BROWN	05.12.22	DRAWINGS / DESIGN PREPARED BY		GOVERNOR MACQUARIE DRIVE	
DESIGN		N.WALL	05.12.22	DRAWINGS / DESIGN PREPARED BY		ROAD UPGRADE WORKS	
DESIGN CHECK		I.BROWN	05.12.22	DRAWINGS / DESIGN PREPARED BY		ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON	
DESIGN MNGR		I.BROWN	05.12.22	DRAWINGS / DESIGN PREPARED BY		STORMWATER MANAGEMENT	
PROJECT MNGR		I.BROWN	05.12.22	DRAWINGS / DESIGN PREPARED BY		STORMWATER MANAGEMENT PLAN - ALFRED ROAD	
DESIGN PROJECT No.		300312		PART		-	
ISSUE STATUS		DETAILED DESIGN		SHEET No.		SM-0011	
EDMS No.		-		ISSUE		0	



- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT LABEL
  - PAVEMENT TYPE P1 - MILL & RE-SHEET (MILL 50mm & RE-SHEET WITH 50mm THICKNESS AC14 GRADE A15E BINDER)
  - PAVEMENT TYPE P2 - FULL DEPTH CONSTRUCTION (TO BE CONFIRMED BY GEOTECH INVESTIGATION)
  - PAVEMENT TYPE P3 - CONCRETE MEDIAN (100mm THICKNESS N25 CONCRETE (1 LAYER SL72 MESH 40 TOP COVER) ON 75mm THICKNESS DGB20 COMPACTED ROAD BASE ON COMPACTED SUBGRADE)
  - PAVEMENT TYPE P4 - CONCRETE FOOTPATHS (AS PER CONCRETE MEDIAN)

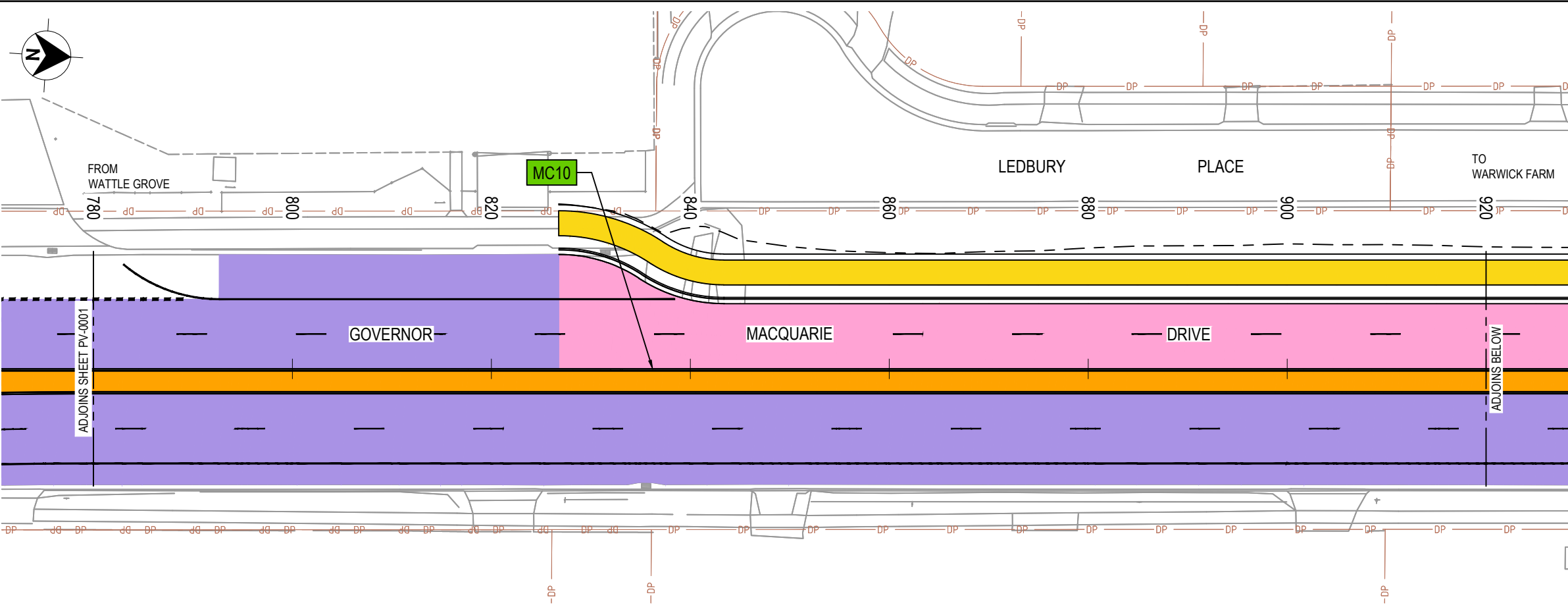
- NOTES**
1. REFER TO SHEET RD-0001 FOR ROAD TYPICAL SECTIONS, AND RD-0005 - RD006 FOR TYPICAL DETAILS.
  2. REFER TO SHEETS RD-0011 TO RD-0034 FOR MASTER CONTROL, KERB, AND MEDIAN ISLAND ALIGNMENT PLANS AND SCHEDULES.
  3. REFER TO SHEET PV-0101 FOR PAVEMENT DETAILS.
  4. REFER TNSW MODEL DRAWING R0300-11 FOR KERB RAMP CONSTRUCTION DETAILS.



**NOT FOR CONSTRUCTION**

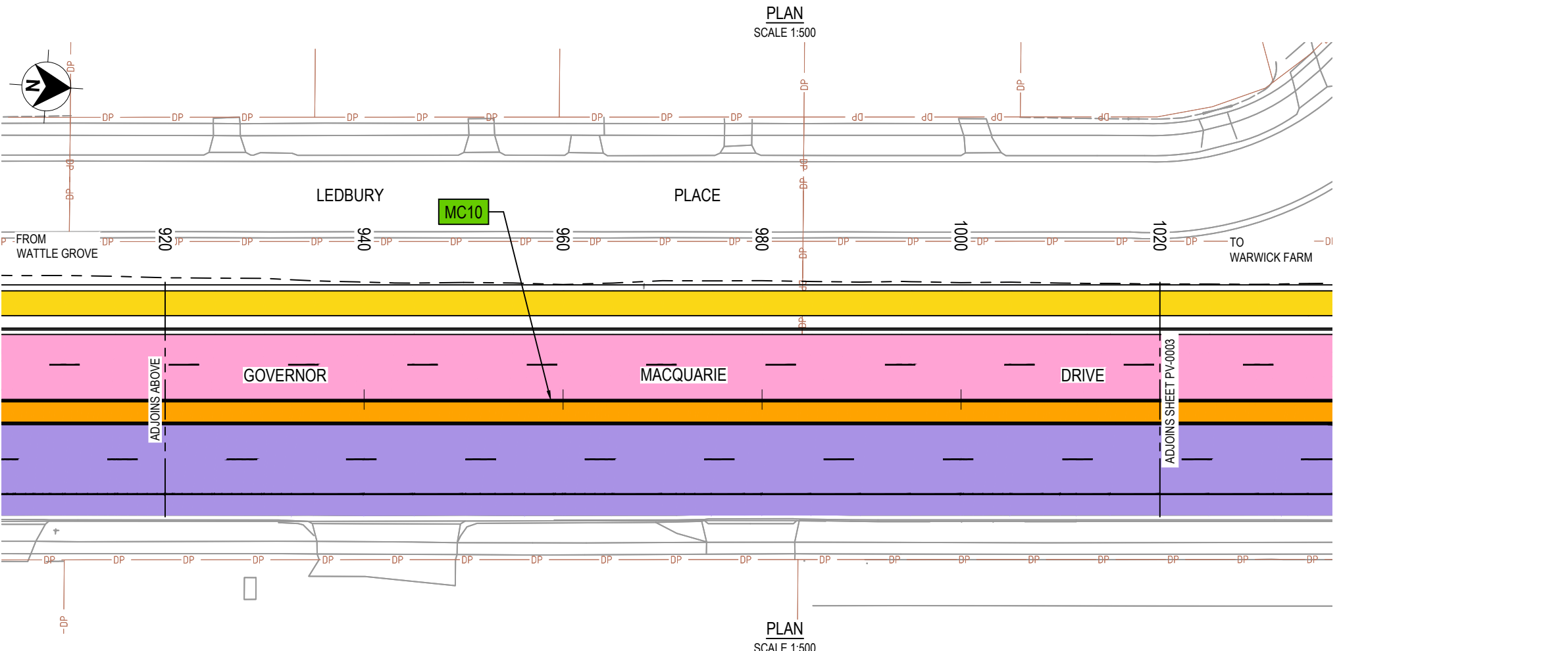
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CO-ORDINATE SYSTEM MGA ZONE 56			HEIGHT DATUM AHD		ISSUED STATUS DETAILED DESIGN		
EDMS No. -			SHEET No. PV-0001		ISSUE 0		
© Roads and Maritime Services							



- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT LABEL
  - PAVEMENT TYPE P1 - MILL & RE-SHEET (MILL 50mm & RE-SHEET WITH 50mm THICKNESS AC14 GRADE A15E BINDER)
  - PAVEMENT TYPE P2 - FULL DEPTH CONSTRUCTION (TO BE CONFIRMED BY GEOTECH INVESTIGATION)
  - PAVEMENT TYPE P3 - CONCRETE MEDIAN (100mm THICKNESS N25 CONCRETE (1 LAYER SL72 MESH 40 TOP COVER) ON 75mm THICKNESS DGB20 COMPACTED ROAD BASE ON COMPACTED SUBGRADE)
  - PAVEMENT TYPE P4 - CONCRETE FOOTPATHS (AS PER CONCRETE MEDIAN)

- NOTES**
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  2. REFER TO SHEETS RD-0011 TO RD-0034 FOR MASTER CONTROL, KERB, AND MEDIAN ISLAND ALIGNMENT PLANS AND SCHEDULES.
  3. PAVEMENT DETAILS TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION.



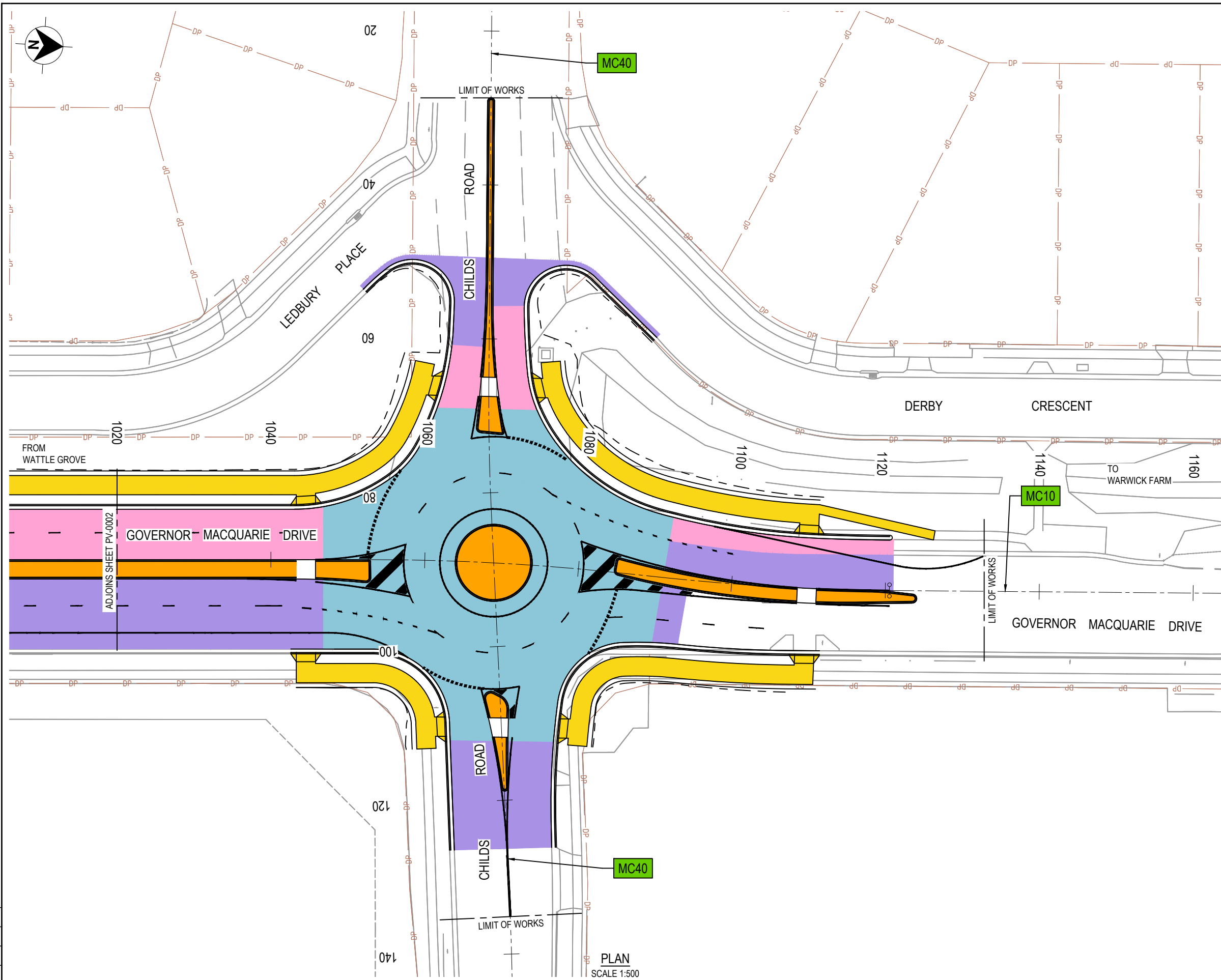
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- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT LABEL
  - PAVEMENT TYPE P1 - MILL & RE-SHEET (MILL 50mm & RE-SHEET WITH 50mm THICKNESS AC14 GRADE A15E BINDER)
  - PAVEMENT TYPE P2 - FULL DEPTH CONSTRUCTION (TO BE CONFIRMED BY GEOTECH INVESTIGATION)
  - PAVEMENT TYPE P3 - HEAVILY BOUND MATERIAL (TO BE CONFIRMED BY GEOTECH INVESTIGATION)
  - PAVEMENT TYPE P3 - CONCRETE MEDIAN (100mm THICKNESS N25 CONCRETE (1 LAYER SL72 MESH 40 TOP COVER) ON 75mm THICKNESS DGB20 COMPACTED ROAD BASE ON COMPACTED SUBGRADE)
  - PAVEMENT TYPE P4 - CONCRETE FOOTPATHS (AS PER CONCRETE MEDIAN)

- NOTES**
1. REFER TO SHEET RD-0001 FOR ROAD TYPICAL SECTIONS, AND RD-0005 - RD006 FOR TYPICAL DETAILS.
  2. REFER TO SHEETS RD-0011 TO RD-0034 FOR MASTER CONTROL, KERB, AND MEDIAN ISLAND ALIGNMENT PLANS AND SCHEDULES.
  3. PAVEMENT DETAILS TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION.

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED 50mm ON A3 SIZE ORIGINAL

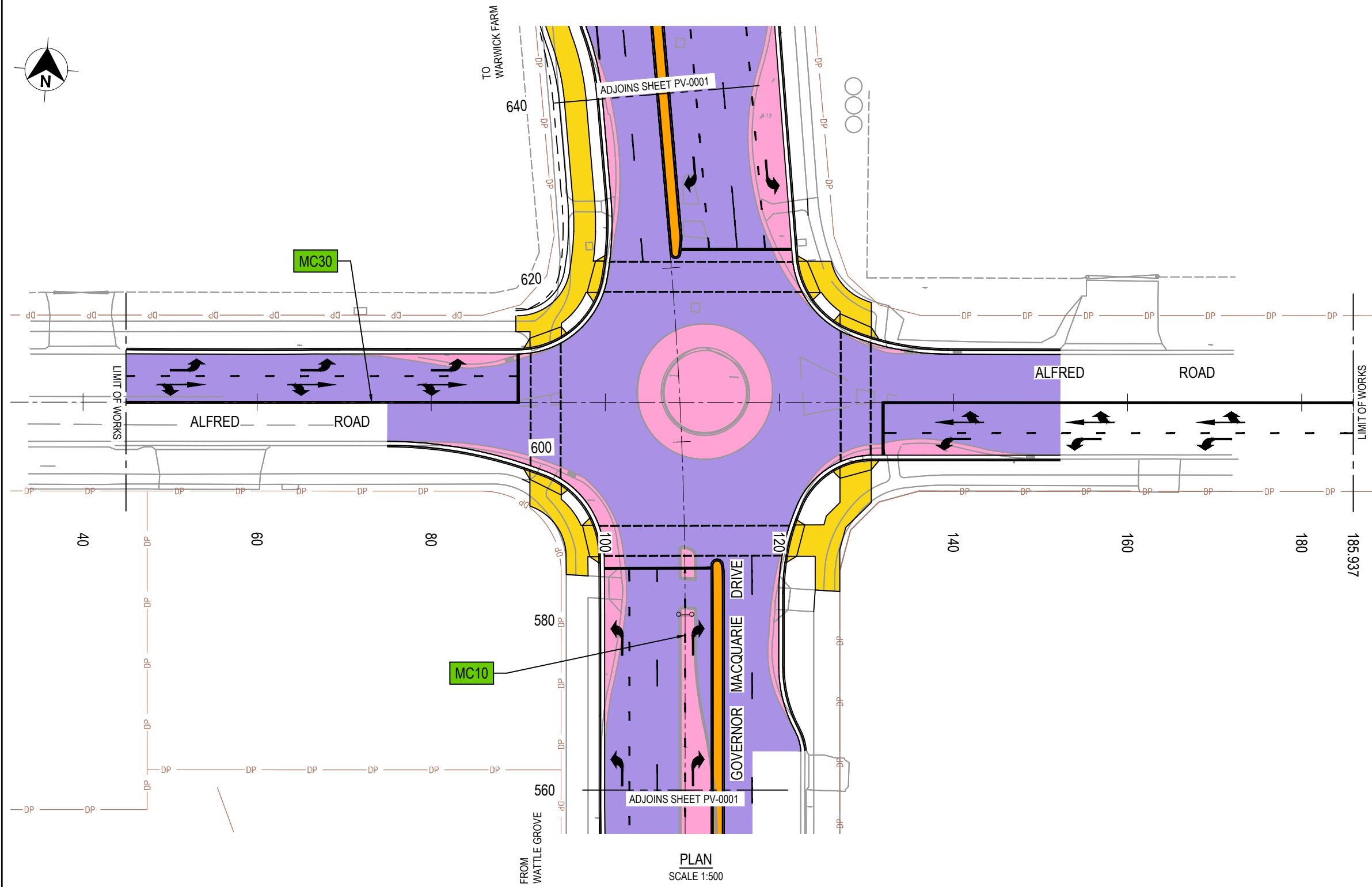
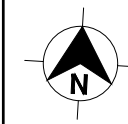
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EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>	ISSUE STATUS DETAILED DESIGN
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				TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	
				DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22		EDMS No. - SHEET No. PV-0003 ISSUE 0	





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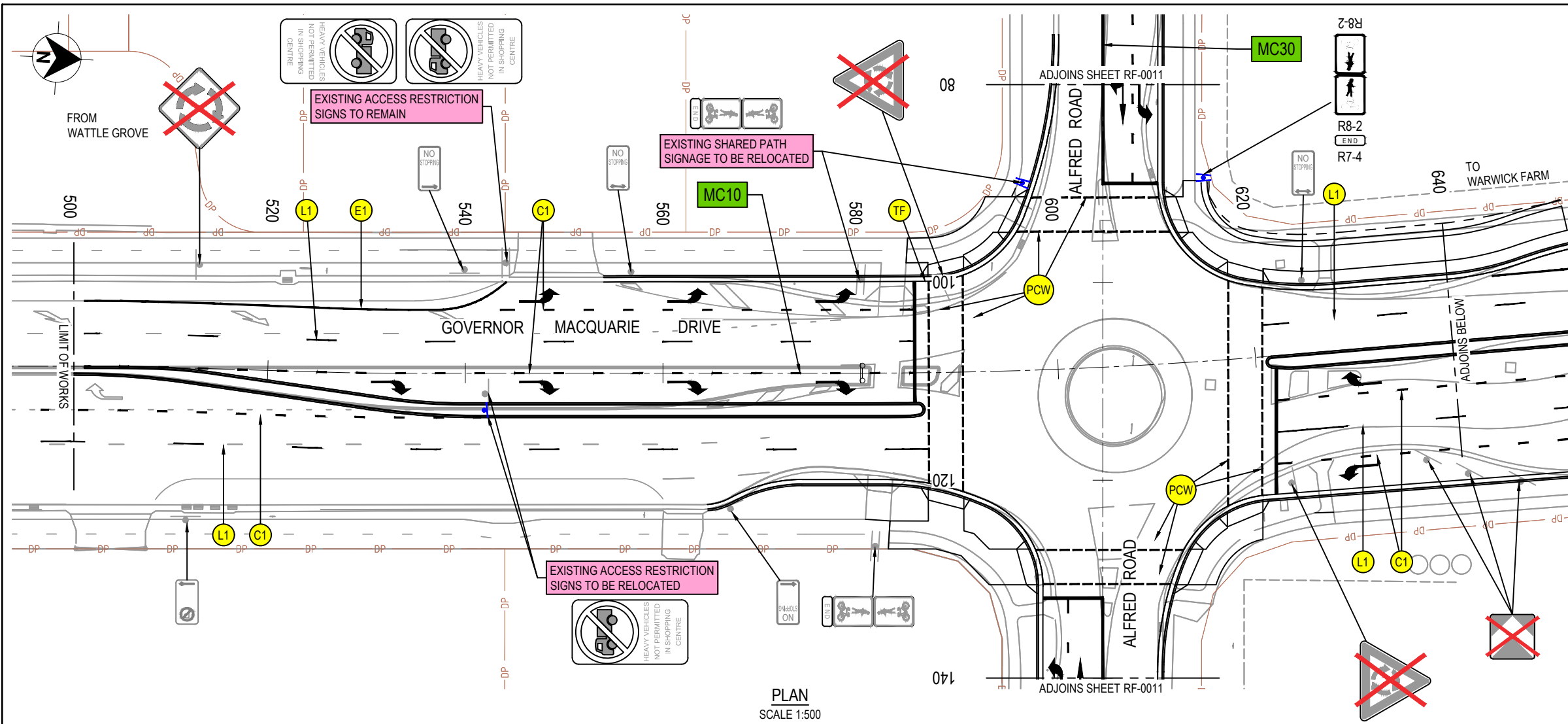
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SCALE 1:500

- LEGEND**
- DP OVERLAY BOUNDARY
  - MC10 CONTROL ALIGNMENT LABEL
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  - PAVEMENT TYPE P2 - FULL DEPTH CONSTRUCTION (TO BE CONFIRMED BY GEOTECH INVESTIGATION)
  - PAVEMENT TYPE P3 - CONCRETE MEDIAN (100mm THICKNESS N25 CONCRETE (1 LAYER SL72 MESH 40 TOP COVER) ON 75mm THICKNESS DGB20 COMPACTED ROAD BASE ON COMPACTED SUBGRADE)
  - PAVEMENT TYPE P4 - CONCRETE FOOTPATHS (AS PER CONCRETE MEDIAN)

- NOTES**
1. REFER TO SHEET RD-0001 FOR ROAD TYPICAL SECTIONS, AND RD-0005 - RD006 FOR TYPICAL DETAILS.
  2. REFER TO SHEETS RD-0011 TO RD-0034 FOR MASTER CONTROL, KERB, AND MEDIAN ISLAND ALIGNMENT PLANS AND SCHEDULES.
  3. PAVEMENT DETAILS TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION.

