

LIVERPOOL CITY COUNCIL



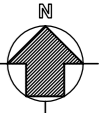
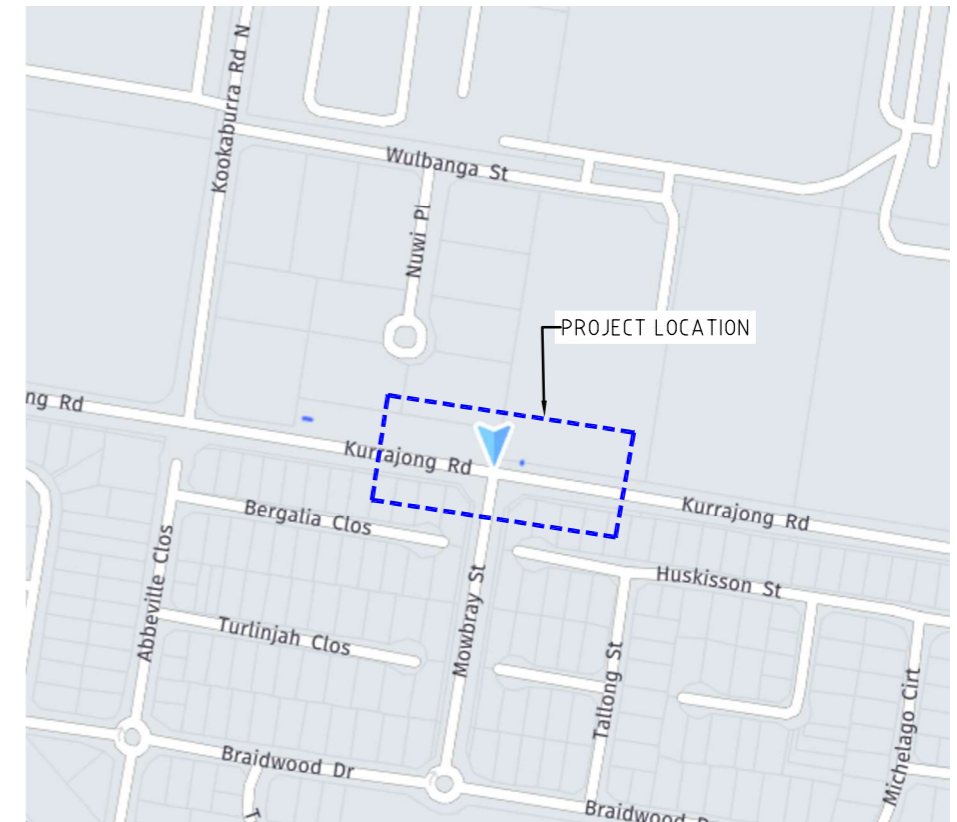
KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

DRAWING INDEX

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DRAWING INDEX

DWG No.	DRAWING DESCRIPTION	REVISION
124		A
125		A
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LOCALITY MAP
SCALE : NTS

File E:\DESIGN\085\131\131\2023_144_Intersection of Kurrajong Rd and Mowbray\Autocad\Design Drawings\13120_144_DESIGN_WIDENING_ONLY_OPTION 2.dwg

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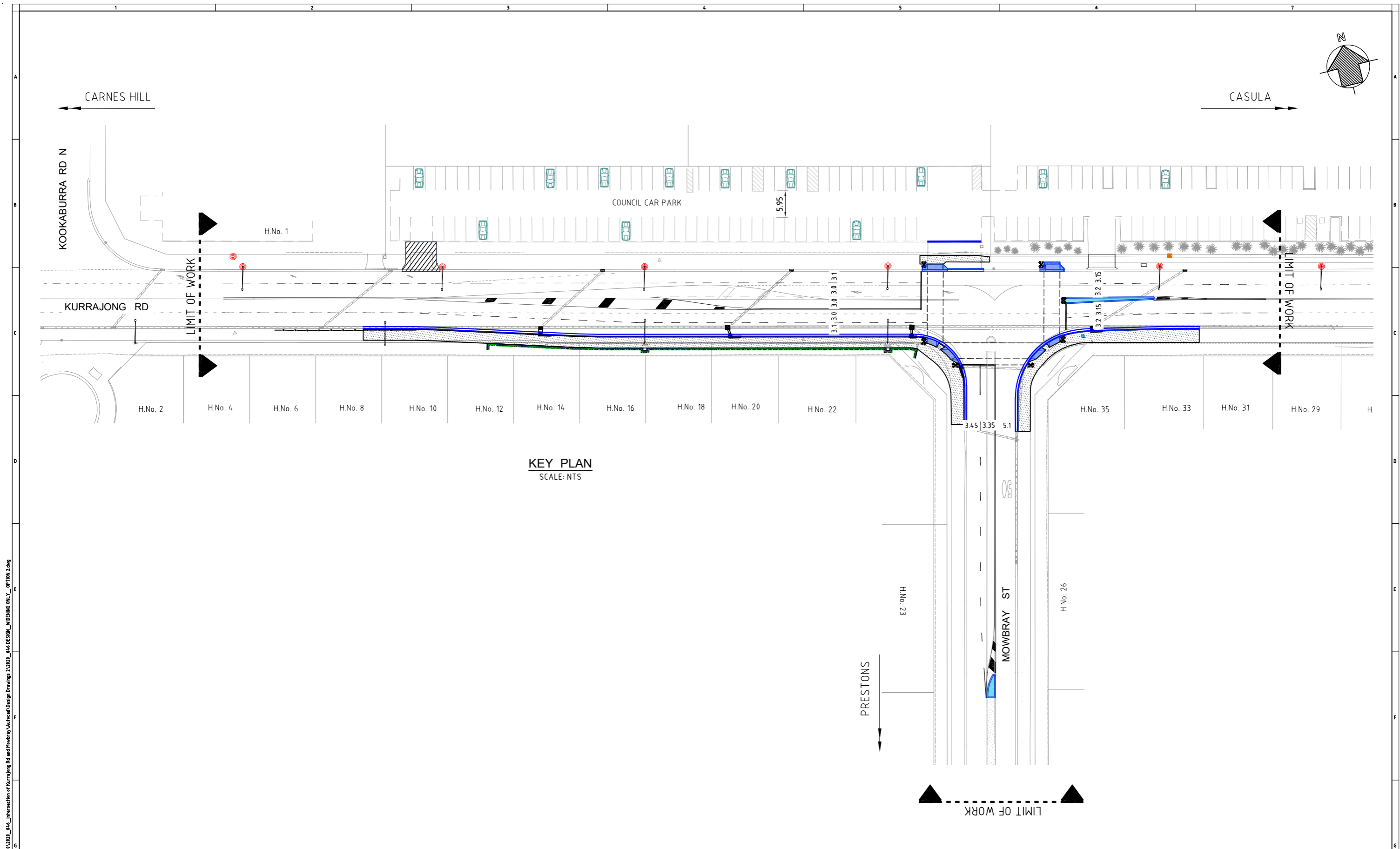


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NOTE:

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWING PREPARED BY WOOLACOTTS.

		DATE OF COMPLETION		COORDINATOR INVESTIGATIONS & DESIGN		LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN		SURVEYED D.M./G.B. DATE -		DATUM A.H.D./M.G.A. 94		DRAWING TITLE KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL		JOB No 2020_046		DWG No 101	
		DATE OF RELEASE		MANAGER-TECHNICAL SUPPORT		GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170 Ph (08) 36 2170 Fax (02) 9821 9333		DESIGNED AB DATE 20/12/2023		CHECKED - DATE -		COVER SHEET		SCALES NTS		ISSUE No A	
		DATE OF ACCEPTANCE		PROJECT ENGINEER		DETAIL DESIGN		DRAWN AB DATE 20/12/2023		CAD FILE XREF:				CONTRACT No			
		DATE OF RELEASE		MANAGER - TRAFFIC & TRANSPORT													
A		20/12/2023		DETAIL DESIGN													
ISSUE		DATE		REASON FOR ISSUE													
				DRAWN													
				SIGNED													
				APPROV													
				OWNER													



KEY PLAN
SCALE: NTS



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A	24/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
DATE OF RELEASE	MANAGER-TECHNICAL SUPPORT
DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

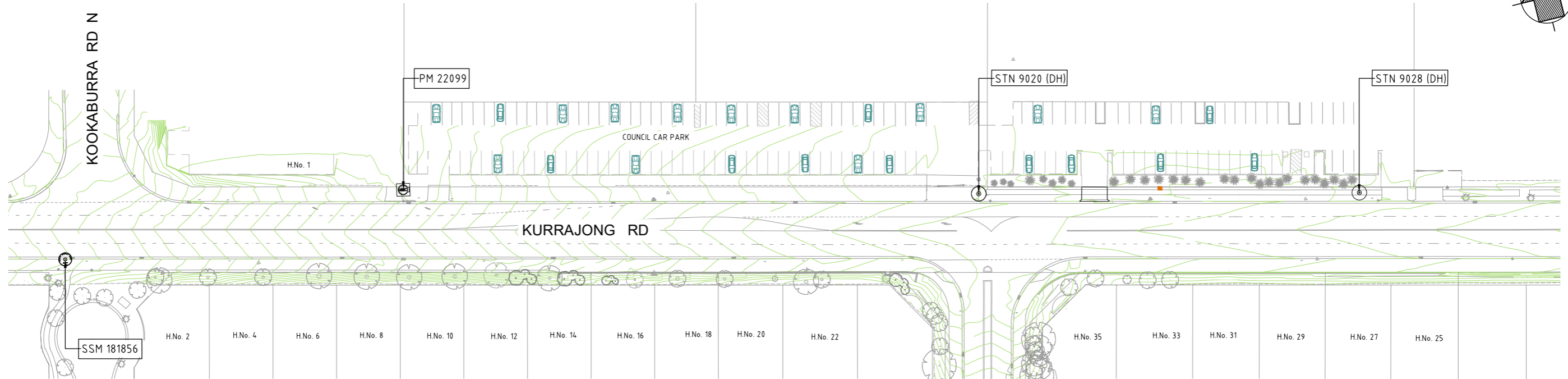
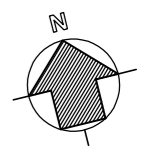
LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
 GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
 Ph (08) 36 2170 Fax (02) 9821 9333

DETAIL DESIGN

SURVEYED	D.M./G.B.	DATUM	A.H.D./M.G.A.
DESIGNED	AB	CHECKED	
DATE	20/12/2023	DATE	
DRAWN	AB	CAD FILE	
DATE	24/12/2023	XREF:	

DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
 INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL
 KEY PLAN

JOB No	DS2020_046	DWG No	102
SCALES	NTS	ISSUE No	A
		CONTRACT No	



SCHEDULE OF SURVEY CONTROL MARKS

STATION	MGA 94 COORDINATES		R.L. (AHD)
	EASTING	NORTHING	
PM 22099	302144.969	6242313.982	39.344
SSM 181856	302063.783	6242308.578	36.877
STN 9020 (DH)	302279.253	6242294.605	42.703
STN 9027 (PIN)	302257.036	6242168.581	48.537
STN 9028 (DH)	302368.191	6242282.674	43.207
SSM 97550	302248.586	6242062.559	47.969

NOTES:

A. LEVEL DATUM AHD, ORIGIN OF LEVELS
PM 22099 RL 39.344 VIDE SCIMS

B. THE BOUNDARIES HAVE NOT BEEN SURVEYED. BOUNDARY INFORMATION SHOWN HAS BEEN COMPILED FROM THE RELEVANT DEPOSITED SURVEY PLANS.

C. THE POSITION OF SERVICES SHOWN IS APPROXIMATE ONLY AND HAS BEEN PLOTTED FROM FEATURES FOUND AT THE TIME OF SURVEY AND FROM PLANS RECEIVED FROM THE RELEVANT SERVICE AUTHORITIES. THE POSITION OF SERVICES MUST BE CONFIRMED PRIOR TO THE COMMENCEMENT OF WORKS.

D. IMPROVEMENTS AND FEATURES SHOWN ON OR NEAR THE BOUNDARIES ARE INDICATIVE ONLY.

STN 9027 (PIN)

PLAN
SCALE 1:500 @A1



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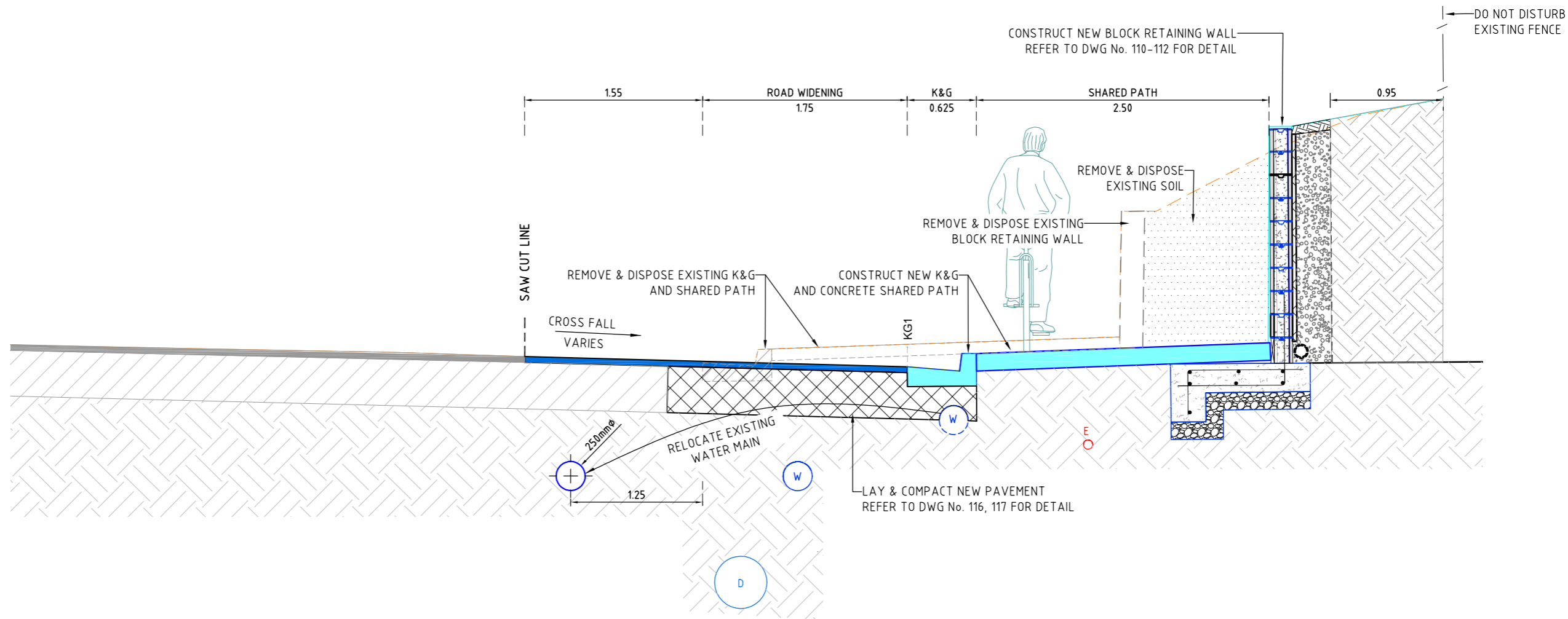
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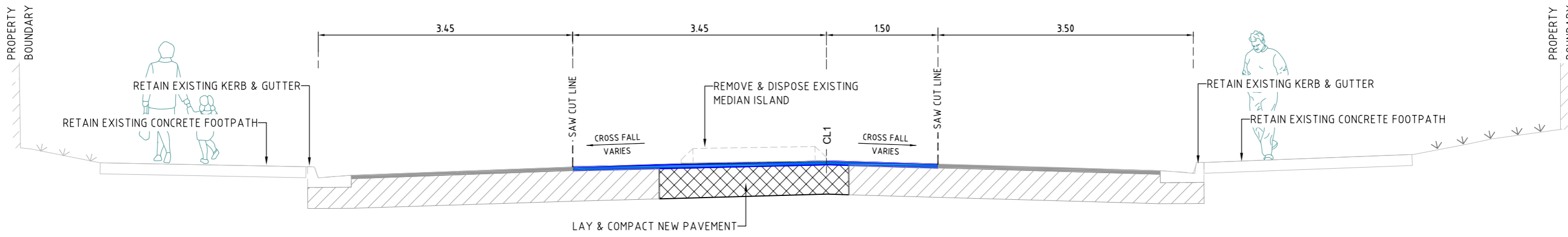
DETAIL DESIGN

SURVEYED D.M./G.B. DATE -	DATUM A.H.D./M.G.A.
DESIGNED AB DATE 20/12/2023	CHECKED DATE -
DRAWN AB DATE 24/12/2023	CAD FILE XREF:

DRAWING TITLE KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL		JOB No DS2020_046	DWG No 103
SURVEY CONTROL MARKS : PLAN & SCHEDULE		SCALES 1:200 @ A1	ISSUE No A
		CONTRACT No	



TYPICAL SECTION - KURRAJONG RD (WEST)
SCALE : 1:20 @ A1



TYPICAL SECTION - MOWBRAY ST
SCALE : NTS



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DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
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DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

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GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
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DATE -			
DESIGNED	AB	CHECKED	
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DRAWN	AB	CAD FILE	
DATE 24/12/2023		XREF:	

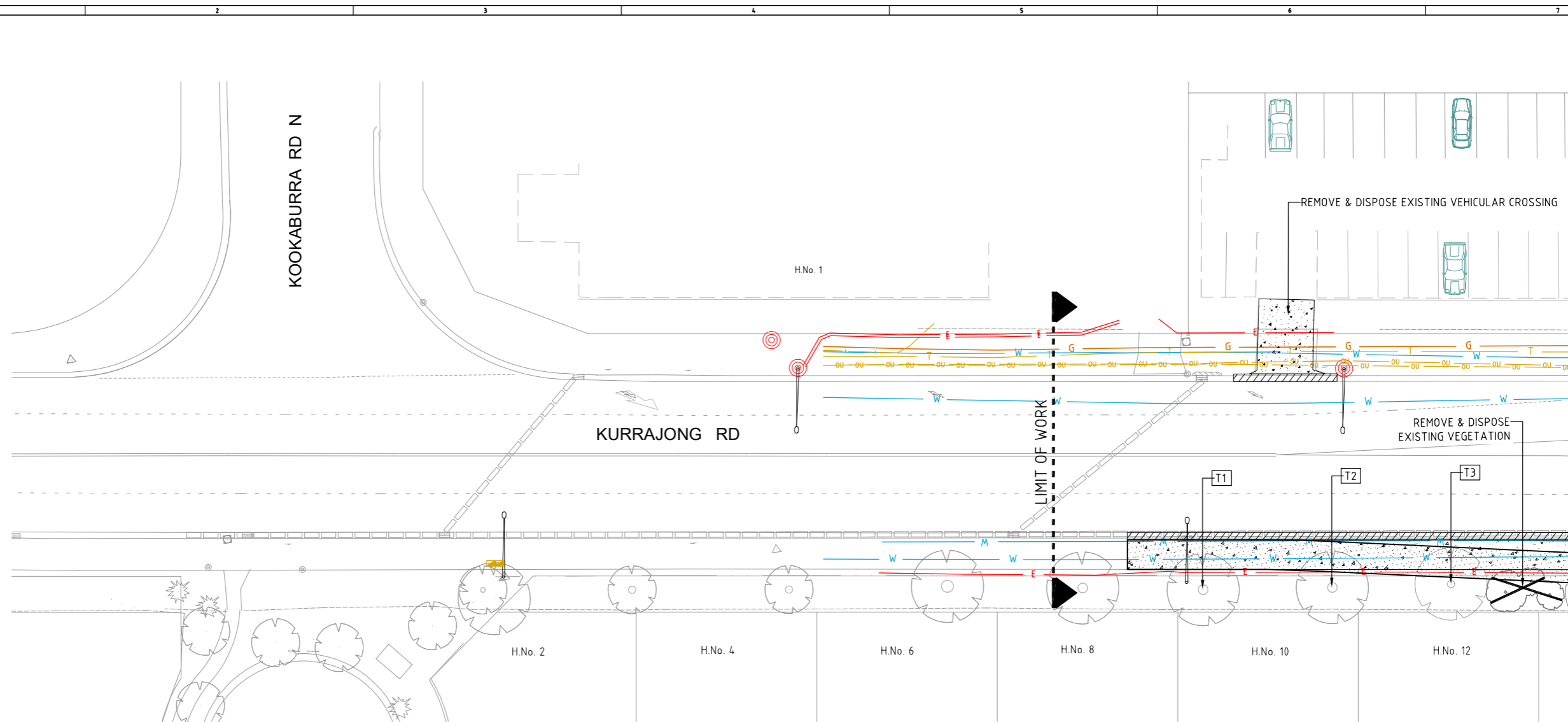
DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
 INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

