Amendments

Issue	Description	Date
A	ISSUED FOR DA-DRAFT	28.02.2017
B	ISSUED FOR DA - DRAFT	07.03.2017
C	ISSUED FOR DA	08.03.2017
D	ISSUED FOR COORDINATION	14.08.2017
E	ISSUED FOR DA - DRAFT	23.08.2017
F	ISSUED FOR DA	25.08.2017

LEGEND

- BOUNDARY
- 1.5 YR FLOOD LINE
- 1:100YR FLOOD LINE
- CONCRETE EDGE TO WETLAND
- CONCRETE FOOTPATH
- PAVERS OR CONCRETE PATH CONNECTION
- SANDSTONE FLAGGING PAVEMENT
- TURF
- SHRUBS
- BIORETENTION PLANTING
- MACROPHYTE PLANTING
- ROCK EDGE
- SANDSTONE WALL
- SEAT
- PIC-NIC TABLE
- PROPOSED TREE

NOTE:
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architecture interior design urban design landscape
nominated architect M. Sheldon 3990

Project Title
The Waterfront
Shell Cove

Drawing Title
PRECINCT E & WETLAND 6
LANDSCAPE - DA
W6 - GENERAL ARRANGEMENT

Scale 1:500 @A1
Drawing created (date) 28.02.2017
By FZ
Plotted and checked by FZ
Verified SH
Approved SH

Drawing No. 13294 - EW-1200 Issue F

File R:\13294 Shell Cove
Plot Date SCATES

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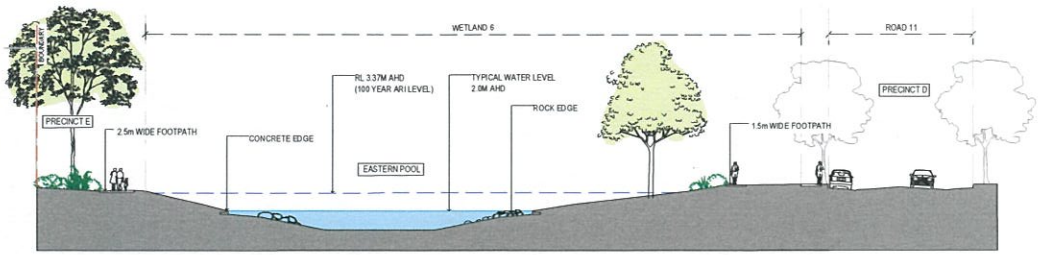
PLANT SCHEDULE FOR WETLAND - 6

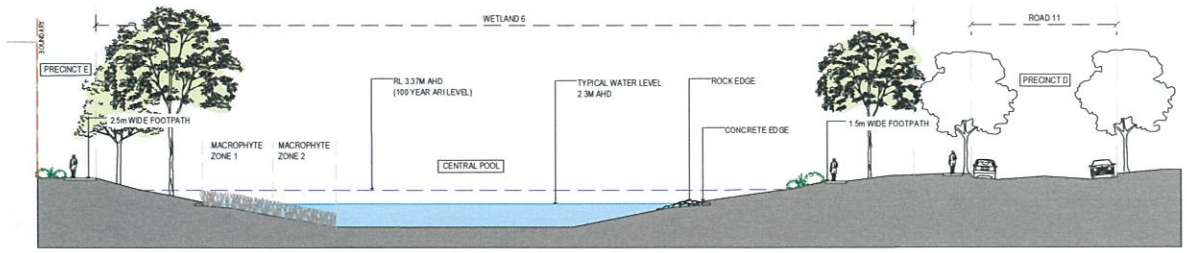
CODE	COMMON NAME		MATURE SIZE (H x W) m	INSTALLATION SIZE	QUANTITY
TREES					
Bi	Banksia integrifolia	Coastal Banksia	15 x 7	200Lt	13
Cs	Callistemon salignus	Pink Tipped Bottlebrush	9 x 4	200Lt	15
Eg	Eucalyptus amplifolia	Cabbage Gum	25 x 8	200Lt	13
Et	Eucalyptus tereticornis	Forest Red Gum	10 x 10	200Lt	14
Mn	Melaleuca styphelioides	Prickly-leaved Paperbark	8 X 5	200Lt	25
SHRUBS					
S	Acacia longifolia sophorae			grow tube	Tot. Area
	Banksia ericifolia			grow tube	
	Callistemon 'Little John'			grow tube	
	Correa alba			grow tube	
	Darwinia citriodora			grow tube	
	Eriostemon myoporoides			grow tube	
	Grevillea 'Honey Gem'			grow tube	3 per m2
	Leptospermum laevigatum			grow tube	
	Macrozamia communis			grow tube	
	Pimelea ferruginea			grow tube	
	Rhagodia candolleana			grow tube	
	Syzygium australe			grow tube	
	Westringia 'Mundi'			grow tube	

BIORETENTION PLANTING					
M1	Carex appressa			grow tube	Tot. Area
	Carex fascicularis			grow tube	
	Carex pumila			grow tube	
	Gahnia sieberiana			grow tube	
	Juncus amabilis			grow tube	6 per m2
	Juncus krausii			grow tube	
	Juncus flavidus			grow tube	
	Lepidosperma longitudinale			grow tube	
	Leptinella articulata			grow tube	
MACROPHYTES PLANTING					
M2	Baumea rubiginosa			grow tube	Tot. Area
	Baumea acuta			grow tube	
	Baumea articulata			grow tube	
	Eleocharis acuta			grow tube	
	Eleocharis sphacelata			grow tube	6 per m2
	Ficinia nodosa			grow tube	
	Phragmites australis			grow tube	
	Schoenoplectus validus			grow tube	
	Typha domingensis			grow tube	

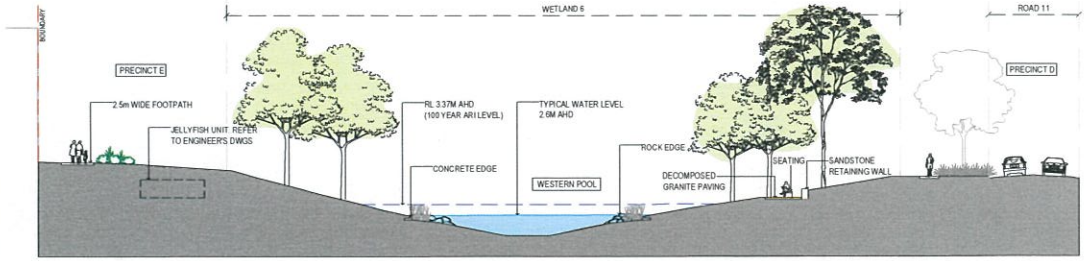
Amendments		
Issue	Description	Date
A	ISSUED FOR DA	28.02.2017
B	ISSUED FOR DA - REV	23.06.2017



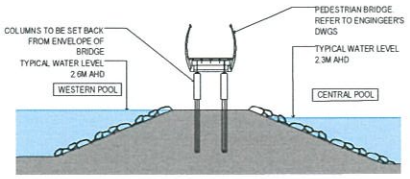
01 / 3001 TYPICAL CROSS SECTION THROUGH EASTERN POOL
SCALE 1:200



02 / 3001 TYPICAL CROSS SECTION THROUGH CENTRAL POOL
SCALE 1:200



03 / 3001 TYPICAL CROSS SECTION THROUGH WESTERN POOL
SCALE 1:200



04 / 3001 TYPICAL PEDESTRIAN BRIDGE SECTION
SCALE 1:200

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tem architect M. Shaddon 3995

Project Title
The Waterfront
Shell Cove

Drawing Title
PRICINCT E & WETLAND 6
LANDSCAPE DA
W6 - SECTION

Scale	1:200@A1
Drawing created (date)	21/02/2017
By	KL
Plotted and checked by	HB
Verified	SH
Approved	SH
Drawing No	Issue
13294 - EW-3001	B
File	Plot Date
P:\13294 Shell Cove	30/4/13

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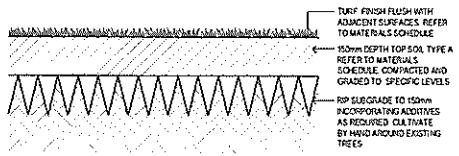
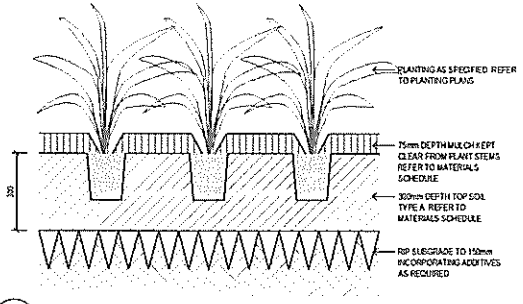
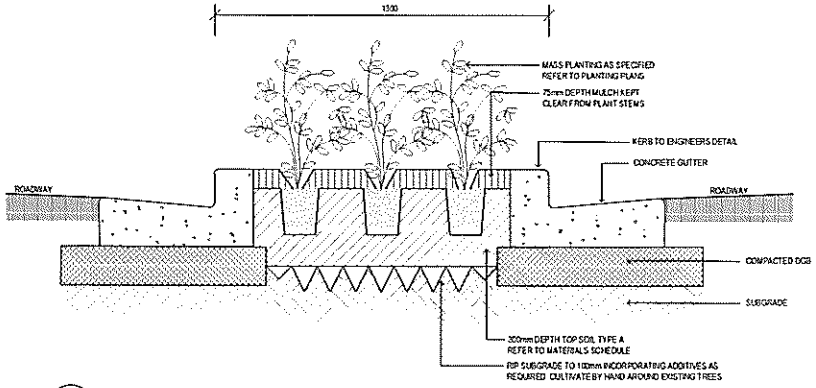


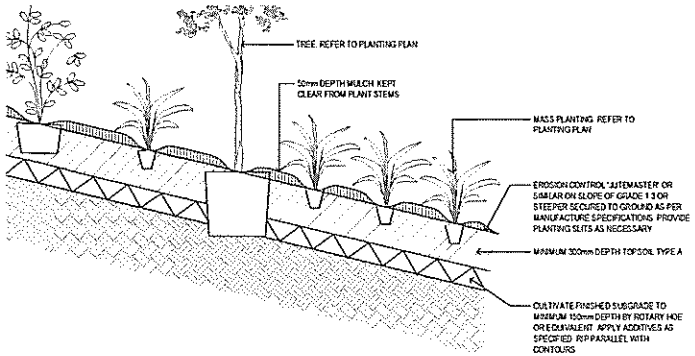
01 4003 TURF TYPICAL DETAIL
SCALE 1:10



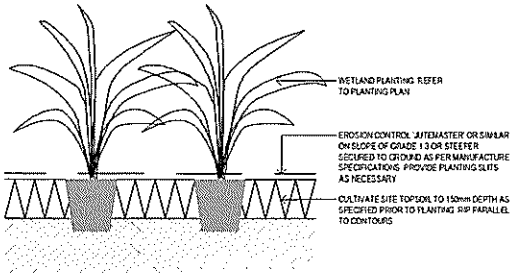
02 4003 MASS PLANTING TYPICAL DETAIL SECTION
SCALE 1:10



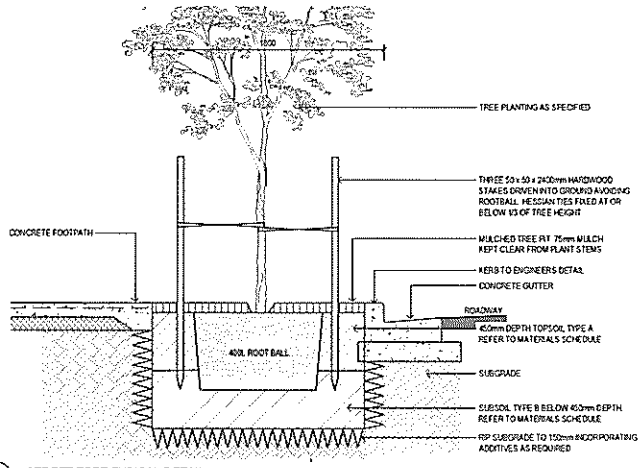
03 4003 MEDIAN PLANTING TYPICAL DETAIL SECTION
SCALE 1:10



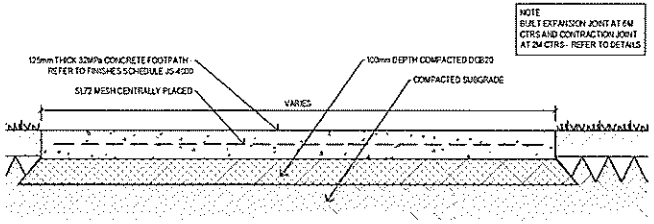
04 4003 MASS PLANTING ON BATTER ON TYPICAL DETAIL
SCALE 1:10



