Chairperson Gunaikurnai Land and Waters Aboriginal Corporation 27 Scriveners Road Kalimna West Victoria 3909

Email: admin@glawac.com.au

Date: 18 February 2025

Dear Chairperson

RE: NOTICE CONCERNING WORKS ON NATIVE TITLE LANDS (RIGHT TO COMMENT AND RIGHT TO MAKE SUBMISSION) PROPOSED UPGRADE TO SALINE WASTE OUTFALL PIPELINE LOY YANG TO MCGAURANS BEACH

The Proposal

Gippsland Water proposes to replace parts of the saline waste outfall pipeline (SWOP) which runs from the Loy Yang power station to McGaurans Beach.

The pipe transfers wastewater from all Latrobe Valley power generators and is a critical asset for the national power grid.

The section proposed for replacement is 18.4km, shown in red as Stages 0, 4, 8, 10 and 11 in the attachment titled *'Construction Stages'*. These areas have been prioritised following a risk of failure assessment in 2021.

The works will replace the original mild steel with glass reinforced pipe.

The proposed time to complete works is two years.

Gippsland Water has undertaken flora and fauna surveys along with a cultural heritage management plan for the project.

Gippsland Water maintains a 20-metre buffer along the current pipeline, which mostly includes a vehicle track.

The new pipeline will be located roughly 6 metres from the existing pipeline, within the buffer.

Proposed works are to install the pipe using open trench for the majority of the alignment and boring technologies in some small areas to minimise the impact on significant flora and fauna areas.

Any personal information about you or a third party in your correspondence will be protected under the provisions of the *Privacy and Data Protection Act 2014*. It will only be used or disclosed to appropriate Ministerial, Statutory Authority, or departmental staff in regard to the purpose for which it was provided, unless required or authorized by law. Enquiries about access to information about you held by the Department should be directed to foi.unit@delwp.vic.gov.au or FOI Unit, Department of Energy, Environment and Climate Action, PO Box 500, East Melbourne, Victoria 8002..



Privacy Statement

In some areas however, such as Monkey Creek (in stage 4) the geology is unsuitable for supporting boring technologies, and a bore and would collapse. In these areas, to minimise the impact to the surrounding habitat, Gippsland Water plans to construct the new pipe within the track in a way that will only cause disturbance to the existing track.

The proposed works will impact on some Crown land where the Federal Court determined that native title is extinguished, and other Crown land where native title exists.

In respect to the land where native title exists, the proposed works are a valid future act in separate parts under s.24 JA and s.24 KA of the *Native Title Act 199*3.

The location of the area subject to proposal is outlined in the following attachments:

- Cadastral plan featuring the existing pipeline alignment (originally created for Order in Council purposes).
- Attachment titled 'Construction Stages'
- Site photo (near Monkey Creek)
- Spreadsheet of all parcels impacted



Description of Native Title Land and Waters Affected

Crown	Section (if	Parish	Reservation status	Subdivision of Section 24 of the Native Title Act 1993
Allotment	applicable)			under which the works are a valid future act
2097		Loy Yang	Unreserved	Subdivision KA
2098		Loy Yang	Unreserved	Subdivision KA
52B		Tong Bong	Permanently reserved for public purposes, by	Subdivision JA
			Order in Council dated 23 May 1881, published	
			in the Government Gazette of 1881 page 1389.	
14B		Tong Bong	Permanently reserved for public purposes, by	Subdivision JA
			Order in Council dated 23 May 1881, published	
			in the Government Gazette of 1881 page 1389.	
51E		Tong Bong	Unreserved	Subdivision KA
51F		Tong Bong	Unreserved	Subdivision KA
26J	В	Stradbroke	Unreserved	Subdivision KA
26E	В	Stradbroke	Permanently reserved for preservation of	Subdivision KA
			species of native plants and animals, by Order	
			in Council dated 3 February 1993, published in	
			the Government Gazette dated 4 February	
			1993 page 234	
26K	В	Stradbroke	Unreserved	Subdivision KA
67B	А	Stradbroke	Unreserved	Subdivision KA

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Seeking Your Comments

For parcels where Subdivision J applies:

The *Native Title Act 1993* (NTA) requires DEECA to consult and seek comments from the Traditional Owners of Native Title lands and incorporate appropriate conditions into consent to use and develop the land.

