ROAD RECONSTRUCTION MARTIN ST (SEGMENT 10)
BALLINA ISLAND

ISSUE A 2020 APRIL

CONSTRUCTION DRAWINGS

DRAWING	SHEET	ISSUE	DATE	TITLE
SR20_003_2	1 OF 7	A	23/04/2020	EXISTING CONDITIONS CLEARING AND DEMOLITION LAYOUT PLAN
SR20_003_2	2 OF 7	A	23/04/2020	ROAD LAYOUT PLAN
SR20_003_2	3 OF 7	A	23/04/2020	LONG SECTION AND CROSS SECTION PLAN
SR20_003_2	4 OF 7	A	23/04/2020	CROSS SECTION PLAN
SR20_003_2	5 OF 7	A	23/04/2020	STORMWATER LAYOUT PLAN
SR20_003_2	6 OF 7	A	23/04/2020	STORMWATER LONG SECTIONS
SR20_003_2	7 OF 7	A	23/04/2020	SIGNAGE, LINEMARKING & STREET FURNITURE PLAN



LOCALITY PLAN

ballina shire council

SP 79299

SP 72053

FOR DETAILS ON STORMWATER REPLACEMENT
REFER TO SHEET 5 AND 6

SECTION OF FOOTPATH TO BE REMOVED
SUBJECT TO OWNERS CONSENT. RETAIN
EXISTING HANDRAIL AND REINSTATE TGSI's

DHW
1.281

DH
1.842

150mm Ø STEEL

SECTION OF FOOTPATH TO BE REMOVED.
SECTION OF NEW 2.5m WIDE FOOTPATH TO
REPLACE OR ABUT EXISTING SECTION OF
FOOTPATH

REINSTATE NEW PAVED AREAS WITH BRICKS
RECLAIMED FROM THE EXTENDED PLANTER BED

TPZ OF TREE IN PLANTER BED OF 4.8m RADIUS
FOR A 400mm DIAMETER AT BREAST HEIGHT

REINSTATE UPRIGHT SECTION ON
EXISTING PRAM RAMP.

REMOVAL OF EXISTING RAISED PLANTER
BED AND SEAT FOR DISCUSSION

PM 3714
R.L 1.517

LOT 501
DP 729388

LOT 2
DP 747191

LOT 1
DP 747191

LOT 3
DP 47396

LEGEND

GENERAL

- EXISTING KERB & CHANNEL
- APPROXIMATE PROPERTY BOUNDARY
- EXISTING EDGE OF SEAL
- EXISTING FOR REMOVAL
- EXISTING CERAMIC PAVED FOOTPATH
- EXISTING BRICK CONCRETE FOOTPATH
- EXISTING ASPHALT SURFACE
- EXISTING CONCRETE FOOTPATH
- EXISTING LINEMARKING
- EXISTING RAISED PAVEMENT MARKERS (RRPM's)
- WATER BODY
- GRASS VERGE
- EXISTING RAISED PLANTER BED
- APPROXIMATE EXISTING BUILDING
- TOP OF BATTER (TOB)
- SURVEY MARKS
- EXISTING EXISTING TREE / VEGETATION

SERVICES & UTILITIES

- EXISTING GRAVITY SEWER FROM SURVEY
- DBYD GRAVITY SEWER (APPROX)
- DBYD SEWER RISING MAIN (APPROX)
- DBYD WATER (APPROX)
- DBYD TELSTRA APPROX
- OVERHEAD POWER (AERIAL & SURVEY)
- EXISTING LIGHT POLE
- DBYD FIBRE OPTIC (APPROX)
- STORMWATER FROM AERIAL AND SURVEY

WARNING

BEWARE OF UNDERGROUND SERVICES

THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

SCALES:

0 2.5 5 10 15

FULL SIZE 1:250 ; HALF REDUCTION 1:500
LENGTHS ARE IN METRES

DO NOT SCALE FROM DRAWING

No.	Date	By	Change	X'd
B	AUG 20	SA	UPDATED TO REVISED SCOPE	
A	SEP19	SA	-	

Amendments

ballina shire council

SURVEY	MARTIN 7082019	DESIGNED	SA
DATE	7/08/2019	DRAWN	SA
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING	MARTIN ST SEGMENT 10 RECONSTRUCTION		

SHEET 1 OF 7

BALLINA SHIRE COUNCIL

RECONSTRUCTION MARTIN ST SEGMENT 10
EXISTING CONDITIONS
CLEARING AND DEMOLITION LAYOUT PLAN

Scale: SCALE [H] 1:250 SCALE [V]

Plan No.: SR20_03_2

A1

SP 79299

SP 72053

NO 3D STRINGS PROVIDED FOR NEW 2.5m WIDE FOOTPATH. SET NORTHERN EDGE TO EXISTING LEVEL AND GRADE AT 2.5%. NEW FOOTPATH TO REPLACE OR ABUT EXISTING SECTION OF FOOTPATH.