TYPICAL SECTIONS - KURRAJONG RD (WEST) & MOWBRAY ST

JOB No	DWG No
DS2020_046	104
SCALES	ISSUE No
NTS	A
CONTRACT No	

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Plotted: 22/12/2024, 4:16:48 PM



SEE DWG No. 106 FOR CONTINUATION

PLAN
SCALE 1:200 @A1

DEMOLITION LEGEND

REMOVE & DISPOSE EXISTING KERB & GUTTER	
REMOVE & DISPOSE EXISTING SHARED PATH/ V.C.	
REMOVE & DISPOSE EXISTING TRAFFIC ISLAND	
REMOVE & DISPOSE EXISTING CONCRETE RAMPS	
REMOVE & DISPOSE EXISTING BLOCK RETAINING WALL	
REMOVE TREES / VEGETATION	
REMOVE TREES / VEGETATION	

U/G SERVICE LEGEND

U/G SYDNEY WATER LINE (250φ DICL)		W
U/G GAS LINE (150 ST HIGH PRESSURE)		G
U/G ELECTRICAL LINE (LOW RISK)		E
U/G TELSTRA LINE (FIBRE OPTIC)		T
U/G OPTUS LINE (FIBRE OPTIC)		OU
U/G SEWER LINE (225φ PVC)		S

TREE PROTECTION / REMOVAL SCHEDULE				
TREE No.	SPECIES	LOCATION	TREATMENT	REMARK
T1	CALLISTEMON 'BOTTELBRUSH'	H.No. 10	RETAIN	TREE ROOTS SHOULD NOT BE IMPACTED WITHIN TPZ & SRZ
T2	CALLISTEMON 'BOTTELBRUSH'	H.No. 10	RETAIN	TREE ROOTS SHOULD NOT BE IMPACTED WITHIN TPZ & SRZ
T3	CALLISTEMON 'BOTTELBRUSH'	H.No. 12	RETAIN	TREE ROOTS SHOULD NOT BE IMPACTED WITHIN TPZ & SRZ
T4	CALLISTEMON 'BOTTELBRUSH'	H.No. 14	REMOVE & DISPOSE	REMOVE & DISPOSE
T5	CALLISTEMON 'BOTTELBRUSH'	H.No. 16	REMOVE & DISPOSE	REMOVE & DISPOSE
T6	CALLISTEMON 'BOTTELBRUSH'	H.No. 18	REMOVE & DISPOSE	REMOVE & DISPOSE
T7	CALLISTEMON 'BOTTELBRUSH'	H.No. 20	REMOVE & DISPOSE	REMOVE & DISPOSE
T8	CALLISTEMON 'BOTTELBRUSH'	H.No. 20	REMOVE & DISPOSE	REMOVE & DISPOSE
T9	CALLISTEMON 'BOTTELBRUSH'	H.No. 22	REMOVE & DISPOSE	REMOVE & DISPOSE
T10	CALLISTEMON 'BOTTELBRUSH'	H.No. 22	REMOVE & DISPOSE	REMOVE & DISPOSE



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WARNING: UNDERGROUND SERVICES
ENSURE THAT ALL UNDERGROUND SERVICES ARE LOCATED BEFORE PROCEEDING WITH DEMOLITION.



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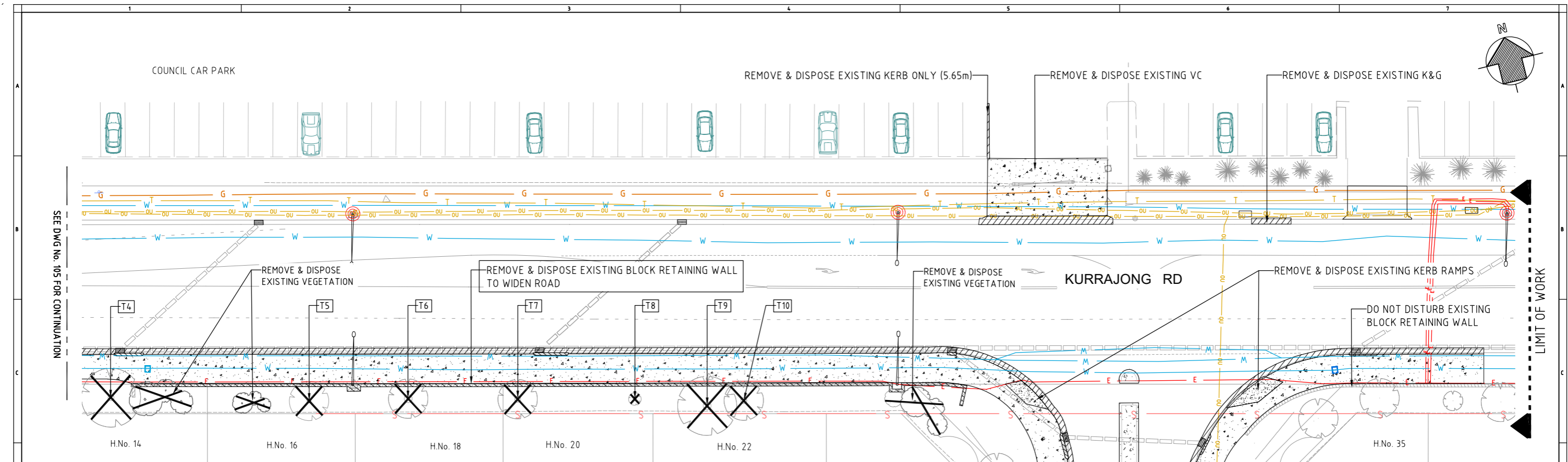
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DRAWN	AB	DATE	20/12/2023
DATE	20/12/2023	CAD FILE	XREF

DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL
DEMOLITION PLAN - SHEET 1 OF 3

JOB No	DS2020_046	DWG No	105
ISSUE No	A	CONTRACT No	
SCALES	1:200 @ A1		

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	20/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
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DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT



PLAN
SCALE 1:200 @A1

DEMOLITION LEGEND

REMOVE & DISPOSE EXISTING KERB & GUTTER	
REMOVE & DISPOSE EXISTING SHARED PATH/ V.C.	
REMOVE & DISPOSE EXISTING TRAFFIC ISLAND	
REMOVE & DISPOSE EXISTING CONCRETE RAMPS	
REMOVE & DISPOSE EXISTING BLOCK RETAINING WALL	
REMOVE & DISPOSE EXISTING TREE	
REMOVE & DISPOSE EXISTING VEGETATION	

UNDERGROUND SERVICE LEGEND

SYDNEY WATER LINE (250φ DICL)		W
GAS LINE (150 ST HIGH PRESSURE)		G
ELECTRICAL LINE (LOW RISK)		E
TELSTRA LINE (FIBRE OPTIC)		T
OPTUS LINE (FIBRE OPTIC)		OU
SEWER LINE (225φ PVC)		S



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A	24/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
DATE OF RELEASE	MANAGER-TECHNICAL SUPPORT
DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
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Ph (08) 36 2170 Fax (02) 9821 9333

DETAIL DESIGN

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DATE	24/12/2023	XREF:	

DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

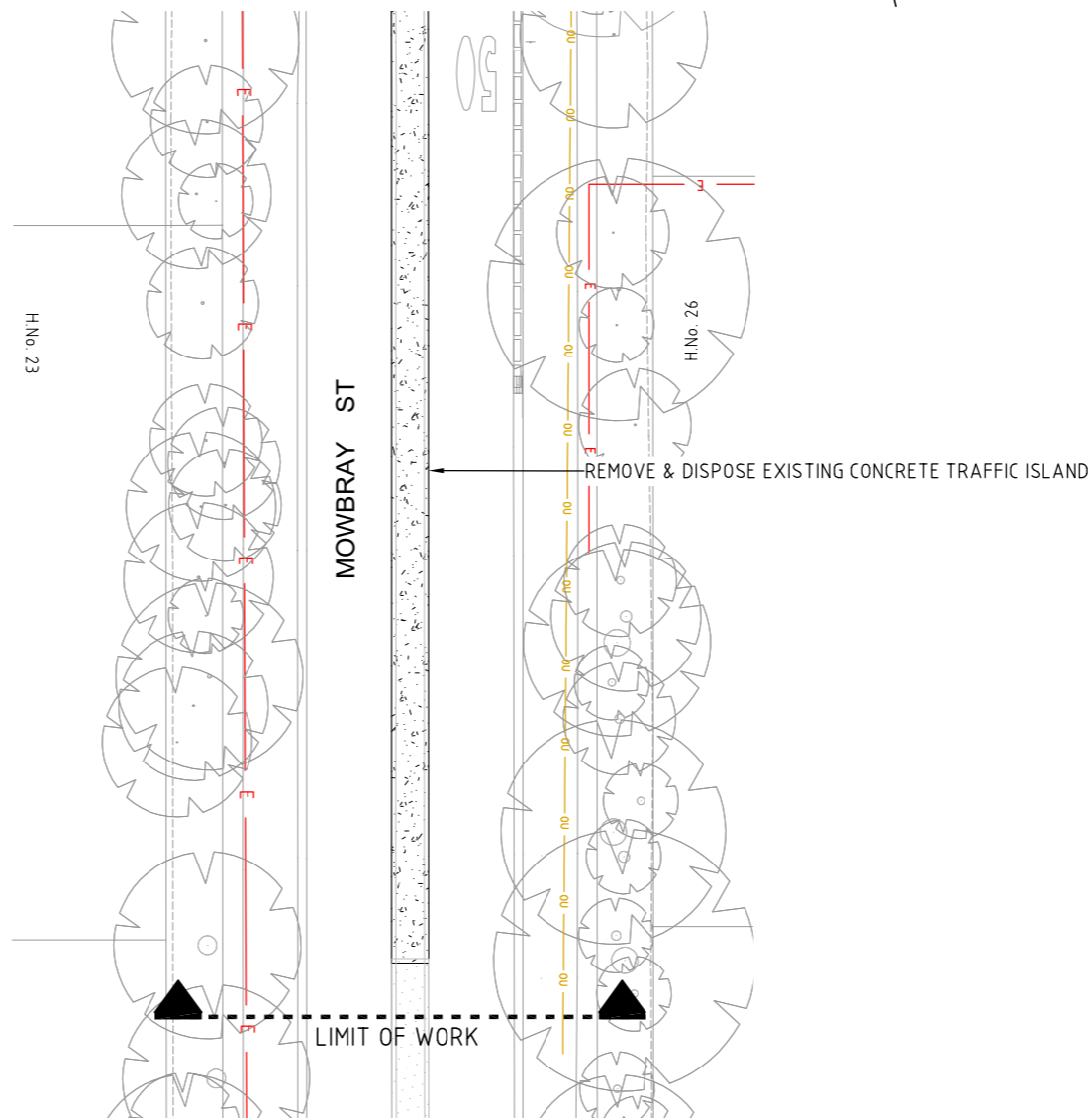
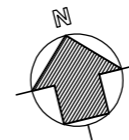
DEMOLITION PLAN - SHEET 2 OF 3

JOB No	DS2020_046	DWG No	106
ISSUE No	A	CONTRACT No	
SCALES	1:200 @ A1		

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Plotted: 22/12/2024, 4:18:54 PM

SEE DWG No. 106 FOR CONTINUATION



PLAN

SCALE 1:200 @A1

DEMOLITION LEGEND

REMOVE & DISPOSE EXISTING KERB & GUTTER	
REMOVE & DISPOSE EXISTING SHARED PATH/ V.C.	
REMOVE & DISPOSE EXISTING TRAFFIC ISLAND	
REMOVE & DISPOSE EXISTING CONCRETE RAMPS	
REMOVE & DISPOSE EXISTING BLOCK RETAINING WALL	
REMOVE & DISPOSE EXISTING TREE	
REMOVE & DISPOSE EXISTING VEGETATION	

U/G SERVICE LEGEND

SYDNEY WATER LINE (250φ DICL)		W
GAS LINE (150 ST HIGH PRESSURE)		G
ELECTRICAL LINE (LOW RISK)		E
TELSTRA LINE (FIBRE OPTIC)		T
OPTUS LINE (FIBRE OPTIC)		OU
SEWER LINE (225φ PVC)		S



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WARNING: UNDERGROUND SERVICES
ENSURE THAT ALL UNDERGROUND SERVICES ARE LOCATED BEFORE PROCEEDING WITH DEMOLITION.



ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
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DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
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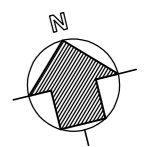
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DATE	-	CHECKED	-
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DATE	20/12/2023	CAD FILE	-
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DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

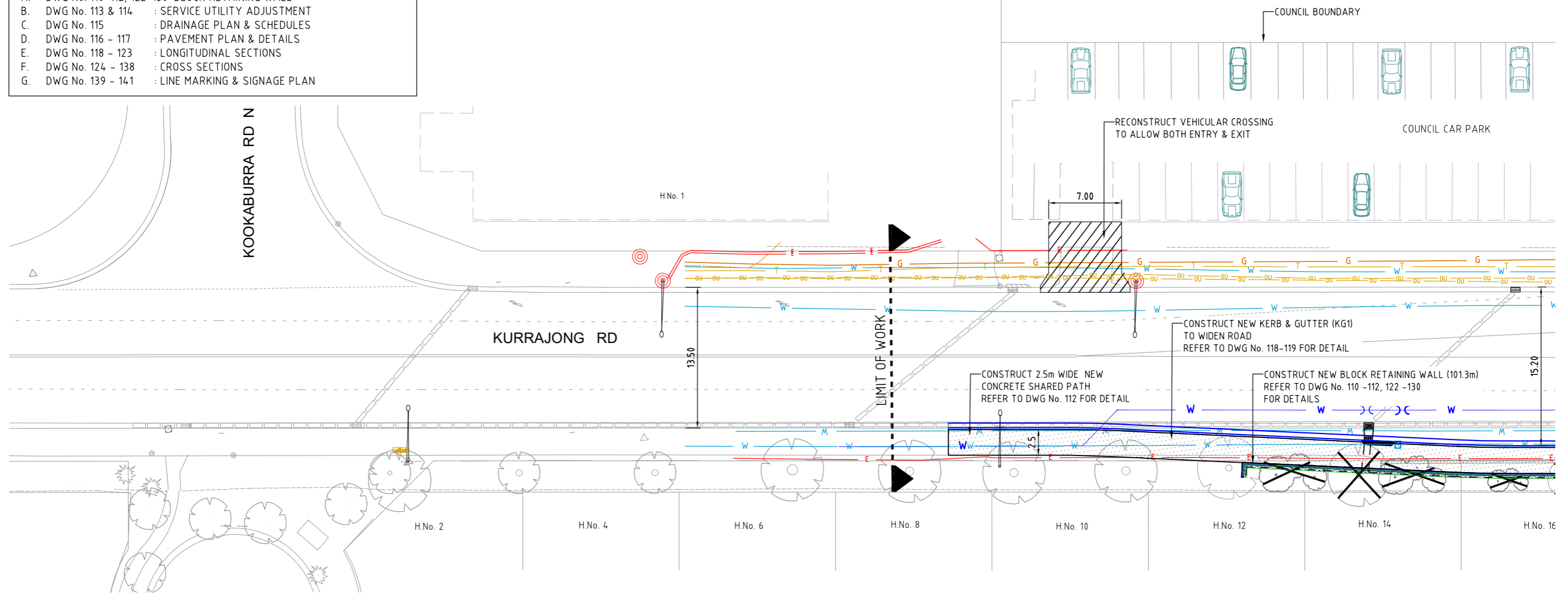
DEMOLITION PLAN - SHEET 3 OF 3

JOB No	DS2020_046	DWG No	107
ISSUE No	A	CONTRACT No	
SCALES	1:200 @ A1		



NOTE: 1
 PLEASE REFER TO THE FOLLOWING DWG FOR DETAILS:

- A. DWG No. 110-112, 122-130: BLOCK RETAINING WALL
- B. DWG No. 113 & 114 : SERVICE UTILITY ADJUSTMENT
- C. DWG No. 115 : DRAINAGE PLAN & SCHEDULES
- D. DWG No. 116 - 117 : PAVEMENT PLAN & DETAILS
- E. DWG No. 118 - 123 : LONGITUDINAL SECTIONS
- F. DWG No. 124 - 138 : CROSS SECTIONS
- G. DWG No. 139 - 141 : LINE MARKING & SIGNAGE PLAN



PLAN
 SCALE 1:200 @A1

GENERAL LEGEND

RECONSTRUCT CONCRETE KERB & GUTTER	
RECONSTRUCT CONCRETE KERB RAMP	
CONSTRUCT NEW CONCRETE MEDIAN ISLAND	
RECONSTRUCT CONCRETE V.C.	
RECONSTRUCT CONCRETE SHARED PATH / FOOTPATH	
CONSTRUCT BLOCK RETAINING WALL	
INSTALL NEW TRAFFIC SIGNAL POST	
REMOVE TREES / VEGETATION	

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 ALL WORK SHALL CONFORM TO **AUS V/SPEC**



File E:\DESIGN\085\131\131_2121_144_DESIGN_WIDENING_ONLY_OPTION 2.dwg
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SEE DWG No. 109 FOR CONTINUATION