We understand that the proponent may also be obliged under Cultural Heritage legislation to contact the Gunaikurnai RAP body concerning this project and we will advise them of those responsibilities as a matter of standard process. However, if you would also like DEECA to raise some specific conditions on cultural heritage protection matters in the exercise of your native title right to protect cultural heritage as part of this formal commentary and approvals process, we will be happy to do so at your direction.

Further, your comments on how this proposal might affect your other native title rights and interests, and how that can be managed or addressed as part of this approvals process are also keenly sought.

These recognised rights and interests include the:

- right to have access to or enter and remain on the land and waters;
- right to use and enjoy the land and waters;
- right to take the resources of the land and waters for the purposes of satisfying personal, domestic or communal needs, but not for any commercial purposes;
- right to protect and maintain places and areas on the land and waters which are of importance according to Gunaikurnai traditional laws and customs;
- right to camp
- right to engage in cultural activities;
- right to engage in rituals and ceremonies;
- right to hold meetings and gatherings;
- right to teaching and learning about the physical, spiritual and cultural attributes of places and areas of importance.

Please note that the 'non-extinguishment' principle applies to these works and your native title rights will continue to exist over the site.

The Department intends to advise the proponent that the project can proceed after 40 days from the date of this notification have elapsed.

OFFICIAL

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of the Privacy and Data Protection Act 2014. It will only be used or disclosed to appropriate Ministerial, Statutory
Authority, or departmental staff in regard to the purpose for which it was provided, unless required or authorized by
law. Enquiries about access to information about you held by the Department should be directed to
foi.unit@delwp.vic.gov.au or FOI Unit, Department of Energy, Environment and Climate Action, PO Box 500,
East Melbourne, Victoria 8002.

Seeking Your Submissions

For parcels where Subdivision K applies:

The *Native Title Act 1993* (NTA) requires DEECA to consult and seek submissions from the Traditional Owners of Native Title lands and incorporate appropriate conditions into consent to use and develop the land and if required, facilitate a six month period of 'good faith' negotiations between the parties to reach a mutual agreement. Further detail on the Submissions process is attached to this notice.

We understand that the proponent may also be obliged under Cultural Heritage legislation to contact the Gunaikurnai RAP body concerning this project and we will advise them of those responsibilities as a matter of standard process. However, if you would also like DEECA to raise some specific conditions on cultural heritage protection matters in the exercise of native title right to protect cultural heritage as part of this formal commentary and approvals process, we will be happy to do so at your direction.

Further, your comments on how this proposal might affect other native title rights and interests that may exist, and how that can be managed or addressed as part of this approvals process are also keenly sought.

Please note that the 'non-extinguishment' principle applies to these works.

The Department intends to advise the proponent that the project can proceed after 40 days from the date of this notification have elapsed.

We would appreciate the opportunity to discuss this proposal however in the meantime please contact me via the following details:

Will Hoban LBE Program Officer, Gippsland Department of Energy, Environment and Climate Action 71 Hotham Street Traralgon, Victoria, 3844

Email: <u>william.hoban@deeca.vic.gov.au</u> Phone: 0436 616 650

Legislative Basis for this Notice

For some parcels as indicated in the above table, the proposed activity is a valid future act pursuant to Section 24 JA of the *Native Title Act 1993*.

Subdivision J of the *Native Title Act 1993* (NTA) allows for acts to be carried out on reserves provided that the act is in good faith with the purpose of the reservation. Where the act involves the construction of a public work, it is necessary that formal procedural notice be given to any Body Corporate and to any registered Representative Body.

This notice is also prepared and issued cognisant of the agreed terms outlined in Section 7.3 of the Indigenous Land Use Agreement between the State of Victoria and the Gunaikurnai Land and Waters Aboriginal Corporation dated 22 October 2010 and registered with the National Native Title Tribunal on 8 February 2011.



The proposed works are to be carried out over land that was validly reserved prior to 23/12/96. The future act is in accordance with the purpose of the reservation for public purposes.

The non-extinguishment principle applies.

For some parcels as indicated in the above table, the proposed activity is a valid future act pursuant to Section 24 KA of the *Native Title Act 1993*.

Subdivision K of the *Native Title Act 1993* (NTA) allows for acts to be carried out that constitute the construction, operation, use, maintenance or repair of facilities for service to the public specifically listed in section 24KA(2) of the Native Title Act 1993.

In this case the work, being the repair of a wastewater pipeline, constitutes a drainage facility or other device for management of water flows, and is listed in Section 24KA(2)(i). The future act is being undertaken by Gippsland Water as a Statutory Authority appointed by the Crown.