FULL DIG OUT AND REPLACE VERSUS MILLING AND RESEAL OF EASTERN CARRIAGEWAY DEPENDENT ON BUDGET.

NEW SECTION OF KERB TO TIE INTO EXISTING

NEW KERB AND CHANNEL TO TIE INTO EXISTING

NEW PRAM RAMP FOR DISABILITY COMPLIANCE.

REINSTATE RECLAIMED SECTION OF ROAD. REPAVE WITH PAVERS RECOVERED FROM EXTENDED PLANTER BED

EXTEND EXISTING PLANTER BED AN RETAIN RAISED PLANTED FEATURE

LOT 501
DP 729388

LOT 2
DP 747191

LOT 1
DP 747191

LOT 3
DP 47396

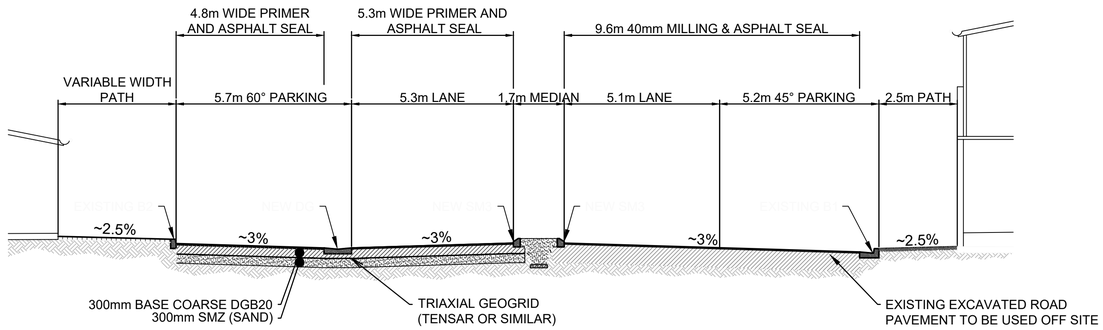
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LAYOUT PLAN

SCALE 1:250 @A1



TYPICAL CROSS SECTION

SCALE 1:100 @ A:1

LEGEND

GENERAL

- EXISTING KERB & CHANNEL
- PROPOSED KERB
- APPROXIMATE PROPERTY BOUNDARY
- EXISTING EDGE OF SEAL
- EXISTING CERAMIC TILE FOOTPATH
- EXISTING BRICK PAVED FOOTPATH
- PROPOSED BRICK PAVED FOOTPATH
- EXISTING ASPHALT SURFACE
- PROPOSED ASPHALT SURFACE
- EXISTING CONCRETE FOOTPATH
- PROPOSED CONCRETE FOOTPATH
- PROPOSED LINEMARKING
- WATER BODY
- GRASS VERGE
- EXISTING RAISED PLANTER BED
- PROPOSED PLANTER BED
- APPROXIMATE EXISTING BUILDING
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- EXISTING EXISTING TREE / VEGETATION
- PROPOSED TREE / VEGETATION

SERVICES & UTILITIES

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- DBYD GRAVITY SEWER (APPROX)
- DBYD SEWER RISING MAIN (APPROX)
- DBYD WATER (APPROX)
- DBYD TELSTRA APPROX
- OVERHEAD POWER (AERIAL & SURVEY)
- EXISTING LIGHT POLE PROPOSED CONCRETE
- DBYD FIBRE OPTIC (APPROX)
- EXISTING STORMWATER TO RETAIN
- EXISTING STORMWATER TO GROUT FILL
- EXISTING STORMWATER PIT TO RETROFIT
- PROPOSED STORMWATER

ABBREVIATIONS USED:

DG	DISH GUTTER
K & C	KERB AND CHANNEL
SM	SEMI-MOUNTABLE KERB
SM3	SEMI-MOUNTABLE KERB TYPE 3

SCALES:

0 2.5 5 10 15
FULL SIZE 1:250 ; HALF REDUCTION 1:500
LENGTHS ARE IN METRES

0 1 2.5 4 5
FULL SIZE 1:100 ; HALF REDUCTION 1:200
LENGTHS ARE IN METRES

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A	SEP19	SA	-	

Amendments

ballina shire council

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DATE	7/08/2019	DRAWN	SA
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING	MARTIN ST SEGMENT 10 RECONSTRUCTION		

