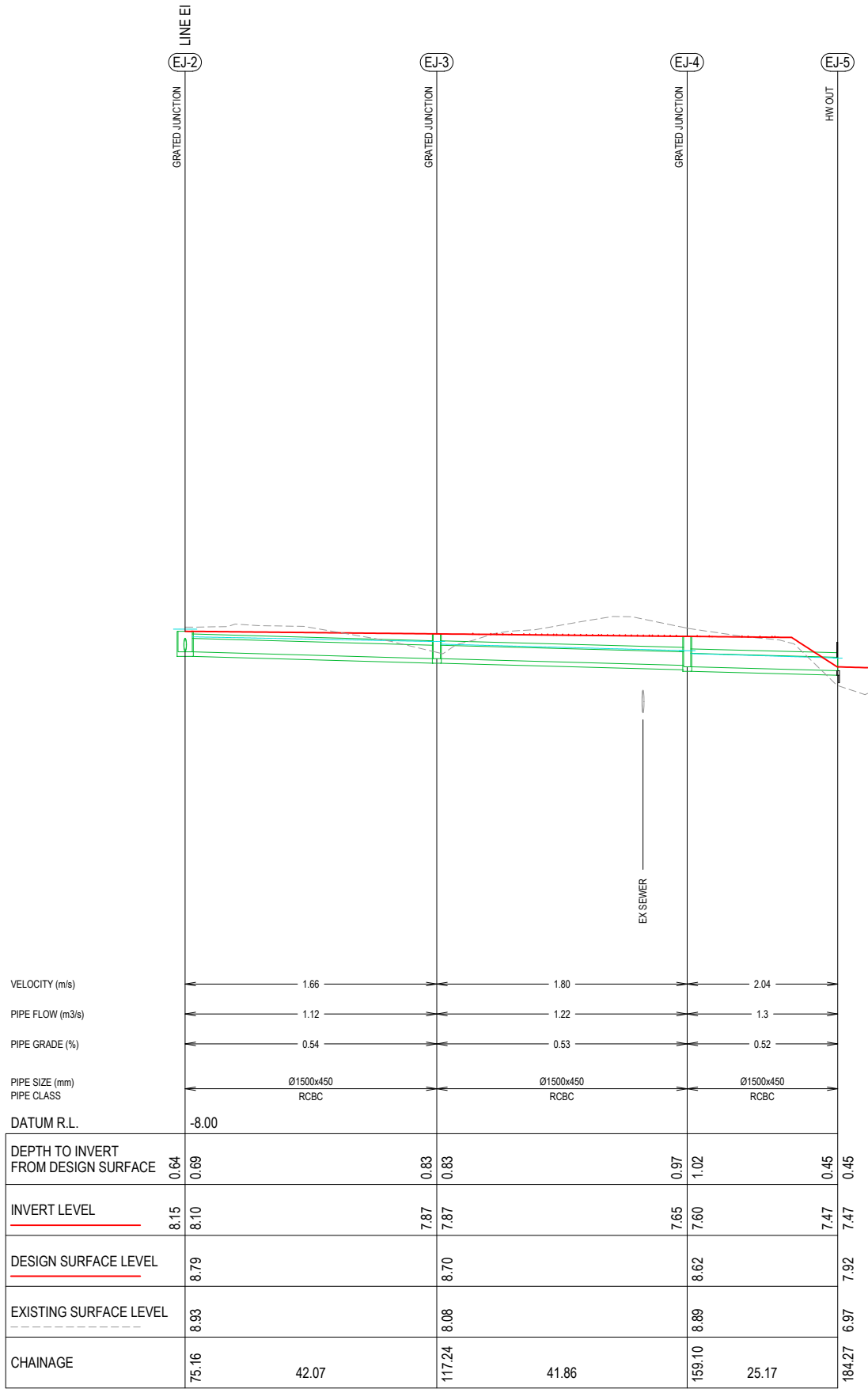
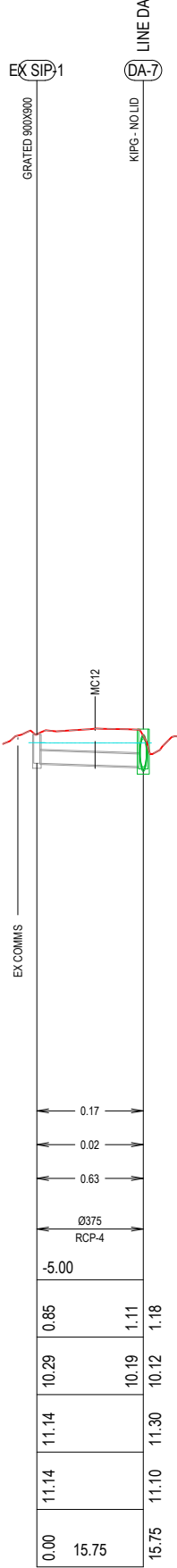




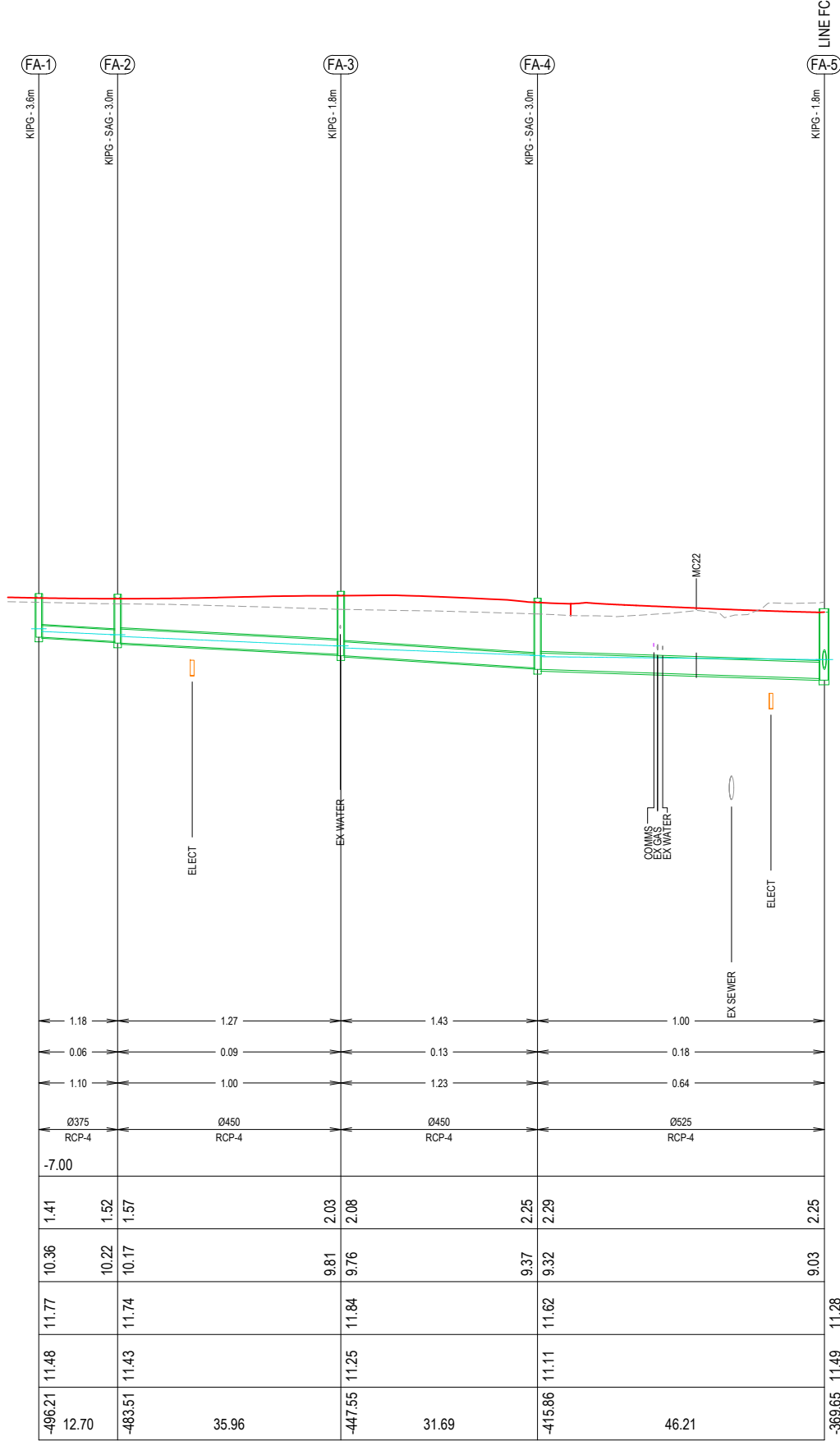
LINE EJ



LINE EX PIT 2

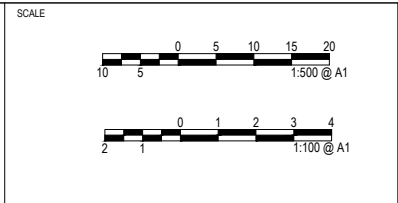


LINE EX SIP



LINE FA

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

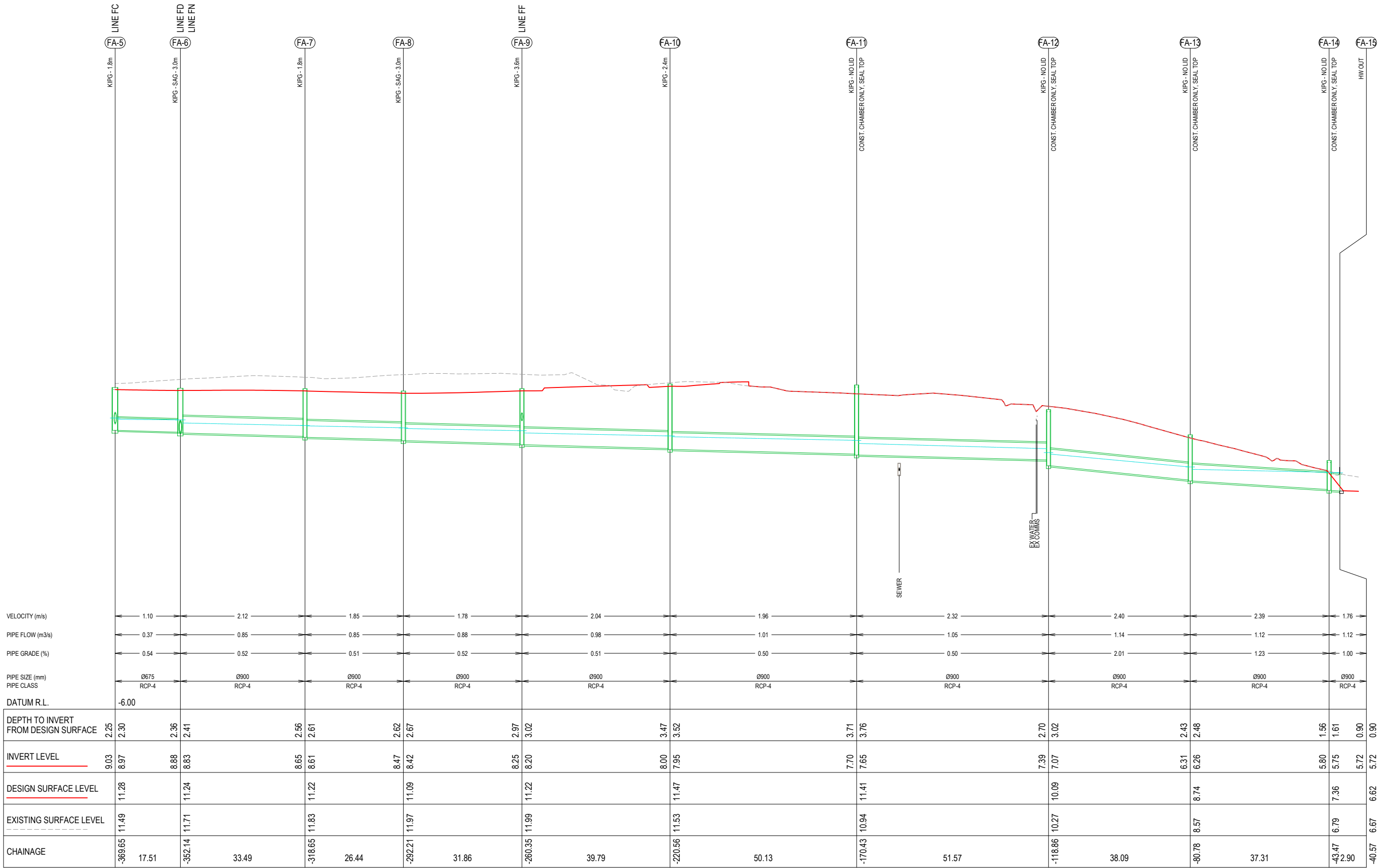


PROJECT TITLE
TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT
SHELLHARBOUR CITY COUNCIL
DRAWING STATUS
ISSUED FOR CONSTRUCTION
SCALE
AS SHOWN
COORDINATE SYSTEM
MGA 2020 ZONE 56
DATUM
AHD
SHEET SIZE
A1
PROJECT NUMBER
9470-11

