CNXXXX - QA17084 - Mt Martha Village Parking and Footpath

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QA17084

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SITE OF WORKS



LOCALITY PLAN

NOT TO SCALE

PRELIMINARY

LEGEND

TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER _____ 00/00/0000
MANAGER
PROJECT DELIVERY

No	DATE	BY	DRAWING REVISION DETAILS
H			
G			
F			
E			
D			
C	C1	C2	C3
B	B1	B2	B3
A	00/00/00	BY	STAGE

COMPUTER REFERENCE	
PROJECT QA:	QA
CONTRACT CN:	CN
CIVIL 3D DWG:	QA
SURVEY:	SURVEYOR
DESIGN:	DESIGNER
DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

TITLE PAGE, LOCALITY PLAN AND SHEET INDEX

DATUM:	A.H.D.
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PLAN REF No.	REV
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1. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT, THE CURRENT MORNINGTON PENINSULA SHIRE SPECIFICATIONS AND STANDARD DRAWINGS, AND TO THE SATISFACTION OF THE THE SUPERINTENDENT.

2. THE MORNINGTON PENINSULA SHIRE AND ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING A MINIMUM OF SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF ANY WORKS.

3. ALL LEVELS SHOWN ARE TO A.H.D. AND DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.

4. UPON COMMENCEMENT OF CONSTRUCTION WORKS THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION 'CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL'.

WARNING 5. THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS ARE APPROXIMATE AND THEIR EXACT LOCATION SHALL BE PROVEN ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY WORKS. DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT

6. UNDERGROUND GAS, TELSTRA, ELECTRICITY, SEWER & WATER ASSETS EXIST WITHIN THE SCOPE OF THESE WORKS. ANY DAMAGE CAUSED TO EXISTING SERVICES AND ANY COSTS ASSOCIATED WITH REPAIRS OR LOSS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

7. UNLESS OTHERWISE SHOWN NO TREES SHALL BE REMOVED OR TRIMMED WITHOUT THE PRIOR CONSENT OF THE SUPERINTENDENT

8. ALL STORMWATER AND CONDUIT TRENCHES UNDER ROAD PAVEMENT AND/OR KERB & CHANNEL AND/OR CONCRETE PAVING SHALL BE BACKFILLED WITH 20mm CLASS 3 F.C.R AS SPECIFIED, AND COMPACTED IN 150mm LAYERS.

9. THE CONTRACTOR IS TO ENSURE THAT A MINIMUM OF 300mm OF FCR IS PLACED OVER ALL DRAINAGE PIPES UNDER TRAFFICABLE AREAS DURING CONSTRUCTION.

10. ALL STORMWATER DRAINAGE PIPES SHALL BE CLASS '2' R.C.P. AND RUBBER RING JOINTED UNLESS OTHERWISE SPECIFIED.

11. ALL STORMWATER DRAINAGE PITS AND PROPERTY CONNECTIONS etc ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE MORNINGTON PENINSULA SHIRES STANDARD DRAWINGS & SPECIFICATION.

12 THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL RUBBISH AND SPOIL FROM THE SITE.

13. NO TOPSOIL SHALL BE REMOVED FROM THE SITE WITHOUT CONSENT FROM THE THE SUPERINTENDENT.

14. EARTHWORKS SHALL BE CARRIED OUT TO DESIGN LEVELS SHOWN ON CONSTRUCTION ISSUE PLANS. CUT BATTERS TO BE 1 IN 3, FILL BATTERS 1 IN 6 UNLESS SHOWN OTHERWISE.

15. FILL AREAS GREATER THAN 200mm SHALL BE STRIPPED OF TOP SOIL AND VEGETATION, APPROVED FILL MATERIAL PLACED AND TOPSOILED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON CONSTRUCTION ISSUE PLANS.

16. FILL MATERIAL TO BE PLACED IN 150mm LAYERS AND COMPACTED TO MINIMUM 95% DRY DENSITY (STANDARD COMPACTION TEST)

17. STRUCTURAL FILL MATERIAL IS TO BE APPROVED BY COUNCIL PRIOR TO PLACEMENT. LEVEL 1 GEOTECHNICAL SUPERVISION IS TO BE MAINTAINED TO AS3798-1996, COMPACTED IN 150mm LAYERS ALL AS SPECIFIED.

18. ALL FILL, NATURE STRIPS, VERGES, BATTERS AND DISTURBED AREAS SHALL BE TOPSOILED WITH 75mm MINIMUM DEPTH OF APPROVED LOAM AND SOWN WITH SEED, ALL AS SPECIFIED.

19. EARTHWORKS WITHIN ROAD RESERVES SHALL BE TESTED TO THE REQUIREMENTS AND SATISFACTION OF THE MORNINGTON PENINSULA SHIRE COUNCIL. THE CONTRACTOR SHALL ENGAGE THEIR OWN 'NATA' REGISTERED GEOTECHNICAL ENGINEER TO CARRY OUT TESTS IN ACCORDANCE WITH AS3798 AND AS1289 AND SHALL SUPPLY TEST RESULTS CONFIRMING WITH THE PROJECT SPECIFICATION. FREQUENCY OF TESTS WILL BE PROVIDED IN ACCORDANCE WITH AS3798. TEST RESULTS TO BE REVIEWED BY THE MORNINGTON PENINSULA SHIRE COUNCIL, AND IF NECESSARY ADDITIONAL TESTS WILL BE SUPPLIED TO THE SUPERINTENDENT SATISFACTION.

20. PRE MIX CONCRETE TO HAVE A 28 DAY STRENGTH OF 25MPa UNLESS OTHERWISE NOTED.

21. ALL KERB & CHANNEL TO BE IN ACCORDANCE WITH MORNINGTON PENINSULA SHIRE STANDARD DRAWINGS.

22. ALL LAYBACKS & PRAM CROSSINGS TO BE IN ACCORDANCE WITH MORNINGTON PENINSULA SHIRE STANDARD DRAWINGS.

23. UNLESS OTHERWISE SHOWN ALL CHAINAGES SHOWN ARE TO THE DESIGN CENTRE LINE OF ROAD PAVEMENT.

24. ALL KERB RADII SHOWN ARE TO LIP OF KERB ie R7.0. RADII TO BACK OF KERB SHOWN BEHIND KERB IN BRACKETS ie. (R6.4).

25. THE CONTRACTOR SHALL ERECT AND IS RESPONSIBLE FOR MAINTAINING ALL SHORING, PLANKING, STRUTTING, DEWATERING, BARRICADES, WARNING SIGNS, LIGHTS etc NECESSARY TO KEEP THE WORK SITE SAFE AND TO PROTECT THE PUBLIC FROM THE WORKS.

