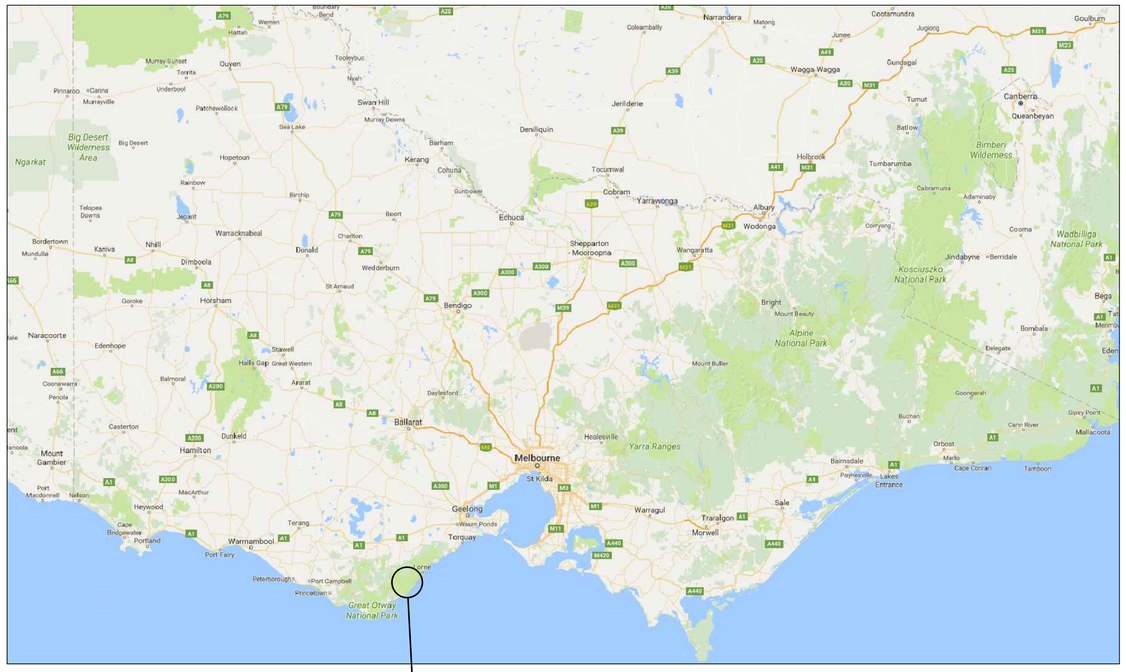
WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

FOR

COLAC OTWAY SHIRE



LOCALITY PLAN

NOT TO SCALE

SITE OF WORKS

LOCALITY PLAN

NOT TO SCALE

SITE OF WORKS

DRAWING REGISTER

DRAWING No.	DESCRIPTION
CONCEPT DESIGN	
V170115-CI-1000	GENERAL NOTES
WYE RIVER NORTH	
V170115-CI-2000	WYE RIVER NORTH OVERALL LAYOUT PLAN
V170115-CI-2010	WYE RIVER NORTH DETAILED LAYOUT PLAN SHEET 1 OF 7
V170115-CI-2011	WYE RIVER NORTH DETAILED LAYOUT PLAN SHEET 2 OF 7
V170115-CI-2012	WYE RIVER NORTH DETAILED LAYOUT PLAN SHEET 3 OF 7
V170115-CI-2013	WYE RIVER NORTH DETAILED LAYOUT PLAN SHEET 4 OF 7
V170115-CI-2014	WYE RIVER NORTH DETAILED LAYOUT PLAN SHEET 5 OF 7
V170115-CI-2015	WYE RIVER NORTH DETAILED LAYOUT PLAN SHEET 6 OF 7
V170115-CI-2016	WYE RIVER NORTH DETAILED LAYOUT PLAN SHEET 7 OF 7
V170115-CI-2050	WYE RIVER NORTH CATCHMENT PLAN
V170115-CI-2100	WYE RIVER NORTH LONGITUDINAL SECTION SHEET 1 OF 3
V170115-CI-2101	WYE RIVER NORTH LONGITUDINAL SECTION SHEET 2 OF 3
V170115-CI-2102	WYE RIVER NORTH LONGITUDINAL SECTION SHEET 3 OF 3
TYPICAL DETAILS	
V170115-CI-5000	TYPICAL DETAILS SHEET 1 OF 2
V170115-CI-5001	TYPICAL DETAILS SHEET 2 OF 2

WARNING

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Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2017	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2017	PRELIMINARY ISSUE	M.S	E.H	
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		Date
Drawn	J.O	26/06/2017
Checked	E.H	26/06/2017
Designed	M.S	26/06/2017
Verified		
Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: GENERAL NOTES

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale:

Size: A1

Drawing Number: V170115-CI-1000

Revision: 3

DATE PLOTTED: 18 August 2017 4:23 PM BY : JORDAN ORMEROD
XREF's:
CAD File: \\AUMELCFS01.cardno.corp\Vicdata1\20170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-1000.dwg

DATE PLOTTED: 18 August 2017 4:23 PM BY : JORDAN ORMEROD

XREFs: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SURVEY-3; XR-V170115-DRAINAGE; XR-V170115-CONTOURS_5m-1IN1500; XR-V170115-CATCHMENTS; XR-V170115-HOUSE NUMBERS
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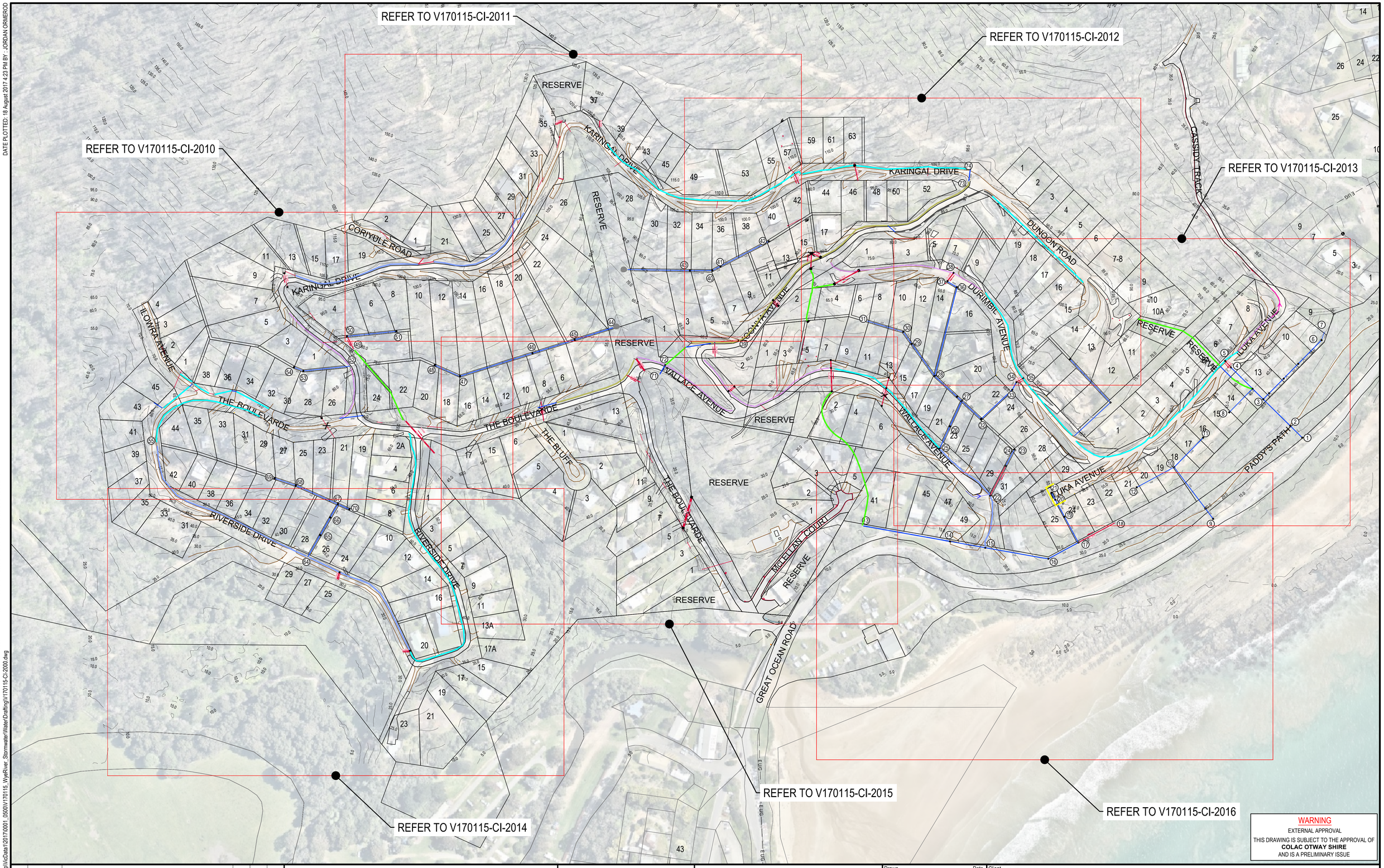

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SCALE 1:1500 @A1

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Approved		Date

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH
OVERALL LAYOUT PLAN

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:1500m
Size: A1

Drawing Number: V170115-CI-2000
Revision: 3

DATE PLOTTED: 18 August 2017 4:23 PM BY : JORDAN ORMEROD

LEGEND

	TITLE BOUNDARIES
	LOT BOUNDARIES
300Ø	PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
	EXISTING STORMWATER DRAINAGE
	EXISTING DRAINAGE WING WALL
	PROPOSED DRAINAGE WING WALL
	ROAD
	TRACK
	EXISTING BATTER TOP
	EXISTING BATTER BOTTOM
E OH	ELECTRICITY EXISTING OVERHEAD
E UG	ELECTRICITY EXISTING UNDERGROUND
	ELECTRICITY POLE
TELS	TELSTRA PIT
	TABLE DRAIN TYPE A
	TABLE DRAIN TYPE B
	TABLE DRAIN TYPE C
	TABLE DRAIN TYPE D
	TABLE DRAIN TYPE E
	TABLE DRAIN TYPE F
	TABLE DRAIN TYPE G
	TABLE DRAIN TYPE H
	TABLE DRAIN CENTRELINE
	EXISTING TABLE DRAIN
	TABLE DRAIN FLOW ARROWS
	BARRIER KERB
	EXISTING BARRIER KERB
	SPOON DRAIN
	EXISTING SPOON DRAIN
	KERB AND CHANNEL
	EASEMENT BUND

FOR CONTINUATION REFER TO DRAWING V170115-CI-2011

CORIYULE ROAD

KARINGAL DRIVE

ILOWIRA AVENUE

THE BOULEVARDE

MAINTAIN EXISTING SEDIMENT AND EROSION GABIONS.

UPGRADE EXISTING DRIVEWAY CROSSINGS ALONG KARINGAL DRIVE AS PER DETAILS.

EROSION PROTECTION.

UPGRADE EXISTING DRIVEWAY CROSSING WITH 2x450Ø OR BOX CULVERT AND ENDWALL AS PER DETAILS

UPGRADE EXISTING DRIVEWAY CROSSING WITH 2x450Ø OR BOX CULVERT AND ENDWALL AS PER DETAILS

SAG PIT

INSTALL 2x450Ø OR BOX CULVERT DRIVEWAY CROSSING WITH ENDWALL AS PER DETAILS

REFER TO LANDSCAPING PLANS FOR EASEMENT DRAINS VEGETATION DETAILS

CONSTRUCT SAG INLET PIT AND FENCING AS PER DETAILS

NEW CULVERT CROSSING

CROSS DRAIN TO BE REMOVED.

FOR CONTINUATION REFER TO DRAWINGS V170115-CI-2011 & 2015

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1	14/07/2017	PRELIMINARY ISSUE	M.S	E.H	

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SCALE 1:500 @A1

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Verified		
Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH
DETAILED LAYOUT PLAN
SHEET 1 OF 7

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-2010
Revision: 3

XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SURVEY-3; XR-V170115-CONTOURS_5m-1INS00; XR-V170115-CATCHMENTS; XR-V170115-WYE_NORTH-DRAINAGE; XR-V170115-IMAGE; XR-V170115-HOUSE NUMBERS

CAD File: \\AUMELCFS01.cardno.com\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2010-2016.dwg

DATE PLOTTED: 18 August 2017 4:23 PM BY : JORDAN ORMEROD

XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SURVEY-3; XR-V170115-CONTOURS_5m-1IN500; XR-V170115-CATCHMENTS; XR-V170115-WYE_NORTH-DRAINAGE; XR-V170115-HOUSE NUMBERS

CAD File: \\AUMELCFS01.cardno.corp\Vicdata1\2017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2010-2016.dwg

LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- 300Ø PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E OH ELECTRICITY EXISTING OVERHEAD
- E UG ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

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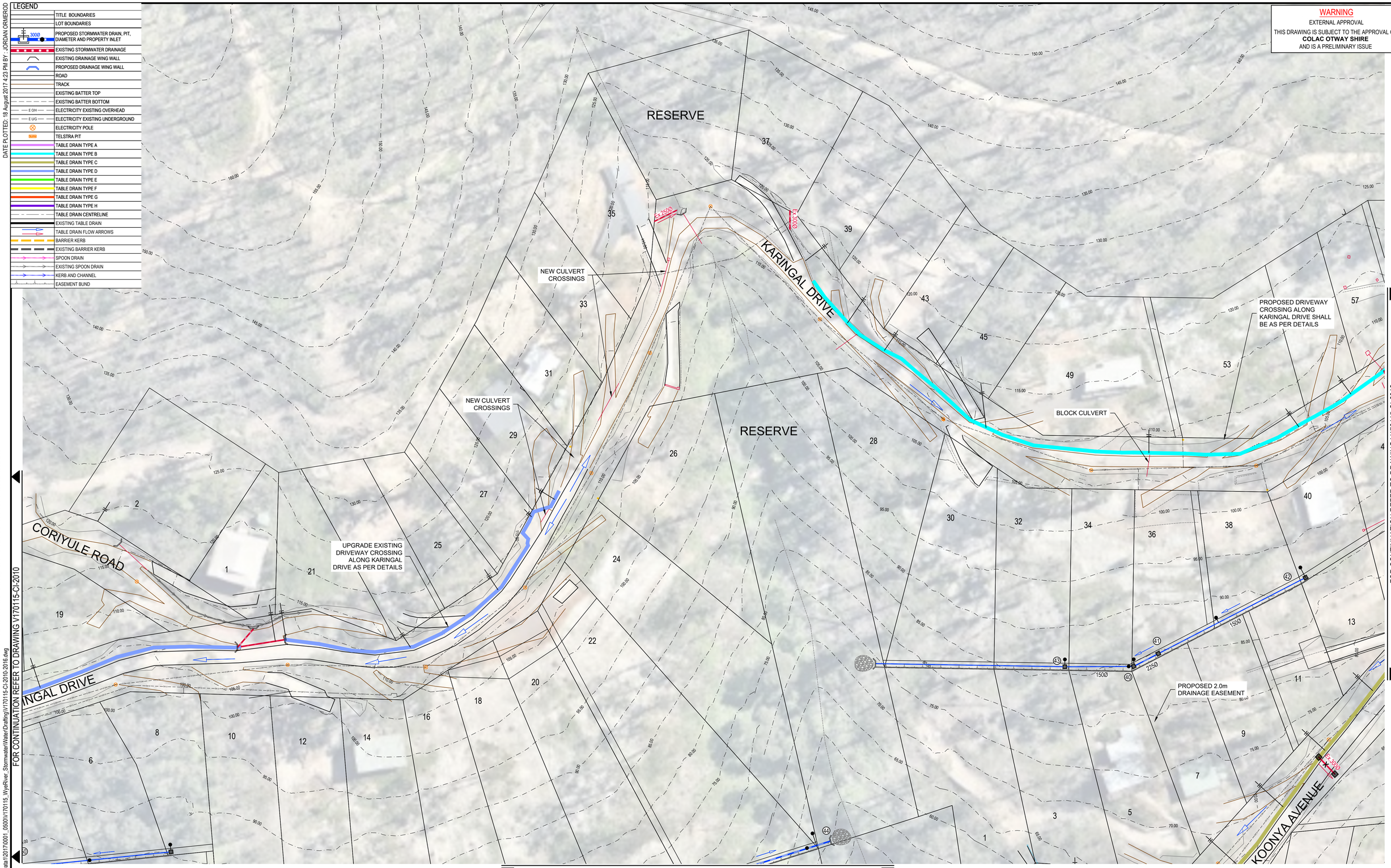

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SCALE 1:500 @A1

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Designed	M.S	26/06/2017
Verified		Date
Approved		Date

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH
DETAILED LAYOUT PLAN
SHEET 2 OF 7

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-2011
Revision: 3

DATE PLOTTED: 18 August 2017 4:23 PM BY: JORDAN ORMEROD

XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SURVEY-3; XR-V170115-CONTOURS_5m-1INS00; XR-V170115-CATCHMENTS; XR-V170115-WYE_NORTH-DRAINAGE; XR-V170115-HOUSE NUMBERS

CAD File: \\AUMELCFS01.cardno.com\VicData1\2017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2010-2016.dwg

LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- 300Ø PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E OH ELECTRICITY EXISTING OVERHEAD
- E UG ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
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- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

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REMOVE AND BLOCK CULVERT

INSTALL DRIVEWAY CROSSING AS PER DETAILS

BLOCK END OF PIPE AND RE-GRADE SECTION OF DRAIN TO REMOVE LOW POINT

BLOCK END OF PIPE AND RE-GRADE SECTION OF DRAIN TO REMOVE LOW POINT

CONSTRUCT SAG INLET PIT AND FENCING AS PER DETAILS

UPGRADE EXISTING DRIVEWAY CROSSING ALONG KARINGAL DRIVE AS PER DETAILS

KARINGAL DRIVE

SHALLOW TABLE DRAIN TO GRADE INTO KERB.

DUNOON ROAD

KOONYA AVENUE

REMOVE ROAD CROSSINGS AND CONNECT TO TABLE DRAINS.

UPGRADE ALL EXISTING DRIVEWAY CROSSING ALONG KOONYA AVENUE AS PER DETAILS

UPGRADE EXISTING INLET PIT AND PROVIDE FENCING AS PER DETAILS

UPGRADE ALL EXISTING DRIVEWAY CROSSINGS ALONG DURIMBIL AVENUE AS PER DETAILS

DURIMBIL AVENUE

REMOVE ROAD CROSSINGS AND CONNECT TO TABLE DRAINS.