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
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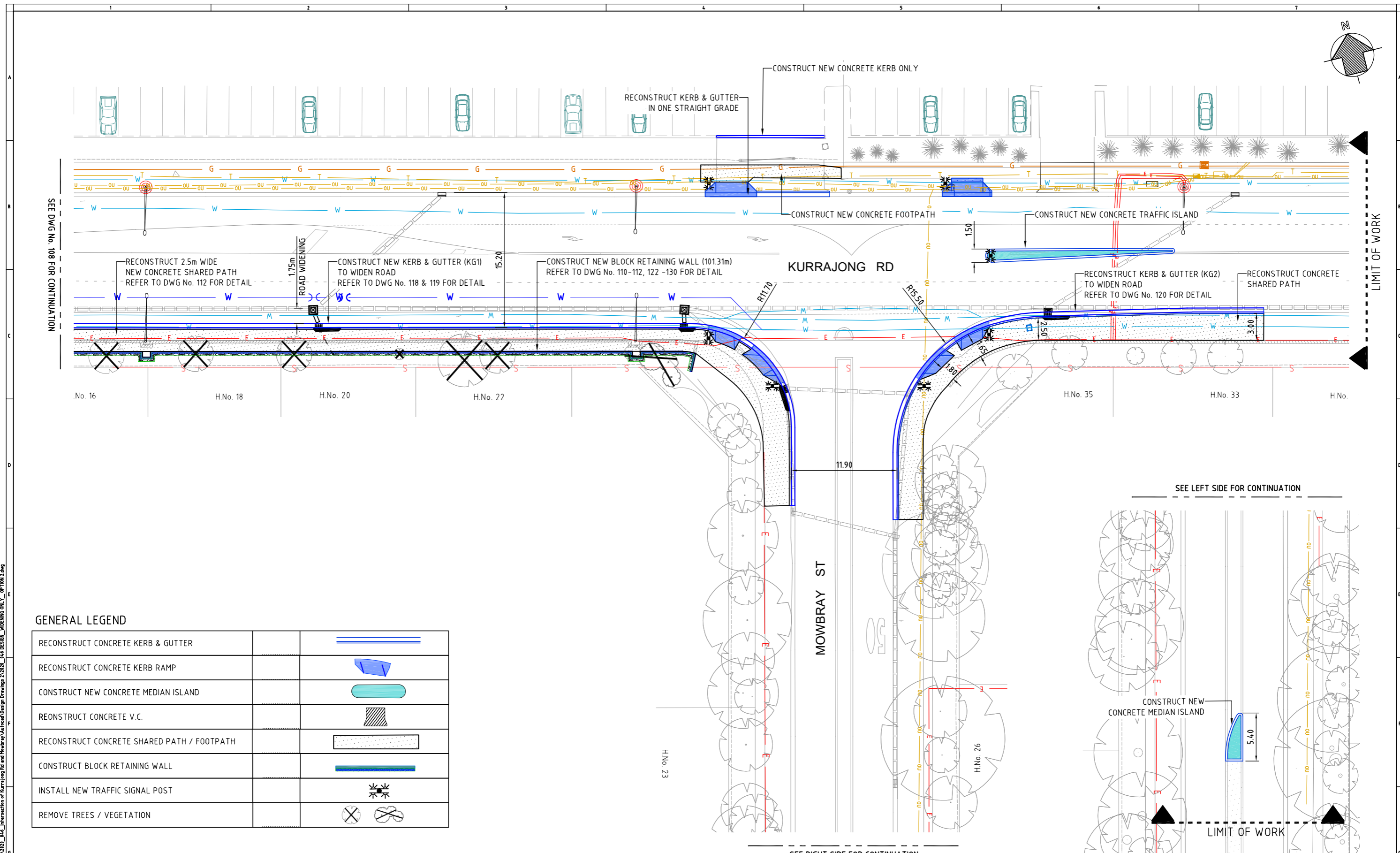
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SURVEYED D.M./G.B. DATE -	DATUM A.H.D./M.G.A.
DESIGNED AB DATE 20/12/2023	CHECKED DATE -
DRAWN AB DATE 24/12/2023	CAD FILE XREF:

DRAWING TITLE KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL		JOB No DS2020_046	DWG No 108
GENERAL ARRANGEMENT PLAN - SHEET 1 OF 2		ISSUE No A	CONTRACT No
SCALES 1:200 @ A1			

File E:\DESIGN\085\1318\2023_144_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\2\2023_144_DESIGN_WIDENING_ONLY_OPTION 2.dwg

Plot: 22/12/2024 4:21:11 PM



GENERAL LEGEND

RECONSTRUCT CONCRETE KERB & GUTTER	
RECONSTRUCT CONCRETE KERB RAMP	
CONSTRUCT NEW CONCRETE MEDIAN ISLAND	
RECONSTRUCT CONCRETE V.C.	
RECONSTRUCT CONCRETE SHARED PATH / FOOTPATH	
CONSTRUCT BLOCK RETAINING WALL	
INSTALL NEW TRAFFIC SIGNAL POST	
REMOVE TREES / VEGETATION	

UNLESS DETAILED ON THIS DRAWING
ALL WORK SHALL CONFORM TO



PLAN
SCALE 1:200 @A1

PLAN
SCALE 1:200 @A1

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN

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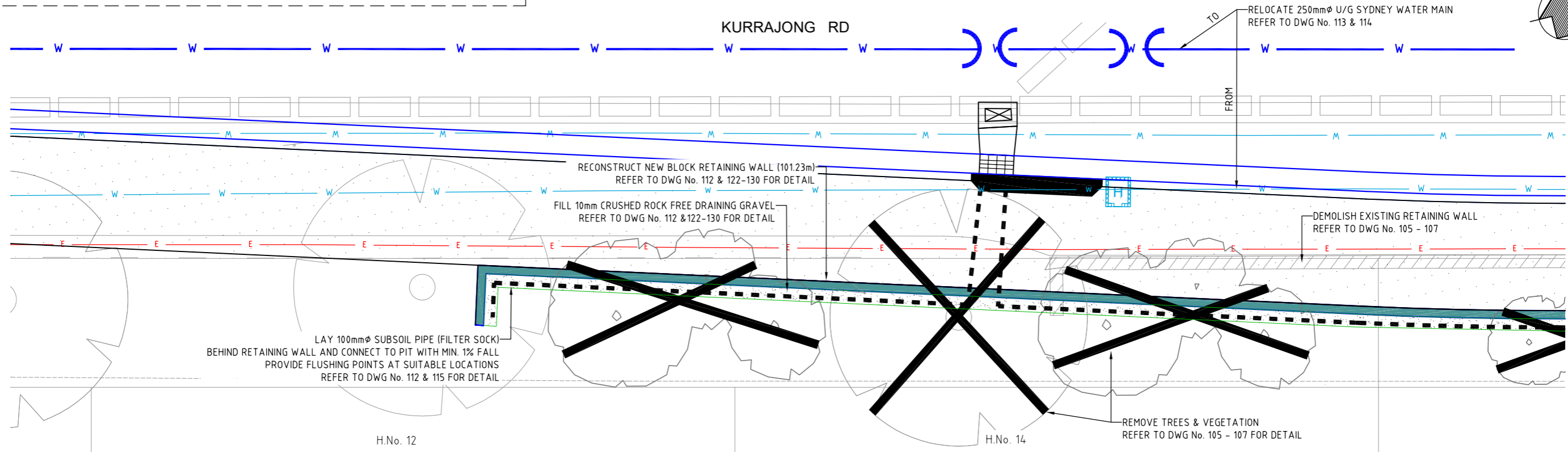
SURVEYED D.M./G.B. DATE -	DATUM A.H.D./M.G.A.	DRAWING TITLE KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL
DESIGNED AB DATE 20/12/2023	CHECKED DATE -	GENERAL ARRANGEMENT PLAN - SHEET 2 OF 2
DRAWN AB DATE 20/12/2023	CAD FILE XREF:	

JOB No DS2020_046	DWG No 109
SCALES 1:200 @ A1	ISSUE No A
	CONTRACT No

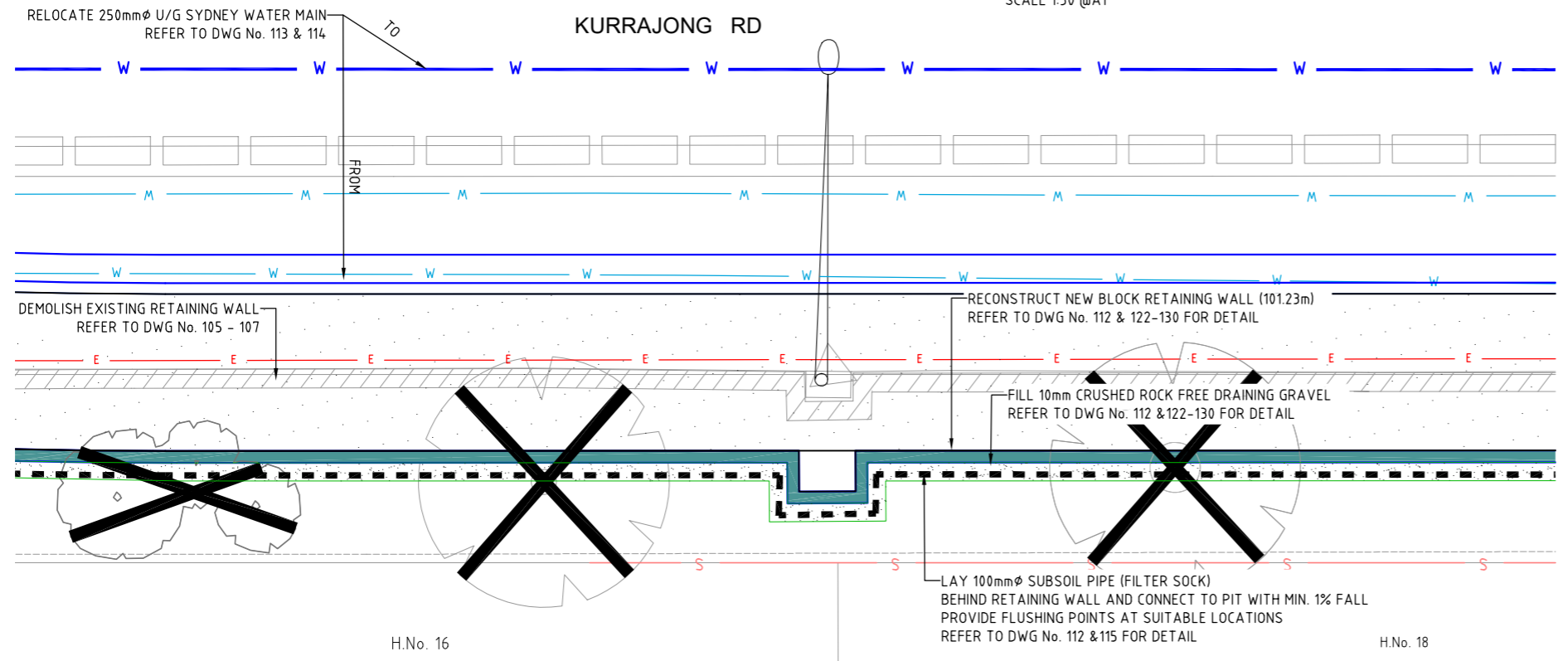
ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	20/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
DATE OF RELEASE	MANAGER-TECHNICAL SUPPORT
DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

NOTE 1:
THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWING PREPARED BY WOOLACOTTS.



PLAN - RETAINING WALL
SCALE 1:50 @A1



PLAN - RETAINING WALL
SCALE 1:50 @A1

CONSTRUCT BLOCK RETAINING WALL	
FILL 10mm CRUSHED ROCK FREE DRAINING GRAVEL	
LAY 100mmØ SUBSOIL PIPE FILTER SOCKS & CONNECT TO PIT	
REMOVE & DISPOSE EXISTING TREE	
REMOVE & DISPOSE EXISTING VEGETATION	
RECONSTRUCT CONCRETE SHARED PATH / FOOTPATH	



UNLESS DETAILED ON THIS DRAWING
ALL WORK SHALL CONFORM TO



LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (08) 36 2170 Fax (02) 9821 9333

DETAIL DESIGN

SURVEYED	D.M./G.B.	DATUM	A.H.D./M.G.A.
DATE	DATE	CHECKED	DATE
DESIGNED	AB	DATE	20/12/2023
DATE	20/12/2023	DRAWN	AB
DATE	20/12/2023	DATE	20/12/2023

DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
BLOCK RETAINING WALL
PLAN - BLOCK RETAINING WALL

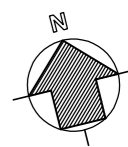
JOB No	DS2020_046	DWG No	110
ISSUE No	A	CONTRACT No	
SCALES	1:100 @ A1		

File E:\DESIGN\085\1318\2023_1146_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\1318_1146_DESIGN_WIDENING_ONLY_OPTION 2.dwg
Plotted: 22/12/2024 4:23:02 PM

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
DATE OF RELEASE	MANAGER-TECHNICAL SUPPORT
DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	20/12/2023	DETAIL DESIGN	AB			

NOTE 1:
THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWING PREPARED BY WOOLACOTTS.



KURRAJONG RD

TO
FROM
RELOCATE 250mm ϕ U/G SYDNEY WATER MAIN
REFER TO DWG No.113 & 114 FOR DETAIL

RECONSTRUCT NEW BLOCK RETAINING WALL (101.23m)
REFER TO DWG No. 112 & 122-130 FOR DETAIL

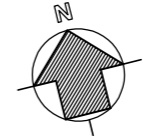
LAY 100mm ϕ SUBSOIL PIPE (FILTER SOCK)
BEHIND RETAINING WALL AND CONNECT TO PIT WITH MIN. 1% FALL
PROVIDE FLUSHING POINTS AT SUITABLE LOCATIONS
REFER TO DWG No. 112 & 115 FOR DETAIL

FILL 10mm CRUSHED ROCK FREE DRAINING GRAVEL
REFER TO DWG No. 112 & 122-130 FOR DETAIL

REMOVE TREES
REFER TO DWG No. 105 - 107 FOR DETAIL

PLAN - RETAINING WALL
SCALE 1:50 @A1

KURRAJONG RD



RECONSTRUCT NEW BLOCK RETAINING WALL (101.23m)
REFER TO DWG No. 112 & 122-130 FOR DETAIL

FILL 10mm CRUSHED ROCK FREE DRAINING GRAVEL
REFER TO DWG No. 112 & 122-130 FOR DETAIL

LAY 100mm ϕ SUBSOIL PIPE (FILTER SOCK)
BEHIND RETAINING WALL AND CONNECT TO PIT WITH MIN. 1% FALL
PROVIDE FLUSHING POINTS AT SUITABLE LOCATIONS
REFER TO DWG No. 112 & 115 FOR DETAIL

PLAN - RETAINING WALL
SCALE 1:50 @A1

CONSTRUCT BLOCK RETAINING WALL	
FILL 10mm CRUSHED ROCK FREE DRAINING GRAVEL	
LAY 100mm ϕ SUBSOIL PIPE FILTER SOCKS & CONNECT TO PIT	
REMOVE & DISPOSE EXISTING TREE	
REMOVE & DISPOSE EXISTING VEGETATION	
RECONSTRUCT CONCRETE SHARED PATH / FOOTPATH	



UNLESS DETAILED ON THIS DRAWING
ALL WORK SHALL CONFORM TO



File E:\DESIGN\085\1318\2023_114_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\21210_114_DESIGN_WIDENING_ONLY_OPTION 2.dwg

Plotted: 22/12/2024, 4:23:53 PM

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

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Ph (08) 36 2170 Fax (02) 9821 9333

DETAIL DESIGN

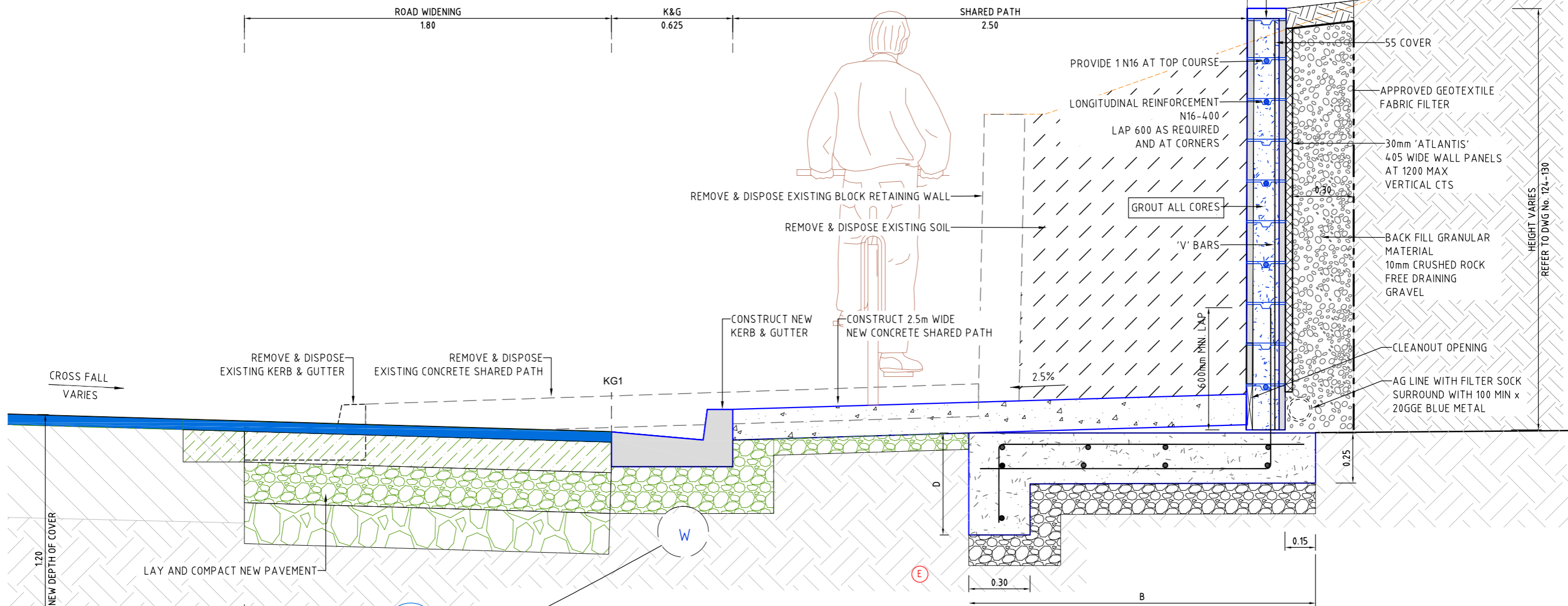
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DATE	-	CHECKED	-
DESIGNED	AB	DATE	20/12/2023
DATE	20/12/2023	CAD FILE	-
DRAWN	AB	DATE	24/12/2023
DATE	24/12/2023	XREF:	-

DRAWING TITLE
**KURRAJONG RD & MOWBRAY ST, PRESTONS
BLOCK RETAINING WALL**
PLAN - BLOCK RETAINING WALL

JOB No	DS2020_046	DWG No	111
ISSUE No	A	CONTRACT No	
SCALES	1:100 @ A1		

NOTE 1:
THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWING PREPARED BY WOOLACOTTS.

CONSTRUCT NEW BLOCK RETAINING WALL REFER TO DWG No 110-112 & 122-130 FOR DETAIL
DO NOT DISTURB EXISTING FENCE ALONG PROPERTY BOUNDARY



TYPICAL SECTION - BLOCK RETAINING WALL
SCALE 1:10 @A1

BLOCK RETAINING WALL				
FOOTING DIMENSIONS & REINFORCEMENT				
No.	H	B	D (MINIMUM)	V - BARS
1	800	750	250	N12 - 4.00
2	1000	750	250	N12 - 4.00
3	1200	800	250	N12 - 4.00
4	1400	1000	250	N16 - 4.00
5	1600	1200	350	N16 - 4.00
6	1800	1450	450	N16 - 4.00
7	2000	1700	550	N16 - 200

NOTE 2:
1. PROVIDE VERTICAL CONTROL JOINTS AT 12m MAX CTS. (6m MAX FROM CORNERS) USING A 10mm BITUMEN IMPREGMENTED FIBREBOARD SEPARATOR. TERMINATE HORIZONTAL REINFORCEMENT EACH SIDE OF JOINT, 50mm END COVER.