DRAWING TITLE
STORMWATER PROFILES
SHEET 09
DRAWING NUMBER
0328
REVISION
2



LINE FA

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

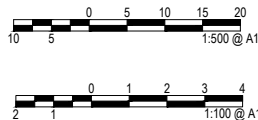
CLIENT



DESIGN TEAM



SCALE



PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE
AS SHOWN

A1

COORDINATE SYSTEM
MGA 2020 ZONE 56

PROJECT NUMBER
9470-11

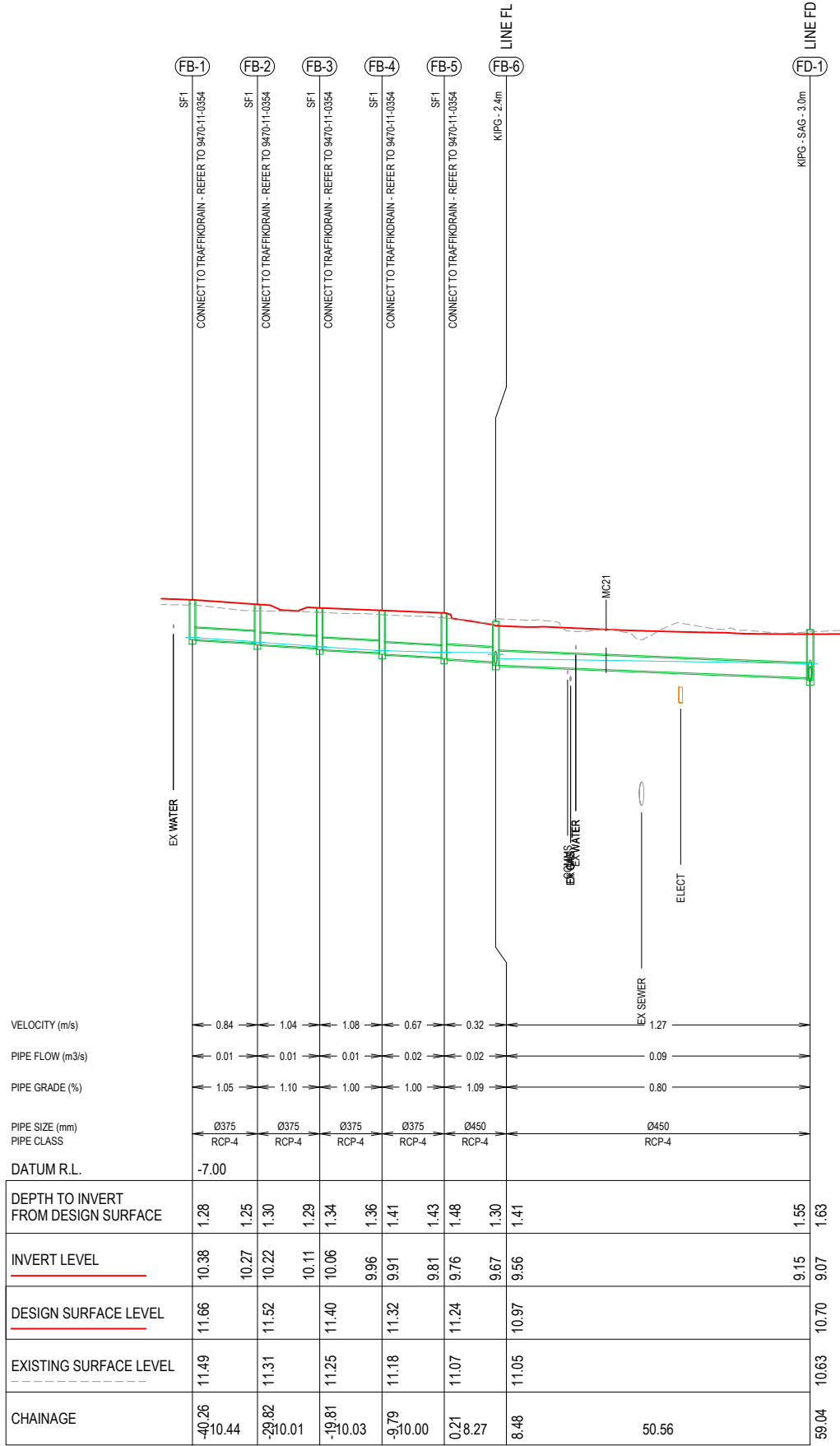
DATUM
AHD

DRAWING TITLE

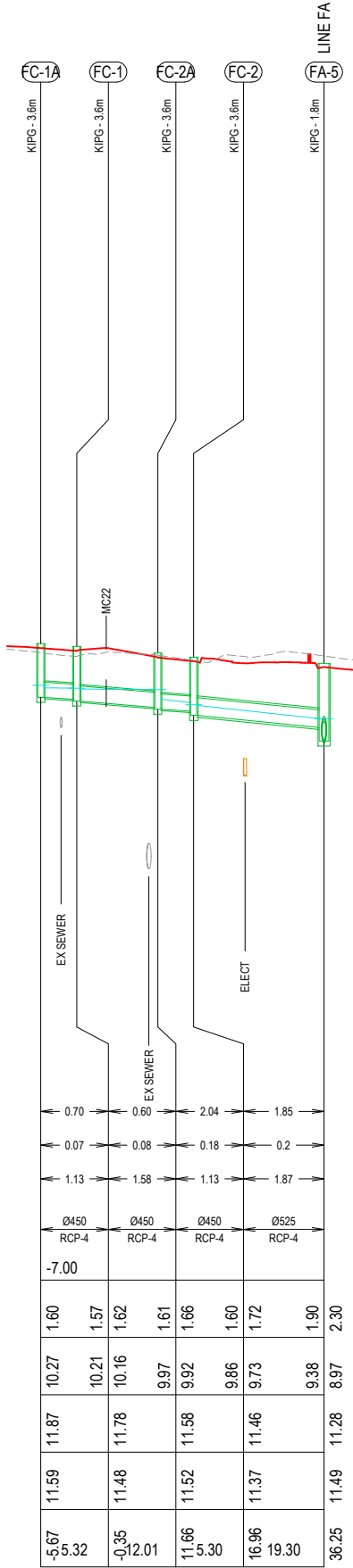
STORMWATER PROFILES
SHEET 10

DRAWING NUMBER
0329

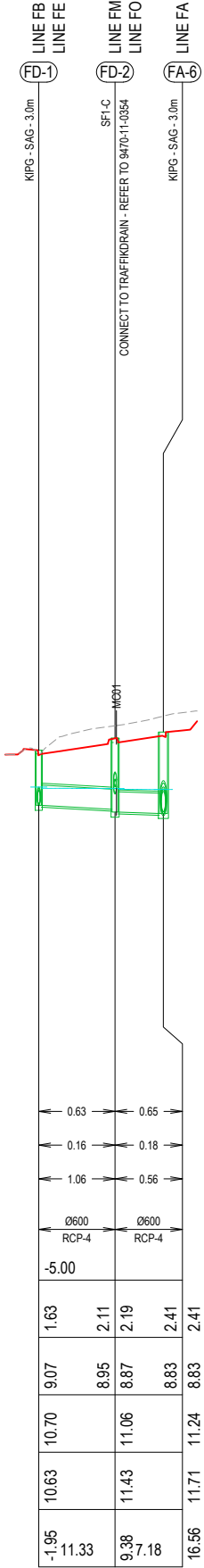
REVISION
2



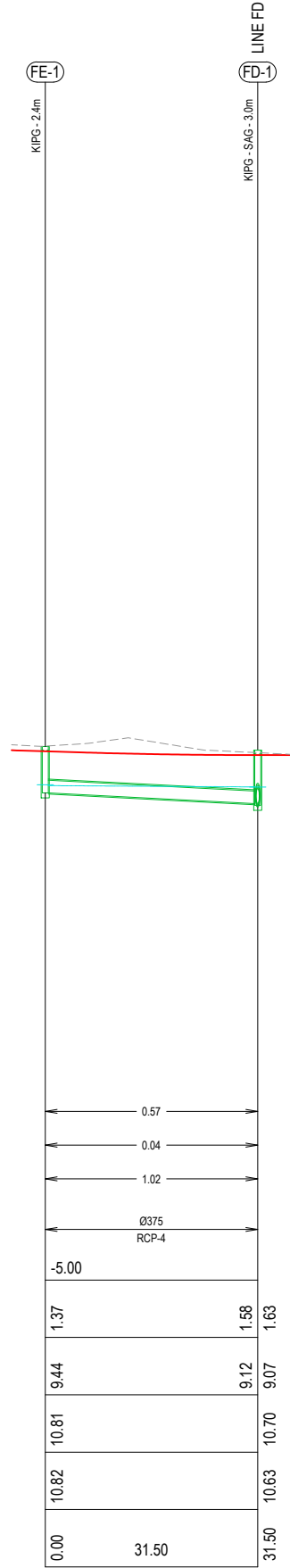
LINE FB



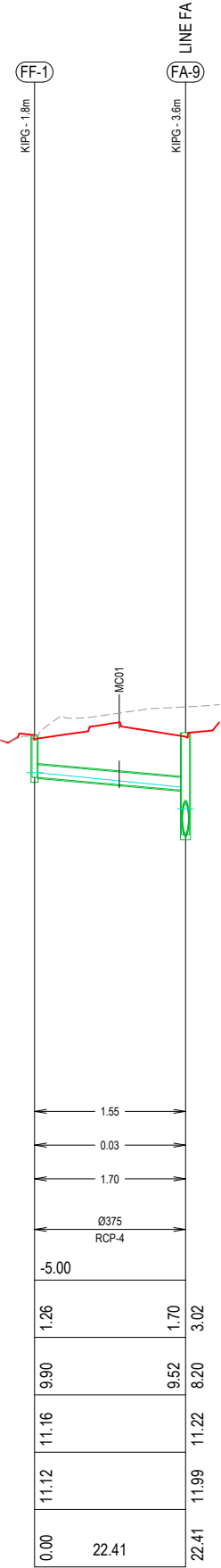
LINE FC



LINE FD



LINE FE



LINE FF

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

CLIENT



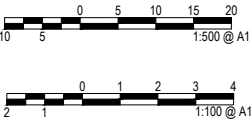
Shellharbour
CITY COUNCIL

DESIGN TEAM



www.indesco.com.au

SCALE



1:500 @ A1
1:100 @ A1

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE

AS SHOWN

SHEET SIZE

A1

COORDINATE SYSTEM

MGA 2020 ZONE 56

DATUM

AHD

PROJECT NUMBER

9470-11

DRAWING TITLE

STORMWATER PROFILES
SHEET 11

DRAWING NUMBER

0330

REVISION

2

VELOCITY (m/s)
PIPE FLOW (m3/s)
PIPE GRADE (%)
PIPE SIZE (mm)
PIPE CLASS

DATUM R.L.

DEPTH TO INVERT FROM DESIGN SURFACE	1.45	1.36	1.41
INVERT LEVEL	10.15	9.61	9.56
DESIGN SURFACE LEVEL	11.60	10.97	10.97
EXISTING SURFACE LEVEL	11.30	11.05	11.05
CHAINAGE	0.00	76.65	76.65

LINE FL

1.02	1.13	0.73
0.01	0.01	0.02
1.00	1.10	1.10
Ø375 RCP-4	Ø375 RCP-4	Ø375 RCP-4
1.30	1.35	1.40
9.86	9.76	9.71
11.16	11.11	11.07
11.68	11.72	11.58
0.00	10.00	20.00
0.00	10.00	30.00

LINE FM

1.12	0.32
1.00	1.00
Ø600 RCP-4	Ø600 RCP-4
2.89	2.36
8.94	8.88
11.83	11.71
11.83	11.71
0.00	6.13
0.00	6.13

LINE FN

0.69	0
2.00	2.00
Ø375 RCP-4	Ø375 RCP-4
1.22	1.41
9.85	9.65
11.07	11.06
11.18	11.43
0.00	10.00
0.00	10.00

LINE FO

0.96	0.86
0.03	0.03
3.30	0.50
Ø450 EXISTING RCP	Ø450 EXISTING RCP
1.27	1.09
9.06	7.48
10.33	8.57
10.05	8.57
0.00	47.84
0.00	47.84

LINE FP

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

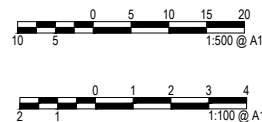
CLIENT



DESIGN TEAM



SCALE



PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE
AS SHOWN

COORDINATE SYSTEM
MGA 2020 ZONE 56

DATUM
AHD

SHEET SIZE
A1

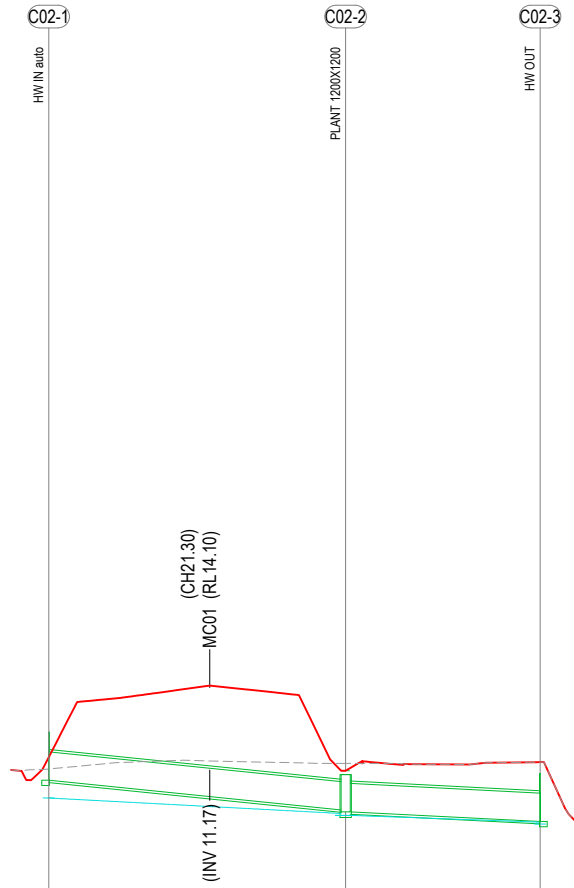
PROJECT NUMBER
9470-11

DRAWING TITLE

STORMWATER PROFILES
SHEET 12

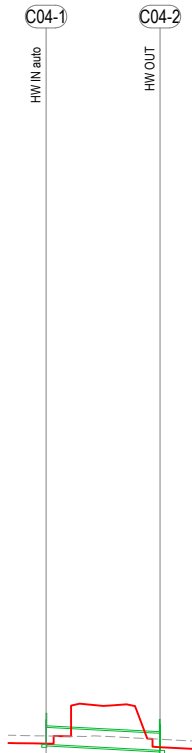
DRAWING NUMBER
0331

REVISION
2



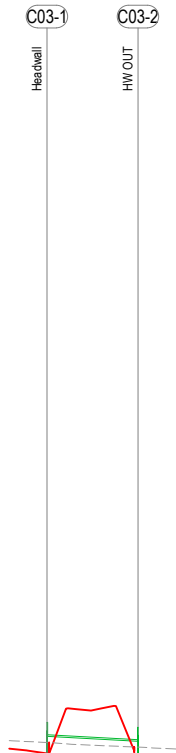
VELOCITY (m/s)	0.00		0.00	
PIPE FLOW (m3/s)	0		0	
PIPE GRADE (%)	2.00		1.00	
PIPE SIZE (mm)	Ø750		Ø750	
PIPE CLASS	RCP-4		RCP-4	
DATUM R.L.	-4.00			
DEPTH TO INVERT FROM DESIGN SURFACE	0.75	1.04	1.09	0.75
INVERT LEVEL	11.60	10.81	10.76	10.51
DESIGN SURFACE LEVEL	12.35	11.85		
EXISTING SURFACE LEVEL	11.90	12.05		
CHAINAGE	0.00	39.28	39.28	25.73

LINE C02



VELOCITY (m/s)	0	
PIPE FLOW (m3/s)	0	
PIPE GRADE (%)	1.06	
PIPE SIZE (mm)	Ø450	
PIPE CLASS	RCP-4	
DATUM R.L.	-4.00	
DEPTH TO INVERT FROM DESIGN SURFACE	0.45	0.68
INVERT LEVEL	12.55	12.39
DESIGN SURFACE LEVEL	13.00	13.07
EXISTING SURFACE LEVEL	12.77	12.68
CHAINAGE	0.00	15.07

LINE C04



VELOCITY (m/s)	0	
PIPE FLOW (m3/s)	0	
PIPE GRADE (%)	1.08	
PIPE SIZE (mm)	Ø450	
PIPE CLASS	RCP-4	
DATUM R.L.	-4.00	
DEPTH TO INVERT FROM DESIGN SURFACE	0.45	0.61
INVERT LEVEL	12.31	12.18
DESIGN SURFACE LEVEL	12.76	12.79
EXISTING SURFACE LEVEL	12.60	12.47
CHAINAGE	0.00	12.05

LINE C03

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE TO HAMILTON RD ALBION PARK NSW

SHELLHARBOUR CITY COUNCIL

ISSUED FOR CONSTRUCTION

SCALE AS SHOWN

COORDINATE SYSTEM MGA 2020 ZONE 56

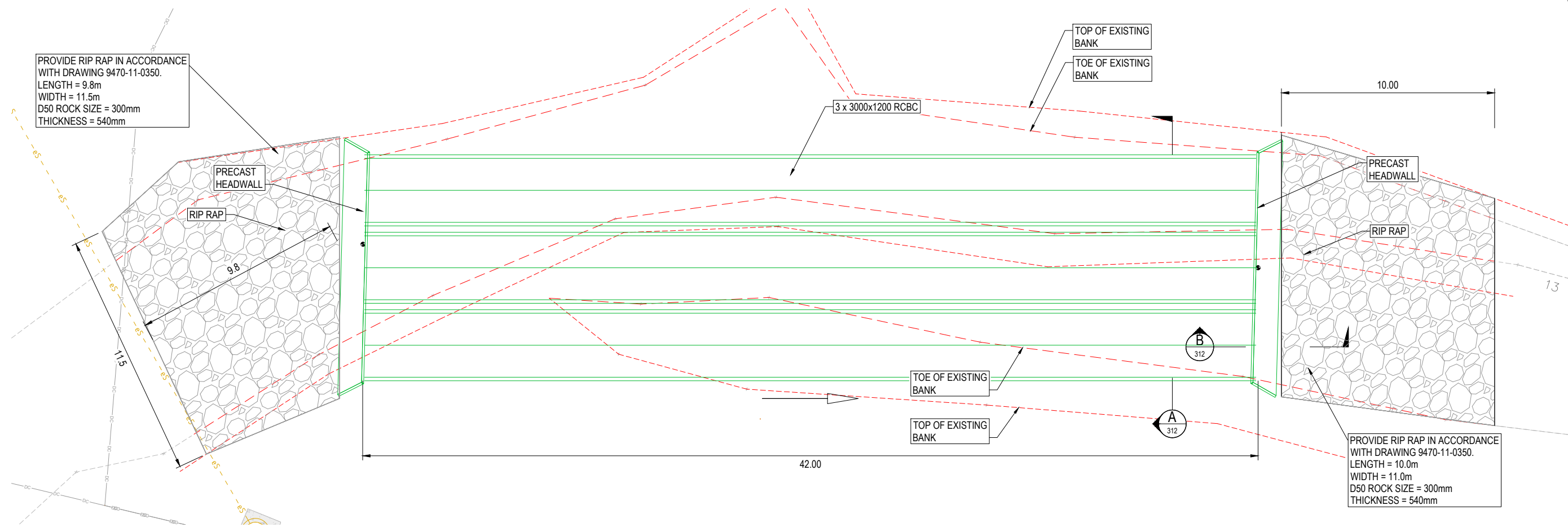
DATUM AHD

CULVERT PROFILES

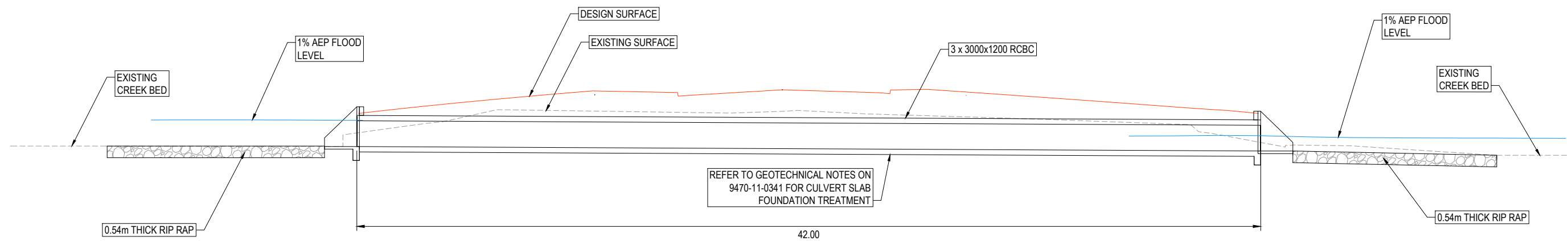
DRAWING NUMBER 0332

REVISION 2

Lat: 34° 40' 52.08" S, Long: 150° 22' 39.00" E
Last Saved: 4/05/2026 11:20:46 AM By: TIM NELL
Last Printed: 15/06/2026 11:22:39 AM By: TIM NELL