SHEET 2 OF 7

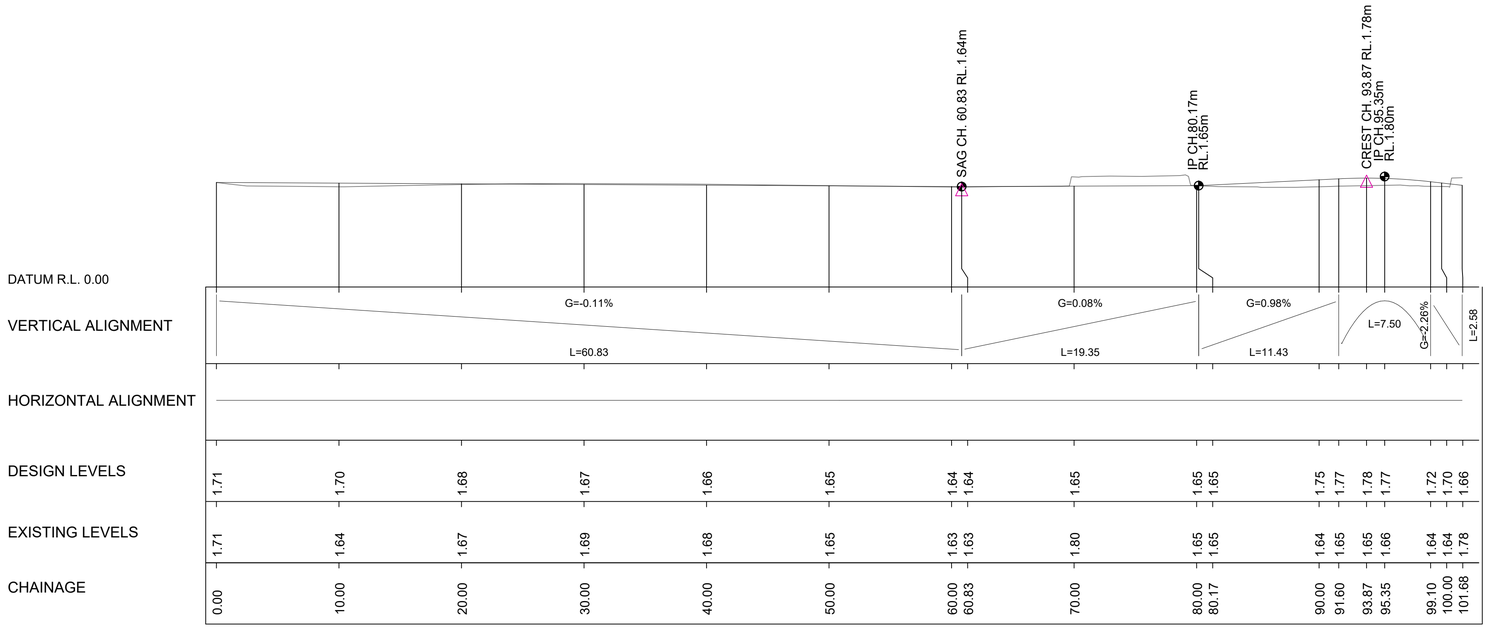
BALLINA SHIRE COUNCIL

RECONSTRUCTION MARTIN ST SEGMENT 10
ROAD LAYOUT PLAN

Scale: SCALE [H] 1:250 SCALE [V]