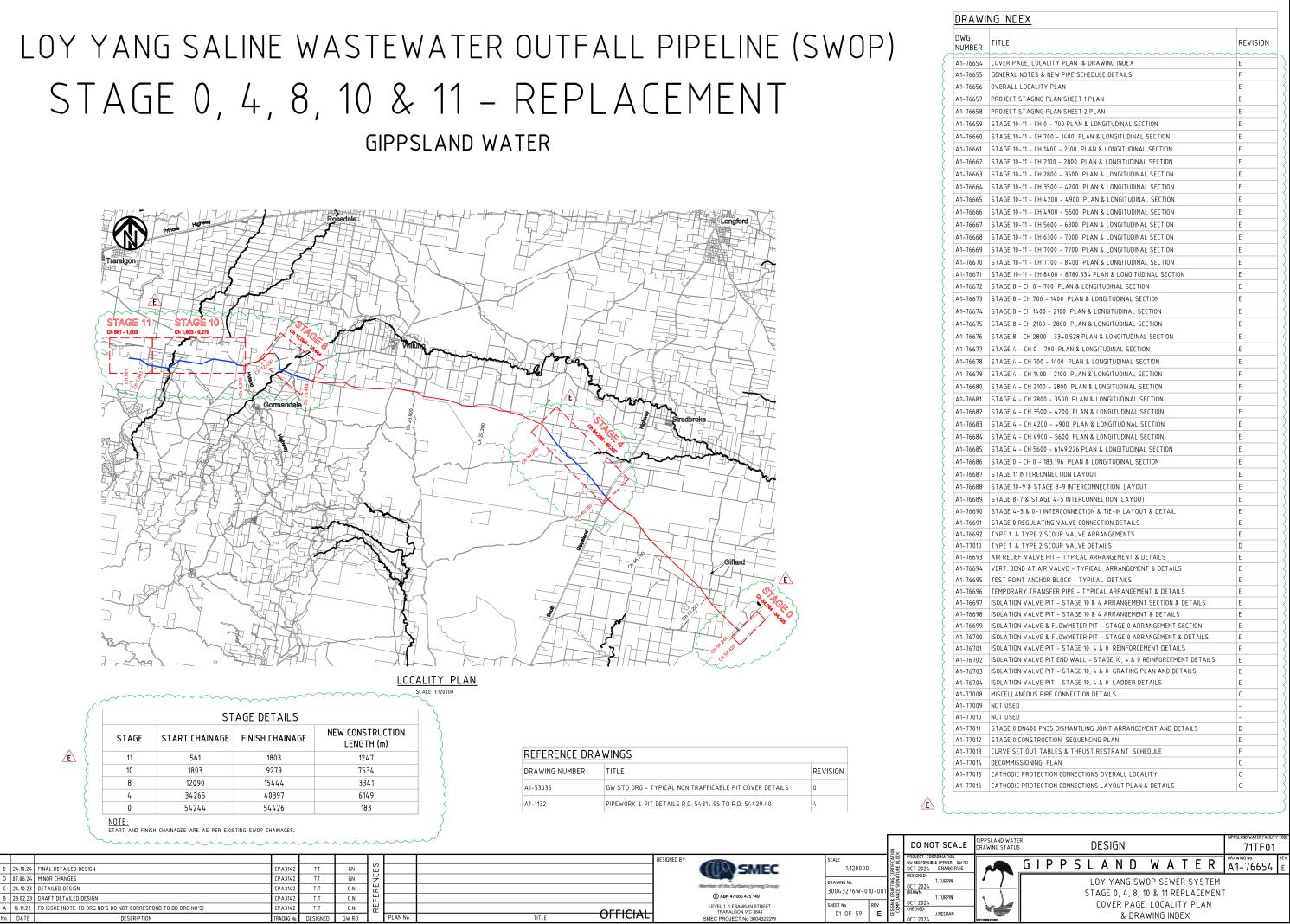
The non-extinguishment principle applies.

