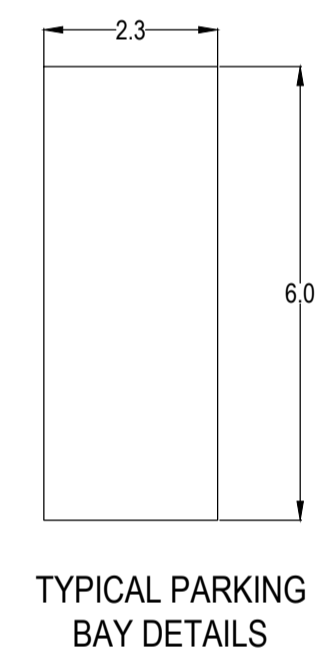


LEGEND - FUNCTIONAL LAYOUT PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

| | |
|--|---|
| | STORMWATER DRAIN, PIT & PROPERTY INLET |
| | SWALE DRAIN |
| | SEWER & MAINTENANCE STRUCTURES |
| | HOUSE DRAIN |
| | ELECTRICITY (U/GROUND) |
| | ELECTRICITY (O/HEAD) |
| | GAS |
| | TELSTRA |
| | OPTIC FIBRE |
| | WATER |
| | RECYCLED WATER |
| | AG. DRAIN |
| | SERVICE CONDUITS |
| | TACTILE PAVERS |
| | EXISTING STORMWATER DRAIN |
| | EXISTING SWALE DRAIN |
| | EXISTING SEWER & MAINTENANCE STRUCTURES |
| | EXISTING HOUSE DRAIN |
| | EXISTING ELECTRICITY (UNDER GROUND) |
| | EXISTING ELECTRICITY OVERHEAD |
| | EXISTING GAS |
| | EXISTING TELSTRA |
| | EXISTING OPTIC FIBRE |
| | EXISTING WATER |
| | EXISTING RECYCLED WATER |
| | EXISTING AG. DRAIN |
| | EXISTING SERVICE CONDUITS |
| | EXISTING TACTILE PAVERS |
| | FUTURE STORMWATER DRAIN |
| | FUTURE SWALE DRAIN |
| | FUTURE SEWER & MAINTENANCE STRUCTURES |
| | FUTURE HOUSE DRAIN |
| | FUTURE ELECTRICITY (UNDER GROUND) |
| | FUTURE ELECTRICITY OVERHEAD |
| | FUTURE GAS |
| | FUTURE TELSTRA |
| | FUTURE OPTIC FIBRE |
| | FUTURE WATER |
| | FUTURE RECYCLED WATER |
| | FUTURE AG. DRAIN |
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| | FUTURE TACTILE PAVERS |
| | ZERO LOT LINES |
| | EXISTING SURFACE LEVEL |
| | FINISHED BUILDING LINE LEVEL |
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| | CHAINAGE |
| | STRUCTURAL FILL > 200mm DEEP |
| | EXISTING STRUCTURAL FILL > 200mm DEEP |
| | CUT > 200mm DEEP |
| | DIRECTION OF FALL |
| | OVERLAND FLOW |
| | GRADED IN DIRECTION OF FALL TO LEVEL INDICATED |
| | EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER |
| | EXISTING TREE TO BE RETAINED |
| | EXISTING TREE TO BE REMOVED |
| | PERMANENT SURVEY MARK |
| | TEMPORARY BENCH MARK |
| | PROPOSED DRIVEWAY & FOOTPATH |
| | PROPOSED INDUSTRIAL DRIVEWAY |
| | PROPOSED SHARED FOOTPATH |
| | PROPOSED ROAD PAVING |
| | EXISTING ROAD PAVING |

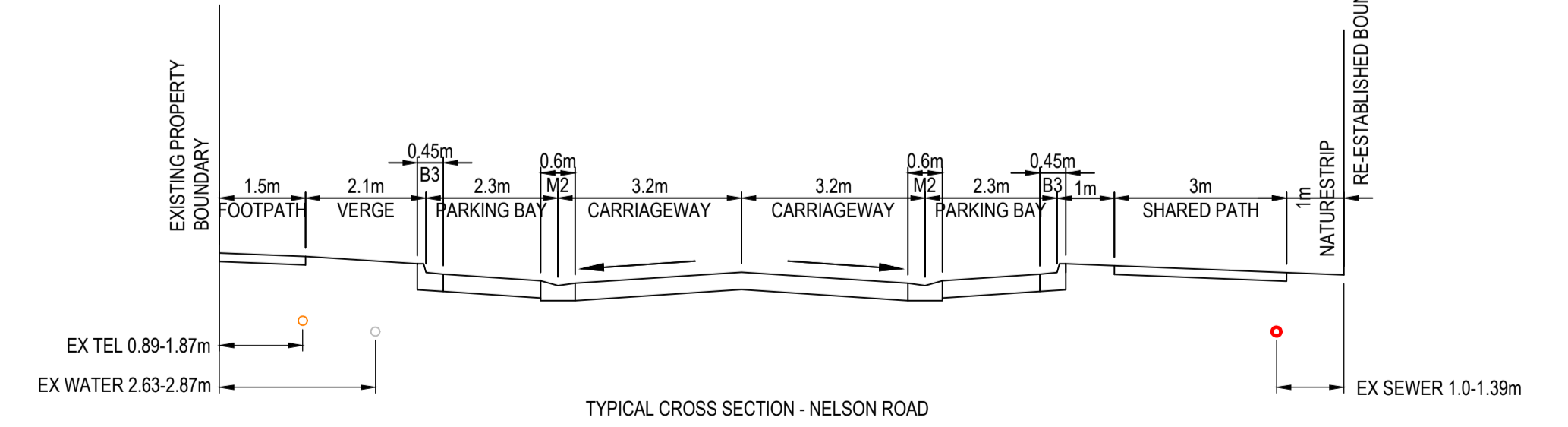


ROAD LAYOUT TABLE

| ROAD NAME | ROAD RESERVE WIDTH (m) | ROAD WIDTH (m) | | PARKING BAY (m) | | | KERB TYPE | VERGE WIDTH (m) | | |
|---------------|------------------------|----------------|------------|-----------------|------------|------------|-----------|-----------------|----------|----------|
| | | LIP TO LIP | INV TO INV | LIP TO LIP | INV TO INV | BOK TO BOK | | NTH/STH | NTH/WEST | STH/EAST |
| NELSON STREET | 20.20 | 6.40 | 7.00 | 11.00 | 11.60 | 11.90 | B2/B3/M2 | 1.00 | 2.10 | |