WARNING:
UNDERTAKE SPECIAL CARE TO PROTECT THE EXISTING FENCE ON SOUTHERN SIDE ALONG THE PROPERTY BOUNDARY. IMPLEMENT APPROPRIATE CONSTRUCTION METHODOLOGY & SAFEGUARDS TO PROTECT INTERNAL PROPERTIES DURING CONSTRUCTION OF RETAINING WALL.



UNLESS DETAILED ON THIS DRAWING ALL WORK SHALL CONFORM TO **AUS VSP**



File E:\DESIGN\085\1318\2023_144_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\1318_144_DESIGN_WIDENING_ONLY_OPTION 2.dwg
Plotted: 22/12/2024 4:25:37 PM

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

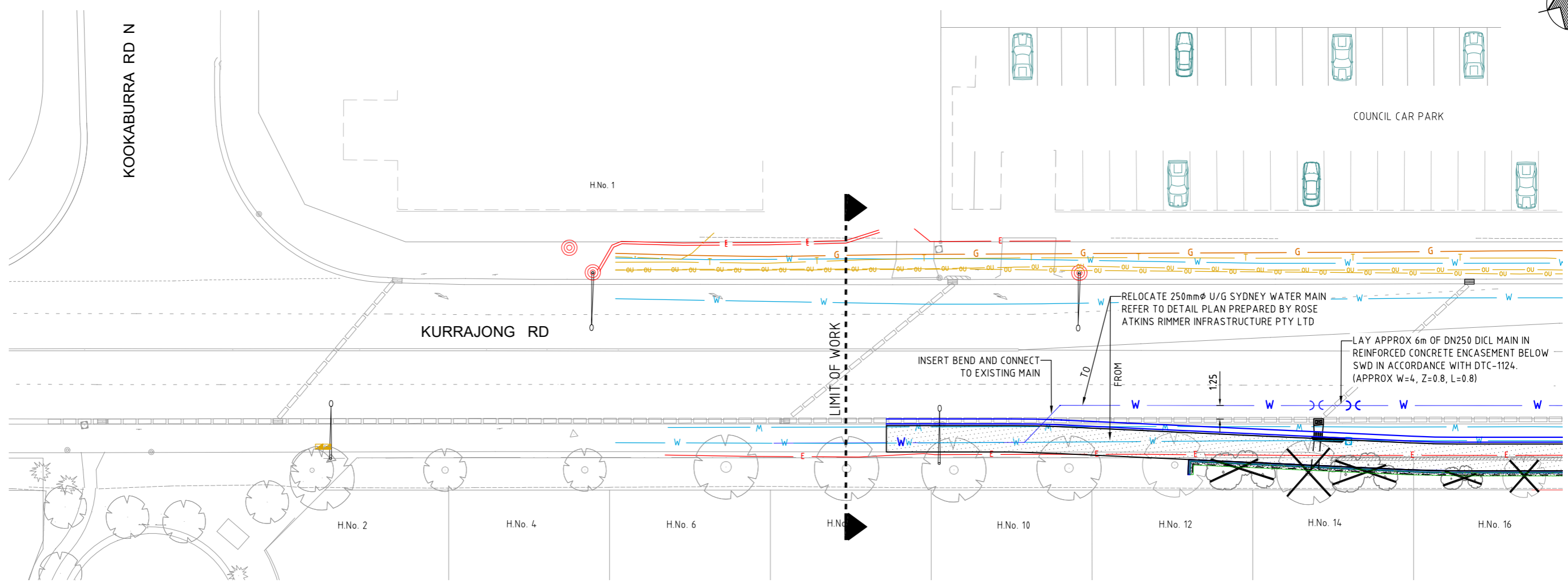
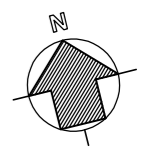
LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (08) 36 2170 Fax (02) 9821 9333

DETAIL DESIGN

DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

BLOCK RETAINING WALL - TYPICAL SECTION & DETAILS

JOB No DS2020_046	DWG No 112
SCALES 1:10 @ A1	ISSUE No A
	CONTRACT No



PLAN : SERVICE UTILITIES
SCALE 1:200 @A1

SEE DWG No. 114 FOR CONTINUATION

SERVICE UTILITIES ADJUSTMENT / RELOCATION - SOUTHERN SIDE			
No.	TYPE	SYMBOL / No.	TREATMENT
1	U/G SYDNEY WATER MAIN (250mm)	W	RELOCATE
2	SEWER LINE (225mm Ø PVC)	S	RETAIN
2	O/H POWER POLES	823789 & 823790	RELOCATE
3	ENDEAVOUR ENERGY LINES	E	RETAIN



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File E:\DESIGN\085\1318\2023_114_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\1318_114_44 DESIGN WIDENING ONLY_OPTION 2.dwg
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ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

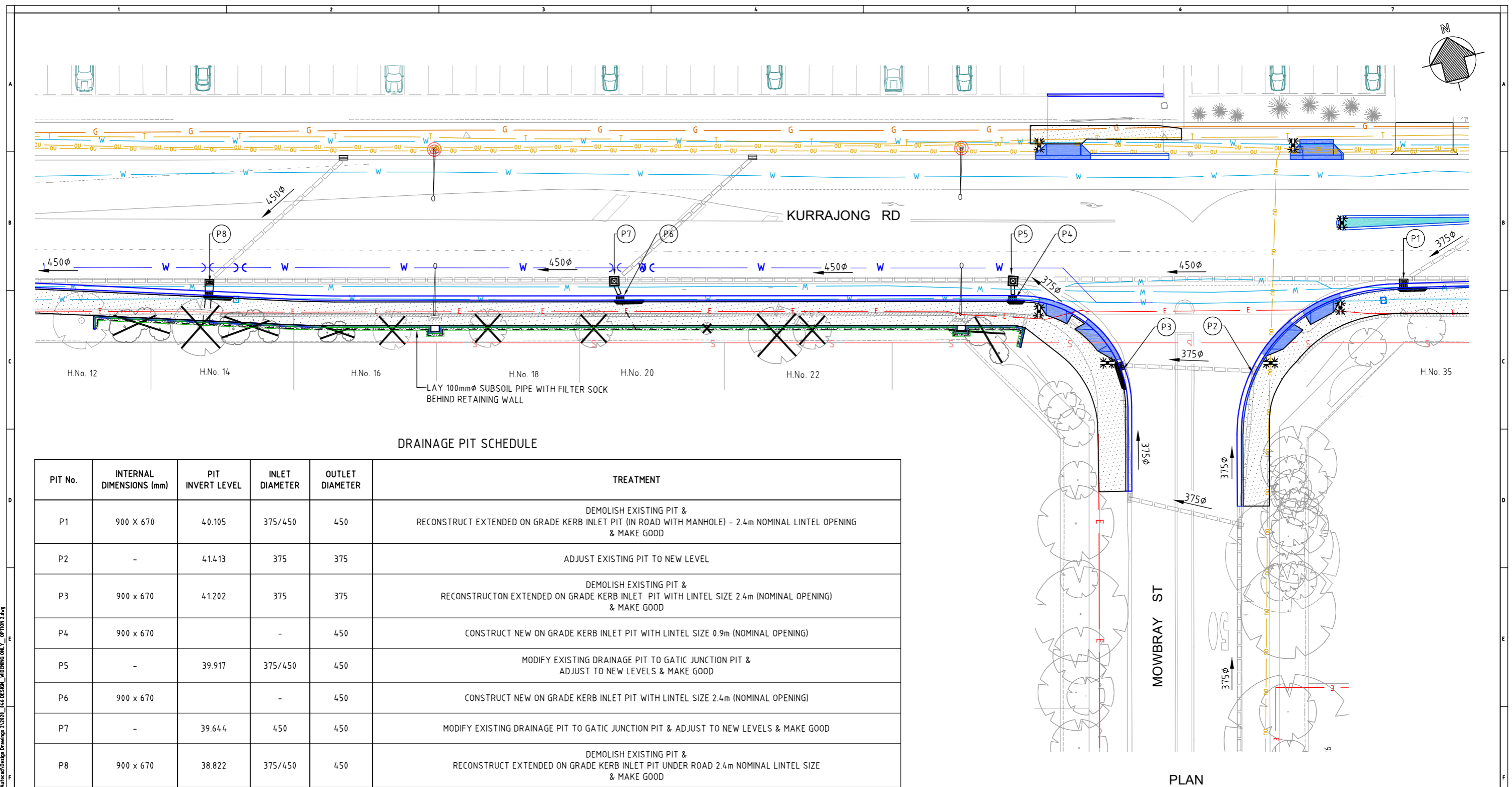
LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN

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DETAIL DESIGN

SURVEYED D.M./G.B. DATE -	DATUM A.H.D./M.G.A.
DESIGNED AB DATE 20/12/2023	CHECKED DATE -
DRAWN AB DATE 24/12/2023	CAD FILE XREF:

DRAWING TITLE KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL		JOB No DS2020_046	DWG No 113
SERVICE UTILITY ADJUSTMENT PLAN - SHEET 1 OF 2		SCALES 1:200 @ A1	ISSUE No A
		CONTRACT No	



DRAINAGE PIT SCHEDULE

PIT No.	INTERNAL DIMENSIONS (mm)	PIT INVERT LEVEL	INLET DIAMETER	OUTLET DIAMETER	TREATMENT
P1	900 X 670	40.105	375/450	450	DEMOLISH EXISTING PIT & RECONSTRUCT EXTENDED ON GRADE KERB INLET PIT (IN ROAD WITH MANHOLE) - 2.4m NOMINAL LINTEL OPENING & MAKE GOOD
P2	-	41.413	375	375	ADJUST EXISTING PIT TO NEW LEVEL
P3	900 x 670	41.202	375	375	DEMOLISH EXISTING PIT & RECONSTRUCTION EXTENDED ON GRADE KERB INLET PIT WITH LINTEL SIZE 2.4m (NOMINAL OPENING) & MAKE GOOD
P4	900 x 670	-	-	450	CONSTRUCT NEW ON GRADE KERB INLET PIT WITH LINTEL SIZE 0.9m (NOMINAL OPENING)
P5	-	39.917	375/450	450	MODIFY EXISTING DRAINAGE PIT TO GATIC JUNCTION PIT & ADJUST TO NEW LEVELS & MAKE GOOD
P6	900 x 670	-	-	450	CONSTRUCT NEW ON GRADE KERB INLET PIT WITH LINTEL SIZE 2.4m (NOMINAL OPENING)
P7	-	39.644	450	450	MODIFY EXISTING DRAINAGE PIT TO GATIC JUNCTION PIT & ADJUST TO NEW LEVELS & MAKE GOOD
P8	900 x 670	38.822	375/450	450	DEMOLISH EXISTING PIT & RECONSTRUCT EXTENDED ON GRADE KERB INLET PIT UNDER ROAD 2.4m NOMINAL LINTEL SIZE & MAKE GOOD

DRAINAGE PIPE SCHEDULE

PIPE	DESCRIPTION	LENGTH	GRADE	REMARKS
P6 - P7	LAY DN 450mm CLASS 3 STORMWATER REINFORCED CONCRETE PIPE	1.4	2%	
P4 - P5	LAY DN 450mm CLASS 3 STORMWATER REINFORCED CONCRETE PIPE	1.4	2%	

DRAINAGE LEGEND

INSTALL ON GRADE KERB INLET PIT	
INSTALL GATIC JUNCTION PIT	
LAY 450mm CLASS 3 STORMWATER REINFORCED CONCRETE PIPE	
LAY 100mm SUBSOIL PIPE WITH FILTER SOCK	

PLAN
SCALE 1:200 @A1



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File E:\DESIGN\085\131\131\2023_144_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\13120_144_DESIGN_WIDENING_ONLY_OPTION 2.dwg
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DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
24/12/2023	DETAIL DESIGN	AB			

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN

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Ph (08) 36 2170 Fax (02) 9821 9333

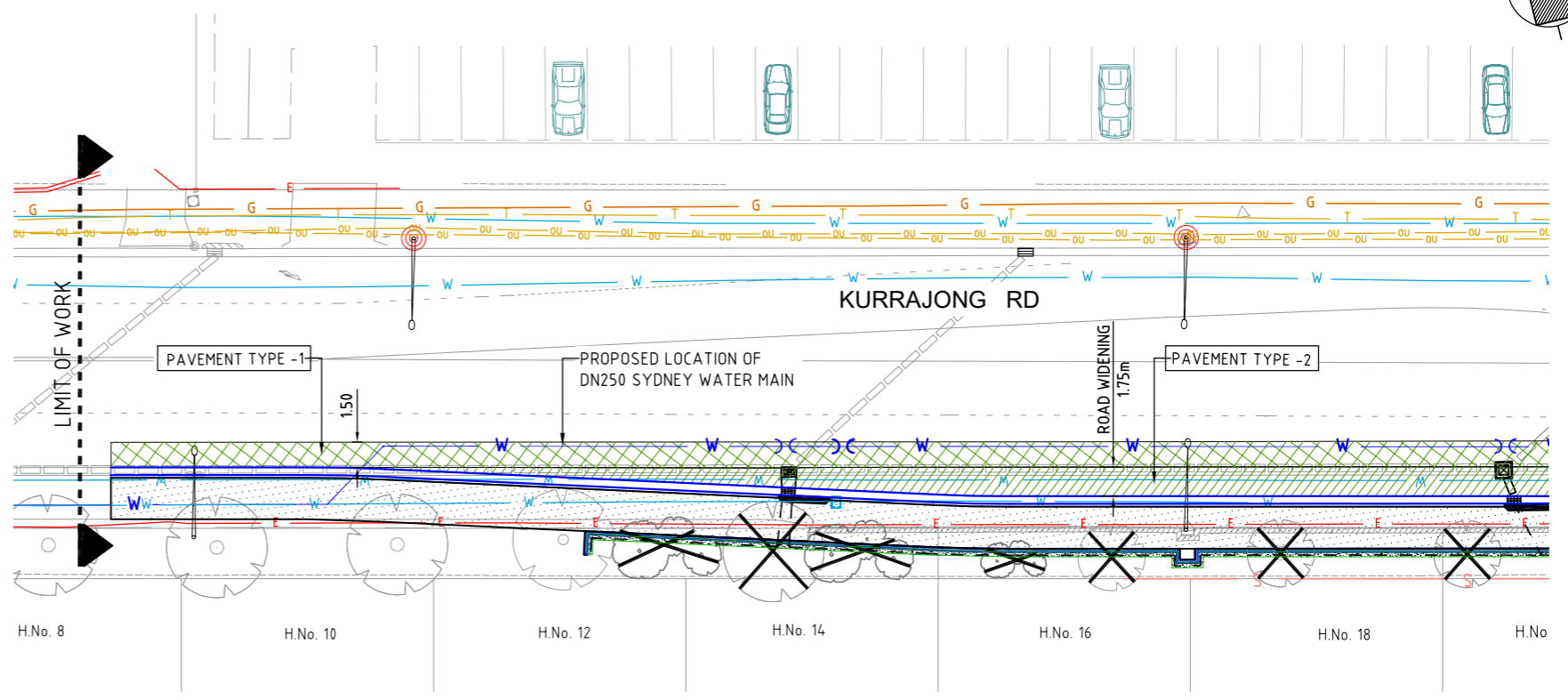
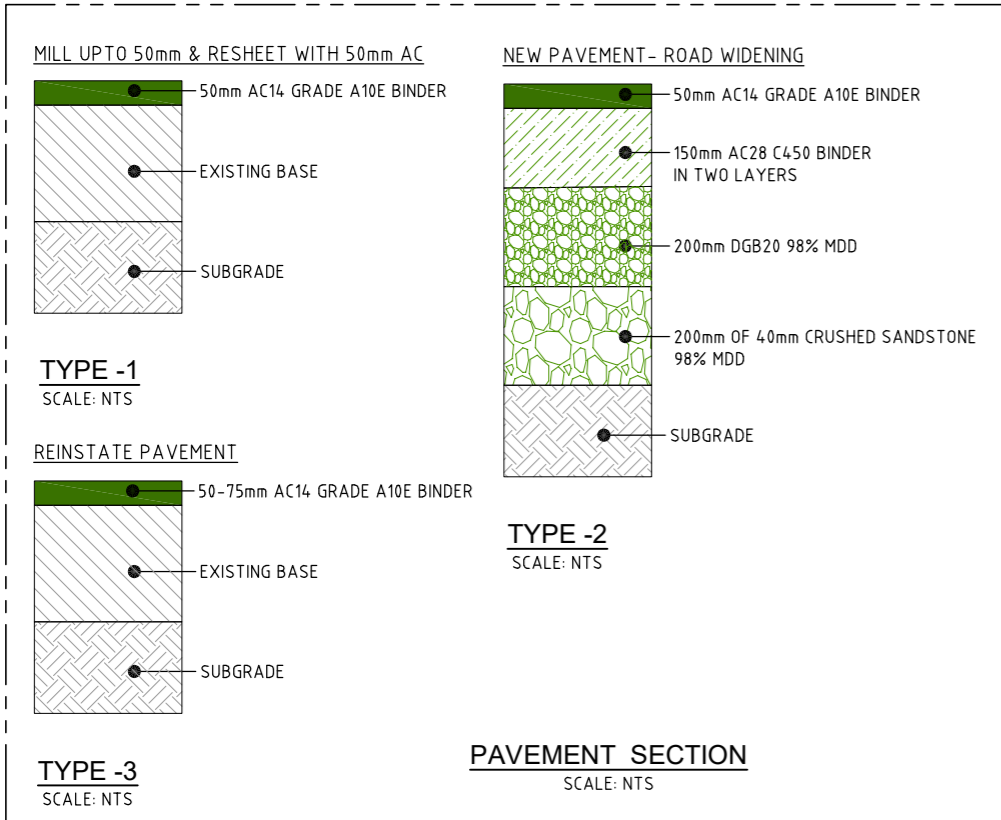
DETAIL DESIGN

SURVEYED	D.M./G.B.	DATUM	A.H.D./M.G.A.
DESIGNED	AB	CHECKED	
DATE	20/12/2023	DATE	
DRAWN	AB	CAD FILE	
DATE	24/12/2023	XREF:	

DRAWING TITLE		JOB No	DWG No
KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL		DS2020_046	115
DRAINAGE PLAN & SCHEDULES		SCALES	ISSUE No
		1:200 @ A1	A
			CONTRACT No

PAVEMENT LEGEND

PAVEMENT TYPE -1 (AREA = 790m ²)	
MILL UPTO 50mm & LAY 50mm AC14 GRADE A10E BINDER	
PAVEMENT TYPE - 2 (AREA = 186m ²)	
NEW PAVEMENT - 50mm AC14 GRADE A10E BINDER, 150mm AC28 C450 BINDER, 200mm DGB20	
PAVEMENT TYPE - 3 (AREA = 157m ²)	
MILL UPTO 50 - 75mm & LAY 50mm AC14 GRADE A10E BINDER	



PAVEMENT PLAN
SCALE 1:200 @A1

NOTE :1 - LANE WIDENING

SUBGRADE: EXCAVATE TO 600mm. ROLL AND COMPACT SUBGRADE TO ACHIEVE A TIGHT DENSE SURFACE. UNDERTAKE A MINIMUM OF 4 COMPACTION TESTS TO MEET 100% STD MDD. NO ADDITIONAL LAYERS ARE TO BE PLACED PRIOR TO REVIEW AND APPROVAL OF DENSITY RESULTS.