PLAN
SCALE 1:100 @ A1



SECTION
SCALE 1:100 @ A1

CAD File: H:\9470 Tripoli Way Extension\30 Cul30.1 Drawings\11 Milestones\0101 Current Drawings\9470-11-0340-SLM-Culvert.dwg

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

CLIENT

Shellharbour CITY COUNCIL

DESIGN TEAM

INDESCO

www.indesco.com.au

SCALE

0 1 2 3 4

1:100 @ A1

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE 1:100

COORDINATE SYSTEM MGA 2020 ZONE 56

DATUM AHD

SHEET SIZE A1

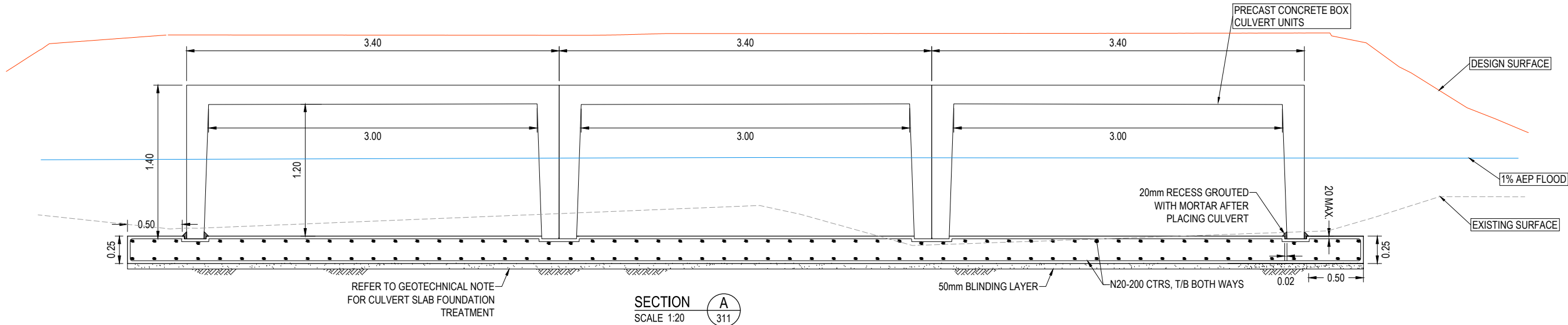
PROJECT NUMBER 9470-11

DRAWING TITLE

CULVERT DETAILS SHEET 01

DRAWING NUMBER 0340

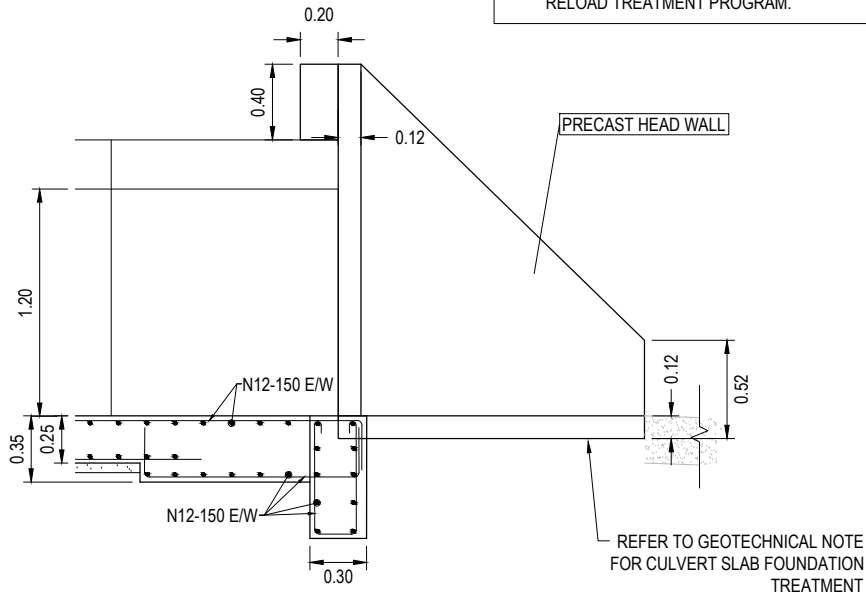
REVISION 2



SECTION A
SCALE 1:20
311

GEOTECHNICAL NOTES

- EXCAVATION, FILL AND FOUNDATION TREATMENT UNDER BASE SLAB, WINGWALLS, PRECAST CROWN UNITS AND OPEN CHANNEL SECTIONS SHALL BE UNDERTAKEN IN ACCORDANCE WITH TFNSW SPECIFICATION R11.
- ALL BACKFILL FOR PRECAST CROWN UNITS, WINGWALLS AND OPEN CHANNEL SECTIONS SHALL BE IN ACCORDANCE WITH TWE TFNSW SPECIFICATION B30. DIFFERENTIAL LOADING OF THE BOX CULVERTS DURING THE BACKFILL OPERATION SHALL BE AVOIDED, AS PER CL6.6 OF AS 1597.2
- COMPACTION EQUIPMENT USED TO COMPACT SELECT BACKFILL MATERIAL SHALL BE LIMITED TO A PEDESTAL ROLLER OR PLATE COMPACTOR.
- ALL FOOTINGS SHALL BE FOUNDED ON A STIFF CLAY WITH A MINIMUM UNDRAINED SHEAR STRENGTH OF 50 KPA.
- CONSTRUCTION OF THE FOUNDATION TREATMENT MUST FOLLOW COMPLETION OF THE RELOAD TREATMENT PROGRAM.
- FOUNDATION CONDITIONS SHALL BE INSPECTED BY YOUR GEOTECHNICAL ENGINEER AS SOON AS POSSIBLE AFTER EXCAVATION TO CONFIRM THE SUBGRADE CONDITIONS ARE IN ACCORDANCE WITH THE DESIGN ASSUMPTIONS. FOUNDATION EXCAVATIONS SHALL BE FREE OF WATER, LOOSE MATERIAL OR SOFTENED AREAS.
- INADEQUATE FOUNDATION MATERIAL WITHIN THE ZONE OF INFLUENCE OF THE CULVERT BASE SLAB SHALL BE OVER EXCAVATED AND REPLACED IN ACCORDANCE WITH TWE TFNSW SPECIFICATION R11 AS DIRECTED BY YOUR GEOTECHNICAL ENGINEER.
- BLINDING CONCRETE UNDER THE CULVERT SHALL BE POURED AS SOON AS PRACTICAL AFTER EXCAVATION AND AFTER OBTAINING CONFIRMATION OF THE FOUNDING CONDITIONS BY YOUR GEOTECHNICAL ENGINEER.



SECTION B
SCALE 1:20
311

SCHEDULE OF STORMWATER CULVERTS

STRUCTURE ID	NODE TYPE	PIPE	DEPTH	INVERT LEVEL	SETOUT			NOTES
					EASTING	NORTHING	COVER LEVEL	
C01-1	HW IN	1.2	1.2	13.4	293978.706	6172116.499	14.6	
C01-2	HW OUT		1.2	13.4	294018.795	6172129.024	14.6	
C02-1	HW IN	0.75	0.75	11.6	294187.339	6172259.975	12.35	
C02-2	GRATED 1200X1200	0.75	1.086	10.764	294224.127	6172246.209	11.85	REFER TO R0220-36
C02-3	HW OUT		0.75	10.507	294248.229	6172237.191	11.257	
C03-1	HW IN	0.45	0.45	12.31	294103.909	6172236.857	12.76	
C03-2	HW OUT		0.61	12.18	294115.908	6172237.927	12.79	
C04-1	HW IN	0.45	0.45	12.55	294125.106	6172207.627	13	
C04-2	HW OUT		0.68	12.39	294139.91	6172210.442	13.07	

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

CLIENT



DESIGN TEAM



SCALE



PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS
ISSUED FOR CONSTRUCTION

SCALE 1:20
COORDINATE SYSTEM MGA 2020 ZONE 56
DATUM AHD

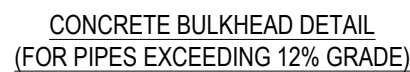
SHEET SIZE A1
PROJECT NUMBER 9470-11

DRAWING TITLE

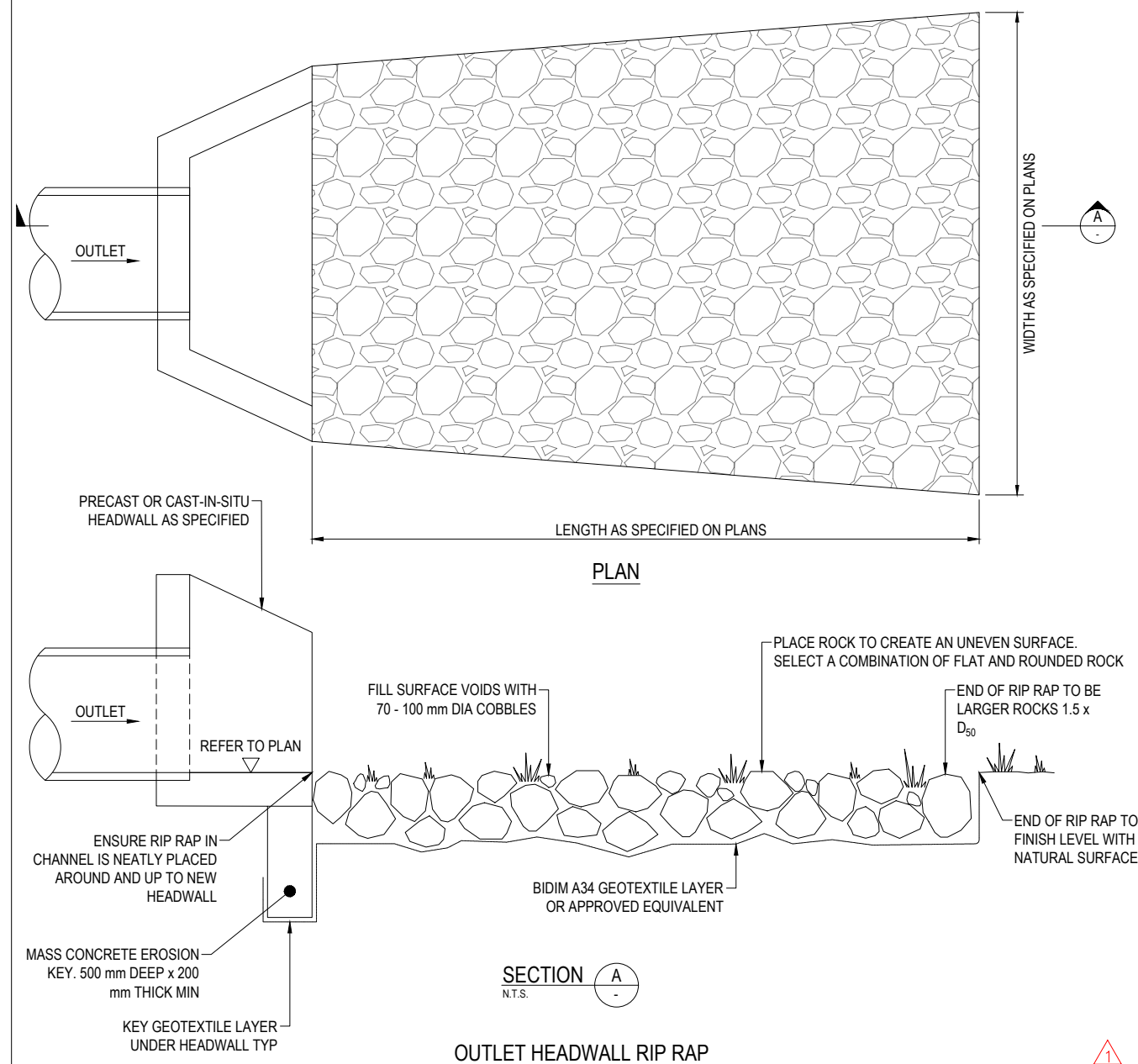
CULVERT DETAILS
SHEET 02

DRAWING NUMBER 0341

REVISION 2



- NOTES:**
1. WHERE THE PIPE GRADE EXCEEDS 12% BULKHEADS MUST BE PROVIDED AT EVERY 2nd PIPE JOINT. WHERE THE PIPE GRADE EXCEEDS 18% BULKHEADS ARE REQUIRED AT EVERY PIPE JOINT.
 2. CONCRETE BULKHEADS MUST BE LOCATED AT JOINT LOCATIONS AT 6 METRE MAXIMUM CENTERS.
 3. CONCRETE IS TO BE 25MPa AND PLACED USING MECHANICAL VIBRATION.
 4. CONCRETE IS NOT TO COVER FLEXIBLE PIPE JOINT.
 5. FOUNDING MATERIAL TO ACHIEVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 150KPa.
 6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTES OTHERWISE.



- NOTES:**
1. REFER TO R11 STORMWATER DRAINAGE & RIP RAP
 2. THE SUBGRADE MUST BE FREE FROM ROCKS, CLODS, VEGETATION AND IMPRINTS OF ANY SIGNIFICANT SIZE SO THAT THE GEOTEXTILE WILL HAVE DIRECT CONTACT WITH THE SOIL SURFACE
 3. ENSURE EACH GEOTEXTILE ROLL IS ANCHORED PROPERLY AT ITS UPSLOPE END VIA KEYING UNDER THE CONCRETE KEY.
 4. LAY GEOTEXTILE IN SHINGLE-FASHION, WITH THE END OF EACH UPSTREAM ROLL OVERLAPPING THOSE DOWNSTREAM. ALL OVERLAPS MUST BE A MINIMUM 300mm AVOID STRETCHING OF THE GEOTEXTILE DURING INSTALLATION.
 5. PLACE ROCK FOR RIP RAP CAREFULLY ONTO THE GEOTEXTILE TO AVOID POSSIBLE RIPPING OF THE GEOTEXTILE. THE PLACEMENT OF SMALLER ROCKS FIRST CAN PROTECT THE GEOTEXTILE FOR SUBSEQUENT LARGE ROCK PLACEMENT. ROCK MUST BE PLACED AT A DEPTH SO THAT THE TOP LAYER OF THE ROCK SITS AT OR SLIGHTLY BELOW THE ADJACENT GROUND SURFACE.
 6. FOR RIP RAP AND COBBLES TO BE PACKED WITH TOPSOIL. GAPS IN RIPRAP TO BE PLANTED WITH SUITABLE NATIVE GRASSES/SEDGES.