Withen Holen

Will Hoban LBE Program Officer, Gippsland Department of Energy, Environment and Climate Action

Date of Notice: 18 February 2025





TITLE	REVISION
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STAGE 10-11 - CH 700 - 1400 PLAN & LONGITUDINAL SECTION	E
STAGE 10-11 - CH 1400 - 2100 PLAN & LONGITUDINAL SECTION	E
STAGE 10-11 - CH 2100 - 2800 PLAN & LONGITUDINAL SECTION	E
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STAGE 10-11 - CH 6300 - 7000 PLAN & LONGITUDINAL SECTION	E
STAGE 10-11 - CH 7000 - 7700 PLAN & LONGITUDINAL SECTION	E
STAGE 10-11 - CH 7700 - 8400 PLAN & LONGITUDINAL SECTION	E
STAGE 10-11 - CH 8400 - 8780.834 PLAN & LONGITUDINAL SECTION	E
STAGE 8 - CH 0 - 700 PLAN & LONGITUDINAL SECTION	E
STAGE 8 - CH 700 - 1400 PLAN & LONGITUDINAL SECTION	E
STAGE 8 - CH 1400 - 2100 PLAN & LONGITUDINAL SECTION	E
STAGE 8 - CH 2100 - 2800 PLAN & LONGITUDINAL SECTION	E
STAGE 8 - CH 2800 - 3340.528 PLAN & LONGITUDINAL SECTION	E
STAGE 4 - CH 0 - 700 PLAN & LONGITUDINAL SECTION	E
STAGE 4 - CH 700 - 1400 PLAN & LONGITUDINAL SECTION	E
STAGE 4 - CH 1400 - 2100 PLAN & LONGITUDINAL SECTION	F
STAGE 4 - CH 2100 - 2800 PLAN & LONGITUDINAL SECTION	F
STAGE 4 - CH 2800 - 3500 PLAN & LONGITUDINAL SECTION	E
STAGE 4 - CH 3500 - 4200 PLAN & LONGITUDINAL SECTION	F
STAGE 4 - CH 4200 - 4900 PLAN & LONGITUDINAL SECTION	E
STAGE 4 - CH 4900 - 5600 PLAN & LONGITUDINAL SECTION	E
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TYPE 1 & TYPE 2 SCOUR VALVE ARRANGERIANS	D
AIR RELIEF VALVE PIT - TYPICAL ARRANGEMENT & DETAILS	E
VERT. BEND AT AIR VALVE - TYPICAL ARRANGEMENT & DETAILS	E
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ISOLATION VALVE PIT END WALL - STAGE 10, 4 & 0 REINFORCEMENT DETAILS	E
ISOLATION VALVE PIT - STAGE 10, 4 & 0 GRATING PLAN AND DETAILS	E
ISOLATION VALVE PIT - STAGE 10, 4 & 0 LADDER DETAILS	E
MISCELLANEOUS PIPE CONNECTION DETAILS	С
NOT USED	-
NOT USED	-
STAGE 0 DN400 PN35 DISMANTLING JOINT ARRANGEMENT AND DETAILS	D
STAGE 0 CONSTRUCTION SEQUENCING PLAN	E
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CURVE SET OUT TABLES & THRUST RESTRAINT SCHEDULE	r
CURVE SET OUT TABLES & THRUST RESTRAINT SCHEDULE DECOMMISSIONING PLAN CATHODIC PROTECTION CONNECTIONS OVERALL LOCALITY	C C

NOTES

GENERAL

- READ THESE NOTES IN CONJUNCTION WITH OTHER ENGINEERING DRAWINGS AND SPECIFICATIONS. AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED. IN CASE OF DISCREPANCY, PRECEDENCE IS GIVEN TO THE DRAWINGS, THEN THE SPECIFICATION, THEN THE NOTES. REFER ANY DISCREPANCY TO THE SUPERINTENDENT BEFORE PROCEEDING WITH THE WORK
- WATER SERVICES ASSOCIATION CODE WSA-03 2011 MRWA EDITION SHALL BE READ IN CONJUNCTION WITH GIPPSLAND WATER ADDENDUM TO THE WATER INDUSTRY TECHNICAL STANDARDS AND NATIONAL CODES OF PRACTICE
- ALL DIMENSIONS & LEVELS CONTROLLED BY OR RELATED TO EXISTING STRUCTURES SHALL BE VERIFIED BY THE
- CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL LEVELS ARE IN METRES TO AUSTRALIAN HEIGHT DATUM.
- ALL MEASUREMENTS HAVE BEEN DERIVED FROM EXISTING FIELD NOTES, SITE SURVEY OR DETAILED PLANS.
- COORDINATE DATUM IS MGA.
- SURFACE LEVELS HAVE BEEN DERIVED FROM AVAILABLE TOPOGRAPHICAL INFORMATION. ALL LEVELS SHALL BE VERIFIED USING SURVEY DATUM POINTS.
- UNDER NO CIRCUMSTANCES SHALL DIMENSIONS BE SCALED OFF DRAWINGS. ANY DISCREPANCIES IN THE DRAWINGS SHALL BE REFERRED FOR DECISION TO THE SUPERINTENDENT.