SUBBASE 1: PLACE & COMPACT 200mm OF 4.0mm CRUSHED SANDSTONE. DENSITY TESTING IS REQUIRED IN 4 TESTS PER LAYER TO MEET 98% MODIFIED MDD. NO ADDITIONAL LAYERS ARE TO BE PLACED PRIOR TO REVIEW AND APPROVAL OF DENSITY RESULTS.

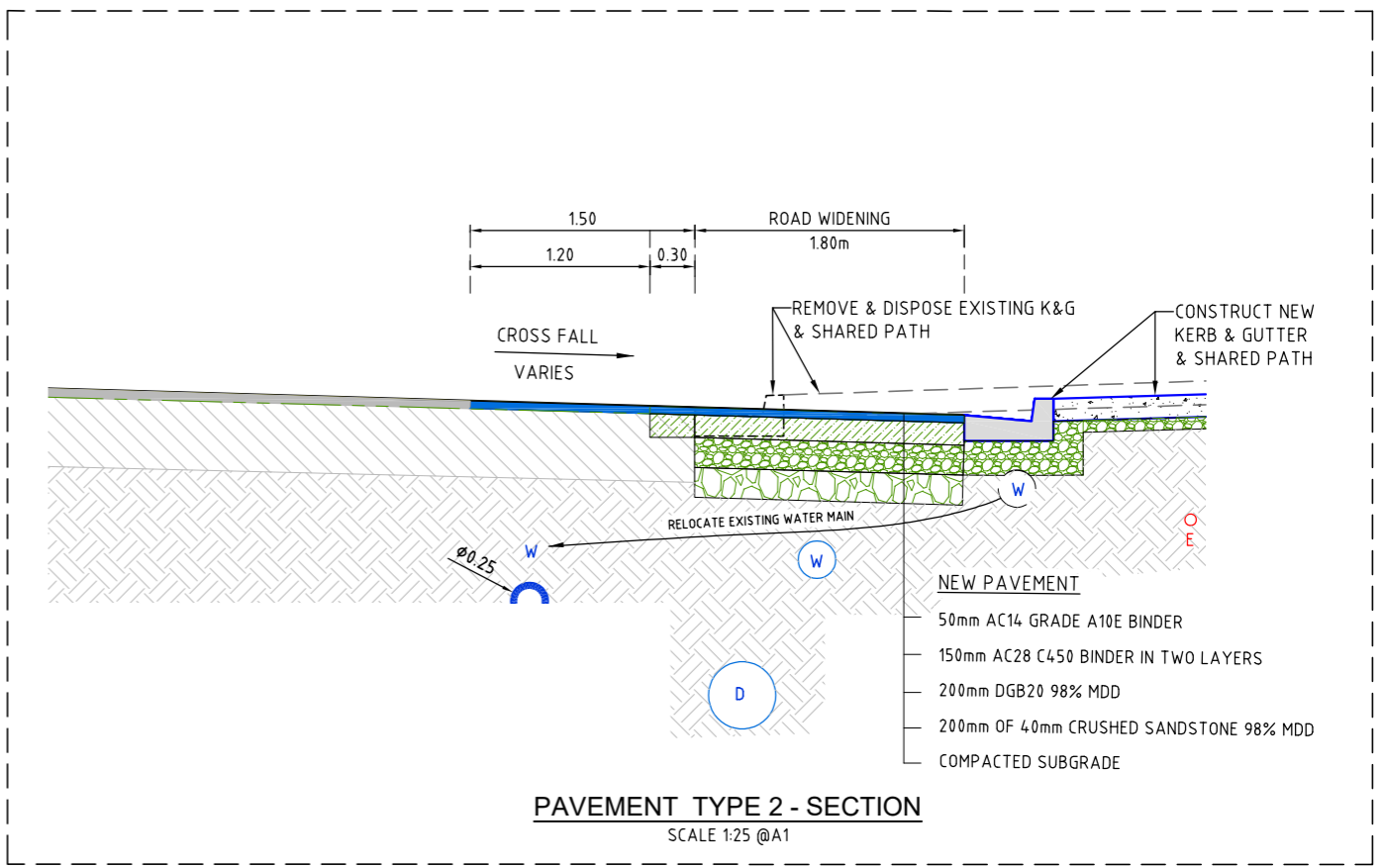
SUBBASE 2: PLACE & COMPACT 200mm DGB20 TO ACHIEVE A TIGHT, DENSE SURFACE. DENSITY TESTING IS REQUIRED ON EACH LAYER (MIN. 4 TESTS PER LAYER) TO MEET 98% MODIFIED MDD. NO ADDITIONAL LAYERS ARE TO BE PLACED PRIOR TO REVIEW AND APPROVAL OF DENSITY RESULTS.

INTERMEDIATE: LAY BITUMEN TACK COAT TO MITIGATE WATER INGRESS INTO SUBBASE. THIS WILL ALSO AID WITH MATERIAL ADHESION.

BASE COURSE: PLACE & COMPACT 150mm AC28 (C450 BINDER) - FINISH 50mm BELOW LIP OF GUTTER

INTERMEDIATE: LAY BITUMEN TACK COAT PRIOR TO PLACING WEARING COURSE.

WEARING COURSE: PLACE & COMPACT 50mm AC14 (GRADE A10E BINDER)



PAVEMENT TYPE 2 - SECTION
SCALE 1:25 @A1



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File G:\DESIGN\085\1318\2023_144_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\2\2023_144_DESIGN_WIDENING ONLY_OPTION 2.dwg
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SEE DWG No. 117 FOR CONTINUATION

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
DATE OF RELEASE	MANAGER-TECHNICAL SUPPORT
DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

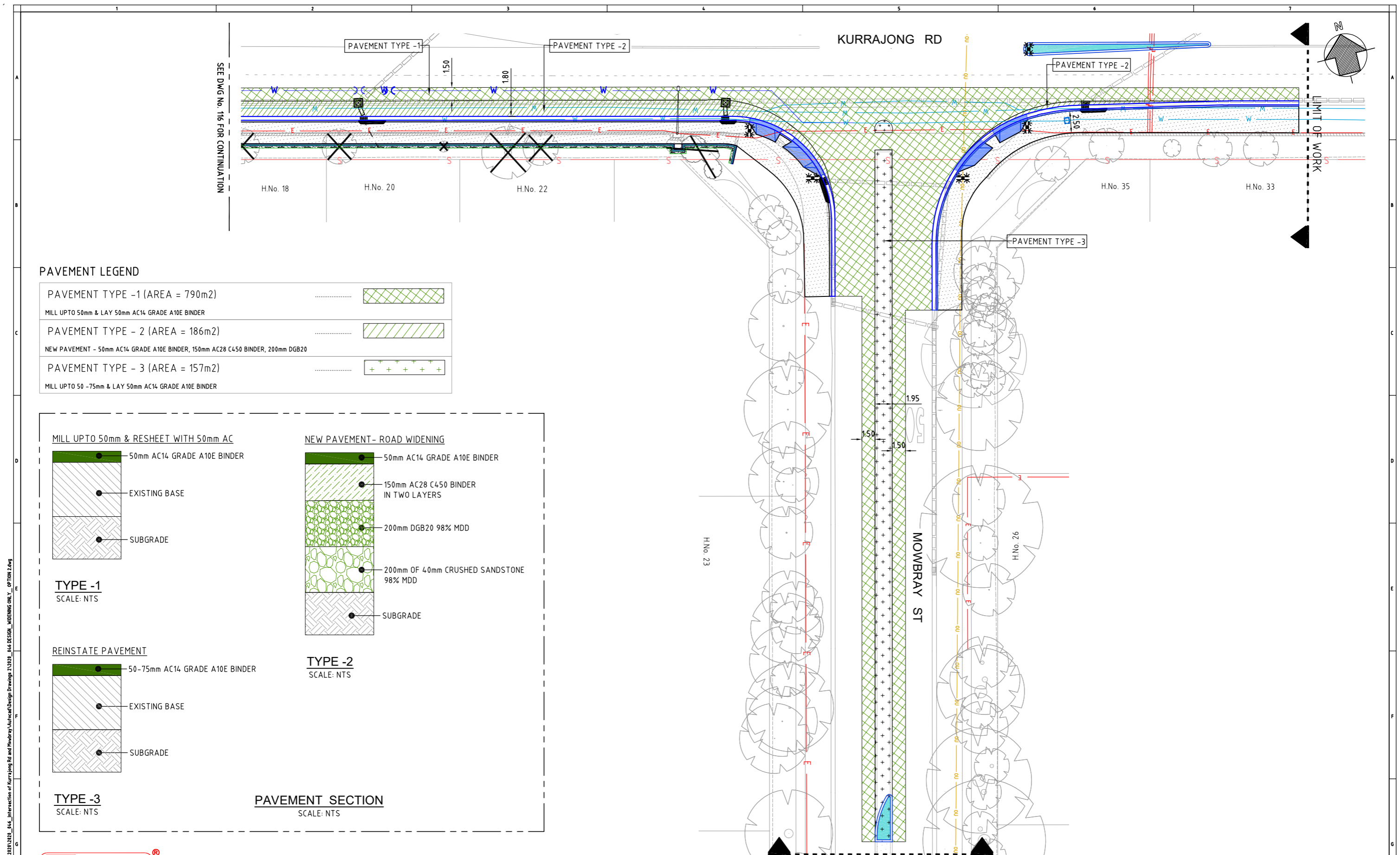
LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN

GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (0) 2 96 2170 Fax (0) 2 96 21 9333

DETAIL DESIGN

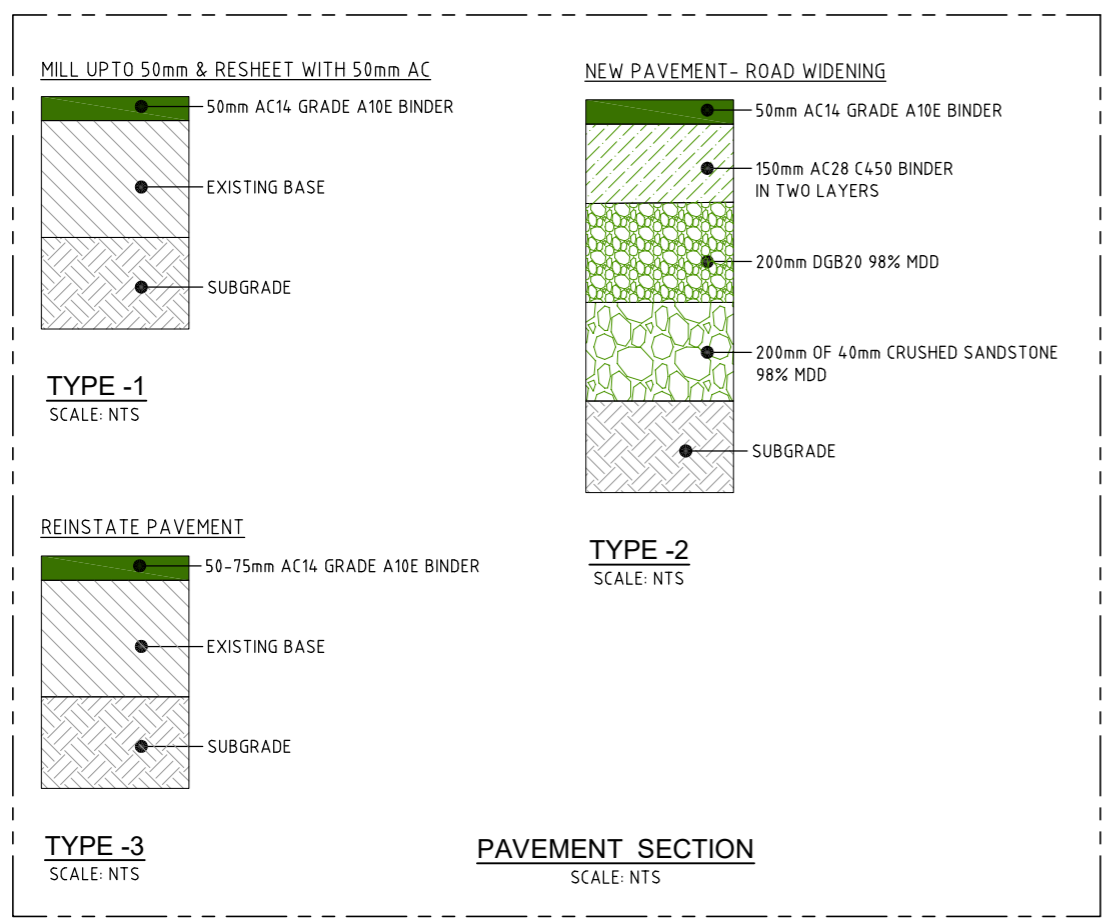
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DATE -	CHECKED
DESIGNED AB	DATE -
DATE 20/12/2023	CAD FILE
DRAWN AB	XREF:
DATE 24/12/2023	

DRAWING TITLE KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL	JOB No DS2020_046	DWG No 116
PAVEMENT PLAN - SHEET 1 OF 2	SCALES 1:200 @ A1	ISSUE No A
		CONTRACT No



PAVEMENT LEGEND

PAVEMENT TYPE -1 (AREA = 790m ²) MILL UPTO 50mm & LAY 50mm AC14 GRADE A10E BINDER	
PAVEMENT TYPE - 2 (AREA = 186m ²) NEW PAVEMENT - 50mm AC14 GRADE A10E BINDER, 150mm AC28 C450 BINDER, 200mm DGB20	
PAVEMENT TYPE - 3 (AREA = 157m ²) MILL UPTO 50 -75mm & LAY 50mm AC14 GRADE A10E BINDER	



PAVEMENT PLAN
SCALE 1:200 @A1



UNLESS DETAILED ON THIS DRAWING
ALL WORK SHALL CONFORM TO **AUS V/SPEC**



File E:\DESIGN\085\1318\2023_1144_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\1144_444 DESIGN_WIDENING ONLY_OPTION 2.dwg
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ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN

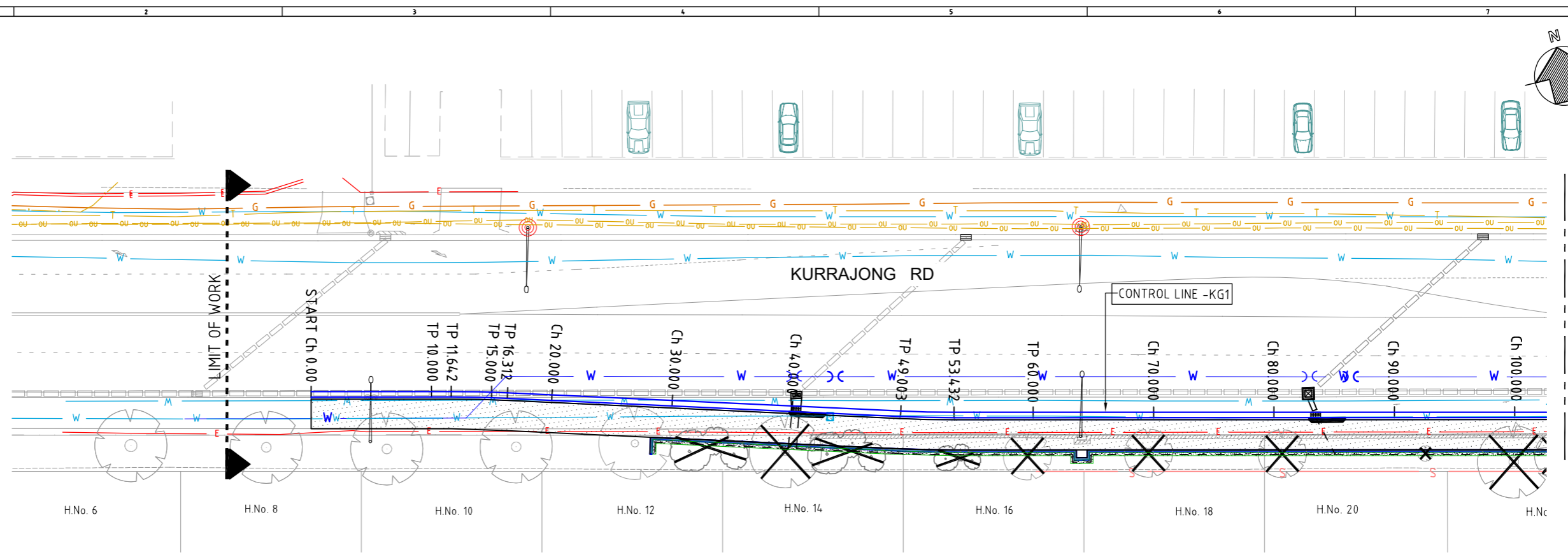
GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (08) 36 2170 Fax (02) 9821 9333

DETAIL DESIGN

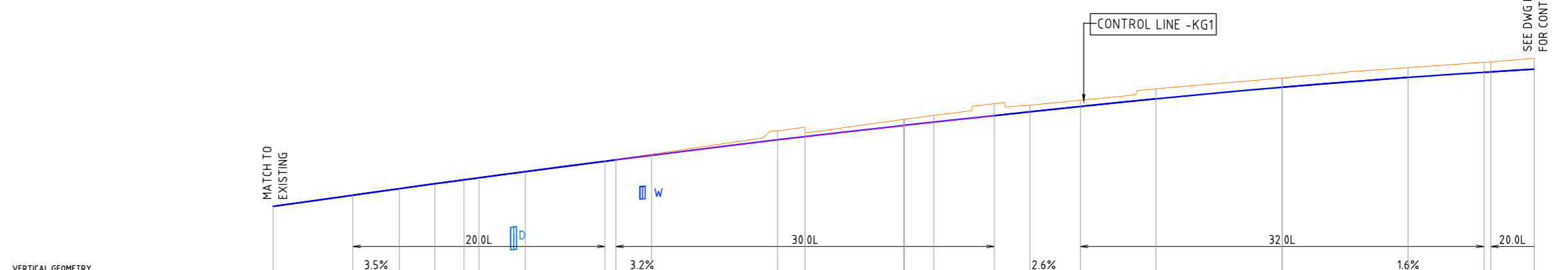
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DATE -	CHECKED
DESIGNED AB	DATE -
DATE 20/12/2023	CAD FILE
DRAWN AB	XREF:
DATE 24/12/2023	

DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
 INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL
 PAVEMENT PLAN - SHEET 2 OF 2

JOB No DS2020_046	DWG No 117
SCALES 1:200 @ A1	ISSUE No A
	CONTRACT No



PLAN: CONTROL LINE - KG1
SCALE 1:200 @A1



CHAINAGE	EXISTING SURFACE LEVELS	CUT (-ve)/ FILL (+ve) DEPTHS	ALONG LIP OF K&G	DESIGN LEVELS - KG1
0.000	39.296	0	39.296	39.296
6.312	39.518	0	39.518	39.518
10.000	39.647	0	39.647	39.647
12.813	39.745	-0.001	39.744	39.744
15.141	39.823	0	39.823	39.823
16.312	39.860	0.002	39.862	39.862
20.000	39.978	0.008	39.985	39.985
26.312	40.193	-0.002	40.191	40.191
27.179	40.225	-0.006	40.219	40.219
30.000	40.329	-0.02	40.309	40.309
40.000	40.796	-0.181	40.615	40.615
42.179	40.769	-0.09	40.680	40.680
50.000	41.021	-0.118	40.903	40.903
50.056	41.023	-0.119	40.904	40.904
52.380	41.100	-0.131	40.968	40.968
57.179	41.332	-0.235	41.097	41.097
60.000	41.302	-0.13	41.171	41.171
64.020	41.399	-0.122	41.278	41.278
70.000	41.627	-0.198	41.430	41.430
80.000	41.841	-0.183	41.658	41.658
80.020	41.842	-0.183	41.658	41.658
90.000	42.047	-0.193	41.854	41.854
96.020	42.154	-0.198	41.956	41.956
96.568	42.163	-0.198	41.965	41.965
100.000	42.231	-0.212	42.018	42.018