CROSSOVER LOCATION TABLE

| EX LOT NUMBER | WIDTH |
|----------------|-------|
| 21 | 4.0m |
| 27,31,33 | 3.3m |
| 25,27 (SHARED) | 7.2 |



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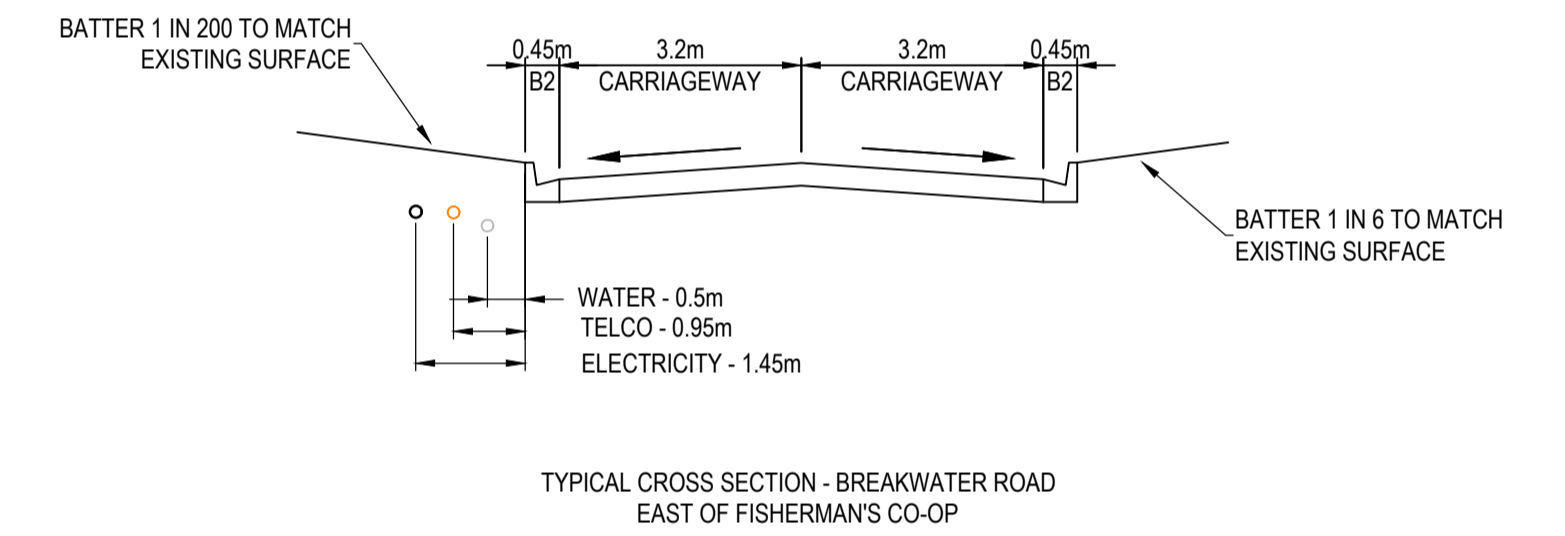
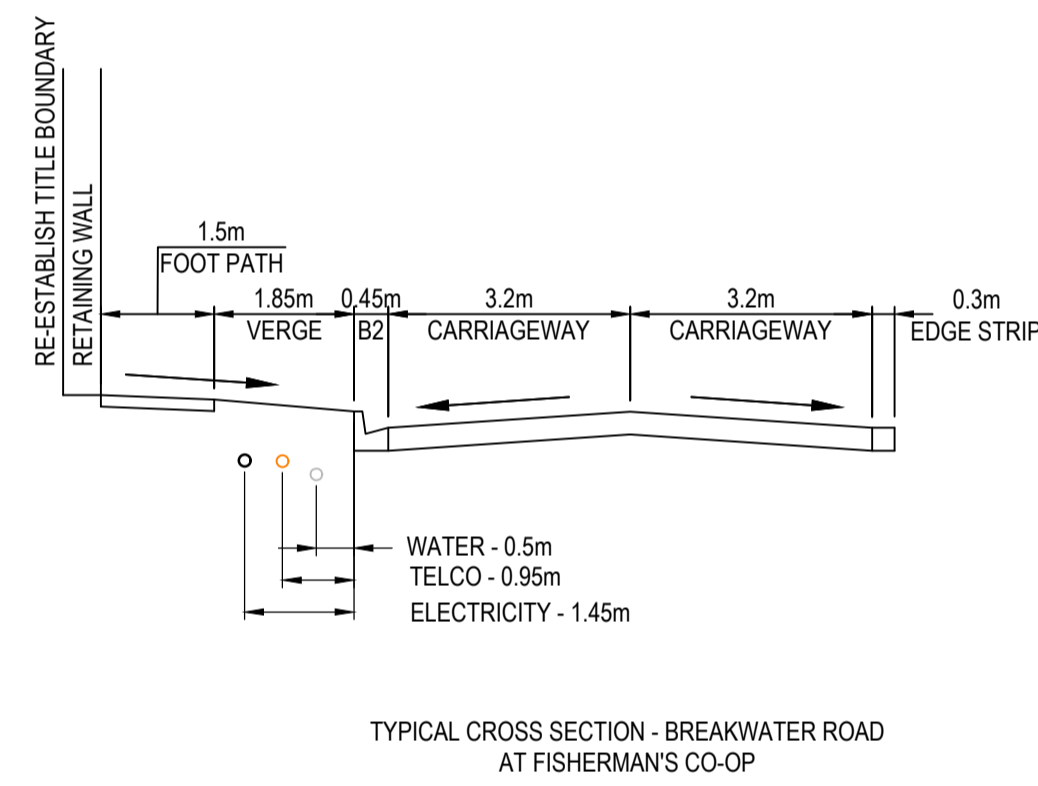
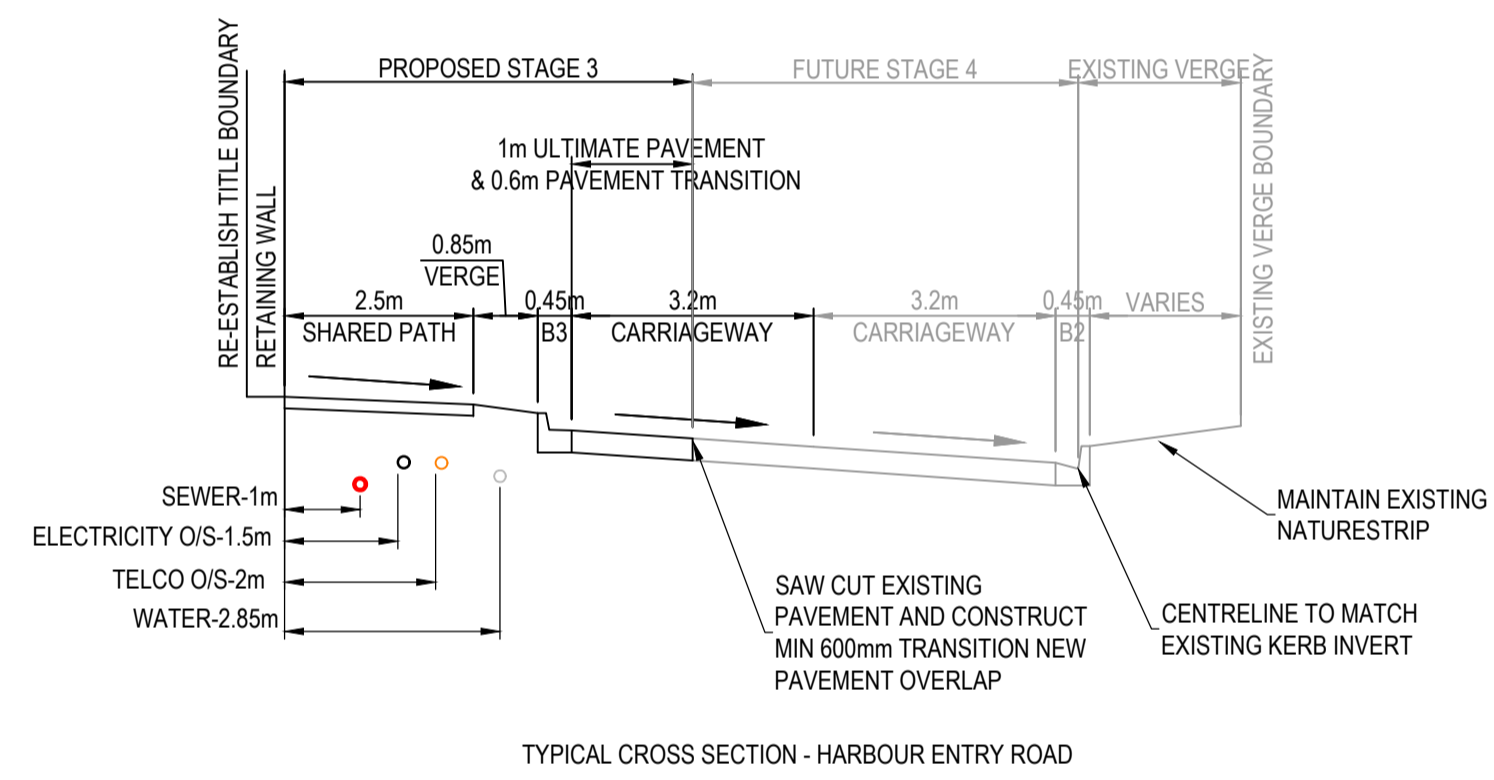
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3119E-001-001-2 Option 2 Layout Plan - 1

| | | | | | | | | | | | | | | | |
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| REV | DATE | AMENDMENT / REVISION DESCRIPTION | DRAFTER | DESIGNER | CHECKER | APPROVER | | PLAN OF SUB NO. | | <p>Member of the Surlana Jurong Group ABN 47 065 475 149 East 5, Federal Mills - 33 Mackey Street North Geelong, VIC 3215 Ph 03 5228 3100</p> | | Apollo Bay Harbour Redevelopment - Stage 1 Colac Otway Shire Council Functional Design Option 2 Layout Plan -1 | | | |
| A | 17.08.21 | ISSUED TO COUNCIL FOR APPROVAL | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT | | PERMIT REF NO. | | | | MELWAYS REF | PROJECT / DRAWING No | SHEET No | REVISION |
| B | 23.08.21 | INITIAL COUNCIL COMMENTS | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT | | | | | | 3119E-001-001-2 | 01 of 01 | C | |

DWG PATH: V:\Vault\Projects_Urban\ENG\3119E-ABH Redevelopment\3119E-001-Nelson Street Upgrade\3119E-001-001-2.dwg PRINTED BY: PH15885 on 27/10/2021 at 04:57:11 PM

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STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



| REV | DATE | AMENDMENT / REVISION DESCRIPTION | DRAFTER | DESIGNER | CHECKER | APPROVER |
|-----|----------|--|----------|----------|----------|------------|
| A | 28.08.21 | ISSUED TO COUNCIL FOR APPROVAL | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |
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Quality Management ISO 9001
 OHS Management AS/NZS 4801
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SCALE AS SHOWN AT A1