PIPELINE CONSTRUCTION

- ALL PIPE NOMINAL DIAMETERS (DN) EXPRESSED IN MILLIMETRES
- USE DN600 GRP SN5000 PIPES TO AS4020 FOR OPEN TRENCHED SECTIONS. USE DN800 HDPE PIPE TO AS/NZS4130:2009 AS PER PIPE SCHEDULE FOR BORED SECTIONS
- ALL TRENCH EMBEDMENT AND BACKELL DIMENSIONS AS PER DESIGN DETAILS
- CURVED GRP PIPE DEFLECTIONS SHALL BE CONSTRUCTED AS PER THE IPLEX DESIGN GUIDE. 12
- ALL DUCTILE IRON FITTINGS ON MAINS TO BE PN35, FBE COATED DI TO AS/NZS2280:2014. 13
- ALL PIPE FLANGES AND GASKETS SHALL COMPLY WITH AS /NZS 4087-2011 PN3
- 15. ALL PIPE FLANGES TO BE ORIENTATED AS PER AS/NZS 4087:2011 CLAUSE 4.1.6.
- MINIMUM PIPE COVER AS DER RIDE COVER TABLE
- ALL METALLIC FASTENERS TO BE GRADE 316 ISO3506 CLASS 80 STAINLESS STEEL OR EQUIVALENT
- NOT USED
- 19. ALL HDPE PIPE TO BE BUTT WELDED UNLESS OTHERWISE DEPICTED ON DRAWINGS OR AS APPROVED BY THE SUPERINTENDENT.
- DIEL TO HOPE CONNECTIONS TO HAVE FIBRE GASKETS, DIEL TO DIEL CONNECTIONS TO HAVE EPDM GASKETS, SS TO GRP TO HAVE COMPRESSED FIBRE GASKETS. F INSULATING GASKETS, BOLT SLEEVES AND WASHERS TO PROVIDE ELECTRICAL ISOLATION BETWEEN DISSIMILAR 21
- METALS.
- 22. REFER TO THE THRUST RESTRAINT SCHEDULE. CONSTRUCT CONCRETE THRUST RESTRAINTS AS PER DESIGN DRAWINGS.
- CONNECTION OF ≥ DN100 OFFTAKES TO EXISTING MAINS SHALL BE AS INDICATED IN THE DESIGN DRAWINGS 23 24. UNLESS NOTER OTHERWISE ALL VALVES TO HAVE VALVE SURROUNDS, PVC SHROUDS & VALVE EXTENSION SPINDLES
- IF REQUIRED DUE TO DEPTH. VALVE SURROUNDS TO BE IN ACCORDANCE WITH THE 'GIPPSLAND WATER SUPPLEMENT TO WSA 03-2011 MRWA EDITION' AND 'GIPPSLAND WATER COLOUR STANDARD FOR PIPE, PIPE WRAPPINGS, DETECTABLE PIPE MARKER TAPE AND VALVE SURROUNDS' (COR/15/34922)
- 25. ALL BUTTERFLY VALVES TO BE CLOCKWISE CLOSING, INCLUDE GEARBOX AND POSITION INDICATORS. BUTTERFLY VALVES TO BE EBRO ARMATUREN F012-A PN25 (PN35 STAGE 0).
- 26. AIR VALVES & SCOUR VALVES TO BE CONSTRUCTED AS PER DESIGN DRAWINGS A1-76692 & A1-76693.