**NOT FOR CONSTRUCTION**

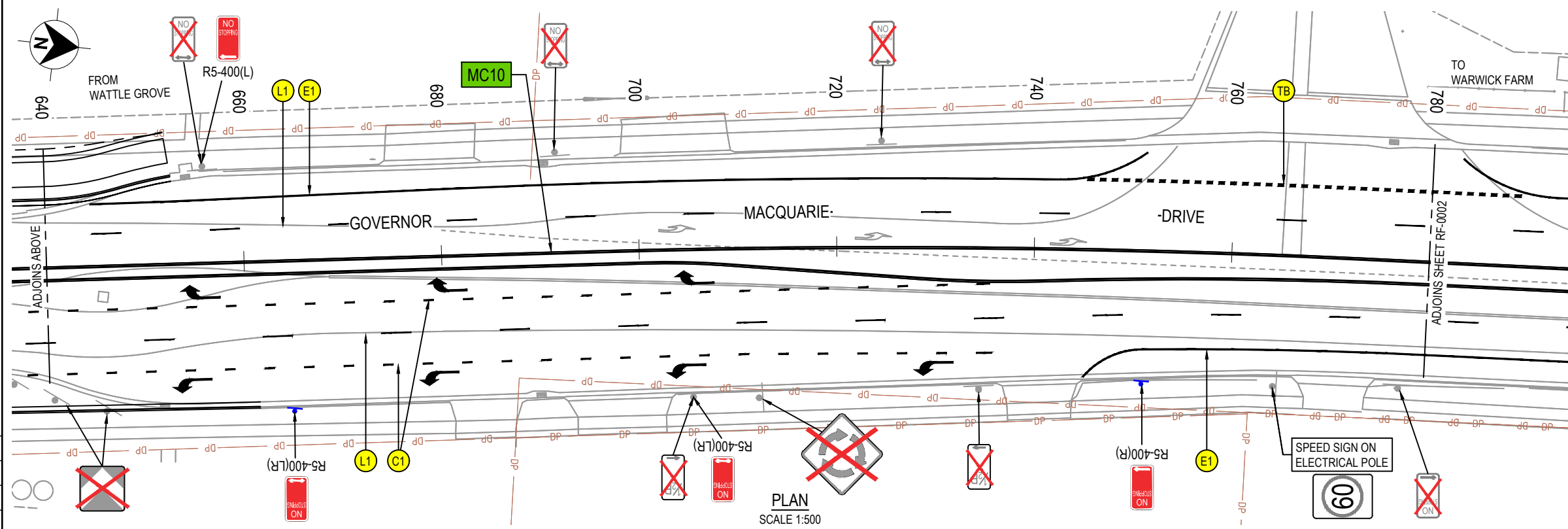
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TITLE	NAME	DATE																																
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DRG CHECK	I.BROWN	05.12.22																																
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PROJECT MNGR	I.BROWN	05.12.22																																
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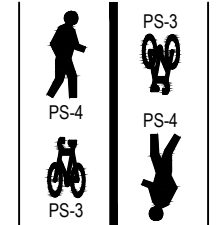
PLAN  
SCALE 1:500

- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT LABEL
  - LINEMARKING TYPE LABEL
  - EXISTING SIGN & POST
  - EXISTING SIGN TO BE REMOVED
  - INSTALL NEW SIGN
  - APPLY NEW LINEMARKING ARROW - ASR
  - APPLY NEW LINEMARKING ARROW - UA3L
  - APPLY NEW LINEMARKING ARROW - UA3R

- NOTES**
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  2. PAVEMENT MARKING & SIGNPOSTING TO BE IN ACCORDANCE WITH RMS GUIDELINES & SPECIFICATIONS
  3. INSTALL PAINTED CHEVRONS IN ACCORDANCE WITH RMS DELINEATION GUIDELINES
  4. ALL EXISTING LINEMARKING BETWEEN LIMITS OF WORKS WILL BE REMOVED AS PART OF PAVEMENT WORKS. REFER TO PV SERIES DRAWINGS FOR EXTENTS.
  5. ALL PROPOSED SIGNAGE TO BE SIZE 'B' UNLESS OTHERWISE NOTED
  6. ALL NEW LINEMARKING TO BE RAISED REFLECTIVE PAVEMENT MARKING IN ACCORDANCE WITH RMS DELINEATION GUIDELINES



PLAN  
SCALE 1:500



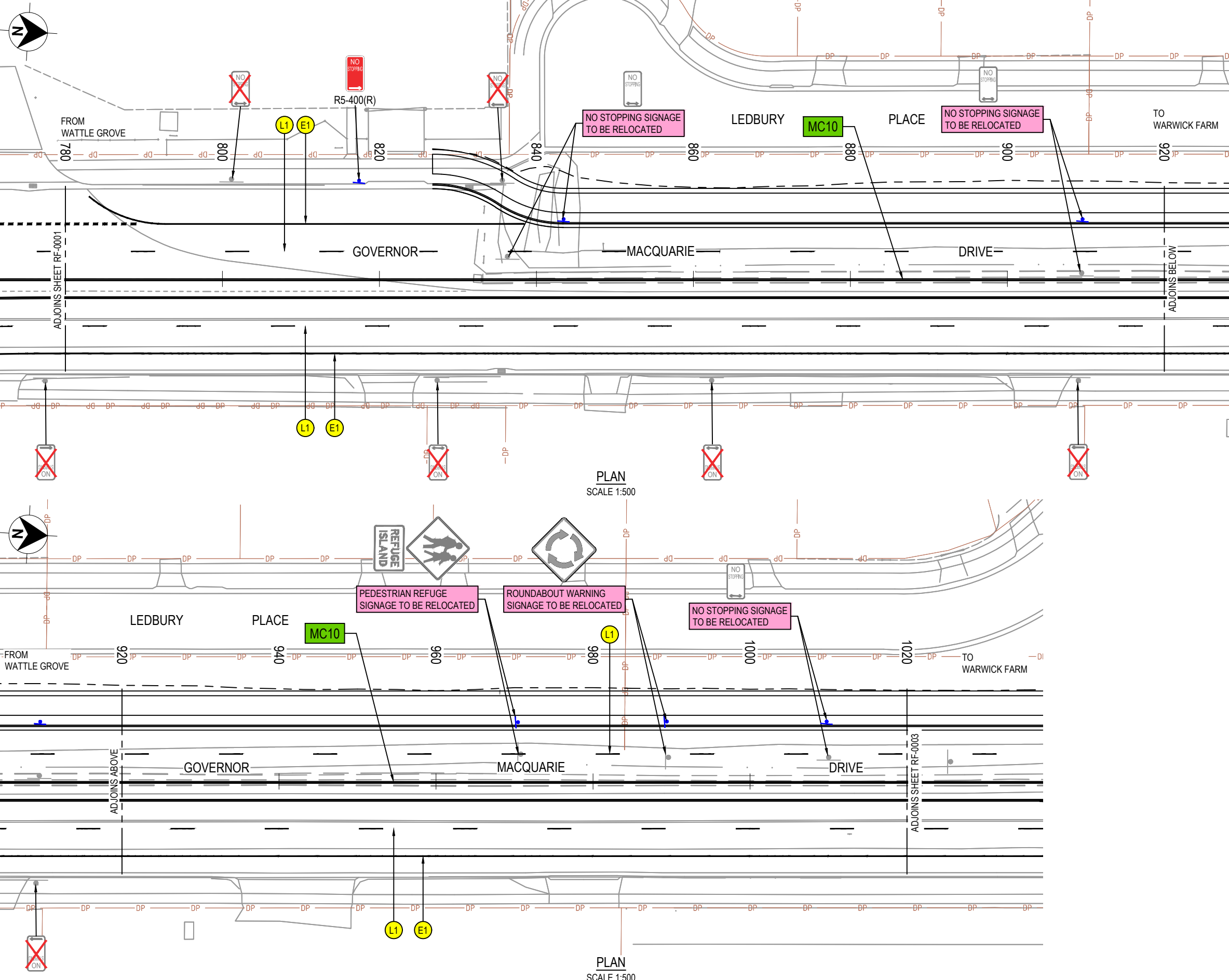
TYPICAL SHARED PATH DETAIL  
PS-3 & PS-4  
NOT TO SCALE

**NOT FOR CONSTRUCTION**

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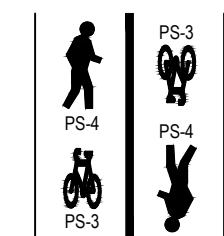
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x_DRAINAGE				DESIGN MNGR	I.BROWN	05.12.22	
x_UTILITIES				PROJECT MNGR	I.BROWN	05.12.22	





- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT LABEL
  - LINEMARKING TYPE LABEL
  - EXISTING SIGN & POST
  - EXISTING SIGN TO BE REMOVED
  - INSTALL NEW SIGN
  - APPLY NEW LINEMARKING ARROW - ASR
  - APPLY NEW LINEMARKING ARROW - UA3L
  - APPLY NEW LINEMARKING ARROW - UA3R

- NOTES**
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TYPICAL SHARED PATH DETAIL  
PS-3 & PS-4  
NOT TO SCALE

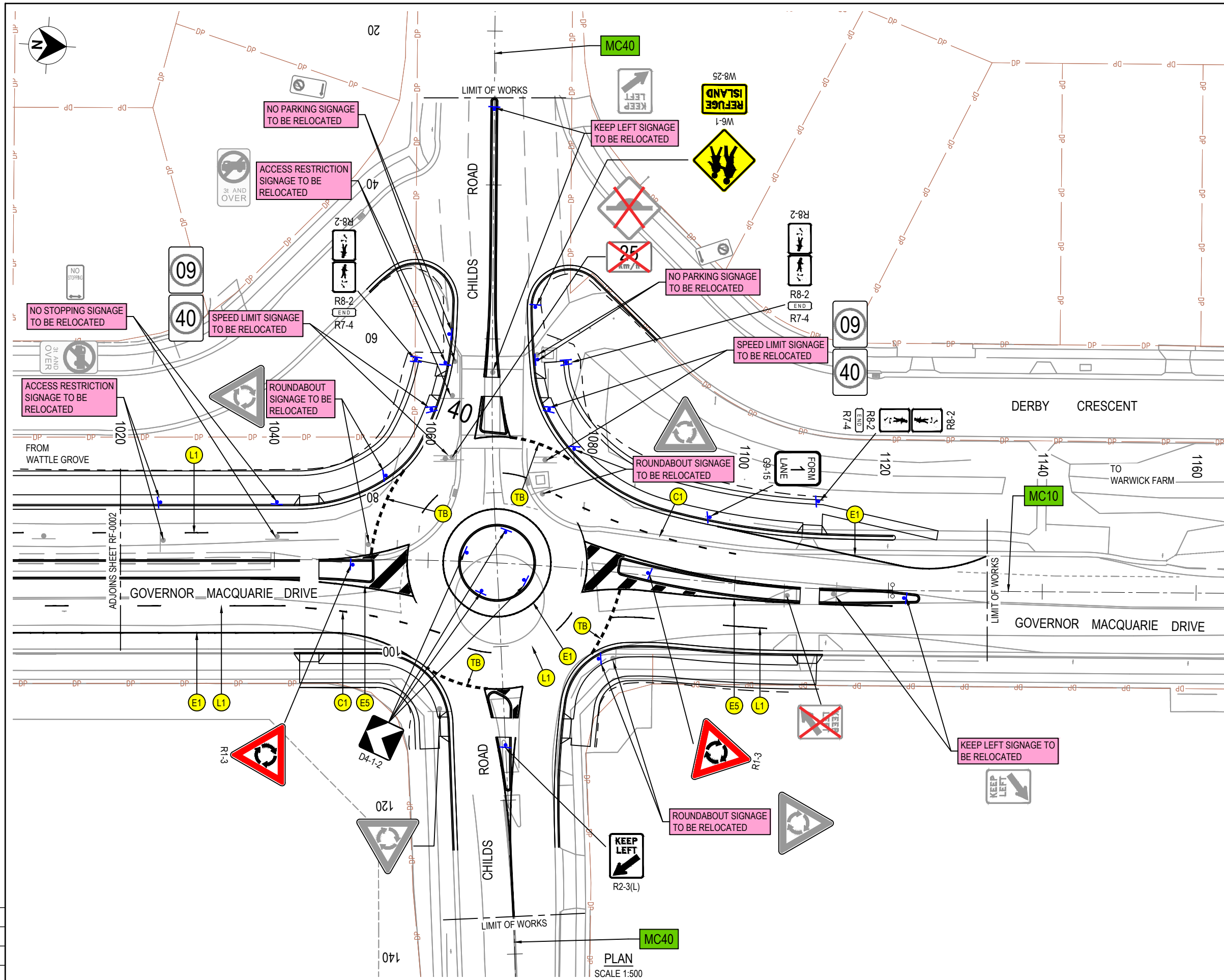
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EXTERNAL REFERENCE FILES		WVR No.	APPROVAL	TITLE	NAME	DATE	DESIGN PROJECT No. <b>300312</b>
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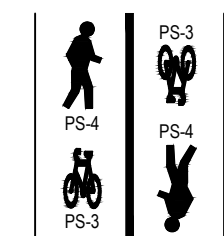


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- LEGEND**
- DP OVERLAY BOUNDARY
  - CONTROL ALIGNMENT LABEL
  - LINEMARKING TYPE LABEL
  - EXISTING SIGN & POST
  - EXISTING SIGN TO BE REMOVED
  - INSTALL NEW SIGN
  - APPLY NEW LINEMARKING ARROW - ASR
  - APPLY NEW LINEMARKING ARROW - UA3L
  - APPLY NEW LINEMARKING ARROW - UA3R

- NOTES**
1. REFER TO SHEET RD-0201 FOR ROAD TYPICAL SECTIONS.
  2. PAVEMENT MARKING & SIGNPOSTING TO BE IN ACCORDANCE WITH RMS GUIDELINES & SPECIFICATIONS
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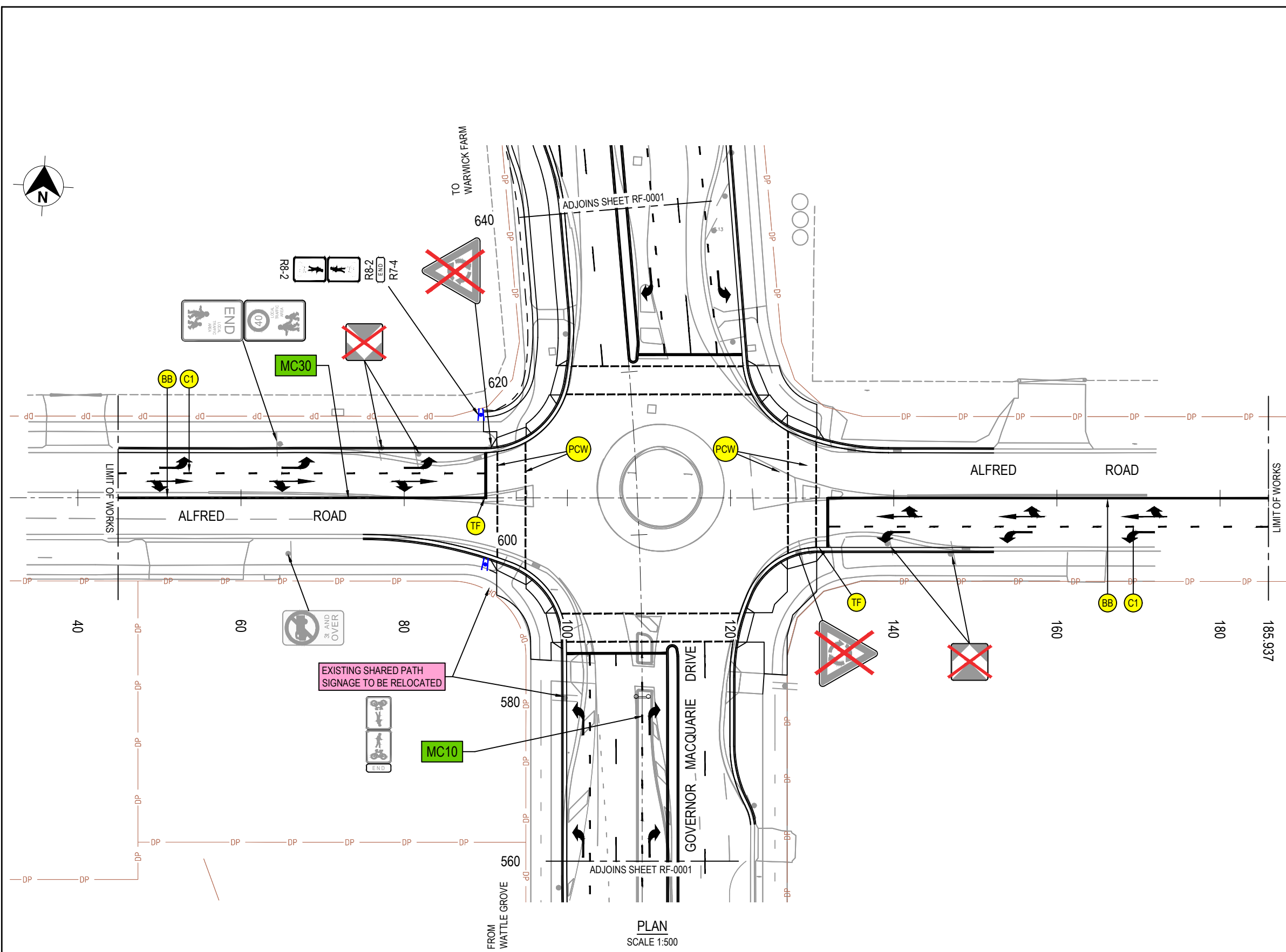
TYPICAL SHARED PATH DETAIL  
PS-3 & PS-4  
NOT TO SCALE

NOT FOR CONSTRUCTION

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EDMS No. -			SHEET No. RF-0003		ISSUE 0		© Roads and Maritime Services

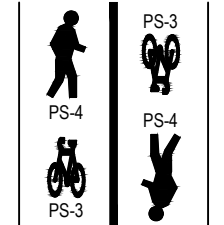


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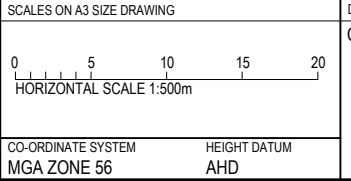
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  - EXISTING SIGN & POST
  - EXISTING SIGN TO BE REMOVED
  - INSTALL NEW SIGN
  - APPLY NEW LINEMARKING ARROW - ASR
  - APPLY NEW LINEMARKING ARROW - UA3L
  - APPLY NEW LINEMARKING ARROW - UA3R

- ### NOTES
1. REFER TO SHEET RD-0201 FOR ROAD TYPICAL SECTIONS.
  2. PAVEMENT MARKING & SIGNPOSTING TO BE IN ACCORDANCE WITH RMS GUIDELINES & SPECIFICATIONS
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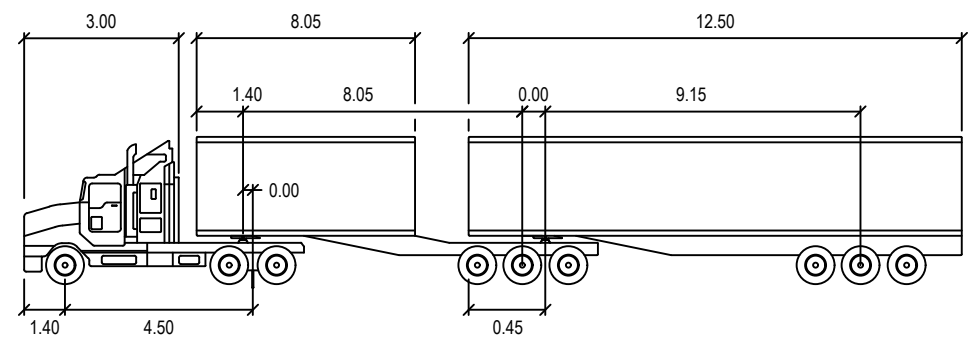
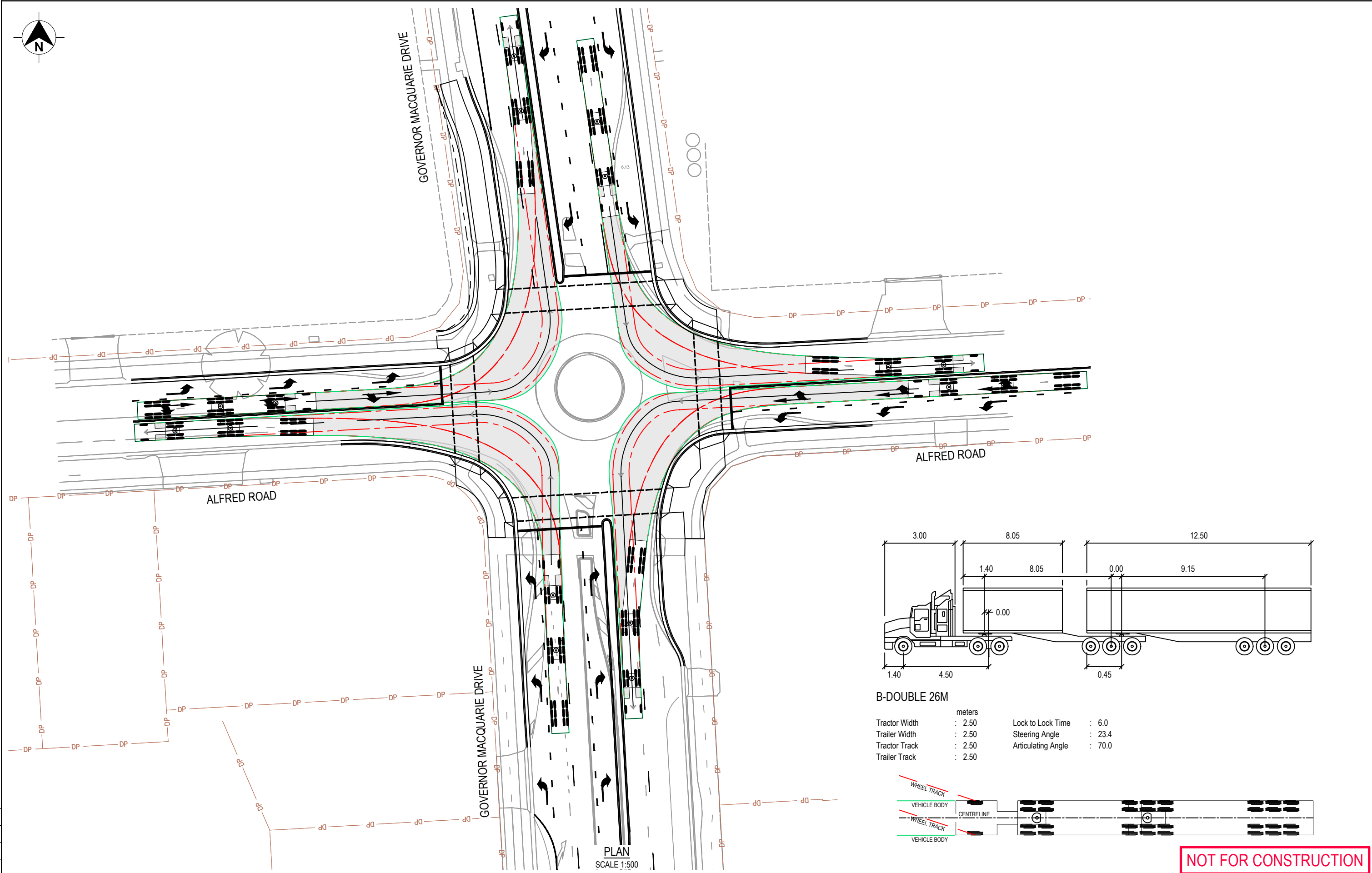
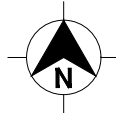
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PS-3 & PS-4  
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x_SURVEY				DESIGN CHECK	I.BROWN	05.12.22
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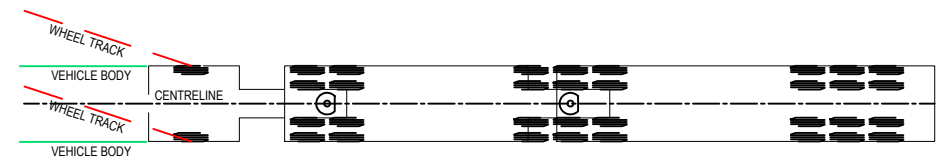
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ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. RF-0011