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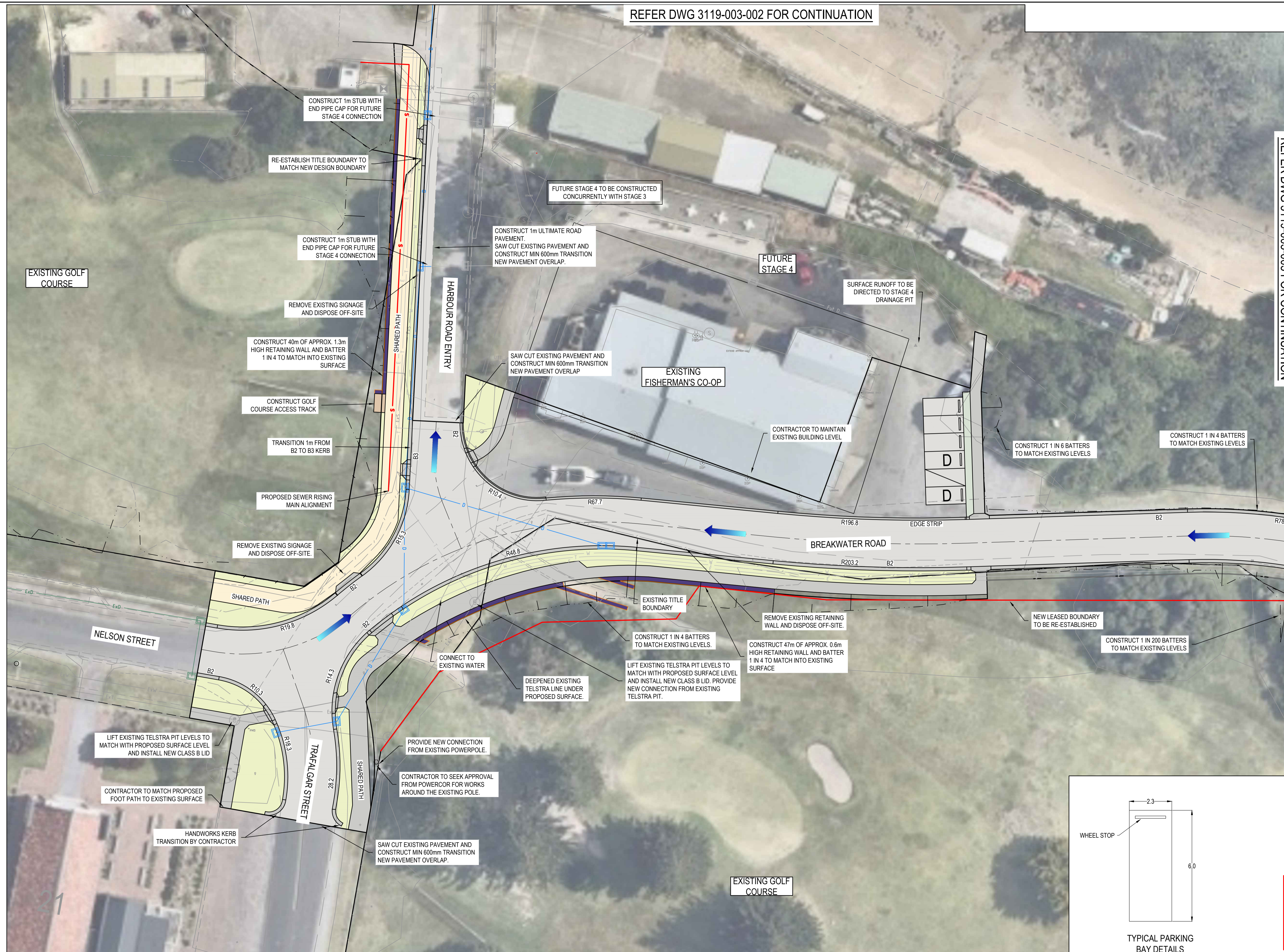
Australian Government
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Apollo Bay Harbour Redevelopment - Project 3
 Colac Otway Shire Council
 Concept Design
 Typical Cross Sections

MELWAYS REF PROJECT / DRAWING No. SHEET No. REVISION
 3119E-003-021 04 of 04 B

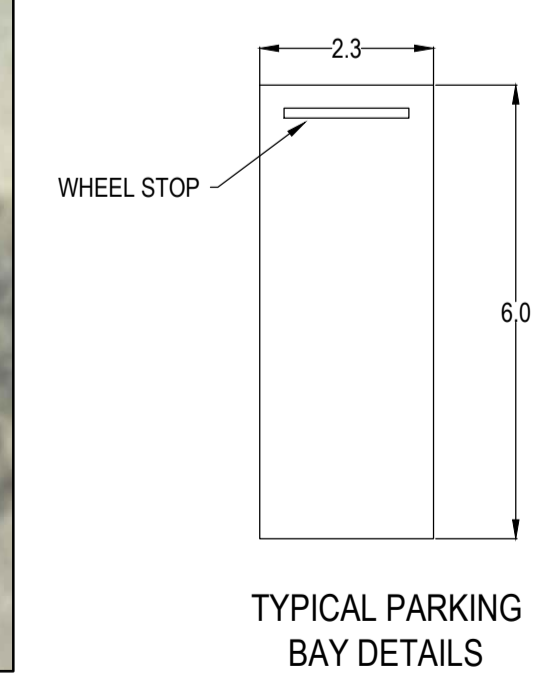
REFER DWG 3119-003-002 FOR CONTINUATION

REFER DWG 3119-003-003 FOR CONTINUATION



LEGEND - FUNCTIONAL LAYOUT PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

| | |
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| | SWALE DRAIN |
| | SEWER & MAINTENANCE STRUCTURES |
| | HOUSE DRAIN |
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| | ELECTRICITY (O.HEAD) |
| | GAS |
| | TELSTRA |
| | OPTIC FIBRE |
| | WATER |
| | RECYCLE WATER |
| | AG. DRAIN |
| | SERVICE CONDUITS |
| | TACTILE PAVERS |
| | EXISTING STORMWATER DRAIN |
| | EXISTING SWALE DRAIN |
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| | EXISTING HOUSE DRAIN |
| | EXISTING ELECTRICITY (UNDER GROUND) |
| | EXISTING ELECTRICITY OVERHEAD |
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| | EXISTING TELSTRA |
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| | PROPOSED INDUSTRIAL DRIVEWAY |
| | PROPOSED SHARED FOOTPATH |
| | PROPOSED ROAD PAVING |
| | EXISTING ROAD PAVING |



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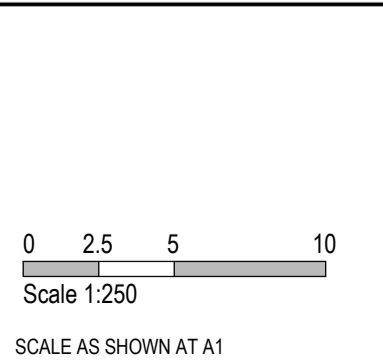
| | |
|---------------|------------------------|
| 3119E-003-001 | Layout Plan - 1 |
| 3119E-003-002 | Layout Plan - 2 |
| 3119E-003-003 | Layout Plan - 3 |
| 3119E-003-021 | Typical Cross Sections |

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| B | 27.10.21 | MINOR AMENDMENTS AS PER RSA AND COUNCIL COMMENTS | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |

PLAN OF SUB. NO. _____
PERMIT REF. NO. _____

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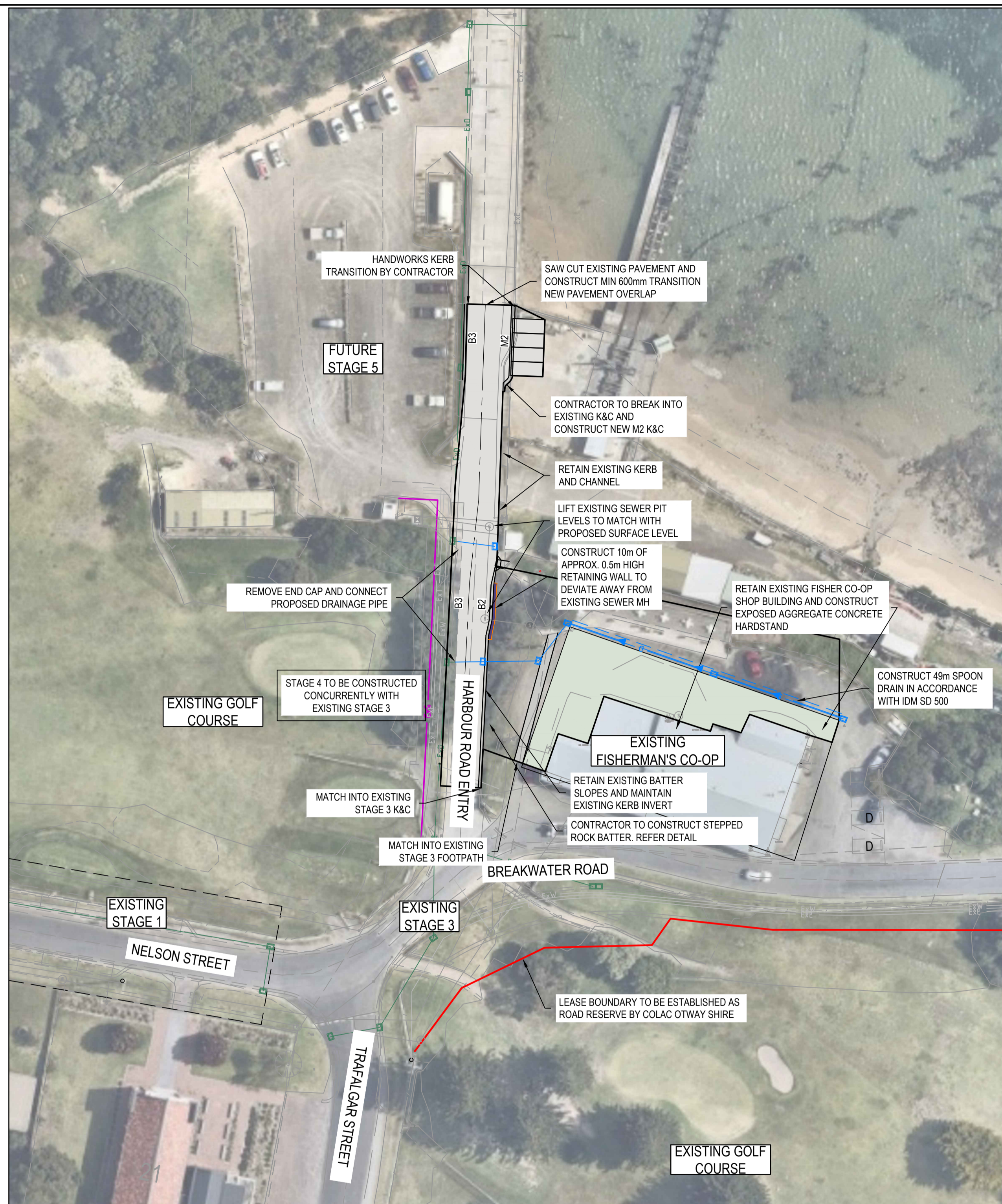
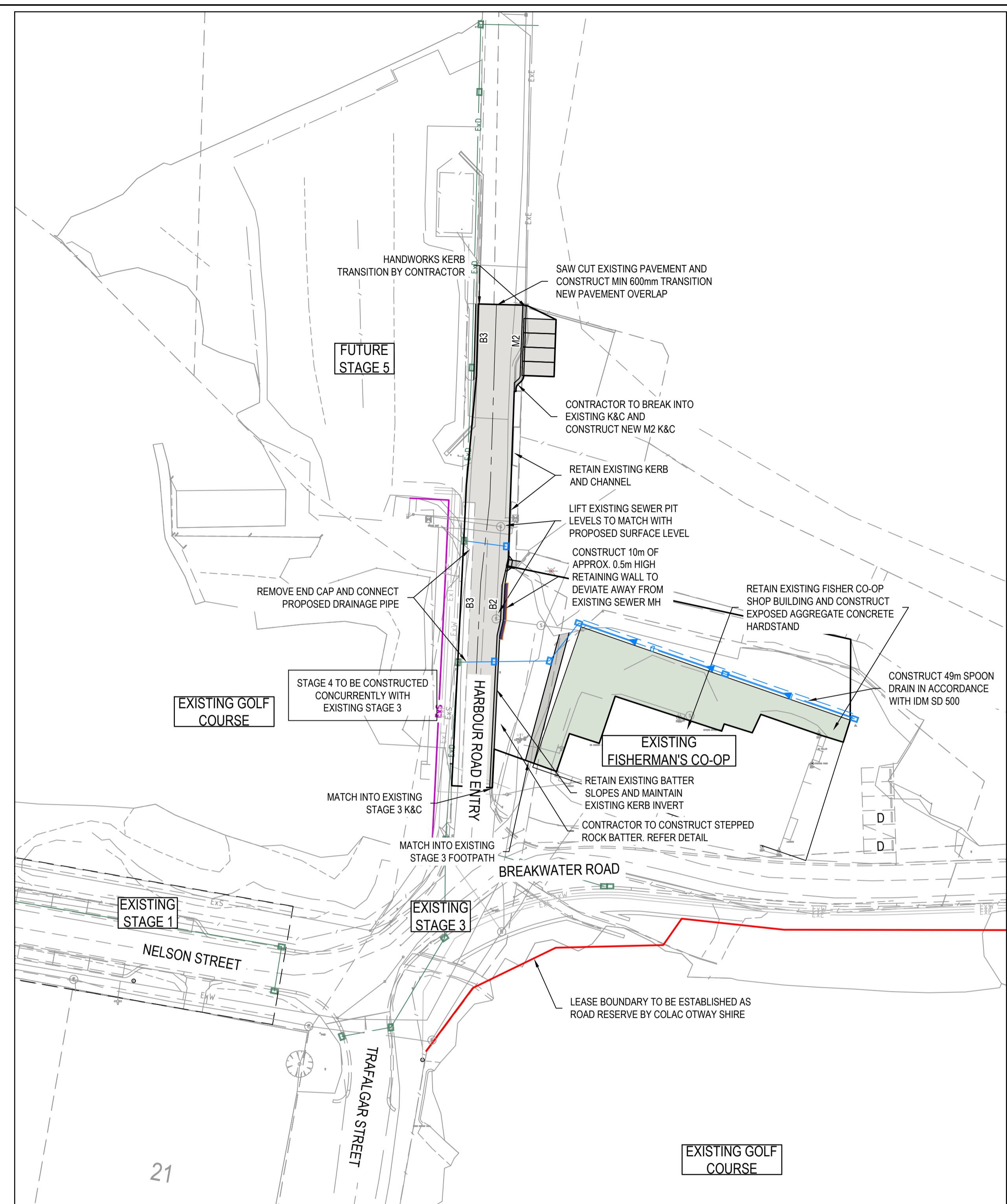


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VICTORIA State Government
Colac Otway SHIRE