EARTHWORKS AN<u>D BACKFILI</u>

- 27. UNDER ROAD PAVEMENTS, DRIVEWAYS & ACCESS TRACKS (WHERE INDICATED TYPE 1) 20mm NOMINAL SIZE CRUSHED ROCK BACKFILL MUST BE USED. ROCK TO BE COMPACTED TO NOT LESS THAN 98.0% RELATIVE DENSITY AS DETERMINED IN AS1289511
- 28. EMBEDMENT SHALL BE PLACED AS PER DRAWINGS MRWA
- COMPACTION TRIALS AND COMPACTION TESTING SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE MRWA BACKFILL 29 SPECIFICATION MRWA 04.03.2.
- 30. TRENCH DETAILS AND LAYOUT SHALL BE AS PER THE DETAILS SHOWN (TYPICAL TRENCH DETAILS FOR TRAFFICABLE AND NON-TRAFFICABLE AREAS).
- TRENCHSTOPS AS PER MRWA-W-208
- MANAGEMENT & CONSERVATION OF TOPSOIL AND CLEARED VEGETATION AND UTILISATION OF ON-SITE TOPSOIL & GRASS WON DURING CONSTRUCTION SHALL COMPLY WITH AS4419.
- 33. MANAGEMENT OF EXCESS SITE WON FILL & SPOIL FROM DRILLING OPERATIONS TO COMPLY WITH THE GIPPSLAND WATER SPECIFICATION, CONTAMINATED SOIL TESTING REQUIREMENTS AND CURRENT EPA REGULATIONS.

TESTING

- 34. PRESSURE TESTING AND SWABBING OF PIPELINES MUST BE IN ACCORDANCE WITH THE GIPPSLAND WATER SWABBING SUPPLEMENT, AND ONLY UNDER DIRECT SUPERVISION OF GIPPSLAND WATER. A MINIMUM OF 48 HOURS NOTICE OF THE PROPOSED TESTING MUST BE GIVEN PRIOR TO TESTING.
- 35. ALL NEW MAINS TO PASS A BACTERIOLOGICAL TEST FOLLOWING SATISFACTORY COMPLETION OF SWABBING/FLUSHING AND PRESSURE TESTING.

ATTENTION TO CONTRACTOR

FINAL DETAILED DESIGN

FD ISSUE (NOTE: FD DRG NO'S DO NOT CORRESPOND TO DD DRG NO'S)

DESCRIPTION

MINOR CHANGES

MINOR CHANGES

DETAILED DESIGN

23.02.23 DRAFT DETAILED DESIGN

4.10.24

07.06.24

21.11.23

24.10.23

16.11.22

No. DATE

- 36. TO RECEIVE THE MOST UP TO DATE INFORMATION PRIOR TO CONSTRUCTION "DIAL BEFORE YOU DIG" SHALL BE UNDERTAKEN TO AID IN THE LOCATION OF OTHER SERVICES. OTHER SERVICES SHALL BE CAREFULLY LOCATED PRIOR TO FULL EXCAVATION AT THE CONTRACTOR'S COST. ANY CLASHES OF PROPOSED NEW WORKS WITH OTHER ASSETS SHALL BE REPORTED TO THE SUPERINTENDENT IMMEDIATELY FOR CLARIFICATION.
- 37. CONTRACTOR IS DIRECTLY RESPONSIBLE FOR THE SETOUT. SHOULD ACTUAL SITE CONDITIONS CONFLICT IN ANY WAY WITH THAT DOCUMENTED, THE CONTRACTOR MUST NOTIFY THE SUPERINTENDENT FOR CLARIFICATION BEFORE PROCEEDING
- 38. THE CONTRACTOR SHALL VERIFY THE SET OUT AND DIMENSIONS ONSITE. VERTICAL AND HORIZONTAL ALIGNMENTS SHALL BE CHECKED INCLUDING QUANTITY, TYPE & DEFLECTION OF ALL MATERIALS, FITTINGS AND FITMENTS PRIOR TO ORDERING. ANY DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR CLARIFICATION AND DIRECTION.
- DURING CONSTRUCTION ALL STRUCTURES AND EXISTING SERVICES SHALL BE MAINTAINED IN A SAFE AND STABLE 39 CONDITION. THE CONTRACTOR SHALL ENSURE THAT NO PART OF ANY STRUCTURE OR SERVICE WILL BE OVERSTRESSED AS A RESULT OF THE CONSTRUCTION PROCEDURE.
- 40. NON-DESTRUCTIVE DIGGING METHODS MUST BE USED TO LOCATE ALL SERVICES AT ALL CROSSING POINTS AND AT PARALLEL INTERVALS
- 41. OFFSETS SHOWN ON THE DRAWINGS ARE INDICATIVE ONLY AND SHOULD NOT BE USED FOR SET OUT PURPOSES. ALL WORK SHALL BE SET OUT USING CO-ORDINATES GIVEN.