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DR	27/03/2026



SCALE

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AV
TO HAMILTON RD ALBION PARK NSW

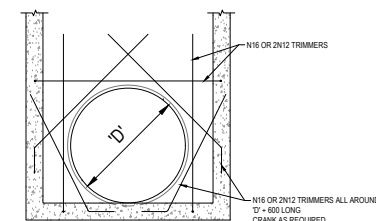
CLIENT		
SHELLHARBOUR CITY COUNCIL		
DRAWING STATUS		
ISSUED FOR CONSTRUCTION		
SCALE	COORDINATE SYSTEM	DATUM
NTS	MGA 2020 ZONE 56	AHD
SHEET SIZE	PROJECT NUMBER	
A1	9470-11	

DRAWING TITLE
**STORMWATER
DETAILS**

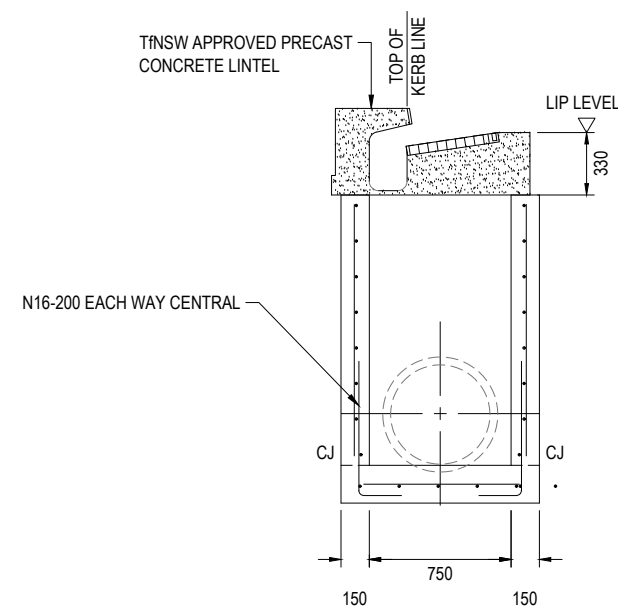
DRAWING NUMBER
0350

REVISION
2

1. STATE CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32 MPa

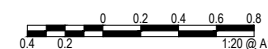


PLAN
1:20



SECTION 2
N.T.S.

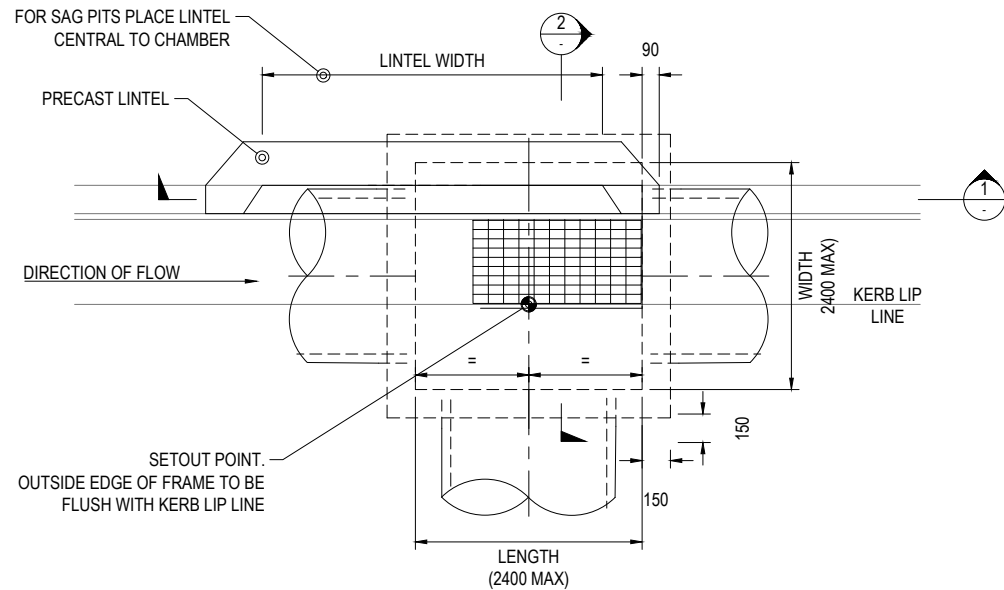
REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
0	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
		LW	TTN	AN	DR	27/03/2026



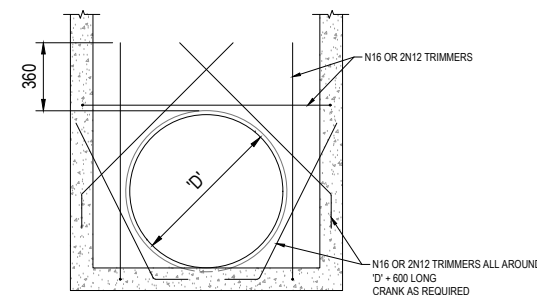
TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

SHEET SIZE	PROJECT NUMBER
A1	9470-11

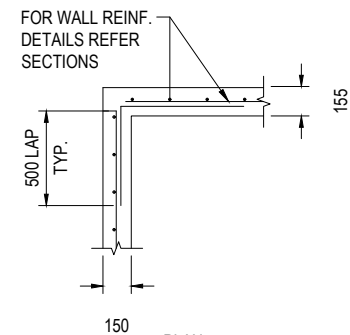
DRAWING NUMBER	REVISION
0351	2



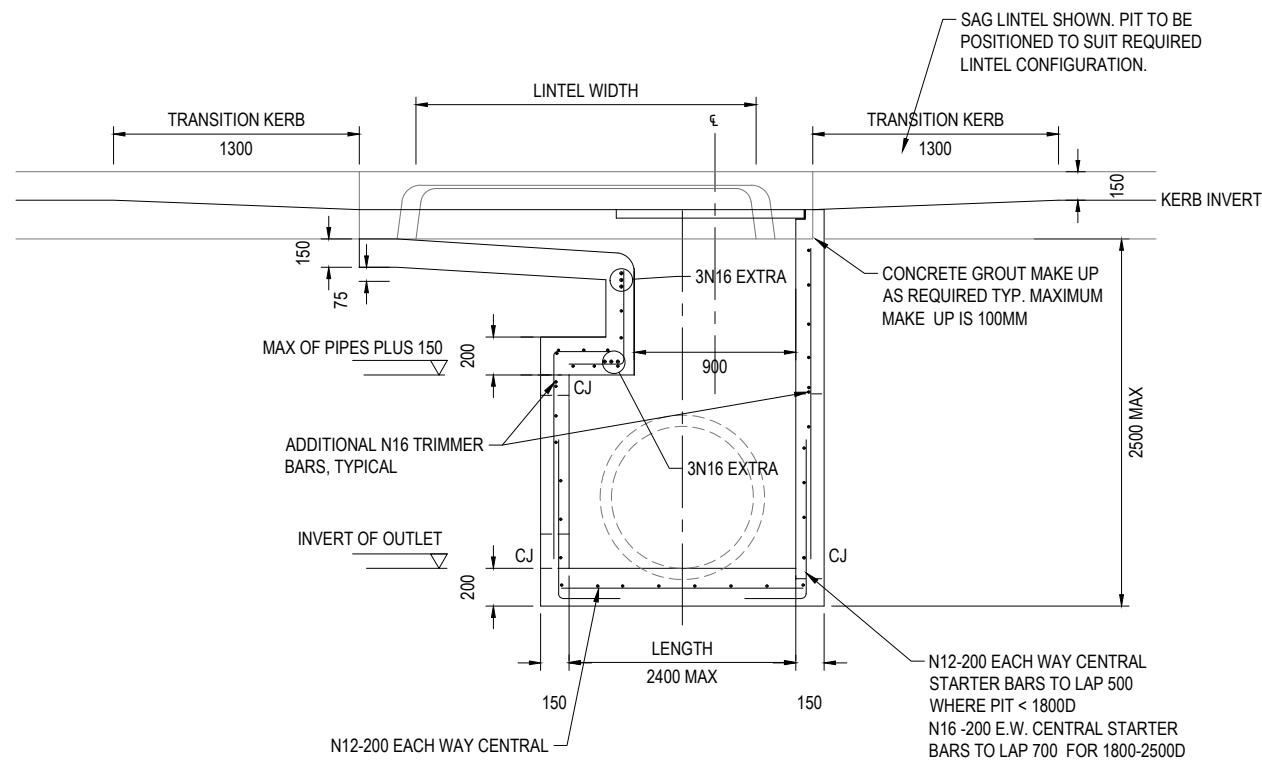
PLAN
1:20



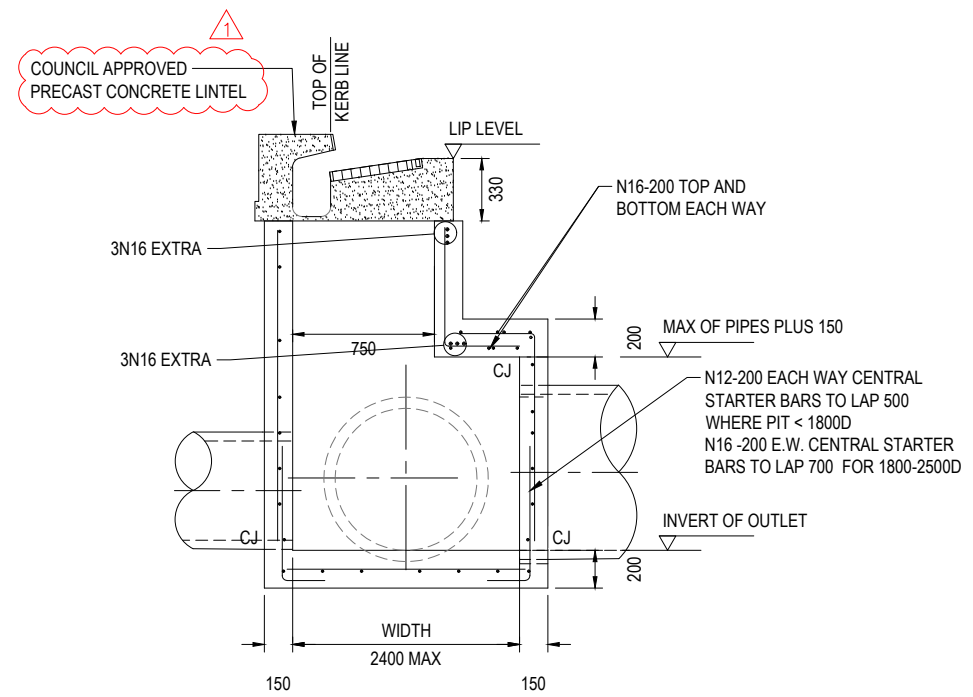
TYPICAL TRIMMER BAR DETAIL AT PIPE
PENETRATION
N.T.S



PLAN
TYPICAL PIT CORNER DETAIL
SCALE 1:20



SECTION 1
N.T.S



SECTION 2
N.T.S

NOTES

1. STATE CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32 MPa

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

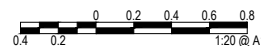
CLIENT



DESIGN TEAM



SCALE



PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE

AS SHOWN

SHEET SIZE

A1

COORDINATE SYSTEM

MGA 2020 ZONE 56

PROJECT NUMBER

9470-11

DATUM

AHD

DRAWING TITLE

KERB INLET GRATED PIT (KIPG) DETAIL
PIPES GREATER THAN 600 DIA

DRAWING NUMBER

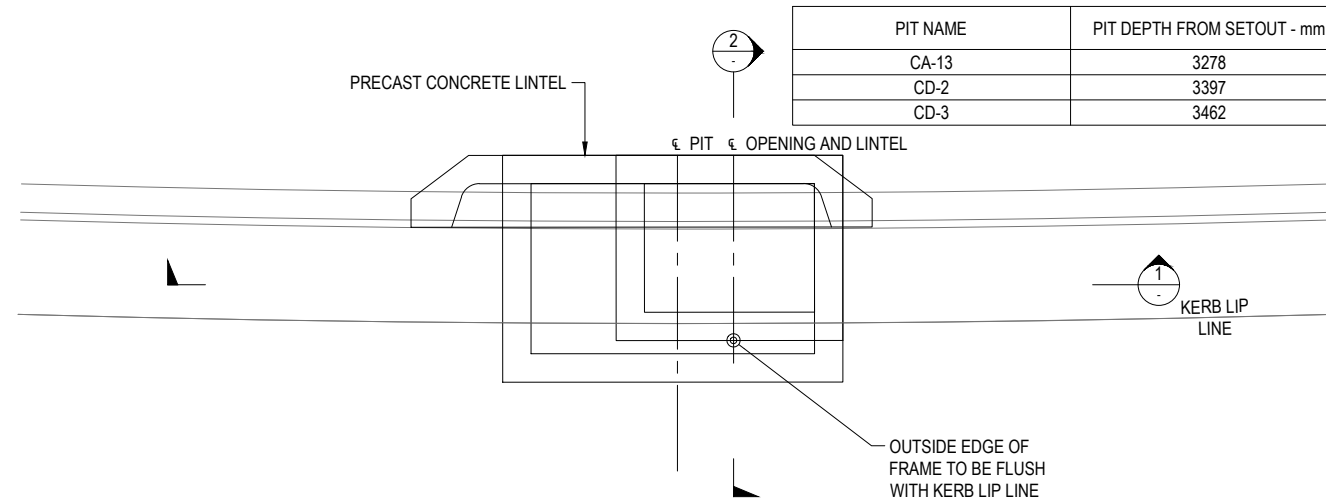
0352

REVISION

2

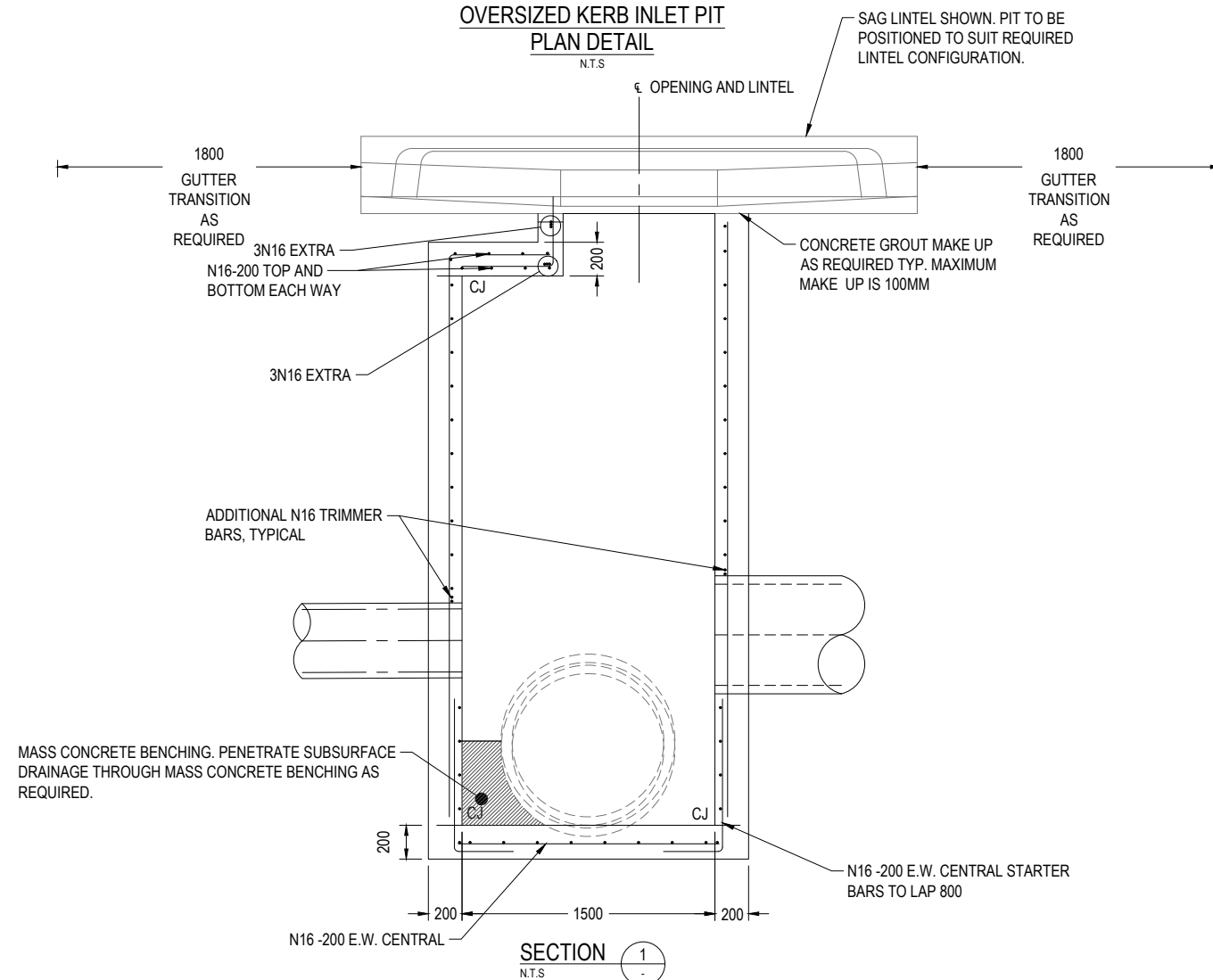
Last Saved: 15/06/2026 11:04:42 AM By: TIM NELL
Last Pooled: 15/06/2026 11:22:51 AM By: TIM NELL