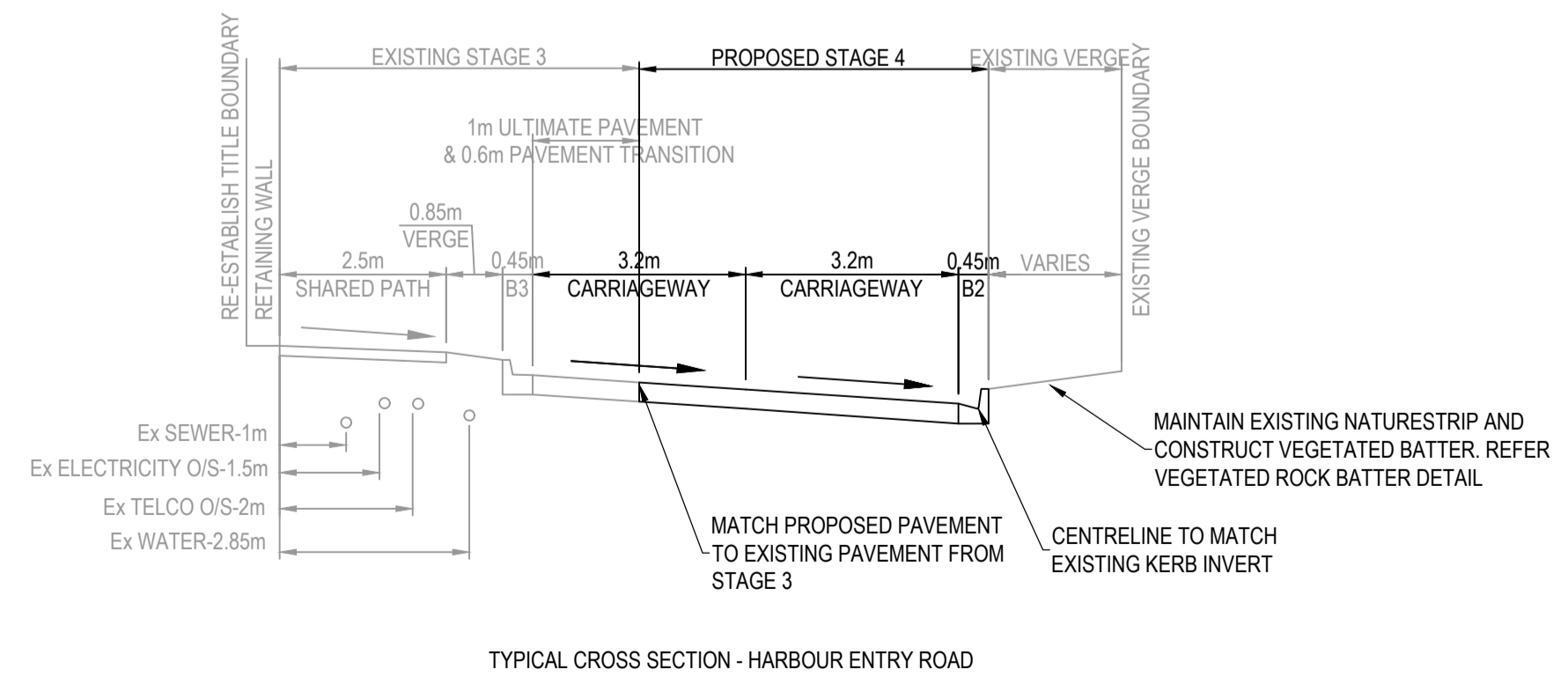
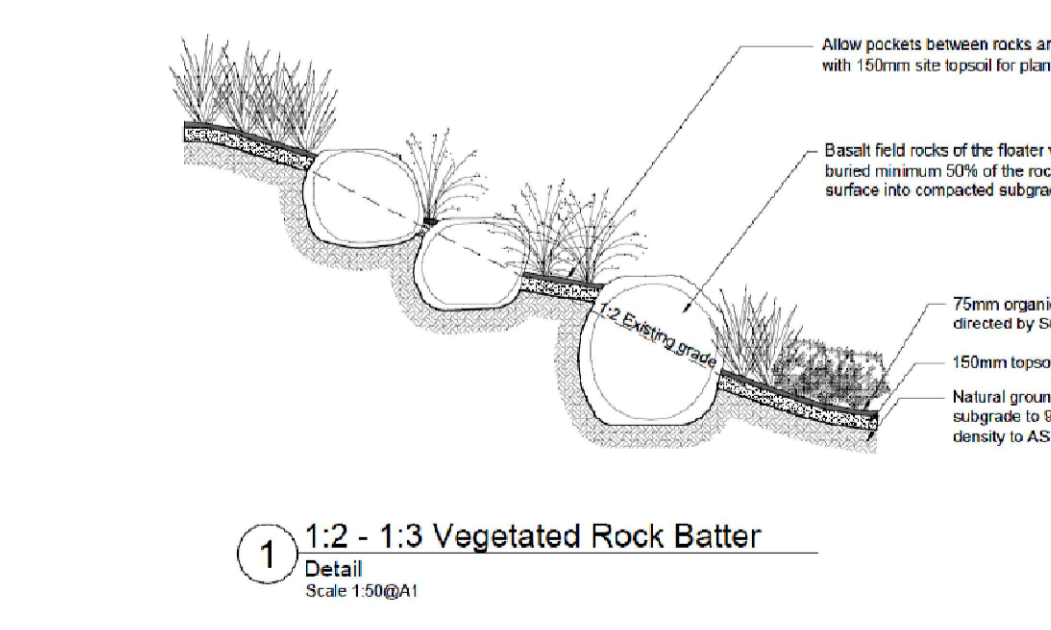
Apollo Bay Harbour Redevelopment - Project 3
Colac Otway Shire Council
Concept Design
Layout Plan - 1

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LEGEND - FUNCTIONAL LAYOUT PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

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| | STORMWATER DRAIN, PIT & PROPERTY INLET |
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| | WATER |
| | RECYCLE WATER |
| | AG. DRAIN |
| | SERVICE CONDUITS |
| | TACTILE PAVERS |
| | EXISTING STORMWATER DRAIN |
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| | EXISTING SEWER & MAINTENANCE STRUCTURES |
| | EXISTING HOUSE DRAIN |
| | EXISTING ELECTRICITY (UNDER GROUND) |
| | EXISTING ELECTRICITY OVERHEAD |
| | EXISTING GAS |
| | EXISTING TELSTRA |
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| | EXISTING WATER |
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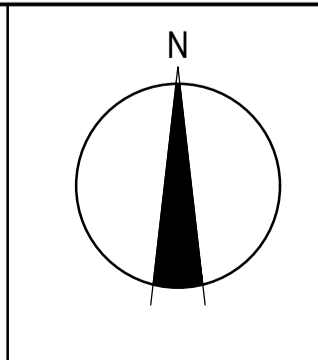
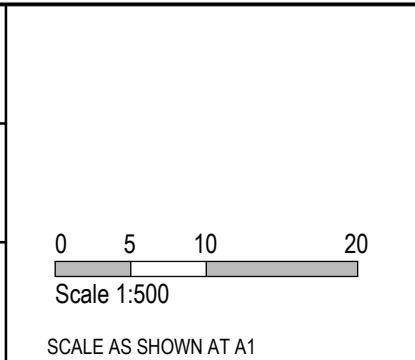
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| A | 31.08.21 | ISSUED TO COUNCIL FOR APPROVAL | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |
| B | 27.10.21 | MINOR AMENDMENTS AS PER RSA AND COUNCIL COMMENTS | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |

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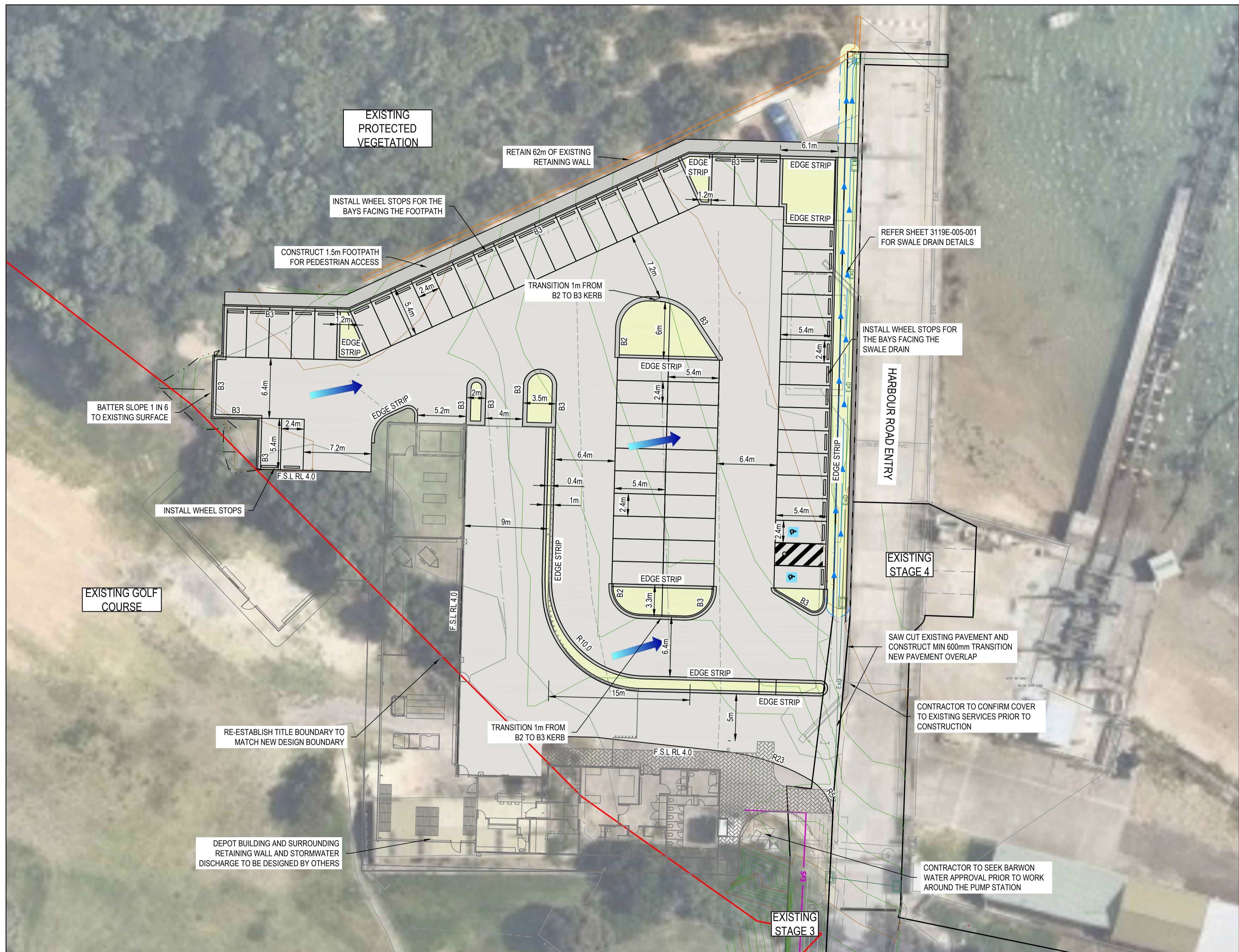