LONGITUDINAL SECTION - KG1
Horiz. Scale 1:200 @ A1
Vert. Scale 1:50 @ A1



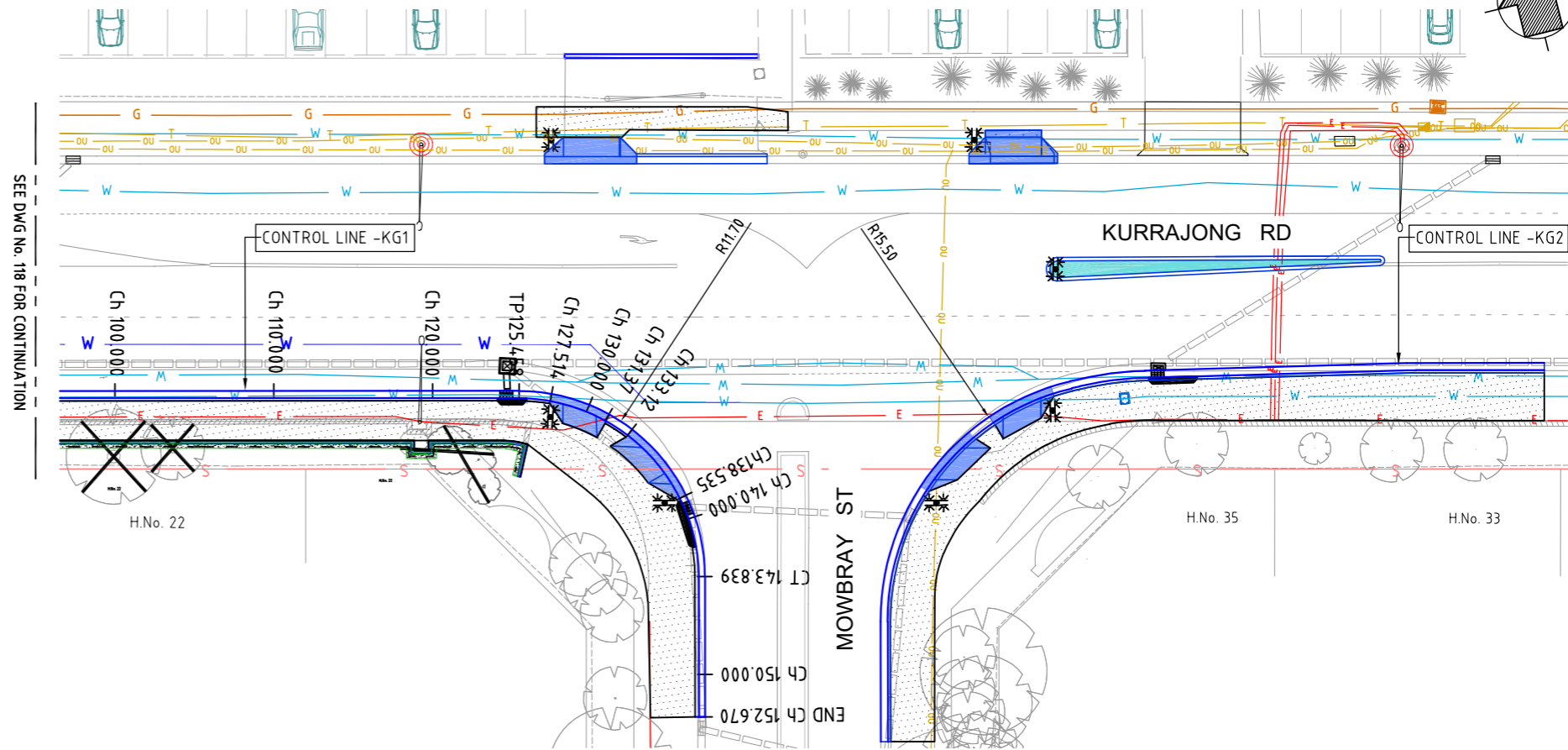
UNLESS DETAILED ON THIS DRAWING ALL WORK SHALL CONFORM TO **AUS V/SPEC**



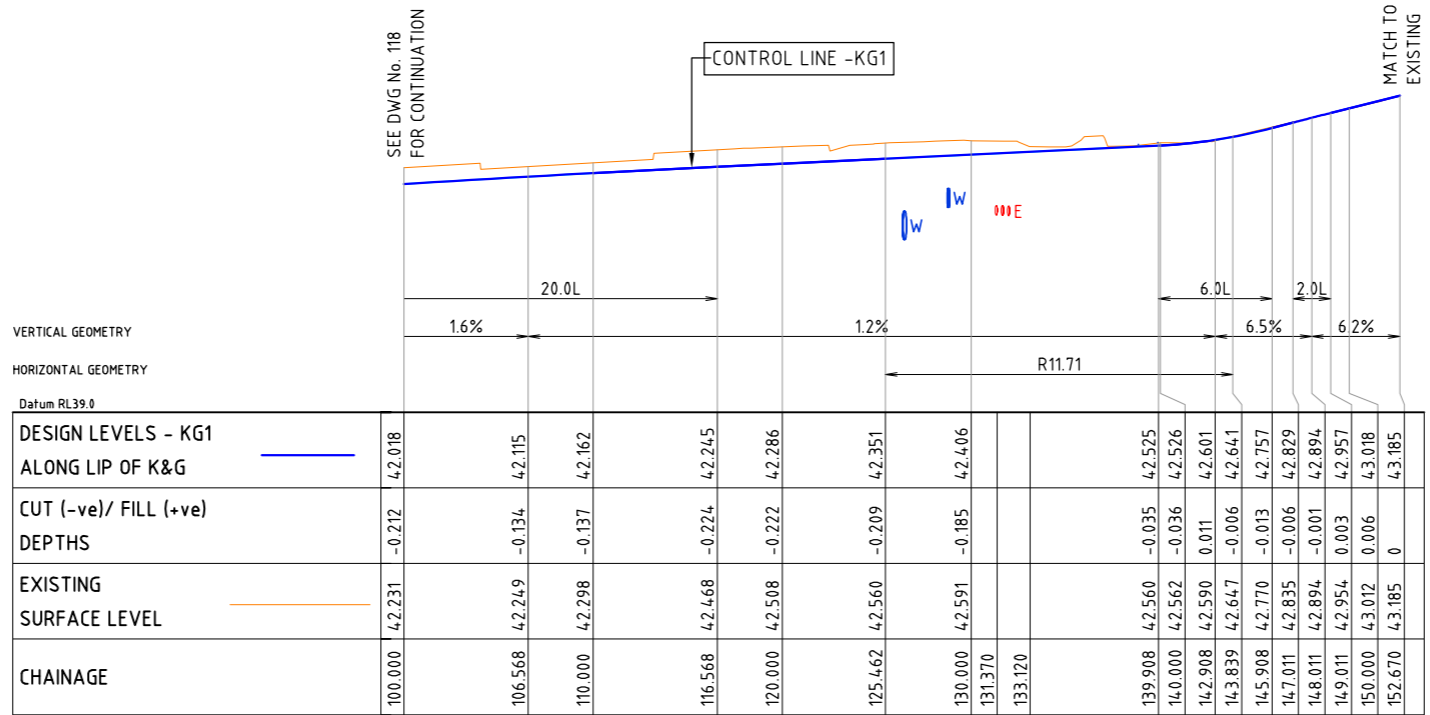
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Plotted: 22/12/2024, 4:34:02 PM

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170 Ph (0) 36 2170 Fax (0) 9821 9333		SURVEYED D.M./G.B. DATE - DESIGNED AB DATE 20/12/2023 DRAWN AB DATE 20/12/2023	DATUM A.H.D./M.G.A. CHECKED DATE - CAD FILE XREF:	DRAWING TITLE KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL KG1- PLAN & LONGITUDINAL SECTION - Ch 0 TO 100	JOB No DS2020_046 SCALES 1:200 & 1:50 @ A1	DWG No 118 ISSUE No A CONTRACT No
DATE OF COMPLETION DATE OF RELEASE DATE OF ACCEPTANCE DATE OF RELEASE	COORDINATOR INVESTIGATIONS & DESIGN MANAGER-TECHNICAL SUPPORT PROJECT ENGINEER MANAGER - TRAFFIC & TRANSPORT	DETAIL DESIGN				



PLAN : CONTROL LINE - KG1
SCALE 1:200 @A1



LONGITUDINAL SECTION - KG1

Horiz. Scale 1:200 @ A1
Vert. Scale 1:50 @ A1



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ALL WORK SHALL CONFORM TO **AUS V/SPEC**



File G:\DESIGN\085\1318\2023_144_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings\2120_144 DESIGN_WIDENING ONLY_OPTION 2.dwg

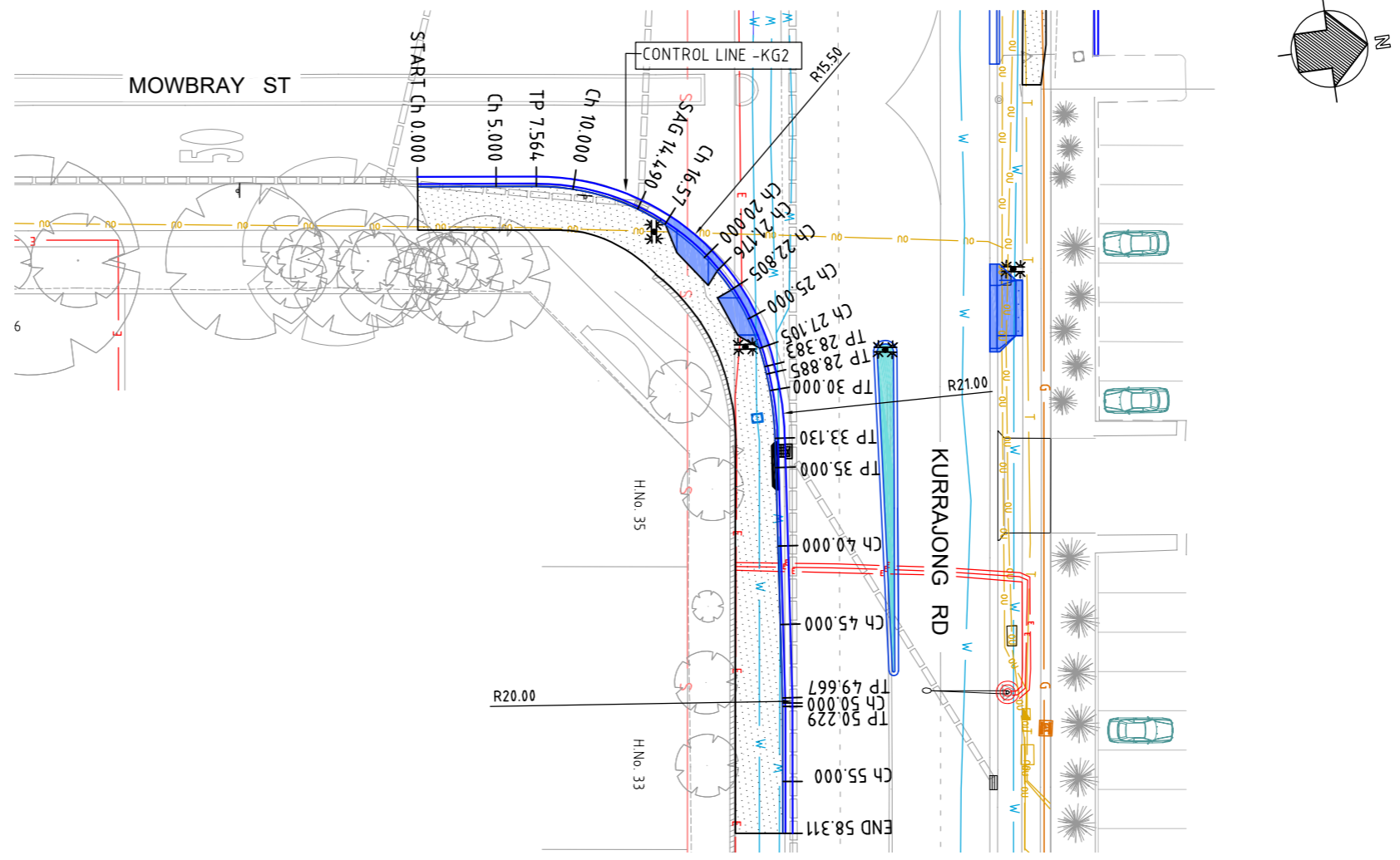
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DATE OF COMPLETION		COORDINATOR INVESTIGATIONS & DESIGN		LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN		SURVEYED		DATUM		DRAWING TITLE		JOB No		DWG No	
DATE OF RELEASE		MANAGER-TECHNICAL SUPPORT		GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170		DATE		A.H.D./M.G.A.		KURRAJONG RD & MOWBRAY ST, PRESTONS		DS2020_046		119	
DATE OF ACCEPTANCE		PROJECT ENGINEER		Ph 1500 36 2170 Fax (02) 9821 9333		DESIGNED		CHECKED		INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL		SCALES		ISSUE No	
DATE OF RELEASE		MANAGER - TRAFFIC & TRANSPORT				DATE		DATE		KG1 - PLAN & LONGITUDINAL SECTION - Ch 100 TO Ch 152.67		1:200 & 1:50 @ A1		A	
ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER	DATE	DATE	DATE	DATE					

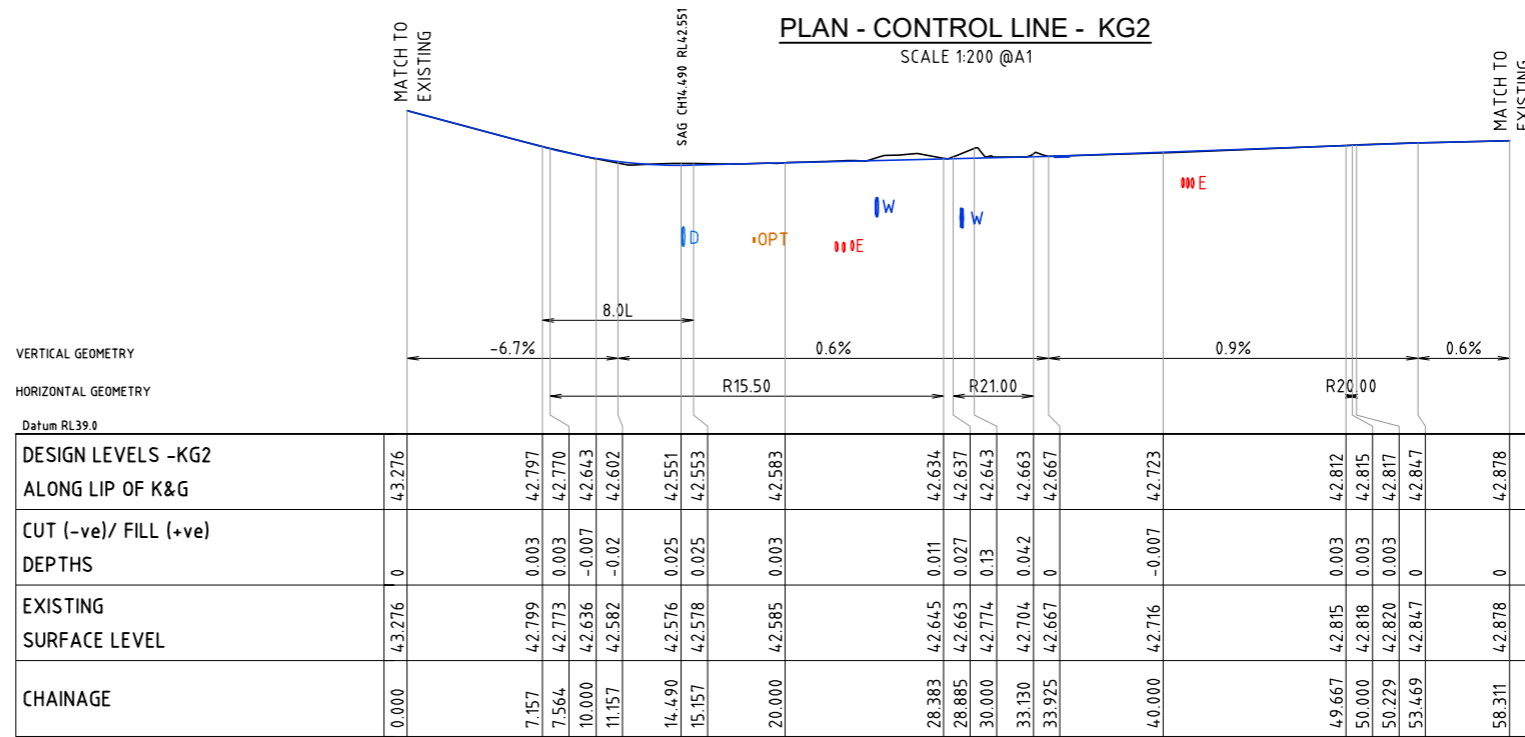
DETAIL DESIGN

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Plot: 22/12/2024 4:36:04 PM



PLAN - CONTROL LINE - KG2
SCALE 1:200 @A1



LONGITUDINAL SECTION - KG2
Horiz. Scale 1:200
Vert. Scale 1:50



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ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (08) 36 2178 Fax (02) 9821 9333

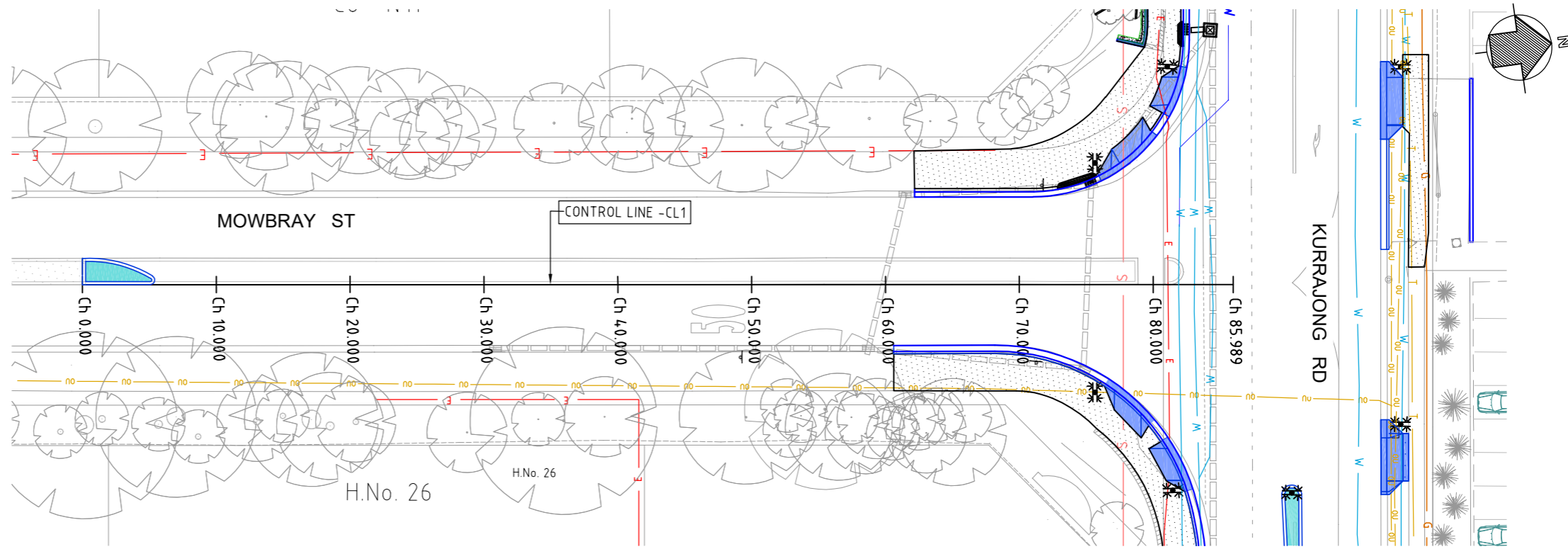
DETAIL DESIGN

SURVEYED D.M./G.B. DATE -	DATUM A.H.D./M.G.A.
DESIGNED AB DATE 20/12/2023	CHECKED DATE -
DRAWN AB DATE 24/12/2023	CAD FILE XREF:

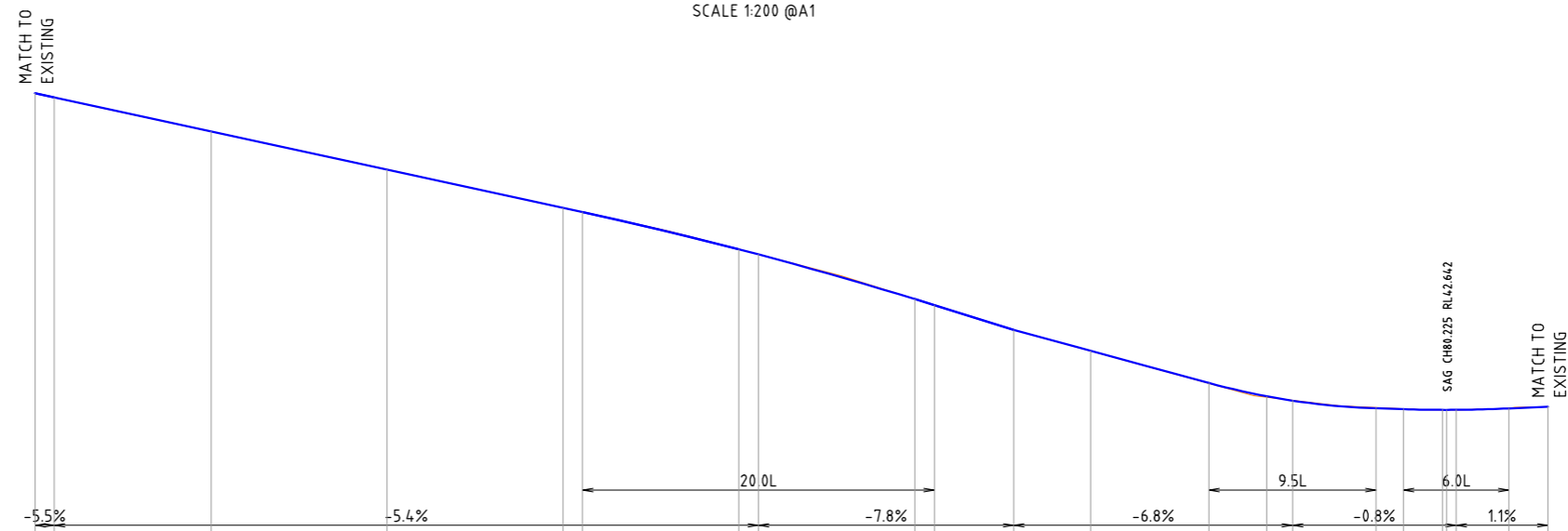
DRAWING TITLE KURRAJONG RD & MOWBRAY ST, PRESTONS INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL		JOB No DS2020_046	DWG No 120
SCALE 1:200 & 1:50 @ A1		ISSUE No A	CONTRACT No
DRAWING TITLE KG2 - PLAN & LONGITUDINAL SECTION			

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Plotted: 22/12/2024, 4:37:01 PM



PLAN - CL1
SCALE 1:200 @A1



VERTICAL GEOMETRY
HORIZONTAL GEOMETRY

Datum RL4.0.0

CHAINAGE	EXISTING SURFACE LEVELS	CUT (-ve)/ FILL (+ve) DEPTHS	DESIGN PAVEMENT LEVELS ALONG CONTROL LINE - CL1
0.000	4.7.14.6	0	4.7.14.6
1.089	4.7.08.6	0	4.7.08.6
10.000	4.6.6.0	-0.002	4.6.6.0
20.000	4.6.0.6	0.001	4.6.0.5
30.000	4.5.5.4	-0.002	4.5.5.6
31.114	4.5.4.5	-0.003	4.5.4.5
40.000	4.4.9.2	0	4.4.9.2
41.114	4.4.8.3	0.001	4.4.8.2
50.000	4.4.2.8	0.001	4.4.2.7
51.114	4.4.1.3	-0	4.4.1.3
55.626	4.3.7.7	0	4.3.7.7
60.000	4.3.4.7	-0.002	4.3.4.8
66.718	4.3.0.9	-0.006	4.3.0.2
70.000	4.2.8.2	-0.013	4.2.8.3
71.468	4.2.7.7	0.005	4.2.7.7
76.218	4.2.6.7	0.01	4.2.6.6
77.771	4.2.6.5	0.004	4.2.6.5
80.000	4.2.6.4	-0.002	4.2.6.4
80.225	4.2.6.4	-0.002	4.2.6.4
80.771	4.2.6.3	-0.004	4.2.6.3
83.771	4.2.6.5	0.003	4.2.6.2
85.989	4.2.6.8	0	4.2.6.8

LONGITUDINAL SECTION - CL1

Horiz. Scale 1:200 @ A1
Vert. Scale 1:50 @ A1



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ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
DATE OF RELEASE	MANAGER-TECHNICAL SUPPORT
DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
 GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
 Ph (0)2 36 2170 Fax (0)2 9821 9333

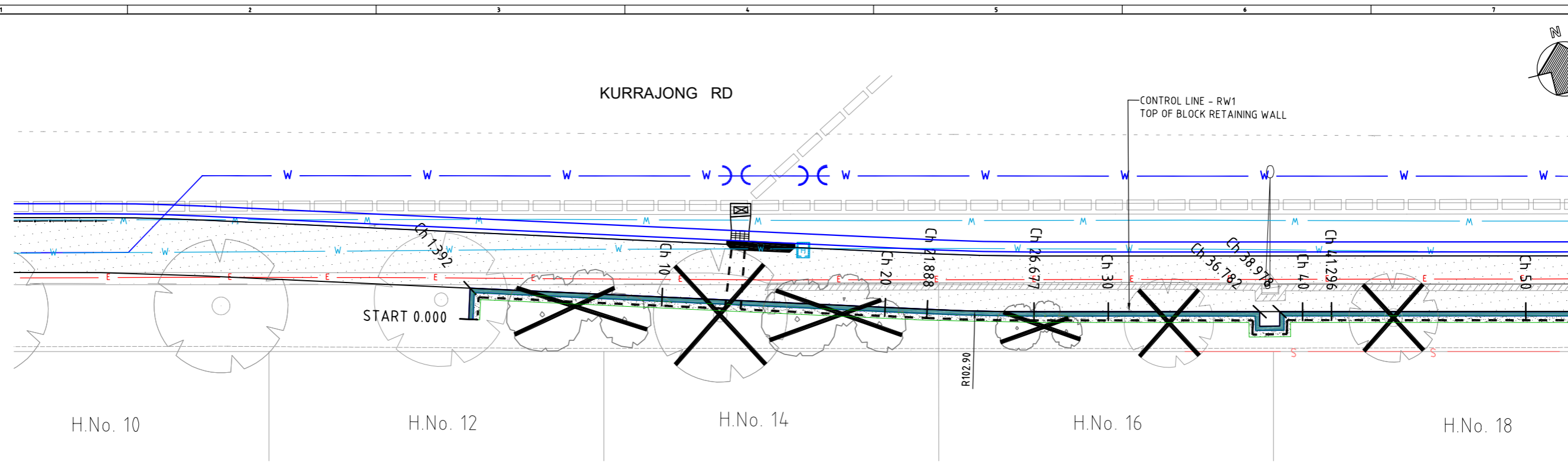
DETAIL DESIGN

SURVEYED	D.M./G.B.	DATUM	A.H.D./M.G.A.
DATE	DATE	CHECKED	DATE
DESIGNED	AB	CAD FILE	XREF
DATE	20/12/2023		
DRAWN	AB		
DATE	24/12/2023		

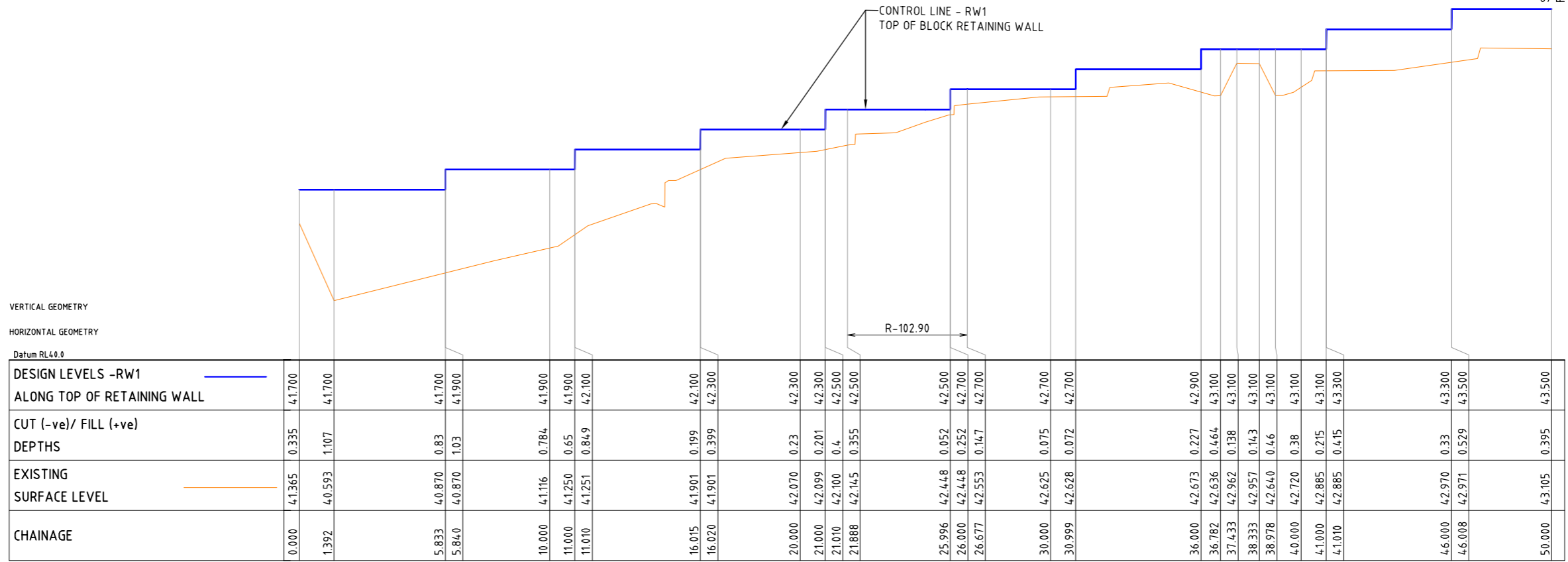
DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
 INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

CL1 - PLAN & LONGITUDINAL SECTION

JOB No	DWG No
DS2020_046	121
SCALES	ISSUE No
1:200 @ A1	A
CONTRACT No	



PLAN - RW1
SCALE 1:100 @A1



VERTICAL GEOMETRY
HORIZONTAL GEOMETRY

Datum RL4.0



UNLESS DETAILED ON THIS DRAWING ALL WORK SHALL CONFORM TO **AUS V/SPEC**



LONGITUDINAL SECTION - RW1
Horiz. Scale 1:100 @ A1
Vert. Scale 1:25 @ A1

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ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
DATE OF RELEASE	MANAGER-TECHNICAL SUPPORT
DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (08) 36 2178 Fax (02) 9821 9333

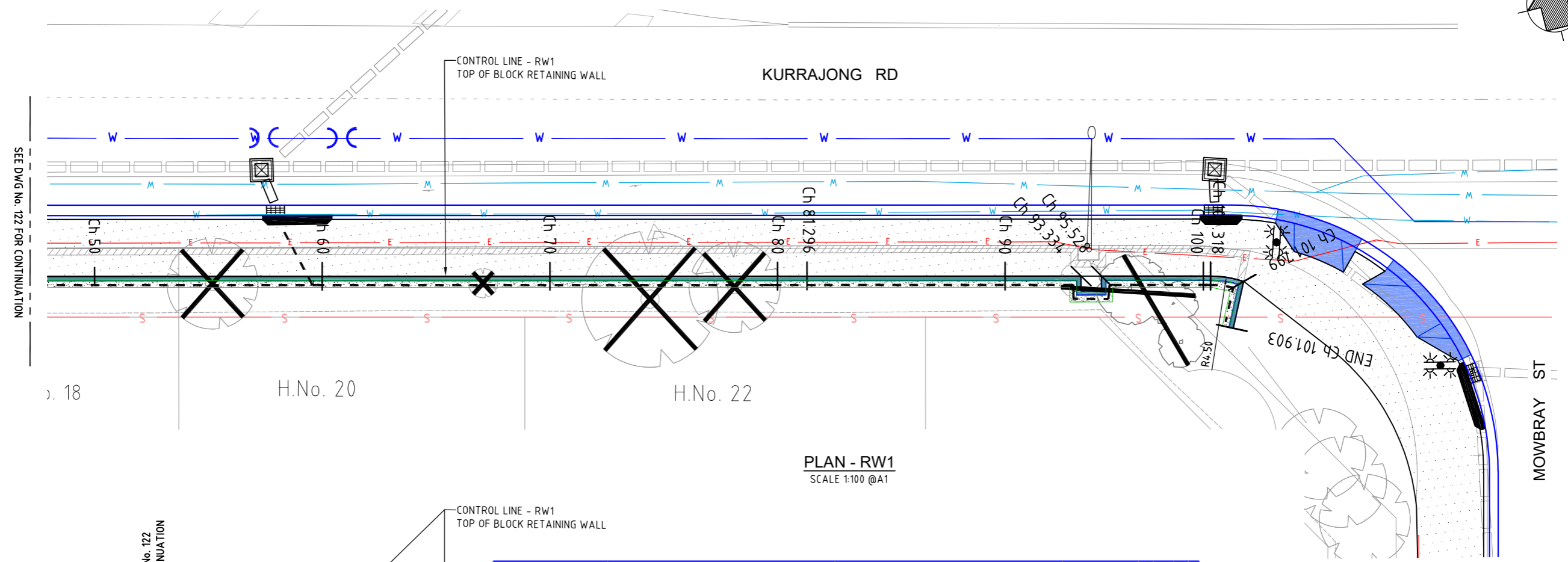
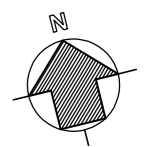
DETAIL DESIGN

SURVEYED D.M./G.B. DATE -	DATUM A.H.D./M.G.A.
DESIGNED AB DATE 20/12/2023	CHECKED DATE -
DRAWN AB DATE 24/12/2023	CAD FILE XREF:

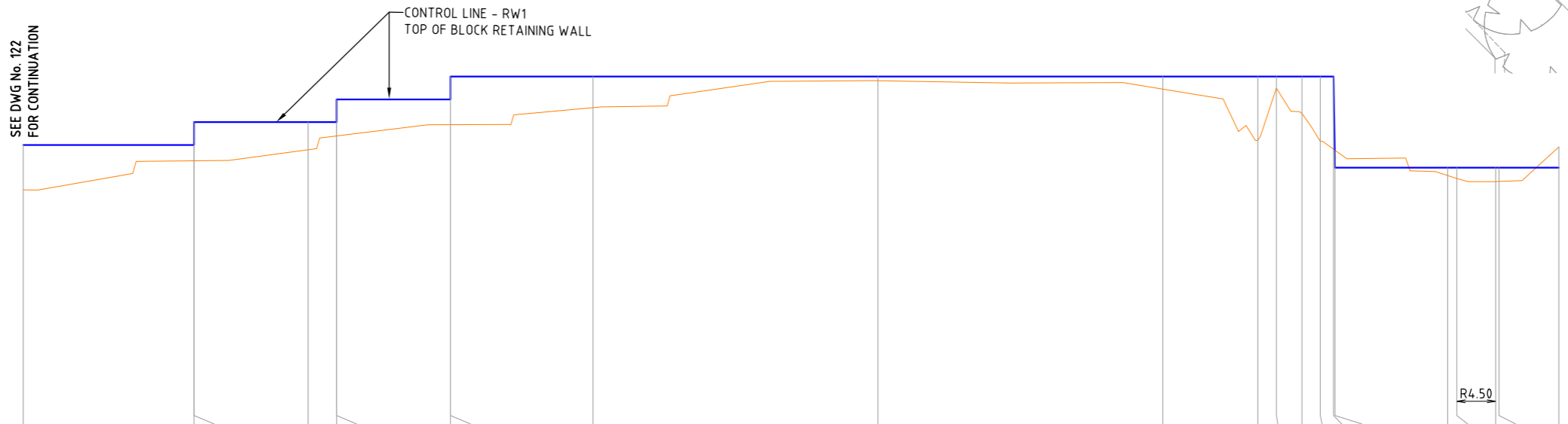
DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

RW1 - PLAN & LONG SECTION - Ch 0 To Ch 50

JOB No DS2020_046	DWG No 122
SCALES 1:200 & 1:50 @ A1	ISSUE No A
	CONTRACT No



PLAN - RW1
SCALE 1:100 @A1



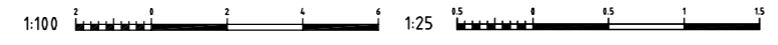
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
Datum RL4.10

CHAINAGE	EXISTING SURFACE LEVEL	CUT (-ve)/ FILL (+ve) DEPTHS	DESIGN LEVELS -RW1 ALONG TOP OF RETAINING WALL
50.000	43.105	0.395	43.500
55.998	43.361	0.139	43.500
56.000	43.361	0.339	43.700
60.000	43.457	0.243	43.700
61.000	43.579	0.121	43.700
61.001	43.579	0.321	43.900
64.997	43.678	0.222	43.900
65.000	43.678	0.422	44.100
70.000	43.828	0.272	44.100
80.000	44.063	0.037	44.100
90.000	43.990	0.11	44.100
93.334	43.540	0.56	44.100
93.984	44.000	0.1	44.100
94.883	43.776	0.324	44.100
95.528	43.532	0.568	44.100
95.997	43.462	0.638	44.100
96.042	43.454	-0.153	43.301
100.000	43.232	0.069	43.300
100.318	43.206	0.094	43.300
101.683	43.179	0.121	43.300
101.799	43.180	0.12	43.300
103.903	43.483	-0.184	43.300

LONGITUDINAL SECTION - RW1
Horiz. Scale 1:200 @ A1
Vert. Scale 1:50 @ A1



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ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

DATE OF COMPLETION	COORDINATOR INVESTIGATIONS & DESIGN
DATE OF RELEASE	MANAGER-TECHNICAL SUPPORT
DATE OF ACCEPTANCE	PROJECT ENGINEER
DATE OF RELEASE	MANAGER - TRAFFIC & TRANSPORT