26. ALL LINEMARKING AND SIGNAGE IS TO BE INSTALLED IN ACCORDANCE WITH AS1742-1 AND AS1742-2 UNLESS SPECIFICALLY SHOWN OTHERWISE.
LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT.

27. THE PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH, AND MAY BE VARIED BY THE SUPERINTENDENT. WHERE DIRECTED SOFT SPOTS SHALL BE EXCAVATED TO A HARD BASE AND BACKFILLED WITH APPROVED GRANULAR MATERIAL IN 150mm LAYERS.

28. THE SUBGRADE OF ALL PAVEMENTS SHALL BE APPROVED BY COUNCIL'S SUPERINTENDENT PRIOR TO PLACEMENT OF ANY SUBSEQUENT PAVEMENT COURSE. PROOF ROLLING AND COMPACTION TESTING OF EACH PAVEMENT LAYER SHALL BE IN ACCORDANCE WITH AS3798 AND AS1289 AND SHALL MEET THE FOLLOWING STANDARDS:

ASPHALT LAYERS < 50mm	94.5% MEAN DENSITY RATIO, 93% CHARACTERISTIC DENSITY RATIO
ASPHALT LAYERS > 50mm	96% MEAN DENSITY RATIO, 95% CHARACTERISTIC DENSITY RATIO
BASE LAYER	98% MODIFIED DRY DENSITY
SUB BASE LAYER	95% MODIFIED DRY DENSITY
SUB GRADE LAYER	95% STANDARD DRY DENSITY

COMPACTION TEST RESULTS SHALL BE FORWARDED TO COUNCIL SUPERINTENDENT FOR APPROVAL PRIOR TO PLACEMENT OF SUBSEQUENT PAVEMENT LAYERS.

29. ALL ROADS USED BY TRUCKS AND CONSTRUCTION EQUIPMENT ARE TO BE KEPT CLEAN AT ALL TIMES TO THE SATISFACTION OF THE SUPERINTENDENT

30. THE CONTRACTOR SHALL ENSURE THAT DUST PRODUCED FROM THE SITE SHALL BE KEPT TO A MINIMUM, AND NOT CAUSE A NUISANCE TO ANY THIRD PARTY.

31. THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO SURROUNDING ALLOTMENTS OR PROPERTIES MUST BE MADE GOOD.

32. UPON THE COMPLETION OF WORKS THE CONTRACTOR IS TO CLEAN UP AND FLUSH ALL DRAINAGE PIPES TO THE SATISFACTION OF THE SUPERINTENDENT

33. WHERE A DISCREPANCY MAY ARISE BETWEEN THE CONSTRUCTION ISSUE PLANS AND THE PROJECT SPECIFICATION, THE SPECIFICATION TAKES PRECEDENCE. SUCH DISCREPANCY'S MUST BE REPORTED TO THE SUPERINTENDENT.

34. EXISTING SERVICE CONDUITS FOR GAS, WATER AND ELECTRICITY ARE TO BE REFERENCED IN 50mm HIGH LETTERS ON THE FACE OF KERB AND CHANNEL MARKED WITH EITHER 'G', 'W', OR 'E' ACCORDINGLY.

35. EXISTING PROPERTY SERVICE TAPPINGS FOR GAS & WATER ARE TO BE LOCATED BY HAND EXCAVATION PRIOR TO THE COMENCEMENT OF ROAD BOXING OUT. ANY DISCREPANCY'S WITH THE DESIGN MUST BE REPORTED TO THE SUPERINTENDENT

36. ORIGIN ENERGY'S "RECORDS OF UNDERGROUND MAINS AND PROTECTION OF ASSETS" STATEMENT SHALL BE READ AND COMPLIED WITH DURING THE CONSTRUCTION WORKS. IT IS NOTED THAT THE FOLLOWING MINIMUM CLEARANCES FROM ORIGIN ENERGY'S RETICULATION MAINS AND SERVICES SHOULD BE MAINTAINED.
- 150mm when crossing gas mains with installations up to 1.50 metres wide.
- 300mm when crossing gas mains with installations greater than 1.50 metres wide.
- 300mm when installations are laid parallel to gas mains. (Excluding electrical underground cables).
- 600mm between all gas mains and earthing stakes.
- 300mm between all domestic gas services and parallel electrical underground cables.
- 1000mm between all gas mains and parallel electrical underground cables.

37. EXISTING SOUTH EAST WATER ASSETS EXIST WITHIIN THE PROPOSED SCOPE OF WORKS, AND THE FOLLOWING CONDITIONS ARE TO BE COMPLIED AND ADHERED WITH:
WATER
- Minimum cover required over water mains during construction is 450mm.
- The minimum final cover over water mains is 450mm (nature strips), 600mm (sealed roads), 750mm (major roads), 1200mm (freeways) the location and depth of water mains is to be proved by hand excavation prior to the commencement of the works where required;
- The minimum verticle clearance between water mains and drains is 150mm.
- Drains crossing over water mains are to be designed as a pier and beam arrangement.
- The minimum horizontal clearance between water mains and other assets (including street furniture and kerb and channel) is 450mm.
- Surface fittings are to be accessible at all times to allow for emergency shut down of the mains and all surface fittings must be raised to suit finished surface levels.
Where there is a requirement to adjust surface fittings, please contact SEW

Standard Conditions
When designing and constructing proposed assets within the vicinity of South East Water sewer asset, certain condsiderations need to be made:

For sewer pipes up to 225mm diameter, the following applies:
- No additional load is to be placed on sewer assets;
- All utilities / retaining walls are to cross sewers at 90°;
- A minimum vertical clearance of 300mm is required;
- Proposed structures / assets parallel to sewers are to be 600mm clear (horizontally) of closest edge of sewer;
- Maximum fill to be placed over a sewer is 1.0metre;

For sewer maintenance holes and maintenance shafts, the following applies:
- A minimum of 1.0metre horizontal clearance from edge of cover surround;
- No additional load is to be placed on sewer assets;
- Access is required 24 hours per day for maintenance purposes;

38. EXISTING TELSTRA TELECOMMUNICATION ASSETS EXIST WITHIN THE PROPOSED SCOPE OF WORKS.
IT IS RECOMMENDED THAT A "DIAL BEFORE YOU DIG - Phone 1100" SERVICES ASSET SEARCH BE DONE TO ASCERTAIN THE APPROXIMATE LOCATION & PLANS OF SERVICES PRIOR TO COMMENCEMENT OF WORKS. PLEASE GIVE AT LEAST 2 DAYS NOTICE.
TELSTRA'S SUBSEQUENT "PLANT LOCATION DETAILS" & "DUTY OF CARE" STATEMENT IS TO BE READ AND ADHERED TO DURING THE CONSTRUCTION WORKS. FOR FURTHER ON SITE DETAILS PLEASE PHONE TELSTRA'S FIELD CONSULTANT MR. MICHAEL WILSON ON Ph.0429 919 343.