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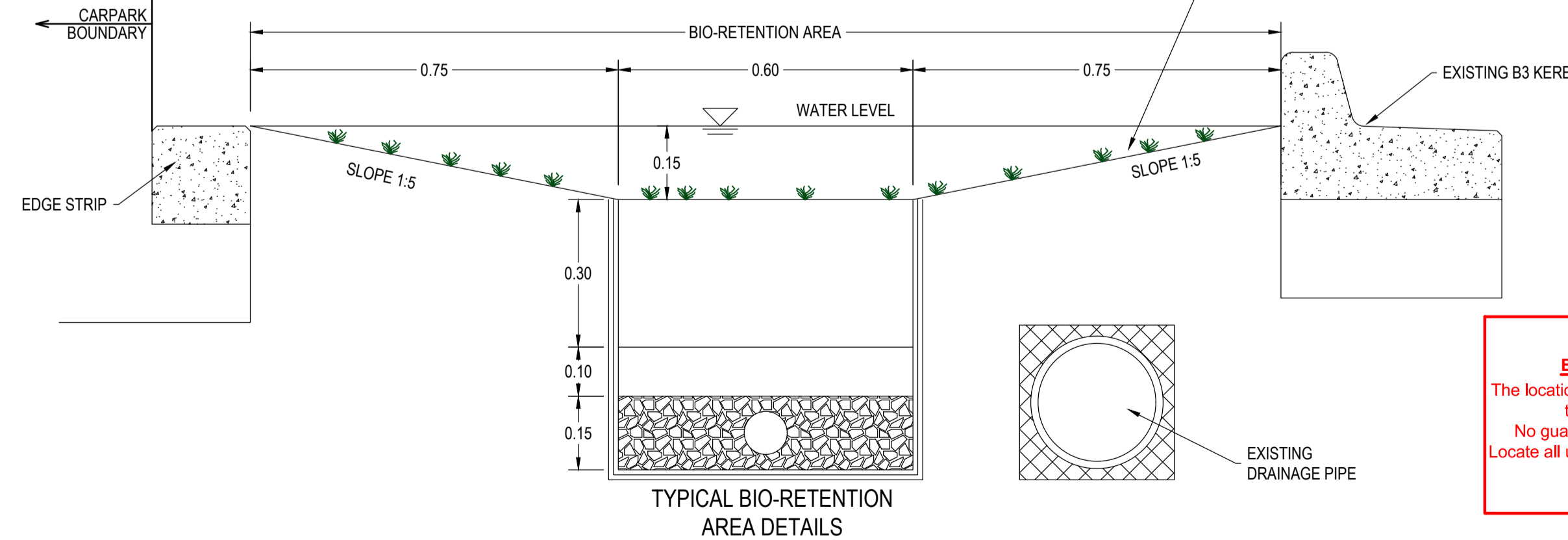
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Apollo Bay Harbour Redevelopment - Project 4
Colac Otway Shire Council
Concept Design
Layout Plan - 1

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| LEGEND - FUNCTIONAL LAYOUT PLAN | |
|--|---|
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| | STORMWATER DRAIN, PIT & PROPERTY INLET |
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| | FUTURE WATER |
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| | FUTURE AG. DRAIN |
| | FUTURE SERVICE CONDUITS |
| | FUTURE TACTILE PAVERS |
| | ZERO LOT LINES |
| | 141.34 EXISTING SURFACE LEVEL |
| | FS140.35 FINISHED BUILDING LINE LEVEL |
| | FR157.40 FINISHED RIDGE LINE LEVEL |
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| | |
|---------------|-----------------------------|
| 3119E-005-001 | Layout Plan - 1 |
| 3119E-005-002 | Layout Plan - 2 Swept Paths |

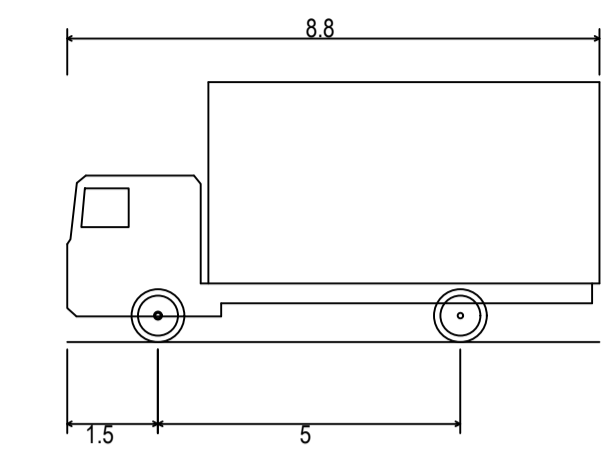
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| A | 03.09.21 | ISSUED TO COUNCIL FOR APPROVAL | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |
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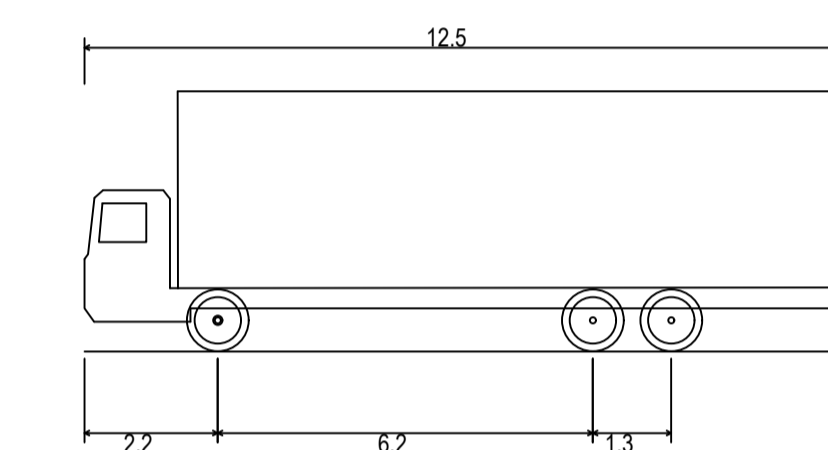
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Colac Otway Shire Council
Functional Design
Layout Plan - 1

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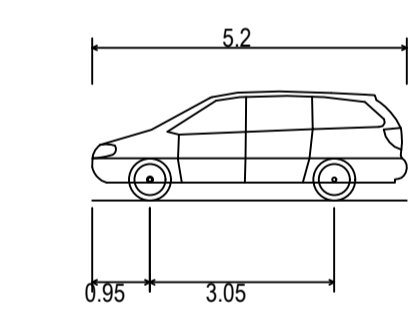
Service Vehicle (8.8 m)
 Overall Length 8.800m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.427m
 Track Width 2.500m
 Lock-to-lock time 4.00s
 Curb to Curb Turning Radius 12.500m

8.800m
 2.500m
 4.300m
 0.427m
 2.500m
 4.00s
 12.500m



Single Unit Truck/Bus (12.5 m)
 Overall Length 12.500m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.490m
 Track Width 2.500m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 12.500m

12.500m
 2.500m
 4.300m
 0.490m
 2.500m
 6.00s
 12.500m



Passenger vehicle (5.2 m)
 Overall Length 5.200m
 Overall Width 1.940m
 Overall Body Height 1.804m
 Min Body Ground Clearance 0.295m
 Track Width 1.840m
 Lock-to-lock time 4.00s
 Curb to Curb Turning Radius 6.300m