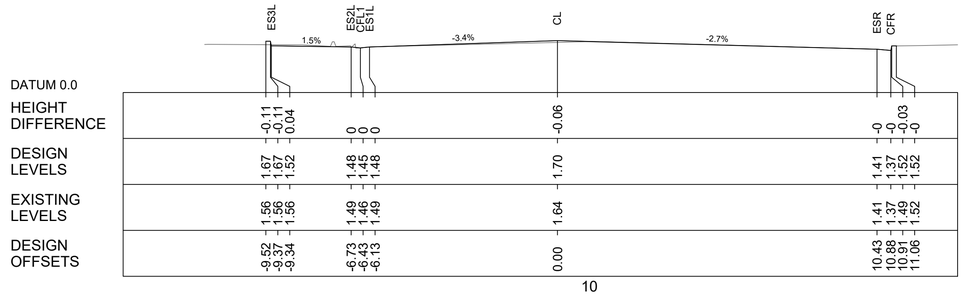
Plan No.: SR20_03_2

A1

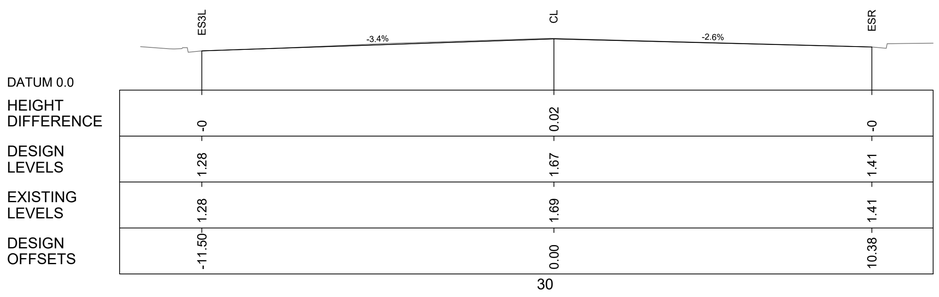


LONGITUDINAL SECTION

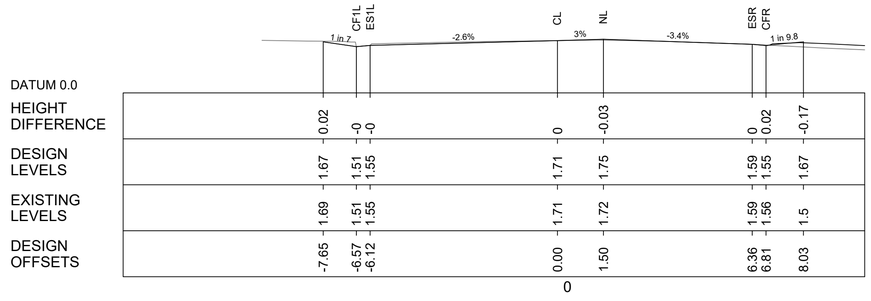
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SCALE H: 1:50 @A1



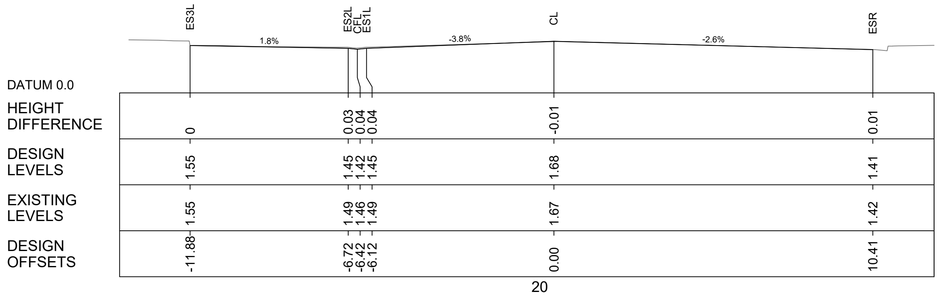
10



30



0



20

CROSS SECTIONS

SCALE 1:100 @ A:1

SCALES:

0 2.5 5 10 15
FULL SIZE 1:250 ; HALF REDUCTION 1:500
LENGTHS ARE IN METRES

0 0.5 1 2 3
FULL SIZE 1:50 ; HALF REDUCTION 1:100
LENGTHS ARE IN METRES

0 1 2.5 4 5
FULL SIZE 1:100 ; HALF REDUCTION 1:200
LENGTHS ARE IN METRES

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Amendments

ballina shire council

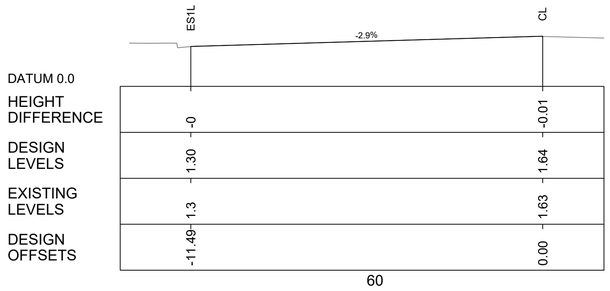
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SHEET 3 OF 7