39. EXISTING MELBOURNE WATER ASSETS EXIST WITHIN THE PROPOSED SCOPE OF WORKS.
IN ACCORDANCE WITH MELBOURNE WATERS CORRESPONDENCE OF 18th APRIL 2008, THE CIVIL CONTRACTOR SHALL MAKE A 'WORK PERMIT' APPLICATION TO MW AND COMPLY WITH ALL MW WORK CONDITIONS IMPOSED.

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THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR AND AT ALL TIMES PROVIDE A SAFE WORKING ENVIRONMENT IN THE VICINITY OF THE SITE OF WORKS IN FULL COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS.



PRELIMINARY

LEGEND

TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE		PROPOSED KERB AND CHANNEL		EXISTING HOUSE DRAIN	
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE		EXISTING KERB AND CHANNEL		PROPOSED PROPERTY INLET	
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN		TREE			
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN		TREE TO BE REMOVED			
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LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN		EXISTING DRAINAGE			
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE		PIT NUMBER			
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK		PROPOSED HOUSE DRAIN			

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SIGNED _____

DEREK ROTTER _____ 00/00/0000
MANAGER
PROJECT DELIVERY

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DESIGN:	DESIGNER
DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

MORNINGTON PENINSULA Shire

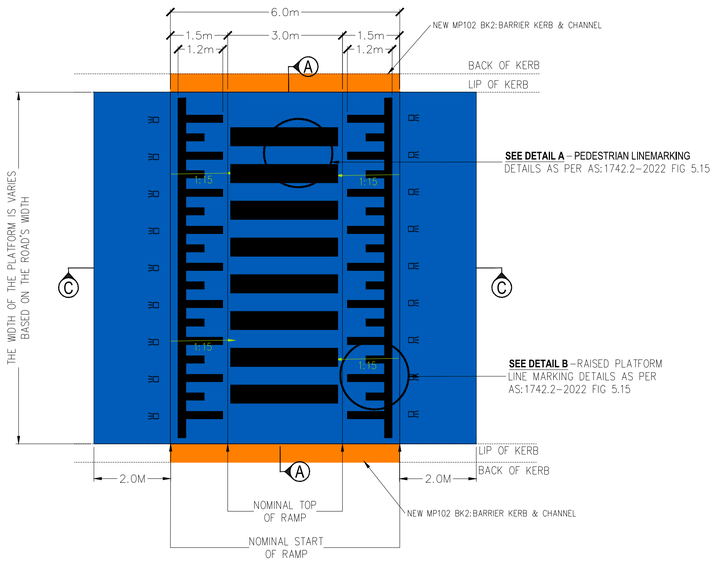
MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

GENERAL NOTES AND TYPICAL SECTIONS

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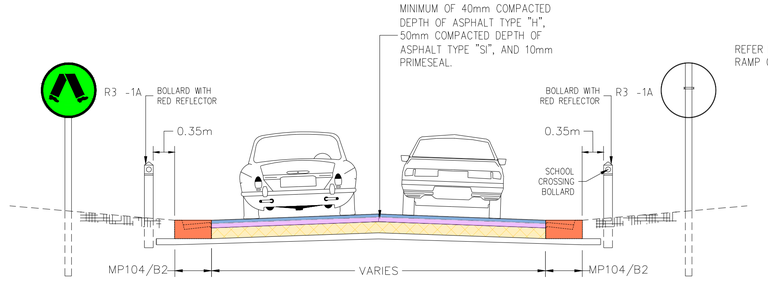
TYPICAL PLAN - RAISED SAFETY PLATFORM (NON - BUS ROUTE)

NOT TO SCALE

NOTE:

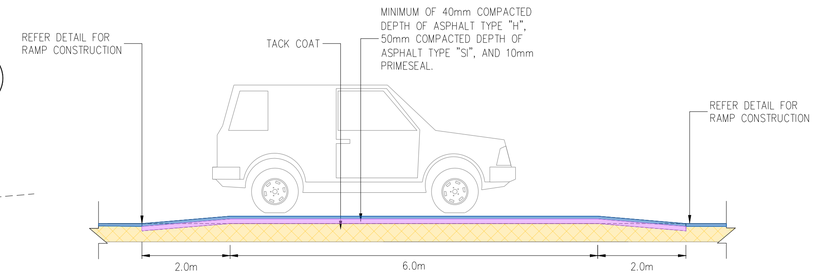
1. ANY KERB & CHANNEL THAT IS TO BE REMOVED IS TO BE NEATLY SAW CUT AT THE EDGE OF THE MODIFIED KERB & CHANNEL. IF THE REMAINING SECTION OF KERB & CHANNEL WOULD BE SHORTER THAN 1.2M IN LENGTH TO THE NEAREST JOINT, THEN REMOVE THIS SECTION OF KERB AS WELL AND REPLACE TO MPS STANDARD.
2. CONTRACTOR TO EVENLY GRADE LIP & INVERT OF KERB AND CHANNEL (MP102) TO FINISH FLUSH WITH TOP OF KERB AT PEDESTRIAN ZONE.
3. AT RAMP TOP/ PEDESTRIAN ZONE (3m WIDE) AN EFFECTIVE FLUSH KERB OF 600mm WIDE X 300mm DEEP WILL EXIST (TYPICAL).
4. REFER TO BELOW KERB GRADING FOR MORE INFORMATION AND PHOTOGRAPH FOR ASSISTANCE.
5. FOR THE ASPHALT PAVEMENT; THE RAISED PLATFORM SHALL BE LAID AND ROLLED FIRST. A MINIMUM OF 2 HOURS LATER AFTER THE ASPHALT HAS GONE COLD.
6. THE CONTRACTOR SHALL SAWCUT A STRAIGHT EDGE AND THEN HAND PLACE AND ROLL THE 1.5mOR 2.0m LONG ASPHALT RAMPS TO ENSURE A SHARP CHANGE OF DIRECTION.
7. THE ROLLING OF THE RAMPS IS TO BE PERPENDICULAR TO THE DIRECTION OF CAR TRAVEL TO ENSURE A UNIFORM RAMP.