NOT FOR CONSTRUCTION



**B-DOUBLE 26M**

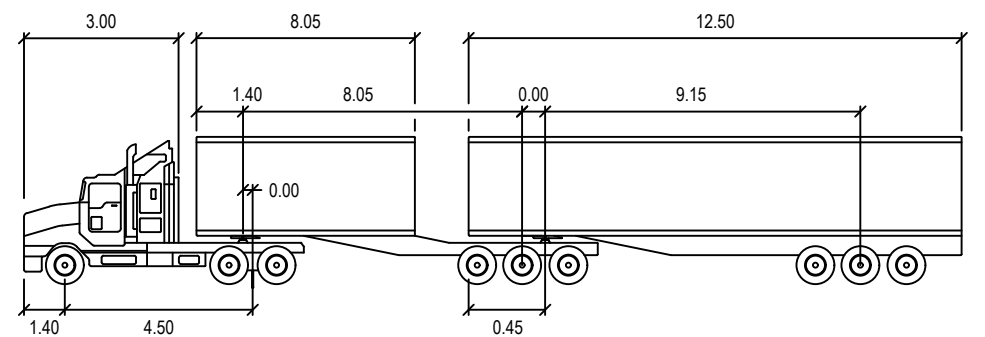
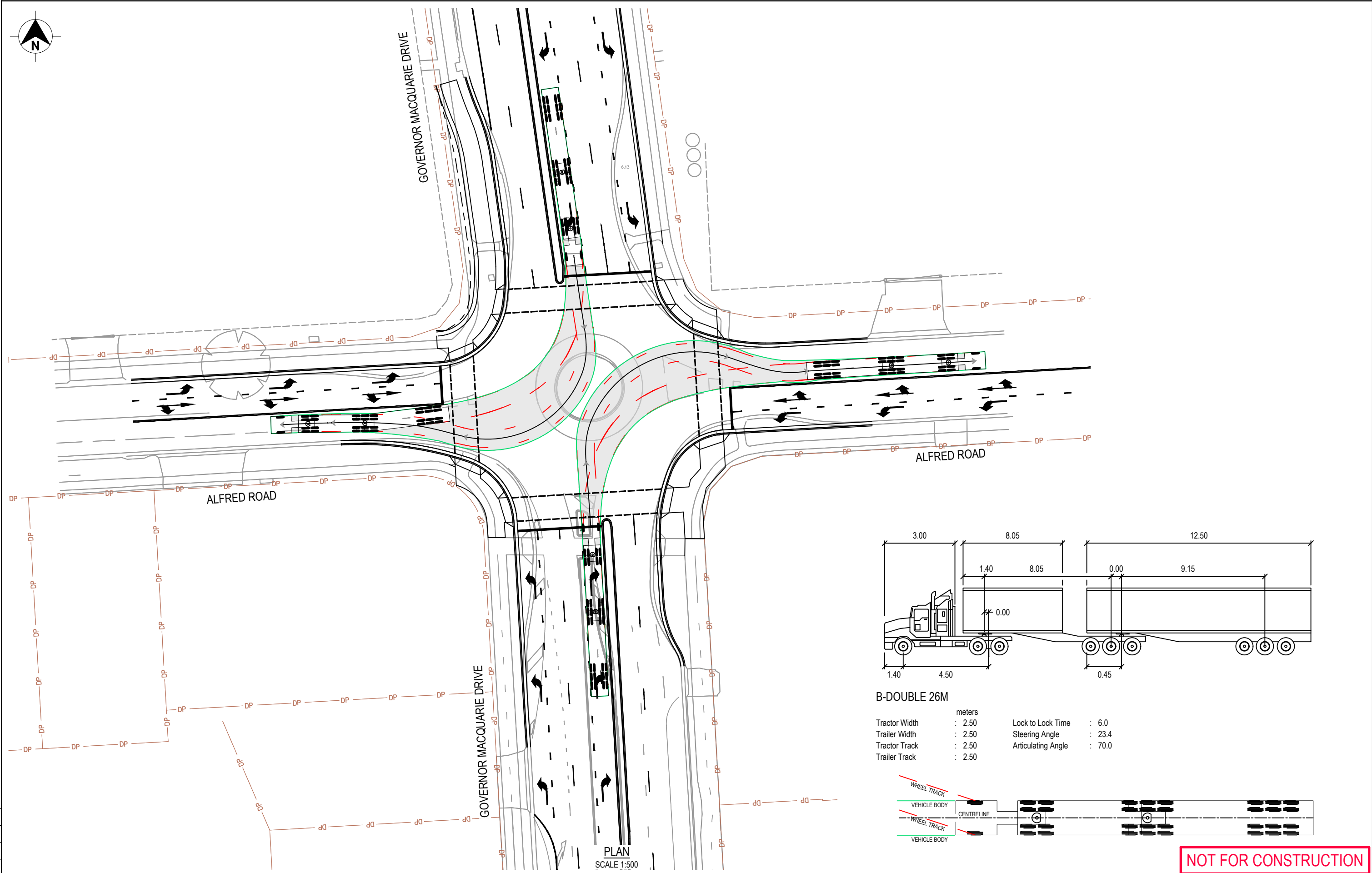
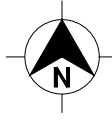
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	Trailer Track	: 2.50		



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EXTERNAL REFERENCE FILES			WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		<b>LIVERPOOL CITY COUNCIL</b> GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON MISCELLANEOUS ALFRED ROAD TURNING PATHS - B-DOUBLE 26M LEFT DESIGN PROJECT No. <b>300312</b>	PART -																					
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES			REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	COMPANY NAME / LOGO																								
			HORIZONTAL SCALE 1:500m		Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>TITLE</th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>J.JACKSON</td> <td>05.12.22</td> </tr> <tr> <td>DRG CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN</td> <td>N.WALL</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>PROJECT MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> </tbody> </table>			TITLE	NAME	DATE	DRAWN	J.JACKSON	05.12.22	DRG CHECK	I.BROWN	05.12.22	DESIGN	N.WALL	05.12.22	DESIGN CHECK	I.BROWN	05.12.22	DESIGN MNGR	I.BROWN	05.12.22	PROJECT MNGR	I.BROWN	05.12.22
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PROJECT MNGR	I.BROWN	05.12.22																												
CO-ORDINATE SYSTEM MGA ZONE 56			HEIGHT DATUM AHD				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ISSUE STATUS</th> <th>EDMS No.</th> <th>SHEET No.</th> <th>ISSUE</th> </tr> </thead> <tbody> <tr> <td>DETAILED DESIGN</td> <td>-</td> <td>MS-0101</td> <td>0</td> </tr> </tbody> </table>	ISSUE STATUS	EDMS No.	SHEET No.	ISSUE	DETAILED DESIGN	-	MS-0101	0															
ISSUE STATUS	EDMS No.	SHEET No.	ISSUE																											
DETAILED DESIGN	-	MS-0101	0																											



**B-DOUBLE 26M**

	Tractor Width	: 2.50	Lock to Lock Time	: 6.0
	Trailer Width	: 2.50	Steering Angle	: 23.4
	Tractor Track	: 2.50	Articulating Angle	: 70.0
	Trailer Track	: 2.50		

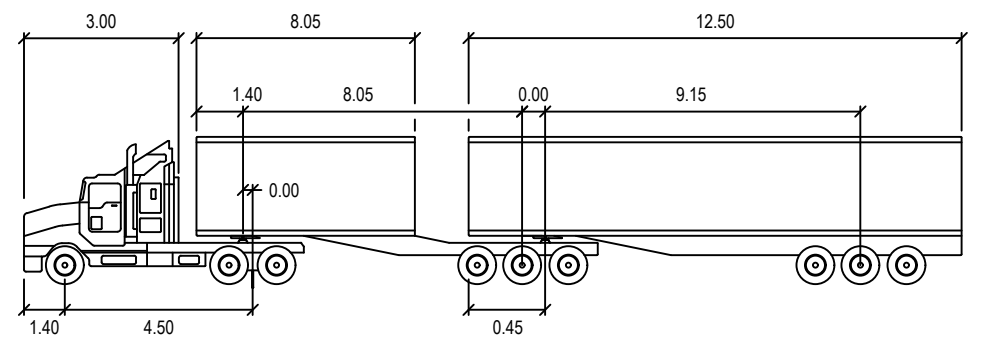
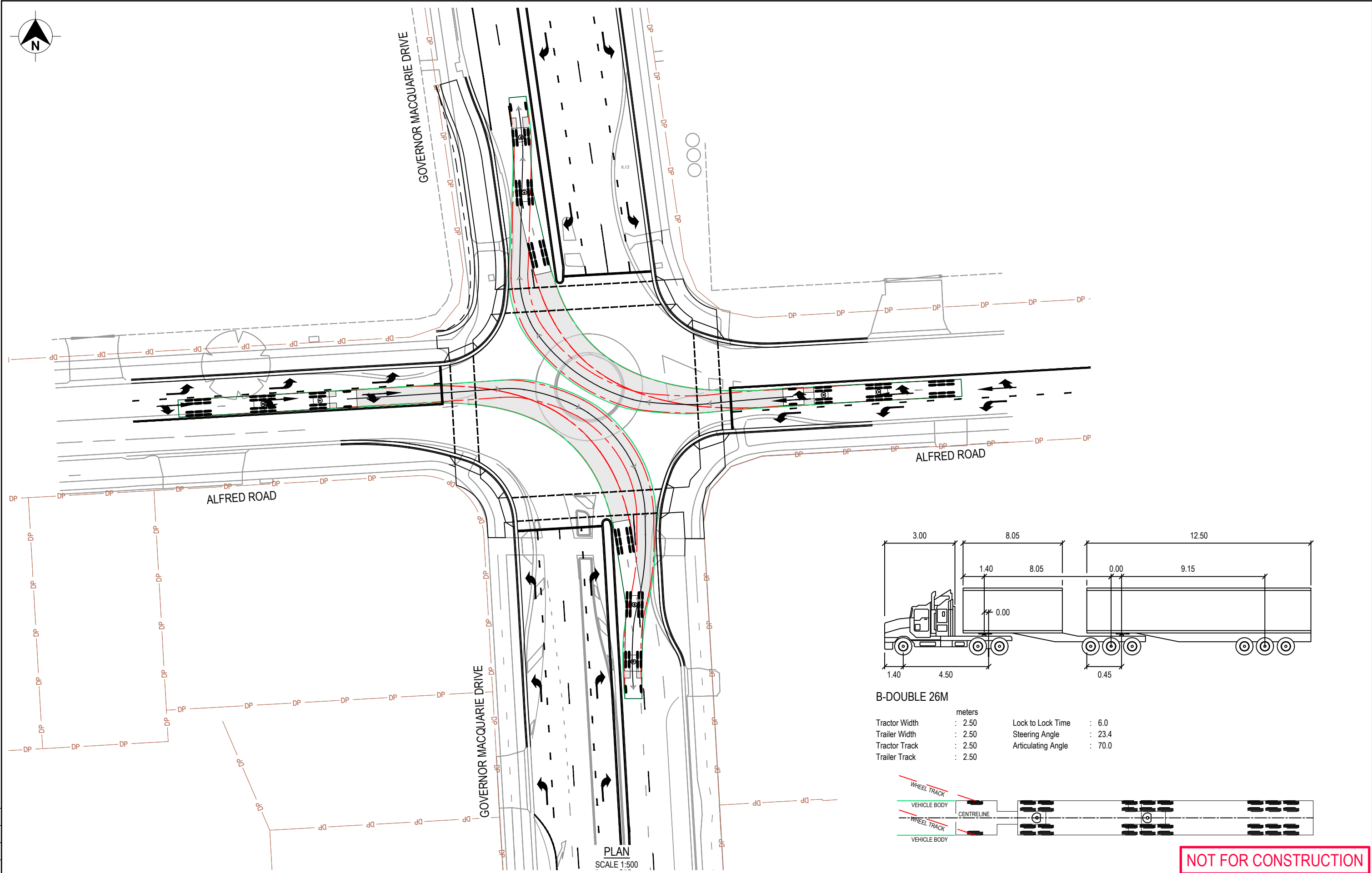
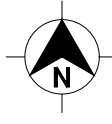


NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED  
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EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY																							
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES		0	05.12.22	DETAILED DESIGN - ISSUED FOR REVIEW			0 5 10 15 20 HORIZONTAL SCALE 1:500m	COMPANY NAME / LOGO																							
							CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	 <p>Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adjohnson.com.au www.adjohnson.com.au ABN 62 129 445 398</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>TITLE</th> <th>NAME</th> <th>DATE</th> </tr> <tr> <td>DRAWN</td> <td>J.JACKSON</td> <td>05.12.22</td> </tr> <tr> <td>DRG CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN</td> <td>N.WALL</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>PROJECT MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> </table>	TITLE	NAME	DATE	DRAWN	J.JACKSON	05.12.22	DRG CHECK	I.BROWN	05.12.22	DESIGN	N.WALL	05.12.22	DESIGN CHECK	I.BROWN	05.12.22	DESIGN MNGR	I.BROWN	05.12.22	PROJECT MNGR	I.BROWN	05.12.22
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									<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGN PROJECT No.</td> <td style="font-size: 1.2em;">300312</td> <td>PART</td> <td>-</td> </tr> <tr> <td>ISSUE STATUS</td> <td>DETAILED DESIGN</td> <td>EDMS No.</td> <td>-</td> </tr> <tr> <td></td> <td></td> <td>SHEET No.</td> <td>MS-0102</td> </tr> <tr> <td></td> <td></td> <td>ISSUE</td> <td>0</td> </tr> </table>	DESIGN PROJECT No.	300312	PART	-	ISSUE STATUS	DETAILED DESIGN	EDMS No.	-			SHEET No.	MS-0102			ISSUE	0						
DESIGN PROJECT No.	300312	PART	-																												
ISSUE STATUS	DETAILED DESIGN	EDMS No.	-																												
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		ISSUE	0																												





**B-DOUBLE 26M**

	Tractor Width	: 2.50	Lock to Lock Time	: 6.0
	Trailer Width	: 2.50	Steering Angle	: 23.4
	Tractor Track	: 2.50	Articulating Angle	: 70.0
	Trailer Track	: 2.50		

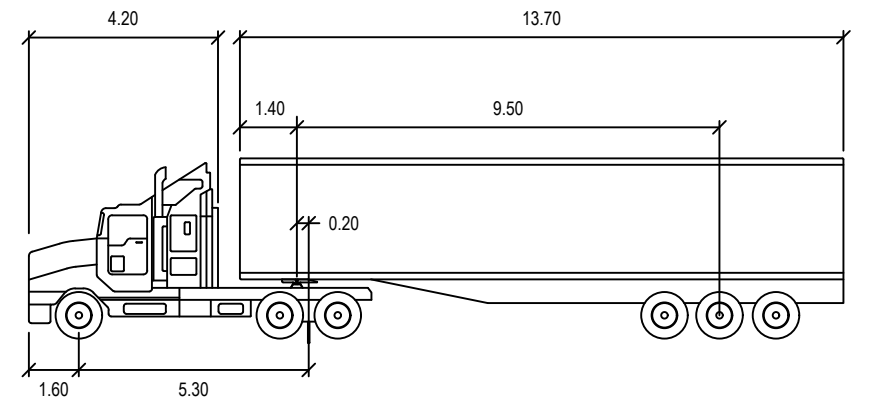
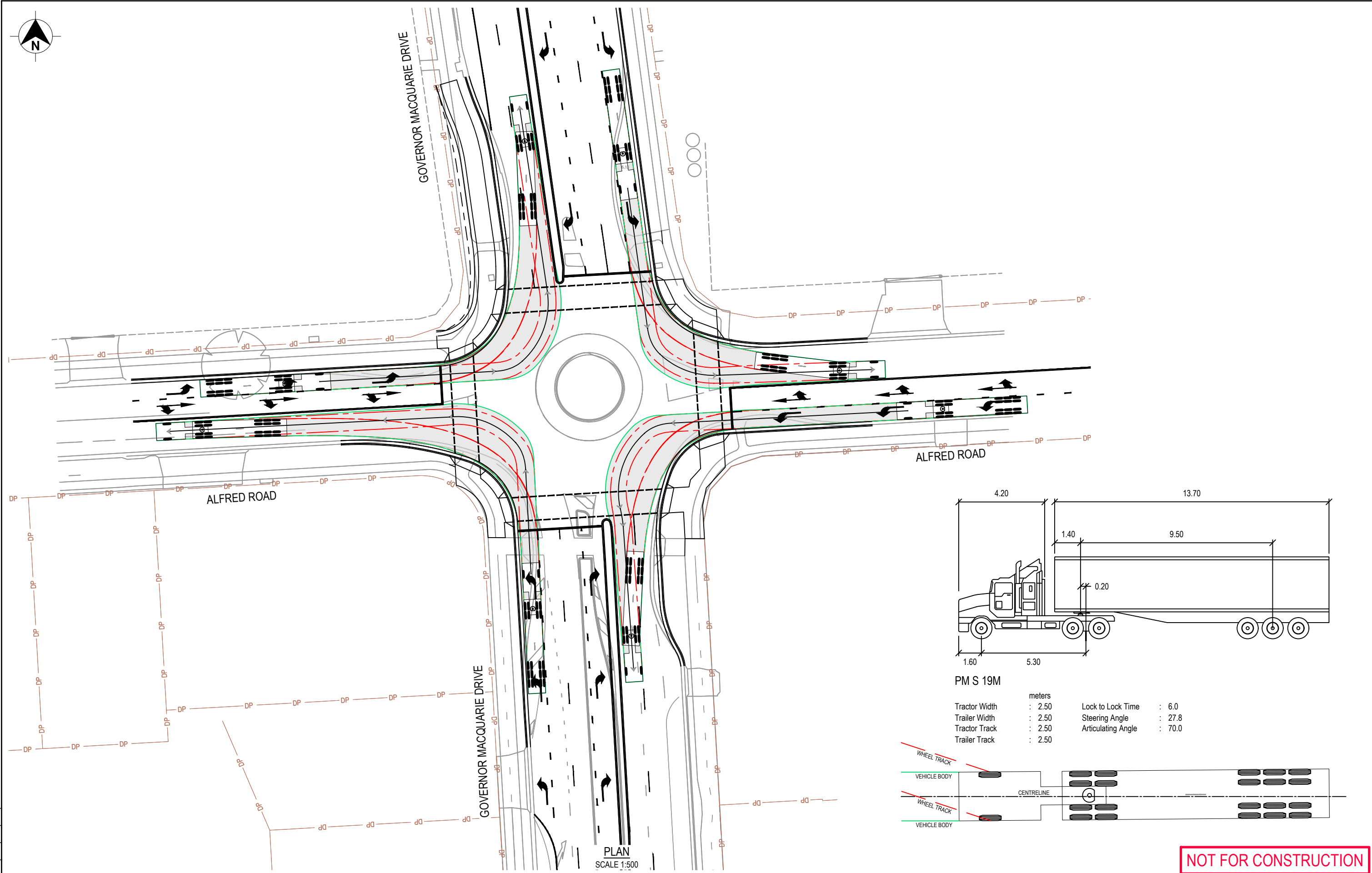
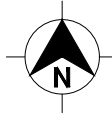


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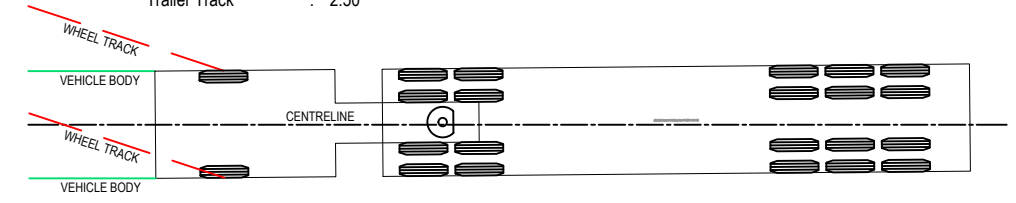
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EXTERNAL REFERENCE FILES			WVR No.	APPROVAL	TITLE	NAME	DATE	
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CO-ORDINATE SYSTEM MGA ZONE 56			HORIZONTAL SCALE 1:500m 		DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO 			DRG CHECK I.BROWN 05.12.22 DESIGN N.WALL 05.12.22 DESIGN CHECK I.BROWN 05.12.22 DESIGN MNGR I.BROWN 05.12.22 PROJECT MNGR I.BROWN 05.12.22
DESIGN PROJECT No. <b>300312</b>			ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. MS-0103	ISSUE 0	© Roads and Maritime Services	