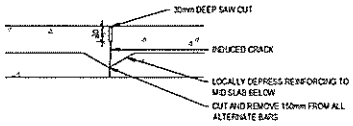
05 4003 WETLAND PLANTING TYPICAL DETAIL
SCALE 1:10



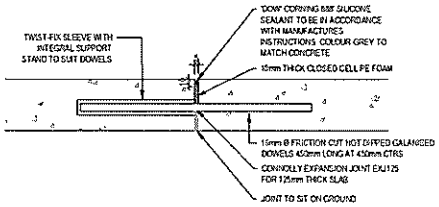
06 4003 STREET TREE TYPICAL DETAIL
SCALE 1:10



07 4003 CONCRETE FOOTPATH TYPICAL DETAIL
SCALE 1:10



08 4003 CONCRETE FOOTPATH TYPICAL CONTRACTION JOINT DETAIL
SCALE 1:5



09 4003 CONCRETE FOOTPATH TYPICAL EXPANSION JOINT DETAIL
SCALE 1:5

Amendments

Issue	Description	Date
A	ISSUED FOR DA	02.03.2017

NOTE
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nominated architect M Shelton 5997

Project Title
The Waterfront
Shell Cove

Drawing Title
PRICINCT E & WETLAND 6
LANDSCAPE - DA
DETAILS

Scale	1:50@A1
Drawing created (date)	28/02/2017
By	MG
Plotted and checked by	MG
Verified	SH
Approved	SH
Drawing No	Issue
13294 - EW-4003	A
File	Plot Date
13294-EW-4003.dwg	03/11

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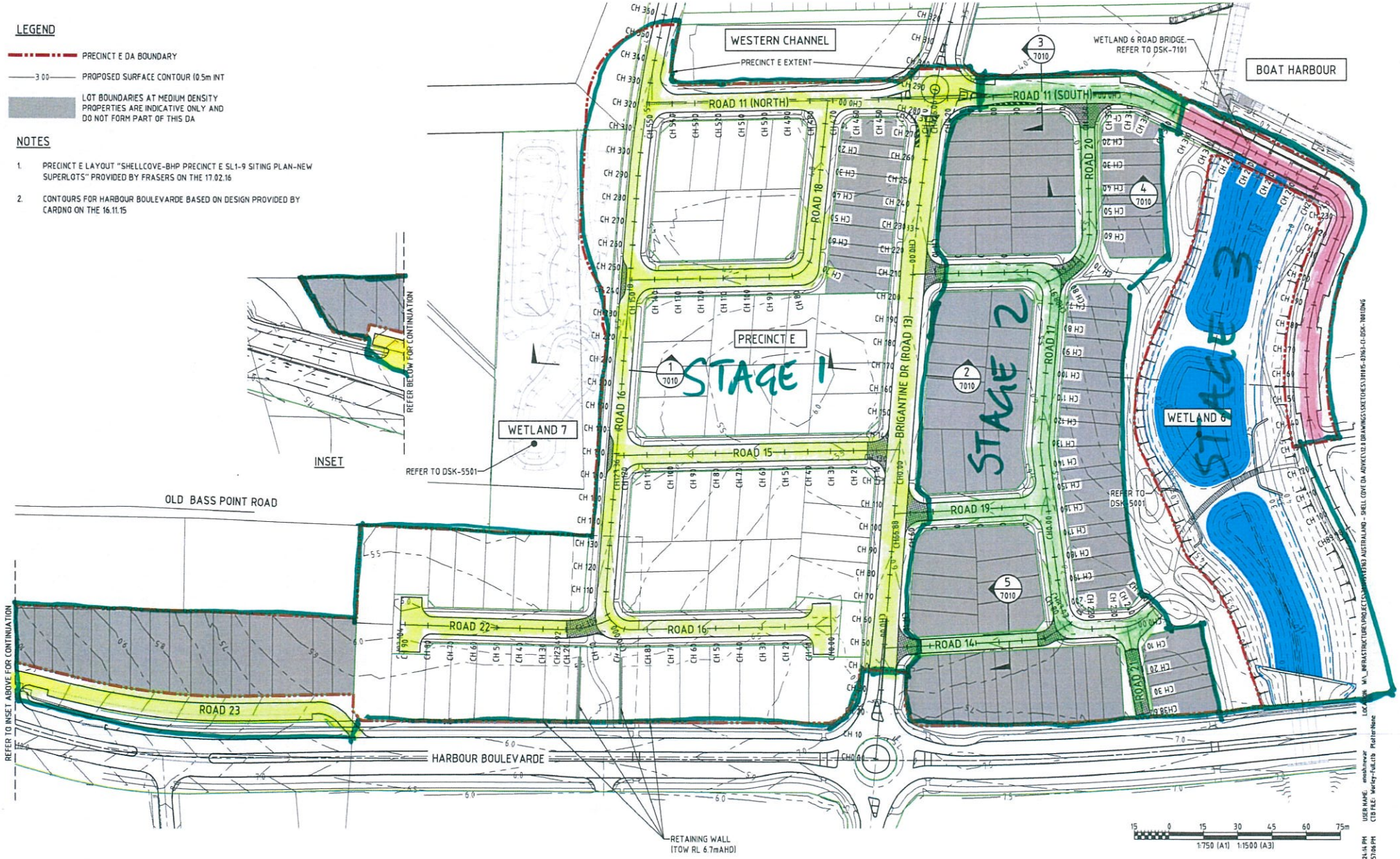
LEGEND

- PRECINCT E DA BOUNDARY
- 3.00 PROPOSED SURFACE CONTOUR (0.5m INT
- LOT BOUNDARIES AT MEDIUM DENSITY PROPERTIES ARE INDICATIVE ONLY AND DO NOT FORM PART OF THIS DA

NOTES

1. PRECINCT E LAYOUT "SHELLCOVE-BHP PRECINCT E SL1-9 SITING PLAN-NEW SUPERLOTS" PROVIDED BY FRASERS ON THE 17.02.16
2. CONTOURS FOR HARBOUR BOULEVARDE BASED ON DESIGN PROVIDED BY CARDNO ON THE 16.11.15



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ISSUE	DATE	ISSUE DESCRIPTION	DRAWN
D	17.03.17	ISSUED FOR APPROVAL	EN
C	08.02.17	ISSUED FOR APPROVAL	EN
B	13.12.16	ISSUED FOR APPROVAL	EN
A	01.11.16	ISSUED FOR CLIENT REVIEW	EN

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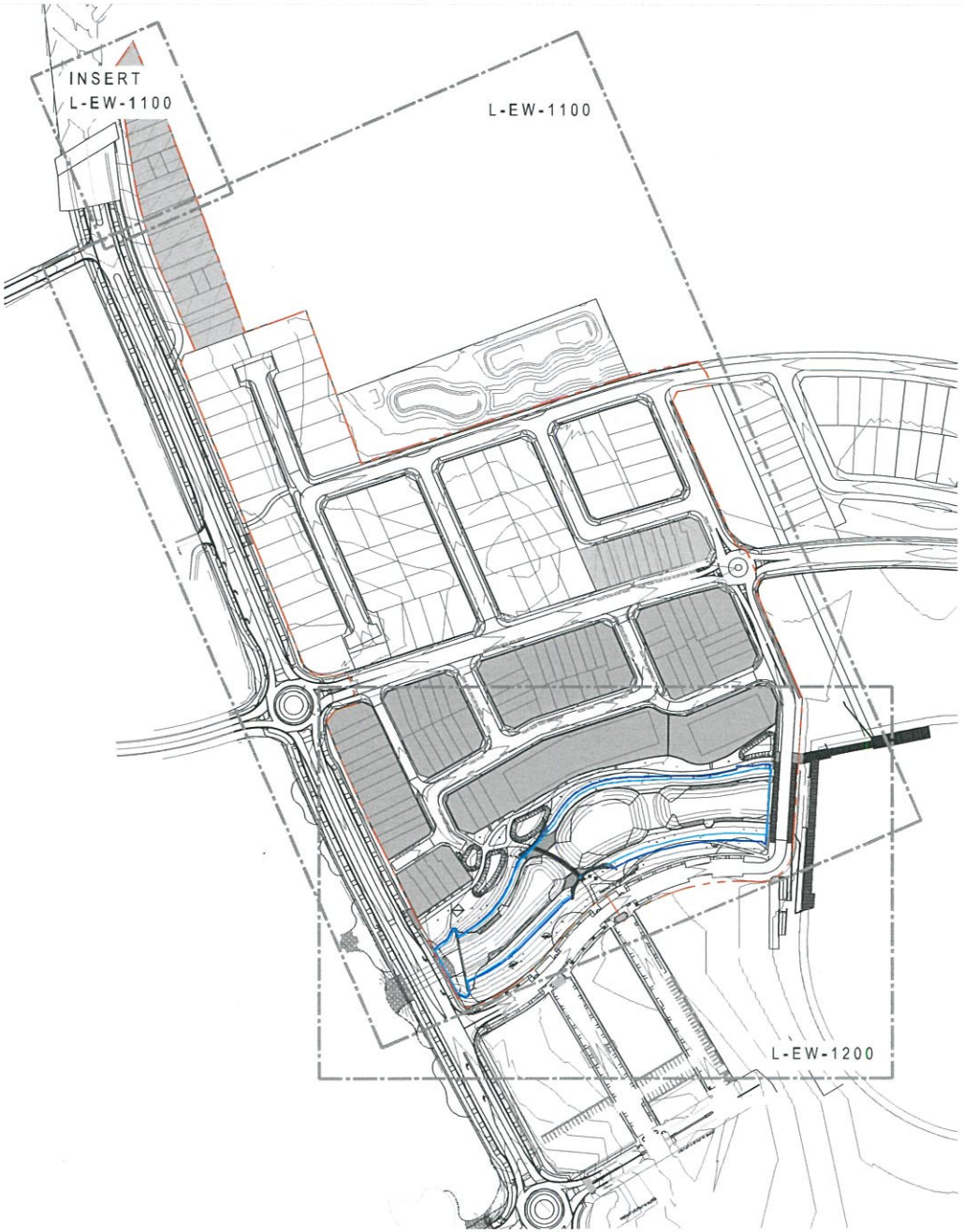
NORTH

SHELL COVE - BOAT HARBOUR PRECINCT
PRECINCT E
Staging Plan ~~GRADING PLAN~~
301015-03163-CI-DSK-7001

PLOT DATE & TIME: 7/7/2017 5:24:14 PM SAVE DATE & TIME: 7/7/2017 5:31:06 PM USER NAME: emakinezar CTB FILE: Worley-GAL.ctb Plotter:None LOCATION: M:_INFRASTRUCTURE\PROJECTS\301015\03163 AUSTRALIAND - SHELL COVE DA ADVICE\12.0 DRAWINGS\SKETCHES\301015-03163-CI-DSK-7001.DWG

Received 25 Jul 2017



DRAWING SCHEDULE

L-EW-0000	COVER SHEET
L-EW-1100	PRECINCT E - GENERAL ARRANGEMENTS PLAN (GA)
L-EW-1200	WETLAND 6 - GENERAL ARRANGEMENTS PLAN (GA)
L-EW-3001	WETLAND 6 - SECTIONS
L-EW-4001	FENCE DETAILS
L-EW-4002	FENCE DETAILS
L-EW-4003	DETAILS

Amendments

Issue	Description	Date
A	ISSUED FOR DA	28.02.2017
B	ISSUED FOR DA	25/09/2017

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nsw architect M. Sheldon 3993

Project Title
The Waterfront
Shell Cove

Drawing Title
PRECINCT E & WETLAND 6
LANDSCAPE - DA
COVER SHEET

Scale	1:1500 @ A1
Drawing created (date)	28.02.2017
By	FZ
Plotted and checked by	FZ
Verified	SH
Approved	SH
Drawing No	Issue
13294 - EW-0000	B
File	Plot Date
P:\13294 Shell Cove	02/ATE3