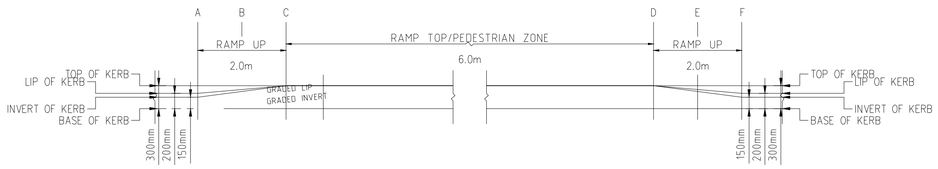
SECTION A-A RAISED PEDESTRAIN CROSSING

NOT TO SCALE



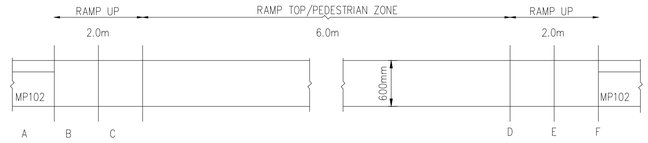
SECTION C-C RAISED SAFETY PLATFORM

NOT TO SCALE



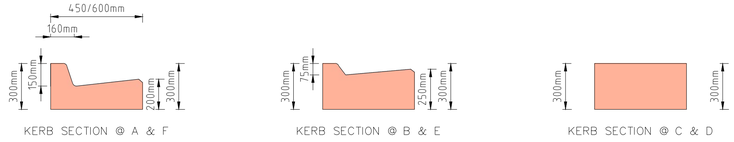
PEDESTRIAN ZONE KERB GRADING FOR PEDESTRIAN CROSSING

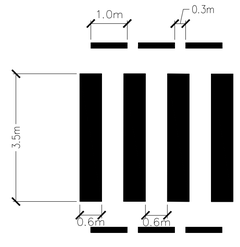
NOT TO SCALE



PEDESTRIAN ZONE KERB PLAN FOR **PEDESTRIAN** CROSSING

NOT TO SCALE





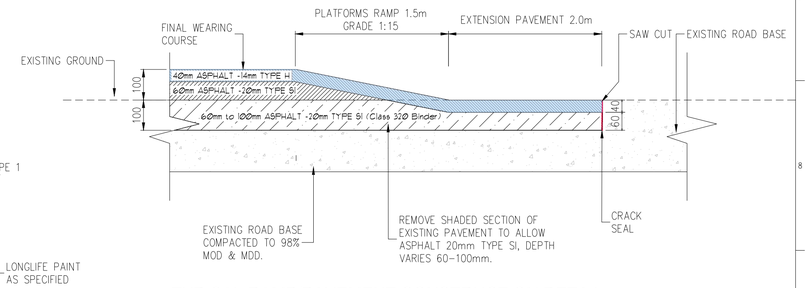
DETAIL A - PEDESTRIAN LINEMARKING

NOT TO SCALE



DETAIL B - RAISED PLATFORM LINEMARKING

NOT TO SCALE



TYPICAL RAMP/PAVEMENT CONSTRUCTION DETAIL

NOT TO SCALE

PRELIMINARY

LEGEND

TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
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FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

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SIGNED _____

DEREK ROTTER
MANAGER
PROJECT DELIVERY

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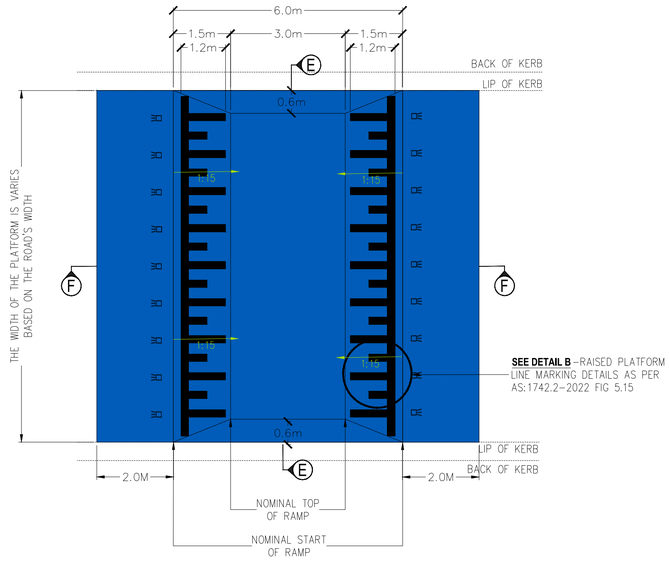
MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

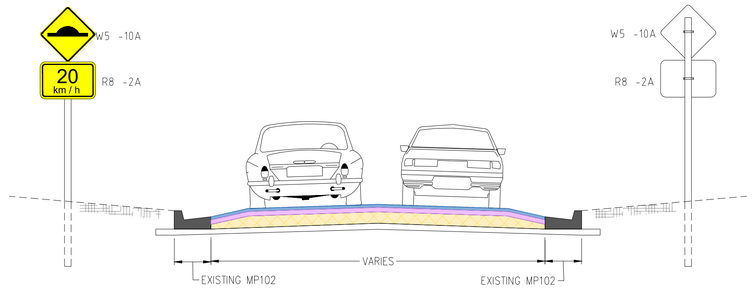
TYPICAL DETAIL – PART 1

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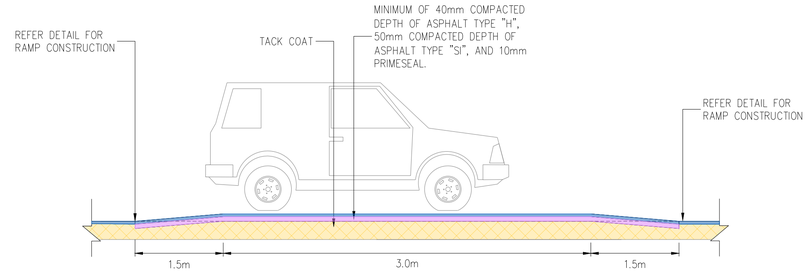
TYPICAL PLAN - RAISED SAFETY PLATFORM (NON - BUS ROUTE)

NOT TO SCALE



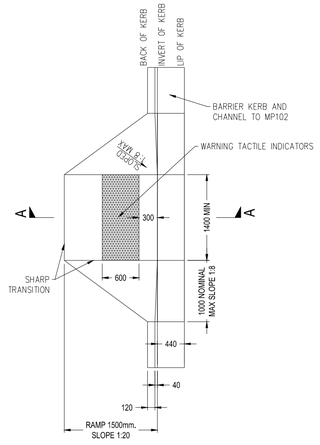
SECTION E-E RAISED SAFETY PLATFORM

NOT TO SCALE



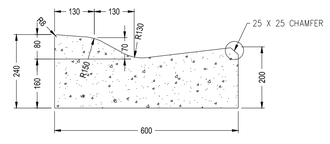
SECTION F-F RAISED SAFETY PLATFORM

NOT TO SCALE



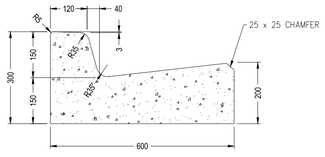
MP107.2 - KERB RAMP FOR BARRIER KERB AND CHANNEL