**PM S 19M**

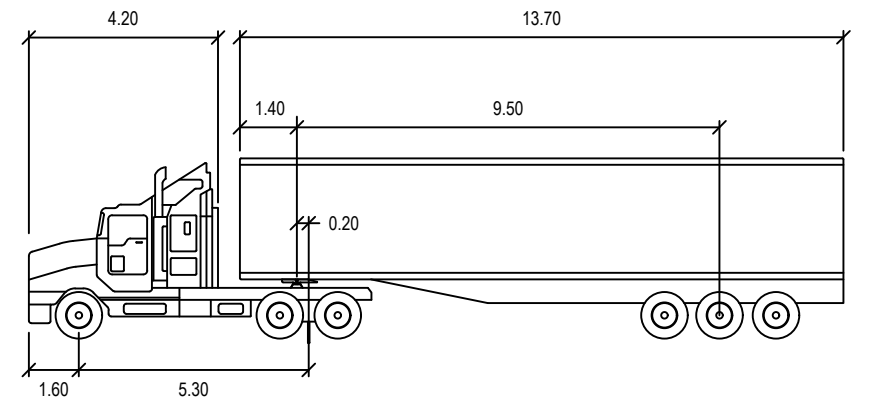
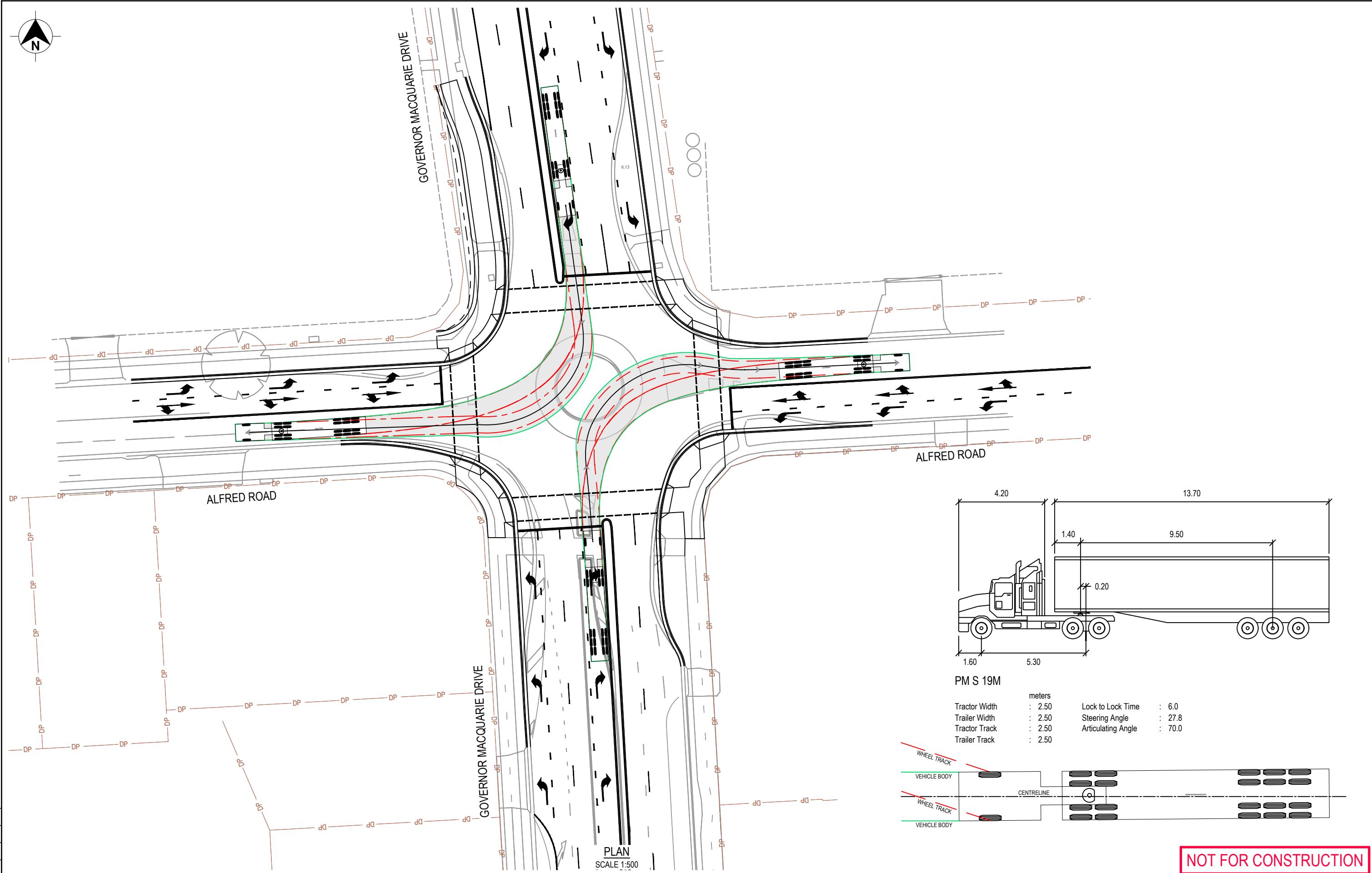
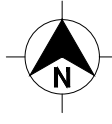
meters	
Tractor Width	: 2.50
Trailer Width	: 2.50
Tractor Track	: 2.50
Trailer Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 27.8
Articulating Angle	: 70.0



**NOT FOR CONSTRUCTION**

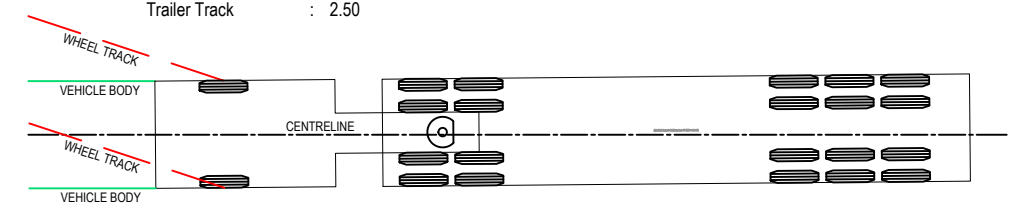
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TITLE	NAME	DATE																																				
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REV	DATE	AMENDMENT / REVISION DESCRIPTION																																				
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**PM S 19M**

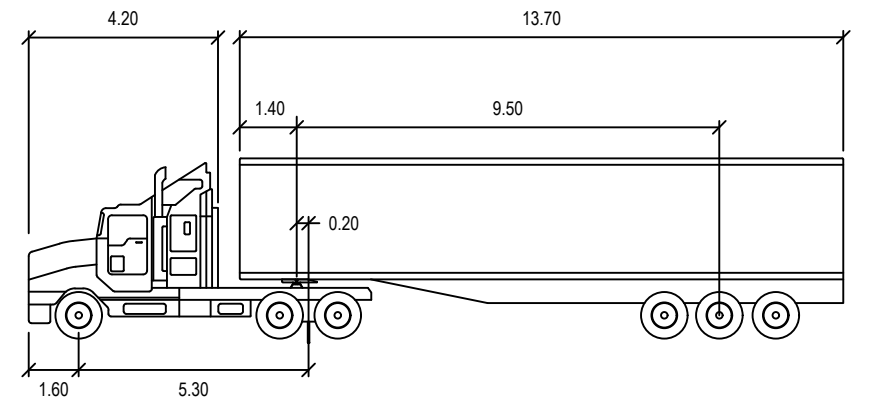
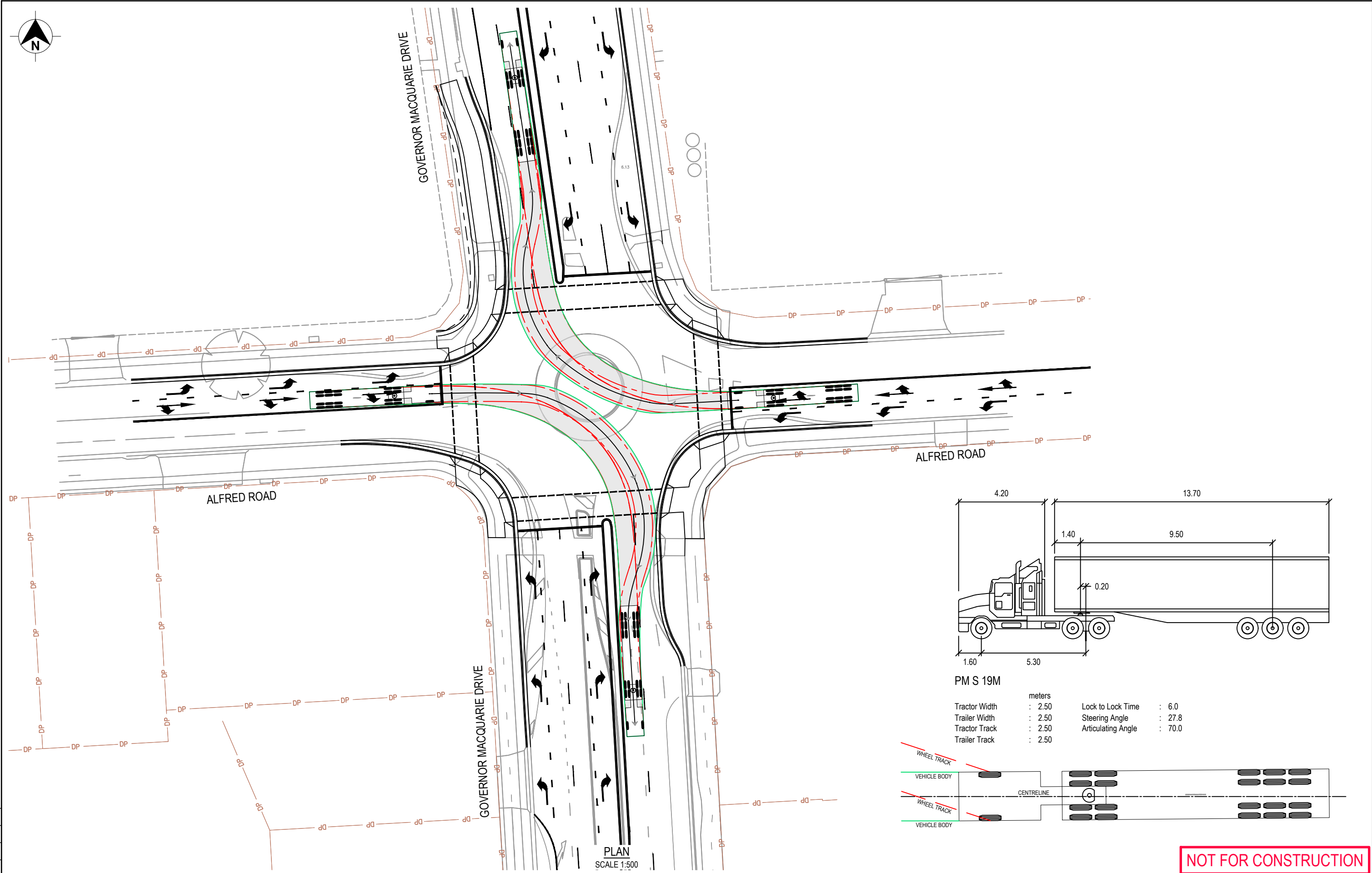
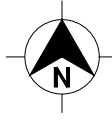
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	Trailer Width	: 2.50	Steering Angle	: 27.8
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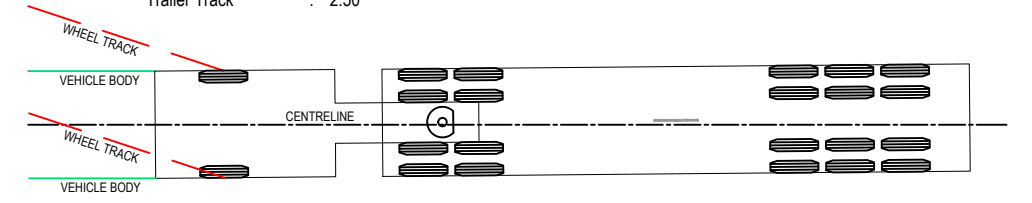
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EXTERNAL REFERENCE FILES		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE										
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CO-ORDINATE SYSTEM	HEIGHT DATUM																	
MGA ZONE 56	AHD																	
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ISSUE STATUS	EDMS No.	SHEET No.																
DETAILED DESIGN	-	MS-0105																
DESIGN PROJECT No. <b>300312</b>								ISSUE	0									
© Roads and Maritime Services																		



**PM S 19M**

meters		
Tractor Width	: 2.50	Lock to Lock Time : 6.0
Trailer Width	: 2.50	Steering Angle : 27.8
Tractor Track	: 2.50	Articulating Angle : 70.0
Trailer Track	: 2.50	

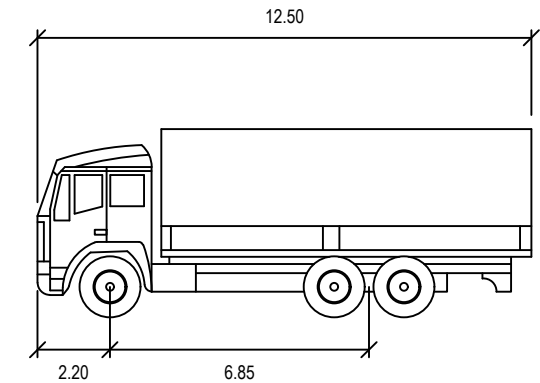
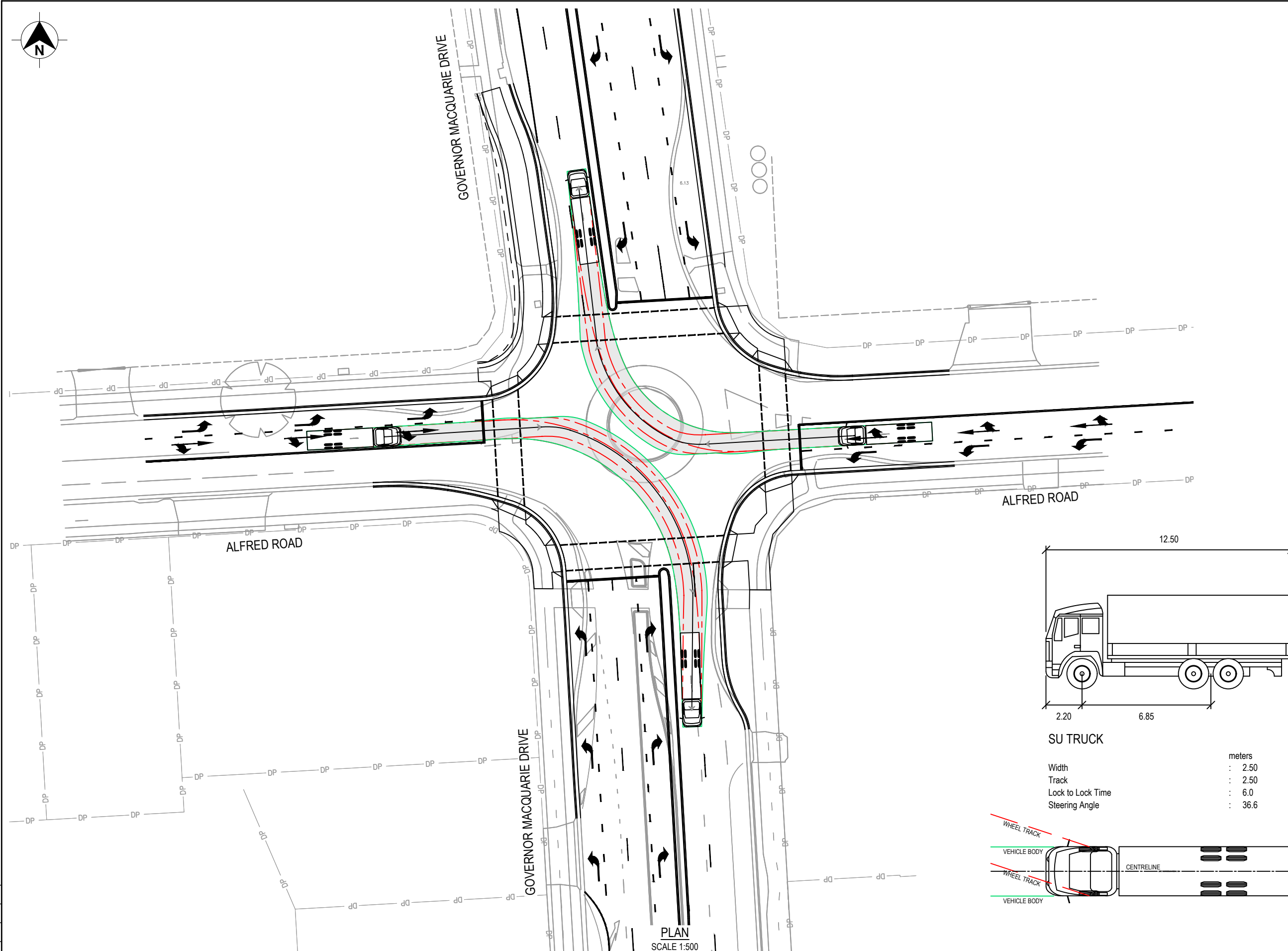
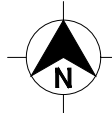


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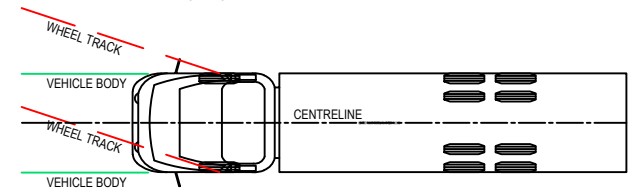
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EXTERNAL REFERENCE FILES		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		COMPANY NAME / LOGO		
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x_SURVEY					DESIGN CHECK		I.BROWN	05.12.22		
x_DRAINAGE					DESIGN MNGR		I.BROWN	05.12.22		
x_UTILITIES					PROJECT MNGR		I.BROWN	05.12.22	<div style="display: flex; align-items: center;"> <div style="font-size: 8px;"> <b>THE GREAT SOUTH WEST</b> </div> </div>	
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD				DESIGN PROJECT No.		<b>300312</b>	PART	
ISSUE STATUS DETAILED DESIGN		EDMS No. -		SHEET No. MS-0106		ISSUE		<b>0</b>	© Roads and Maritime Services	





**SU TRUCK**

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



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THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED  
50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME s:\300312\DWG\Engineering\ENG\detailed design\300312-DD-MS-0107.dwg		DESIGN LOT CODE ...	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING S:\300312\DESIGN\12D\GOVERNOR MACQUARIE DRIVE\DESIGN	PLOT DATE / TIME 12/5/2022 10:29 AM	PLOT BY jacobj	CLIENT LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON MISCELLANEOUS ALFRED ROAD TURNING PATHS - 12.5m SU TRUCK RIGHT - SHEET 1
EXTERNAL REFERENCE FILES	REV 0	DATE 05.12.22	AMENDMENT / REVISION DESCRIPTION DETAILED DESIGN - ISSUED FOR REVIEW	WVR No.	APPROVAL	DESIGN PROJECT No. <b>300312</b>
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x_LABELS						EDMS No. -
x_DESIGN						SHEET No. MS-0107
x_SURVEY						ISSUE 0
x_DRAINAGE						
x_UTILITIES						

DRAWINGS / DESIGN PREPARED BY COMPANY NAME / LOGO		TITLE	
 Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah, N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		NAME	DATE
		DRAWN	J.JACKSON 05.12.22
		DRG CHECK	I.BROWN 05.12.22
		DESIGN	N.WALL 05.12.22
		DESIGN CHECK	I.BROWN 05.12.22
DESIGN MNGR	I.BROWN 05.12.22		
PROJECT MNGR	I.BROWN 05.12.22		

SCALES ON A3 SIZE DRAWING	
 HORIZONTAL SCALE 1:500m	
CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD

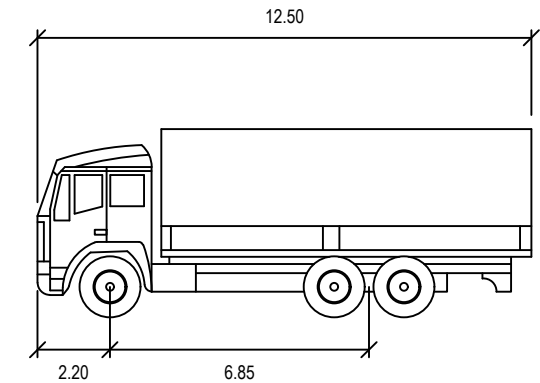
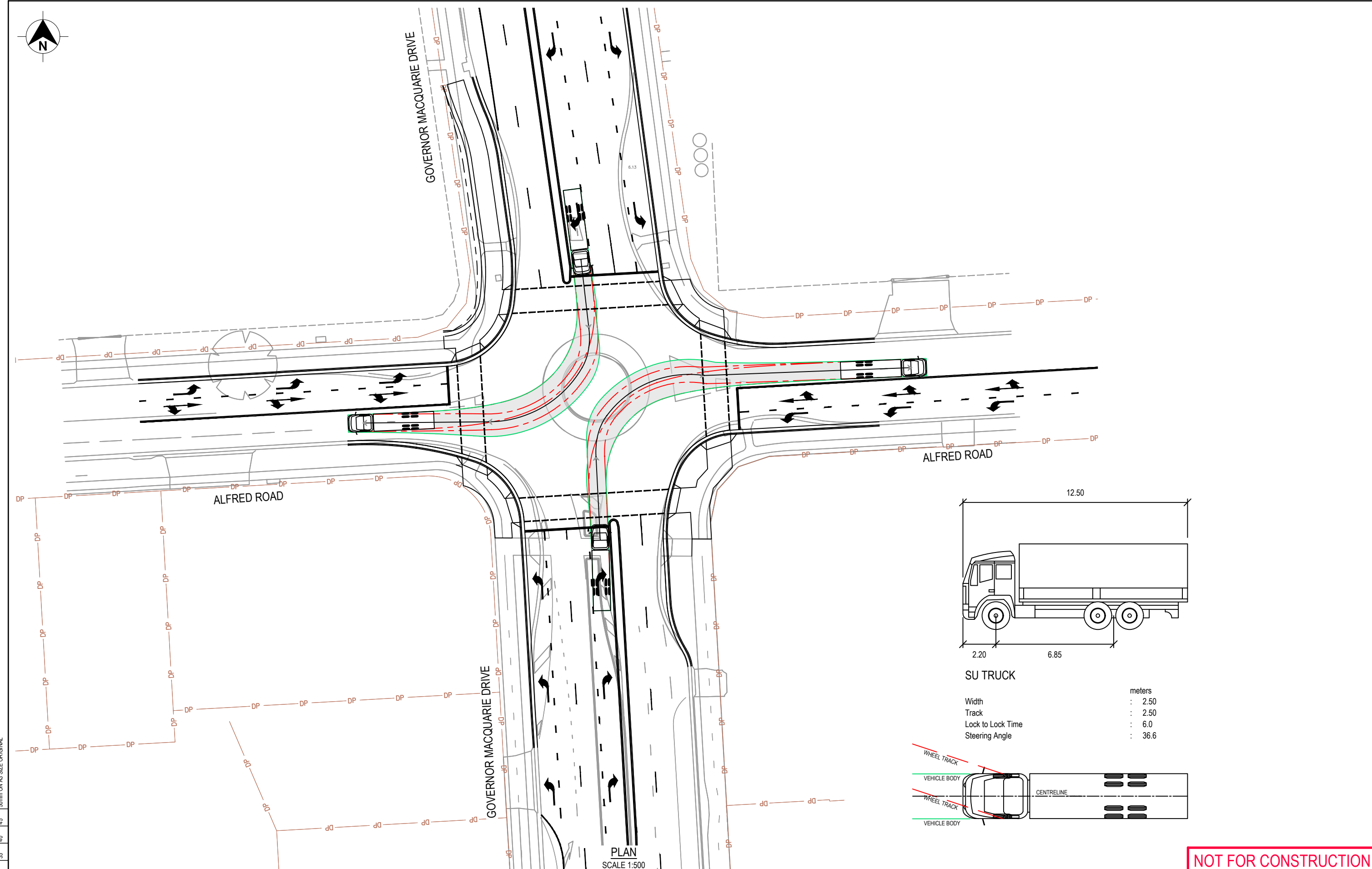
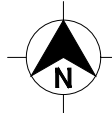
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ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. MS-0107	ISSUE 0
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PART -	
© Roads and Maritime Services	