5.200m
 1.940m
 1.804m
 0.295m
 1.840m
 4.00s
 6.300m

| LEGEND - FUNCTIONAL LAYOUT PLAN | |
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| | STORMWATER DRAIN, PIT & PROPERTY INLET |
| | SWALE DRAIN |
| | SEWER & MAINTENANCE STRUCTURES |
| | HOUSE DRAIN |
| | ELECTRICITY (U.GROUND) |
| | ELECTRICITY (O.HEAD) |
| | GAS |
| | TELSTRA |
| | OPTIC FIBRE |
| | WATER |
| | RECYCLE WATER |
| | AG DRAIN |
| | SERVICE CONDUITS |
| | TACTILE PAVERS |
| | EXISTING STORMWATER DRAIN |
| | EXISTING SWALE DRAIN |
| | EXISTING SEWER & MAINTENANCE STRUCTURES |
| | EXISTING HOUSE DRAIN |
| | EXISTING ELECTRICITY (UNDER GROUND) |
| | EXISTING ELECTRICITY OVERHEAD |
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| | EXISTING TELSTRA |
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| | EXISTING WATER |
| | EXISTING RECYCLED WATER |
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| | FUTURE WATER |
| | FUTURE RECYCLED WATER |
| | FUTURE AG DRAIN |
| | FUTURE SERVICE CONDUITS |
| | FUTURE TACTILE PAVERS |
| | ZERO LOT LINES |
| | 141.34 EXISTING SURFACE LEVEL |
| | FS140.35 FINISHED BUILDING LINE LEVEL |
| | FR157.40 FINISHED RIDGE LINE LEVEL |
| | CH270.00 CHAINAGE |
| | STRUCTURAL FILL > 200mm DEEP |
| | EXISTING STRUCTURAL FILL > 200mm DEEP |
| | CUT > 200mm DEEP |
| | DIRECTION OF FALL |
| | OVERLAND FLOW |
| | GRADED IN DIRECTION OF FALL TO LEVEL INDICATED |
| | EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER |
| | EXISTING TREE TO BE RETAINED |
| | EXISTING TREE TO BE REMOVED |
| | PERMANENT SURVEY MARK |
| | TEMPORARY BENCH MARK |
| | PROPOSED DRIVEWAY & FOOTPATH |
| | PROPOSED INDUSTRIAL DRIVEWAY |
| | PROPOSED SHARED FOOTPATH |
| | PROPOSED ROAD PAVING |
| | EXISTING ROAD PAVING |

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| REV | DATE | AMENDMENT / REVISION DESCRIPTION | DRAFTER | DESIGNER | CHECKER | APPROVER |
|-----|----------|--|----------|----------|----------|------------|
| A | 03.09.21 | ISSUED TO COUNCIL FOR APPROVAL | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |
| B | 27.10.21 | MINOR AMENDMENTS AS PER RSA AND COUNCIL COMMENTS | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |

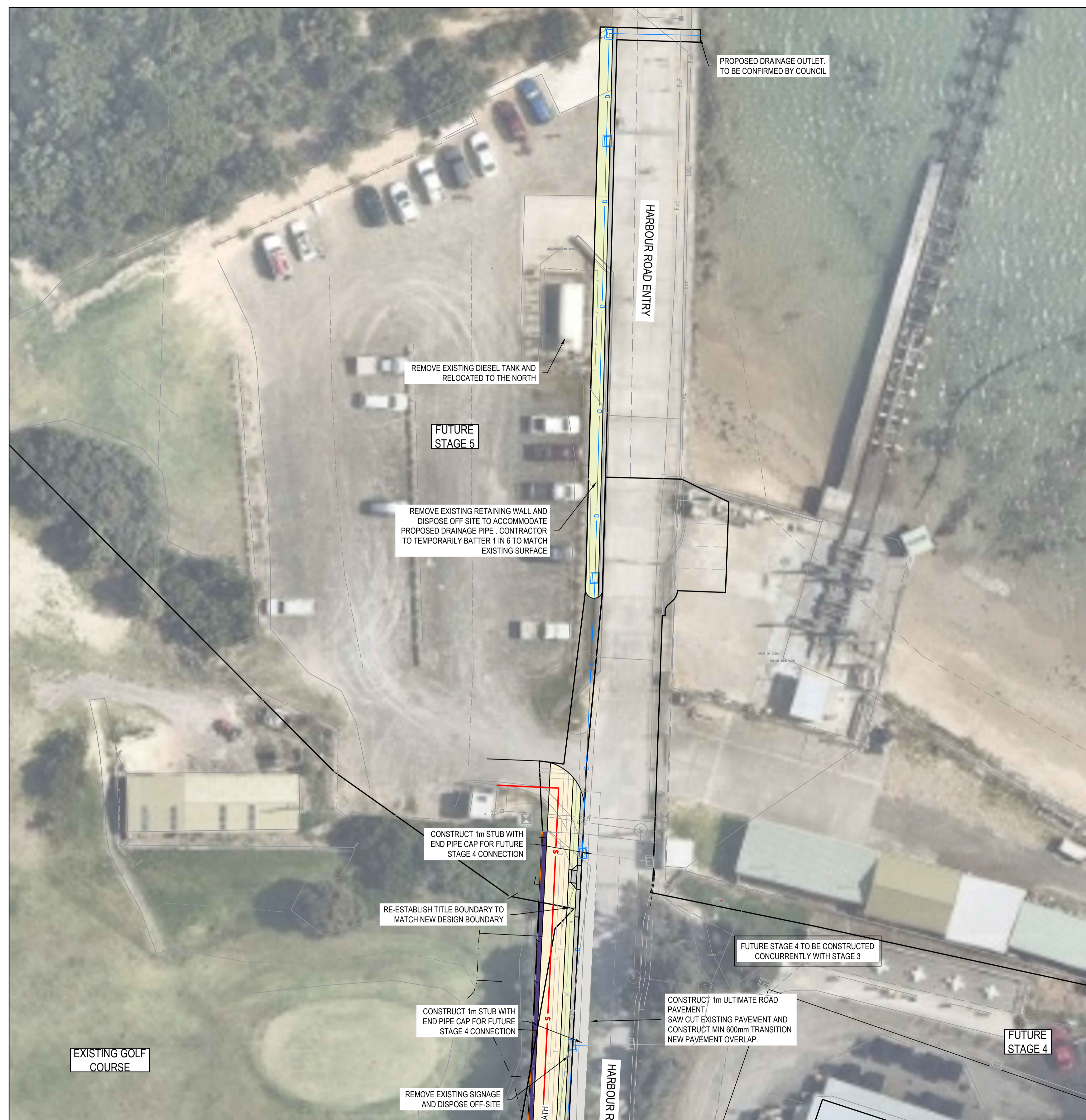
PLAN OF SUB. NO.
 PERMIT REF. NO.
SUBJECT TO APPROVAL

Scale 1:500
 SCALE AS SHOWN AT A1

Member of the Surlana Jurong Group
 East 5, Federal Mills - 33 Mackey Street
 North Geelong, VIC 3215
 Ph 03 5228 3100

Apollo Bay Harbour Redevelopment - Project 5
 Colac Otway Shire Council
 Functional Design
 Layout Plan - 2
 Swept Paths

MELWAYS REF: PROJECT / DRAWING No: 3119E-005-002 SHEET No: 02 of 02 REVISION: B



LEGEND - FUNCTIONAL LAYOUT PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

| | |
|----------|---|
| | STORMWATER DRAIN, PIT & PROPERTY INLET |
| | SWALE DRAIN |
| | SEWER & MAINTENANCE STRUCTURES |
| | HOUSE DRAIN |
| | ELECTRICITY (U.GROUND) |
| | ELECTRICITY (O.HEAD) |
| | GAS |
| | TELSTRA |
| | OPTIC FIBRE |
| | WATER |
| | RECYCLE WATER |
| | AG. DRAIN |
| | SERVICE CONDUITS |
| | TACTILE PAVERS |
| | EXISTING STORMWATER DRAIN |
| | EXISTING SWALE DRAIN |
| | EXISTING SEWER & MAINTENANCE STRUCTURES |
| | EXISTING HOUSE DRAIN |
| | EXISTING ELECTRICITY (UNDER GROUND) |
| | EXISTING ELECTRICITY OVERHEAD |
| | EXISTING GAS |
| | EXISTING TELSTRA |
| | EXISTING OPTIC FIBRE |
| | EXISTING WATER |
| | EXISTING RECYCLED WATER |
| | EXISTING AG. DRAIN |
| | EXISTING SERVICE CONDUITS |
| | EXISTING TACTILE PAVERS |
| | FUTURE STORMWATER DRAIN |
| | FUTURE SWALE DRAIN |
| | FUTURE SEWER & MAINTENANCE STRUCTURES |
| | FUTURE HOUSE DRAIN |
| | FUTURE ELECTRICITY (UNDER GROUND) |
| | FUTURE ELECTRICITY OVERHEAD |
| | FUTURE GAS |
| | FUTURE TELSTRA |
| | FUTURE OPTIC FIBRE |
| | FUTURE WATER |
| | FUTURE RECYCLED WATER |
| | FUTURE AG. DRAIN |
| | FUTURE SERVICE CONDUITS |
| | FUTURE TACTILE PAVERS |
| | ZERO LOT LINES |
| 141.34 | EXISTING SURFACE LEVEL |
| FS140.35 | FINISHED BUILDING LINE LEVEL |
| FR157.40 | FINISHED RIDGE LINE LEVEL |
| CH270.00 | CHAINAGE |
| | STRUCTURAL FILL > 200mm DEEP |
| | EXISTING STRUCTURAL FILL > 200mm DEEP |
| | CUT > 200mm DEEP |
| | DIRECTION OF FALL |
| | OVERLAND FLOW |
| | GRADED IN DIRECTION OF FALL TO LEVEL INDICATED |
| | EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER |
| | EXISTING TREE TO BE RETAINED |
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| | PERMANENT SURVEY MARK |
| | TEMPORARY BENCH MARK |
| | PROPOSED DRIVEWAY & FOOTPATH |
| | PROPOSED INDUSTRIAL DRIVEWAY |
| | PROPOSED SHARED FOOTPATH |
| | PROPOSED ROAD PAVING |
| | EXISTING ROAD PAVING |