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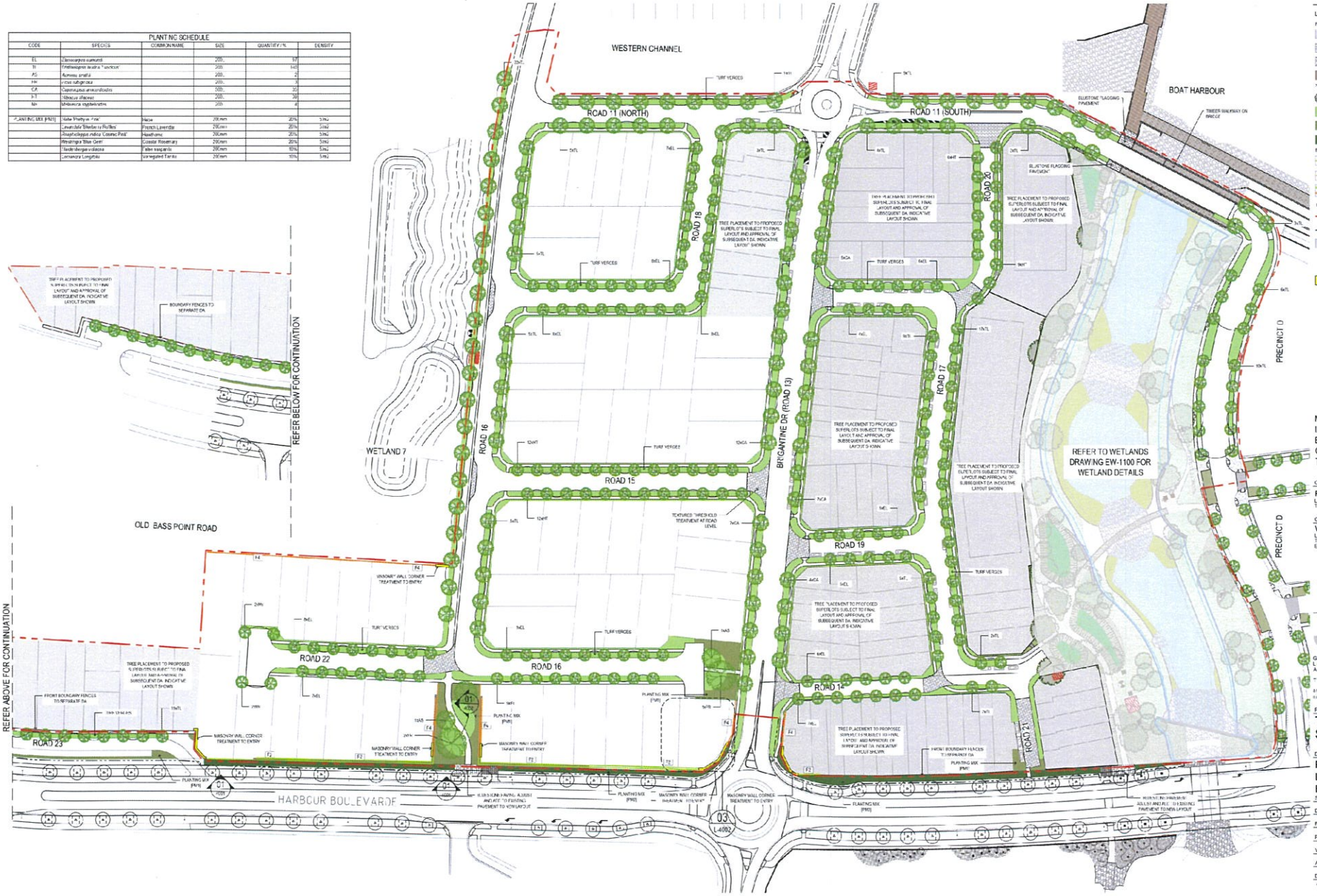
PLANTING SCHEDULE					
CODE	SPECIES	COMMON NAME	SIZE	QUANTITY / %	DENSITY
EL	Elaeocarpus eumundi		200L	19	
TI	Trichocladus ilicifolius "Hancock"		200L	140	
AS	Acmena smithii		200L	2	
HV	Livistona australis		200L	3	
CA	Casuarina cunninghamiana		500L	10	
HT	Hibiscus tiliaceus		200L	36	
NH	Melaleuca nesophila		200L	4	
PLANTING MIX (PM1)	Hebe 'Pretty in Pink'	Hebe	200mm	20%	5/m2
	Lavandula 'Blue Ice' cv Pavillion	French Lavender	200mm	20%	5/m2
	Rhaphiolepis indica 'Cosmic Pink'	Hawthorne	200mm	20%	5/m2
	Westringia 'Blue Gem'	Coastal Rosemary	200mm	20%	5/m2
	Hardenbergia violacea	False sarsparilla	200mm	10%	5/m2
	Lomandra longifolia	Variegated Tanika	200mm	10%	5/m2



Amendments

Issue	Description	Date
A	ISSUED FOR DA	28.02.2017
B	ISSUED FOR DA	07.03.2017
C	ISSUED FOR DA	08.03.2017
D	ISSUED FOR DA	26.03.2017

LEGEND

PAVING
- CONCRETE FOOTPATH
- THRESHOLD: INSITRIL TECHNAPER CHARCOAL
- BLUESTONE PAVING FLAGS
- TIMBER DECK

NEW LANDSCAPE
- PROPOSED TREE Refer to planting schedule
- TURF Axonopus fastigiatus
- PLANTING MIX (PM1) Refer to planting schedule
- PLANTING MIX (PM2) Refer to planting schedule

BOUNDARIES
- 1.8 SPECIAL FENCING / Powder coated steel with solid 200 40mm high - Colorbond with powder coated aluminium slat fence (1800mm high)
- F1 - SPECIAL FENCING / RAIL TO FRONT Masonry rendered block wall with harvest timber rail panel
- RETAINING WALL Where boundary treatment shown as double line

OTHER
- BOUNDARY OF WORKS
- EXTENT OF WORKS
- TREE PLACEMENT TO PROPOSED SUPERLOTS SUBJECT TO FINAL LAYOUT AND APPROVAL OF SUBSEQUENT DA. INDICATIVE LAYOUT SHOWN
- MASONRY WALL CORNER TREATMENT TO ENTRY

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architecture interior design urban design landscape
nominated architect M. Sheldon 3980

Project Title
The Waterfront Shell Cove

Drawing Title
PRECINCT E & WETLAND 6 LANDSCAPE DA
E - GENERAL ARRANGEMENT

Scale 1:750 @A1
Drawing created (date) 28/02/2017
By YZ
Plotted and checked by VG
Verified NH
Approved DH
Drawing No 13294 - EW-1100
Issue D
Title
Plot Date
SCATES

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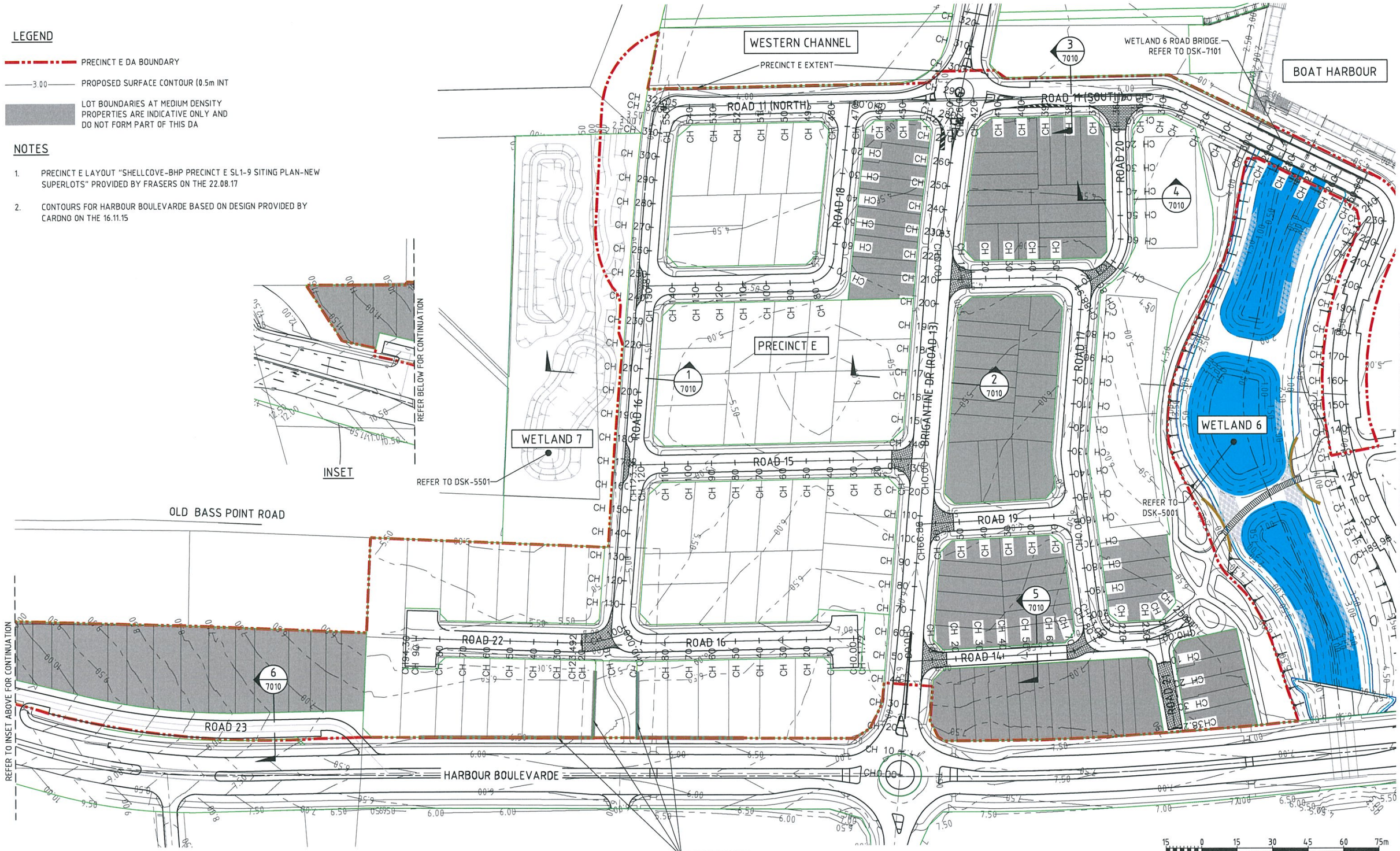
LEGEND

- PRECINCT E DA BOUNDARY
- 3.00 PROPOSED SURFACE CONTOUR (0.5m INT
- LOT BOUNDARIES AT MEDIUM DENSITY PROPERTIES ARE INDICATIVE ONLY AND DO NOT FORM PART OF THIS DA

NOTES

1. PRECINCT E LAYOUT "SHELLCOVE-BHP PRECINCT E SL1-9 SITING PLAN-NEW SUPERLOTS" PROVIDED BY FRASERS ON THE 22.08.17
2. CONTOURS FOR HARBOUR BOULEVARDE BASED ON DESIGN PROVIDED BY CARDNO ON THE 16.11.15



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ISSUE	DATE	ISSUE DESCRIPTION	DRAWN
J	22.09.17	DESIGN CONTOURS REVISED	KM
I	05.09.17	DRAWING UPDATED	KM
H	01.09.17	SECTION 6 ADDED	KM
G	30.08.17	FOOTPATH REVISED BETWEEN ROAD 17 & WETLAND 6 CONNECTION	KM
F	28.08.17	ROAD 21 AREA REVISED AND PRECINCT E BOUNDARY UPDATED	KM

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INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION

NORTH

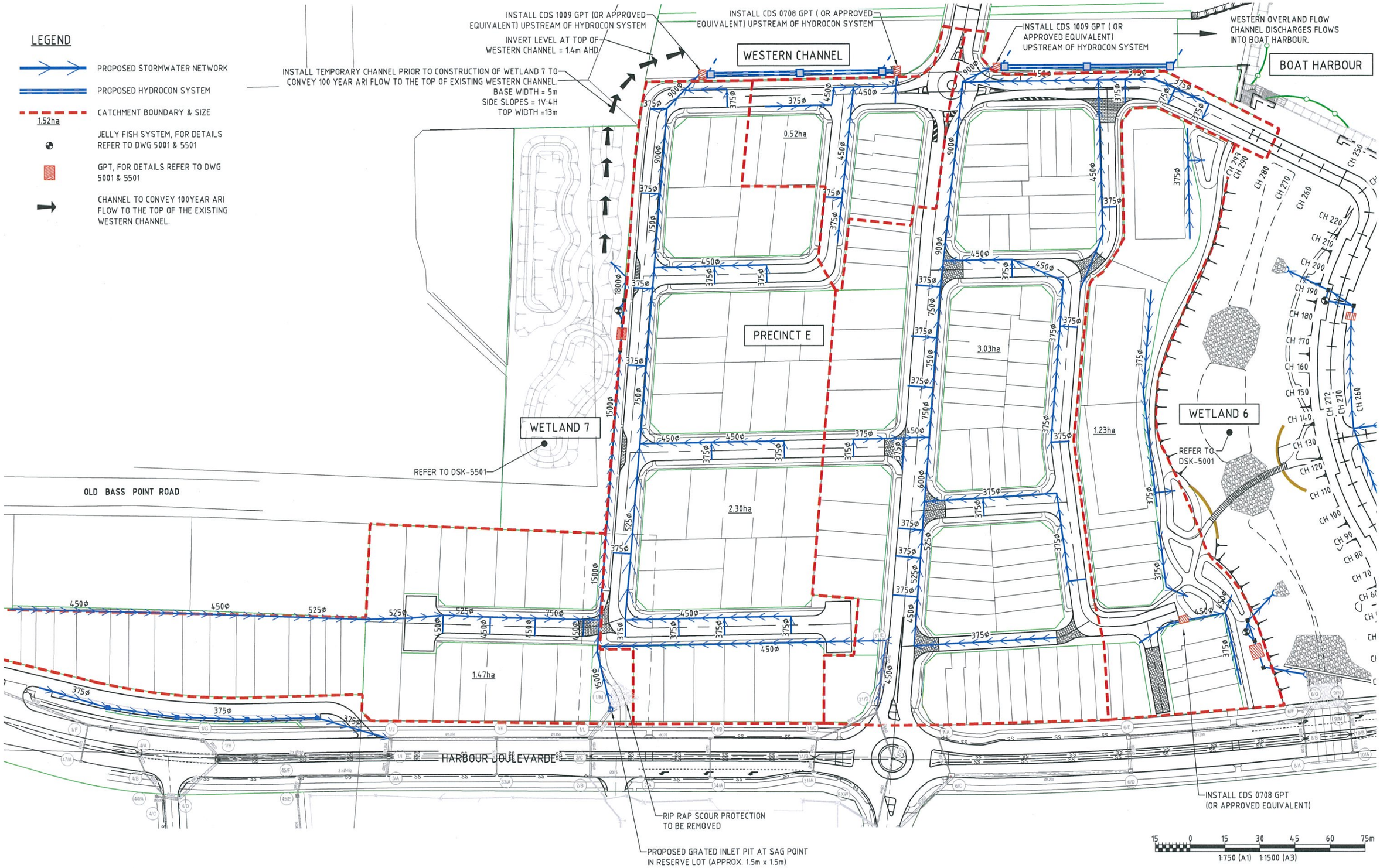
SHELL COVE - BOAT HARBOUR PRECINCT
PRECINCT E
GRADING PLAN

301015-03163-CI-DSK-7001

PLOT DATE & TIME: 22/9/2017 5:46:31 PM
SAVE DATE & TIME: 22/9/2017 5:46:12 PM
USER NAME: kannanmanickam
CTB FILE: Worley-Full.ctb Plotter:None
LOCATION: W:_INFRASTRUCTURE\PROJECTS\301015\03163 AUSTRALAND - SHELL COVE DA ADVICE\12.0 DRAWINGS\SKETCHES\301015-03163-CI-DSK-7001.DWG

LEGEND

- PROPOSED STORMWATER NETWORK
- PROPOSED HYDROCON SYSTEM
- CATCHMENT BOUNDARY & SIZE (1.52ha)
- JELLY FISH SYSTEM, FOR DETAILS REFER TO DWG 5001 & 5501
- GPT, FOR DETAILS REFER TO DWG 5001 & 5501
- CHANNEL TO CONVEY 100YEAR ARI FLOW TO THE TOP OF THE EXISTING WESTERN CHANNEL.



WorleyParsons
resources & energy

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ISSUE	DATE	ISSUE DESCRIPTION	DRAWN
E	01.09.17	CATCHMENT UPDATED	KM
D	15.08.17	CATCHMENT BOUNDARY UPDATED IN ROAD 11 & 16 BEND	KM
C	13.12.16	ISSUED FOR APPROVAL	EN
G	08.09.17	STORM WATER DESIGN CHANGED	KM
F	05.09.17	DRAWING UPDATED	KM

FRASERS PROPERTY

INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION

NORTH

SHELL COVE - BOAT HARBOUR PRECINCT
PRECINCT E
STORMWATER MANAGEMENT CONCEPT PLAN

301015-03163-CI-DSK-7015

PLOT DATE & TIME: 8/9/2017 7:07:28 PM
SAVE DATE & TIME: 8/9/2017 7:05:39 PM
USER NAME: kannamanickam
CTB FILE: Worley-Full.ctb Plotter:None
LOCATION: W:_INFRASTRUCTURE\PROJECTS\301015\03163 AUSTRALAND - SHELL COVE DA ADVICE\12.0 DRAWINGS\SKETCHES\301015-03163-CI-DSK-7015.DWG

CUT FILL LEGEND

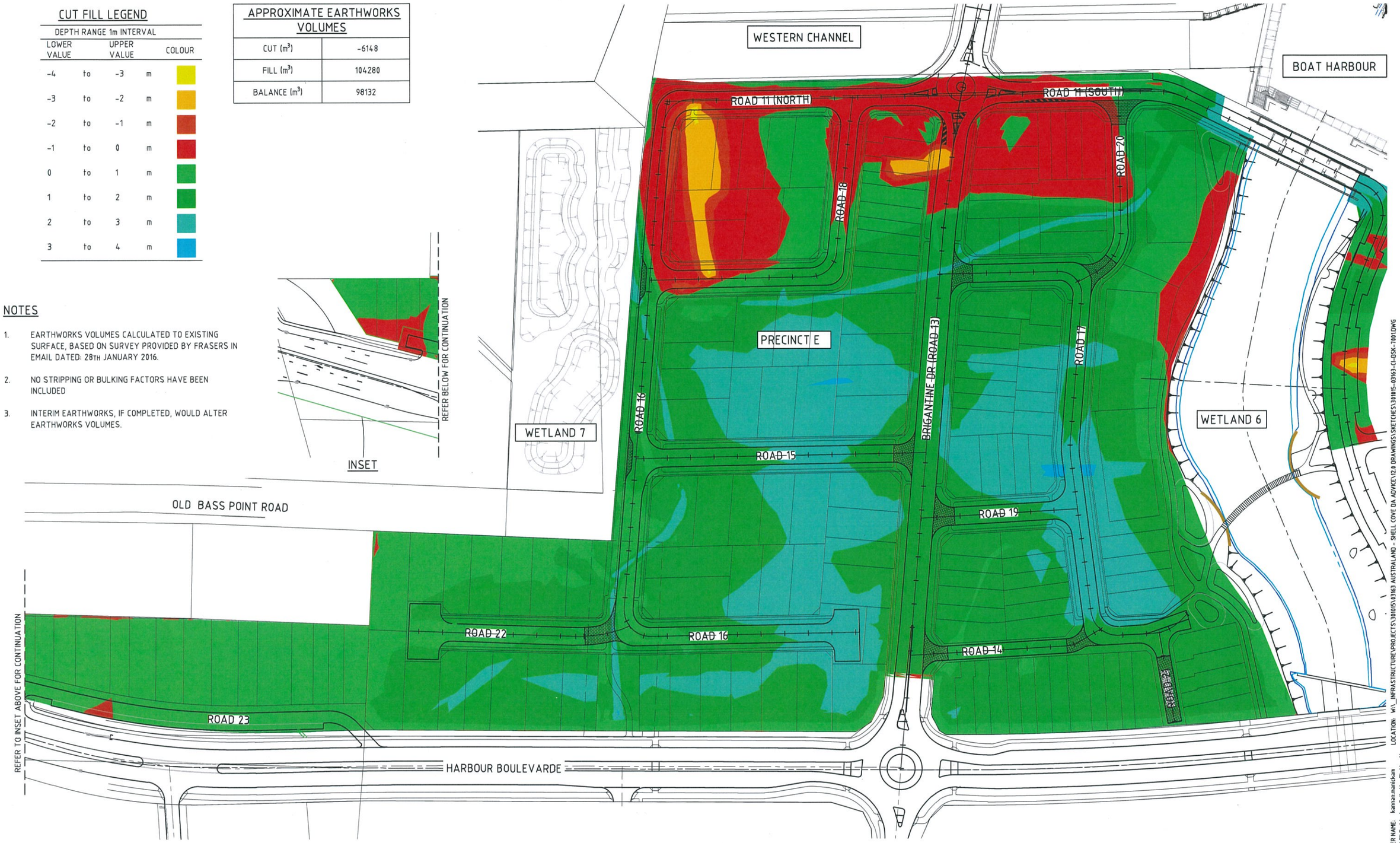
DEPTH RANGE 1m INTERVAL				
LOWER VALUE		UPPER VALUE		COLOUR
-4	to	-3	m	
-3	to	-2	m	
-2	to	-1	m	
-1	to	0	m	
0	to	1	m	
1	to	2	m	
2	to	3	m	
3	to	4	m	

APPROXIMATE EARTHWORKS VOLUMES

CUT (m^3)	-6148
FILL (m^3)	104280
BALANCE (m^3)	98132

NOTES

1. EARTHWORKS VOLUMES CALCULATED TO EXISTING SURFACE, BASED ON SURVEY PROVIDED BY FRASERS IN EMAIL DATED: 28TH JANUARY 2016.
2. NO STRIPPING OR BULKING FACTORS HAVE BEEN INCLUDED
3. INTERIM EARTHWORKS, IF COMPLETED, WOULD ALTER EARTHWORKS VOLUMES.



15 0 15 30 45 60 75m
1:750 (A1) 1:1500 (A3)

LOCATION: W:_INFRASTRUCTURE\PROJECTS\301015\03163 AUSTRALAND - SHELL COVE DA ADVICE\12.0 DRAWINGS\SKETCHES\301015-03163-CI-DSK-7001.DWG
USER NAME: kannan.manickam
CTB FILE: Worley-full.ctb PlotterNone
PLOT DATE & TIME: 7/9/2017 12:19:12 PM
SAVE DATE & TIME: 7/9/2017 12:18:56 PM

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ISSUE	DATE	ISSUE DESCRIPTION	DRAWN
E	05.09.17	CUT & FILL BULK EARTHWORKS UPDATED	KM
D	01.09.17	WETLAND 6 EXTENTS AND LOT BOUNDARY REVISED	KM
C	15.08.17	ROAD 16, 21 & 22 REVISED & KERB LINES UPDATED	KM
B	13.12.16	ISSUED FOR APPROVAL	EN
F	06.09.17	QUANTITY UPDATED	KM

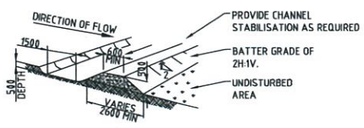
FRASERS PROPERTY

INFORMATION ONLY
NOT TO BE USED
FOR CONSTRUCTION

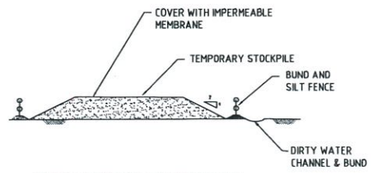
NORTH

SHELL COVE - BOAT HARBOUR PRECINCT
PRECINCT E
CUT & FILL BULK EARTHWORKS PLAN

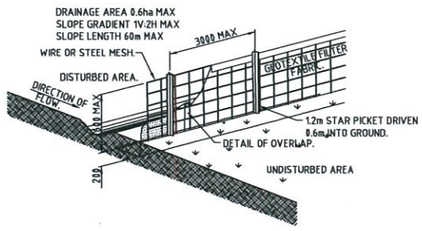
301015-03163-CI-DSK-7002



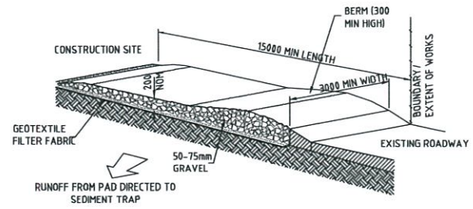
DIRTY WATER DIVERSION CHANNEL
NOT TO SCALE



TYPICAL TEMPORARY STOCKPILE
NOT TO SCALE

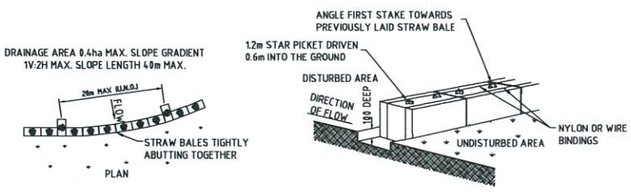


SEDIMENT FENCE
NOT TO SCALE



STABILISED SITE ACCESS
NOT TO SCALE

MAINTENANCE
THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY.
THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.
TEMPORARY SITE ACCESS IS TO INCORPORATE SHAKER PAD AND WASH DOWN.