REFER TO LANDSCAPING PLANS FOR EASEMENT DRAINS VEGETATION DETAILS

PROPOSED 2.0m DRAINAGE EASEMENT

REPLACE EXISTING HEADWALL WITH 900x900mm SAG INLET PIT AND MAKE GOOD

UPGRADE ALL EXISTING DRIVEWAY CROSSING ALONG KOONYA AVENUE AS PER DETAILS

FOR CONTINUATION REFER TO DRAWINGS V170115-CI-2011 & 2015

FOR CONTINUATION REFER TO DRAWING V170115-CI-2013

FOR CONTINUATION REFER TO DRAWINGS V170115-CI-2013 & 2015

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Approved		

Client: COLAC OTWAY SHIRE

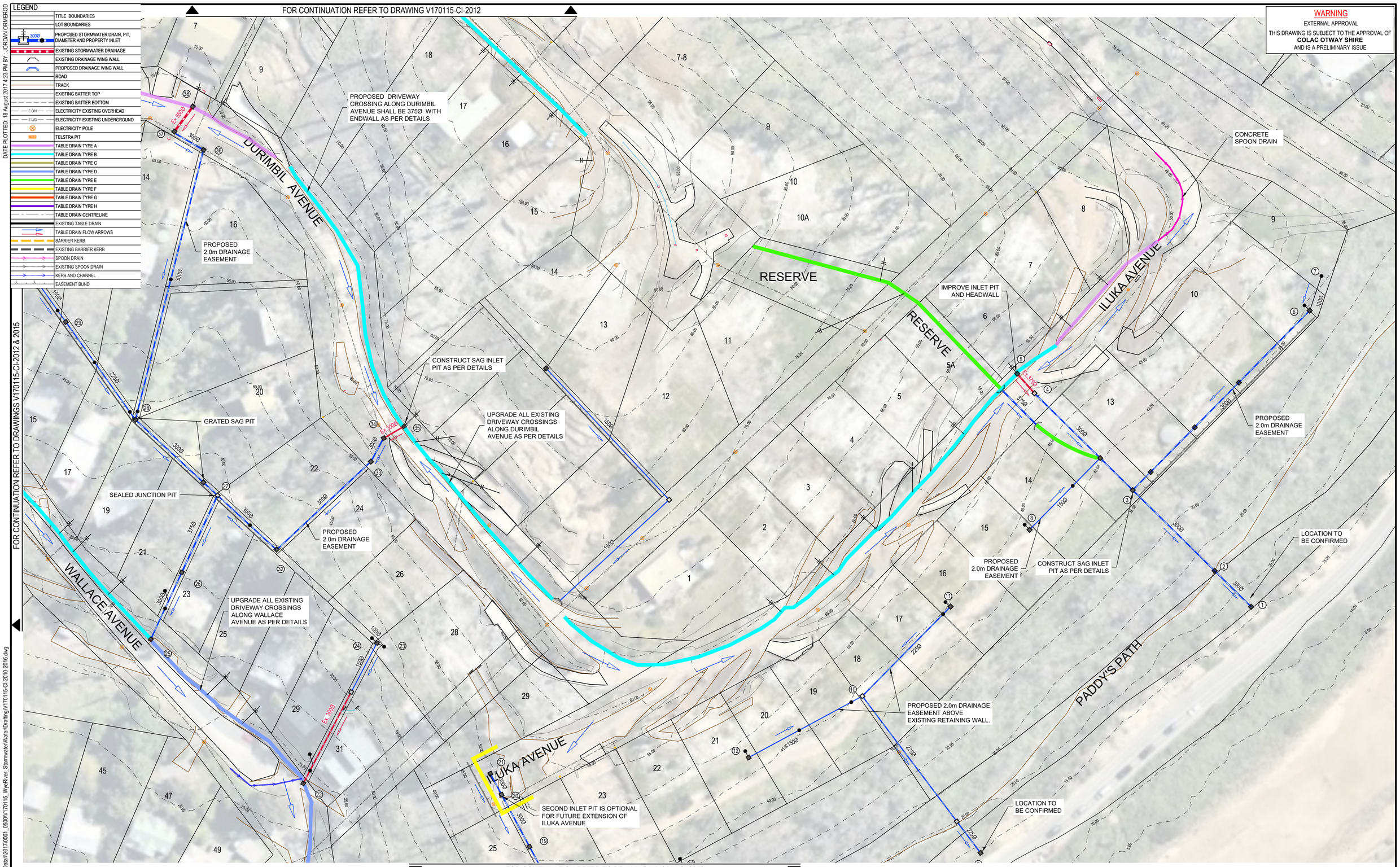
Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH
DETAILED LAYOUT PLAN
SHEET 3 OF 7

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-2012
Revision: 3



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Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH
DETAILED LAYOUT PLAN
SHEET 4 OF 7

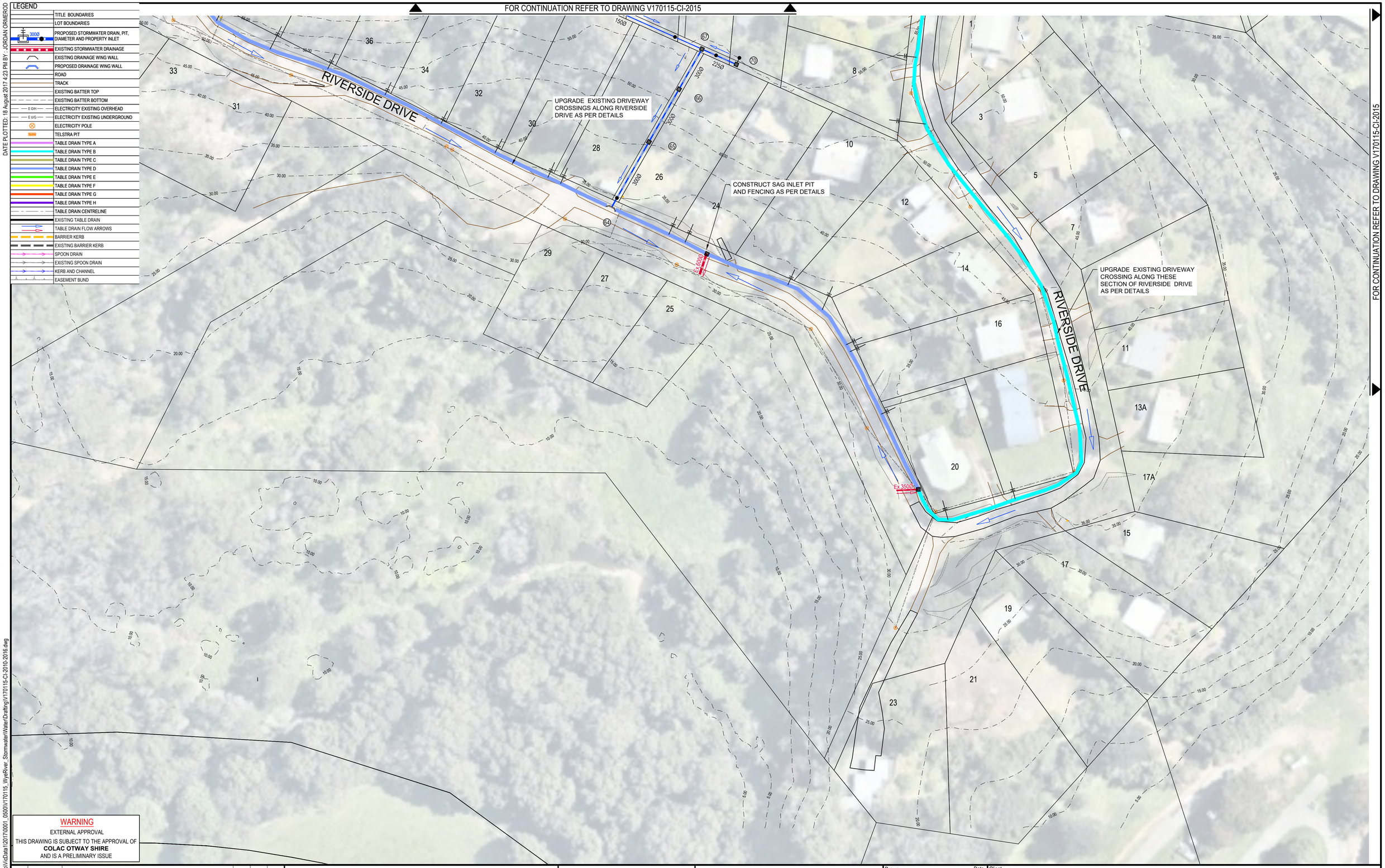
Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-2013
Revision: 3

DATE PLOTTED: 18 August 2017 4:23 PM BY : JORDAN ORMEROD
XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SURVEY-3; XR-V170115-CONTOURS_5m-1IN500; XR-V170115-CATCHMENTS; XR-V170115-WYE_NORTH-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\Vic\Data\120\170001_05000\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2010-2016.dwg

FOR CONTINUATION REFER TO DRAWING V170115-CI-2015



FOR CONTINUATION REFER TO DRAWING V170115-CI-2015

LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- 300Ø — PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E OH — ELECTRICITY EXISTING OVERHEAD
- E UG — ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA — TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

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SCALE 1:500 @A1

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Verified		Date
Approved		Date

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH
DETAILED LAYOUT PLAN
SHEET 5 OF 7

Status: PRELIMINARY
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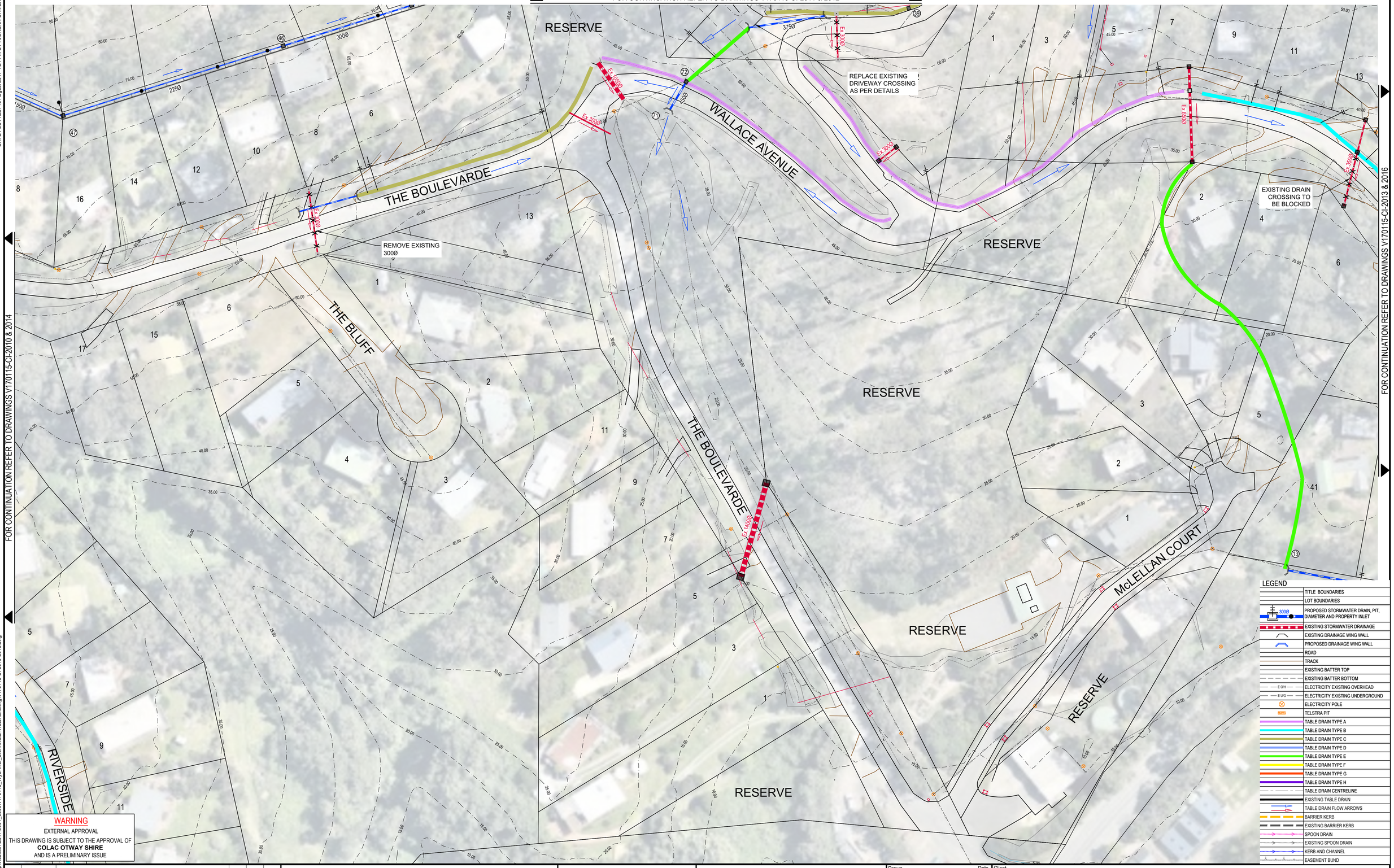
Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-2014
Revision: 3

DATE PLOTTED: 18 August 2017 4:23 PM BY : JORDAN ORMEROD
XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SURVEY-3; XR-V170115-CONTOURS_5m-1IN500; XR-V170115-CATCHMENTS; XR-V170115-WYE_NORTH-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\Vicdata\12017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2010-2016.dwg

FOR CONTINUATION REFER TO DRAWINGS V170115-CI-2011 & 2012



FOR CONTINUATION REFER TO DRAWINGS V170115-CI-2010 & 2014

FOR CONTINUATION REFER TO DRAWINGS V170115-CI-2013 & 2016

LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- 300Ø PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E OH ELECTRICITY EXISTING OVERHEAD
- E UG ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELS TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

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AND IS A PRELIMINARY ISSUE

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2023	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2023	PRELIMINARY ISSUE	M.S	E.H	
1	14/07/2017	PRELIMINARY ISSUE	M.S	E.H	

0 10 20m
SCALE 1:500 @A1
NORTH

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		Date
Drawn	J.O	26/06/2017
Checked	E.H	26/06/2017
Designed	M.S	26/06/2017
Verified		Date
Approved		Date

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH
DETAILED LAYOUT PLAN
SHEET 6 OF 7

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-2015
Revision: 3

DATE PLOTTED: 18 August 2017 4:24 PM BY : JORDAN ORMEROD

XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SURVEY-3; XR-V170115-CONTOURS_5m-1IN500; XR-V170115-CATCHMENTS; XR-V170115-WYE_NORTH-DRAINAGE; XR-V170115-HOUSE NUMBERS

CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2010-2016.dwg

FOR CONTINUATION REFER TO DRAWING V170115-CI-2013

FOR CONTINUATION REFER TO DRAWING V170115-CI-2015

DATE PLOTTED: 18 August 2017 4:24 PM BY: ..JORDAN ORMEROD

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0 10 20m

SCALE 1:500 @A1

NORTH

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Drawn	J.O	26/06/2017
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Designed	M.S	26/06/2017
Verified		
Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH
DETAILED LAYOUT PLAN
SHEET 7 OF 7

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m

Size: A1

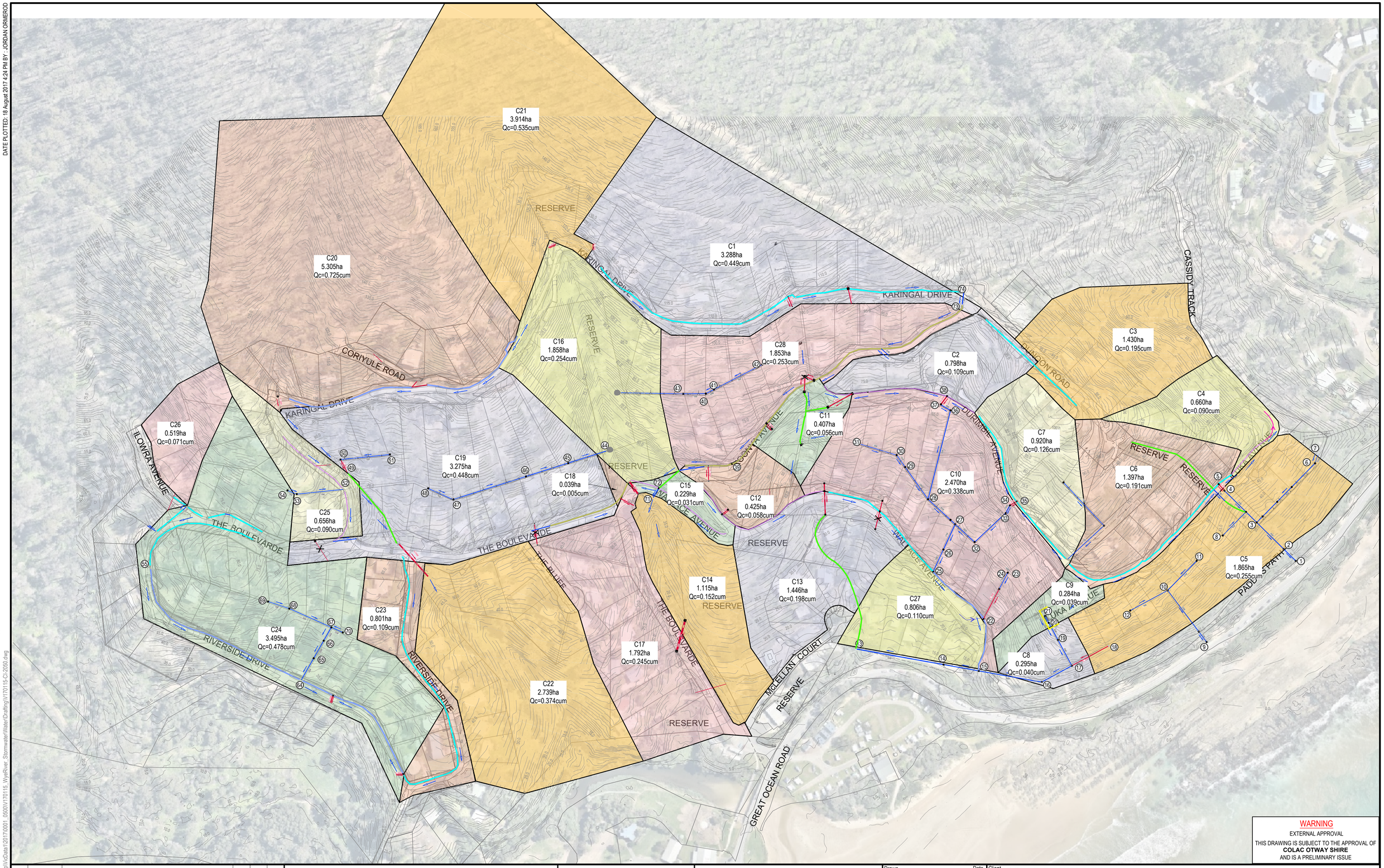
Drawing Number: V170115-CI-2016

Revision: 3

XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SURVEY-3; XR-V170115-CONTOURS_5m-1IN500; XR-V170115-CATCHMENTS; XR-V170115-WYE_NORTH-DRAINAGE; XR-V170115-HOUSE NUMBERS

CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2010-2016.dwg

DATE PLOTTED: 18 August 2017 4:24 PM BY: JORDAN ORMEROD



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0 50m
SCALE 1:1500 @A1

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Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH CATCHMENT PLAN

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:1500m
Size: A1

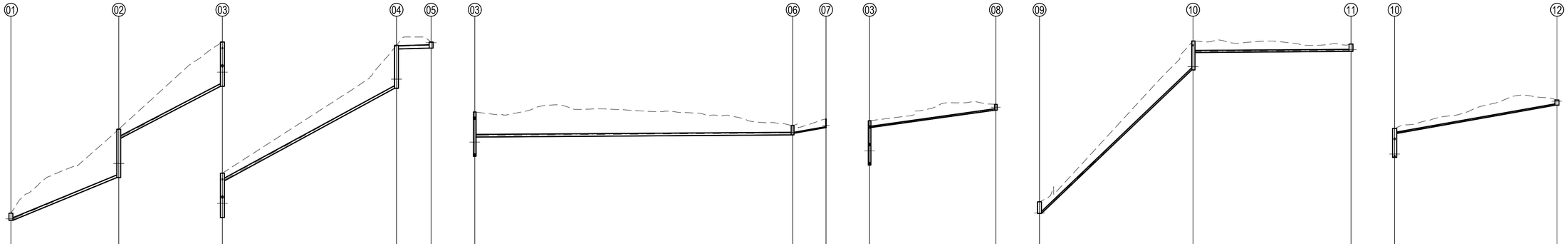
Drawing Number: V170115-CI-2050
Revision: 3

XREFs: XR-V170115-SURVEY-1; XR-V170115-DRAINAGE; XR-V170115-CATCHMENTS; XR-V170115-WYE_NORTH-CONTOURS_5m-1IN1500
CAD File: \\AUMELCFS01.cardno.corp\Vicdata\120170001_05000\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2050.dwg