CAD File: H:\9470 Tripoli Way Extension\30 Civil\30.1 Drawings\11 Miscellaneous\0101 Current Drawings\9470-11-0350-SW\STORMWATER DETAILS.dwg

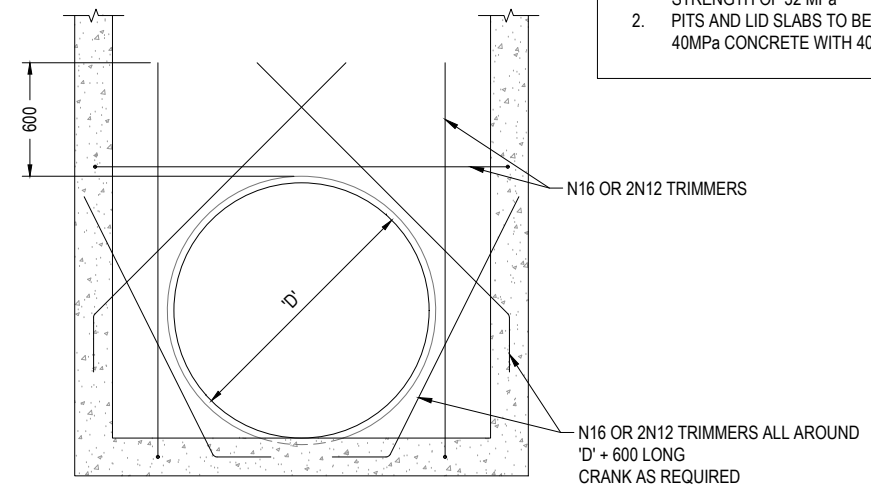


PIT NAME	PIT DEPTH FROM SETOUT - mm	PIT SIZE - mm
CA-13	3278	1200 X 1500
CD-2	3397	900 X 1500
CD-3	3462	900 X 1500

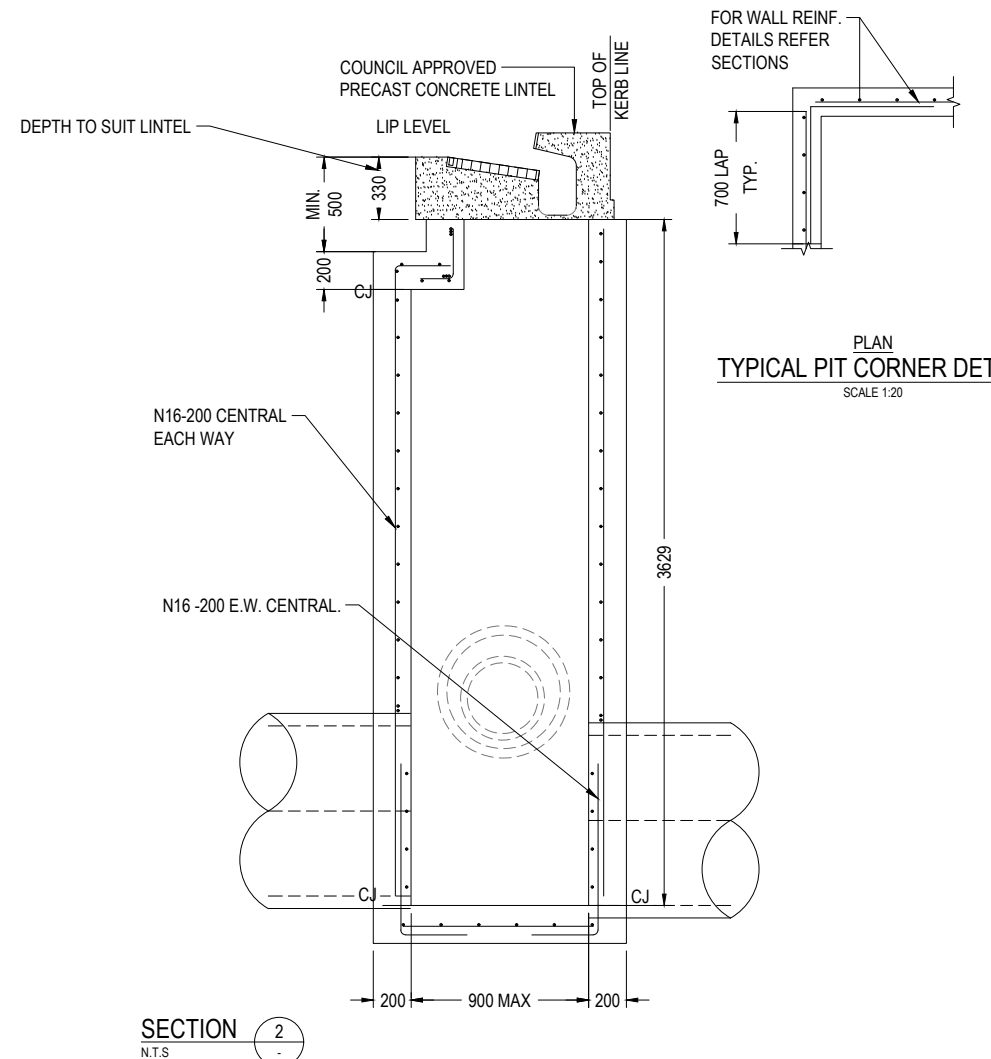
OVERSIZED KERB INLET PIT
PLAN DETAIL
N.T.S.



SECTION 1
N.T.S.



TRIMMER BAR DETAIL AT PIPE PENETRATION
N.T.S.



SECTION 2
N.T.S.

NOTES

1. STATE CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32 MPa
2. PITS AND LID SLABS TO BE CONSTRUCTED FROM 40MPa CONCRETE WITH 40 COVER U.N.O

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

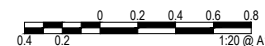
CLIENT



DESIGN TEAM



SCALE



PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE AS SHOWN

A1

COORDINATE SYSTEM

MGA 2020 ZONE 56

DATUM

AHD

SHEET SIZE

A1

PROJECT NUMBER

9470-11

DRAWING TITLE

STORMWATER PIT DETAIL
SF1-C PIT

DRAWING NUMBER

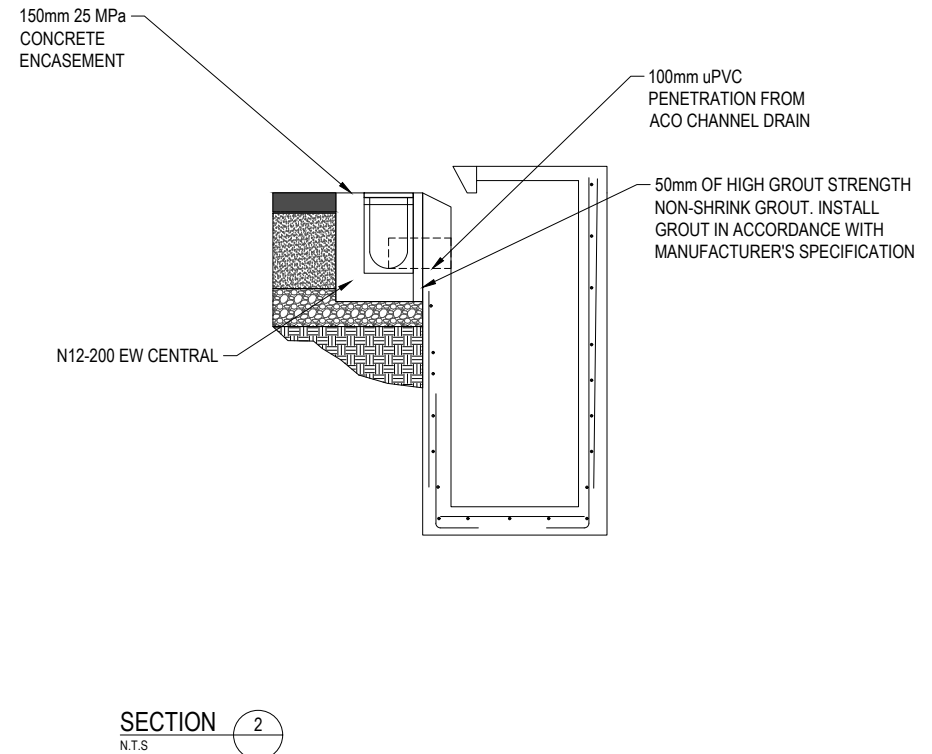
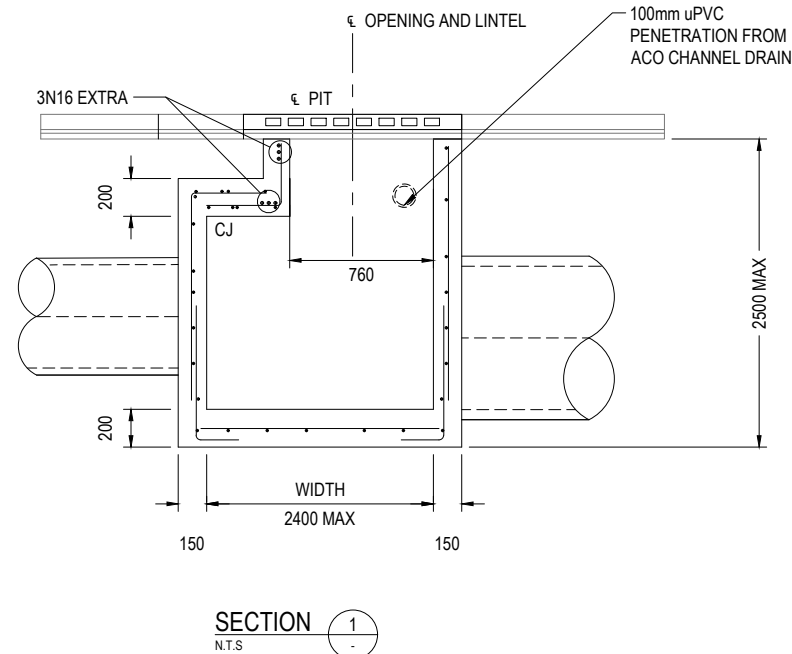
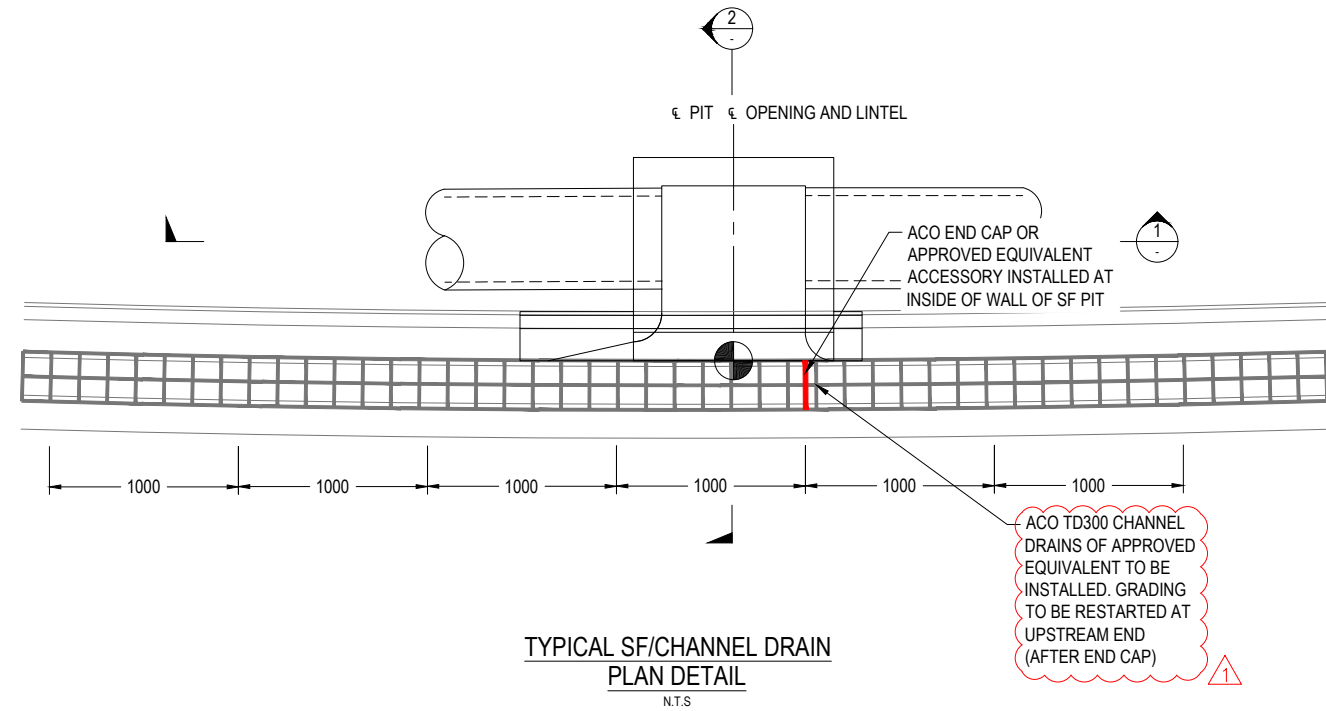
0353

REVISION

2

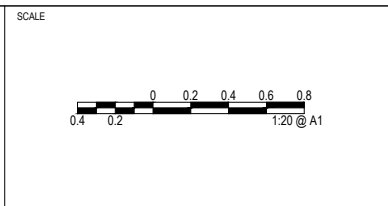
Last Saved: 15/06/2026 11:04:42 AM By: TIM NELL
Last Pooled: 15/06/2026 11:22:51 AM By: TIM NELL

CAD File: H:\9470 Tripoli Way Extension\30 Civil\30.1 Drawings\11 Miscellaneous\11-0350-S\11-0350-S\STORMWATER DETAILS.dwg



- NOTES
1. STATE CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32 MPa
 2. ACO TD300 CHANNEL DRAINS OR APPROVED EQUIVALENT TO BE INSTALLED IN 1m SECTIONS AT A MINIMUM 1% GRADE. TERMINATE DOWNSTREAM SF PIT
 3. INSTALL ACO DRAIN ACCORDING TO MANUFACTURERS SPECIFICATION
 4. CLASS D GRATE FOR TD300 CHANNEL DRAIN

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026



PROJECT TITLE
TRIPOLI WAY EXTENSION

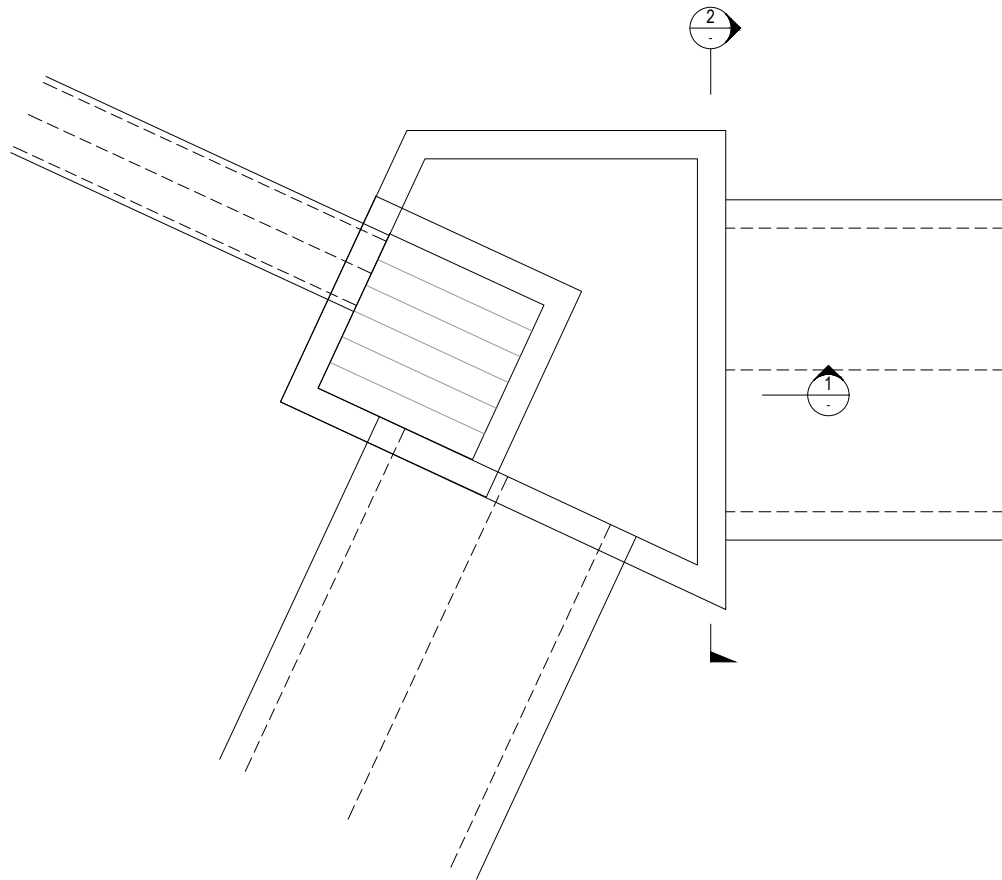
TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT SHELLHARBOUR CITY COUNCIL	DRAWING STATUS ISSUED FOR CONSTRUCTION	
SCALE AS SHOWN	COORDINATE SYSTEM MGA 2020 ZONE 56	DATUM AHD
SHEET SIZE A1	PROJECT NUMBER 9470-11	DRAWING NUMBER 0354