STRAW BALE SEDIMENT FILTER
NOT TO SCALE

NOTES:

ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED IN ACCORDANCE WITH THE DEPARTMENT OF HOUSINGS "BLUE BOOK".

GEOFABRIC LINED SEDIMENT FENCE

1. FOR SEDIMENT FENCE, JOIN SECTIONS OF FABRIC AT A STAR PICKET WITH 150mm OVERLAP.
2. DRIVE 1.5m LONG STAR PICKETS INTO GROUND, 3m APART.
3. DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC
5. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANFACTURER.

TEMPORARY DIVERSION CHANNELS

1. DRAINS TO BE OF PARABOLIC OR TRAPEZOIDAL CROSS SECTION NOT V-SHAPED.
2. EARTH BANKS TO BE ADEQUATELY COMPACTED IN ORDER TO PREVENT FAILURE.
3. CONSTRUCTION IS OF A TEMPORARY NATURE AND SHALL BE REMOVED AT COMPLETION OF WORKS.
4. DIRECT DISCHARGE TO LEVEL SPREADER.
5. COMPACT WITH A SUITABLE IMPLEMENT IN SITUATIONS WHERE THEY ARE REQUIRED TO FUNCTION FOR MORE THAN FIVE DAYS.
6. EARTH BANKS TO BE FREE OF PROJECTIONS OR OTHER IRREGULARITIES THAT WILL IMPEDE NORMAL FLOW.
7. ALL OPEN DRAINS TO BE TURFED AS A MINIMUM. PROVIDE JUTE MESH LINING ON ANY DRAIN WITH A LONGITUDINAL GRADE EXCEEDING 5%.
8. DIRTY WATER DIVERSION CHANNEL (OR LIP ON THE TOP OF FILL BATTERS) DIRECTING FLOW INTO SEDIMENT BASIN. STRAW BALES TO BE PLACED AT 50m INTERVALS AS A MINIMUM TRANSVERSE PROTECTIVE DEVICE
9. FOR DIRTY WATER DIVERSION CHANNELS OF 0-2.5% PROVIDE TRANSVERSE STRAW BALE PROTECTION, FOR GRADES OF 2.5-20% PROVIDE GRADE STABILISING STRUCTURES AND FOR GRADE 20%+ PROVIDE ROCK CHECK DAMS.
10. A 'CLEAN' WATER DIVERSION CHANNEL SHALL BE PROVIDED ON THE HIGH SIDE OF THE WORKS. ALL FLOWS SHALL BE DIRECTED AROUND THE CONSTRUCTION SITE WITHOUT COMING IN CONTACT WITH DISTURBED GROUND.

DISTURBED AREAS

1. REVEGETATION MUST BE APPLIED TO DISTURBED AREAS AS SOON AS PRACTICAL AFTER COMPLETION OF EARTHWORKS AND MUST BE ESTABLISHED PRIOR TO RELEASE OF THE MAINTENANCE SECURITY.
2. VEGETATION SHALL BE RETAINED IN UNDISTURBED AREAS AND LOCATIONS OF CUT TO FILL TRANSITIONS.

SEDIMENT BASIN

1. TEMPORARY SEDIMENT POND WILL REQUIRE THE ADDITION OF GYPSUM TO PROMOTE FLOCULATION
2. GYPSUM IS TYPICALLY ADMINISTERED AT THE RATE OF 30kg/100m^3 OF STORED WATER. HOWEVER, GYPSUM SHOULD BE ADDED IN ACCORDANCE WITH MANUFACTURES REQUIREMENTS BUT AS A MINIMUM SHOULD BE APPLIED ONCE A MONTH & IMMEDIATELY FOLLOWING A RAINFALL EVENT.
3. THE CONTRACTOR SHALL MONITOR THE WATER QUALITY WITHIN THE SEDIMENT POND & SAMPLE & TEST FOR SUSPENDED SOLIDS AFTER THE FIRST TWO RAINFALL EVENTS TO CALIBRATE GYPSUM DOSING REQUIREMENTS.

15 0 15 30 45 60 75m
1:750 (A1) 1:1500 (A3)

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ISSUE	DATE	ISSUE DESCRIPTION	DRAWN
B	11.12.16	ISSUED FOR APPROVAL	EN
A	11.11.16	ISSUED FOR CLIENT REVIEW	EN

FRASERS PROPERTY

INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION

NORTH

SHELL COVE - BOAT HARBOUR PRECINCT
PRECINCT E
EROSION & SEDIMENT CONTROL DETAILS
301015-03163-CI-DSK-7017

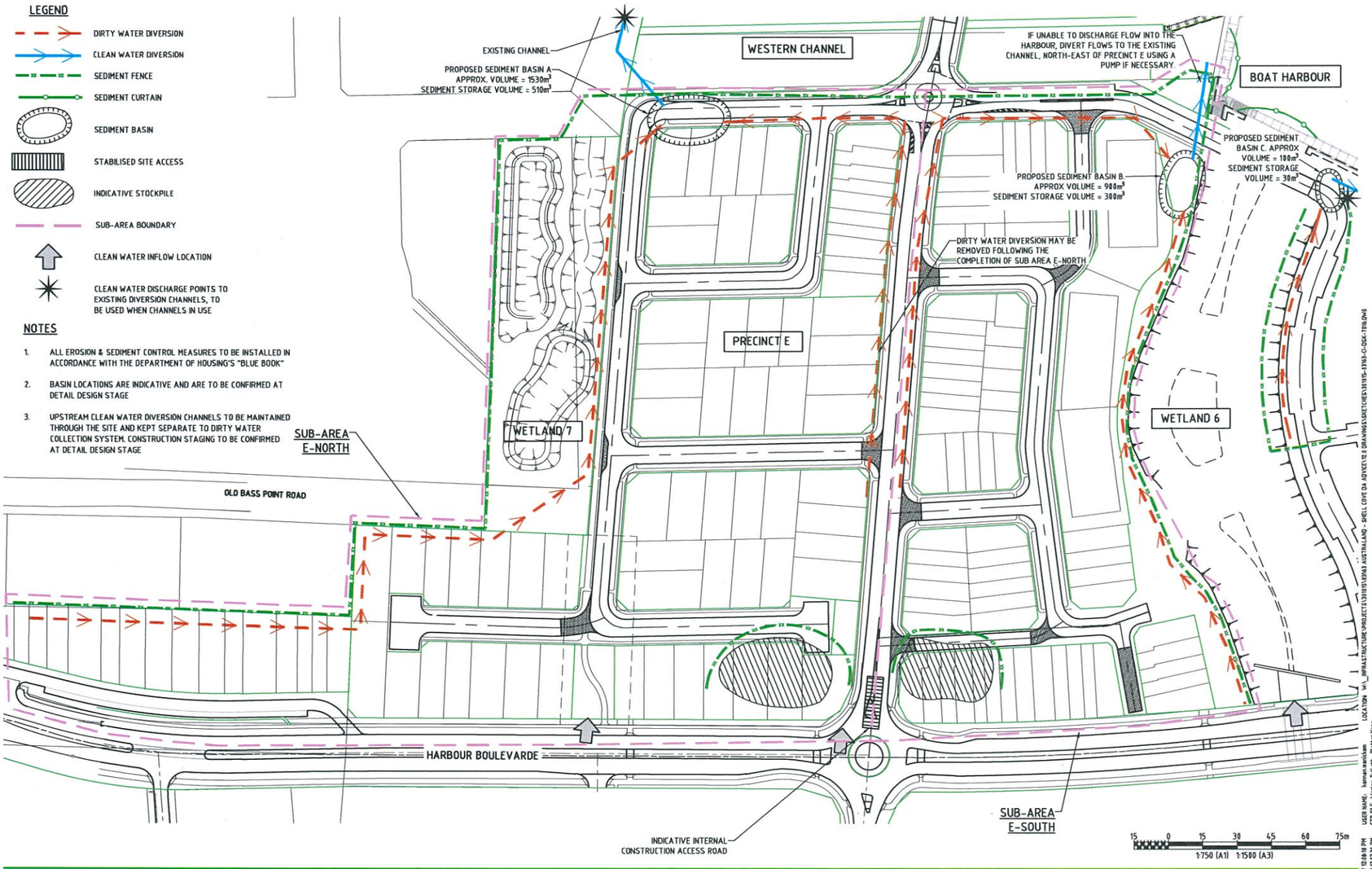
PLOT DATE & TIME: 1/9/2017 12:26:24 PM USER NAME: kennan.ravindum LOCATION: W:_INFRASTRUCTURE\PROJECTS\301015\03163 AUSTRALAND - SHELL COVE DA
SAVE DATE & TIME: 1/9/2017 12:27:36 PM CTB FILE: Worley-FullCTB Plotter Note

LEGEND

- DIRTY WATER DIVERSION
- CLEAN WATER DIVERSION
- SEDIMENT FENCE
- SEDIMENT CURTAIN
- SEDIMENT BASIN
- STABILISED SITE ACCESS
- INDICATIVE STOCKPILE
- SUB-AREA BOUNDARY
- CLEAN WATER INFLOW LOCATION
- CLEAN WATER DISCHARGE POINTS TO EXISTING DIVERSION CHANNELS, TO BE USED WHEN CHANNELS IN USE

NOTES

1. ALL EROSION & SEDIMENT CONTROL MEASURES TO BE INSTALLED IN ACCORDANCE WITH THE DEPARTMENT OF HOUSING'S "BLUE BOOK"
2. BASIN LOCATIONS ARE INDICATIVE AND ARE TO BE CONFIRMED AT DETAIL DESIGN STAGE
3. UPSTREAM CLEAN WATER DIVERSION CHANNELS TO BE MAINTAINED THROUGH THE SITE AND KEPT SEPARATE TO DIRTY WATER COLLECTION SYSTEM. CONSTRUCTION STAGING TO BE CONFIRMED AT DETAIL DESIGN STAGE



WorleyParsons resources & energy

OneWay to zero harm

ISSUE	DATE	ISSUE DESCRIPTION	DRAWN
E	01.09.17	LOT BOUNDARY UPDATED	KM
D	15.08.17	SEDIMENT FENCE & BOUNDARY UPDATED IN ROAD 11 & 16 BEND	KM
C	01.02.17	ISSUED FOR APPROVAL	EN
B	13.12.16	ISSUED FOR APPROVAL	VP
F	15.09.17	DRAWING UPDATED	KM

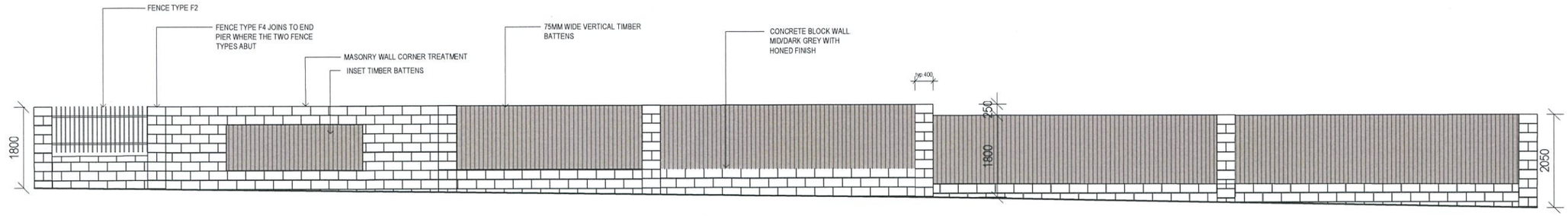
FRASERS PROPERTY

INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION

NORTH

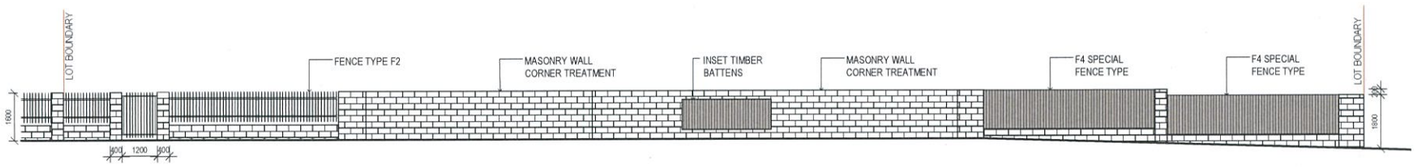
SHELL COVE - BOAT HARBOUR PRECINCT
PRECINCT E
EROSION & SEDIMENT CONTROL PLAN
301015-03163-CI-DSK-7016

PLOT DATE & TIME: 7/9/2017 12:18:18 PM
SAVE DATE & TIME: 7/9/2017 12:17:36 PM
USER NAME: kannanravidam
CTB FILE: Worley-Full.ctb Plotter:None
LOCATION: W:_INFRASTRUCTURE\PROJECTS\301015\8943 AUSTRALIA - SHELL COVE DA ADVICE\7.0 DRAWINGS\DETECHES\301015-03163-CI-DSK-7016.DWG

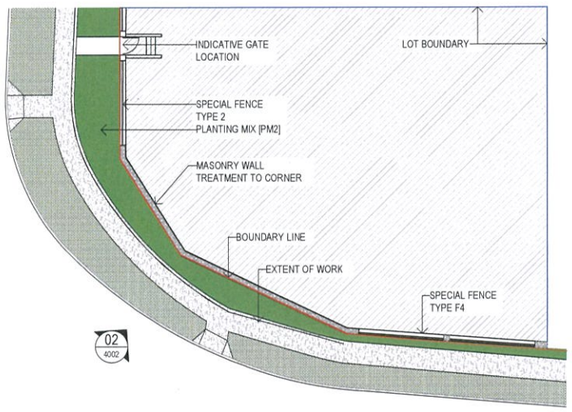


01 / 4002 PRECINCT E WALL AND FENCE TYPE F4 LONG SECTION - OLD BASS POINT ROAD FRONTAGE
SCALE 1:50

Refer condition # Point B of Development Consent.