DATE PLOTTED: 18 August 2017 4:24 PM BY: JORDAN ORMEROD

LEGEND

- EXISTING SURFACE
- MAIN DRAIN
- HYDRAULIC GRADE LINE



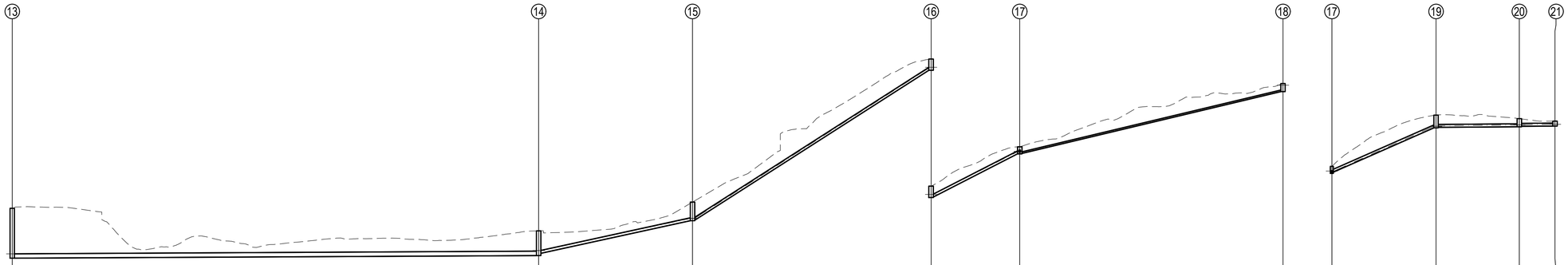
	01–02	02–03	03–04	04–05
DESIGN FLOW (m3/s)	0.254	0.254	0.191	0.191
CAPACITY (m3/s)	0.430	0.484	0.500	0.196
ACTUAL VELOCITY (m/s)	6.33	6.93	6.58	2.02
FULL VELOCITY (m/s)	6.08	6.84	7.07	1.78
PIPE SIZE (mm)	300	300	300	375
PIPE TYPE	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)
GRADE	1 in 5.1	1 in 4	1 in 3.8	1 in 80
DATUM RL (AHD)	2.0		17.0	
HGL	15.843, 15.843	20.859, 25.216	31.298, 35.329	46.069, 50.575, 50.694
DEPTH TO INVERT	0.818, 0.818	5.537, 1.037	5.067, 0.867	4.913, 0.413, 0.700
INVERT LEVEL	15.678, 15.678	20.562, 25.062	31.000, 35.200	45.776, 50.276, 50.376
DESIGN SURFACE	16.495	26.099	36.067	50.689, 51.076
EXISTING SURFACE	16.50	26.10	36.07	50.69, 51.08
LENGTH, CHAINAGE	0.00	24.73, 24.73	23.75, 48.48	39.91, 88.39, 7.94, 96.33

	03–06	06–07
DESIGN FLOW (m3/s)	0.051	0.007
CAPACITY (m3/s)	0.056	0.015
ACTUAL VELOCITY (m/s)	0.89	1.89
FULL VELOCITY (m/s)	0.79	1.91
PIPE SIZE (mm)	300	100
PIPE TYPE	RCP (RRJ)	PVC
GRADE	1 in 300	1 in 11.8
DATUM RL (AHD)	10.0	
HGL	31.298, 33.372	33.665, 33.717, 34.371
DEPTH TO INVERT	5.067, 2.869	1.079, 0.879, 0.993
INVERT LEVEL	31.000, 33.198	33.441, 33.641, 34.285
DESIGN SURFACE	36.067	34.521, 35.278
EXISTING SURFACE	36.07	34.52, 35.28
LENGTH, CHAINAGE	0.00	72.88, 72.88, 7.63, 80.52

	03–08
DESIGN FLOW (m3/s)	0.018
CAPACITY (m3/s)	0.040
ACTUAL VELOCITY (m/s)	2.20
FULL VELOCITY (m/s)	2.26
PIPE SIZE (mm)	150
PIPE TYPE	PVC
GRADE	1 in 14.6
DATUM RL (AHD)	11.0
HGL	31.298, 35.360, 37.400
DEPTH TO INVERT	5.067, 0.778, 0.666
INVERT LEVEL	31.000, 35.289, 37.276
DESIGN SURFACE	36.067, 37.942
EXISTING SURFACE	36.07, 37.94
LENGTH, CHAINAGE	0.00, 28.95, 28.95

	09–10	10–11
DESIGN FLOW (m3/s)	0.049	0.018
CAPACITY (m3/s)	0.307	0.026
ACTUAL VELOCITY (m/s)	5.64	0.70
FULL VELOCITY (m/s)	7.72	0.65
PIPE SIZE (mm)	225	225
PIPE TYPE	RCP (RRJ)	RCP (RRJ)
GRADE	1 in 2.1	1 in 300
DATUM RL (AHD)	3.0	
HGL	17.517, 17.517	34.063, 35.990, 36.138
DEPTH TO INVERT	1.334, 1.334	3.311, 1.311, 0.840
INVERT LEVEL	17.456, 17.456	33.879, 35.879, 36.000
DESIGN SURFACE	18.790	37.191, 36.840
EXISTING SURFACE	18.79	37.19, 36.84
LENGTH, CHAINAGE	0.00	35.20, 35.20, 36.21, 71.41

	10–12
DESIGN FLOW (m3/s)	0.026
CAPACITY (m3/s)	0.045
ACTUAL VELOCITY (m/s)	2.62
FULL VELOCITY (m/s)	2.54
PIPE SIZE (mm)	150
PIPE TYPE	PVC
GRADE	1 in 11.6
DATUM RL (AHD)	13.0
HGL	34.063, 36.701, 39.978
DEPTH TO INVERT	3.311, 0.570, 0.602
INVERT LEVEL	33.879, 36.620, 39.839
DESIGN SURFACE	37.191, 40.441
EXISTING SURFACE	37.19, 40.44
LENGTH, CHAINAGE	0.00, 37.22



	13–14	14–15	15–16
DESIGN FLOW (m3/s)	0.148	0.086	0.086
CAPACITY (m3/s)	0.143	0.315	0.542
ACTUAL VELOCITY (m/s)	0.93	3.79	5.60
FULL VELOCITY (m/s)	0.90	4.46	7.67
PIPE SIZE (mm)	450	300	300
PIPE TYPE	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)
GRADE	1 in 400	1 in 9.4	1 in 3.2
DATUM RL (AHD)	-2.0		
HGL	10.980, 10.980	11.270, 11.316	14.590, 14.605
DEPTH TO INVERT	5.105, 5.105	2.529, 2.304	1.900, 1.850
INVERT LEVEL	10.530, 10.530	10.800, 11.025	14.362, 14.412
DESIGN SURFACE	15.635	13.329	16.262
EXISTING SURFACE	15.64	13.33	16.26
LENGTH, CHAINAGE	-84.83	107.74, 22.91	31.49, 54.41

	16–17	17–18
DESIGN FLOW (m3/s)	0.075	0.036
CAPACITY (m3/s)	0.477	0.052
ACTUAL VELOCITY (m/s)	4.91	3.19
FULL VELOCITY (m/s)	6.75	2.95
PIPE SIZE (mm)	300	150
PIPE TYPE	RCP (RRJ)	PVC
GRADE	1 in 4.1	1 in 8.5
DATUM RL (AHD)	11.0	
HGL	29.966, 30.050	34.408, 34.446, 40.711
DEPTH TO INVERT	1.157, 1.107	0.727, 0.677, 0.821
INVERT LEVEL	29.737, 29.787	34.195, 34.245, 40.553
DESIGN SURFACE	30.894	34.923, 41.385
EXISTING SURFACE	30.89	34.92, 41.38
LENGTH, CHAINAGE	48.84, 103.24	18.14, 121.38, 53.88, 175.26

	17–19	19–20	20–21
DESIGN FLOW (m3/s)	0.039	0.039	0.039
CAPACITY (m3/s)	0.446	0.056	0.056
ACTUAL VELOCITY (m/s)	3.88	0.85	0.85
FULL VELOCITY (m/s)	6.31	0.79	0.79
PIPE SIZE (mm)	300	300	300
PIPE TYPE	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)
GRADE	1 in 4.7	1 in 300	1 in 300
DATUM RL (AHD)	13.0		
HGL	34.408, 34.446	39.008, 39.058	39.146, 39.165, 39.215
DEPTH TO INVERT	0.727, 0.602	1.300, 1.250	0.836, 0.786, 0.501
INVERT LEVEL	34.195, 34.320	38.856, 38.906	38.963, 39.013, 39.037
DESIGN SURFACE	34.923	40.155	39.798, 39.537
EXISTING SURFACE	34.92	40.16	39.80, 39.54
LENGTH, CHAINAGE	0.00	21.32, 21.32	17.05, 38.37, 7.30, 45.67

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H: 0 10 20m
V: 0 5 10m
SCALE H:1:500 V:1:250 @A1

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Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH LONGITUDINAL SECTION SHEET 1 OF 3

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500H, 1:250V
Size: A1

Drawing Number: V170115-CI-2100
Revision: 3

XREF's:
CAD File: \\AUMELCFS01.cardno.com\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2100-2102.dwg

DATE PLOTTED: 18 August 2017 4:24 PM BY: JORDAN ORMEROD

LEGEND

- EXISTING SURFACE
- MAIN DRAIN
- HYDRAULIC GRADE LINE

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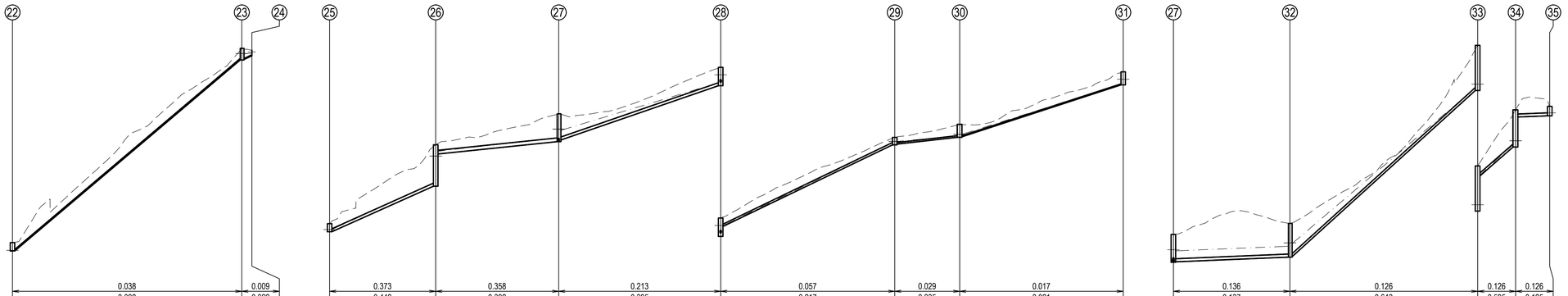
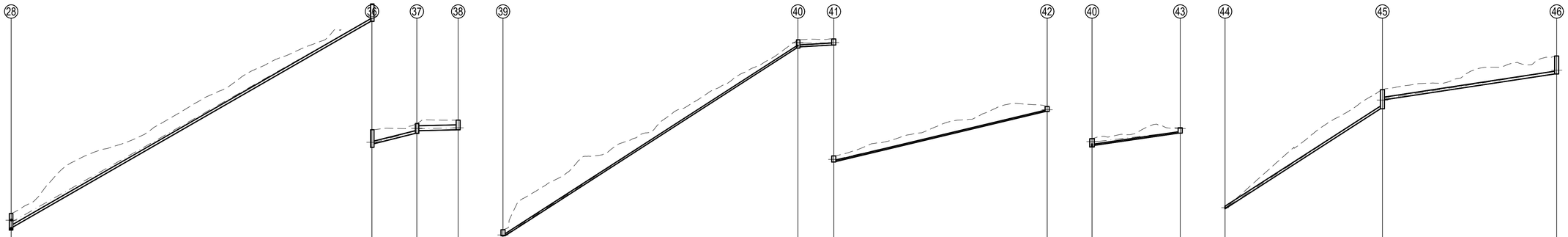


	22–23	23–24	25–26	26–27	27–28	28–29	29–30	30–31	27–32	32–33	33–34	34–35
DESIGN FLOW (m3/s)	0.038	0.009	0.373	0.358	0.213	0.057	0.029	0.017	0.136	0.126	0.126	0.126
CAPACITY (m3/s)	0.098	0.022	0.448	0.392	0.395	0.217	0.035	0.021	0.137	0.643	0.595	0.125
ACTUAL VELOCITY (m/s)	5.20	2.66	7.09	4.02	5.69	4.60	2.20	2.92	2.21	7.06	6.68	1.78
FULL VELOCITY (m/s)	5.56	2.84	6.33	3.55	5.60	5.47	1.97	2.62	1.94	9.09	8.42	1.77
PIPE SIZE (mm)	150	100	300	375	300	225	150	100	300	300	300	300
PIPE TYPE	PVC	PVC	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	PVC	PVC	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)
GRADE	1 in 2.4	1 in 5.4	1 in 4.7	1 in 20	1 in 6	1 in 4.3	1 in 19.1	1 in 6.3	1 in 50	1 in 2.3	1 in 2.6	1 in 60
DATUM RL (AHD)	8.0		11.0			26.0			23.0		35.0	
HGL	22.076, 22.076, 41.163, 41.636, 41.693		27.136, 27.136, 31.759, 34.941, 36.253, 37.022, 41.751, 42.535, 50.772, 50.911, 51.470, 51.618, 56.635						36.253, 37.022, 37.478, 37.751, 53.249, 56.574, 59.613, 62.644, 62.760			
DEPTH TO INVERT	0.839, 0.839, 1.166, 1.116, 0.551		0.805, 0.805, 4.122, 0.922, 2.772, 2.599, 1.834, 0.834, 0.739, 0.664, 1.286, 1.236, 1.301						2.772, 2.722, 3.350, 3.300, 4.500, 1.000, 3.708, 0.708, 0.946			
INVERT LEVEL	22.011, 22.011, 41.015, 41.065, 41.437		26.926, 26.926, 31.459, 34.659, 35.885, 36.058, 41.456, 42.456, 50.576, 50.651, 51.327, 51.377, 56.536						35.885, 35.935, 36.400, 36.450, 52.980, 56.480, 59.344, 62.344, 62.458			
DESIGN SURFACE	22.850, 42.181, 41.988		27.731, 35.582, 38.657, 43.290, 51.315, 52.612, 57.837						38.657, 39.750, 57.480, 63.052, 63.403			
EXISTING SURFACE	22.85, 42.18, 41.99		27.73, 35.58, 38.66, 43.29, 51.31, 52.61, 57.84						38.66, 39.75, 57.48, 63.05, 63.40			
LENGTH, CHAINAGE	0.00, 45.72, 45.72, 2.00, 47.72		-39.55, 21.16, -18.40, 24.52, 6.12, 32.30, 38.42, 34.70, 73.12, 12.94, 86.06, 32.60, 118.67						0.00, 23.23, 23.23, 37.43, 60.66, 7.56, 68.22, 6.80, 75.03			



	28–36	36–37	37–38	39–40	40–41	41–42	40–43	44–45	45–46
DESIGN FLOW (m3/s)	0.110	0.110	0.110	0.080	0.023	0.011	0.028	0.188	0.126
CAPACITY (m3/s)	0.516	0.329	0.487	0.253	0.071	0.052	0.040	0.545	0.263
ACTUAL VELOCITY (m/s)	5.80	4.19	1.66	5.64	1.60	2.31	2.45	6.99	3.68
FULL VELOCITY (m/s)	7.30	4.65	2.05	6.37	1.79	2.95	2.26	7.70	3.72
PIPE SIZE (mm)	300	300	550	225	225	150	150	300	300
PIPE TYPE	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	PVC	PVC	RCP (RRJ)	RCP (RRJ)
GRADE	1 in 3.5	1 in 8.6	1 in 100	1 in 3.1	1 in 40	1 in 8.6	1 in 14.5	1 in 3.2	1 in 13.5
DATUM RL (AHD)	28.0	42.0		50.0		63.0	61.0	39.0	
HGL	41.751, 42.432, 64.907, 65.172, 66.463, 66.715, 66.817			62.902, 62.902, 83.910, 84.251, 84.272, 84.307, 89.723			83.910, 84.251, 85.373	54.946, 54.946, 66.231, 67.085, 70.085	
DEPTH TO INVERT	1.834, 1.509, 1.953, 1.553, 1.090, 0.790, 1.079			0.670, 0.670, 0.919, 0.787, 0.678, 0.628, 0.560			0.919, 0.736, 0.603	0.028, 0.028, 2.125, 1.125, 1.992	
INVERT LEVEL	41.456, 41.781, 64.652, 65.052, 66.208, 66.508, 66.600			62.815, 62.815, 83.695, 83.826, 84.026, 84.076, 89.628			83.695, 83.877, 85.231	54.824, 54.824, 65.939, 66.939, 69.816	
DESIGN SURFACE	43.290, 66.605, 67.297, 67.679			63.486, 84.613, 84.704, 90.188			84.613, 85.834	55.137, 68.064, 71.808	
EXISTING SURFACE	43.29, 66.60, 67.30, 67.68			63.49, 84.61, 84.70, 90.19			84.61, 85.83	54.85, 68.06, 71.81	
LENGTH, CHAINAGE	0.00, 80.42, 80.42, 10.00, 90.42, 9.21, 99.63			-99.72, 65.73, -34.00, 8.00, -26.00, 47.56, 21.57			0.00, 19.65, 19.65	0.00, 35.07, 35.07, 38.84, 73.91	

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2027	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2027	PRELIMINARY ISSUE	M.S	E.H	
1	14/07/2017	PRELIMINARY ISSUE	M.S	E.H	

H: 0 10 20m
V: 0 5 10m
SCALE H:1:500 V:1:250 @A1

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		Date
Drawn	J.O	26/06/2017
Checked	E.H	26/06/2017
Designed	M.S	26/06/2017
Verified		
Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH LONGITUDINAL SECTION SHEET 2 OF 3

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500H, 1:250V
Size: A1

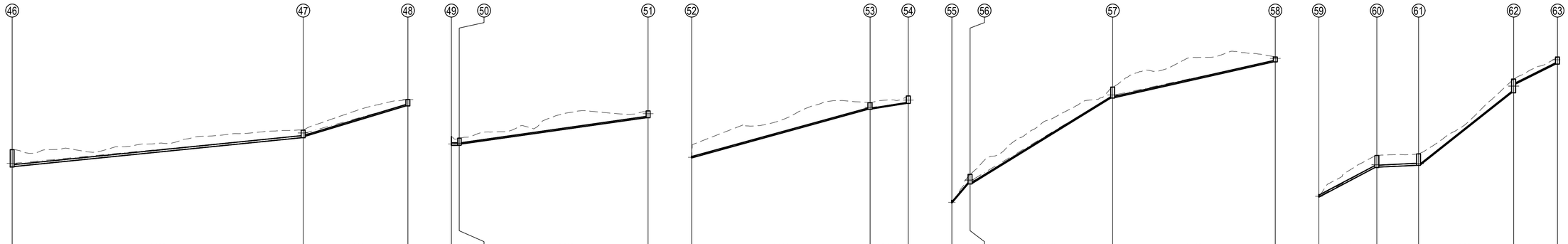
Drawing Number: V170115-CI-2101
Revision: 3

XREF's:
CAD File: \\AUMELCFS01.cardno.com\VicData\12017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2100-2102.dwg

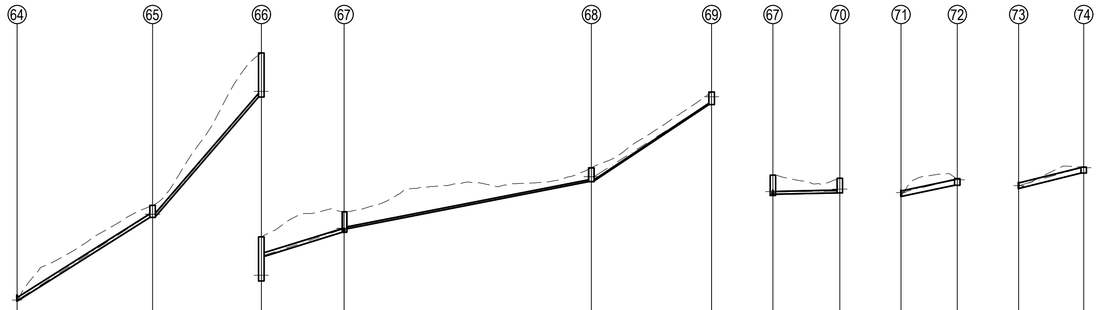
DATE PLOTTED: 18 August 2017 4:24 PM BY: JORDAN ORMEROD