NOT TO SCALE



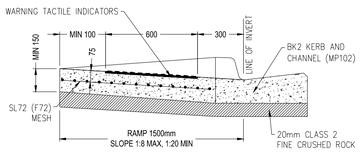
MP101 - RO1: ROLLOVER KERB & CHANNEL

NOT TO SCALE



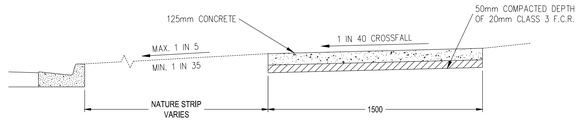
MP102 - BK2: BARRIER KERB & CHANNEL

NOT TO SCALE



SECTION A-A - KERB RAMP FOR BARRIER KERB AND CHANNEL

NOT TO SCALE



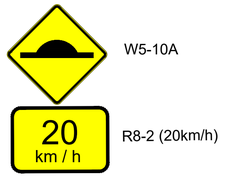
MP901 - TYPICAL CONCRETE FOOTPATH

NOT TO SCALE

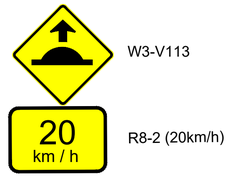


R3-1A

#1



#2



#3

PRELIMINARY

LEGEND

TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER _____ 00/00/0000

MANAGER

PROJECT DELIVERY

No	DATE	BY	DRAWING REVISION DETAILS
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A	00/00/00	BY	STAGE

COMPUTER REFERENCE

PROJECT QA:	QA
CONTRACT CN:	CN
CIVIL 3D DWG:	QA
SURVEY:	SURVEYOR
DESIGN:	DESIGNER
DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

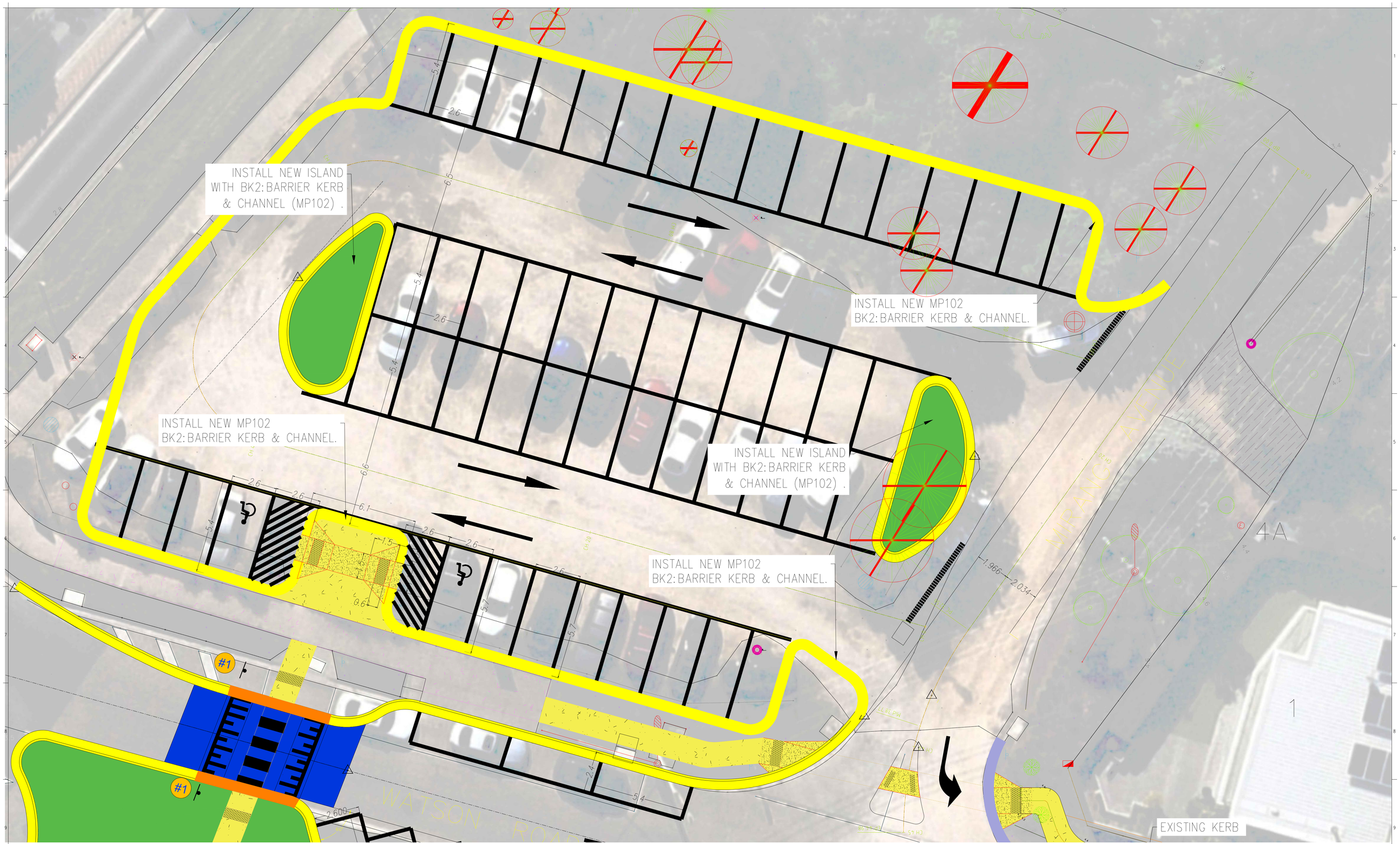
TYPICAL DETAIL – PART 2

DATUM:	A.H.D.
SCALE AT A1:	AS SHOWN
DATE OF PLAN:	00.00.0000
MELWAYS REF:	MELWAYS

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PLAN REF No. 18084–00

REV A



PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER
MANAGER
PROJECT DELIVERY

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No	DATE	BY	DRAWING REVISION DETAILS
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CIVIL 3D DWG:	QA
SURVEY:	SURVEYOR
DESIGN:	DESIGNER
DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET.LAYOUT

DATUM:	A.H.D.
SCALE AT A1:	AS SHOWN
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18084-00	A

INSTALL NEW MP102
BK2: BARRIER KERB & CHANNEL.