02 / 4002 MASONRY WALL CORNER TREATMENT TO ENTRY - BRIGANTINE DRIVE
SCALE 1:100



03 / 4002 MASONRY WALL CORNER TREATMENT TO ENTRY DETAIL PLAN - BRIGANTINE DRIVE
SCALE 1:200

Amendments

Issue	Description	Date
A	ISSEUED FOR DA	01.03.2017
B	ISSUED FOR DA	07.03.2017
C	ISSUED FOR DA	08.03.2017

NOTE:
LANDSCAPE WORKS OUTSIDE THE EXTENT OF WORKS ARE INDICATIVE ONLY AND DO NOT FORM PART OF THE STAGE 1 DA SUBMISSION

Client

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Civil and Structual Engineer

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E email@hhconsult.com

FRASERS PROPERTY Shellharbour CITY COUNCIL

GROUP GSA

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architecture interior design urban design landscape
nom architect M. Sheldon 3999

Project Title

The Waterfront
Shell Cove

Drawing Title

PRICINCT E & WETLAND 6
LANDSCAPE - DA
BOUNDARY WALL DETAILS

Scale	1:50 @ A1
Drawing created (date)	28/02/2017
By	MG
Plotted and checked by	MG
Verified	SH
Approved	SH
Drawing No	Issue
13294 - EW-4002	C
File	Plot Date
P:\13294 Shell Cove	$DATE$

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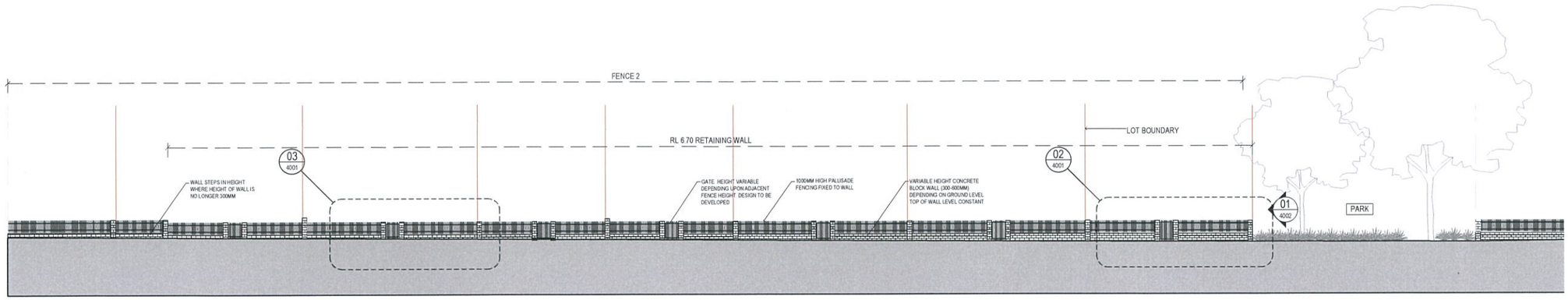
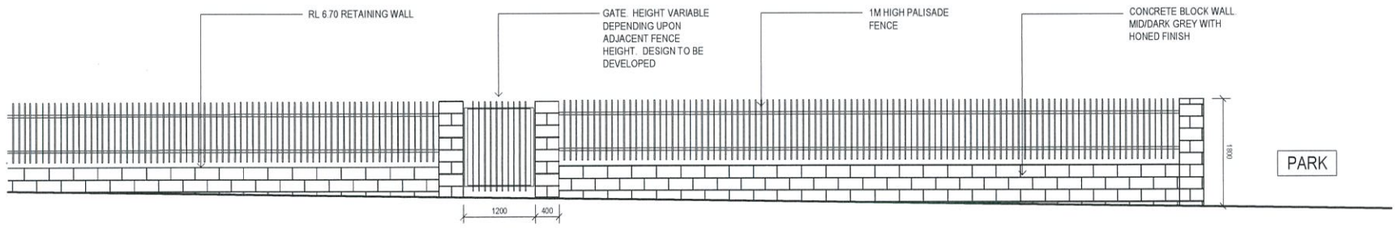
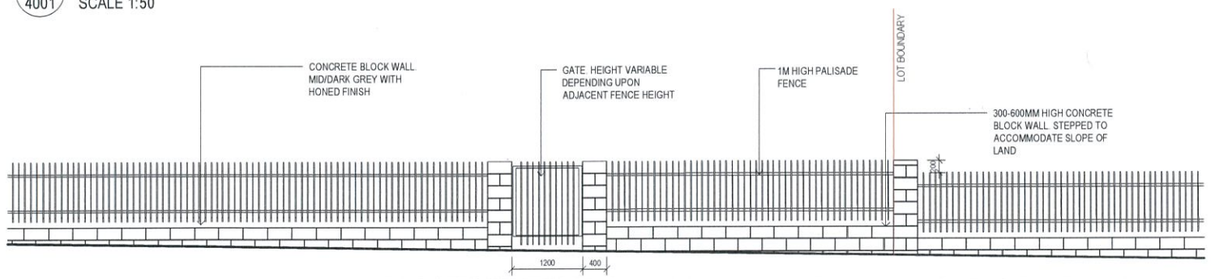
Do not scale drawings. Use figured Dimensions.



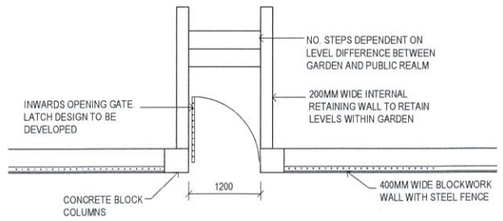
01 / 4001 PRECINCT E WALL AND FENCE LONG SECTION - HARBOUR BLVD FRONTAGE
SCALE 1:200



02 / 4001 FENCE TYPE F2 WITH RETAINING WALL TYPICAL SECTION
SCALE 1:50



03 / 4001 FENCE TYPE F2 WITH BLOCK WALL TYPICAL SECTION
SCALE 1:50



04 / 4001 TYPICAL FENCE TYPE F2 GATE PLAN
SCALE 1:50

Amendments

Issue	Description	Date
A	ISSUED FOR DA	01.03.2017
B	ISSUED FOR DA	07.03.2017
C	ISSUED FOR DA	08.03.2017

NOTE:
LANDSCAPE WORKS OUTSIDE THE EXTENT OF WORKS ARE INDICATIVE ONLY AND DO NOT FORM PART OF THE STAGE 1 DA SUBMISSION

Client
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architecture interior design urban design landscape
nom architect M. Sheldon 3990

Project Title
The Waterfront
Shell Cove

Drawing Title
PRECINCT E & WETLAND 6
LANDSCAPE - DA
BOUNDARY WALL DETAILS

Scale	1:200 @A1
Drawing created (date)	28/02/2017
By	MG
Plotted and checked by	FZ
Verified	SH
Approved	SH
Drawing No	Issue
13294 - EW-4001	C
File	Plot Date
P:\13294 Shell Cove	$DATE$

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Do not scale drawings. Use figured Dimensions.

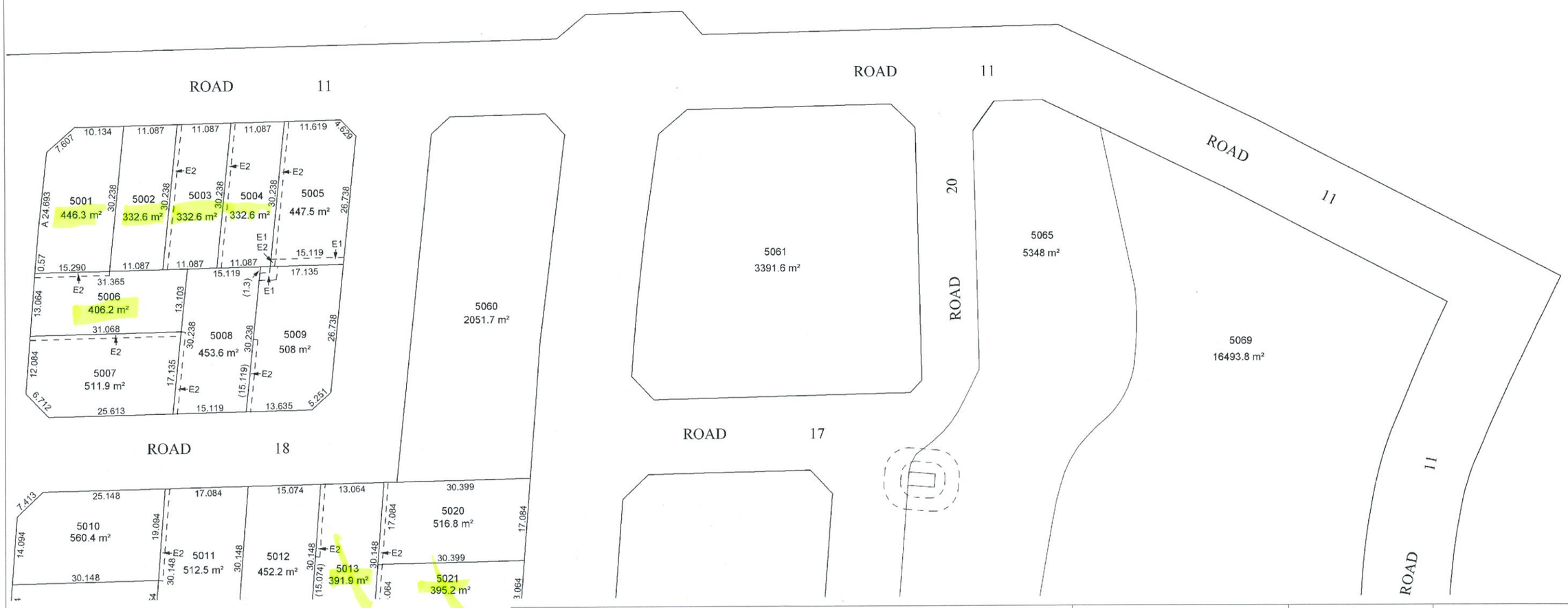
5073
57.105Ha

E1 EASEMENT FOR DRAINAGE OF WATER 1.5 WIDE
E2 EASEMENT FOR REPAIRS 0.9 WIDE
E3 EASEMENT FOR PADMOUT SUBSTATION VAR. WIDTH
E4 RESTRICTION ON THE USE OF LAND VAR WIDTH
E5 RESTRICTION ON THE USE OF LAND VAR WIDTH
E6 RESTRICTION ON THE USE OF LAND VAR WIDTH

NOTE

ALL AREAS ARE APPROXIMATE

DRAFT PLAN, ALL BOUNDARIES AND DIMENSIONS ARE SUBJECT TO FINAL SURVEY



Surveyor :
Date of Survey :
Surveyor's Ref : D216137

PLAN OF SUBDIVISION OF LOTS 4008 & 4009 IN DP 1219051 AND LOT 2056 IN DP 1203745 AND LOT 74 IN DP 229374

LGA: SHELLHARBOUR
Locality : SHELL COVE
Subdivision No:
Lengths are in metres. Reduction Ratio 1:600