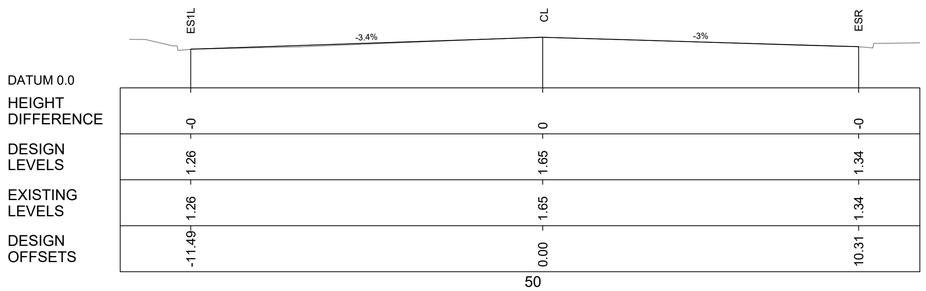
BALLINA SHIRE COUNCIL

RECONSTRUCTION MARTIN ST SEGMENT 10
LONG SECTION & CROSS SECTION PLAN

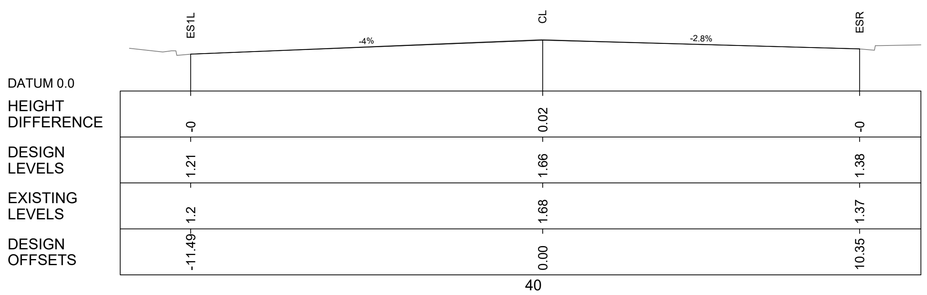
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Plan No.: SR20_03_2
A1



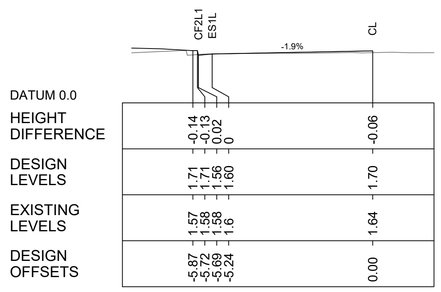
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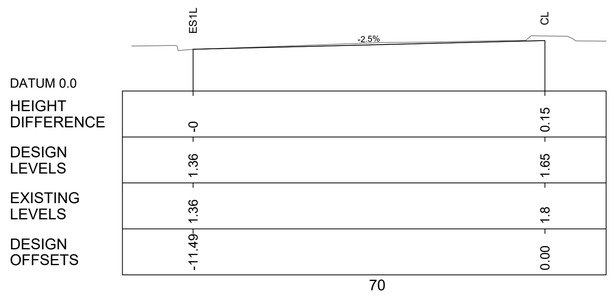


50



40





70

CROSS SECTIONS

SCALE 1:100 @ A:1

SCALES:

0 2.5 5 10 15
FULL SIZE 1:250 ; HALF REDUCTION 1:500
LENGTHS ARE IN METRES

0 0.5 1 2 3
FULL SIZE 1:50 ; HALF REDUCTION 1:100
LENGTHS ARE IN METRES

0 1 2.5 4 5
FULL SIZE 1:100 ; HALF REDUCTION 1:200
LENGTHS ARE IN METRES

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SHEET 4 OF 7

BALLINA SHIRE COUNCIL

RECONSTRUCTION MARTIN ST SEGMENT 10
CH40-CH100 CROSS SECTION PLAN

Scale: SCALE [H] 1:250, SCALE [V]

Plan No.: SR20_03_2

A1

SP 79299

SP 72053

PIT PROPOSED FOR GATING. EXPOSE PIT, MEASURE DIMENSIONS AND CONSULT WITH PETER BROWN ABOUT MODIFICATION OPTIONS

DHW 1.281

DH 1.842

GOOD WORKMANSHIP ON EXISTING CONNECTION TO TRUNK MAIN. REPLACE PIPE BUT RETAIN EXISTING CONNECTION

BURIED PITS TO BE BROUGHT TO PROPOSED FINISH SURFACE LEVEL AND FITTED WITH CLASS D BOLT DOWN LIDS

PIPE SIZE AND ALIGNMENT SUBJECT TO POTHOLING. GROUT FILL EXISTING PIPE TO AVOID CONFLICT WITH PLANTER BEDS AND SERVICES.