INSTALL RAISED PEDESTRAIN CROSSING AS SHOWN IN 24014-03. LINE MARKING AS SPECIFIED IN AS:1742.2-2022 (SEE DETAIL ON 24014-03)

INSTALL NEW MP102 BK2: BARRIER KERB & CHANNEL. REFER TO KERB GRADING PLAN FOR APPROPRIATE GRADING TRANSITION.

INSTALL SIGNS, R3-1A AS SPECIFIED IN AS:1742.13-2023

INSTALL NEW ISLAND (1) WITH BK2: BARRIER KERB & CHANNEL (MP102) AND 1.5m FOOTPATH (MP901).

INSTALL NEW MP102
BK2: BARRIER KERB & CHANNEL.

INSTALL NEW MP102 BK2: BARRIER KERB & CHANNEL. REFER TO KERB GRADING PLAN FOR APPROPRIATE GRADING TRANSITION.

INSTALL RAISED PEDESTRAIN CROSSING AS SHOWN IN 24014-03. LINE MARKING AS SPECIFIED IN AS:1742.2-2022 (SEE DETAIL ON 24014-03)

CONSTRUCT NEW FOOTPATH 125mm THICK (MP901) TO MATCH EXISTING FOOTPATH

INSTALL SIGNS, R3-1A AS SPECIFIED IN AS:1742.13-2023

INSTALL RAISED PEDESTRAIN CROSSING AS SHOWN IN 24014-03. LINE MARKING AS SPECIFIED IN AS:1742.2-2022 (SEE DETAIL ON 24014-03)

INSTALL NEW MP102 BK2: BARRIER KERB & CHANNEL. REFER TO KERB GRADING PLAN FOR APPROPRIATE GRADING TRANSITION.

INSTALL NEW ISLAND (2) WITH BK2: BARRIER KERB CHANNEL (MP102) AND 1.5m FOOTPATH (MP901).

PRELIMINARY

LEGEND

TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER _____ 00/00/0000
MANAGER
PROJECT DELIVERY

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COMPUTER REFERENCE

PROJECT QA:	QA
CONTRACT CN:	CN
CIVIL 3D DWG:	QA
SURVEY:	SURVEYOR
DESIGN:	DESIGNER
DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET.LAYOUT

DATUM:	A.H.D.
SCALE AT A1:	AS SHOWN
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INSTALL NEW MP102 BK2:BARRIER KERB & CHANNEL. REFER TO KERB GRADING PLAN FOR APPROPRIATE GRADING TRANSITION.

INSTALL NEW ISLAND (2) WITH BK2:BARRIER KERB & CHANNEL (MP102) AND 1.5m FOOTPATH (MP901).

INSTALL NEW MP102 BK2:BARRIER KERB & CHANNEL.

INSTALL SIGNS, W5-10A & R8-2 AS SPECIFIED IN AS:1742.13-2023

INSTALL RAISED SAFETY PLATFORM (NON-BUS ROUTE) AS SHOWN IN 24014-04. LINE MARKING AS SPECIFIED IN AS:1742.2-2022 (SEE DETAIL ON 24014-03)

INSTALL NEW MP101 RO1:ROLLOVER KERB & CHANNEL.

INSTALL NEW ISLAND (3) WITH BK2:BARRIER KERB & CHANNEL (MP102) AND 1.5m FOOTPATH (MP901).

INSTALL NEW MP102 BK2:BARRIER KERB & CHANNEL.

INSTALL RAISED SAFETY PLATFORM (NON-BUS ROUTE) AS SHOWN IN 24014-04. LINE MARKING AS SPECIFIED IN AS:1742.2-2022 (SEE DETAIL ON 24014-03)

INSTALL NEW MP102 BK2:BARRIER KERB & CHANNEL.

INSTALL SIGNS, W5-10A & R8-2 AS SPECIFIED IN AS:1742.13-2023

#1 #2 #2 #2

WATSON ROAD

LANGRIGG AVENUE

PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER ___00/00/0000___
MANAGER
PROJECT DELIVERY

No	DATE	BY	DRAWING REVISION DETAILS
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COMPUTER REFERENCE	
PROJECT QA:	QA
CONTRACT CN:	CN
CIVIL 3D DWG:	QA
SURVEY:	SURVEYOR
DESIGN:	DESIGNER
DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET.LAYOUT

DATUM:	A.H.D.
SCALE AT A1:	AS SHOWN
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CHANNEL.

CONSTRUCT NEW 1.5m FOOTPATH
125mm THICK (MP901).

#3

TALL SIGNS, W3-V113 & R8-2
SPECIFIED IN AS:1742.13-2023

WATSON ROAD

RAILWAY

PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER _____ 00/00/0000
MANAGER
PROJECT DELIVERY

No	DATE	BY	DRAWING REVISION DETAILS
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COMPUTER REFERENCE	
PROJECT QA:	QA
CONTRACT CN:	CN
CIVIL 3D DWG:	QA
SURVEY:	SURVEYOR
DESIGN:	DESIGNER
DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET LAYOUT

DATUM:	A.H.D.
SCALE AT A1:	AS SHOWN
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CONSTRUCT NEW 1.5m FOOTPATH
125mm THICK (MP901).

11

13

15

LPD

LPD

PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER _____ 00/00/0000

MANAGER
PROJECT DELIVERY

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PROJECT QA:	QA
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MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET.LAYOUT

DATUM:	A.H.D.
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CONSTRUCT NEW 1.5m FOOTPATH
125mm THICK (MP901).

17

21

WATTLE AVE

LPD

LPD

LPD

LPD

LPD

PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

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DEREK ROTTER _____ 00/00/0000

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MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET.LAYOUT

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23–25

25

LPD

LPD

LPB

HENLEY AVE

CONSTRUCT NEW 1.5
125mm THICK (MP90

PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

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DEREK ROTTER
MANAGER
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00/00/0000

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MORNINGTON PENINSULA Shire

MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET.LAYOUT

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18084–00	A



PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
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UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER _ _ 00/00/0000 _ _
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SURVEY:	SURVEYOR
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MORNINGTON PENINSULA Shire