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| 3119E-003-001 | Layout Plan - 1 |
| 3119E-003-002 | Layout Plan - 2 |
| 3119E-003-003 | Layout Plan - 3 |
| 3119E-003-021 | Typical Cross Sections |

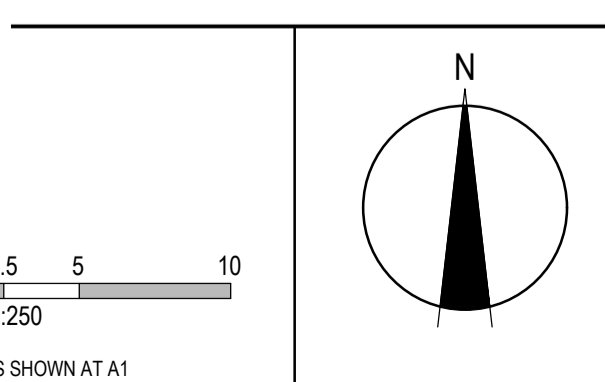
WARNING
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REFER DWG 3119-003-001 FOR CONTINUATION

| REV | DATE | AMENDMENT / REVISION DESCRIPTION | DRAFTER | DESIGNER | CHECKER | APPROVER |
|-----|----------|--|----------|----------|----------|------------|
| A | 28.08.21 | ISSUED TO COUNCIL FOR APPROVAL | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |
| B | 27.10.21 | MINOR AMENDMENTS AS PER RSA AND COUNCIL COMMENTS | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |

PLAN OF SUB. NO. _____
PERMIT REF. NO. _____

SUBJECT TO APPROVAL



SMEC
Member of the Surlana Jurong Group
ABN 47 065 475 149
East 5, Federal Mills - 33 Mackey Street
North Geelong, VIC 3215
Ph 03 5228 3100

Australian Government
VICTORIA State Government
Colac Otway SHIRE

Apollo Bay Harbour Redevelopment - Project 3
Colac Otway Shire Council
Concept Design
Layout Plan - 2

| | | | |
|-------------|--|-----------------------------|----------------------|
| MELWAYS REF | PROJECT / DRAWING No 3119E-003-002 | SHEET No 02 of 04 | REVISION B |
|-------------|--|-----------------------------|----------------------|

| LEGEND - FUNCTIONAL LAYOUT PLAN | |
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| | GAS |
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- 3119E-003-001 Layout Plan - 1
- 3119E-003-002 Layout Plan - 2
- 3119E-003-003 Layout Plan - 3
- 3119E-003-021 Typical Cross Sections

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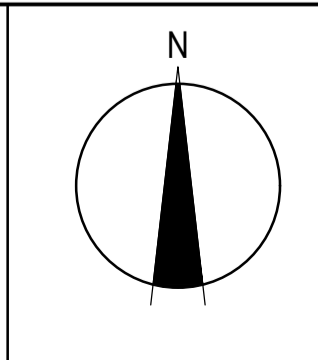
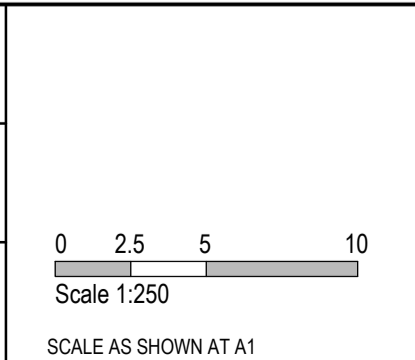
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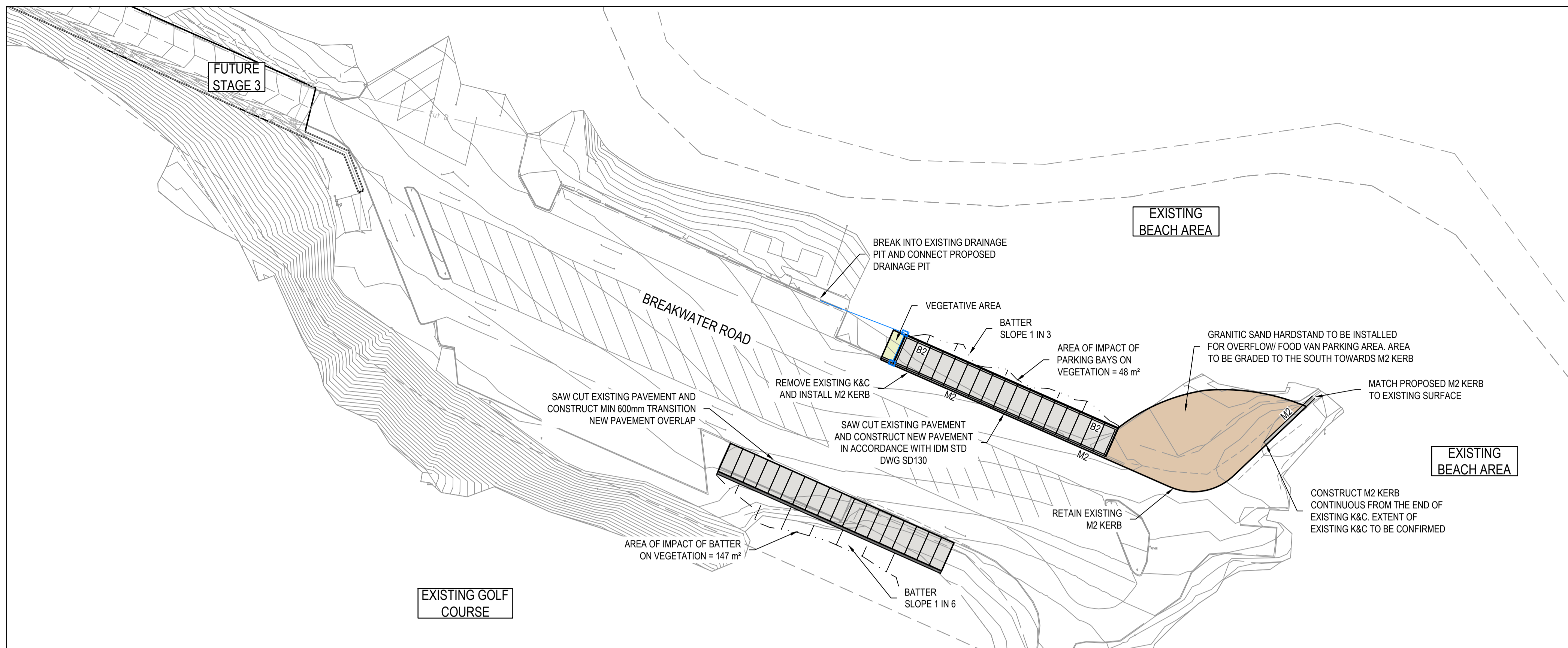
Member of the Surlana Jurong Group

ABN 47 065 475 149

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 North Geelong, VIC 3215
 Ph 03 5228 3100

Apollo Bay Harbour Redevelopment - Project 3
Colac Otway Shire Council
Concept Design
Layout Plan - 3

| | | | |
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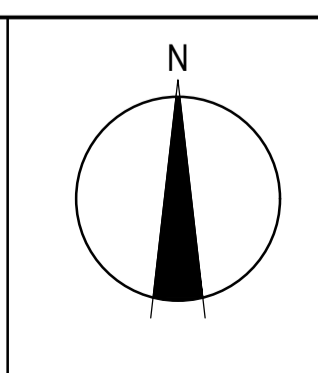
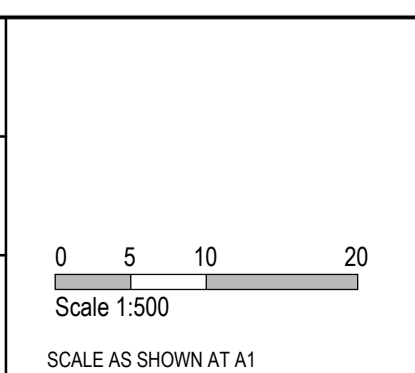
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Drawing Index
3119E-002-001 Layout Plan - 1

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| A | 17.08.21 | ISSUED TO COUNCIL FOR APPROVAL | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |
| B | 24.08.21 | INITIAL COUNCIL COMMENTS | P.HUNJAN | P.HUNJAN | R.FORBES | T.MOORFOOT |

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Apollo Bay Harbour Redevelopment - Stage 2
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