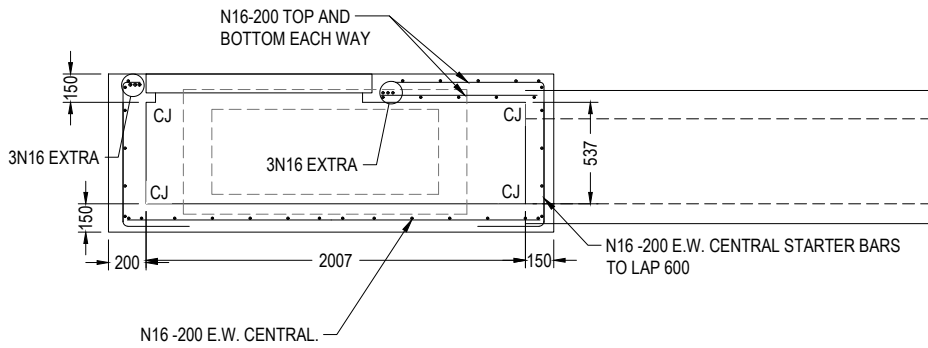
DRAWING TITLE STORMWATER PIT DETAIL EB-SW-3	REVISION 2
---	---------------

Last Saved: 15/06/2026 11:04:42 AM By: TIM NELL
Last Printed: 15/06/2026 11:22:51 AM By: TIM NELL

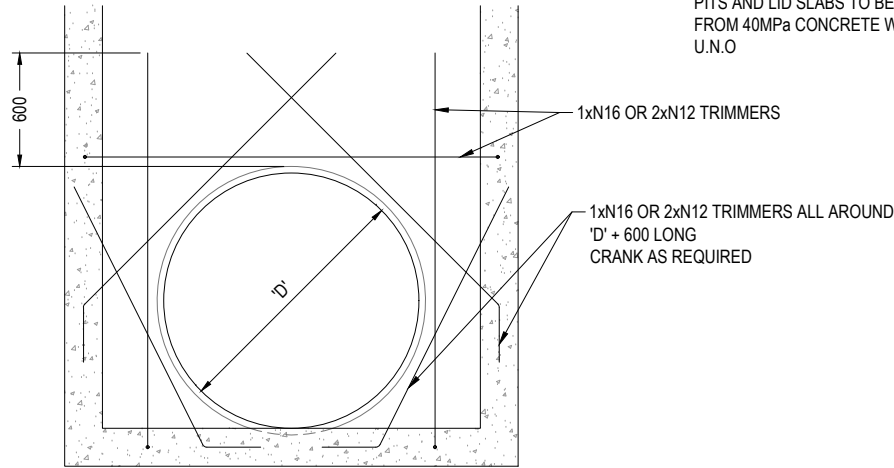
CAD File: H:\9470 Tripoli Way Extension\30 Civil\30.1 Drawings\11 Miscellaneous\01101 Current Drawings\9470-11-0355-SW\STORMWATER DETAILS.dwg



OVERSIZED KERB INLET EB-SW-3
PIT PLAN DETAIL
N.T.S



SECTION 1
N.T.S

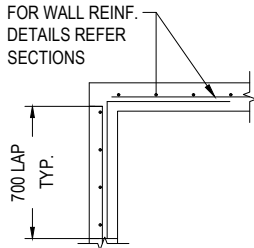


TYPICAL TRIMMER BAR DETAIL AT PIPE
PENETRATION
N.T.S

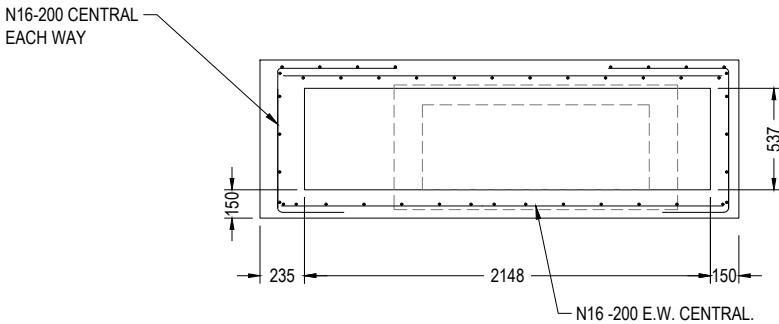
NOTES:
PITS AND LID SLABS TO BE CONSTRUCTED
FROM 40MPa CONCRETE WITH 40 COVER
U.N.O

NOTES

1. STATE CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32 MPa
2. PITS AND LID SLABS TO BE CONSTRUCTED FROM 40MPa CONCRETE WITH 40 COVER U.N.O



PLAN
TYPICAL PIT CORNER DETAIL
SCALE 1:20



SECTION 2
N.T.S

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

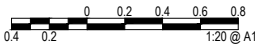
CLIENT



DESIGN TEAM



SCALE



PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE
AS SHOWN

SHEET SIZE
A1

COORDINATE SYSTEM
MGA 2020 ZONE 56

PROJECT NUMBER
9470-11

DATUM
AHD

DRAWING TITLE

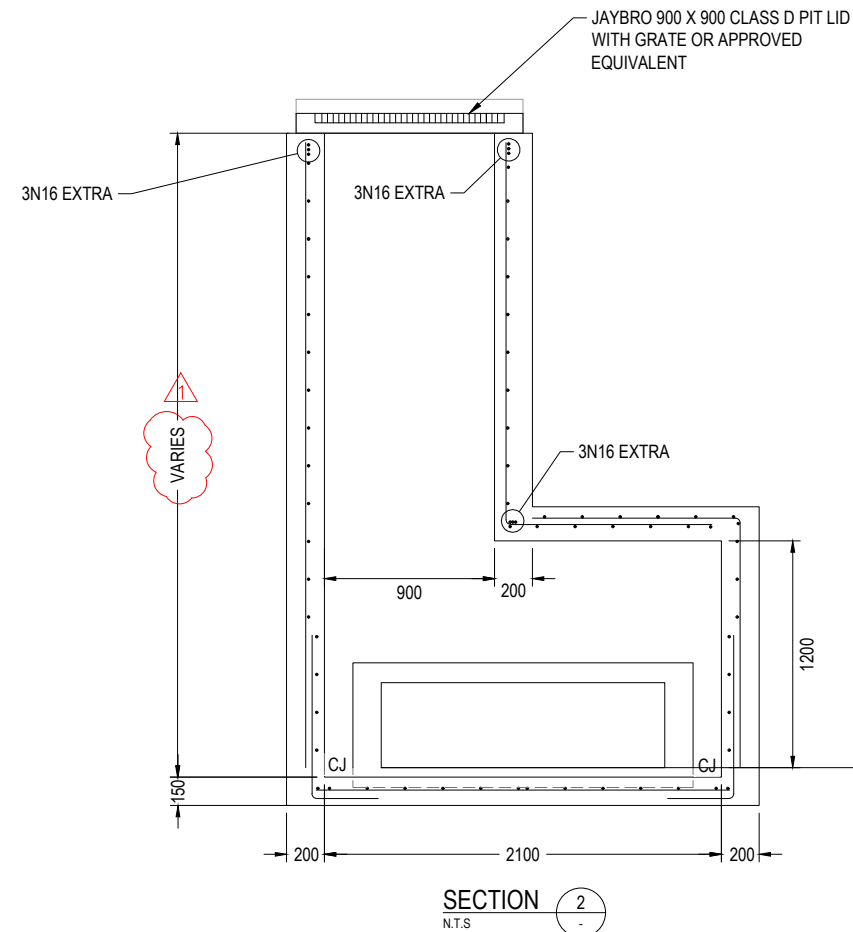
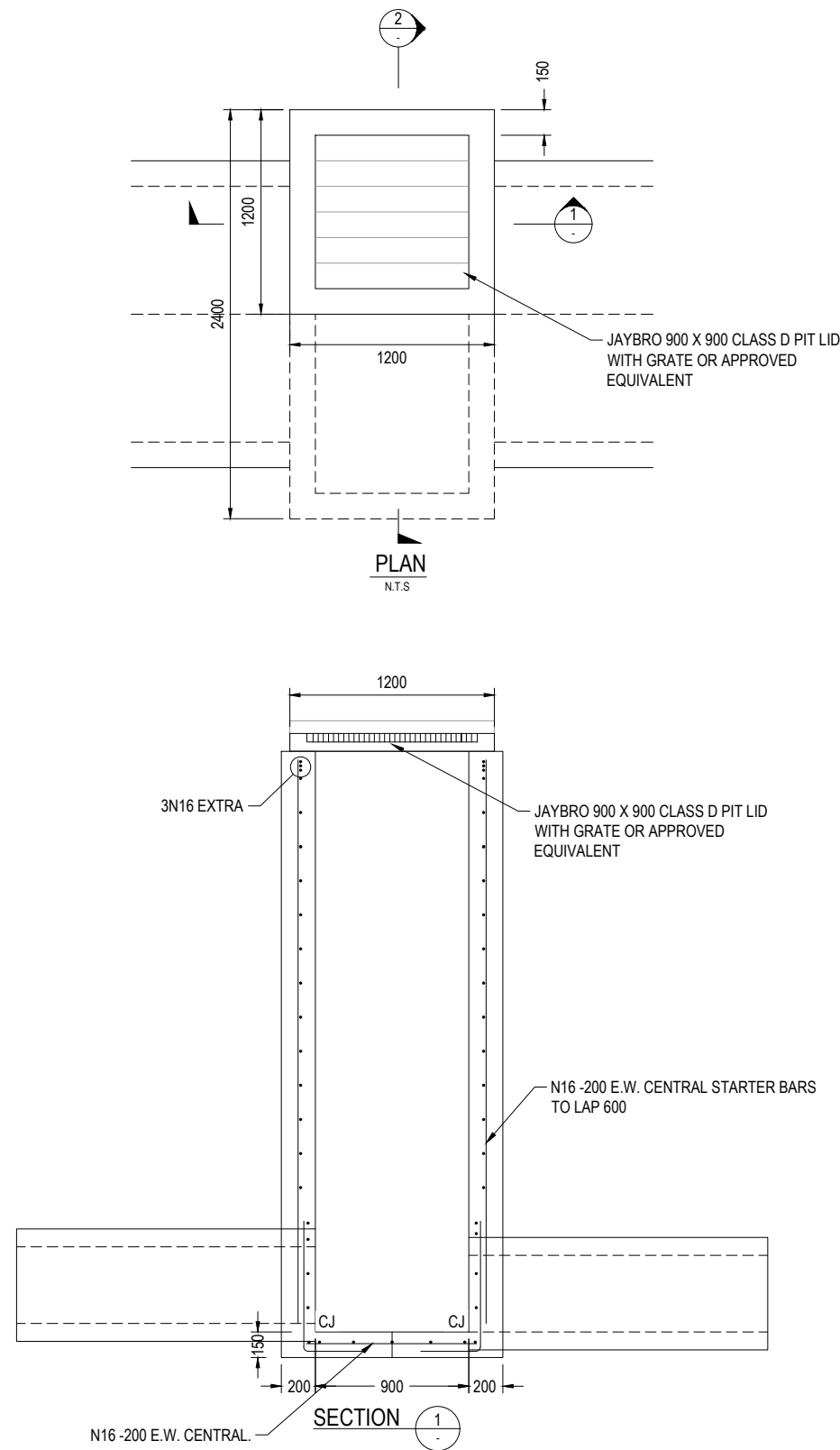
STORMWATER PIT DETAIL
STORMWATER PIT EJ-2 DETAILS

DRAWING NUMBER
0355

REVISION
2

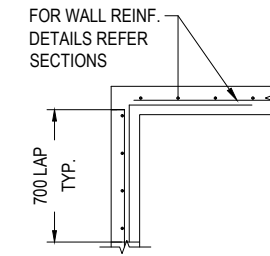
Last Saved: 15/06/2026 11:04:42 AM By: TIM NELL
Last Potted: 15/06/2026 11:22:52 AM By: TIM NELL

CAD File: H:\9470 Tripoli Way Extension\30 Civil\30.1 Drawings\11 Miscellaneous\01101 Current Drawings\9470-11-0350-SW-1\STORMWATER DETAILS.dwg



NOTES

1. STATE CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32 MPa
2. PITS AND LID SLABS TO BE CONSTRUCTED FROM 40MPa CONCRETE WITH 40 COVER U.N.O