PM 3714
R.L 1.517

LOT 501
DP 729388

LOT 2
DP 747191

LOT 1
DP 747191

LOT 3
DP 47396

WARNING

BEWARE OF UNDERGROUND SERVICES

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LAYOUT PLAN

SCALE 1:250 @A1

LEGEND

GENERAL

- EXISTING KERB & CHANNEL
- PROPOSED KERB
- APPROXIMATE PROPERTY BOUNDARY
- EXISTING EDGE OF SEAL
- EXISTING CERAMIC TILE FOOTPATH
- EXISTING BRICK PAVED FOOTPATH
- PROPOSED BRICK PAVED FOOTPATH
- EXISTING ASPHALT SURFACE
- PROPOSED ASPHALT SURFACE
- EXISTING CONCRETE FOOTPATH
- PROPOSED LINEMARKING
- WATER BODY
- GRASS VERGE
- EXISTING RAISED PLANTER BED
- PROPOSED PLANTER BED
- APPROXIMATE EXISTING BUILDING
- TOP OF BATTER (TOB)
- SURVEY MARKS
- EXISTING EXISTING TREE / VEGETATION
- PROPOSED TREE / VEGETATION

SERVICES & UTILITIES

- EXISTING GRAVITY SEWER FROM SURVEY
- DBYD GRAVITY SEWER (APPROX)
- DBYD SEWER RISING MAIN (APPROX)
- DBYD WATER (APPROX)
- DBYD TELSTRA APPROX
- OVERHEAD POWER (AERIAL & SURVEY)
- EXISTING LIGHT POLE
- DBYD FIBRE OPTIC (APPROX)
- EXISTING STORMWATER TO RETAIN
- EXISTING STORMWATER TO REPLACE
- EXISTING STORMWATER TO GROUT FILL
- EXISTING STORMWATER PIT TO RETROFIT
- PROPOSED STORMWATER

ABBREVIATIONS USED:

DG	DISH GUTTER
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SCALES:

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A	SEP19	SA	-	

Amendments

ballina shire council

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DATUM	AHD	APPROVED	
DRAWING	MARTIN ST SEGMENT 10 RECONSTRUCTION		

SHEET 5 OF 7

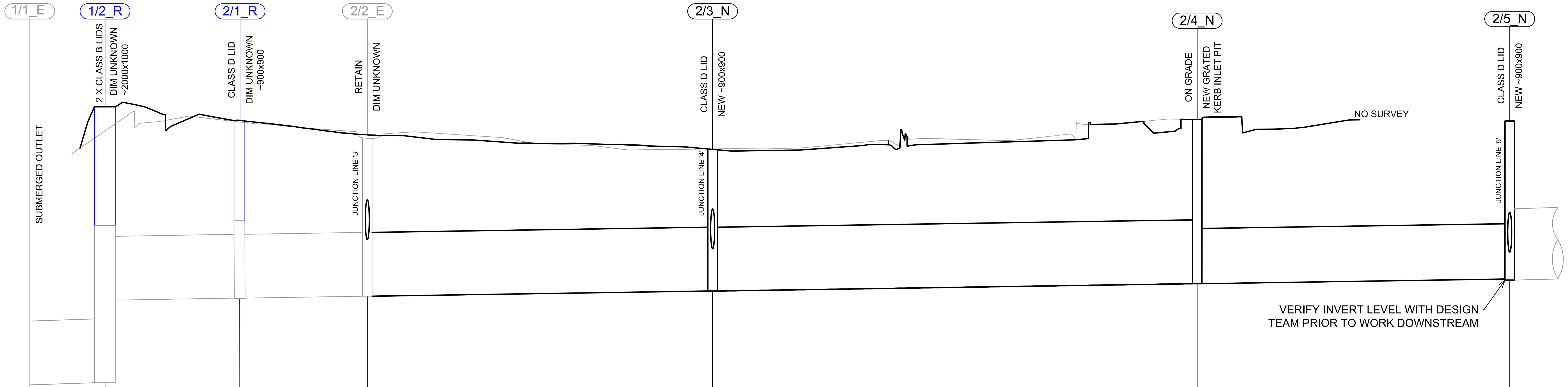
BALLINA SHIRE COUNCIL

RECONSTRUCTION MARTIN ST SEGMENT 10 STORMWATER LAYOUT PLAN

Scale: SCALE [H] 1:250 SCALE [V]