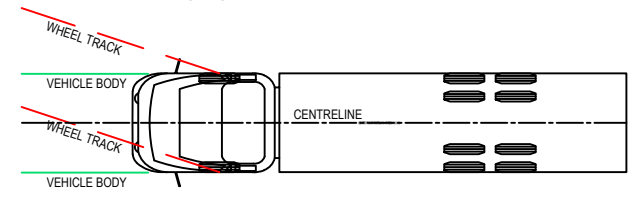
A3





**SU TRUCK**

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



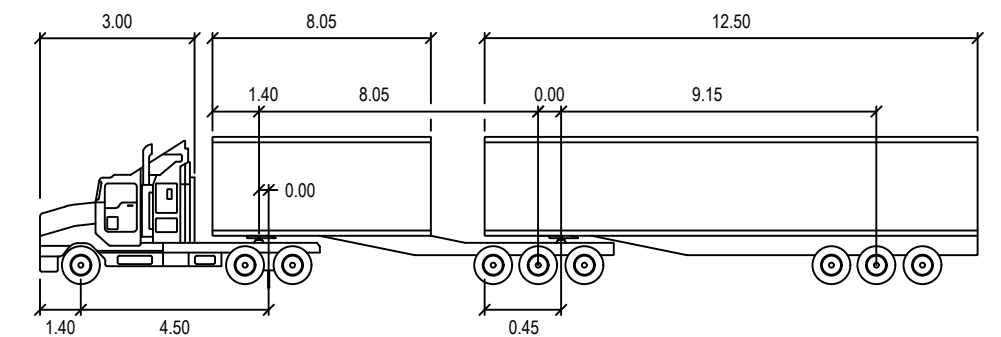
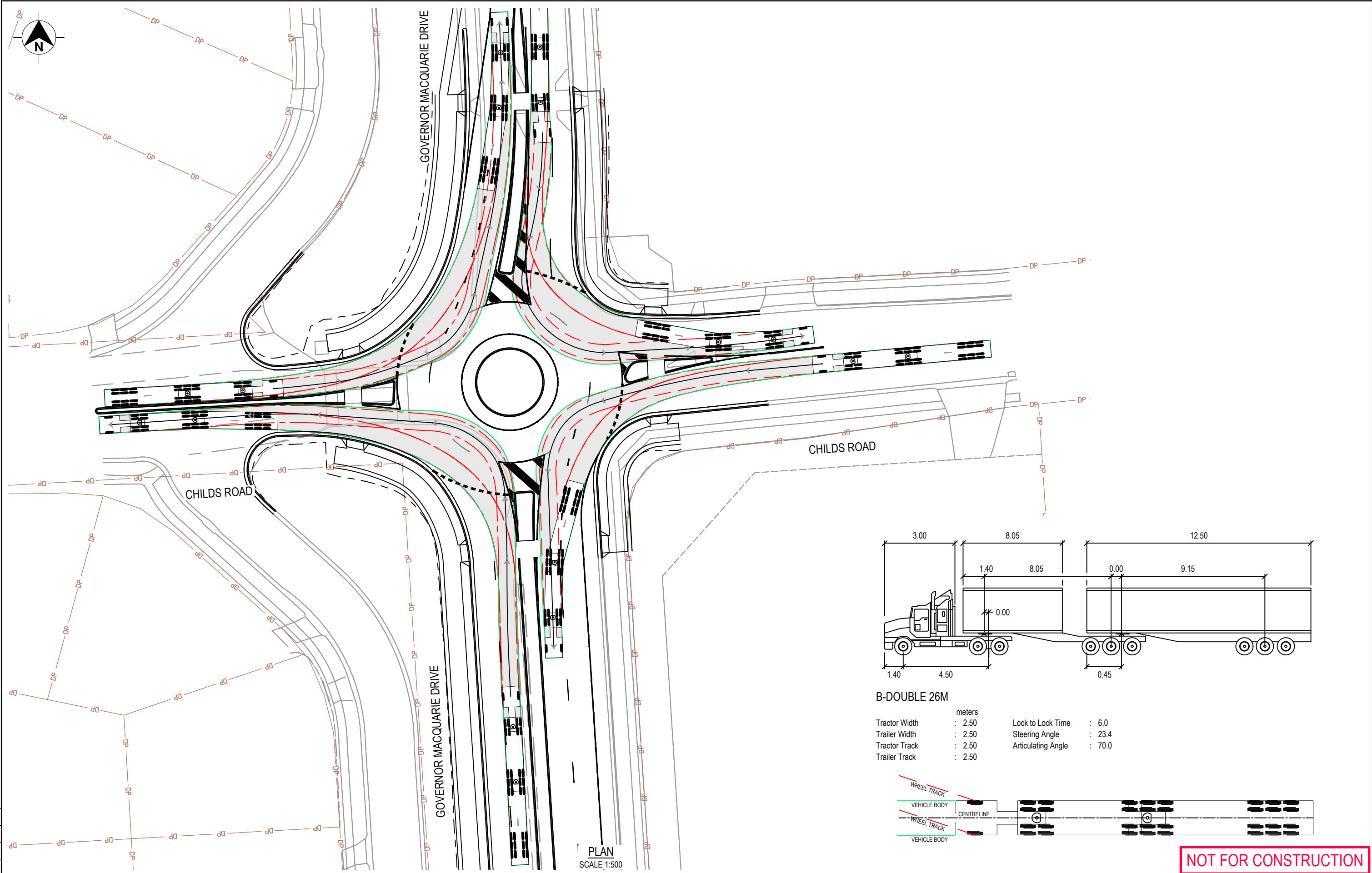
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EXTERNAL REFERENCE FILES			WVR No.		APPROVAL		SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>TITLE</th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>J.JACKSON</td> <td>05.12.22</td> </tr> <tr> <td>DRG CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN</td> <td>N.WALL</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN CHECK</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>DESIGN MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> <tr> <td>PROJECT MNGR</td> <td>I.BROWN</td> <td>05.12.22</td> </tr> </tbody> </table>		TITLE	NAME	DATE	DRAWN	J.JACKSON	05.12.22	DRG CHECK	I.BROWN	05.12.22	DESIGN	N.WALL	05.12.22	DESIGN CHECK	I.BROWN	05.12.22	DESIGN MNGR	I.BROWN	05.12.22	PROJECT MNGR	I.BROWN	05.12.22	
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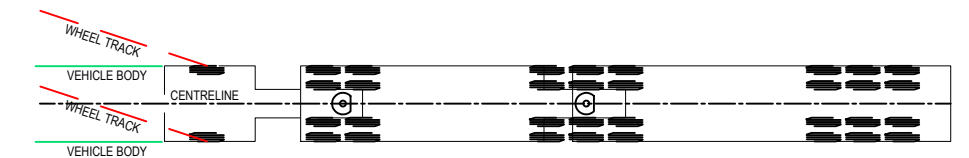


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**B-DOUBLE 26M**

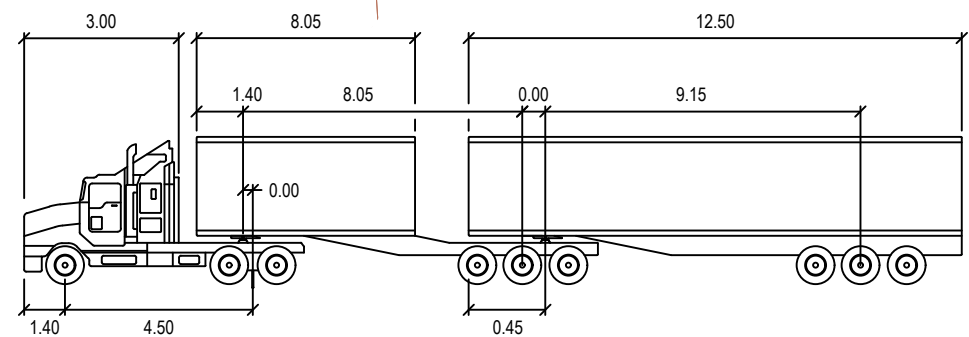
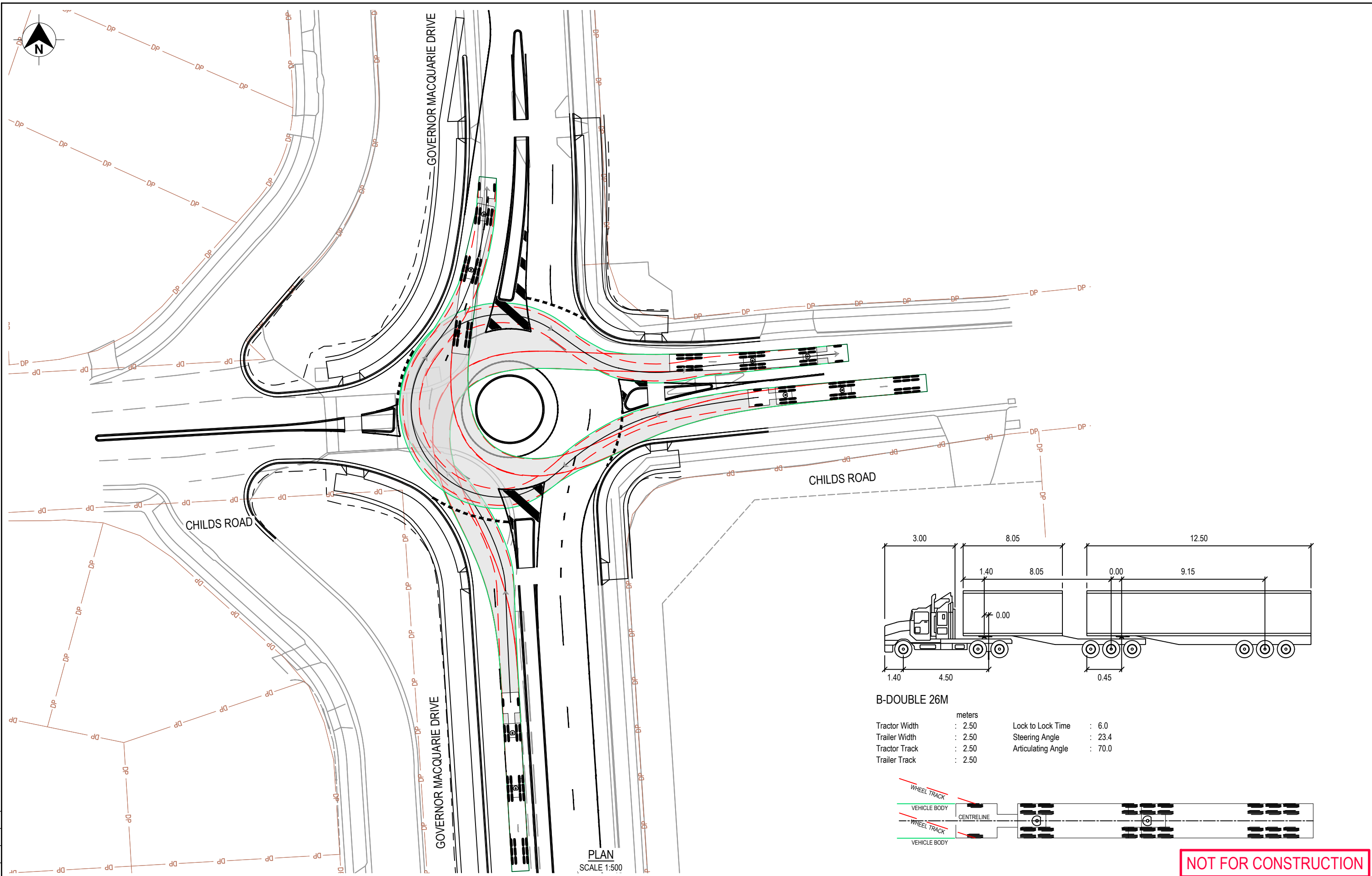
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	Trailer Track	: 2.50		



NOT FOR CONSTRUCTION

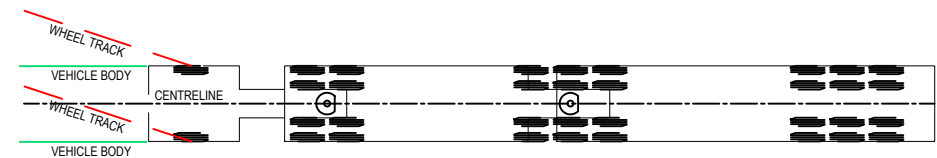
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EXTERNAL REFERENCE FILES		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE		
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HORIZONTAL SCALE 1:500m		CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		DESIGN PROJECT No. <b>300312</b>		ISSUE STATUS DETAILED DESIGN	EDMS No. -	
SHEET No. <b>MS-0109</b>		ISSUE No. <b>0</b>		PART		SHEET No. <b>MS-0109</b>		ISSUE	0	

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50mm ON A3 SIZE ORIGINAL



**B-DOUBLE 26M**

	Tractor Width	Trailer Width	Tractor Track	Trailer Track	Lock to Lock Time	Steering Angle	Articulating Angle
units	2.50	2.50	2.50	2.50	6.0	23.4	70.0



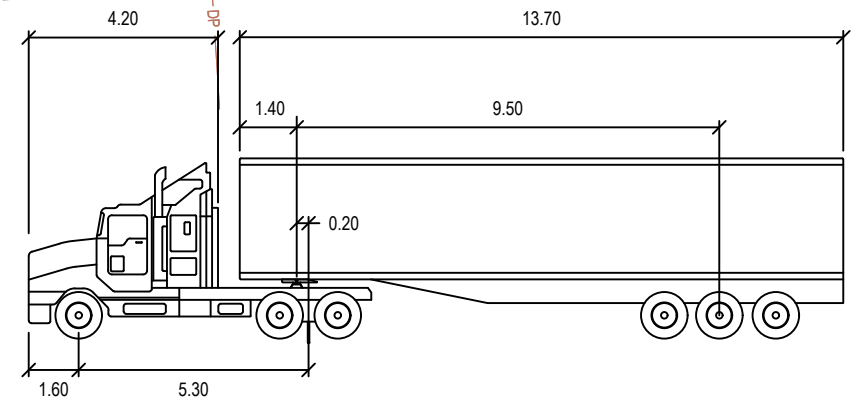
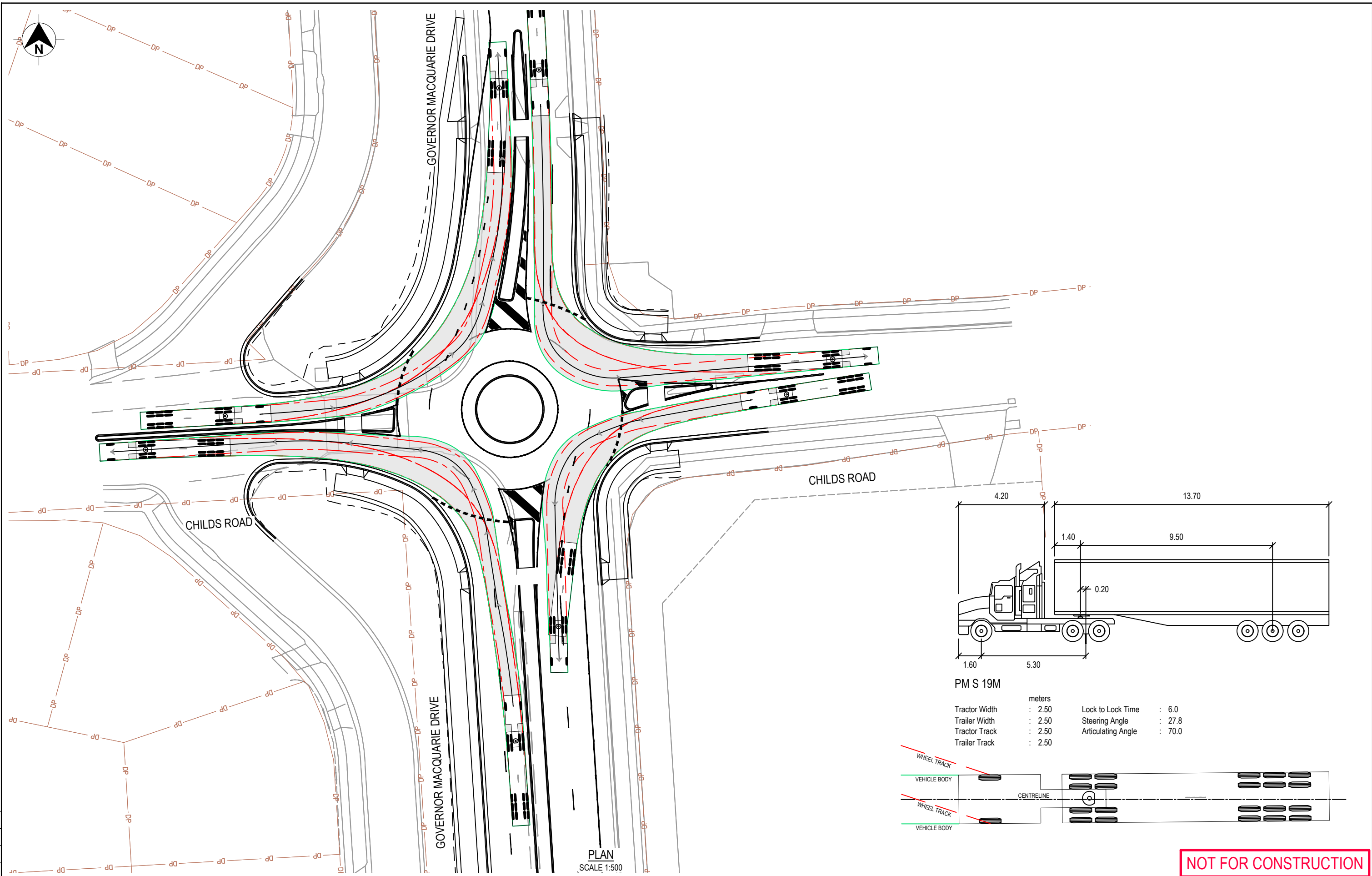
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FILE	REV	DATE	AMENDMENT / REVISION DESCRIPTION																																																				
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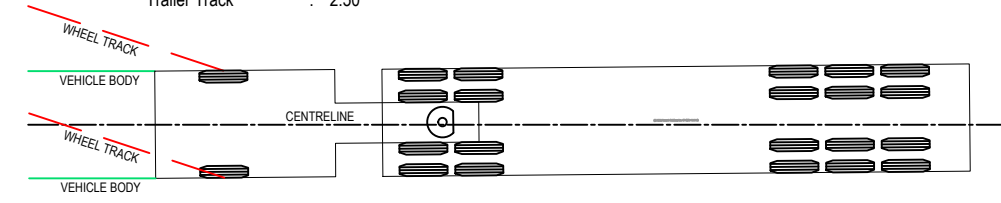


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**PM S 19M**

meters	
Tractor Width	: 2.50
Trailer Width	: 2.50
Tractor Track	: 2.50
Trailer Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 27.8
Articulating Angle	: 70.0

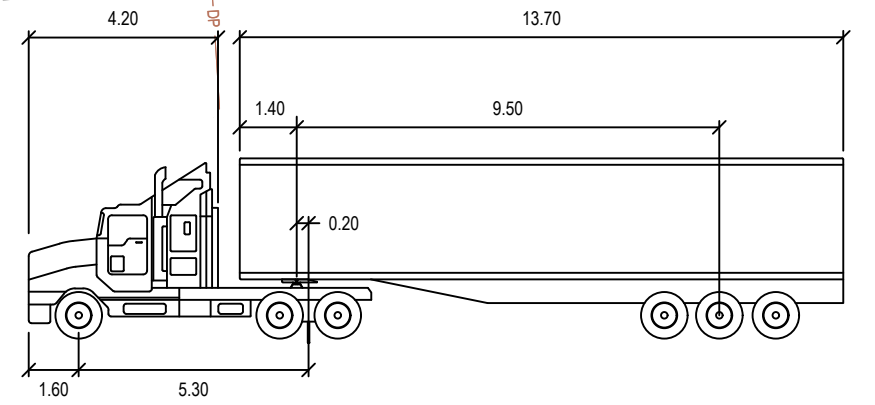
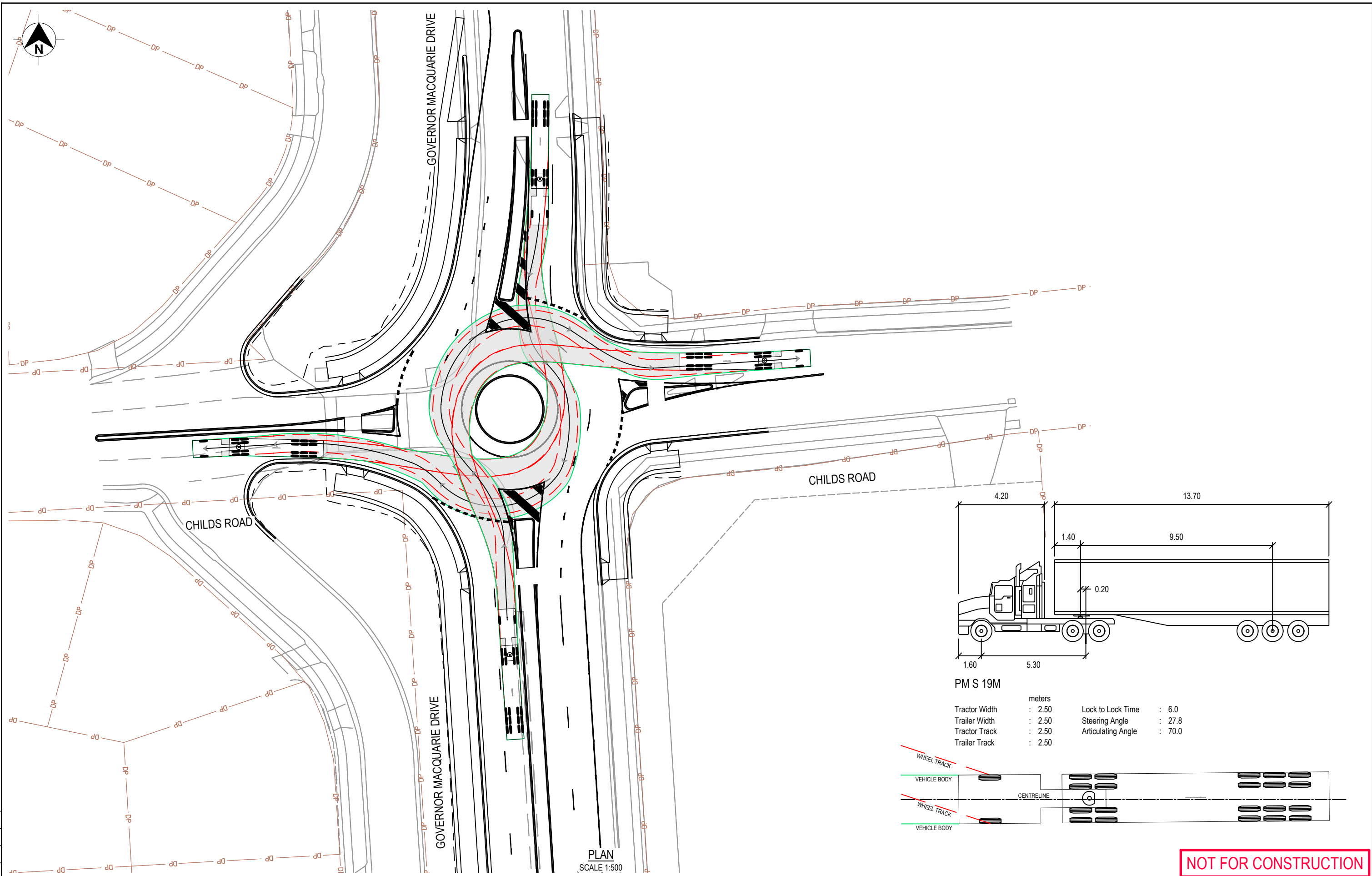


NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES			WVR No.		APPROVAL		SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE		DATE		DESIGN PROJECT No. <b>300312</b>
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x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES							CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		DESIGN CHECK I.BROWN 05.12.22		DESIGN MNGR I.BROWN 05.12.22		EDMS No. -
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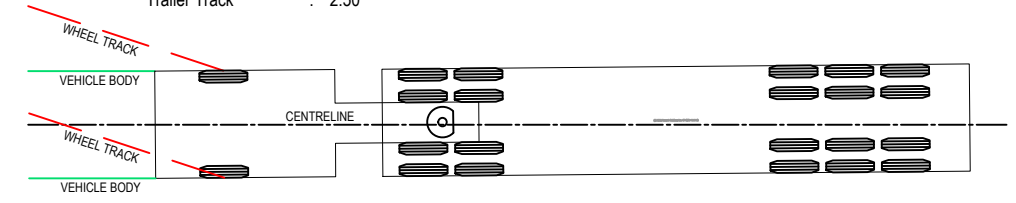


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**PM S 19M**

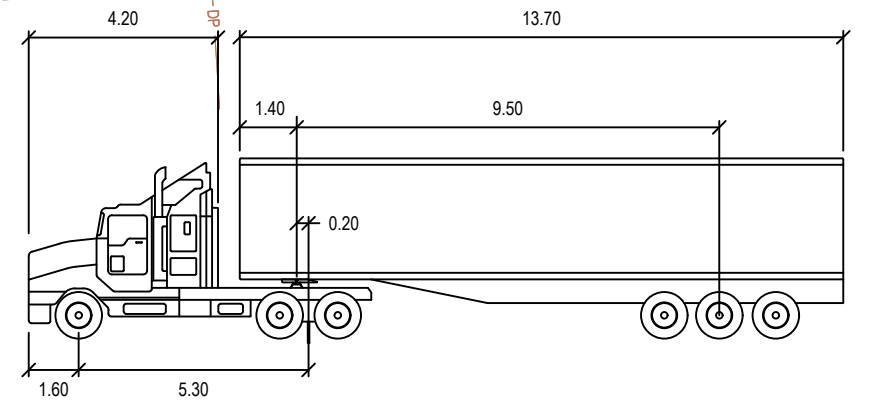
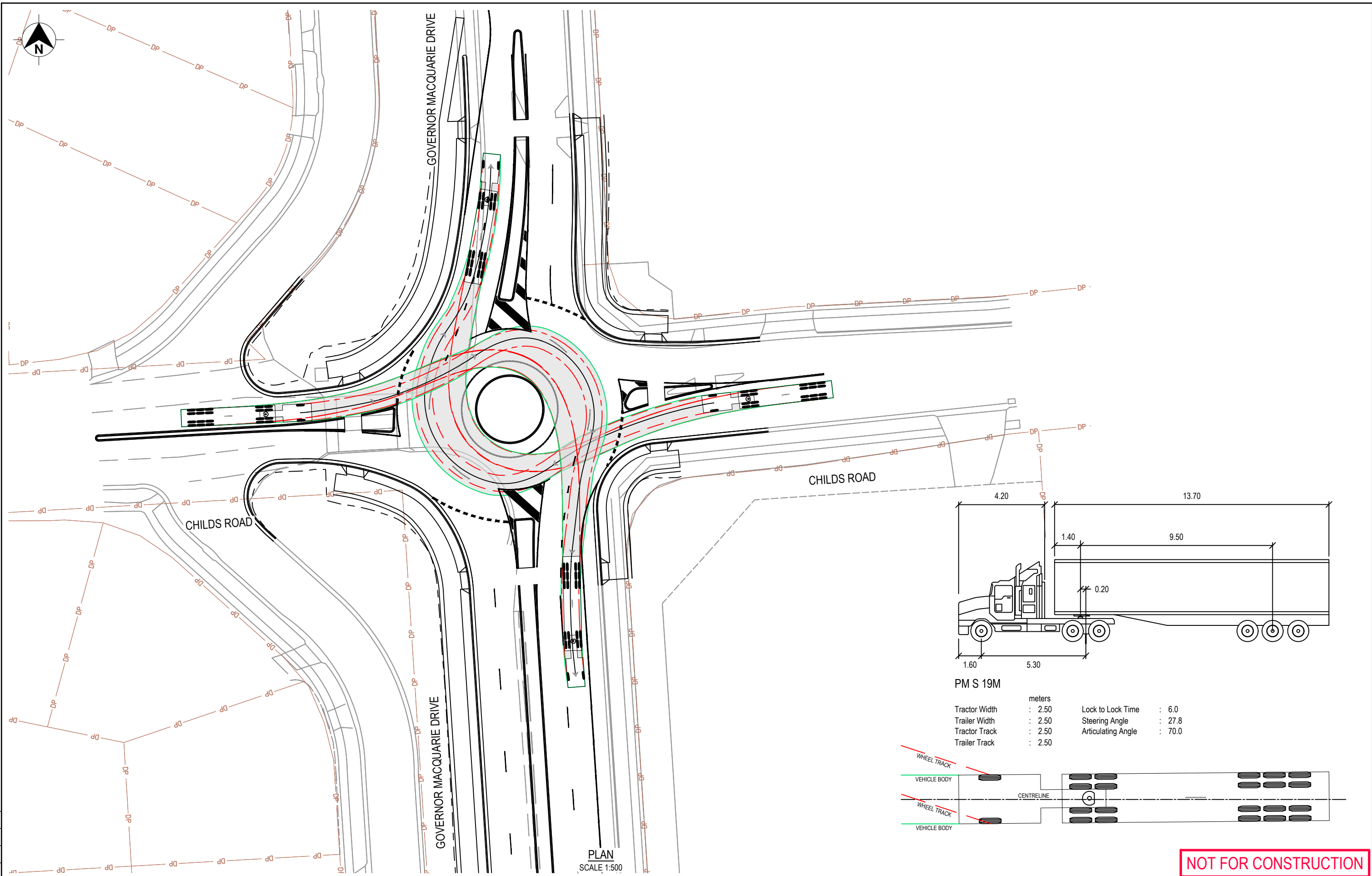
meters		
Tractor Width	: 2.50	Lock to Lock Time : 6.0
Trailer Width	: 2.50	Steering Angle : 27.8
Tractor Track	: 2.50	Articulating Angle : 70.0
Trailer Track	: 2.50	



**NOT FOR CONSTRUCTION**

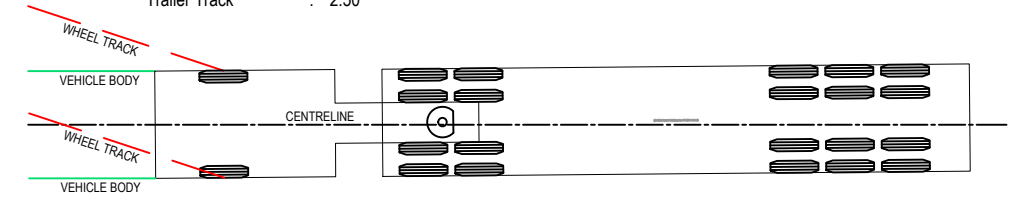
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REV	DATE	AMENDMENT / REVISION DESCRIPTION											
0	05.12.22	DETAILED DESIGN - ISSUED FOR REVIEW											

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED



**PM S 19M**

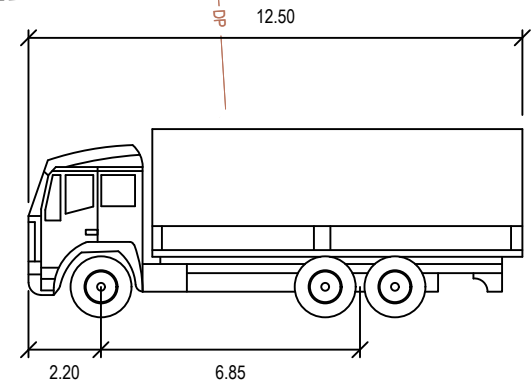
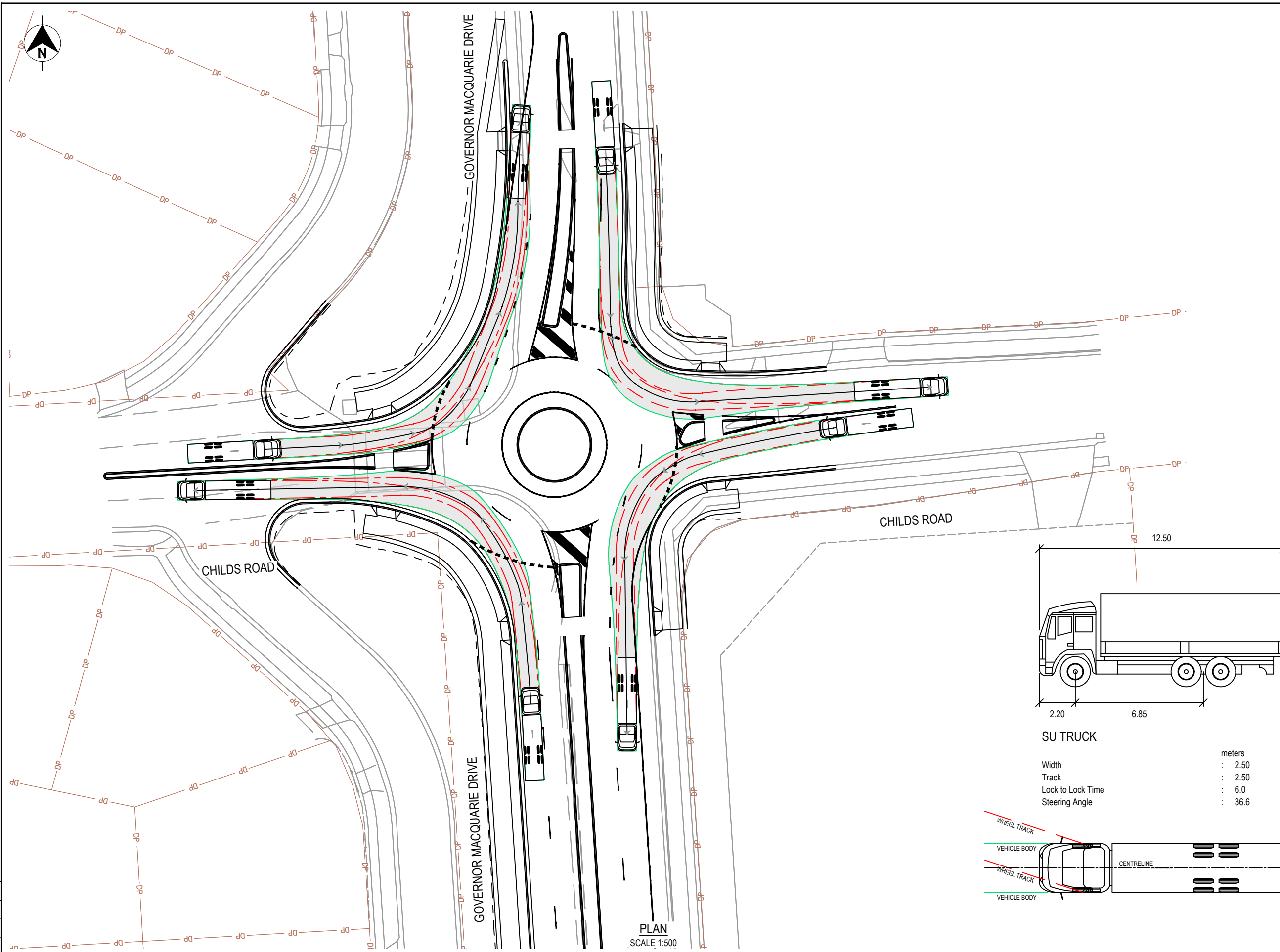
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**NOT FOR CONSTRUCTION**

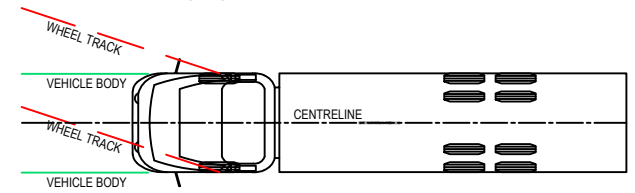
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-	MS-0113	0																																
CO-ORDINATE SYSTEM MGA ZONE 56			HEIGHT DATUM AHD																															

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED



**SU TRUCK**

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



**NOT FOR CONSTRUCTION**

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	 HORIZONTAL SCALE 1:500m
	CO-ORDINATE SYSTEM MGA ZONE 56
	HEIGHT DATUM AHD

DRAWINGS / DESIGN PREPARED BY

COMPANY NAME / LOGO

Central Coast  
5 Pioneer Avenue,  
P.O. Box 3117,  
Tuggerah, N.S.W. 2259  
Phone: (02) 4305 4300  
Fax: (02) 4305 4399  
email: coast@adwjohnson.com.au  
www.adwjohnson.com.au  
ABN 62 129 445 398

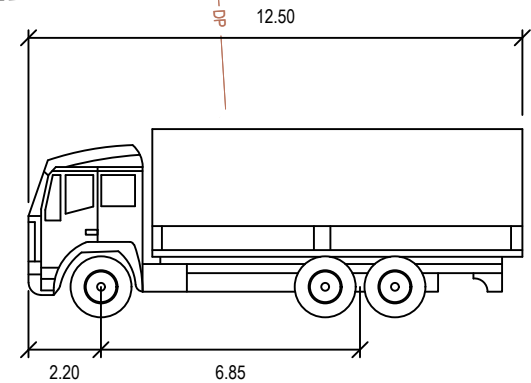
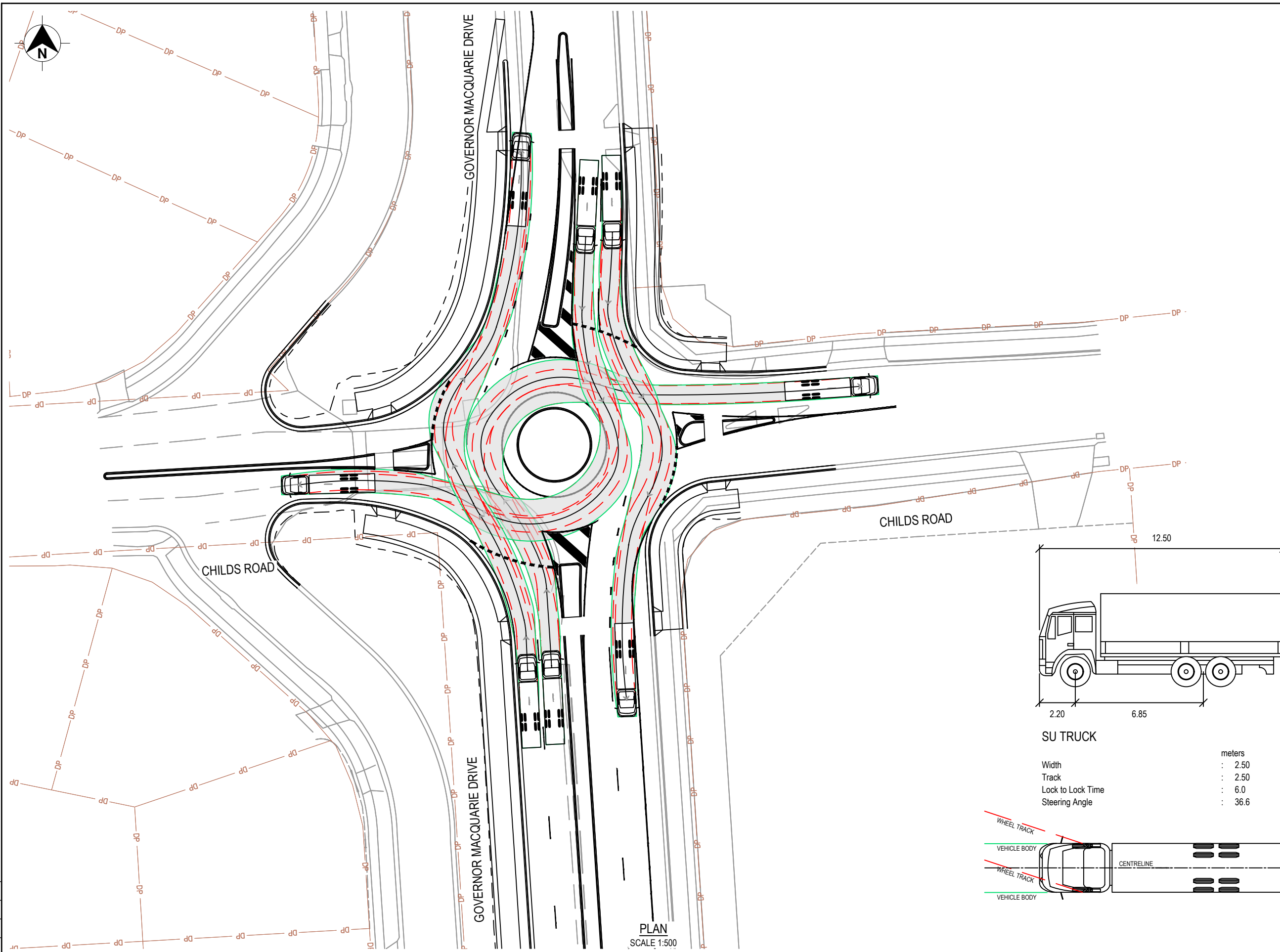
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DESIGN	N.WALL	05.12.22
DESIGN CHECK	I.BROWN	05.12.22
DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22

CLIENT

LIVERPOOL CITY COUNCIL GOVERNOR MACQUARIE DRIVE ROAD UPGRADE WORKS ALFRED ROAD TO CHILDS ROAD, CHIPPING NORTON MISCELLANEOUS CHILDS ROAD TURNING PATHS - 12.5m SU TRUCK LEFT		A3
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ISSUE STATUS DETAILED DESIGN	EDMS No. -	SHEET No. MS-0114
		ISSUE 0

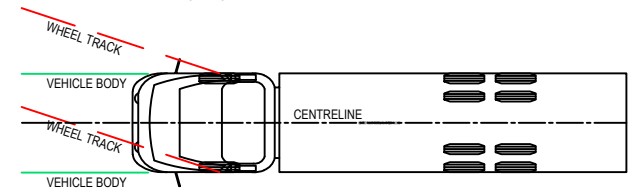


THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED



**SU TRUCK**

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



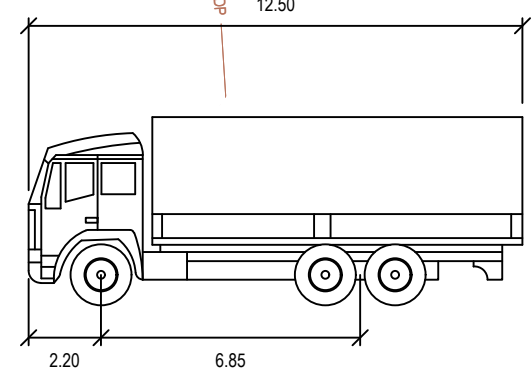
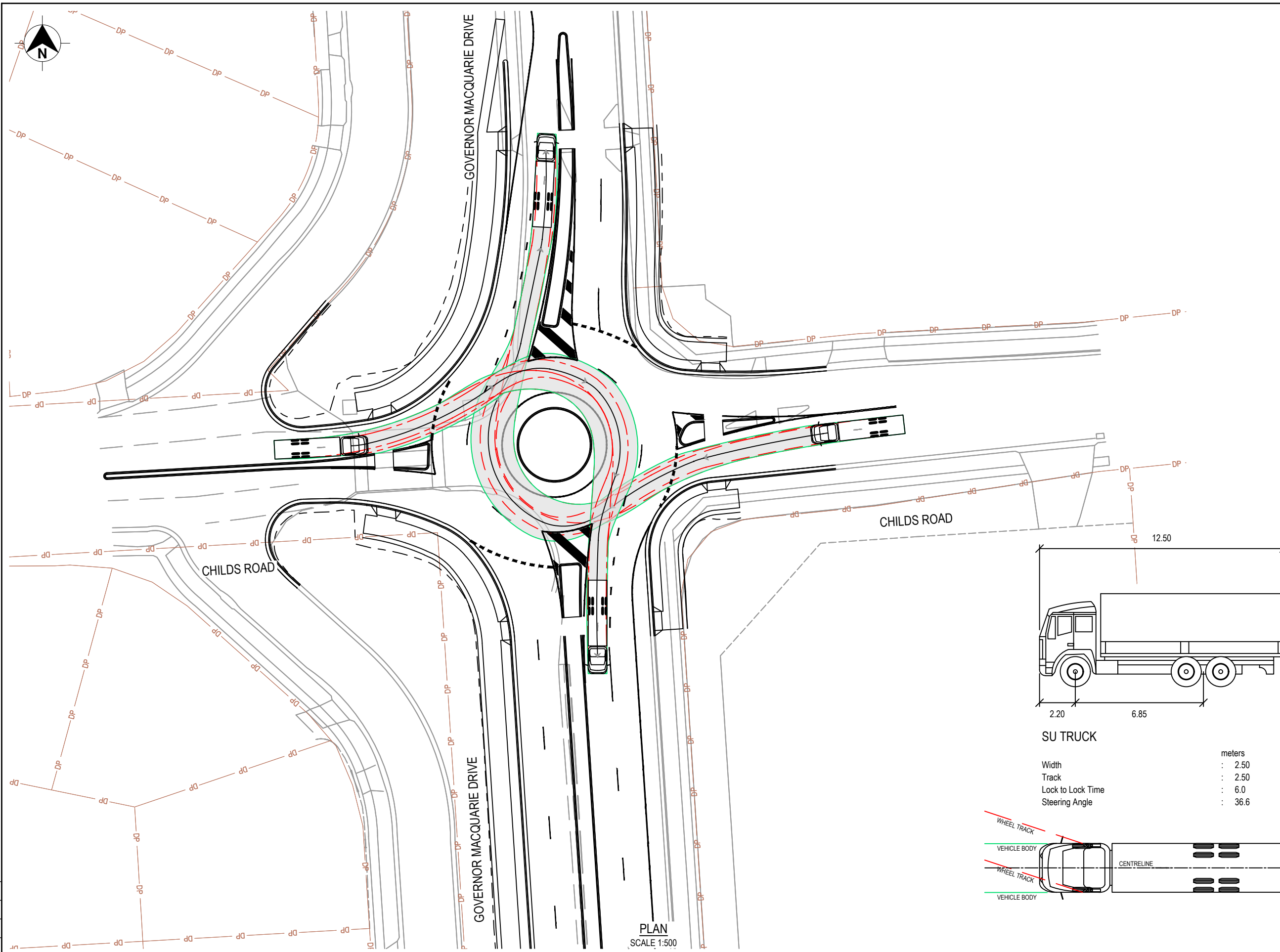
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**NOT FOR CONSTRUCTION**