PLAN
TYPICAL PIT CORNER DETAIL
SCALE 1:20

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

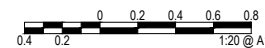
CLIENT



DESIGN TEAM



SCALE



PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE
AS SHOWN

SHEET SIZE
A1

COORDINATE SYSTEM
MGA 2020 ZONE 56

PROJECT NUMBER
9470-11

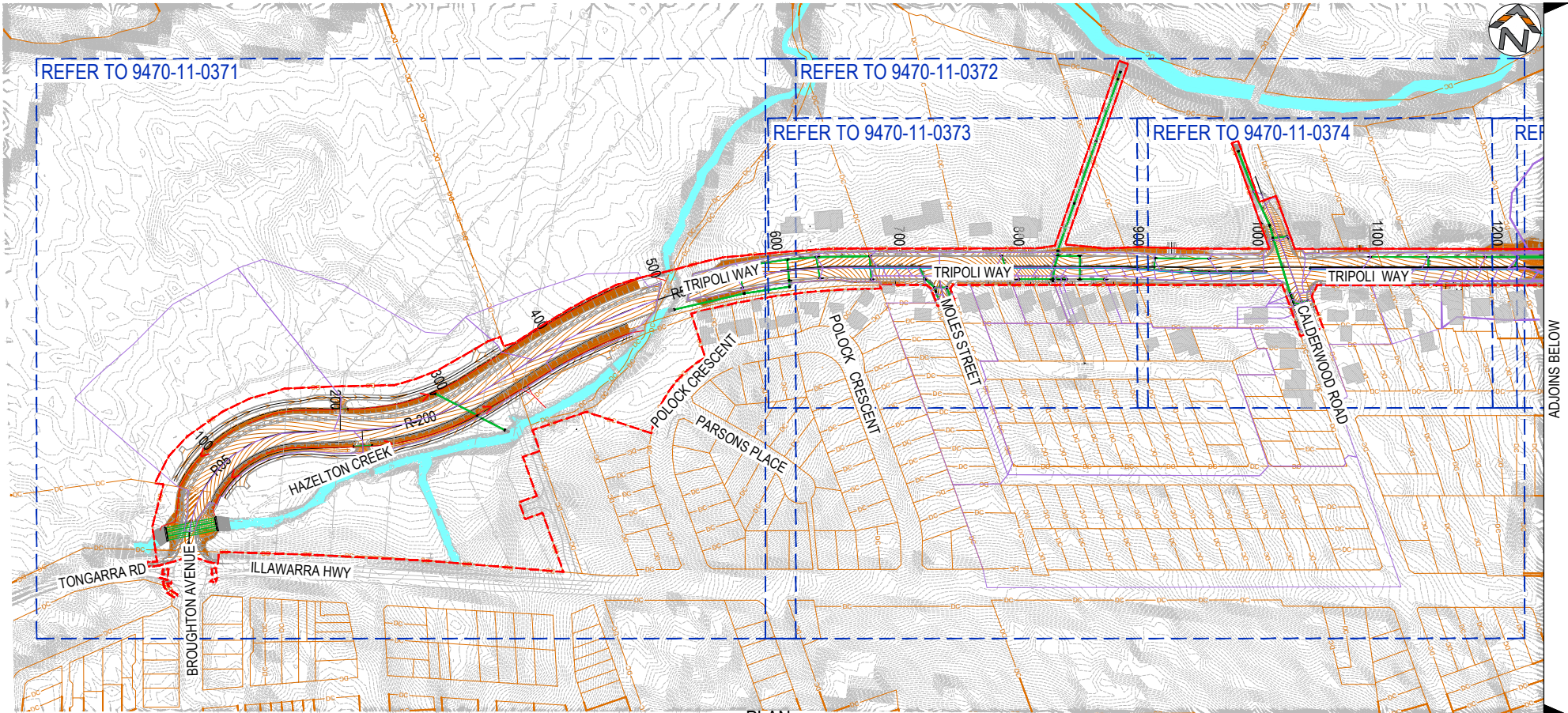
DATUM
AHD

DRAWING TITLE

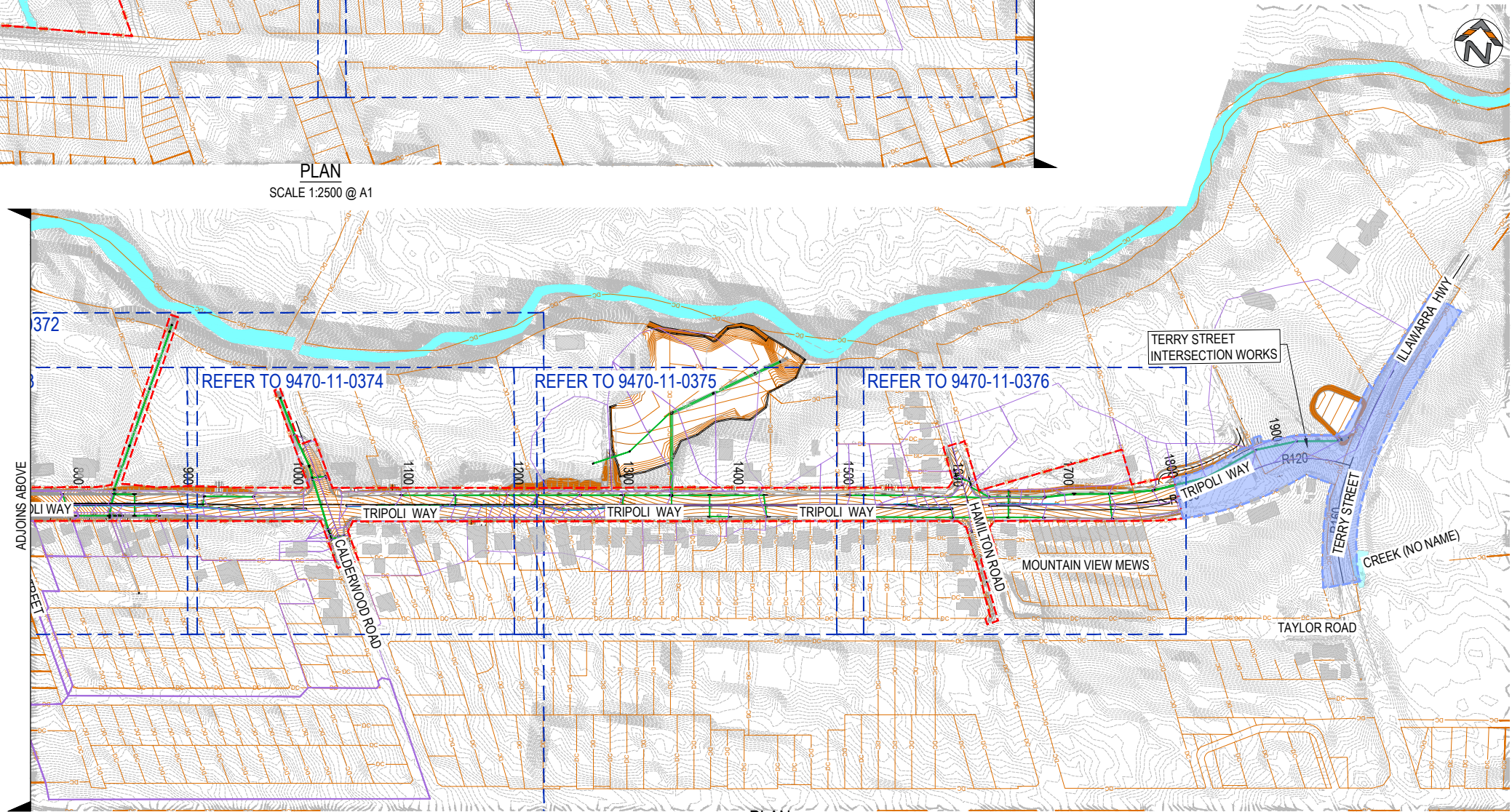
STORMWATER PIT DETAIL
GRATED JUNCTION PIT

DRAWING NUMBER
0356

REVISION
2



PLAN
SCALE 1:2500 @ A1



PLAN
SCALE 1:2500 @ A1

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

CLIENT



DESIGN TEAM



SCALE



PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE

1:2500

SHEET SIZE

A1

COORDINATE SYSTEM

MGA 2020 ZONE 56

PROJECT NUMBER

9470-11

DATUM

AHD

DRAWING TITLE

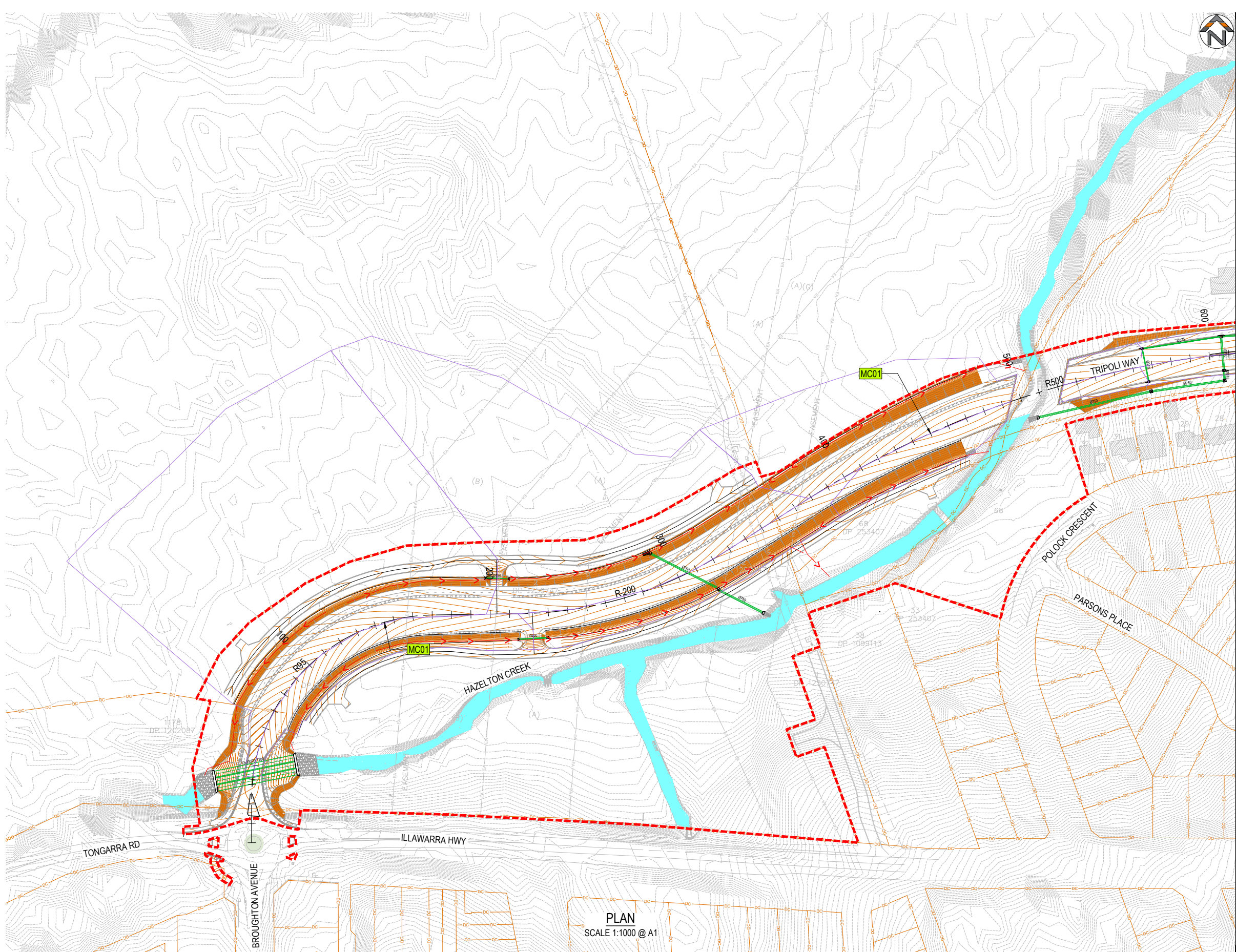
CATCHMENT KEY PLAN

DRAWING NUMBER

0370

REVISION

2



LEGEND	
C01-1	STORMWATER NODE
TD06	CHANNEL DRAIN NODE
→ → →	OVERLAND FLOW PATH
—	CATCHMENT BOUNDARY
—	MINOR CONTOUR LINE
—	MAJOR CONTOUR LINE
—	NEW STORMWATER
—	ACO TRAFFIKDRAIN
X X X X	RIP RAP

NOTES	
1.	REFER TO 9470-11-0003 FOR GENERAL NOTES AND LEGEND

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

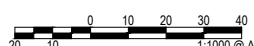
CLIENT


Shellharbour
CITY COUNCIL

DESIGN TEAM


www.indesco.com.au

SCALE


1:1000 @ A1

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE

1:1000

COORDINATE SYSTEM

MGA 2020 ZONE 56

DATUM

AHD

SHEET SIZE

A1

PROJECT NUMBER

9470-11

DRAWING TITLE

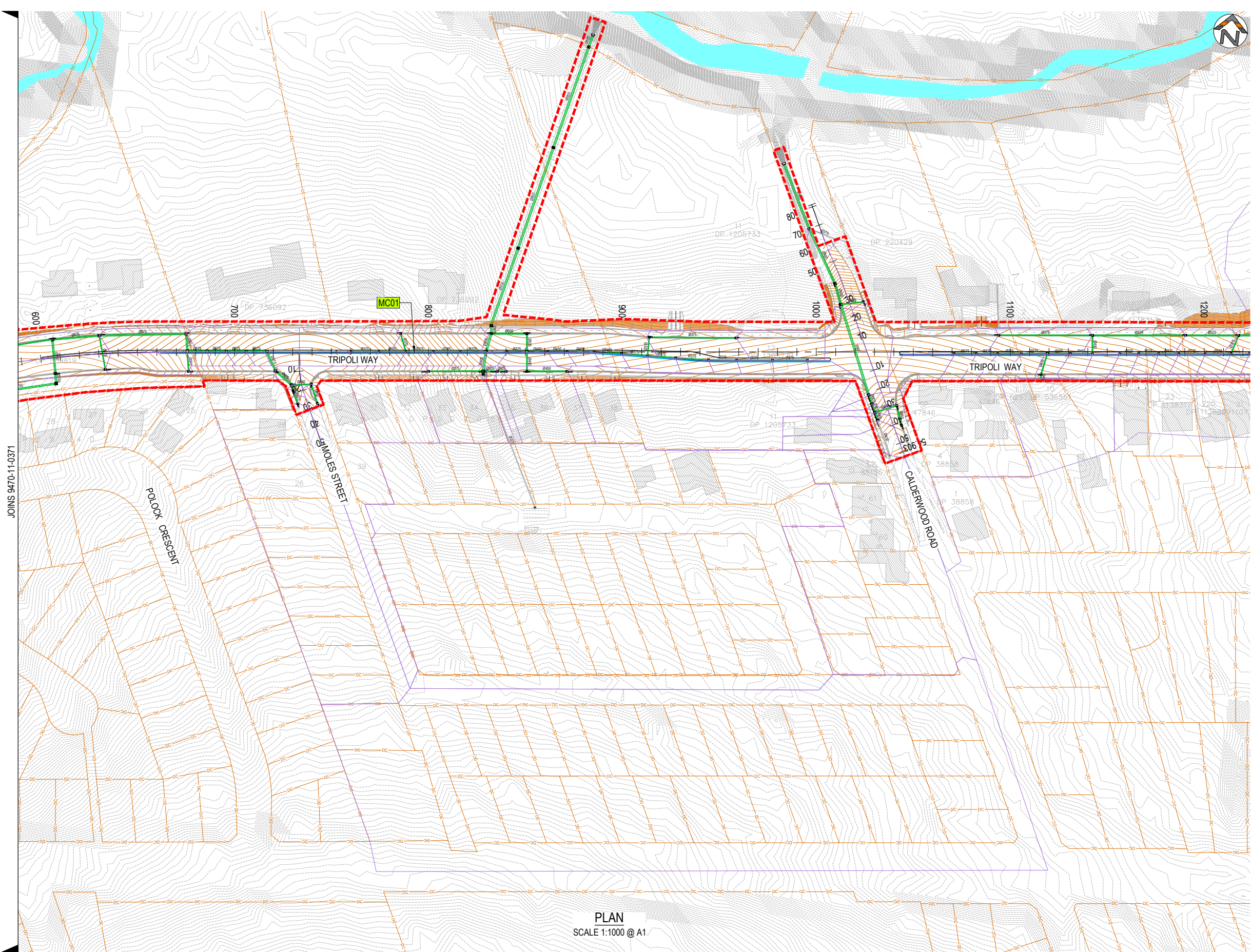
CATCHMENT PLAN - OVERALL
SHEET 01

DRAWING NUMBER

0371

REVISION

2



LEGEND	
	STORMWATER NODE
	CHANNEL DRAIN NODE
	OVERLAND FLOW PATH
	CATCHMENT BOUNDARY
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	NEW STORMWATER
	ACO TRAFFIKDRAIN
	RIP RAP

NOTES	
1.	REFER TO 9470-11-0003 FOR GENERAL NOTES AND LEGEND

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

CLIENT

DESIGN TEAM

SCALE

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE

1:1000

COORDINATE SYSTEM

MGA 2020 ZONE 56

DATUM

AHD

SHEET SIZE

A1

PROJECT NUMBER

9470-11

DRAWING TITLE

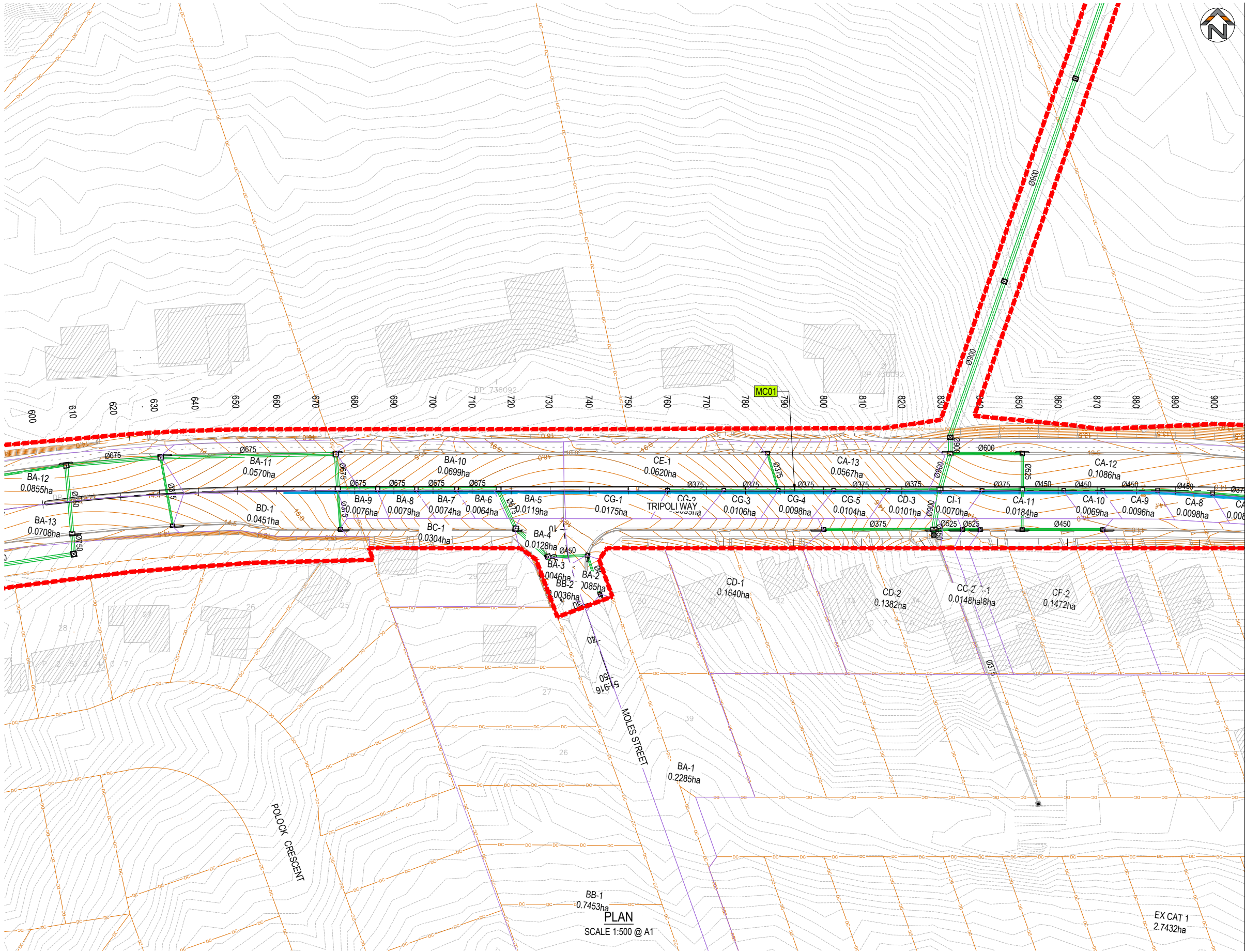
CATCHMENT PLAN - OVERALL
SHEET 02

DRAWING NUMBER

0372

REVISION

2



LEGEND

	STORMWATER NODE
	CHANNEL DRAIN NODE
	OVERLAND FLOW PATH
	CATCHMENT BOUNDARY
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	NEW STORMWATER
	ACO TRAFFIKDRAIN
	RIP RAP