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (08) 36 2178 Fax (02) 9821 9333

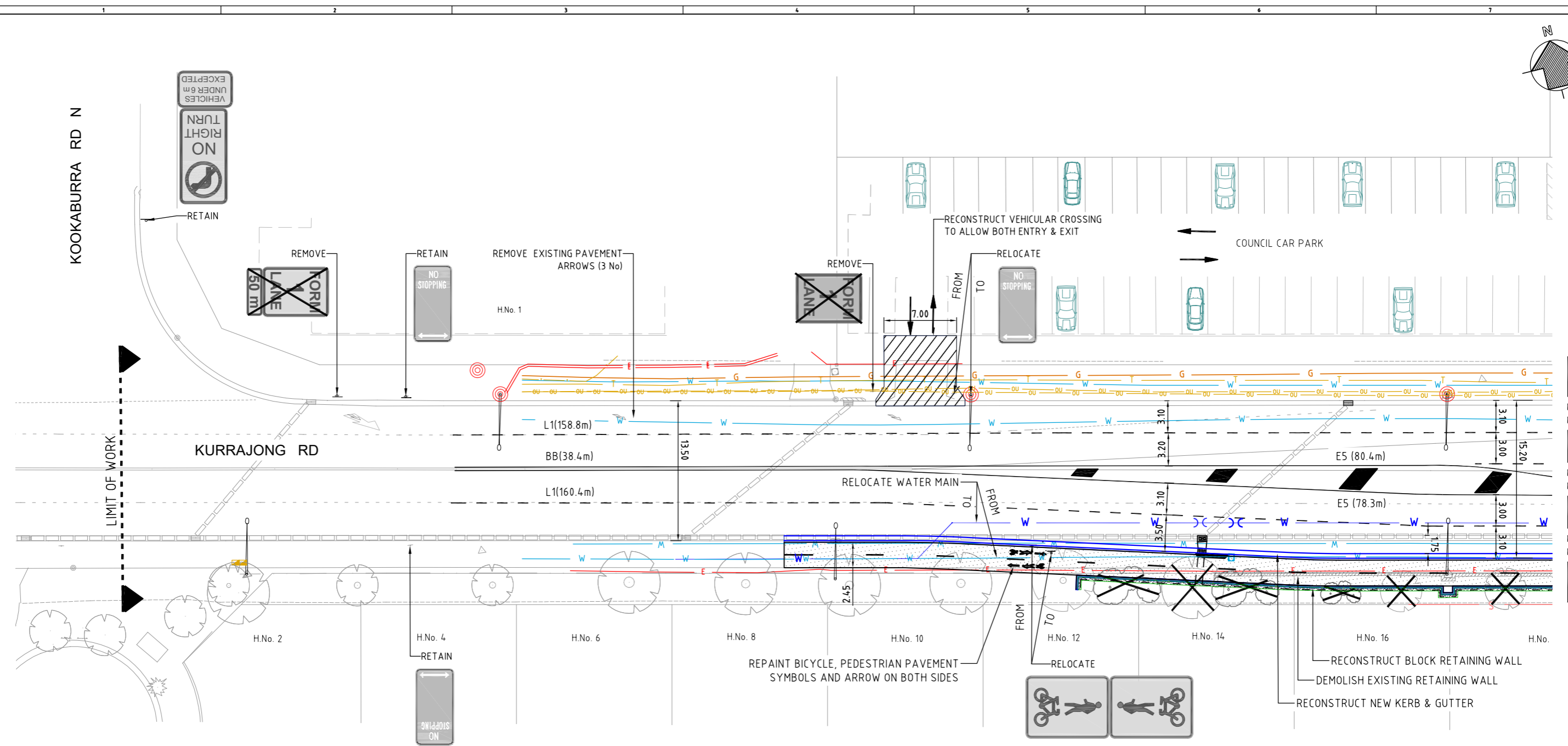
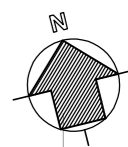
DETAIL DESIGN

SURVEYED	D.M./G.B.	DATUM	A.H.D./M.G.A.
DATE			
DESIGNED	AB	CHECKED	
DATE	20/12/2023	DATE	
DRAWN	AB	CAD FILE	
DATE	24/12/2023	XREF:	

DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

RW1 - PLAN & LONG SECTION - Ch 50 to Ch 103.903

JOB No	DWG No
DS2020_046	123
SCALES	ISSUE No
1:200 & 1:50 @ A1	A
CONTRACT No	



PLAN
SCALE 1:200 @A1

GENERAL LEGEND

RECONSTRUCT CONCRETE KERB & GUTTER	
RECONSTRUCT CONCRETE KERB RAMP	
CONSTRUCT NEW CONCRETE MEDIAN ISLAND	
RECONSTRUCT CONCRETE V.C.	
RECONSTRUCT CONCRETE SHARED PATH / FOOTPATH	
CONSTRUCT BLOCK RETAINING WALL	
INSTALL NEW TRAFFIC SIGNAL POST	
REMOVE TREES / VEGETATION	



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Plotfile: 22/12/2024 4:56:34 PM File E:\DESIGN\085\131\12023_144_Interaction of Kurrajong Rd and Mowbray\Autocad\Design Drawings 2\1202_144_DESIGN_WIDENING ONLY_OPTION 2.dwg

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

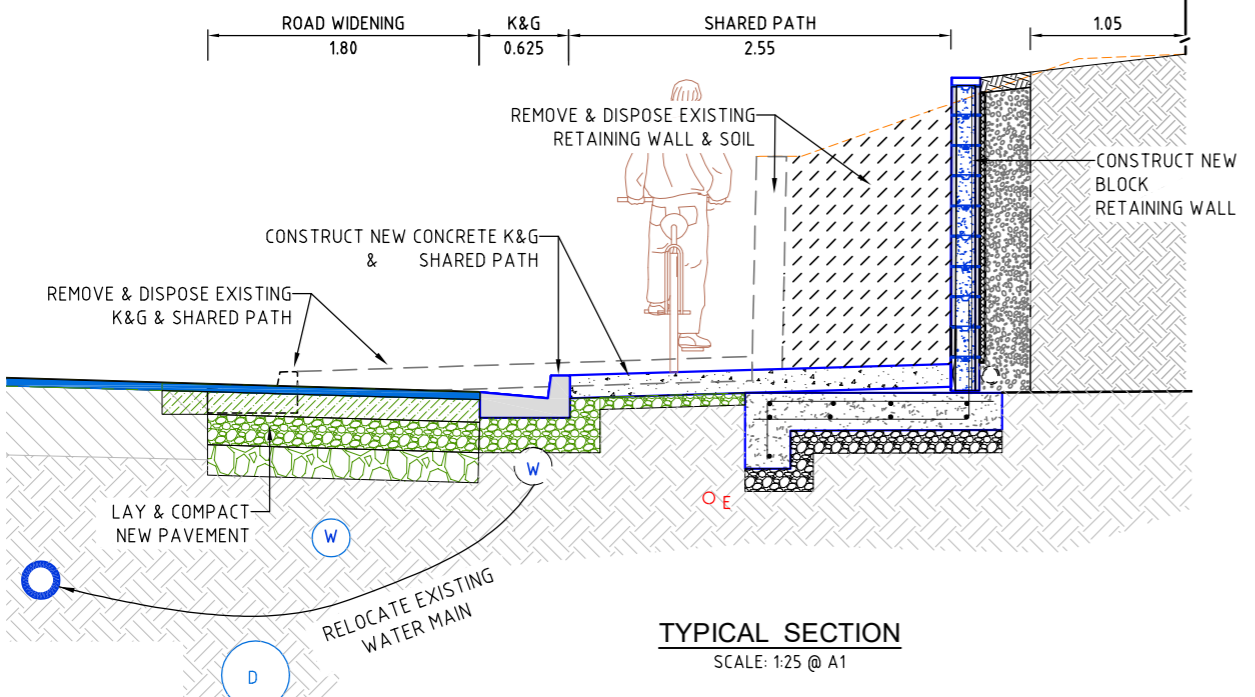
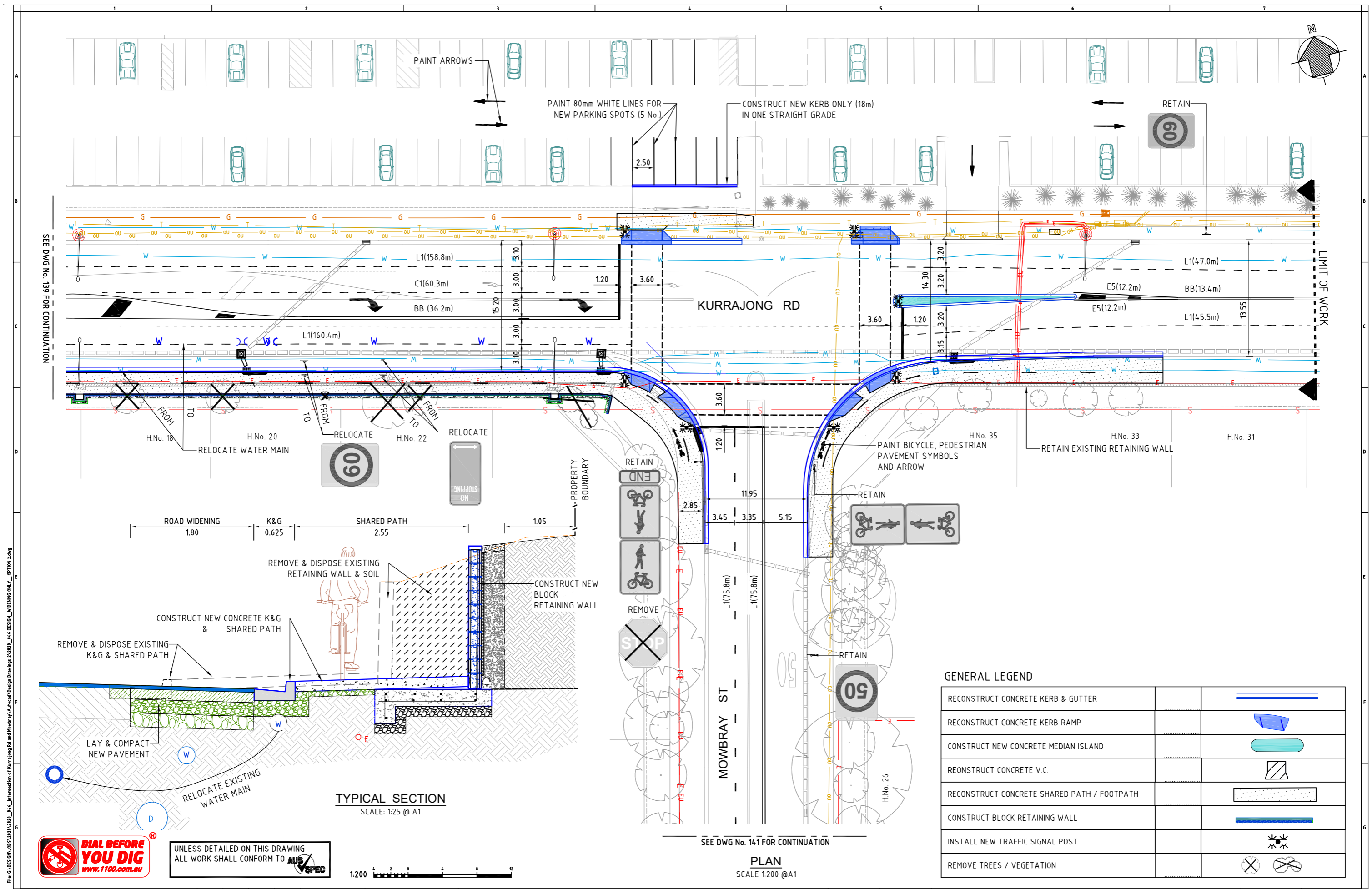
LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN
 GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
 Ph (0) 1300 36 2170 Fax (0) 9821 9333

DETAIL DESIGN

SURVEYED	D.M./G.B.	DATUM	A.H.D./M.G.A.
DATE	-	CHECKED	-
DESIGNED	AB	DATE	-
DATE	20/12/2023	CAD FILE	-
DRAWN	AB	XREF:	-
DATE	24/12/2023		

DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
 INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL
 LINE MARKING & SIGNAGE PLAN - SHEET 1 OF 3

JOB No	DS2020_046	DWG No	139
SCALES	1:200 @ A1	ISSUE No	A
		CONTRACT No	



GENERAL LEGEND

RECONSTRUCT CONCRETE KERB & GUTTER	
RECONSTRUCT CONCRETE KERB RAMP	
CONSTRUCT NEW CONCRETE MEDIAN ISLAND	
RECONSTRUCT CONCRETE V.C.	
RECONSTRUCT CONCRETE SHARED PATH / FOOTPATH	
CONSTRUCT BLOCK RETAINING WALL	
INSTALL NEW TRAFFIC SIGNAL POST	
REMOVE TREES / VEGETATION	



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SEE DWG No. 141 FOR CONTINUATION

PLAN
SCALE 1:200 @A1

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	24/12/2023	DETAIL DESIGN	AB			

LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN

GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (08) 36 2178 Fax (02) 9821 9333

DETAIL DESIGN

SURVEYED	D.M./G.B.	DATUM	A.H.D./M.G.A.
DATE	-	CHECKED	-
DESIGNED	AB	DATE	20/12/2023
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DATE	24/12/2023	XREF:	-

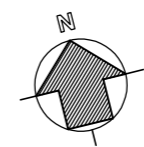
DRAWING TITLE
KURRAJONG RD & MOWBRAY ST, PRESTONS
INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL
LINE MARKING & SIGNAGE PLAN - SHEET 2 OF 3

JOB No	DS2020_046	DWG No	140
SCALES	1:200 @ A1	ISSUE No	A
		CONTRACT No	

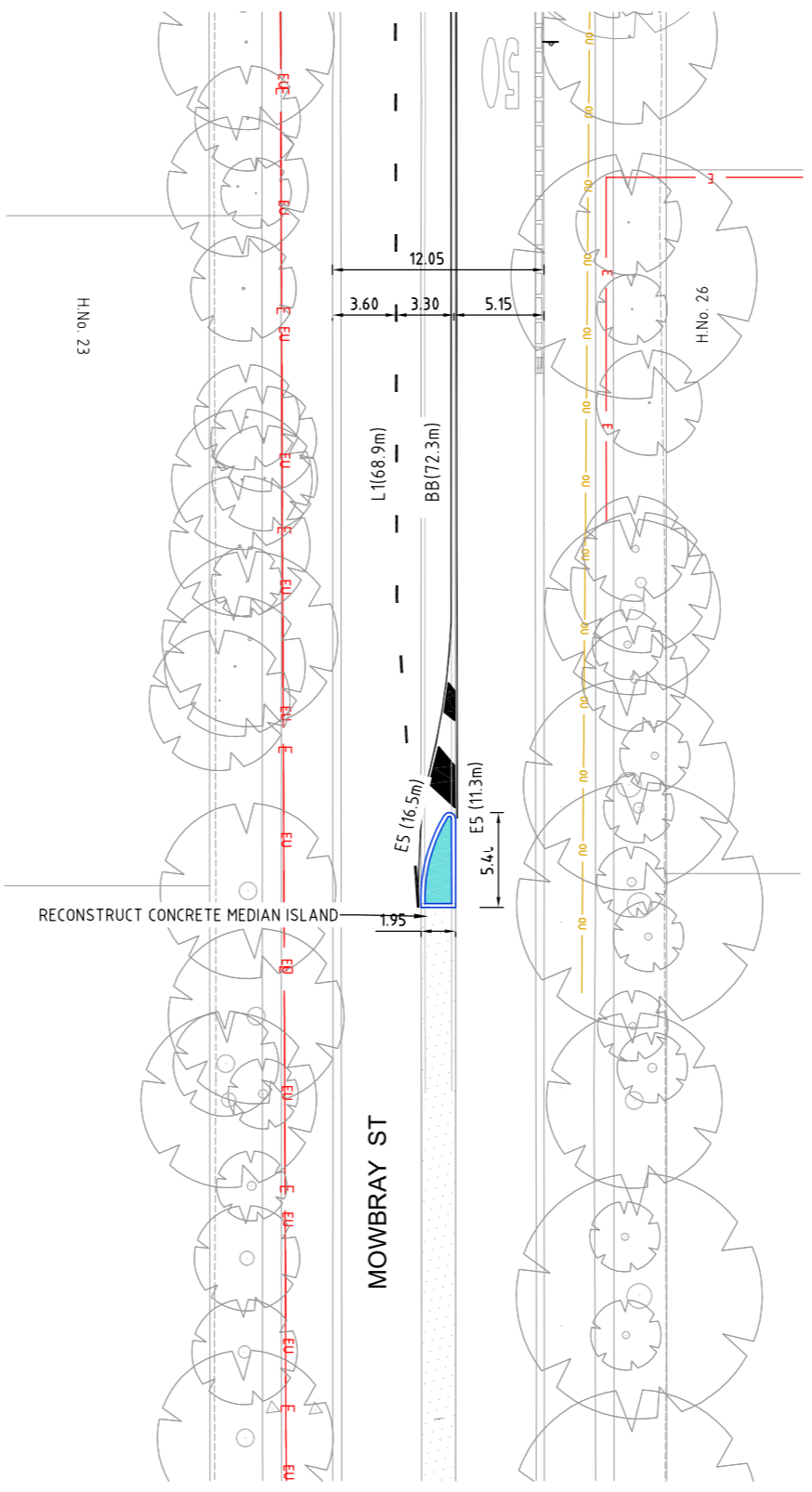
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Plotted: 22/02/2024, 4:59:01 PM



SEE DWG No. 14.0 FOR CONTINUATION



PLAN
SCALE 1:200 @A1

GENERAL LEGEND

RECONSTRUCT CONCRETE KERB & GUTTER	
RECONSTRUCT CONCRETE KERB RAMP	
CONSTRUCT NEW CONCRETE MEDIAN ISLAND	
RECONSTRUCT CONCRETE V.C.	
RECONSTRUCT CONCRETE SHARED PATH / FOOTPATH	
CONSTRUCT BLOCK RETAINING WALL	
INSTALL NEW TRAFFIC SIGNAL POST	
REMOVE TREES / VEGETATION	



UNLESS DETAILED ON THIS DRAWING
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LIVERPOOL CITY COUNCIL INVESTIGATIONS & DESIGN

GROUND FLOOR, 33 MOORE STREET, LIVERPOOL, NSW 2170
Ph (0)8 36 2178 Fax (0)2 9821 9333

DETAIL DESIGN

SURVEYED D.M./G.B. DATE -	DATUM A.H.D./M.G.A.
DESIGNED AB DATE 16/09/2022	CHECKED BP DATE -
DRAWN AB DATE 16/09/2022	CAD FILE XREF:

DRAWING TITLE

KURRAJONG RD & MOWBRAY ST, PRESTONS
INTERSECTION UPGRADE - NEW TRAFFIC CONTROL SIGNAL

LINE MARKING & SIGNAGE PLAN - SHEET 3 OF 3

JOB No DS2020_046	DWG No 14.1
SCALES 1:200 @ A1	ISSUE No A
	CONTRACT No

ISSUE	DATE	REASON FOR ISSUE	DRAWN	SIGNED	APPROV	OWNER
A	25/07/2023	DETAIL DESIGN	AB			