LEGEND

- EXISTING SURFACE
- MAIN DRAIN
- HYDRAULIC GRADE LINE



	46–47	47–48	49–50	50–51	52–53	53–54	55–56	56–57	57–58	59–60	60–61	61–62	62–63
DESIGN FLOW (m3/s)	0.084	0.041	0.046	0.026	0.021	0.012	0.043	0.033	0.022	0.065	0.057	0.047	0.027
CAPACITY (m3/s)	0.100	0.058	0.056	0.040	0.056	0.014	0.110	0.083	0.050	0.226	0.066	0.094	0.073
ACTUAL VELOCITY (m/s)	2.82	3.56	0.88	2.41	2.96	1.97	5.83	4.43	2.76	4.92	1.87	5.32	3.82
FULL VELOCITY (m/s)	2.51	3.28	0.79	2.28	3.18	1.76	6.20	4.72	2.86	5.70	1.66	5.30	4.11
PIPE SIZE (mm)	225	150	300	150	150	100	150	150	150	225	225	150	150
PIPE TYPE	RCP (RRJ)	PVC	RCP (RRJ)	PVC	PVC	PVC	PVC	PVC	PVC	RCP (RRJ)	RCP (RRJ)	PVC	PVC
GRADE	1 in 20.2	1 in 6.9	1 in 300	1 in 14.4	1 in 7.4	1 in 14	1 in 1.9	1 in 3.3	1 in 9.1	1 in 3.9	1 in 46.3	1 in 2.6	1 in 4.4
DATUM RL (AHD)	50.0		59.0		59.0		43.0			53.0			
HGL	70.085, 70.239	73.390, 73.718, 76.973	81.457, 81.457, 81.482, 81.534	84.609	79.931, 79.931	85.562, 85.663, 86.202	58.764, 58.764, 61.019, 61.307	70.865, 71.076, 74.999		69.450, 69.450	72.958, 73.071, 73.206, 73.206	81.476, 82.390	84.760
DEPTH TO INVERT	1.992, 1.942	0.866, 0.700, 0.731	1.012, 1.012, 0.833, 0.683	0.780	0.011, 0.011	0.761, 0.711, 0.864	0.000, 0.000, 1.102, 1.052	1.265, 1.215, 0.567		0.006, 0.006	1.382, 1.332, 1.303, 1.253	1.572, 0.572	0.809
INVERT LEVEL	69.816, 69.866	73.173, 73.339, 76.825	81.291, 81.291, 81.297, 81.447	84.469	79.867, 79.867	85.430, 85.480, 86.105	58.699, 58.699, 60.871, 60.921	70.719, 70.769, 74.865		69.368, 69.368	72.753, 72.803, 73.010, 73.060	81.327, 82.327	84.618
DESIGN SURFACE	71.808	74.039, 77.556	82.303, 82.130	85.249	80.066	86.191, 86.969	58.999, 61.973	71.984	75.432	69.668	74.135, 74.313	82.898	85.426
EXISTING SURFACE	71.81	74.04, 77.56	82.30, 82.13	85.25	79.88	86.19, 86.97	58.70, 61.97	71.98	75.43	69.37	74.13, 74.31	82.90	85.43
LENGTH, CHAINAGE	73.91	66.84, 140.75, 24.04, 164.80	-1.75, 1.79, 0.04	43.39, 43.42	0.00	40.98, 40.98, 8.77, 49.75	-4.20, 4.20, 0.00	32.74, 32.74	37.35, 70.09	0.00	13.32, 13.32, 9.58, 22.90	21.85, 44.75	10.06



	64–65	65–66	66–67	67–68	68–69	67–70	71–72	73–74
DESIGN FLOW (m3/s)	0.093	0.094	0.067	0.039	0.019	0.029	0.735	0.500
CAPACITY (m3/s)	0.538	0.718	0.369	0.047	0.029	0.045	0.900	0.979
ACTUAL VELOCITY (m/s)	5.70	7.01	3.96	2.98	3.93	1.20	6.31	6.19
FULL VELOCITY (m/s)	7.60	10.15	5.23	2.66	3.71	1.13	5.66	6.16
PIPE SIZE (mm)	300	300	300	150	100	225	450	450
PIPE TYPE	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	PVC	PVC	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)
GRADE	1 in 3.2	1 in 1.8	1 in 6.9	1 in 10.5	1 in 3.1	1 in 100	1 in 10	1 in 8.5
DATUM RL (AHD)	18.0		33.0			30.0	18.0	69.0
HGL	32.450, 32.450	39.432, 39.450, 49.251	51.099, 53.184, 53.371	57.263, 57.515, 63.504		53.184, 53.275, 53.338	41.214, 41.214, 42.266	92.786, 92.786, 94.248
DEPTH TO INVERT	-0.005, -0.005	0.988, 0.938, 3.595	1.595, 1.664, 1.381	1.124, 1.074, 1.026		1.664, 1.559, 1.191	0.011, 0.011, 0.538	0.000, 0.000, 0.488
INVERT LEVEL	32.365, 32.365	39.194, 39.245, 49.013	51.013, 52.983, 53.266	57.115, 57.165, 63.404		52.983, 53.088, 53.197	40.904, 40.904, 41.819	92.558, 92.558, 93.811
DESIGN SURFACE	32.860	40.183, 52.608	54.647	58.239, 64.430		54.647, 54.388	41.416, 42.357	93.050, 94.299
EXISTING SURFACE	32.36	40.18, 52.61	54.65	58.24, 64.43		54.65, 54.39	40.92, 42.36	92.56, 94.30
LENGTH, CHAINAGE	-51.19, 22.12	-29.07, 17.75	-11.31, 13.51, 2.20	40.36, 42.56, 19.63, 62.19		0.00, 10.92, 10.92	0.00, 9.18, 9.18	0.00, 10.64, 10.64

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Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2028	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2028	PRELIMINARY ISSUE	M.S	E.H	
1	14/07/2017	PRELIMINARY ISSUE	M.S	E.H	

H: 0 10 20m
V: 0 5 10m
SCALE H:1:500 V:1:250 @A1

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		Date
Drawn	J.O	26/06/2017
Checked	E.H	26/06/2017
Designed	M.S	26/06/2017
Verified		
Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER NORTH LONGITUDINAL SECTION SHEET 3 OF 3

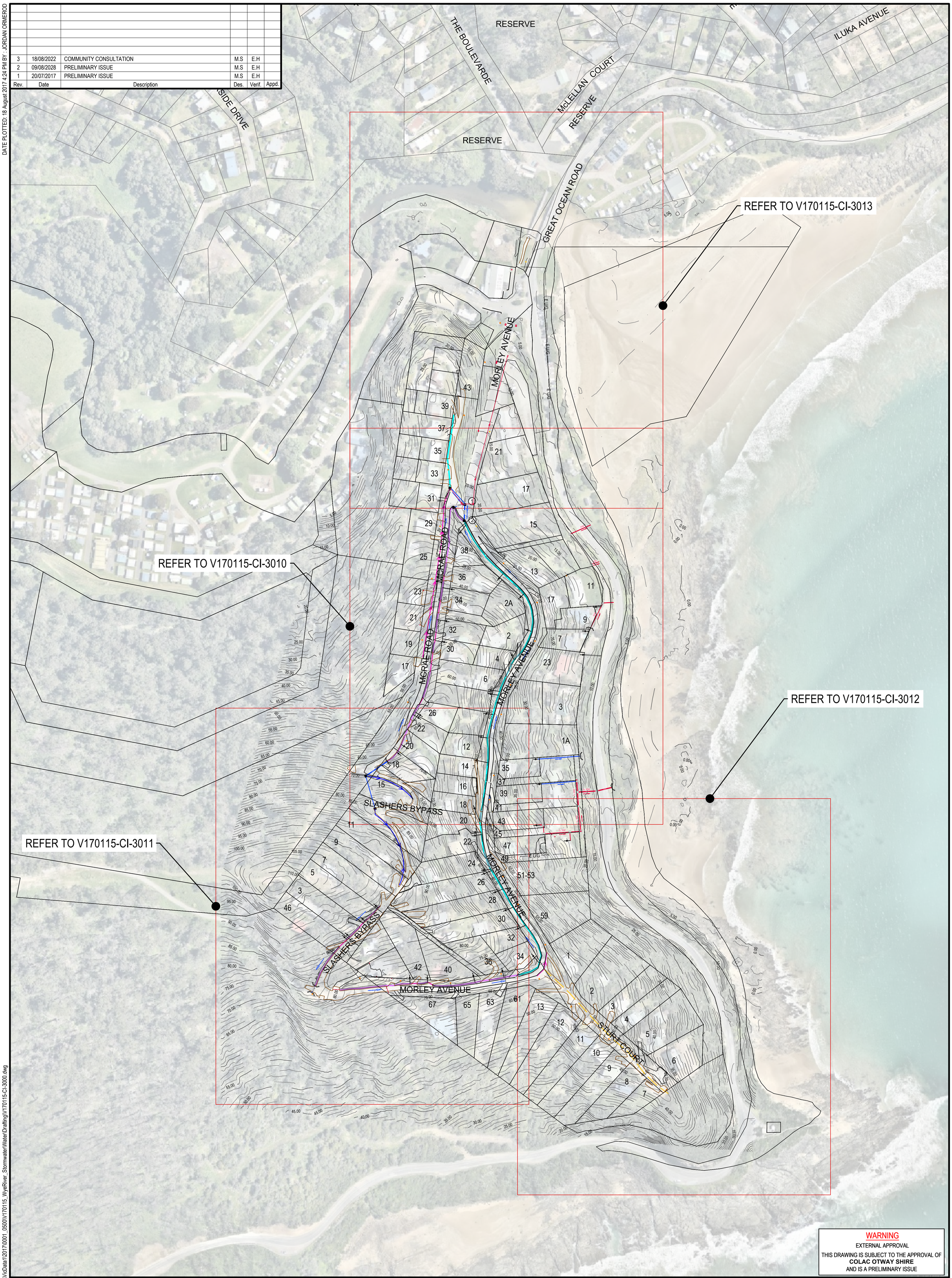
Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500H, 1:250V
Size: A1

Drawing Number: V170115-CI-2102
Revision: 3

XREF's:
CAD File: \\AUMELCFS01.cardno.corp\Vicdata1\2017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-2100-2102.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2022	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2028	PRELIMINARY ISSUE	M.S	E.H	
1	20/07/2017	PRELIMINARY ISSUE	M.S	E.H	



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NORTH

0 50m
SCALE 1:1500 @A1

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Drawn J.O	Date 06/07/2017	
Checked	Date	
Designed M.S	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER SOUTH OVERALL LAYOUT PLAN

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:1500m
Size: A1

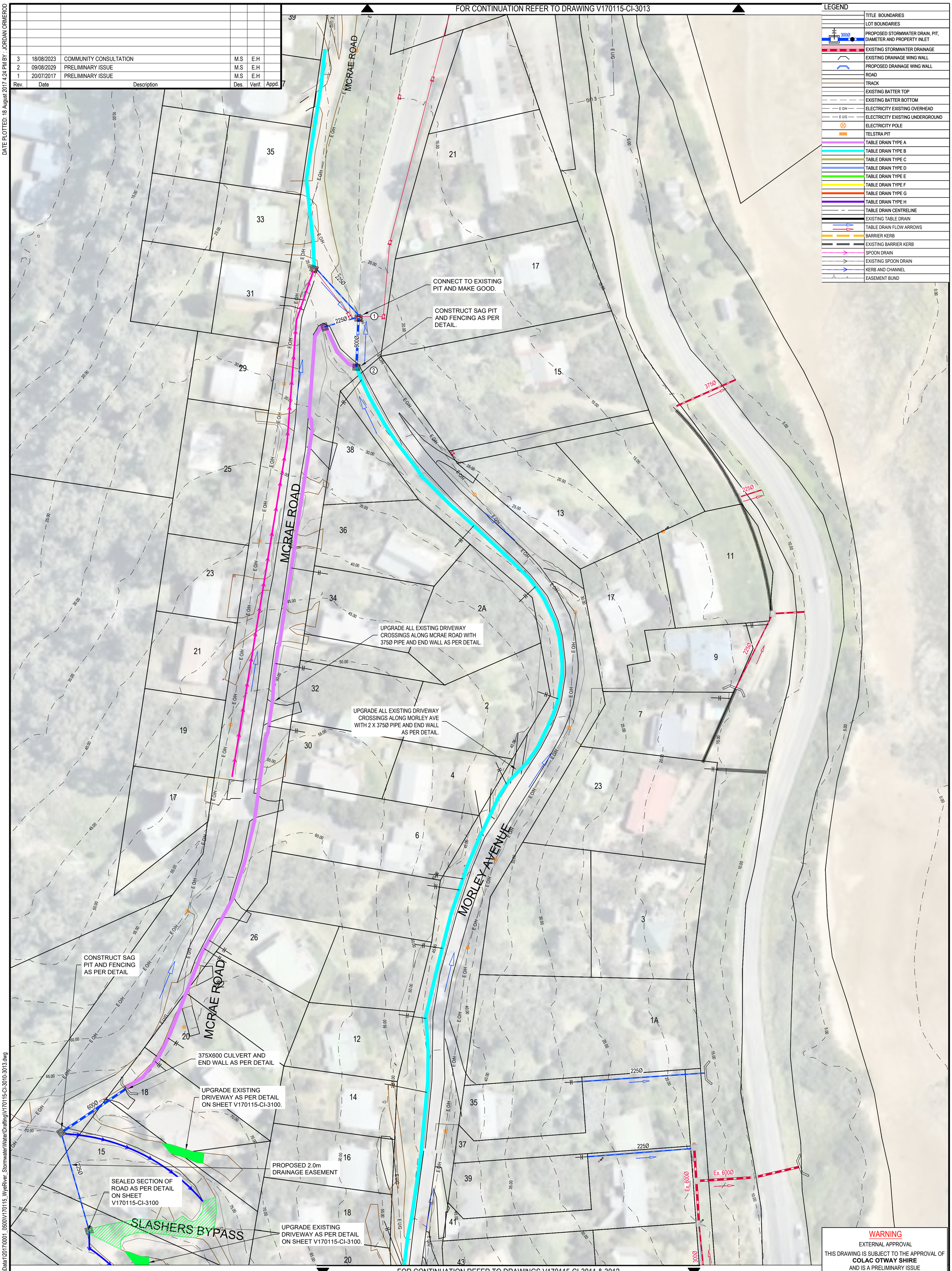
Drawing Number: V170115-CI-3000
Revision: 3

DATE PLOTTED: 18 August 2017 4:24 PM BY : JORDAN ORMEROD

XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-3; XR-V170115-WYE_SOUTH-CONTOURS_5m-1IN1500; XR-V170115-WYE_SOUTH-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData1\2017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-3000.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2023	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2029	PRELIMINARY ISSUE	M.S	E.H	
1	20/07/2017	PRELIMINARY ISSUE	M.S	E.H	

FOR CONTINUATION REFER TO DRAWING V170115-CI-3013



LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- ELECTRICITY EXISTING OVERHEAD
- ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

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FOR CONTINUATION REFER TO DRAWINGS V170115-CI-3011 & 3012

NORTH
0 10 20m
SCALE 1:500 @A1

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Drawn J.O	Date 06/07/2017	
Checked	Date	
Designed M.S	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER SOUTH DETAILED LAYOUT PLAN SHEET 1 OF 4

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

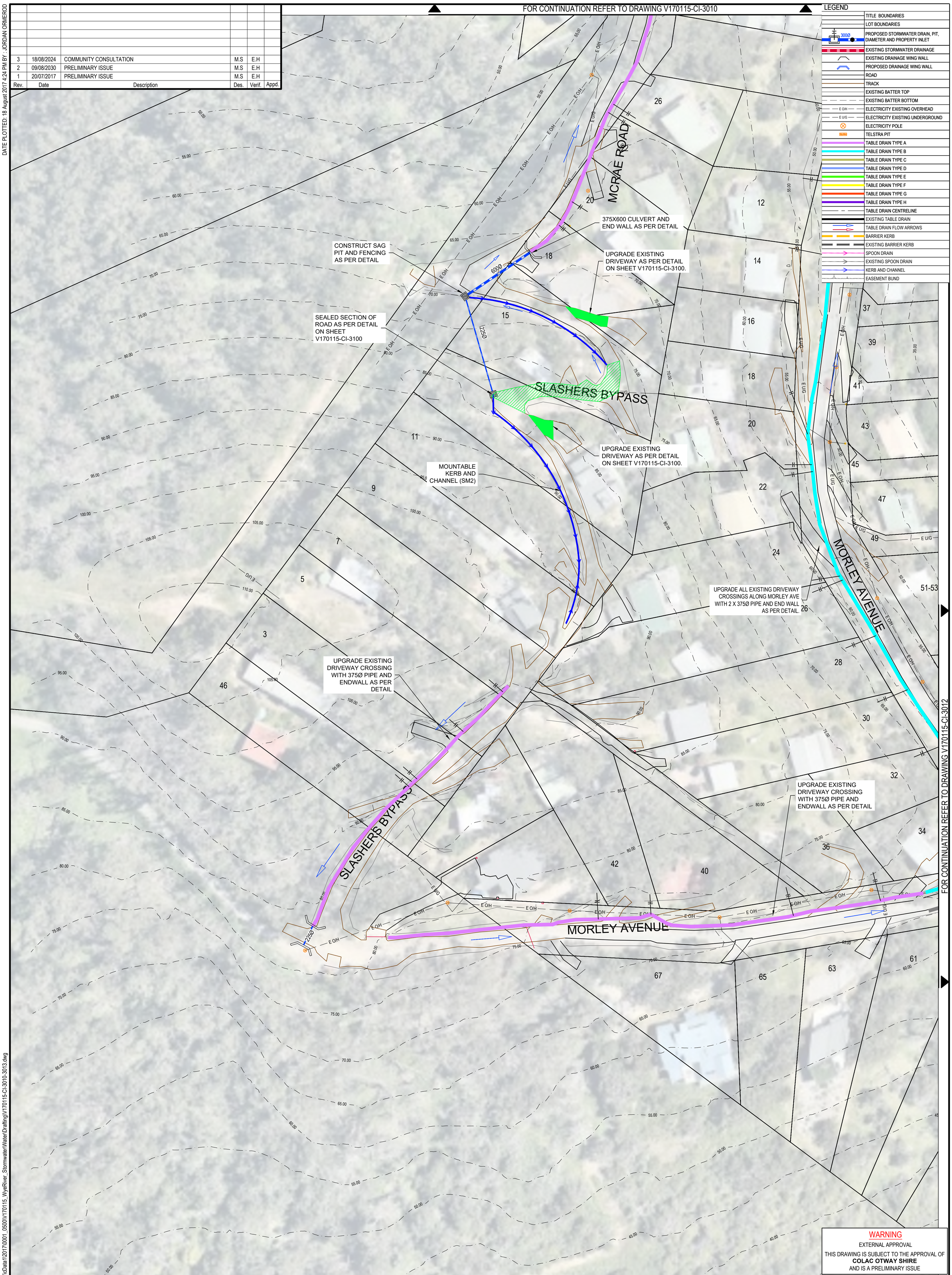
Scale: 1:500m | Size: A1

Drawing Number: V170115-CI-3010 | Revision: 3

DATE PLOTTED: 18 August 2017 4:24 PM BY : JORDAN ORMEROD
XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-3; XR-V170115-WYE_SOUTH-CONTOURS_5m-1IN500; XR-V170115-WYE_SOUTH-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData\12017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-3010-3013.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2024	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2030	PRELIMINARY ISSUE	M.S	E.H	
1	20/07/2017	PRELIMINARY ISSUE	M.S	E.H	

FOR CONTINUATION REFER TO DRAWING V170115-CI-3010



LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- 300Ø — PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E O/H — ELECTRICITY EXISTING OVERHEAD
- E U/G — ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

FOR CONTINUATION REFER TO DRAWING V170115-CI-3012

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NORTH
0 10 20m
SCALE 1:500 @A1

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Drawn J.O	Date 06/07/2017	
Checked	Date	
Designed M.S	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER SOUTH DETAILED LAYOUT PLAN SHEET 2 OF 4

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-3011
Revision: 3

DATE PLOTTED: 18 August 2017 4:24 PM BY : JORDAN ORMEROD
XREFs: XR-V170115-SURVEY-1; XR-V170115-SURVEY-3; XR-V170115-WYE_SOUTH-CONTOURS_5m-1IN500; XR-V170115-WYE_SOUTH-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-3010-3013.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2025	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2031	PRELIMINARY ISSUE	M.S	E.H	
1	20/07/2017	PRELIMINARY ISSUE	M.S	E.H	