Registered

DP

Received 12 Sept 2017

00 10 20 30 40 50 Table of mm 90 100 110 120 130 140

E1 EASEMENT FOR DRAINAGE OF WATER 1.5 WIDE
E2 EASEMENT FOR REPAIRS 0.9 WIDE
E3 EASEMENT FOR PADMOUT SUBSTATION VAR. WIDTH
E4 RESTRICTION ON THE USE OF LAND VAR WIDTH
E5 RESTRICTION ON THE USE OF LAND VAR WIDTH
E6 RESTRICTION ON THE USE OF LAND VAR WIDTH

NOTE

ALL AREAS ARE APPROXIMATE

DRAFT PLAN, ALL BOUNDARIES AND DIMENSIONS ARE SUBJECT TO FINAL SURVEY

Surveyor :
Date of Survey :
Surveyor's Ref : D216137

PLAN OF SUBDIVISION OF LOTS 4008 & 4009 IN DP 1219051 AND LOT 2056 IN DP 1203745 AND LOT 74 IN DP 229374

LGA: SHELLHARBOUR
Locality : SHELL COVE
Subdivision No:
Lengths are in metres. Reduction Ratio 1:600

Registered

DP

Received 12 Sept 2017

Table of mm

NOTE

ALL AREAS ARE APPROXIMATE

DRAFT PLAN, ALL BOUNDARIES AND DIMENSIONS ARE SUBJECT TO FINAL SURVEY

E1 EASEMENT FOR DRAINAGE OF WATER 1.5 WIDE
E2 EASEMENT FOR REPAIRS 0.9 WIDE
E3 EASEMENT FOR PADMOUT SUBSTATION VAR. WIDTH
E4 RESTRICTION ON THE USE OF LAND VAR WIDTH
E5 RESTRICTION ON THE USE OF LAND VAR WIDTH
E6 RESTRICTION ON THE USE OF LAND VAR WIDTH

Surveyor : Date of Survey : Surveyor's Ref : D216137	PLAN OF SUBDIVISION OF LOTS 4008 & 4009 IN DP 1219051 AND LOT 2056 IN DP 1203745 AND LOT 74 IN DP 229374	LGA: SHELLHARBOUR Locality : SHELL COVE Subdivision No: Lengths are in metres. Reduction Ratio 1:600	Registered	DP Received 12 Sept 2017

00 10 20 30 40 50 Table of mm 90 100 110 120 130 140

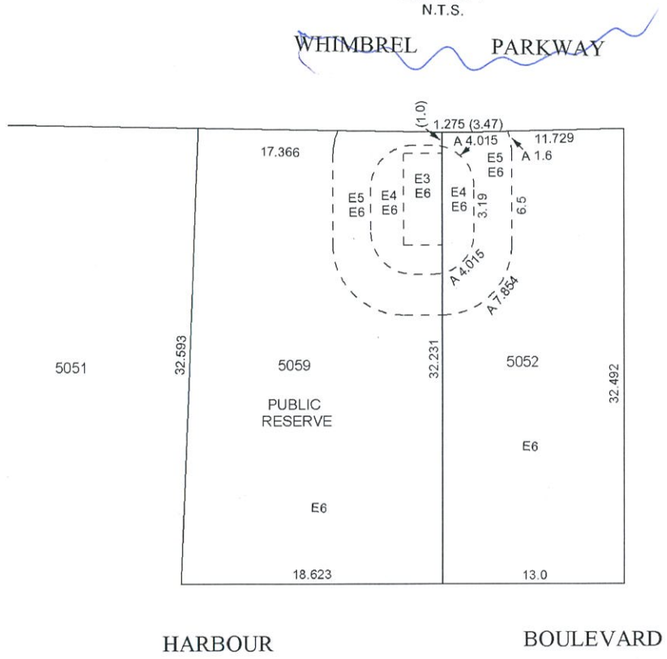
NOTE

ALL AREAS ARE APPROXIMATE

DRAFT PLAN, ALL BOUNDARIES AND DIMENSIONS ARE SUBJECT TO FINAL SURVEY

E1 EASEMENT FOR DRAINAGE OF WATER 1.5 WIDE
E2 EASEMENT FOR REPAIRS 0.9 WIDE
E3 EASEMENT FOR PADMOUT SUBSTATION VAR. WIDTH
E4 RESTRICTION ON THE USE OF LAND VAR WIDTH
E5 RESTRICTION ON THE USE OF LAND VAR WIDTH
E6 RESTRICTION ON THE USE OF LAND VAR WIDTH

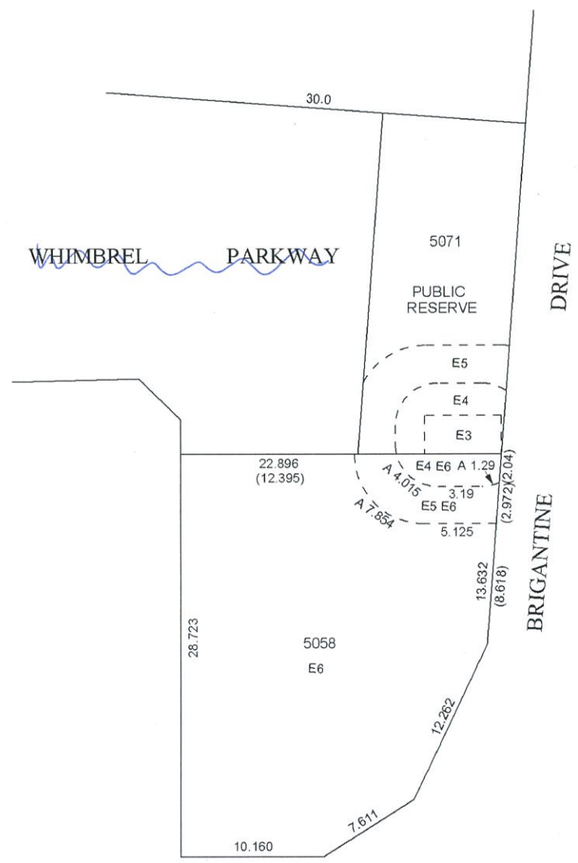
DIAGRAM 1
N.T.S.



NOTE

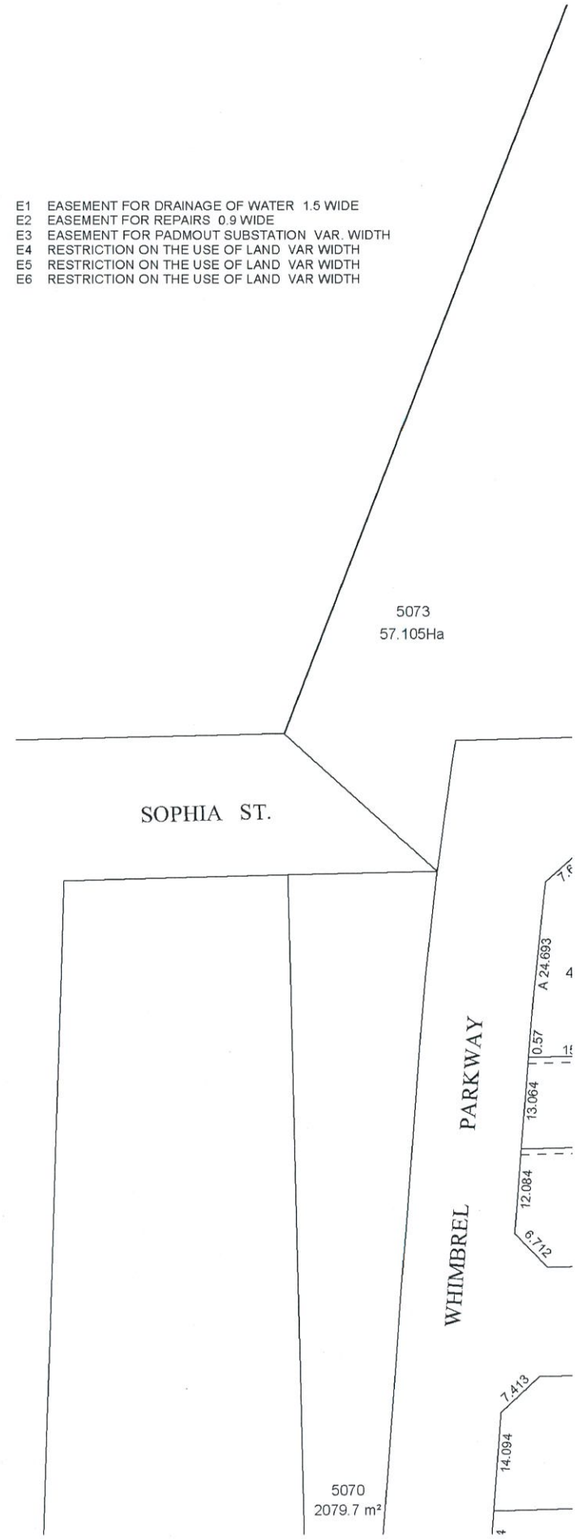
FINAL LOCATION OF EASEMENT E3 AND RESTRICTIONS E4 AND E5 WILL BE SUBJECT TO CONSTRUCTION AND FINAL SURVEY OF AS CONSTRUCTED SUBSTATION AND MAY CHANGE.

DIAGRAM 2
N.T.S



NOTE

FINAL LOCATION OF EASEMENT E3 AND RESTRICTIONS E4 AND E5 WILL BE SUBJECT TO CONSTRUCTION AND FINAL SURVEY OF AS CONSTRUCTED SUBSTATION AND MAY CHANGE.



Surveyor : Date of Survey : Surveyor's Ref : D216137	PLAN OF SUBDIVISION OF LOTS 4008 & 4009 IN DP 1219051 AND LOT 2056 IN DP 1203745 AND LOT 74 IN DP 229374	LGA: SHELLHARBOUR Locality : SHELL COVE Subdivision No: Lengths are in metres. Reduction Ratio 1:600	Registered	DP Received 12 Sept. 2017