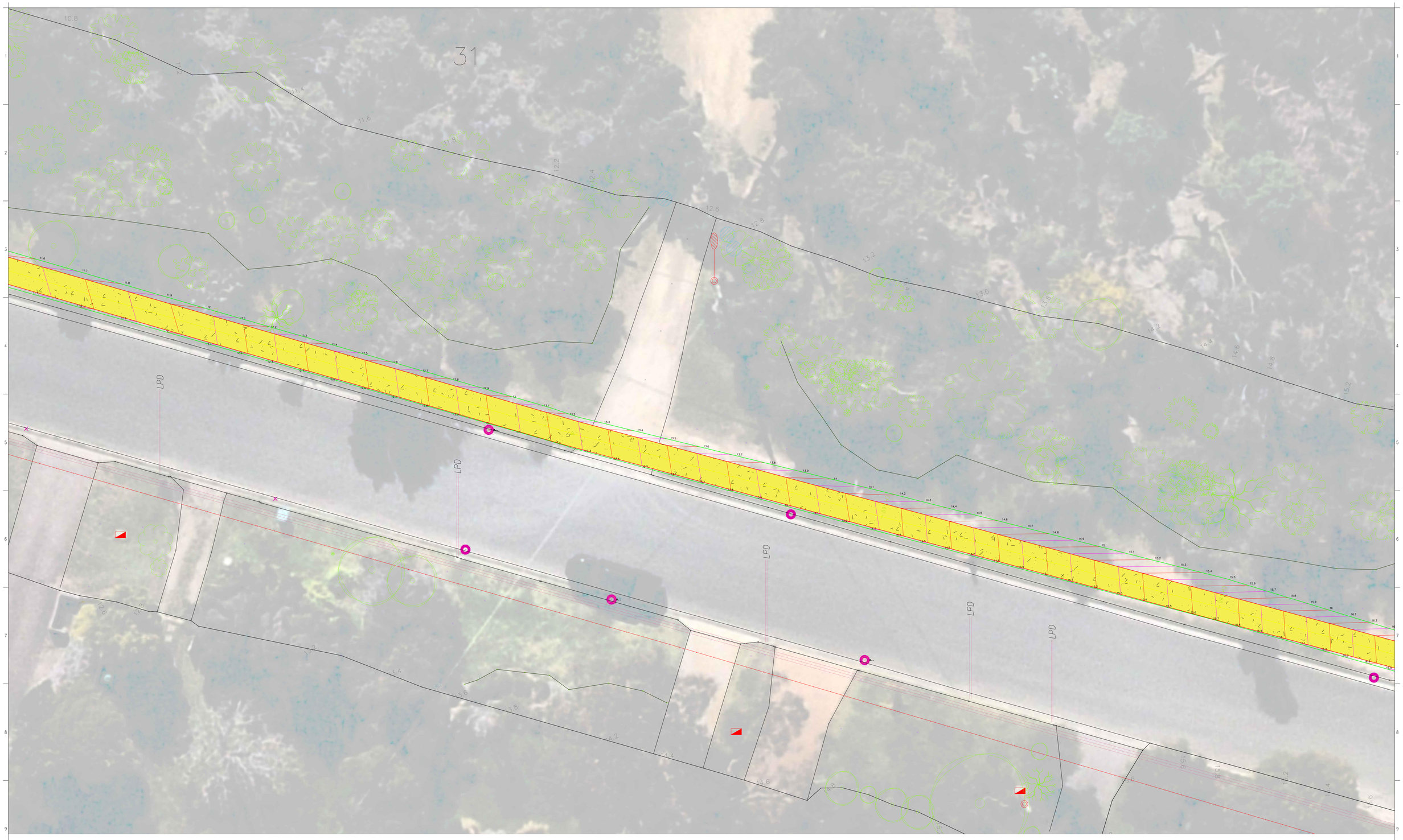
MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET.LAYOUT

DATUM:	A.H.D.
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PLAN REF No.	REV
18084-00	A



PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
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LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

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DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