FOR CONTINUATION REFER TO DRAWING V170115-CI-3010

FOR CONTINUATION REFER TO DRAWING V170115-CI-3011

LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- 300Ø — PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E O/H — ELECTRICITY EXISTING OVERHEAD
- E U/G — ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

WARNING
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NORTH
0 10 20m
SCALE 1:500 @A1

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Drawn J.O	Date 06/07/2017	
Checked	Date	
Designed M.S	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER SOUTH DETAILED LAYOUT PLAN SHEET 3 OF 4

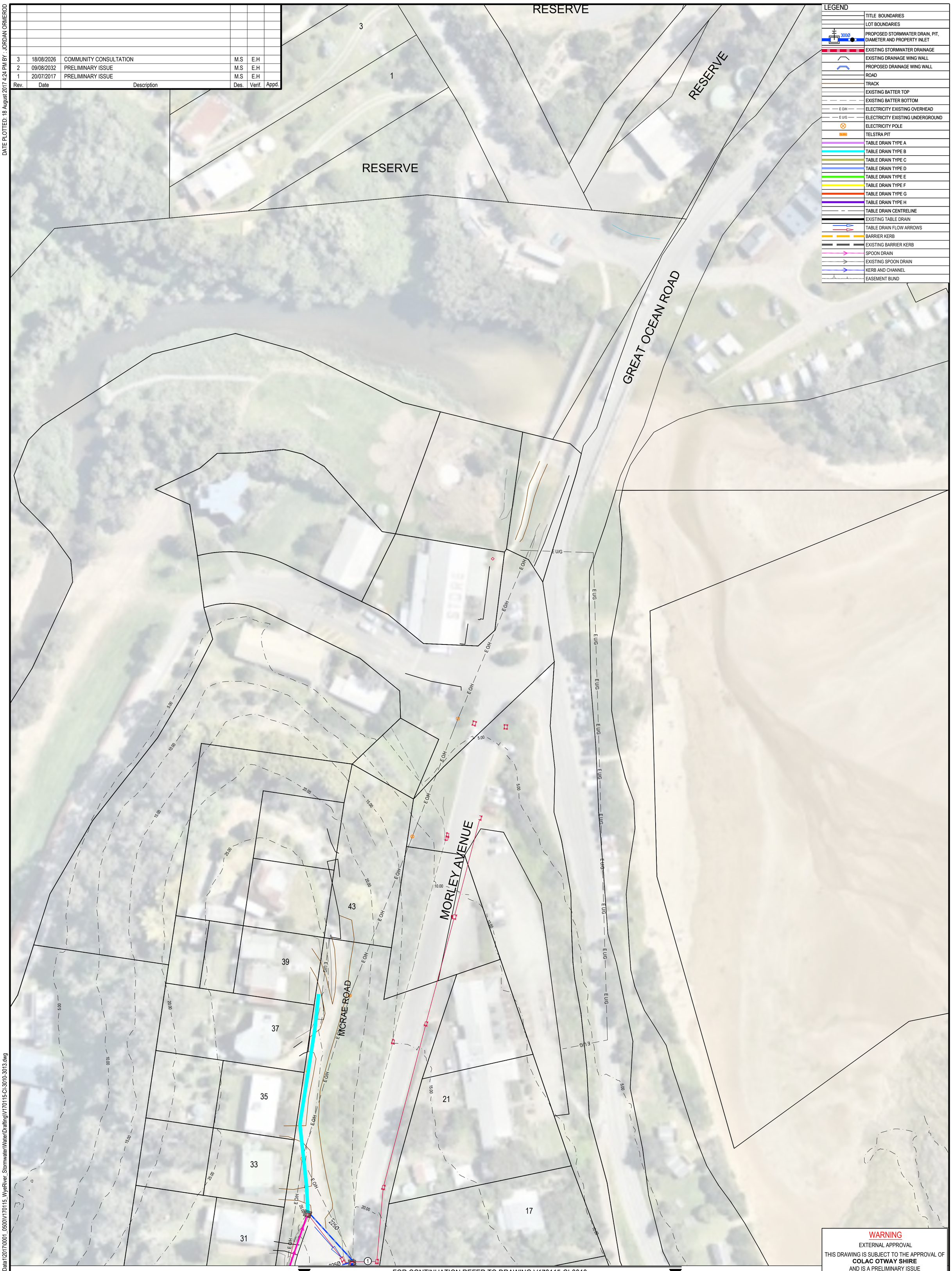
Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-3012
Revision: 3

DATE PLOTTED: 18 August 2017 4:24 PM BY : JORDAN ORMEROD
XREFs: XR-V170115-SURVEY-1; XR-V170115-SURVEY-3; XR-V170115-WYE_SOUTH-CONTOURS_5m-1IN500; XR-V170115-WYE_SOUTH-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-3010-3013.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2026	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2032	PRELIMINARY ISSUE	M.S	E.H	
1	20/07/2017	PRELIMINARY ISSUE	M.S	E.H	



LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET (300Ø)
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E O/H — ELECTRICITY EXISTING OVERHEAD
- E U/G — ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

WARNING
EXTERNAL APPROVAL
THIS DRAWING IS SUBJECT TO THE APPROVAL OF **COLAC OTWAY SHIRE**
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FOR CONTINUATION REFER TO DRAWING V170115-CI-3010

NORTH
0 10 20m
SCALE 1:500 @A1

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Drawn J.O	Date 06/07/2017	
Checked	Date	
Designed M.S	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER SOUTH
DETAILED LAYOUT PLAN
SHEET 4 OF 4

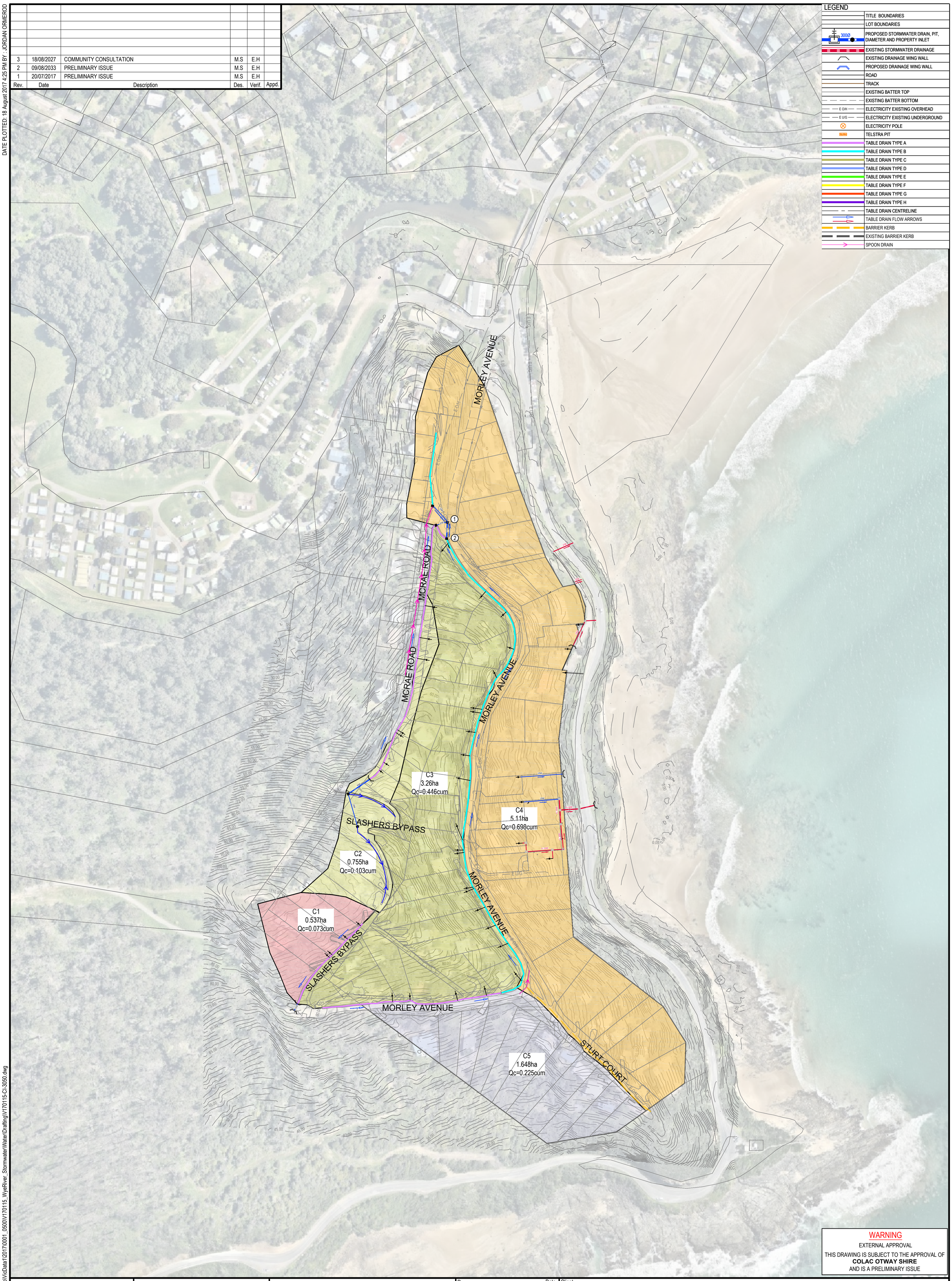
Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-3013
Revision: 3

DATE PLOTTED: 18 August 2017 4:24 PM BY : JORDAN ORMEROD
XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-3; XR-V170115-WYE_SOUTH-CONTOURS_5m-1IN500; XR-V170115-WYE_SOUTH-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-3010-3013.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2027	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2033	PRELIMINARY ISSUE	M.S	E.H	
1	20/07/2017	PRELIMINARY ISSUE	M.S	E.H	



LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- 300Ø — PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E O/H — ELECTRICITY EXISTING OVERHEAD
- E U/G — ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN

WARNING
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NORTH

0 50m
SCALE 1:1500 @A1

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Drawn J.O	Date 06/07/2017	
Checked	Date	
Designed M.S	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER SOUTH CATCHMENT PLAN

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:1500m
Size: A1

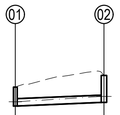
Drawing Number: V170115-CI-3050
Revision: 3

DATE PLOTTED: 18 August 2017 4:25 PM BY : JORDAN ORMEROD
XREFs: XR-V170115-SURVEY-1; XR-V170115-SURVEY-3; XR-V170115-WYE_SOUTH-CONTOURS_5m-1IN1500; XR-V170115-WYE_SOUTH-DRAINAGE
CAD File: \\AUMELCFS01.cardno.corp\VicData1\20170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-3050.dwg

DATE PLOTTED: 18 August 2017 4:25 PM BY : JORDAN ORMEROD

LEGEND

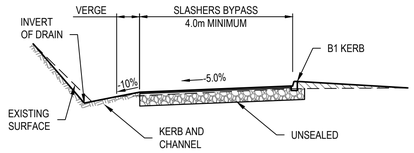
- EXISTING SURFACE
- MAIN DRAIN
- HYDRAULIC GRADE LINE



DESIGN FLOW (m3/s)	0.560	
CAPACITY (m3/s)	0.869	
ACTUAL VELOCITY (m/s)	3.26	
FULL VELOCITY (m/s)	3.07	
PIPE SIZE (mm)	600	
PIPE TYPE	RCP (RRJ)	
GRADE	1 in 50	
DATUM RL (AHD)	-2.0	
HGL	20.834 / 20.834	21.261
DEPTH TO INVERT	1.539 / 1.539	2.205
INVERT LEVEL	20.483 / 20.483	20.772
DESIGN SURFACE	22.022	22.977
EXISTING SURFACE	22.02	22.98
LENGTH, CHAINAGE	0.00	14.47 / 14.47

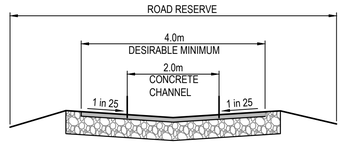
DRAINAGE LONGITUDINAL SECTION

H: 0 10 20m
V: 0 5 10m
SCALE H:1:500 V:1:250 @A1



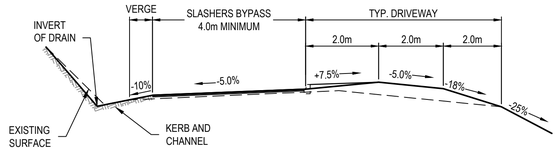
SLASHERS BYPASS

NOT TO SCALE



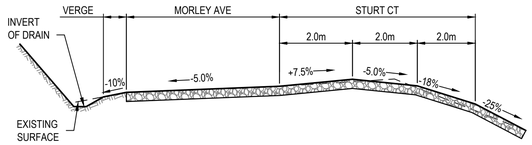
STURT COURT

NOT TO SCALE



DRIVEWAY TO SLASHERS BYPASS

NOT TO SCALE



MORLEY AVE & STURT CT INTERSECTION

NOT TO SCALE

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Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2028	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2034	PRELIMINARY ISSUE	M.S	E.H	
1	20/07/2017	PRELIMINARY ISSUE	M.S	E.H	

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Drawn J.O	Date 06/07/2017	
Checked	Date	
Designed M.S	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: WYE RIVER SOUTH LONGITUDINAL SECTION AND TYPICAL DETAILS

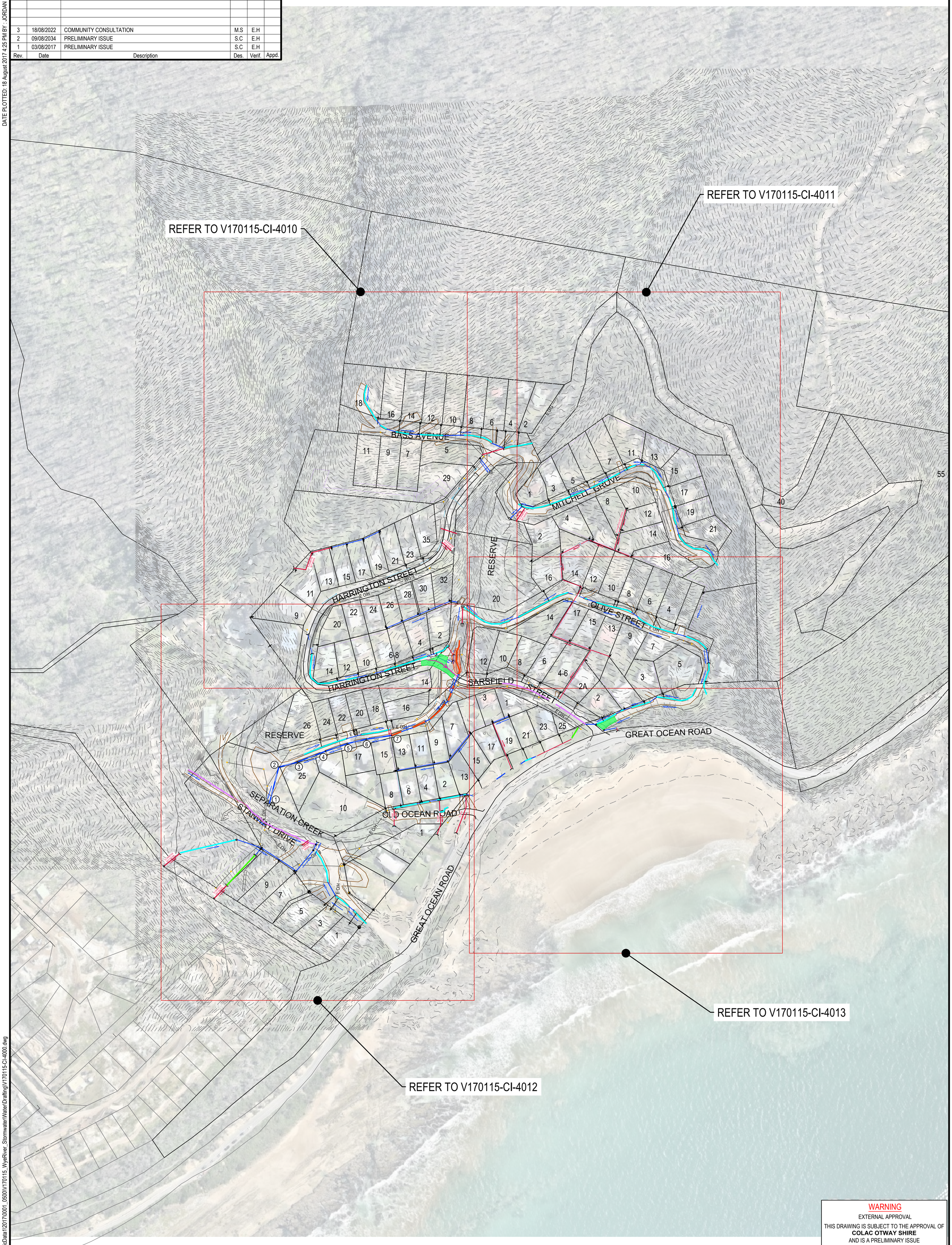
Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: AS SHOWN
Size: A1

Drawing Number: V170115-CI-3100
Revision: 3

XREF's:
CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-3100.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2022	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2034	PRELIMINARY ISSUE	S.C	E.H	
1	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	



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NORTH
0 50m
SCALE 1:1500 @A1

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Drawn	J.O	06/07/2017
Checked	E.H	03/08/2017
Designed	S.C	06/07/2017
Verified		
Approved		

Client: COLAC OTWAY SHIRE
Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM
Title: SEPARATION CREEK OVERALL LAYOUT PLAN
Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES
Scale: 1:1500m
Size: A1
Drawing Number: V170115-CI-4000
Revision: 3

DATE PLOTTED: 18 August 2017 4:25 PM BY : JORDAN ORMEROD

XREFs: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SEPARATION_CREEK-CONTOURS_5m-1IN1500; XR-V170115-SEPARATION_CREEK-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData1\2017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-4000.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2023	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2035	PRELIMINARY ISSUE	S.C	E.H	
1	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	

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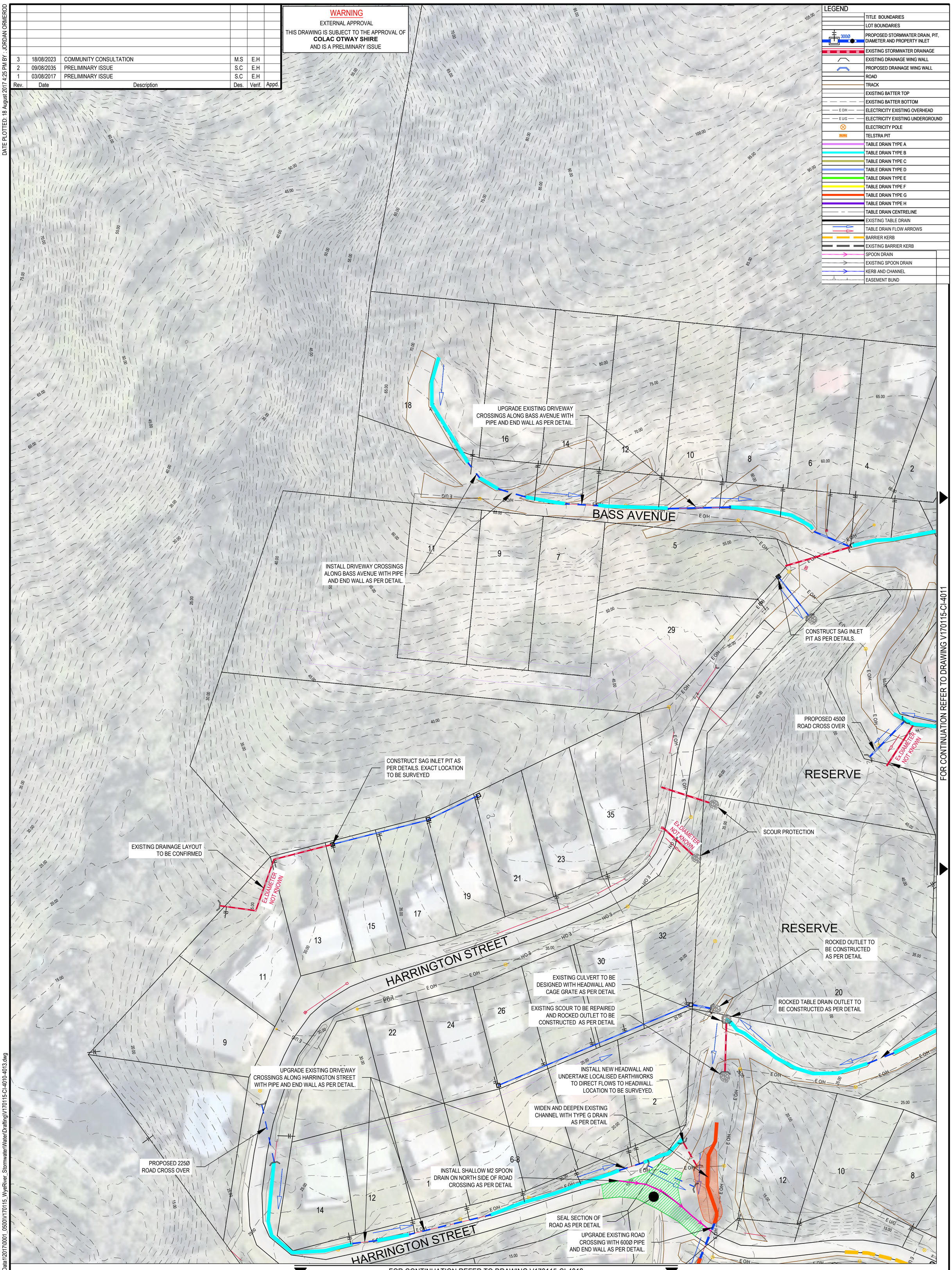
LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- ELECTRICITY EXISTING OVERHEAD
- ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND



FOR CONTINUATION REFER TO DRAWING V170115-CI-4011

FOR CONTINUATION REFER TO DRAWING V170115-CI-4012

NORTH
0 10 20m
SCALE 1:500 @A1

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Drawn J.O	Date 06/07/2017	
Checked E.H	Date 03/08/2017	
Designed S.C	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: SEPARATION CREEK LAYOUT PLAN SHEET 1 OF 4

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-4010
Revision: 3

DATE PLOTTED: 18 August 2017 4:25 PM BY : JORDAN ORMEROD

XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SEPARATION_CREEK-CONTOURS_5m-1IN500; XR-V170115-SEPARATION_CREEK-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData1\2017\0001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-4010-4013.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2024	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2036	PRELIMINARY ISSUE	S.C	E.H	
1	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	

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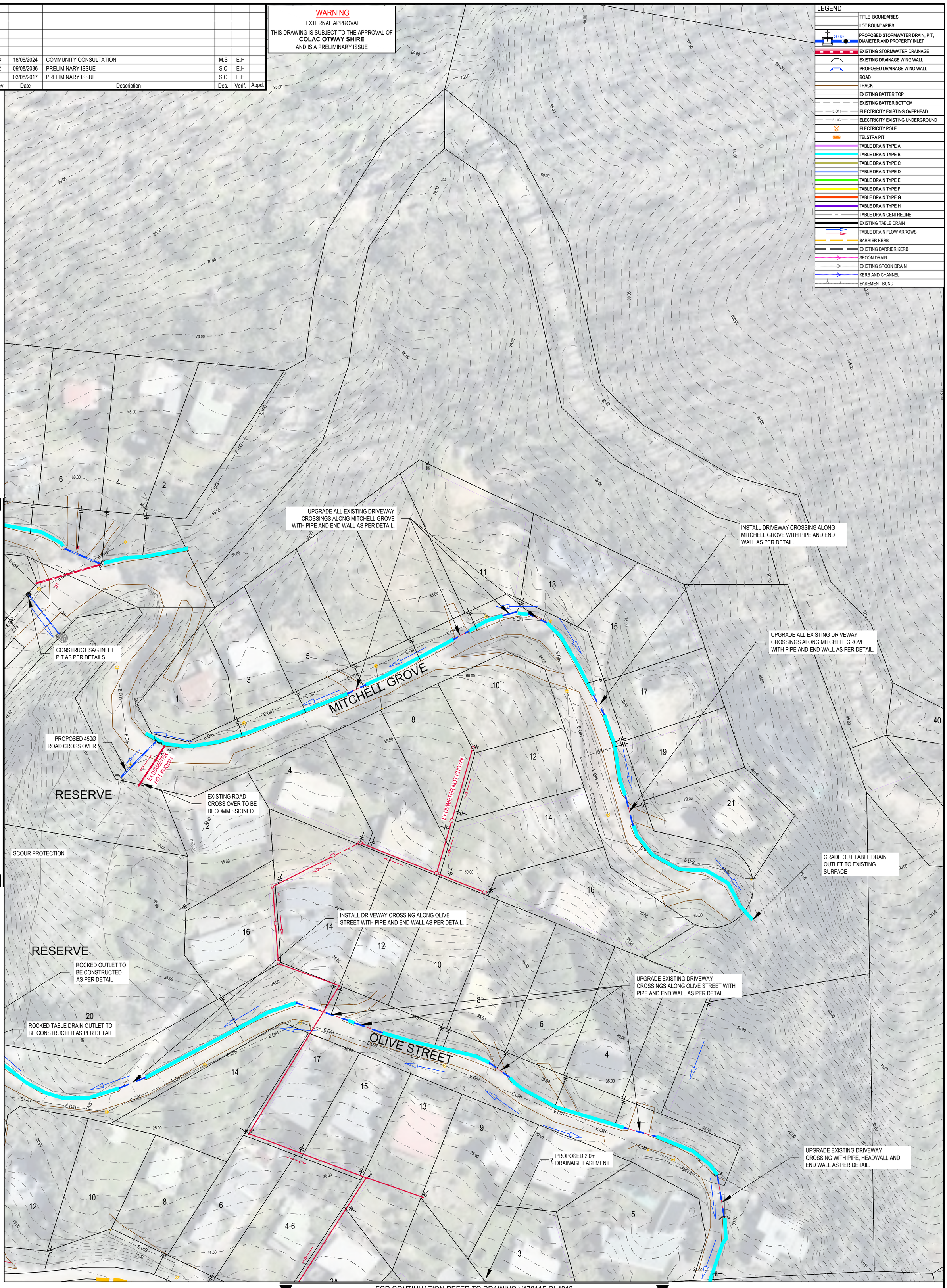

LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- 300Ø — PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E O/H — ELECTRICITY EXISTING OVERHEAD
- E U/G — ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

FOR CONTINUATION REFER TO DRAWING V170115-CI-4010

FOR CONTINUATION REFER TO DRAWING V170115-CI-4013

NORTH
0 10 20m
SCALE 1:500 @A1

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Drawn J.O	Date 06/07/2017	
Checked E.H	Date 03/08/2017	
Designed S.C	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: SEPARATION CREEK
LAYOUT PLAN
SHEET 2 OF 4

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-4011
Revision: 3

DATE PLOTTED: 18 August 2017 4:26 PM BY : JORDAN ORMEROD
XREFs: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SEPARATION_CREEK-CONTOURS_5m-1IN500; XR-V170115-SEPARATION_CREEK-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData1\2017\0001_0500\V170115_WyeRiver_StormwaterWater\Drafting\V170115-CI-4010-4013.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2025	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2037	PRELIMINARY ISSUE	S.C	E.H	
1	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	

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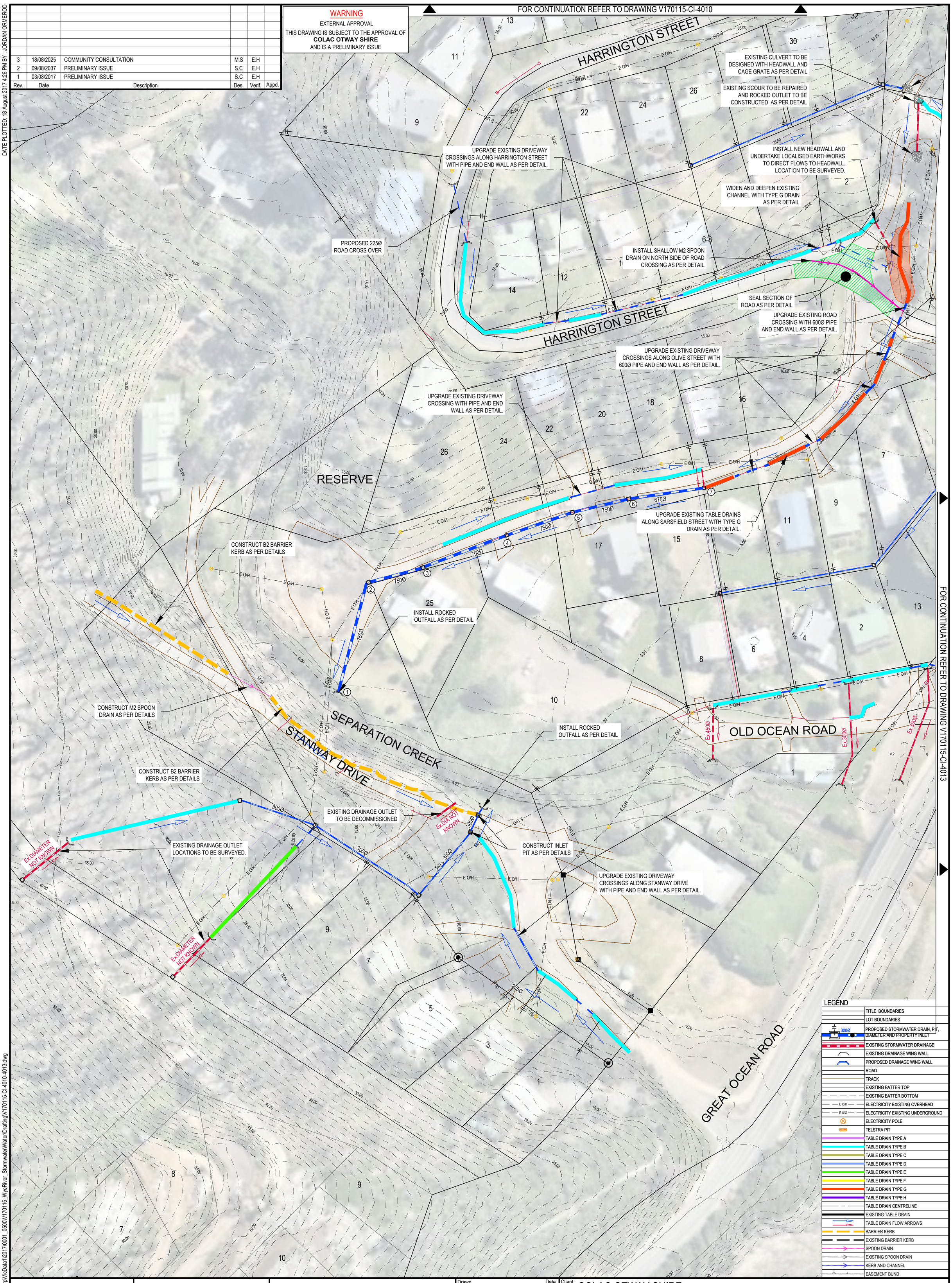
FOR CONTINUATION REFER TO DRAWING V170115-CI-4010



FOR CONTINUATION REFER TO DRAWING V170115-CI-4013

LEGEND

	TITLE BOUNDARIES
	LOT BOUNDARIES
300Ø	PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET
	EXISTING STORMWATER DRAINAGE
	EXISTING DRAINAGE WING WALL
	PROPOSED DRAINAGE WING WALL
	ROAD
	TRACK
	EXISTING BATTER TOP
	EXISTING BATTER BOTTOM
E O/H	ELECTRICITY EXISTING OVERHEAD
E U/G	ELECTRICITY EXISTING UNDERGROUND
	ELECTRICITY POLE
TELSTRA	TELSTRA PIT
	TABLE DRAIN TYPE A
	TABLE DRAIN TYPE B
	TABLE DRAIN TYPE C
	TABLE DRAIN TYPE D
	TABLE DRAIN TYPE E
	TABLE DRAIN TYPE F
	TABLE DRAIN TYPE G
	TABLE DRAIN TYPE H
	TABLE DRAIN CENTRELINE
	EXISTING TABLE DRAIN
	TABLE DRAIN FLOW ARROWS
	BARRIER KERB
	EXISTING BARRIER KERB
	SPOON DRAIN
	EXISTING SPOON DRAIN
	KERB AND CHANNEL
	EASEMENT BUND

NORTH
0 10 20m
SCALE 1:500 @A1

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Drawn J.O	Date 06/07/2017	
Checked E.H	Date 03/08/2017	
Designed S.C	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: SEPARATION CREEK LAYOUT PLAN SHEET 3 OF 4

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-4012
Revision: 3

DATE PLOTTED: 18 August 2017 4:26 PM BY : JORDAN ORMEROD

XREFs: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SEPARATION_CREEK-CONTOURS_5m-1IN500; XR-V170115-SEPARATION_CREEK-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-4010-4013.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2026	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2038	PRELIMINARY ISSUE	S.C	E.H	
1	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	

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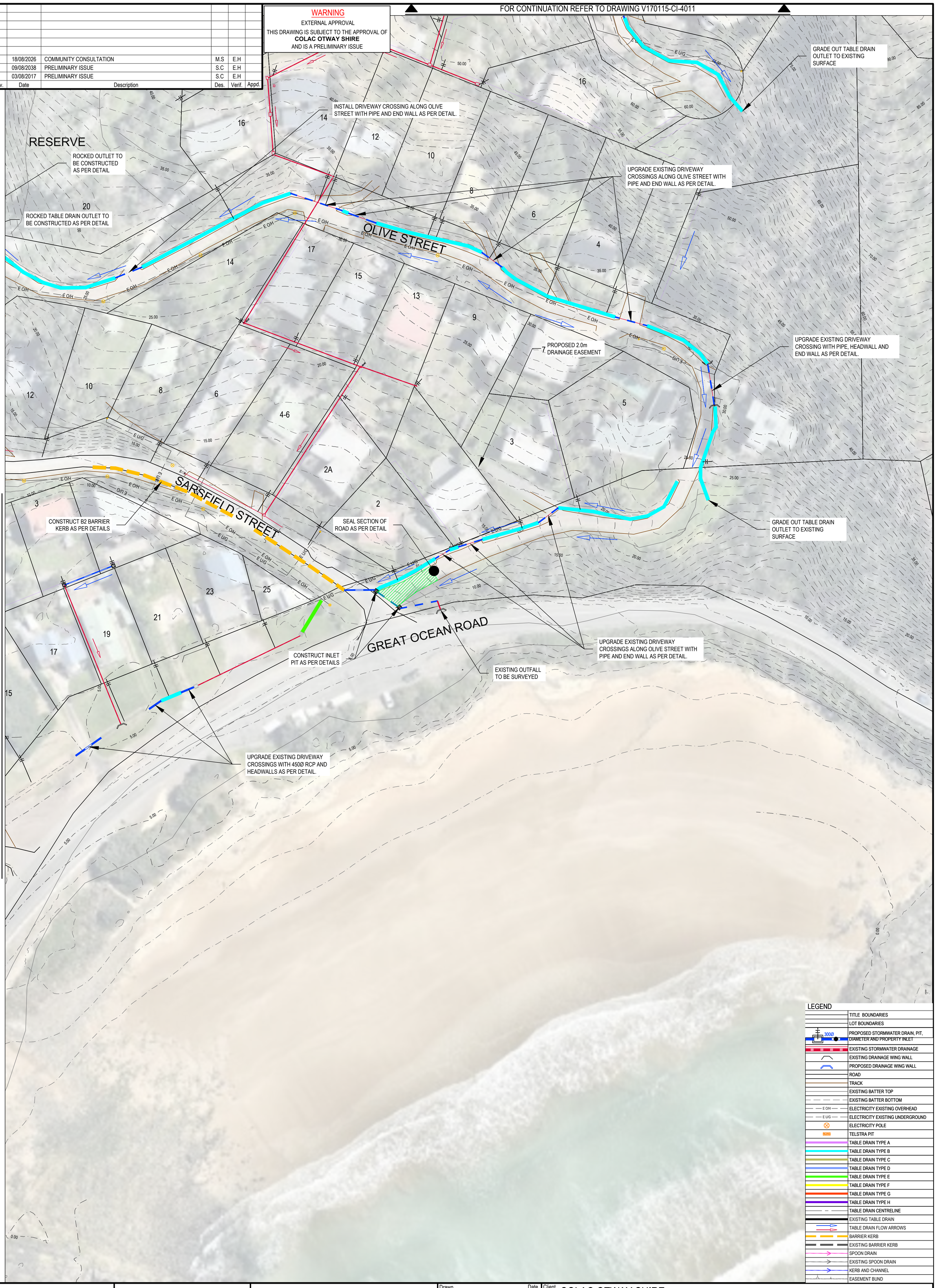
FOR CONTINUATION REFER TO DRAWING V170115-CI-4011



FOR CONTINUATION REFER TO DRAWING V170115-CI-4012

LEGEND

- TITLE BOUNDARIES
- LOT BOUNDARIES
- PROPOSED STORMWATER DRAIN, PIT, DIAMETER AND PROPERTY INLET (300Ø)
- EXISTING STORMWATER DRAINAGE
- EXISTING DRAINAGE WING WALL
- PROPOSED DRAINAGE WING WALL
- ROAD
- TRACK
- EXISTING BATTER TOP
- EXISTING BATTER BOTTOM
- E O/H — ELECTRICITY EXISTING OVERHEAD
- E U/G — ELECTRICITY EXISTING UNDERGROUND
- ELECTRICITY POLE
- TELSTRA PIT
- TABLE DRAIN TYPE A
- TABLE DRAIN TYPE B
- TABLE DRAIN TYPE C
- TABLE DRAIN TYPE D
- TABLE DRAIN TYPE E
- TABLE DRAIN TYPE F
- TABLE DRAIN TYPE G
- TABLE DRAIN TYPE H
- TABLE DRAIN CENTRELINE
- EXISTING TABLE DRAIN
- TABLE DRAIN FLOW ARROWS
- BARRIER KERB
- EXISTING BARRIER KERB
- SPOON DRAIN
- EXISTING SPOON DRAIN
- KERB AND CHANNEL
- EASEMENT BUND

NORTH

0 10 20m
SCALE 1:500 @A1

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Drawn J.O	Date 06/07/2017	
Checked E.H	Date 03/08/2017	
Designed S.C	Date 06/07/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: SEPARATION CREEK
LAYOUT PLAN
SHEET 4 OF 4

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500m
Size: A1

Drawing Number: V170115-CI-4013
Revision: 3

DATE PLOTTED: 18 August 2017 4:26 PM BY : JORDAN ORMEROD
XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SEPARATION_CREEK-CONTOURS_5m-1IN500; XR-V170115-SEPARATION_CREEK-DRAINAGE; XR-V170115-HOUSE NUMBERS
CAD File: \\AUMELCFS01.cardno.corp\VicData\20170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-4010-4013.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2027	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2039	PRELIMINARY ISSUE	S.C	E.H	
1	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	