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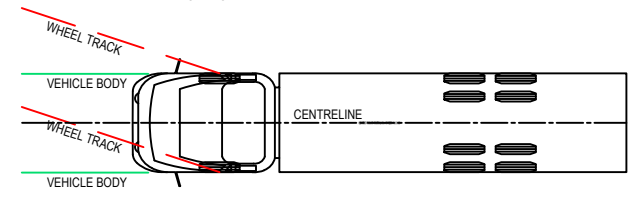


THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED  
50mm ON A3 SIZE ORIGINAL



**SU TRUCK**

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

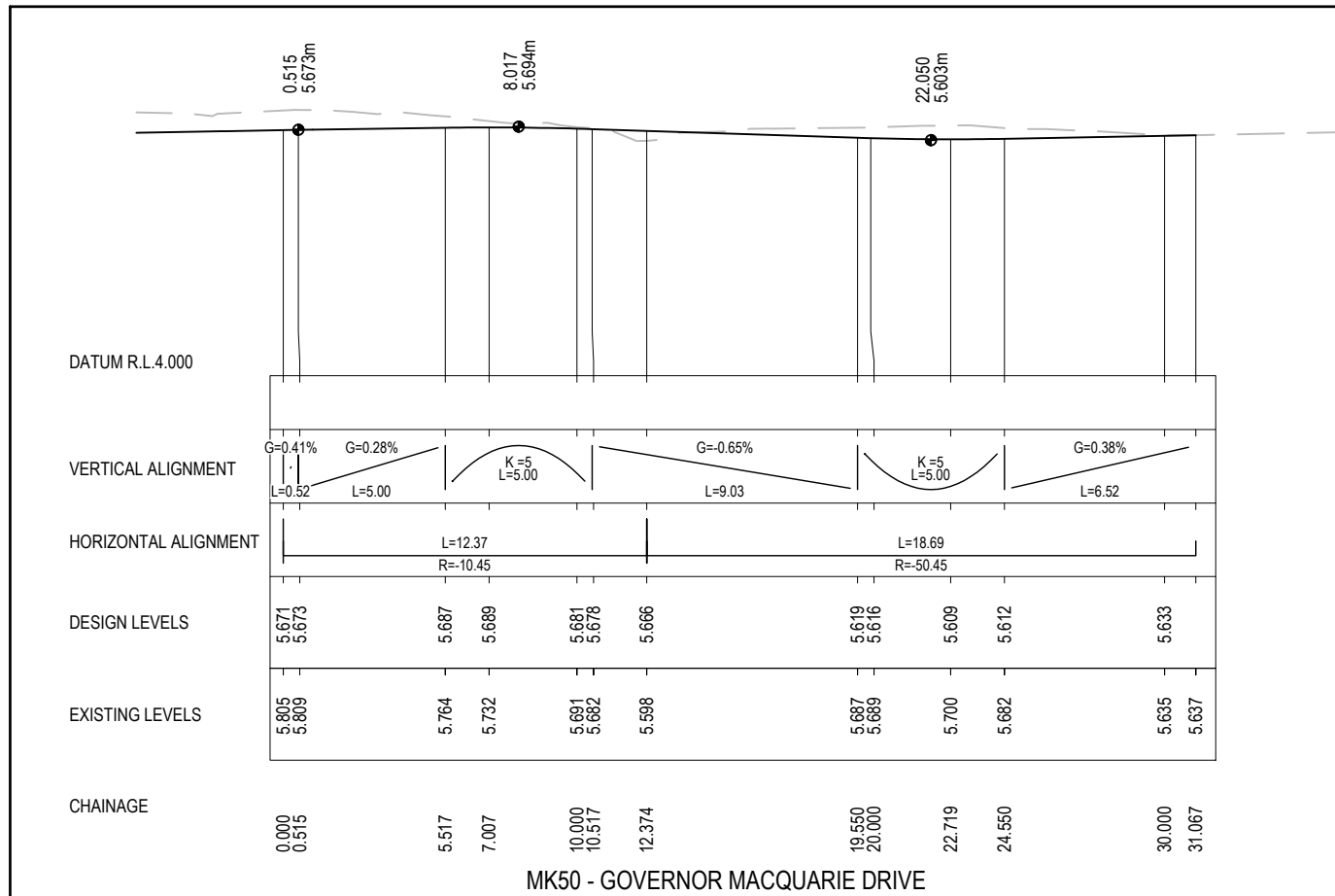


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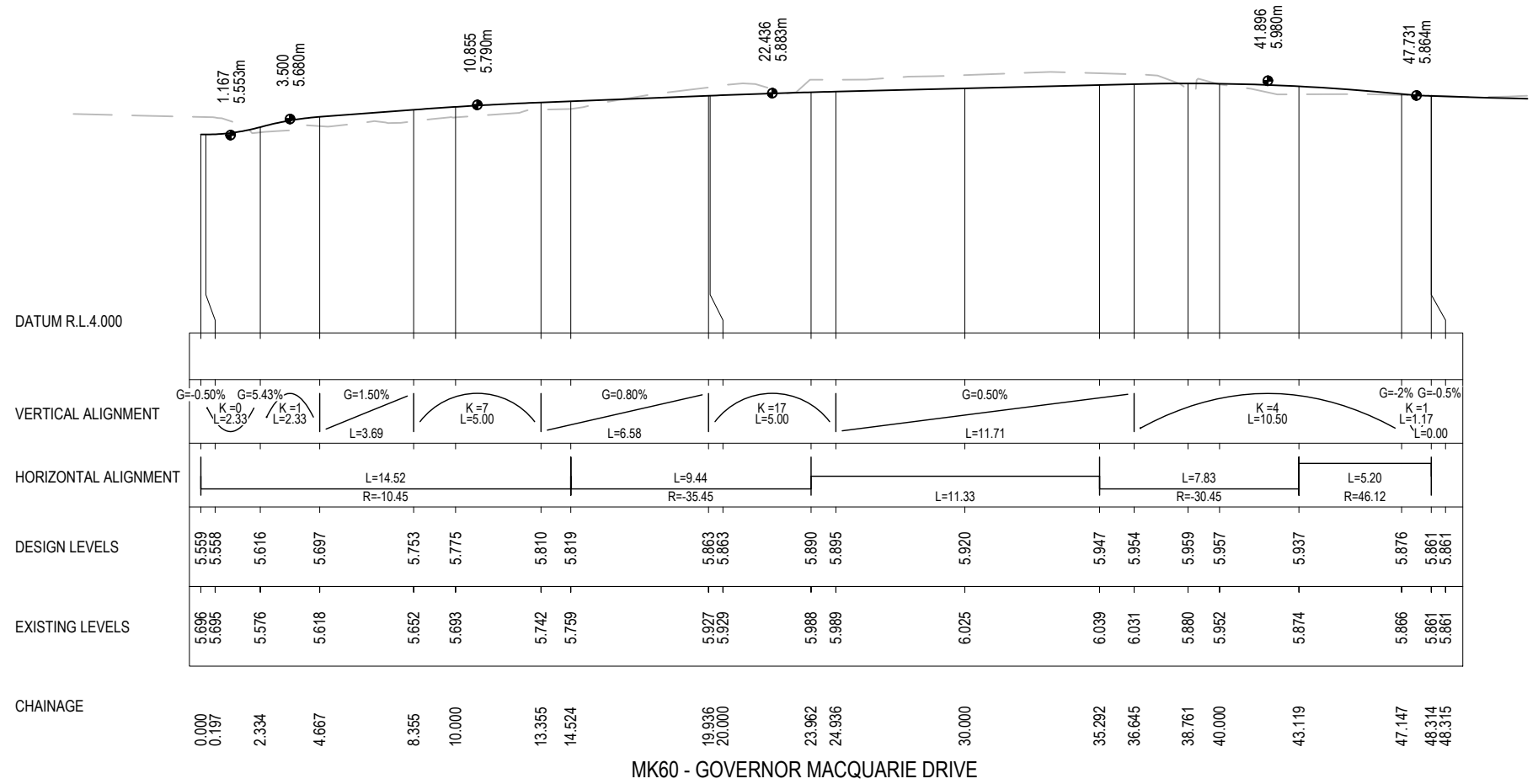
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SHEET No.	MS-0116	ISSUE	0																											

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MK50 - GOVERNOR MACQUARIE DRIVE



MK60 - GOVERNOR MACQUARIE DRIVE

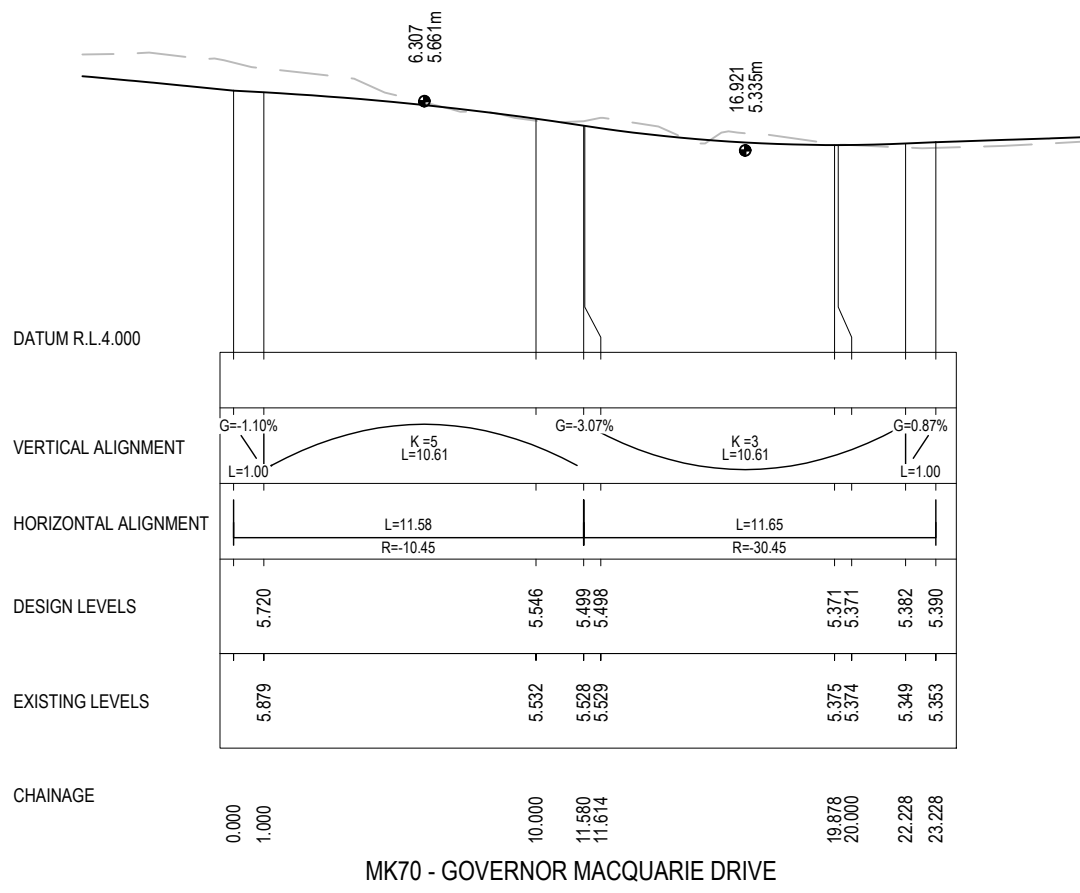
NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES			REV	DATE	AMENDMENT / REVISION DESCRIPTION			WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY	
x_SHT x_LABELS x_DESIGN x_SURVEY x_DRAINAGE x_UTILITIES			0	05.12.22	DETAILED DESIGN - ISSUED FOR REVIEW					0 2.5 5 7.5 10 HORIZONTAL SCALE 1:250m 0 0.5 1 1.5 2 HORIZONTAL SCALE 1:50m CO-ORDINATE SYSTEM MGA ZONE 56			COMPANY NAME / LOGO Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwinjohnson.com.au www.adwinjohnson.com.au ABN 62 129 445 398	
										TITLE NAME DATE DRAWN J.JACKSON 05.12.22 DRG CHECK I.BROWN 05.12.22 DESIGN N.WALL 05.12.22 DESIGN CHECK I.BROWN 05.12.22 DESIGN MNGR I.BROWN 05.12.22 PROJECT MNGR I.BROWN 05.12.22				
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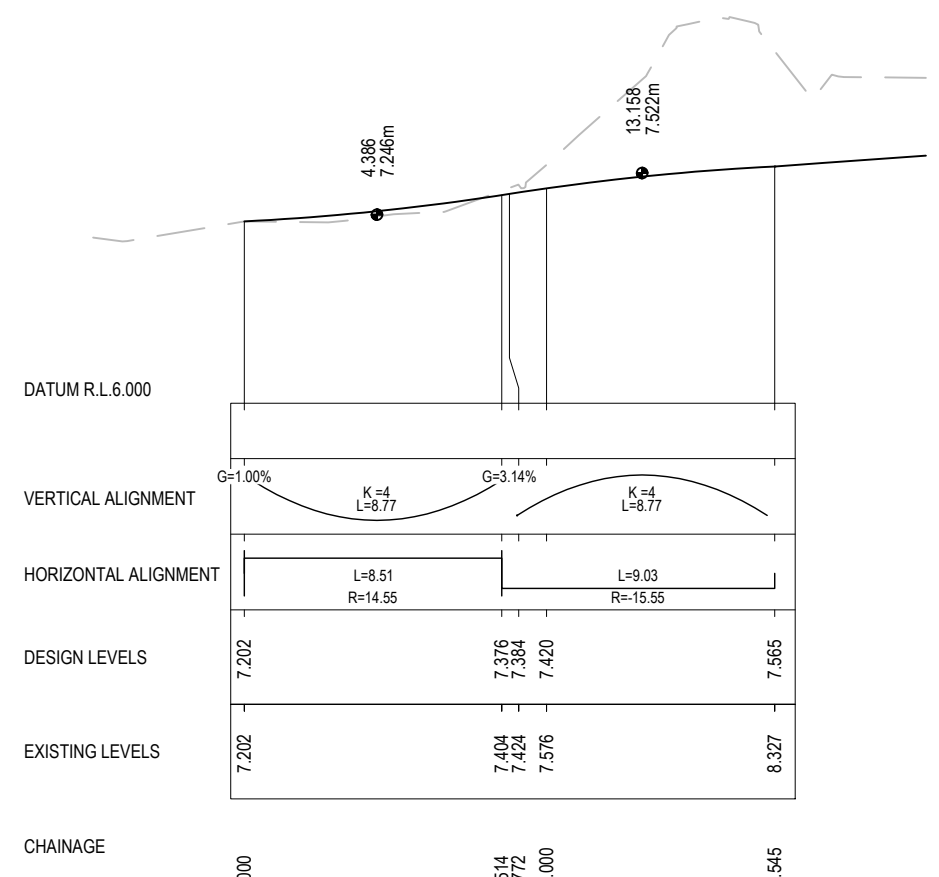
THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

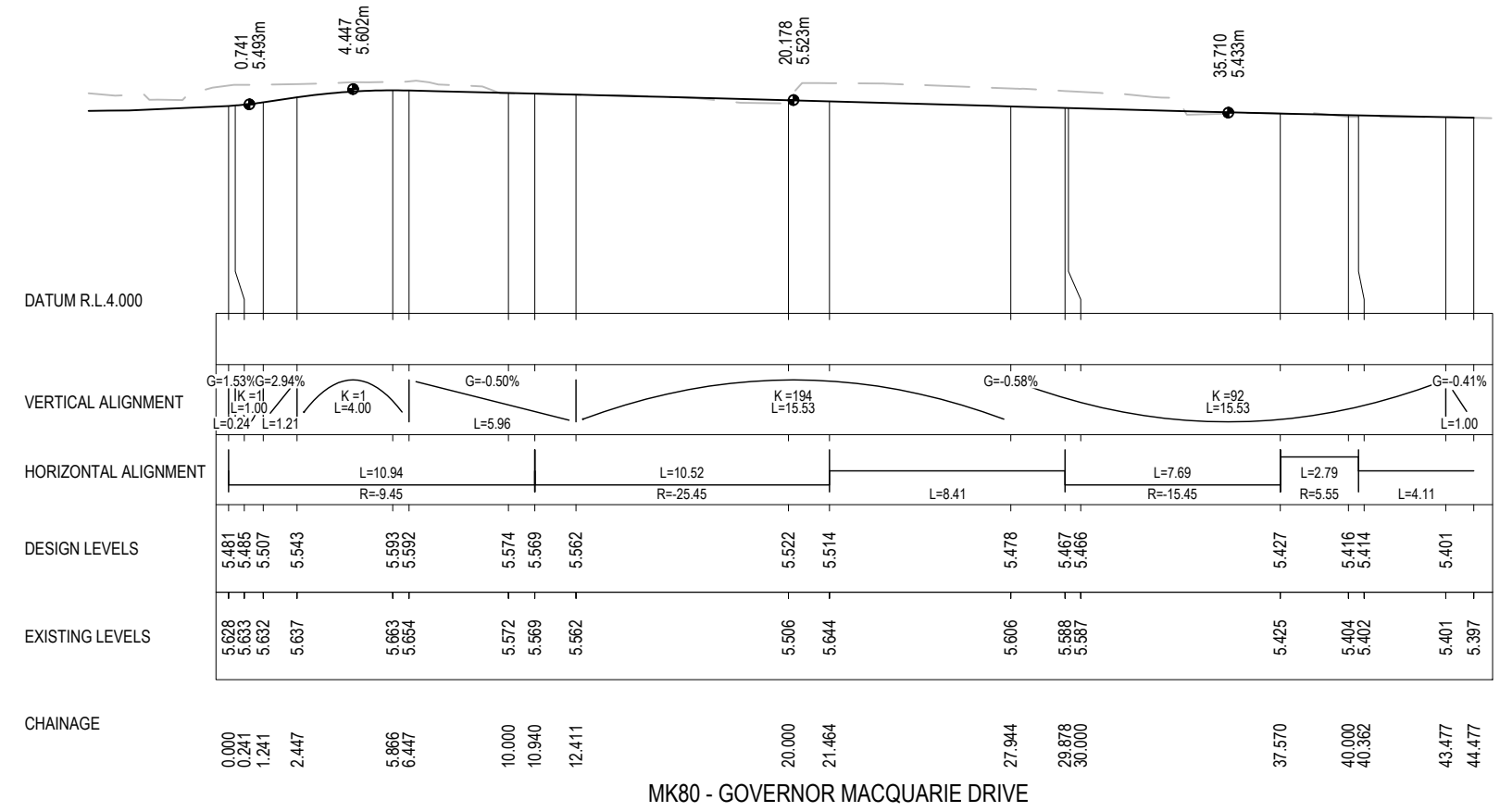
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MK70 - GOVERNOR MACQUARIE DRIVE



MK90 - GOVERNOR MACQUARIE DRIVE



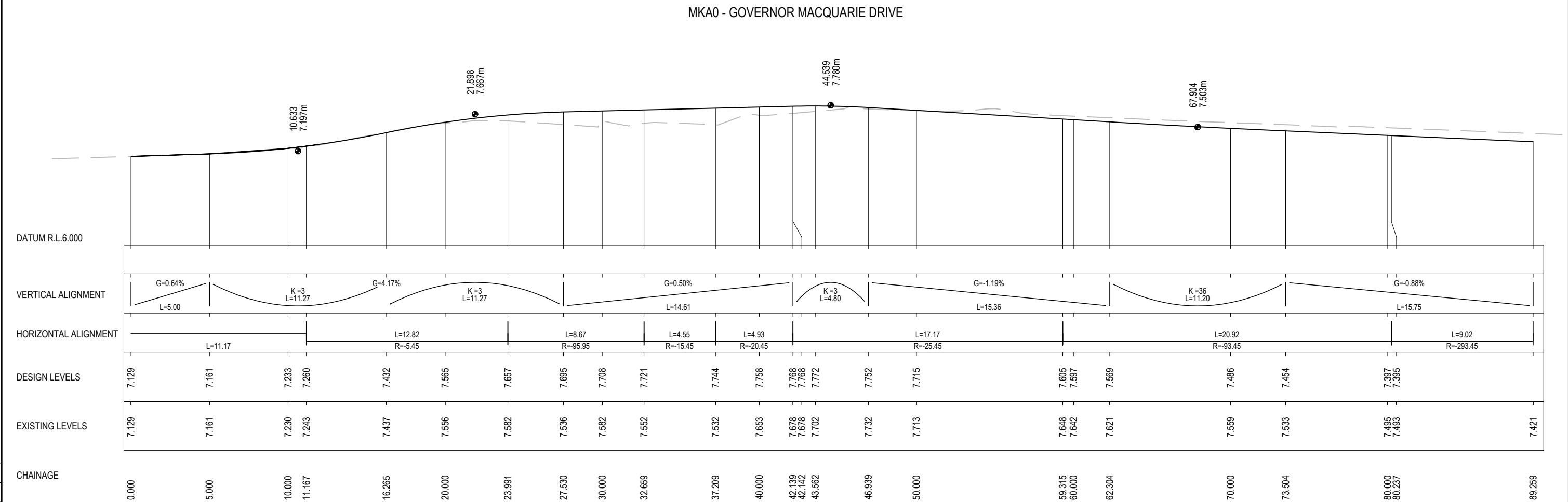
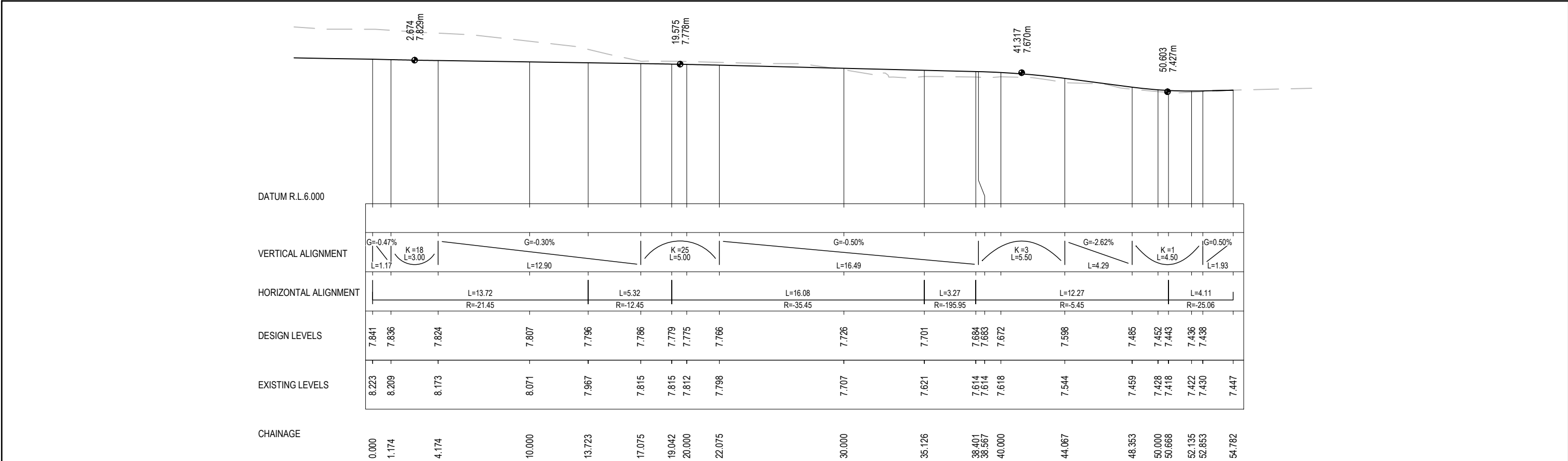
MK80 - GOVERNOR MACQUARIE DRIVE