Plan No.: SR20_03_2

A1

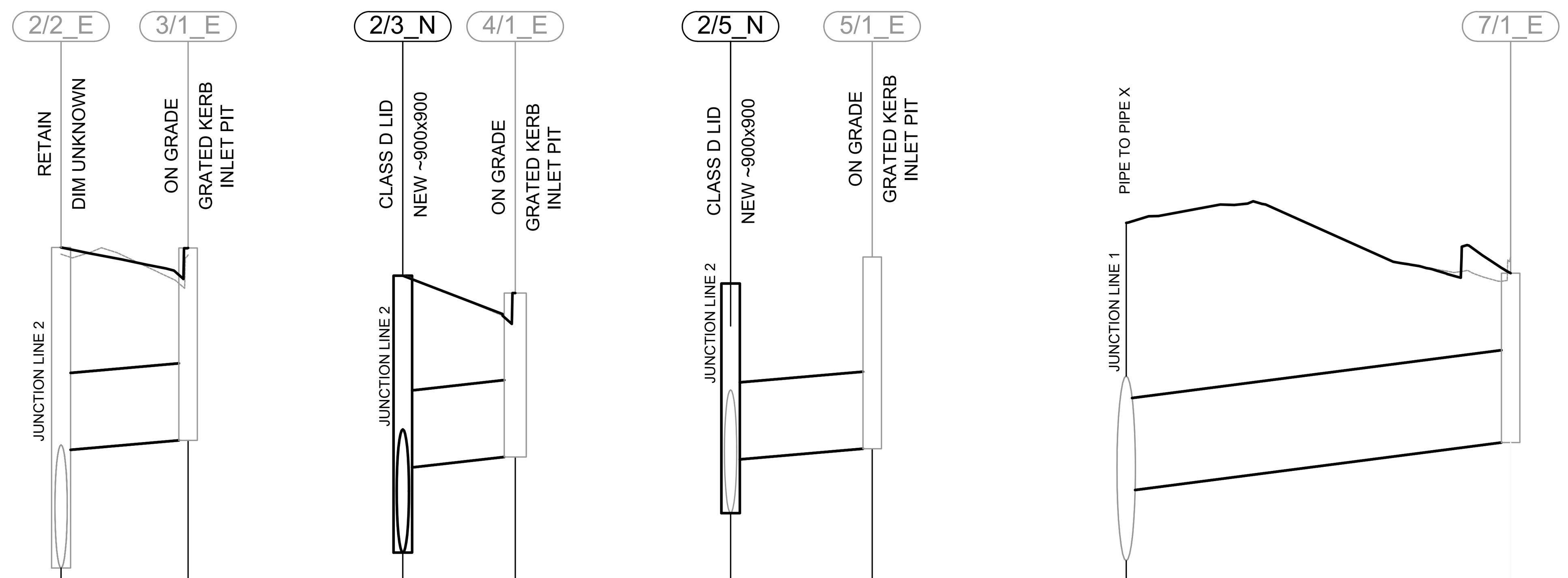


DATUM R.L -1.5

Segment	Pipe size	Class	Grade (%)	Length
1/1_E – 1/2_R	600Ø	RCP CLASS 4	0.28%	L=7.07
1/2_R – 2/1_R	600Ø	RCP CLASS 4	0.15%	L=12.68
2/1_R – 2/2_E	600Ø	RCP CLASS 4	0.15%	L=11.96
2/2_E – 2/3_N	600Ø	RCP CLASS 4	0.15%	L=32.45
2/3_N – 2/4_N	600Ø	RCP CLASS 4	0.15%	L=45.53
2/4_N – 2/5_N	TWIN 450Ø OR 600Ø	RCP CLASS 4	0.15%	L=29.43

Pit	DEPTH TO INVERT	INVERT LEVEL	PIT LID / GRATE LEVEL	CHAINAGE
1/1_E	0.64 / 0.64	-0.81 / -0.81		0.00
1/2_R	2.60 / 1.82	-0.80 / -0.02	1.80	7.07
2/1_R	1.67 / 1.67	0.00 / 0.00	1.67	19.75 / 2.54
2/2_E	1.52 / 1.52	0.02 / 0.02	1.54	31.71
2/3_N	1.33 / 1.33	0.07 / 0.07	1.40	64.16
2/4_N	1.39 / 1.39	0.14 / 0.14	1.53	109.69
2/5_N		0.18		139.12

LINE 2



Line	Pipe size & class	Grade (%)	Datum R.L	Length
LINE 3	375Ø RCP CLASS 4	0.75%	-1.00	L=6.19
LINE 4	375Ø RCP CLASS 4	0.92%	-1.00	L=6.75
LINE 5	375Ø RCP CLASS 4	0.75%	-1.00	L=6.90
LINE 7	450Ø RCP CLASS 4	1.27%	-1.00	L=18.57