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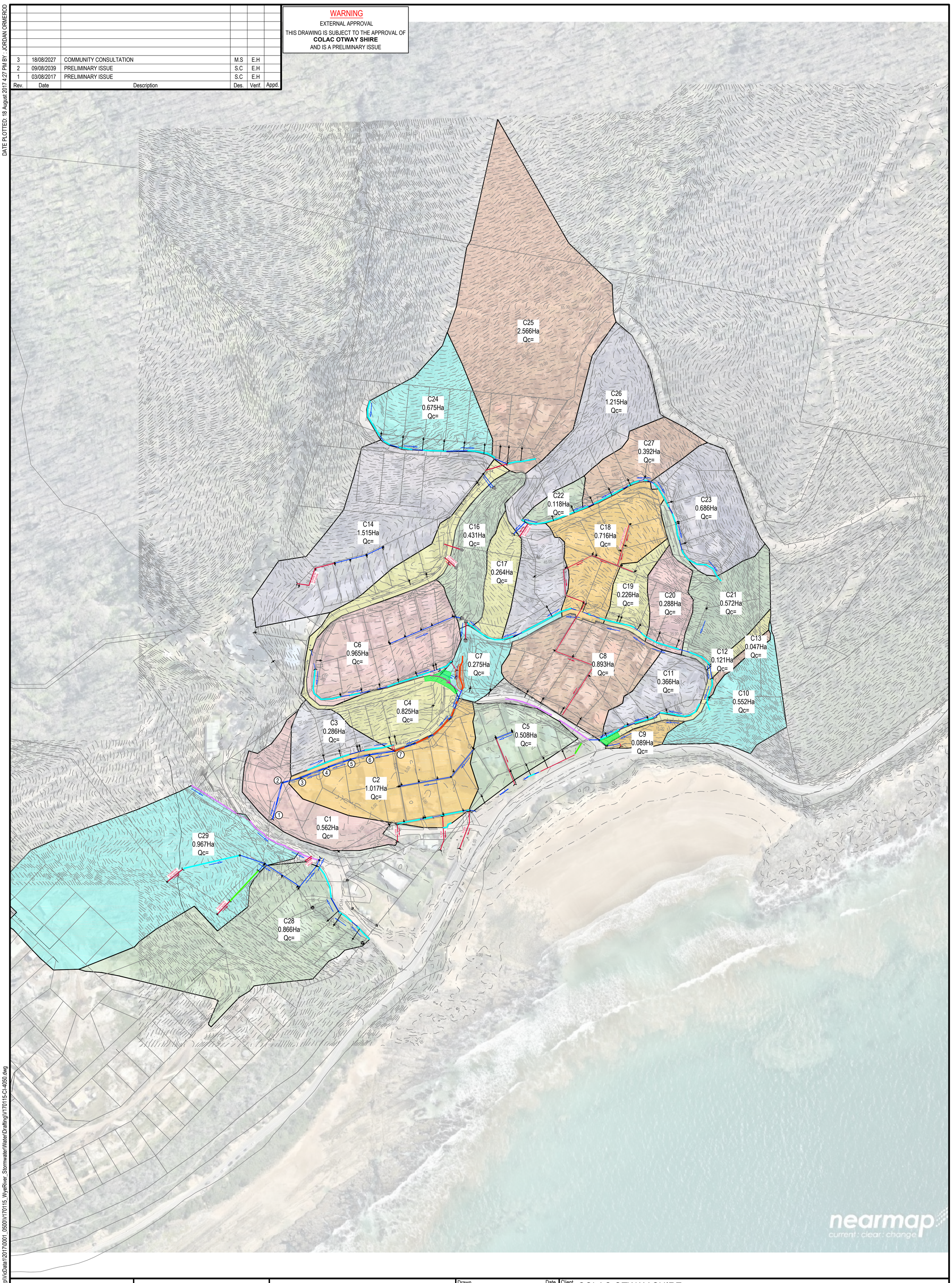

NORTH

0 50m
SCALE 1:1500 @A1

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Drawn	J.O	Date 06/07/2017
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Designed	S.C	Date 06/07/2017
Verified		Date
Approved		Date

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: SEPARATION CREEK CATCHMENT PLAN

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:1500m
Size: A1

Drawing Number: V170115-CI-4050
Revision: 3

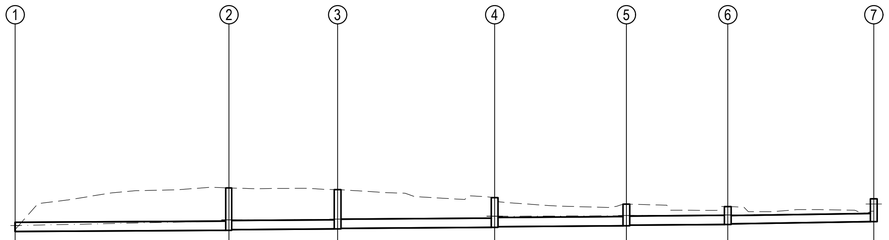
DATE PLOTTED: 18 August 2017 4:27 PM BY : JORDAN ORMEROD

XREF's: XR-V170115-SURVEY-1; XR-V170115-SURVEY-2; XR-V170115-SEPARATION_CREEK-CONTOURS_5m-1IN1500; XR-V170115-SEPARATION_CREEK-CATCHMENTS; XR-V170115-SEPARATION_CREEK-DRAINAGE
CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_StormwaterWater\Drafting\V170115-CI-4050.dwg

DATE PLOTTED: 18 August 2017 4:27 PM BY: JORDAN ORMEROD

LEGEND

- EXISTING SURFACE
- MAIN DRAIN
- HYDRAULIC GRADE LINE



	1	2	3	4	5	6	7
DESIGN FLOW (m3/s)	0.621	0.621	0.621	0.621	0.621	0.621	
CAPACITY (m3/s)	0.785	0.836	0.836	0.836	0.836	0.941	
ACTUAL VELOCITY (m/s)	1.96	2.07	2.07	2.07	2.07	2.81	
FULL VELOCITY (m/s)	1.78	1.89	1.89	1.89	1.89	2.63	
PIPE SIZE (mm)	750	750	750	750	750	675	
PIPE TYPE	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	RCP (RRJ)	
GRADE	1 in 343	1 in 300	1 in 300	1 in 300	1 in 300	1 in 135	
DATUM RL (AHD)	-20.0						
HGL	4.300	4.300	4.664	4.765	4.798	4.818	4.909
DEPTH TO INVERT	0.163	0.163	3.459	3.409	3.209	3.159	2.422
INVERT LEVEL	3.813	3.813	3.914	3.964	4.023	4.073	4.159
EXISTING SURFACE	3.98		7.37		7.23		6.58
LENGTH, CHAINAGE	0.00		34.90	34.90	17.73	52.63	25.65

	5	6	7
DESIGN FLOW (m3/s)	0.621	0.621	
CAPACITY (m3/s)	0.836	0.941	
ACTUAL VELOCITY (m/s)	2.07	2.81	
FULL VELOCITY (m/s)	1.89	2.63	
PIPE SIZE (mm)	750	675	
PIPE TYPE	RCP (RRJ)	RCP (RRJ)	
GRADE	1 in 300	1 in 135	
DATUM RL (AHD)			
HGL	5.060	5.100	5.120	5.150	5.170	5.290
DEPTH TO INVERT	2.372	1.772	1.722	1.461	1.408	0.866
INVERT LEVEL	4.209	4.281	4.331	4.386	4.439	4.615
EXISTING SURFACE		6.05		5.85		5.48
LENGTH, CHAINAGE	78.27	21.49	99.76	16.56	116.32	23.84	140.16

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2	09/08/2040	PRELIMINARY ISSUE	S.C	E.H	
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H: 0 10 20m
V: 0 5 10m
SCALE H:1:500 V:1:250 @A1

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Drawn	J.O	06/07/2017
Checked	E.H	03/08/2017
Designed	S.C	06/07/2017
Verified		
Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: SEPARATION CREEK LONGITUDINAL SECTION

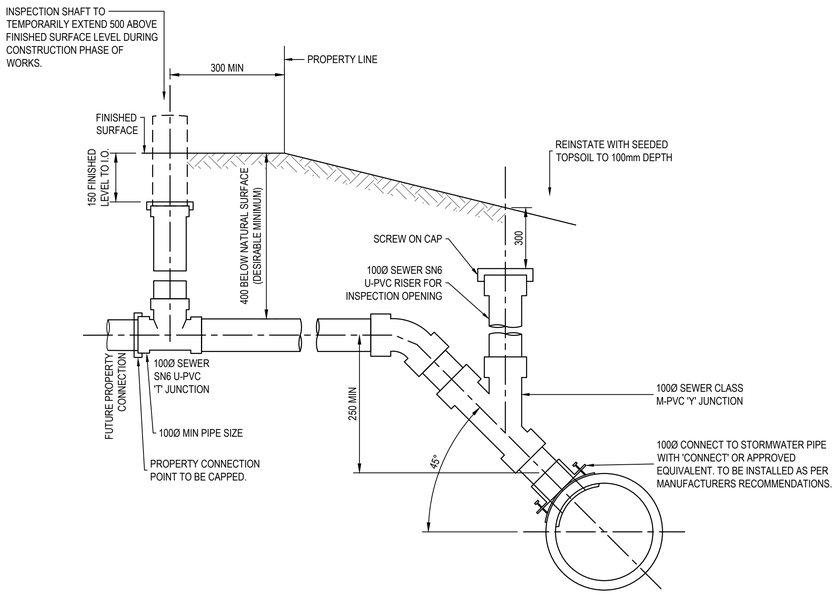
Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: 1:500H, 1:250V
Size: A1

Drawing Number: V170115-CI-4100
Revision: 3

XREF's:
CAD File: \\AUMELCFS01.cardno.corp\Vicdata1\20170001_0500\V170115_WyeRiver_StormwaterWater\Drafting\V170115-CI-4100.dwg

DATE PLOTTED: 18 August 2017 4:27 PM BY : JORDAN ORMEROD



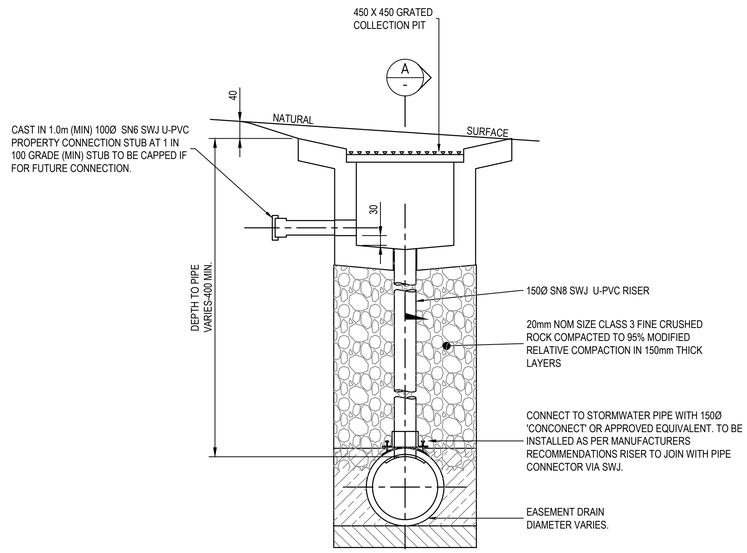
NOTES:

1. REFER TO PLUMBING CODE OF AUSTRALIA FOR ALL PIPE LAYING AND JOINTING REQUIREMENTS.

STREET DRAIN CONNECTION

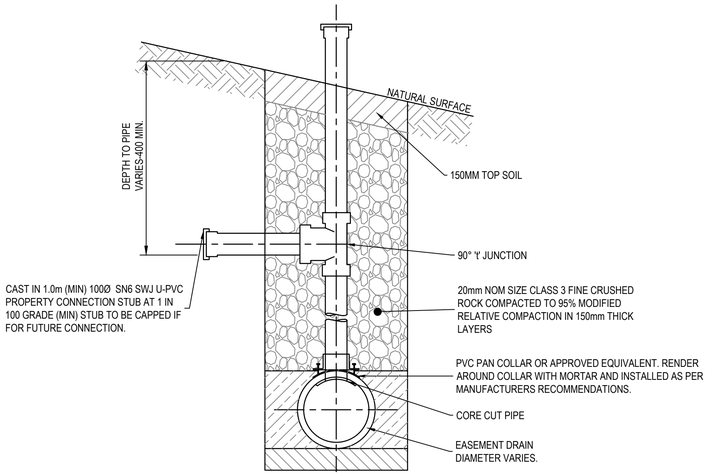
(45° TO PIPE WHERE COVER LIMITED OR STEEP GROUND)

NOT TO SCALE



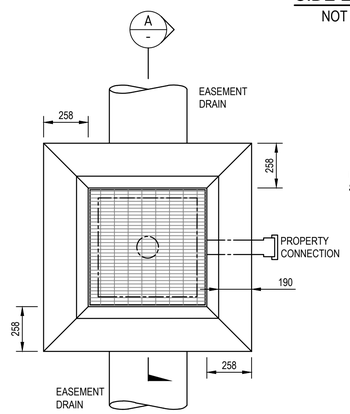
SIDE ELEVATION

NOT TO SCALE



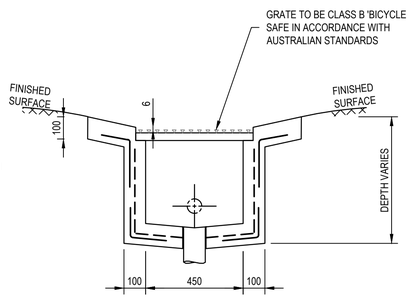
EASEMENT DRAIN CONNECTION (OPTION 1)

NOT TO SCALE



COLLECTION PIT - PLAN

NOT TO SCALE



SECTION A-A

NOT TO SCALE

NOTES:

1. EDGE CONCRETE AROUND PERIMETER OF GRATE
2. TOP OF GRATE 40mm (min) BELOW FINISHED SURFACE.
3. DO NOT BOND GRATE TO CONCRETE TO ALLOW EASY ACCESS TO PIT.
4. CONCRETE TO BE SMOOTH TROWELLED FINISH.
5. GRATE FRAME TO BE OILED IF INSTALLED IN WET CONCRETE.
6. CONCRETE STRENGTH F'C = 25MPa. (MIN) AT 28 DAYS
7. SEAL UP AND MAKE GOOD PIPE CONNECTION / INSERTION TO PIT.
8. PROPERTY CONNECTION MIN 100Ø PIPE AS PER CLAUSE 16.10.2 (PIPE DIAMETERS).

EASEMENT DRAIN CONNECTION (OPTION 2)

NOT TO SCALE

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3	09/08/2041	PRELIMINARY ISSUE	S.C	E.H	
2	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	
1	14/07/2017	PRELIMINARY ISSUE	M.S	E.H	

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		Date
Drawn	J.O	26/06/2017
Checked	E.H	26/07/2017
Designed	M.S	26/06/2017
Verified		
Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: TYPICAL DETAILS SHEET 1 OF 4

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: NTS
Size: A1

Drawing Number: V170115-CI-5000
Revision: 4

XREF's:
CAD File: \\AUMELCFS01.cardno.corp\Vicdata1\20170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-5000-5003.dwg

DATE PLOTTED: 18 August 2017 4:27 PM BY : JORDAN ORMEROD

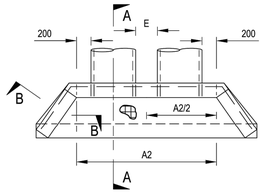
DIMENSIONS

TYPE 1 *SLOPE AT 1.5:1				TYPE 2 *SLOPE AT 2:1				TYPE 3 *SLOPE AT 3:1			
B	C	D	F	B	C	D	F	B	C	D	F
138	1037	197	240	138	1129	262	320	275	1312	393	480
221	1286	315	385	294	1433	420	513	441	1727	630	769
307	1547	438	535	409	1752	584	713	613	2161	876	1069
394	1804	563	687	525	2066	750	916	788	2591	1125	1373

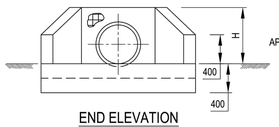
* THEORETICAL SLOPE OF WINGWALL MEASURED AT RIGHT ANGLES TO THE ROADWAY.
** A2=A+E=EXTERNAL DIAMETER OF PIPE
\# APPROXIMATE ONLY

NOM PIPE DIA	EXTERNAL PIPE DIA#	A**	E	H
300	362	762	300	531
375	445	845	300	610
450	534	934	300	692
525	616	1016	300	775

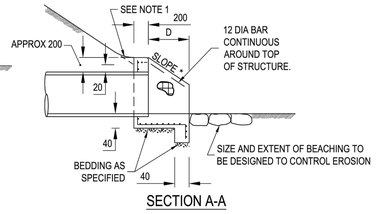
FOR LARGER PIPE DIAMETERS REFER TO VICROADS SD1931 REV B



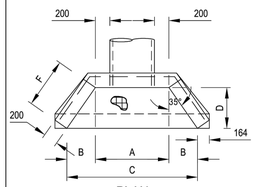
PLAN



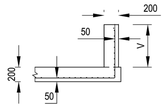
END ELEVATION



SECTION A-A



PLAN



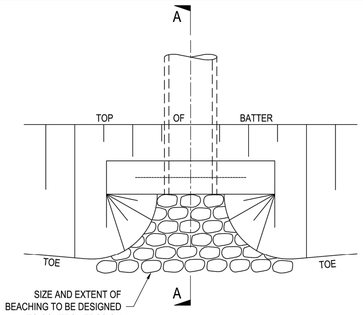
SECTION B-B

V = VARIABLE HEIGHT OF THE WINGWALL

NOTES:

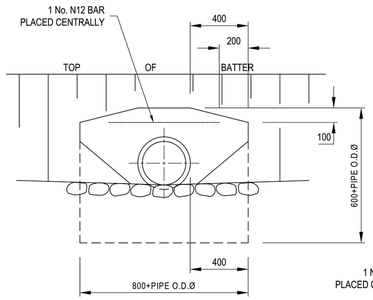
1. BECAUSE THE RELATION OF THE BATTER TO THE TOP OF THE ENDWALL IS ESSENTIAL FOR THE SAFETY OF THE MOTORIST THE DETAILS AS SHOWN IN SECTION A-A MUST BE ADHERED TO DURING CONSTRUCTION.
2. REINFORCEMENT, F82 UNLESS OTHERWISE SPECIFIED, SHALL BE CONTINUOUS AROUND CORNERS AND LOCATED AS SHOWN ON SECTIONS A-A AND B-B. CLEAR COVER 50 MIN. LAPS: FABRICS 300 MIN, BARS 25 X BAR DIAMETER MIN.
3. DISTRIBUTION BARS 12 DIA AT 200 CENTRES.
4. CONCRETE SHALL BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE OR HIGHER COMPLYING WITH THE REQUIREMENTS OF AS 1379. EXPOSURE CLASSIFICATION UP TO AND INCLUDING B1.
5. EXPOSED EDGES SHALL HAVE 20 x 20 CHAMFERS.
6. COMPACTION PRESSURE BEHIND WALLS NOT TO EXCEED 15 kPa. (1.5 TONNE VIBRATORY ROLLER OR 300 kg VIBRATING PLATE WITHIN 0.5m OF WALL).
7. ENDWALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF AS 3600.
8. CONCRETE STRENGTH F'C = 25MPa. (MIN) AT 28 DAYS.

ALL MEASUREMENTS IN MILLIMETRES



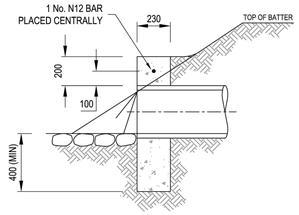
PLAN

NTS



END ELEVATION

NTS

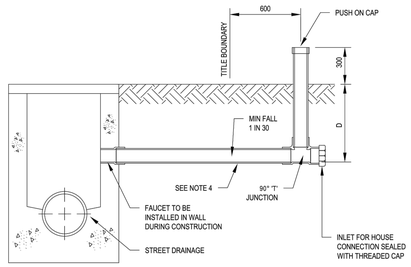


SECTION A-A

NOTES:

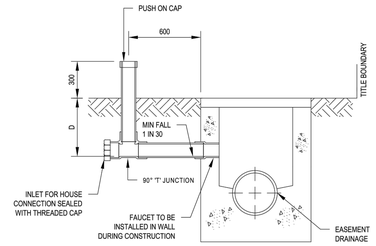
1. COMPACTION PRESSURE BEHIND ENDWALLS IS NOT TO EXCEED 12.5kPa.REFER (1.5 TONNE VIBRATORY ROLLER).
2. A MAXIMUM PIPE SIZE OF 300Ø FOR THIS ENDWALL ARRANGEMENT.
3. NOT TO BE USED WHERE GENERAL VEHICULAR TRAFFIC IS PRESENT, (MAINTENANCE OR EMERGENCY VEHICLES EXCEPTED).
4. ALTERNATIVELY PRECAST ENDWALL MAY BE USED WHERE APPROVED BY COUNCIL.
5. CONCRETE STRENGTH F'C = 25MPa. (MIN) AT 28 DAYS.