NOT FOR CONSTRUCTION

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				TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR		NAME J.JACKSON I.BROWN N.WALL I.BROWN I.BROWN I.BROWN	
				DATE 05.12.22 05.12.22 05.12.22 05.12.22 05.12.22		EDMS No. - SHEET No. MS-0302 ISSUE 0	



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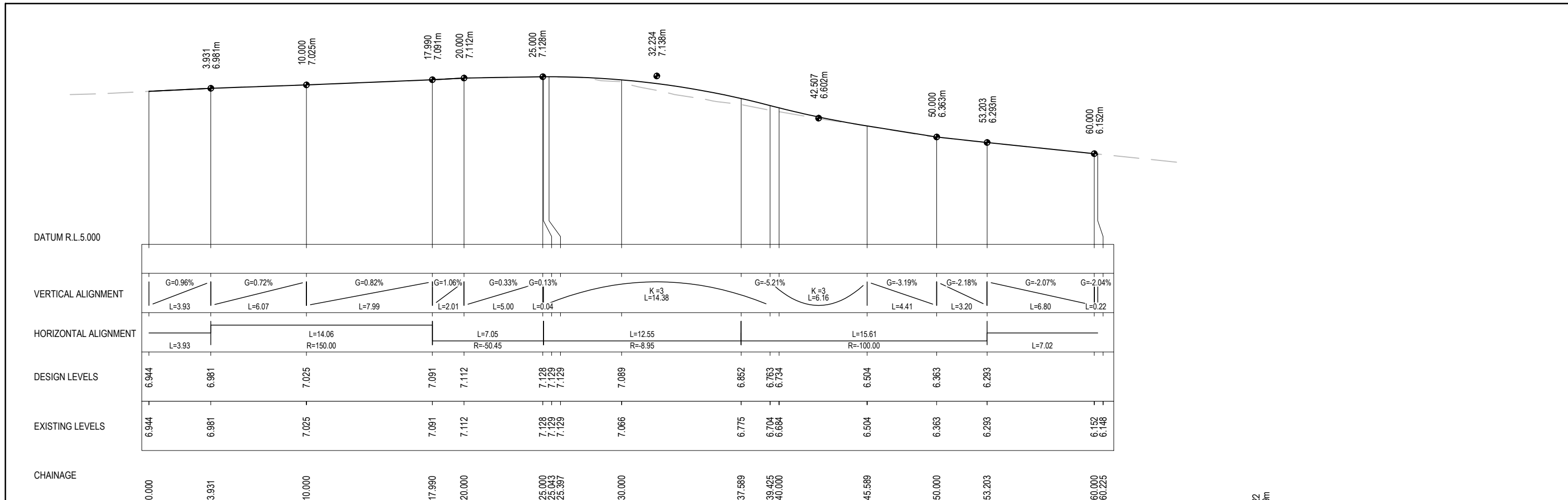


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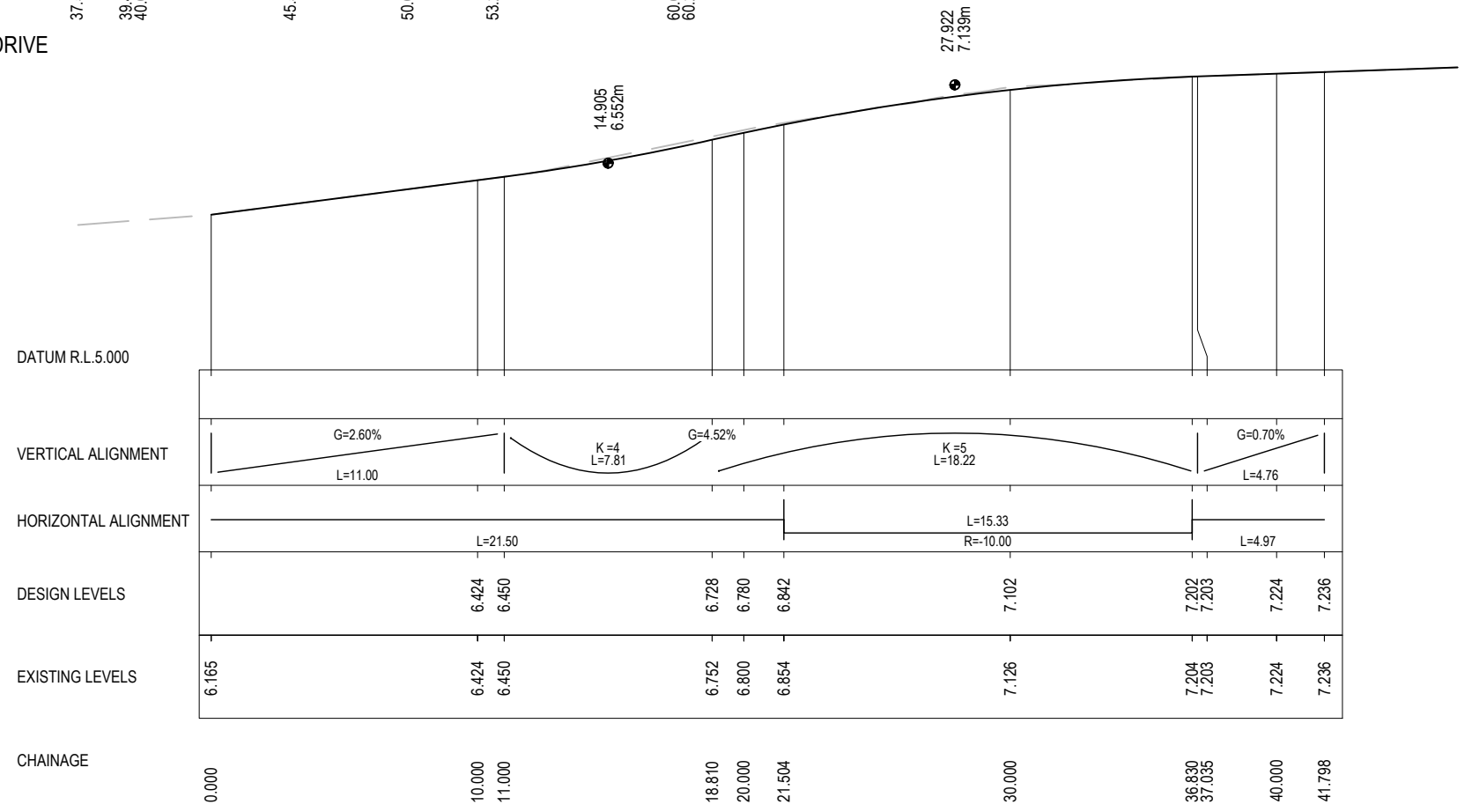
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MKC0 - GOVERNOR MACQUARIE DRIVE



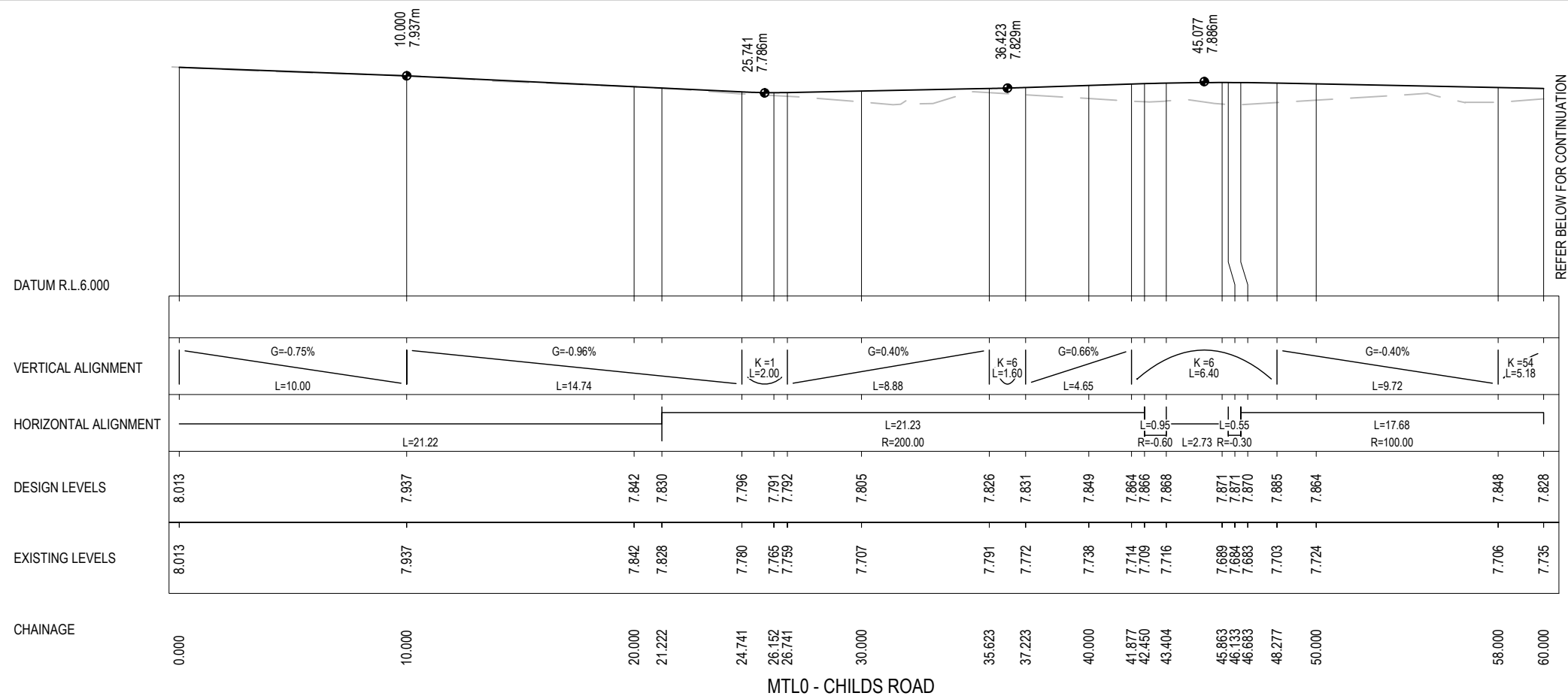
MKD0 - GOVERNOR MACQUARIE DRIVE

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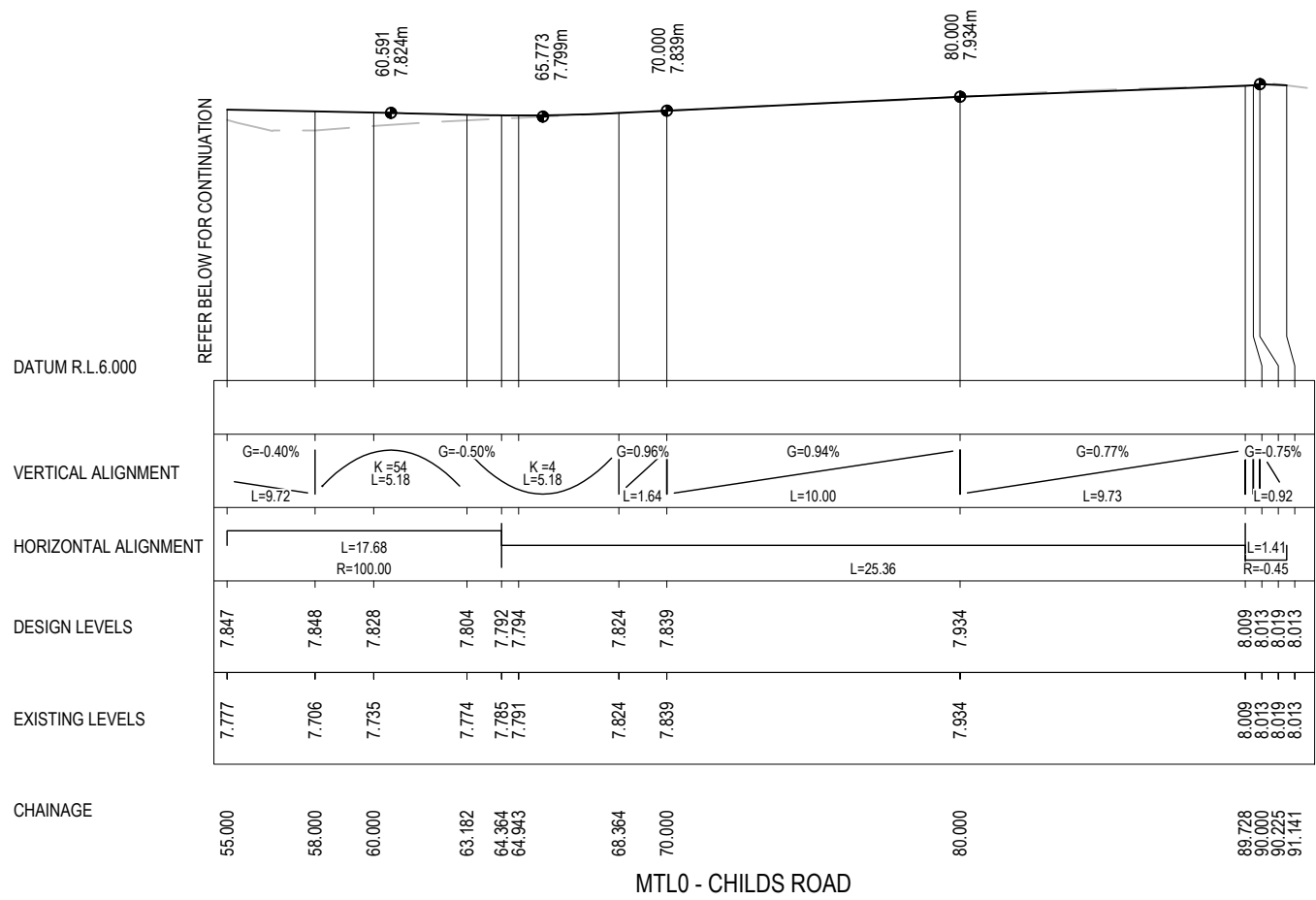
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50mm ON A3 SIZE ORIGINAL



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x_UTILITIES						

SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY
0 2.5 5 7.5 10 HORIZONTAL SCALE 1:250m	COMPANY NAME / LOGO
0 0.5 1 1.5 2 HORIZONTAL SCALE 1:50m	Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398
CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD

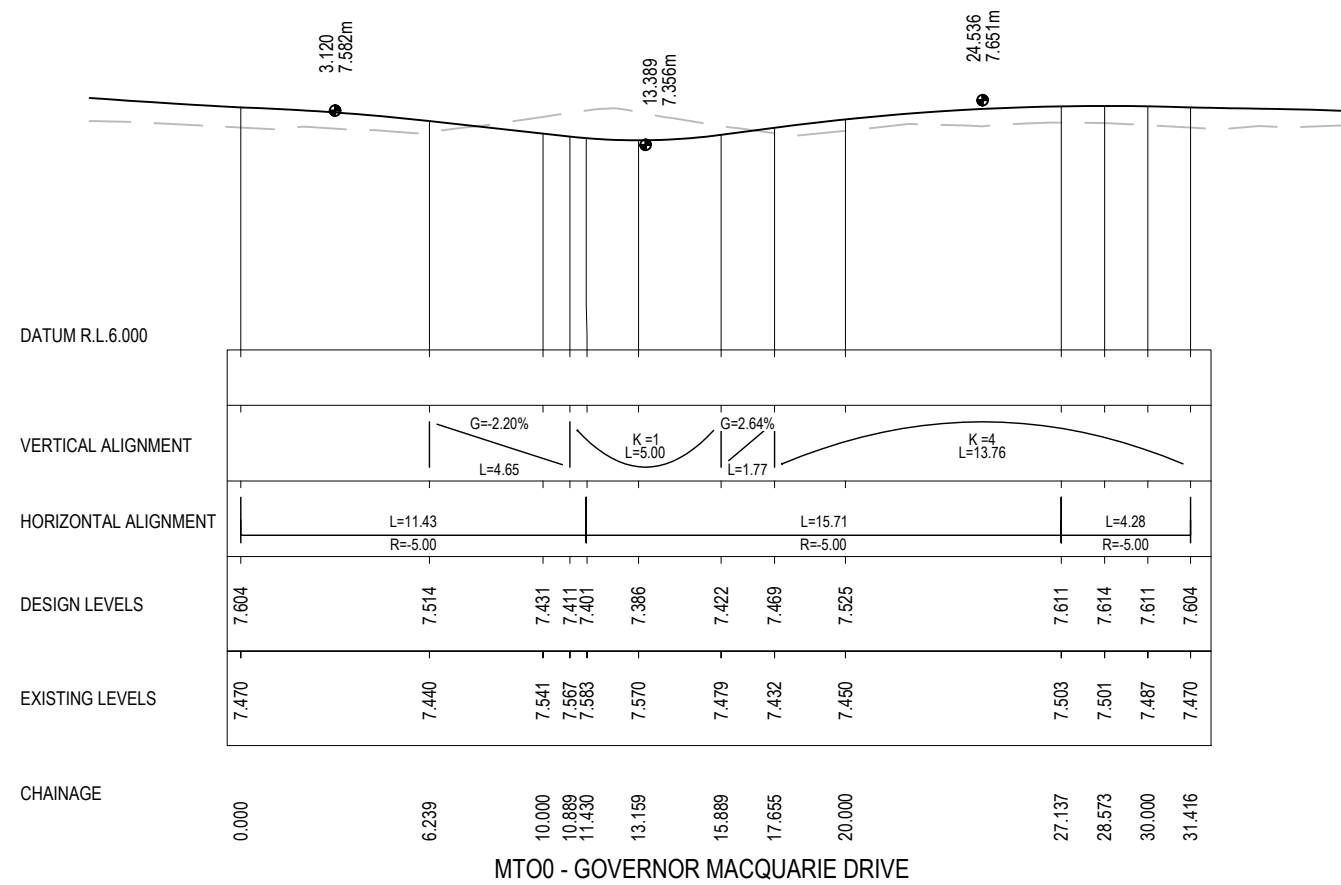
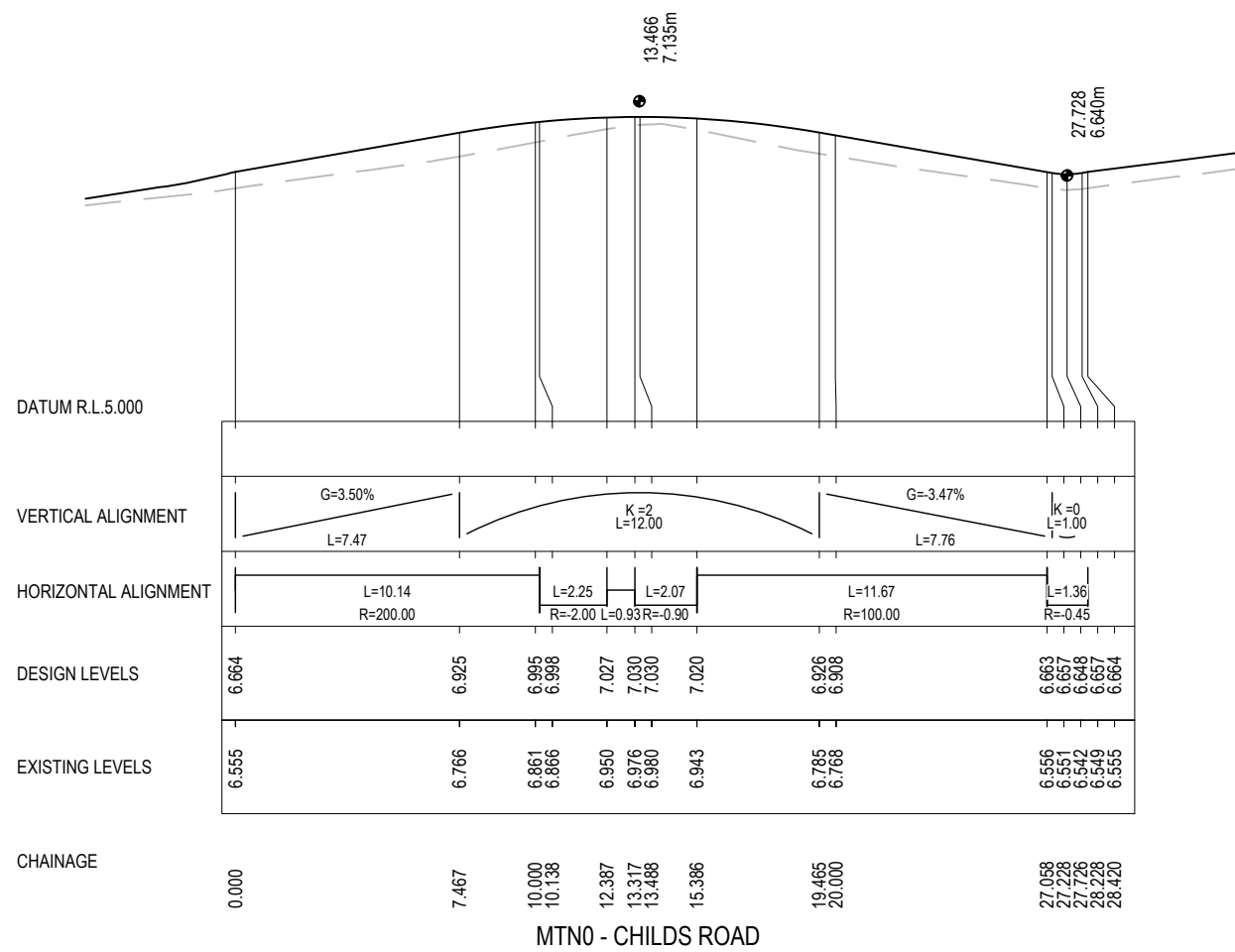
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DESIGN MNGR	I.BROWN	05.12.22
PROJECT MNGR	I.BROWN	05.12.22



DESIGN PROJECT No. <b>300312</b>	PART -
ISSUE STATUS DETAILED DESIGN	ISSUE 0

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50mm ON A3 SIZE ORIGINAL



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EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY																						
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