Line / Pit	DEPTH TO INVERT	INVERT LEVEL	PIT LID / GRATE LEVEL	CHAINAGE
LINE 3 – 2/2_E	1.56 / 0.99	-0.03 / 0.55	1.54	0.00 / 5.50
LINE 3 – 3/1_E	0.94	0.60	1.53	6.19
LINE 4 – 2/3_N	1.35 / 0.93	0.05 / 0.47	1.40	0.00 / 4.86
LINE 4 – 4/1_E	0.80	0.52	1.31	5.48
LINE 5 – 2/5_N	1.12 / 0.86	0.17 / 0.50	1.36	0.00
LINE 5 – 5/1_E	0.93	0.56	1.49	6.90
LINE 7 – start	1.65 / 1.31	0.01 / 0.35	1.66	0.00
LINE 7 – 7/1_E	0.83	0.59	1.41	18.57

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE
- PIT TO LIFT/ MODIFY (2/1_R)
- NEW STORMWATER (2/3_N)
- EXISTING STORMWATER TO RETAIN (2/2_E)

WARNING

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NOTE

THE LOCATION AND INVERTS OF PITS AND PIPES SHOWN TO BE USED AS A GUIDE ONLY. DUE TO BURIED PITS, COLLAPSED PIPES AND UNKNOWN SERVICE DEPTHS THE ALIGNMENT AND DEPTH OF PIPES WILL NEED TO BE CONFIRMED ON-SITE

SCALES:

0 2.5 5 10 15

FULL SIZE 1:250 ; HALF REDUCTION 1:500
LENGTHS ARE IN METRES

DO NOT SCALE FROM DRAWING

Amendments

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B	AUG 20	SA	UPDATED TO REVISED SCOPE	
A	SEP19	SA	-	

ballina shire council

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SHEET 6 OF 7			

BALLINA SHIRE COUNCIL

RECONSTRUCTION MARTIN ST SEGMENT 10
STORMWATER LONG SECTIONS

Scale: SCALE [H] 1:250, SCALE [V]

Plan No. SR20_03_2

A1

9299

SP 72053

ADJUST TO THE LEFT HAND SIDE
OF THE EXISTING SIGN

DHW
1.281

45° ANGLE PARKING
FRONT IN
VEHICLES UNDER 6.4m ONLY

NO STOPPING

2P
8.5-12.5
8.5-12.5
8.5-12.5

R5-400

LOOK

KEEP LEFT

R2-3(D)

DO NOT QUEUE ACROSS ROUNDABOUT

R1-3

ONE WAY

R2-2(D)

DH
1.842

R2-17A

R5-1-3 (R)

R5-1-3 (L)

WHEEL STOPS

LOT 2
DP 747191

LOT 1
DP 747191

LOT 501
DP 729388

NO ENTRY

R2-4

LEGEND

GENERAL

- EXISTING KERB & CHANNEL
- PROPOSED KERB
- APPROXIMATE PROPERTY BOUNDARY
- EXISTING EDGE OF SEAL
- EXISTING CERAMIC TILE FOOTPATH
- EXISTING BRICK PAVED FOOTPATH
- PROPOSED BRICK PAVED FOOTPATH
- EXISTING ASPHALT SURFACE
- PROPOSED ASPHALT SURFACE
- EXISTING CONCRETE FOOTPATH
- PROPOSED CONCRETE FOOTPATH
- PROPOSED LINEMARKING
- WATER BODY
- GRASS VERGE
- EXISTING RAISED PLANTER BED
- PROPOSED PLANTER BED
- APPROXIMATE EXISTING BUILDING
- TOP OF BATTER (TOB)
- SURVEY MARKS
- EXISTING EXISTING TREE / VEGETATION
- PROPOSED TREE OR VEGETATED MEDIAN

- DIRECTION TACTILE GROUND SURFACE INDICATORS
- WARNING TACTILE GROUND SURFACE INDICATORS
- SIGN POSTS
- 2m WHEEL STOP

SCALES:

0 2.5 5 7.5 10

FULL SIZE 1:200 ; HALF REDUCTION 1:400
LENGTHS ARE IN METRES

DO NOT SCALE FROM DRAWING

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Amendments

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F.B. L.B.	SR20_03_2	CHECKED	MNF
DATUM	AHD	APPROVED	JF
DRAWING	MARTIN ST SEGMENT 10 RECONSTRUCTION		

SHEET 7 OF 7

BALLINA SHIRE COUNCIL

RECONSTRUCTION MARTIN ST SEGMENT 10 SIGNAGE, LINEMARKING & STREET FURNITURE PLAN

Scale: SCALE [H] 1:200 SCALE [V]

Plan No.: SR20_03_2

A1