NOTES

1. REFER TO 9470-11-0003 FOR GENERAL NOTES AND LEGEND

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

CLIENT

DESIGN TEAM

SCALE

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

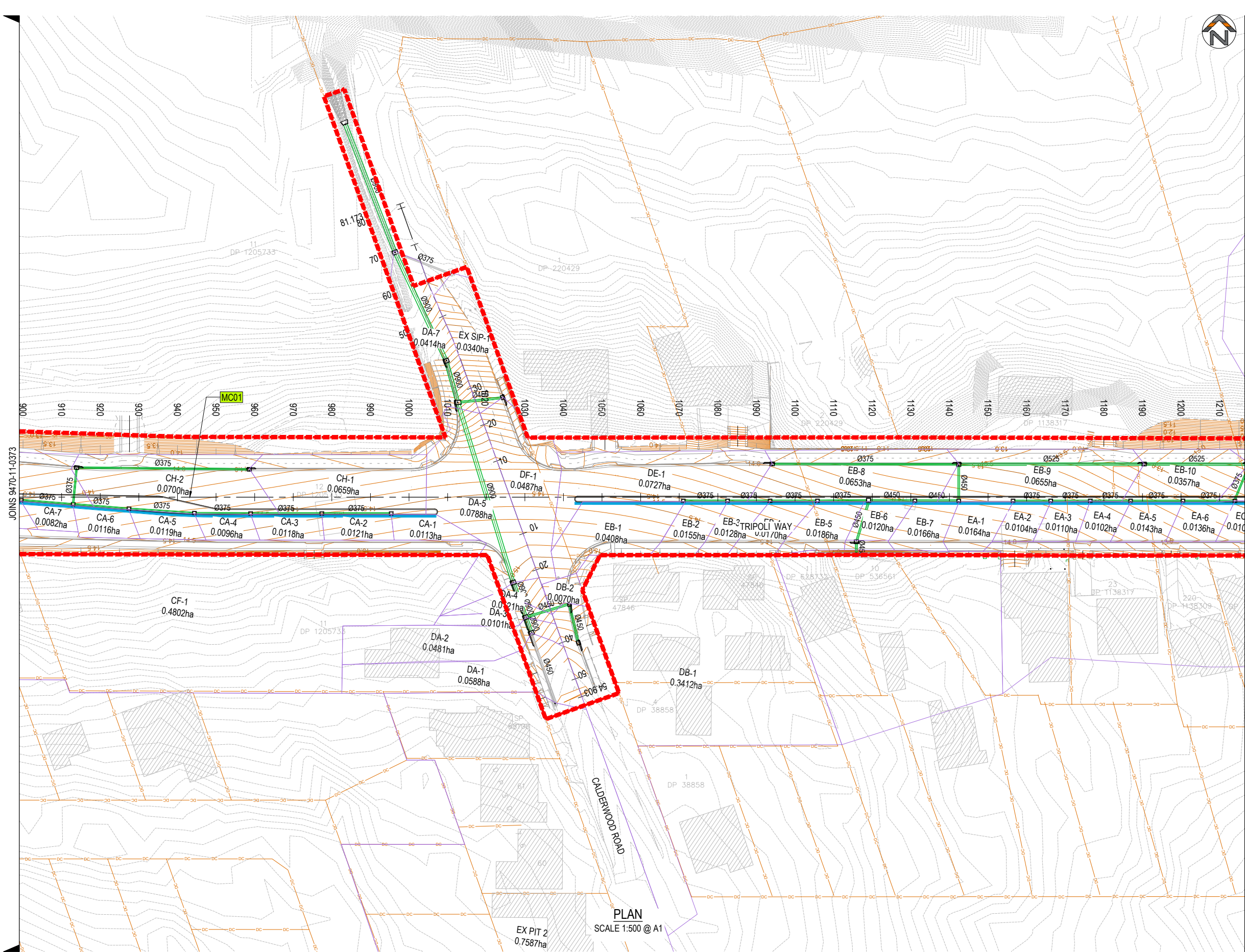
ISSUED FOR CONSTRUCTION

SCALE	COORDINATE SYSTEM	DATUM
1:500	MGA 2020 ZONE 56	AHD
SHEET SIZE	PROJECT NUMBER	
A1	9470-11	

DRAWING TITLE

CATCHMENT PLAN
SHEET 03

DRAWING NUMBER	REVISION
0373	2



LEGEND

C01-1

TD06

STORMWATER NODE

CHANNEL DRAIN NODE

OVERLAND FLOW PATH

CATCHMENT BOUNDARY

MINOR CONTOUR LINE

MAJOR CONTOUR LINE

NEW STORMWATER

ACO TRAFFIKDRAIN

RIP RAP

NOTES

1. REFER TO 9470-11-0003 FOR GENERAL NOTES AND LEGEND

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

CLIENT

SHELLHARBOUR CITY COUNCIL

DESIGN TEAM

INDESCO

www.indesco.com.au

SCALE

0 5 10 15 20

1:500 @ A1

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE

1:500

COORDINATE SYSTEM

MGA 2020 ZONE 56

DATUM

AHD

SHEET SIZE

A1

PROJECT NUMBER

9470-11

DRAWING TITLE

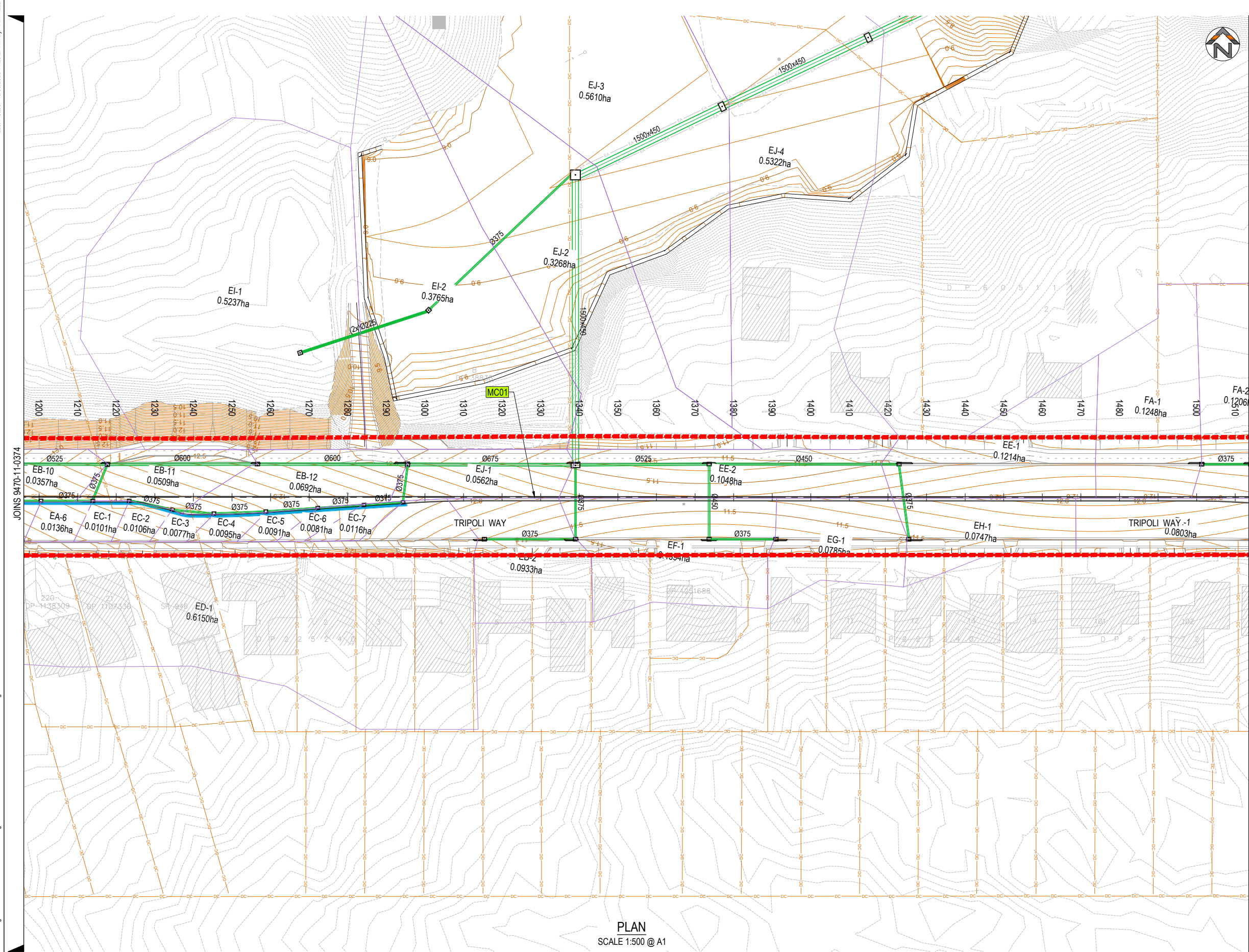
CATCHMENT PLAN SHEET 04

DRAWING NUMBER

0374

REVISION

2



LEGEND

C01-1

TD06

STORMWATER NODE

CHANNEL DRAIN NODE

OVERLAND FLOW PATH

CATCHMENT BOUNDARY

MINOR CONTOUR LINE

MAJOR CONTOUR LINE

NEW STORMWATER

ACO TRAFFIKDRAIN

RIP RAP

NOTES

1.

REFER TO 9470-11-0003 FOR GENERAL NOTES AND LEGEND

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE

1:500

COORDINATE SYSTEM

MGA 2020 ZONE 56

DATUM

AHD

DRAWING TITLE

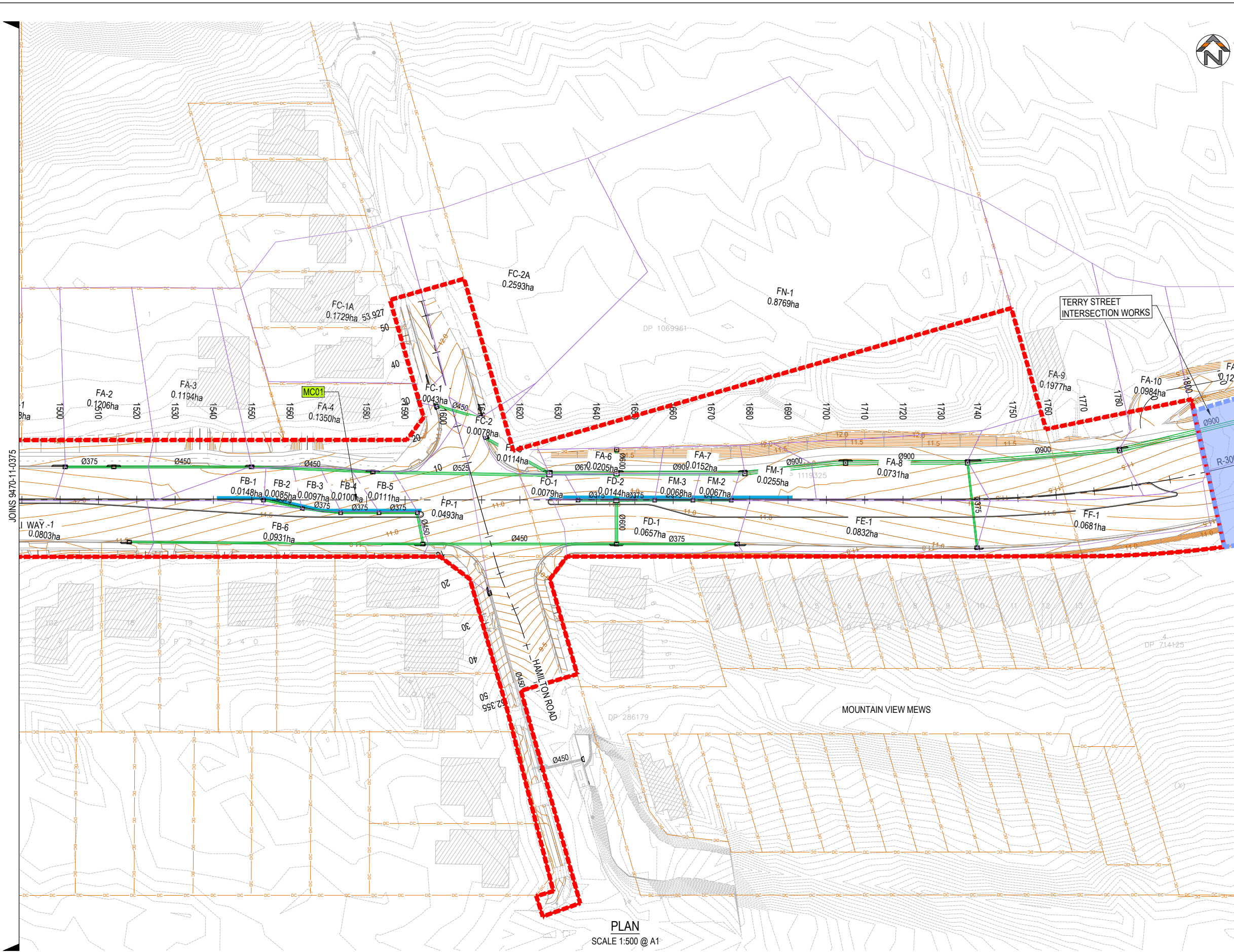
CATCHMENT PLAN SHEET 05

DRAWING NUMBER

0375

REVISION

2



PLAN
SCALE 1:500 @ A1

LEGEND	
	STORMWATER NODE
	CHANNEL DRAIN NODE
	OVERLAND FLOW PATH
	CATCHMENT BOUNDARY
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	NEW STORMWATER
	ACO TRAFFIKDRAIN
	RIP RAP

NOTES	
1.	REFER TO 9470-11-0003 FOR GENERAL NOTES AND LEGEND

REV.	DESCRIPTION	DRAWN	DESIGNED	VERIFIED	APPROVED	DATE
2	ISSUED FOR CONSTRUCTION	LW	TTN	TTN	AN	9/06/2026
1	ISSUED FOR TENDER	LW	TTN	TTN	AN	14/05/2026
0	ISSUED FOR TENDER	LW	TTN	AN	DB	27/03/2026

CLIENT



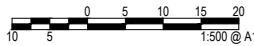
SHELLHARBOUR CITY COUNCIL

DESIGN TEAM



INDESCO
www.indesco.com.au

SCALE



0 5 10 15 20
1:500 @ A1

PROJECT TITLE

TRIPOLI WAY EXTENSION

TRIPOLI WAY FROM - BROUGHTON AVE
TO HAMILTON RD ALBION PARK NSW

CLIENT

SHELLHARBOUR CITY COUNCIL

DRAWING STATUS

ISSUED FOR CONSTRUCTION

SCALE 1:500	COORDINATE SYSTEM MGA 2020 ZONE 56	DATUM AHD
SHEET SIZE A1	PROJECT NUMBER 9470-11	

DRAWING TITLE

CATCHMENT PLAN
SHEET 06

DRAWING NUMBER 0376	REVISION 2
------------------------	---------------