ALL MEASUREMENTS IN MILLIMETRES



STREET DRAINAGE ELEVATION

NOT TO SCALE



EASEMENT DRAINAGE ELEVATION

NOT TO SCALE

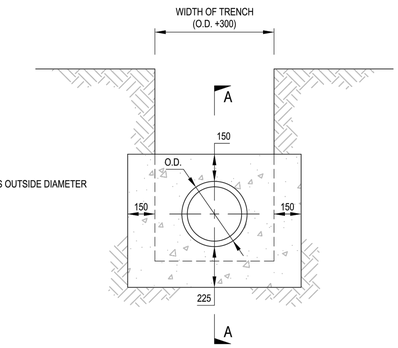
HOUSE DRAIN DIRECT TO DRAINAGE PIT

NOT TO SCALE

NOTES:

1. ALL PIPES AND FITTINGS TO BE OF 100mm PVC CLASS SN6, REFER AS 1260.
2. ALL PVC JOINTS TO BE SEALED WITH SOLVENT CEMENT OR RUBBER RING JOINTS.
3. DEPTH 'D' = 400mm MINIMUM UNLESS APPROVED BY COUNCIL.
4. BED PROPERTY CONNECTION PIPE ON 50MM COMPACTED 20mm CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE.
5. BACKFILL TRENCH WITH CLASS 3 20mm CRUSHED ROCK OR CLASS 3 20mm CRUSHED CONCRETE TO 100mm ABOVE THE PROPERTY CONNECTION PIPE IN EASEMENTS AND UNPAVED AREAS AND TO SUBGRADE LEVEL UNDER FOOTPATHS AND PAVED AREAS.
6. TRENCH UNDER FOOTPATH TO BE BACKFILLED WITH COMPACTED 20MM CLASS 3 CRUSHED ROCK.
7. IF THE HOLE IN THE PIT WALL FOR THE PIPE IS NOT AVAILABLE, A HOLE IS TO BE CORE DRILLED.
8. ALL DIMENSIONS IN MILLIMETRES OR AS NOTED OTHERWISE.
9. REFER TO EDCM 605-609 FOR PIT DETAILS.

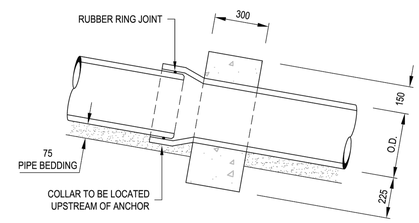
* 'O.D.' DENOTES OUTSIDE DIAMETER



ELEVATION

DRAINAGE PIPE ANCHOR BLOCK

NOT TO SCALE



SECTION A-A

NOTES:

1. FOR USE ON PIPE AT GRADES OF 1 IN 10 OR GREATER.
2. TO BE CONSTRUCTED AT A MAXIMUM OF 10m CTRS.
3. CONCRETE STRENGTH TO BE 25MPa.

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1	14/07/2017	PRELIMINARY ISSUE	M.S	E.H	

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Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: TYPICAL DETAILS SHEET 2 OF 4

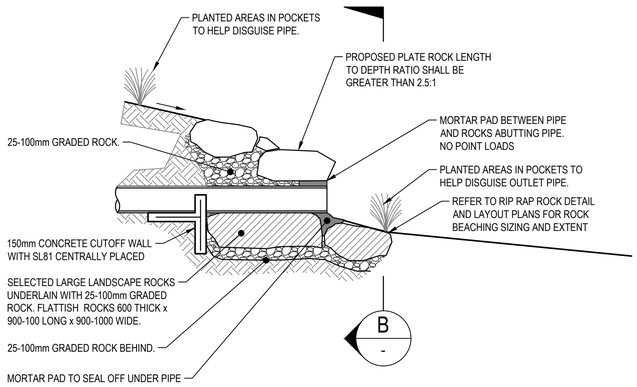
Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: NTS
Size: A1

Drawing Number: V170115-CI-5001
Revision: 4

XREF's:
CAD File: \\AUMELCFS01.cardno.corp\ViciData\20170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-5000-5003.dwg

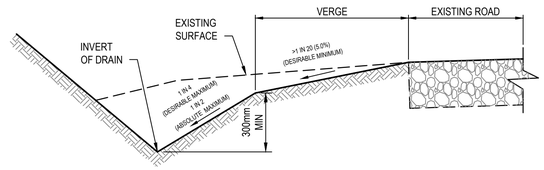
DATE PLOTTED: 18 August 2017 4:27 PM BY : JORDAN ORMEROD



ROCK ENDWALL DETAIL

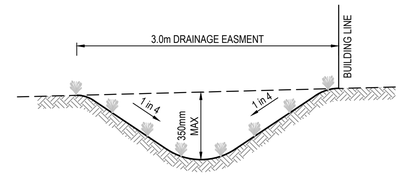
NOT TO SCALE

REFER TO MW STANDARD DRAWING 7251/8/105



TYPICAL TABLE DRAIN (TYPE-A)

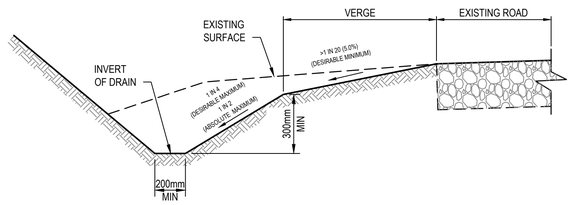
NOT TO SCALE



EASMENT CATCH DRAIN DETAIL (TYPE-E)

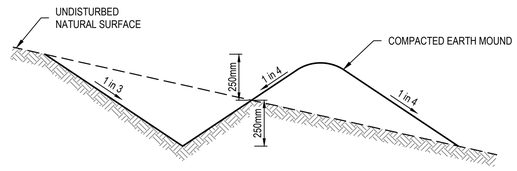
NOT TO SCALE

NOTE: DRAINS TO BE GRADED TO NOMINATED OUTLETS. FINISH WITH 100mm TOPSOIL



TYPICAL TABLE DRAIN (TYPE-B)

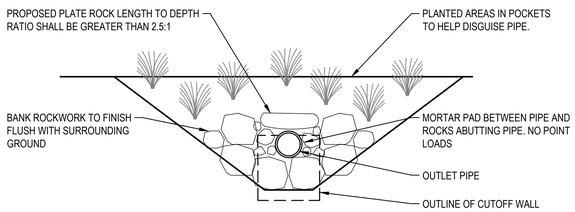
NOT TO SCALE



TYPICAL MOUNDED CATCH DRAIN(TYPE-F)

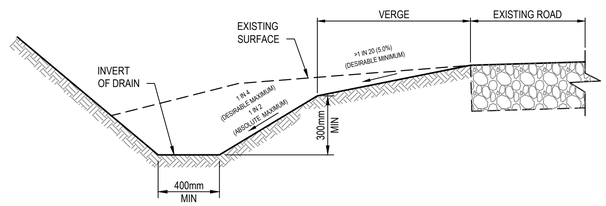
NOT TO SCALE

NOTE: DRAINS TO BE GRADED TO NOMINATED OUTLETS. FINISH WITH 100mm TOPSOIL



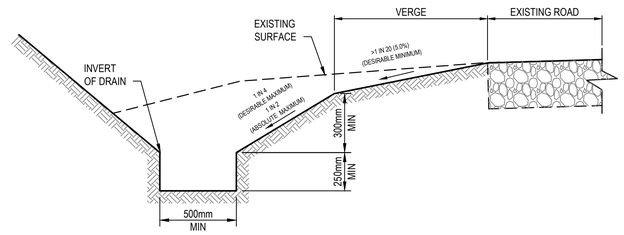
SECTION B

NOT TO SCALE



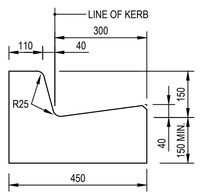
TYPICAL TABLE DRAIN (TYPE-C)

NOT TO SCALE



TYPICAL TABLE DRAIN (TYPE-G)

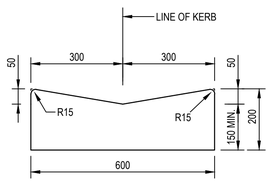
NOT TO SCALE



TYPICAL KERB PROFILE B2

NOT TO SCALE

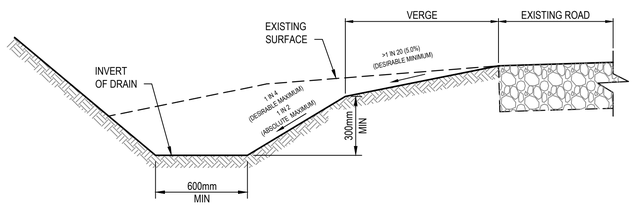
NOTE: REFER TO APPENDIX G OF IDM V5.0 SD100 FOR NOTES



TYPICAL KERB PROFILE M2

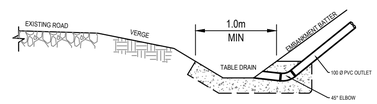
NOT TO SCALE

NOTE: REFER TO APPENDIX G OF IDM V5.0 SD100 FOR NOTES



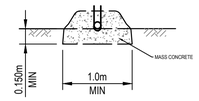
TYPICAL TABLE DRAIN (TYPE-D)

NOT TO SCALE



HOUSE OUTLETS INTO TABLE DRAIN

NOT TO SCALE



ELEVATION

NOT TO SCALE

WARNING

EXTERNAL APPROVAL

THIS DRAWING IS SUBJECT TO THE APPROVAL OF **COLAC OTWAY SHIRE** AND IS A PRELIMINARY ISSUE

Rev.	Date	Description	Des.	Verif.	Appd.
3	18/08/2022	COMMUNITY CONSULTATION	M.S	E.H	
2	09/08/2041	PRELIMINARY ISSUE	S.C	E.H	
1	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	

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Web: www.cardno.com.au

		Date
Drawn	J.O	03/08/2017
Checked	E.H	03/08/2017
Designed	S.C	03/08/2017
Verified		
Approved		

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: TYPICAL DETAILS SHEET 3 OF 4

Status: PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Scale: NTS

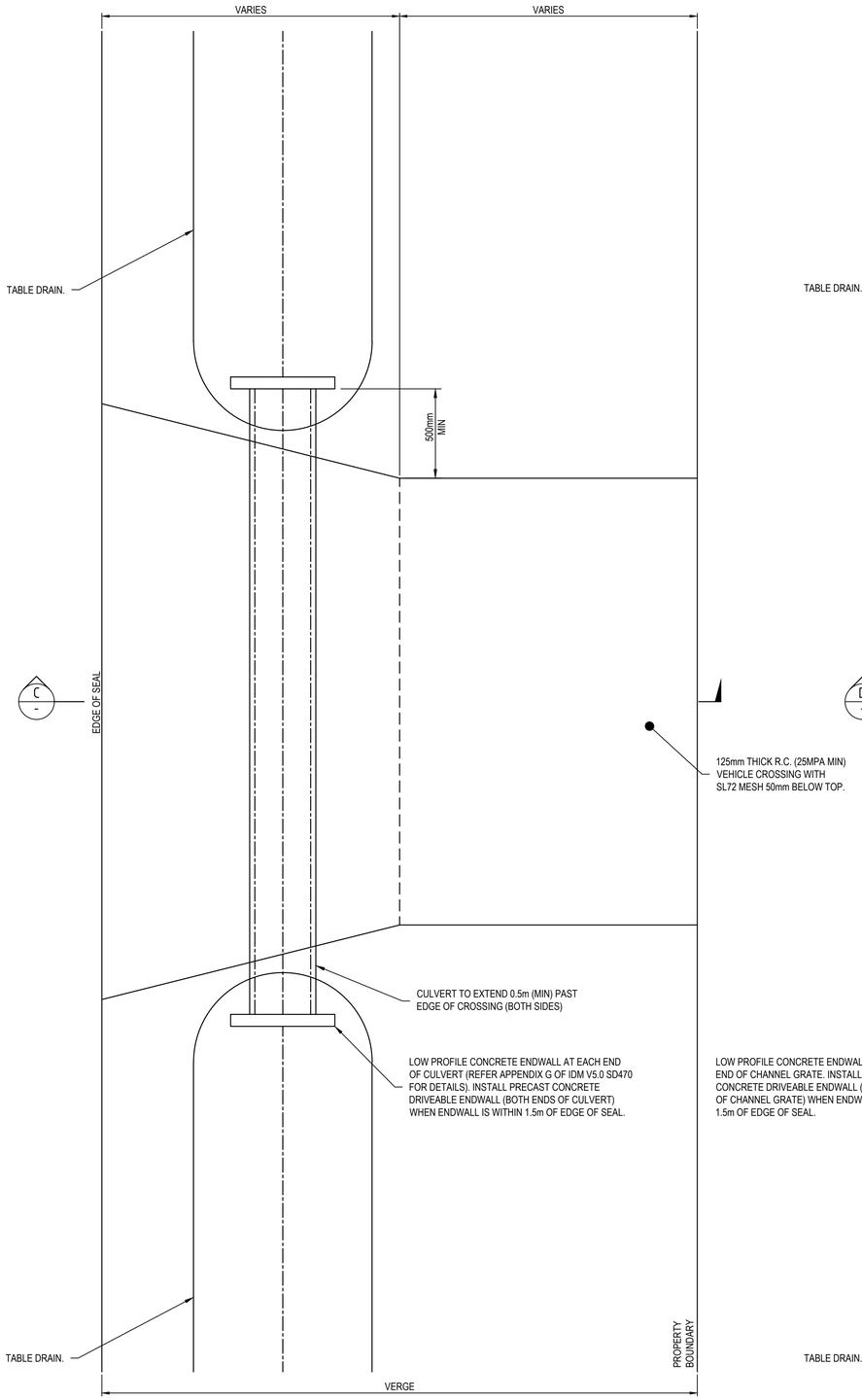
Size: A1

Drawing Number: V170115-CI-5002

Revision: 3

XREFS:
CAD File: \\AUMELCFS01.cardno.corp\VicData1\20170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-5000-5003.dwg

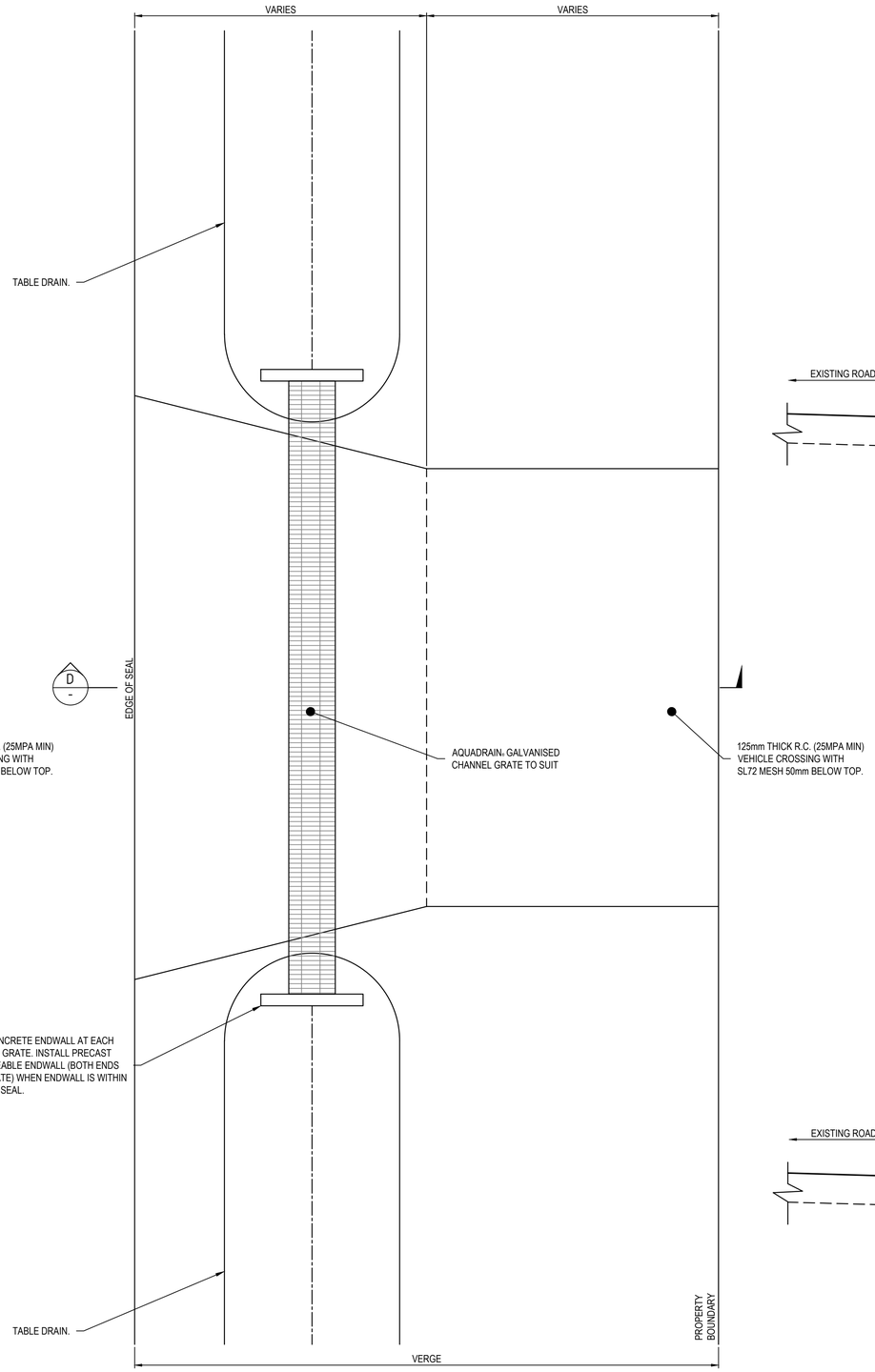
DATE PLOTTED: 18 August 2017 4:27 PM BY : JORDAN ORMEROD



TYPICAL TABLE DRAIN CULVERT VEHICLE CROSSING

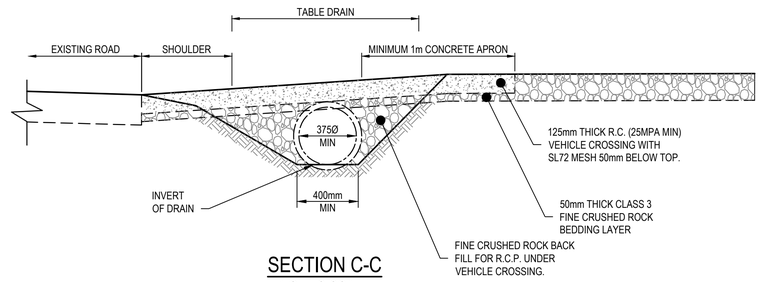
NOT TO SCALE

NOTE: REFER TO APPENDIX G OF IDM V5.0 SD260 FOR NOTES



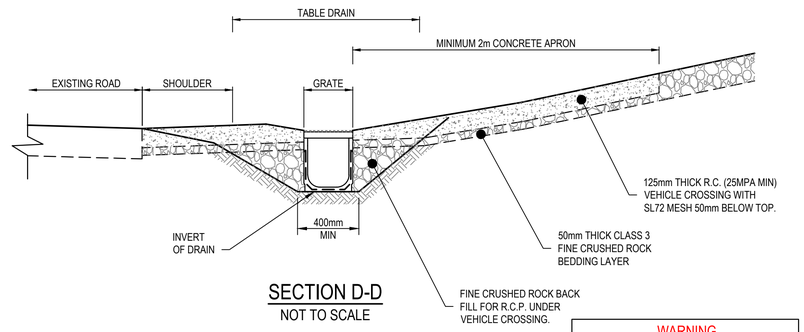
TYPICAL TABLE DRAIN CHANNEL GRATE VEHICLE CROSSING

NOT TO SCALE



SECTION C-C

NOT TO SCALE



SECTION D-D

NOT TO SCALE

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2	09/08/2042	PRELIMINARY ISSUE	S.C	E.H	
1	03/08/2017	PRELIMINARY ISSUE	S.C	E.H	

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Drawn J.O	Date 03/08/2017	
Checked E.H	Date 03/08/2017	
Designed S.C	Date 03/08/2017	
Verified	Date	
Approved	Date	

Client: COLAC OTWAY SHIRE

Project: WYE RIVER AND SEPARATION CREEK STORMWATER MANAGEMENT SYSTEM

Title: TYPICAL DETAILS SHEET 4 OF 4

Status: PRELIMINARY
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Scale: NTS
Size: A1

Drawing Number: V170115-CI-5003
Revision: 3

XREF's:
CAD File: \\AUMELCFS01.cardno.corp\VicData\120170001_0500\V170115_WyeRiver_Stormwater\Water\Drafting\V170115-CI-5000-5003.dwg