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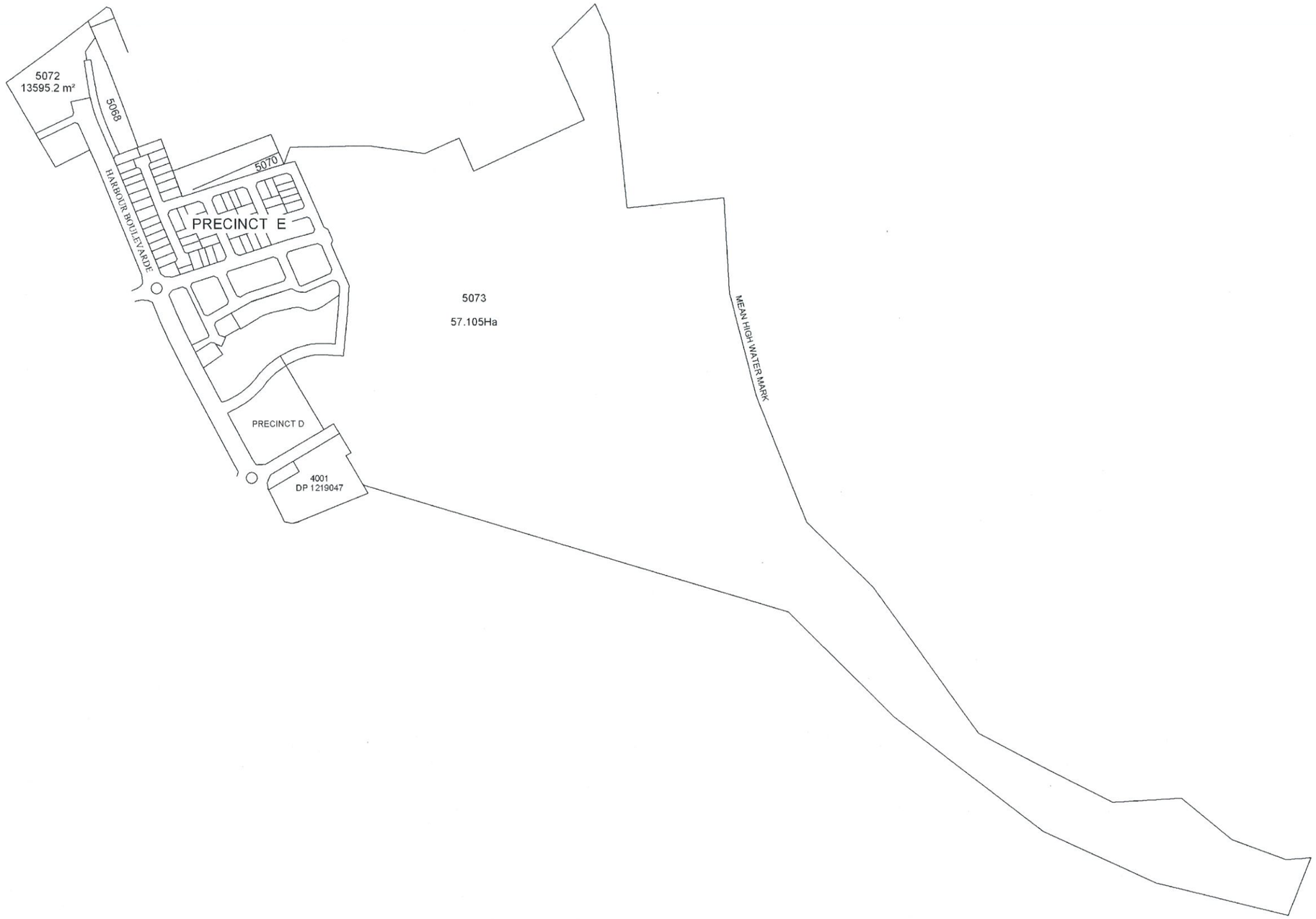
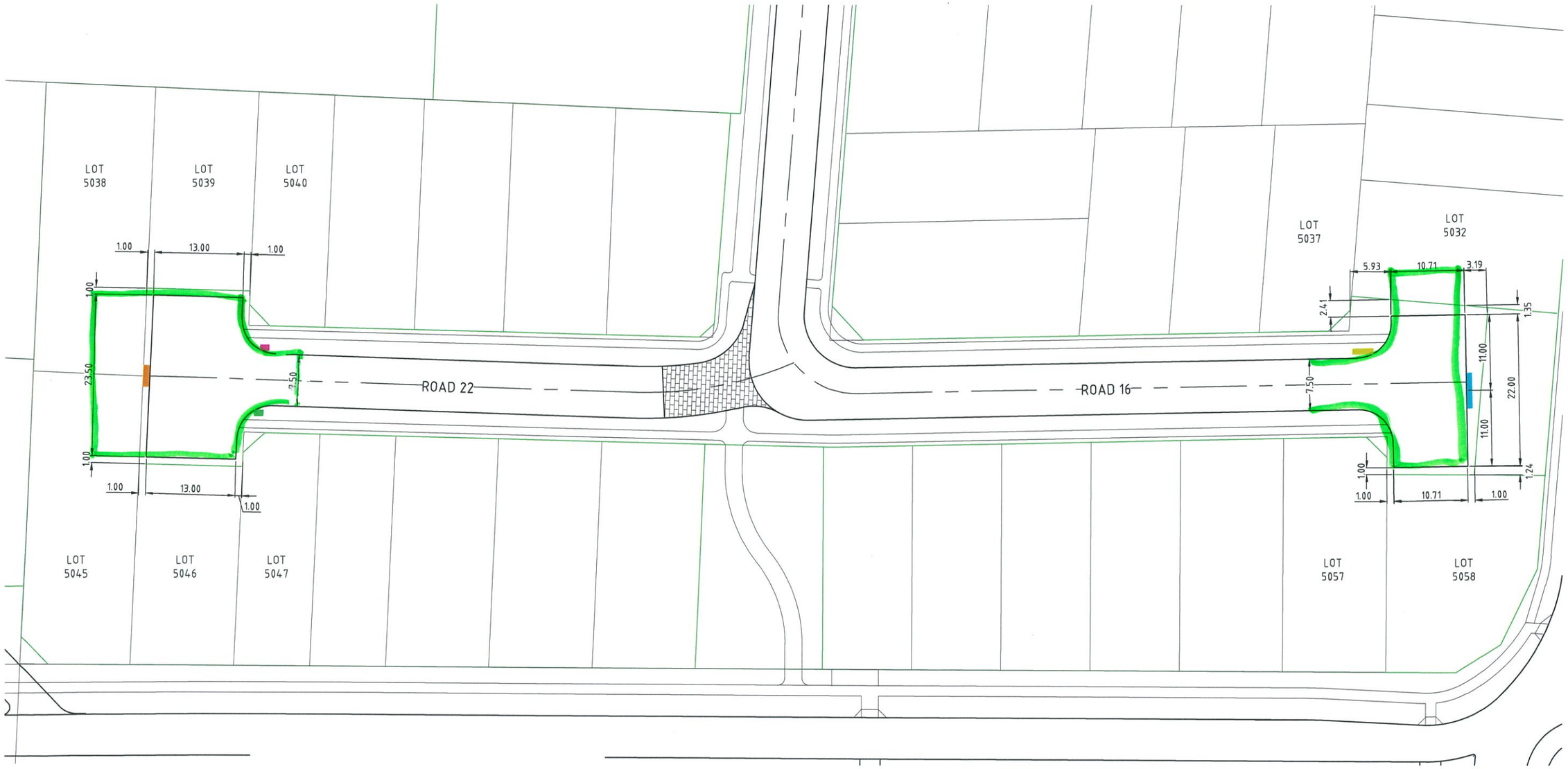


Surveyor : Date of Survey : Surveyor's Ref :	PLAN OF SUBDIVISION OF LOTS 4008 & 4009 IN DP 1219051 AND LOT 2056 IN DP 1203745 AND LOT 74 IN DP 229374 D 216137.	LGA: Locality : Subdivision No: Lengths are in metres. Reduction Ratio 1:5000	Registered	DP Received 01.12.2017

00 10 20 30 40 50 Table of mm 90 100 110 120 130 140



LEGEND:

- DESIGNATED BIN COLLECTION LOCATION FOR ROAD 22 T-HEAD (LOTS 5038 AND 5045)
- DESIGNATED BIN COLLECTION LOCATION FOR ROAD 22 T-HEAD (LOTS 5039)
- DESIGNATED BIN COLLECTION LOCATION FOR ROAD 22 T-HEAD (LOTS 5046)
- ~~DESIGNATED BIN COLLECTION LOCATION FOR ROAD 16 T-HEAD PREFERENCE 1 (LOTS 5032 AND 5058)~~
- DESIGNATED BIN COLLECTION LOCATION FOR ROAD 16 T-HEAD PREFERENCE 2 (LOTS 5032 AND 5058)
- No parking signage & line marking

6 0 10 20 30m

1:300 (A1) 1:600 (A3)

WorleyParsons
resources & energy

OneWay to zero harm

ISSUE	DATE	ISSUE DESCRIPTION	DRAWN
A	[illegible]	ISSUED FOR CLIENT REVIEW	KM

FRASERS PROPERTY

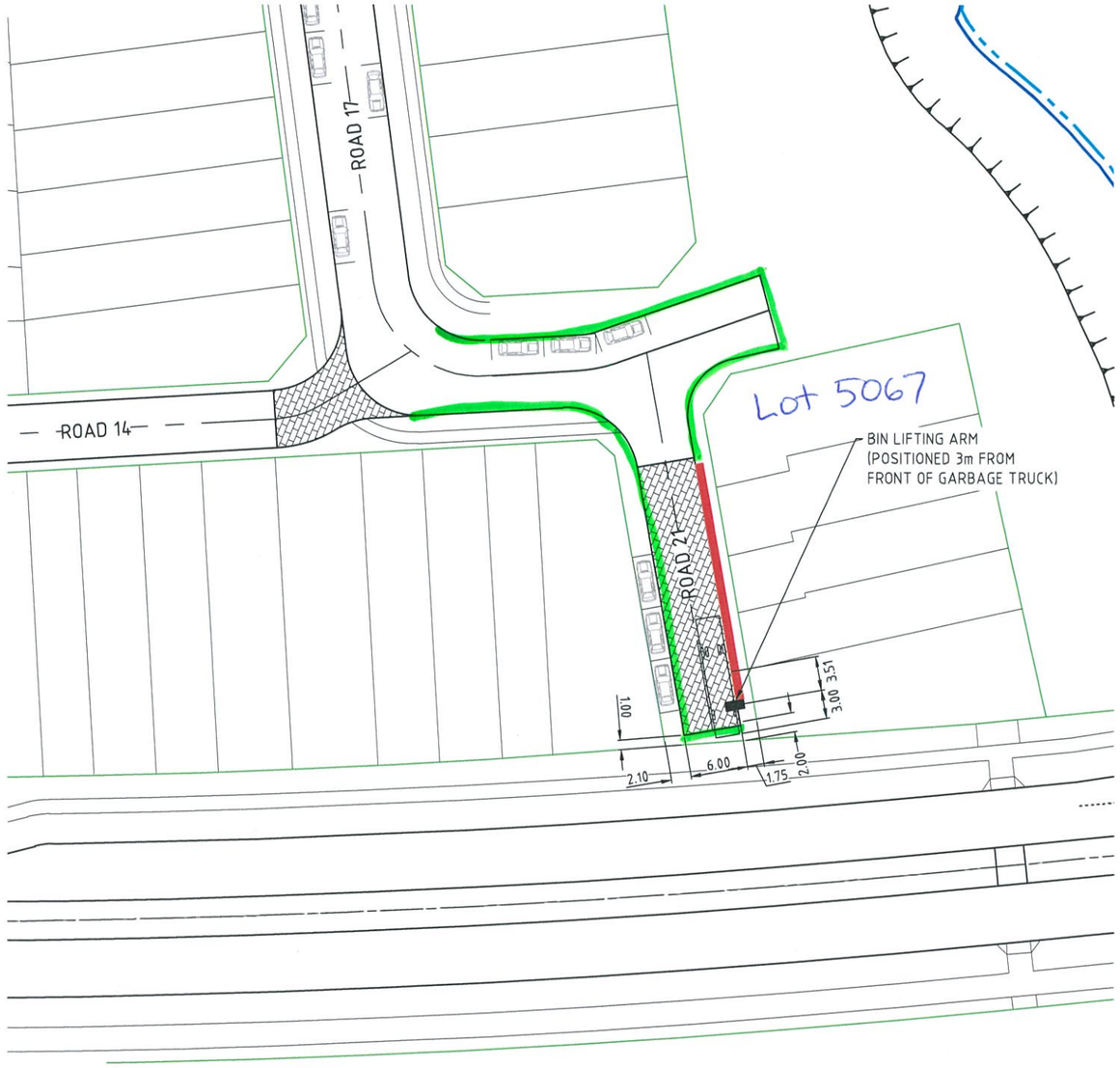
INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION

NORTH

SHELL COVE - BOAT HARBOUR PRECINCT E
GARBAGE BIN COLLECTION LOCATIONS
ROAD 22 & 16

301015-03163-CI-DSK-7600

PLOT DATE & TIME: 28/8/2017 12:33:22 PM USER NAME: kannan.manickam LOCATION: W:_INFRASTRUCTURE\PROJECTS\301015\03163 AUSTRALAND - SHELL COVE DA ADVICE\12.0 DRAWINGS\SKETCHES\301015-03163-CI-DSK-7600.DWG
SAVE DATE & TIME: 28/8/2017 12:28:53 PM CTB FILE: Worley-full.ctb Plotter:None



LEGEND:

DESIGNATED BIN COLLECTION LOCATIONS FOR ROAD 21

No parking signage & line marking

6 0 10 20 30m

1:300 (A1) 1:600 (A3)

WorleyParsons
resources & energy

OneWay
to zero harm

ISSUE	DATE	ISSUE DESCRIPTION	DRAWN
D	28.08.17	LOT BOUNDARY, ROAD AND DIMENSIONS UPDATED	KM
C	21.08.17	VEHICLE BIN LIFTING ARM LOCATION ADDED	KM
B	17.08.17	VEHICLE TEMPLATE ADDED	KM
A	15.08.17	ISSUED FOR CLIENT REVIEW	KM

FRASERS PROPERTY

INFORMATION ONLY
NOT TO BE USED
FOR CONSTRUCTION

NORTH

SHELL COVE - BOAT HARBOUR PRECINCT E
GARBAGE BIN COLLECTION LOCATIONS
ROAD 21

301015-03163-CI-DSK-7601

PLOT DATE & TIME: 28/8/2017 12:33:26 PM USER NAME: kannan.manickam LOCATION: W:_INFRASTRUCTUREYPROJECTS\301015\03163 AUSTRALAND - SHELL COVE DA ADVICE\12.0 DRAWINGS\SKETCHES\301015-03163-CI-DSK-7601.DWG
SAVE DATE & TIME: 28/8/2017 12:28:53 PM CTB FILE: Worley-full.ctb Plotter:None