MORNINGTON PENINSULA Shire

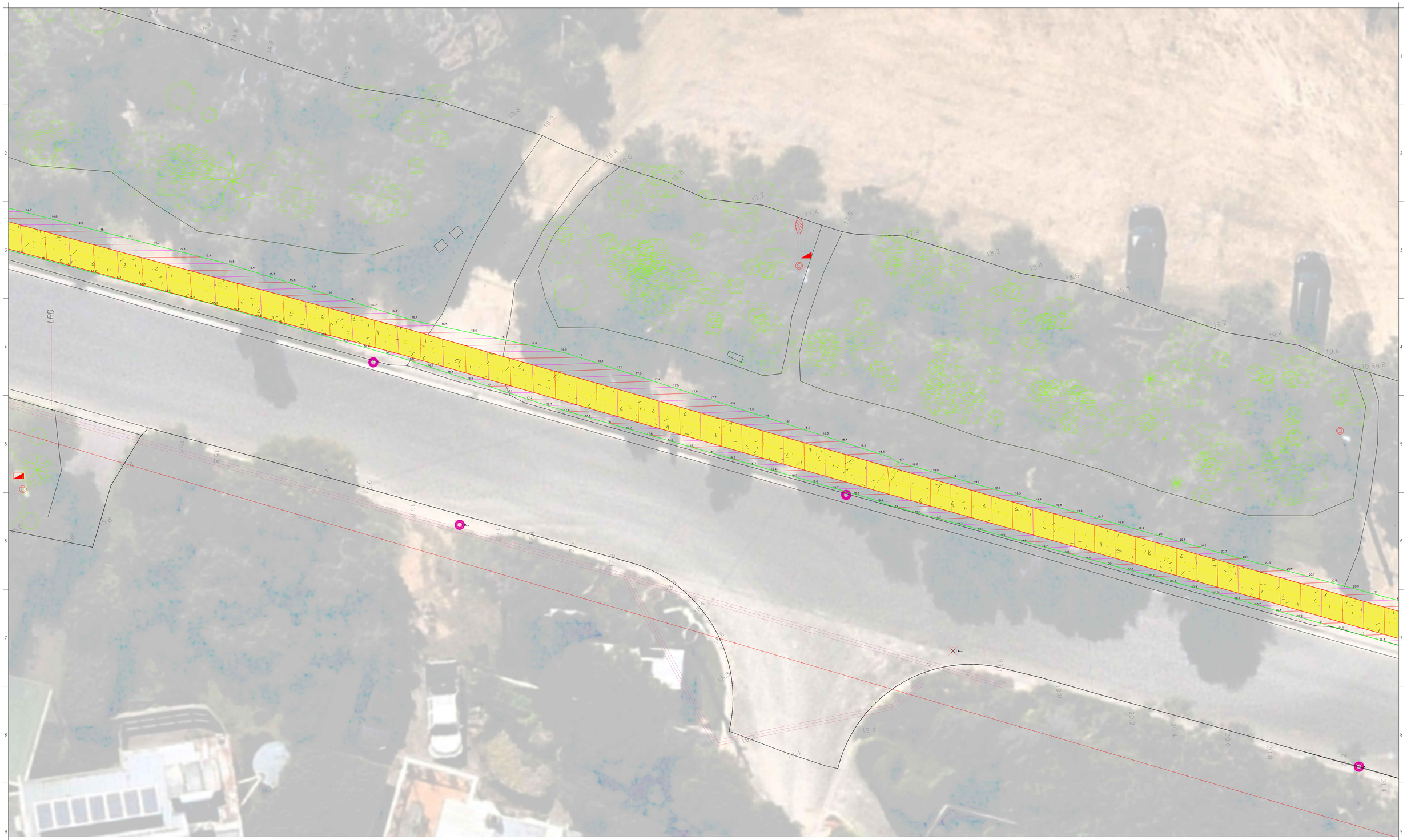
MT MARTHA CARPARK & FOOTPATH

MOUNT MARTHA

CONSTRUCTION OF CARPARK & FOOTPATH, AND REDESIGN OF WATSON RD

SHEET.LAYOUT

DATUM:	A.H.D.
SCALE AT A1:	AS SHOWN
DATE OF PLAN:	00.00.0000
MELWAYS REF:	MELWAYS
SHEET No. 00 OF 00	
PLAN REF No.	REV
18084-00	A



PRELIMINARY

LEGEND							
TELSTRA POLE	FIRE HYDRANT	EX U/GROUND ELECTRICITY CABLE	PROPOSED KERB AND CHANNEL	EXISTING HOUSE DRAIN
TELSTRA PIT	WATER STOP VALVE	EX OVERHEAD POWER CABLE	EXISTING KERB AND CHANNEL	PROPOSED PROPERTY INLET
PHONE BOX	GAS VALVE	PROPOSED WATER MAIN	TREE	
POWER POLE	SEWER MANHOLE	PROPOSED GAS MAIN	TREE TO BE REMOVED	
LIGHT POLE	EX WATER MAIN	PROPOSED U/G TELSTRA CABLE	PROPOSED DRAINAGE	
LANTERN	EX GAS MAIN	PROPOSED SEWER MAIN	EXISTING DRAINAGE	
UNDERGROUND POWER PIT	EX U/GROUND TELSTRA CABLE	PROPOSED U/G ELECTRICITY CABLE	PIT NUMBER	
FIRE PLUG	EX SEWER MAIN	PERMANENT SURVEY MARK	PROPOSED HOUSE DRAIN	

PLAN APPROVED

SIGNED _____

DEREK ROTTER
MANAGER
PROJECT DELIVERY

00/00/0000

No	DATE	BY	DRAWING REVISION DETAILS
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A	00/00/00	BY	STAGE

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PROJECT QA:	QA
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CIVIL 3D DWG:	QA
SURVEY:	SURVEYOR
DESIGN:	DESIGNER
DRAWN:	DESIGNER_NAME
CHECKED:	M NEWNHAM

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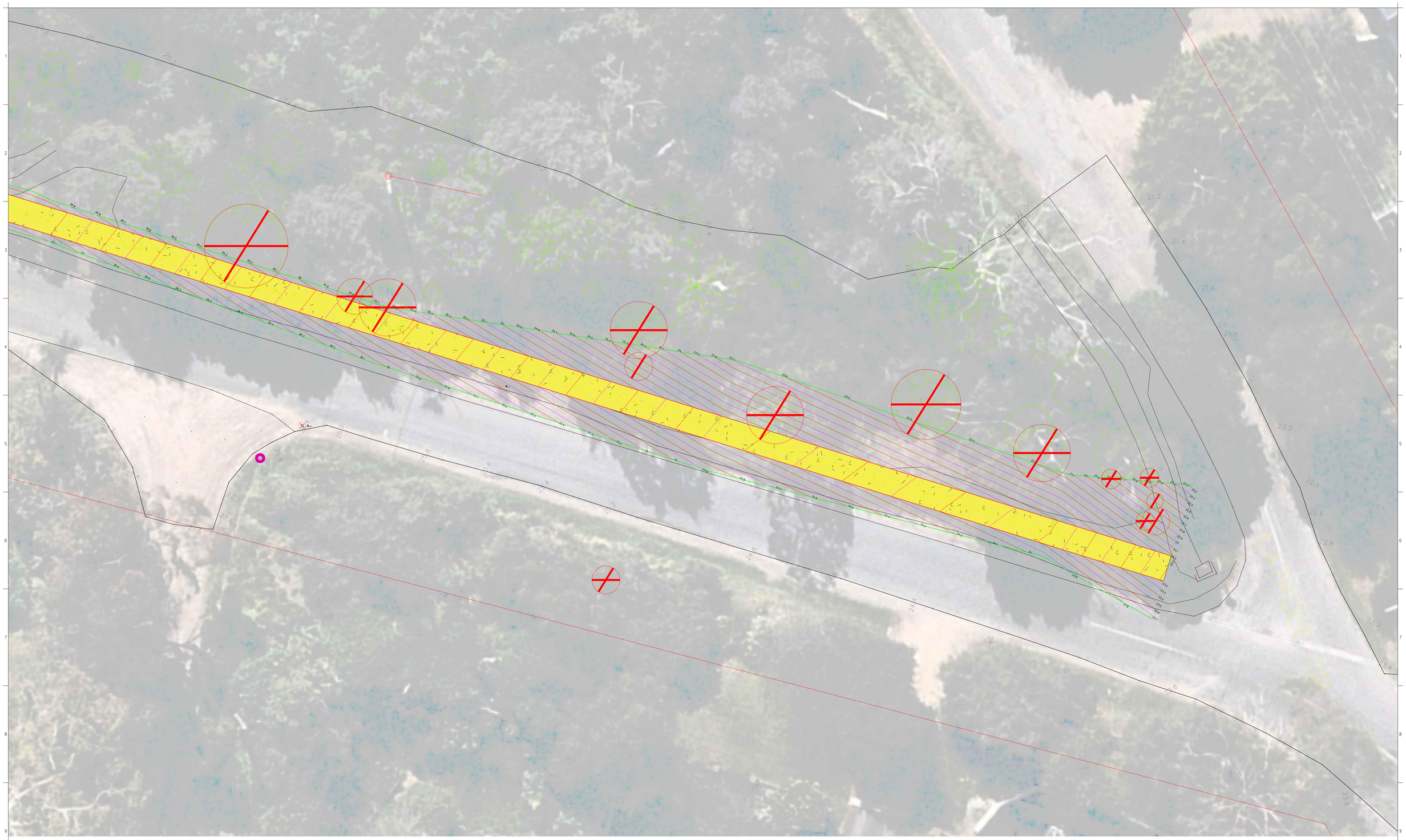
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