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A1-76654

PLAN No

G.N

- 42. THE PROJECT AREA CONTAINS HAZARDOUS SERVICES AND OBSTRUCTIONS. PRIOR TO COMMENCEMENT OF THE WORKS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE LOCATION AND LEVEL OF ALL OBSTRUCTIONS AND UNDERGROUND SERVICES IN THE VICINITY OF THE PROPOSED WORKS INCLUDING CONTACTING DIAL BEFORE YOU DIG. 43. OBTAIN NECESSARY PERMITS AND APPROVALS FROM RELEVANT AUTHORITIES BEFORE COMMENCING WORK ON SITE.
- 44 NOT USED
- 45. SURVEY AND SETTING OUT TO BE THE RESPONSIBILITY OF CONTRACTOR
- 46. ALL CODES REFERRED TO ARE THOSE CURRENT (AS AMENDED) AT COMMENCEMENT OF CONTRACT U.N.O.
- 47. HAVE TESTING PERFORMED BY AN INDEPENDENT NATA (NATIONAL ASSOCIATION OF TESTING AUTHORITIES) ACCREDITED AUTHORITY, AND PROVIDE TEST REPORTS TO THE SUPERINTENDENT
- 48. BUILD, FABRICATE AND PROCURE ONLY FROM DRAWINGS 'ISSUED FOR CONSTRUCTION'
- 49. CONTRACTOR TO ENSURE THE REINSTATEMENT OF ROADWAYS SURFACES, DRIVEWAYS, FOOTPATHS, ACCESS WAYS AND KERB & CHANNEL (SEALED, CONCRETE & GRAVEL) MEET THE STANDARDS OF THE INDUSTRY DESIGN MANUAL (IDM) AND SATISFY THE REQUIREMENTS OF GIPPSLAND WATER

DECOMMISSIONING

- 50. ALL REDUNDANT PIPES TO BE DRAINED OF ALL FLUIDS AND ALL OPENINGS CAPPED USING SUITABLE METHODS i.e. STEEL FLANGES FOR AIR VALVE REMOVAL OR CEMENT FOR OPEN PIPING TO THE SUPERVISORS SATISFACTION.
- REMOVAL OF ASBESTOS CONTAINING MATERIAL (ACM) TO BE IN ACCORDANCE WITH GIPPSLAND WATER SPECIFICATIONS. 51 REMOVAL BY ACCREDITED ASBESTOS REMOVER ONLY.
- 52. VALVES TO BE REMOVED AND RETURNED TO GIPPSLAND WATER (IF REQUIRED).
- 53. VALVE COVER SURROUNDS TO BE REMOVED, PVC SHROUDS TO BE DEMOLISHED TO 600MM BELOW GROUND, BACKFILLED WITH SUITABLE MATERIAL AND MADE GOOD

HORIZONTAL & VERTICAL CLEARANCE TABLE				
EXISTING OR PROPOSED SERVICE	MINIMUM VERTICAL CLEARANCE (mm)	MINIMUM HORIZONTAL CLEARANCE (mm)		
WATER MAINS <u>s</u> DN375	150	REFER MRWA-W-202		
WATER MAINS >DN375	300	REFER MRWA-W-202		
GAS MAINS *	150	REFER MRWA-W-202		
GAS MAINS HP (APA) BORED BENEATH	1000	3000		
GAS MAINS HP (APA) OPEN TRENCH ABOVE	500	1000		
STORMWATER DRAINS & PITS	150	600		
TELECOMMUNICATIONS CONDUITS & CABLES *	150	600		
ELECTRICITY CONDUITS & CABLES *	225	1000		
SEWERS - GRAVITY	500	1000 / 600		
KERBS	REFER MRWA-W-202	AS PER MIN COVER		

* CLEARANCES TO BE APPROVED BY ASSET OWNER

- VERTICAL CLEARANCE BETWEEN WATER MAINS SHALL DEPEND ON THE LARGER MAIN DIAMETER
- MAINTAIN ADDITIONAL CLEARANCE FROM HIGH VOLTAGE ELECTRICAL CABLES TO ALLOW FOR A PROTECTIVE BARRIER AND MARKING.
- WHERE A PARALLEL SEWER IS AT THE MINIMUM VERTICAL CLEARANCE LOWER THAN THE WATER MAIN (500mm), MAINTAIN A MINIMUM HORIZONTAL CLEARANCE OF 1000mm. THIS MINIMUM HORIZONTAL CLEARANCE CAN BE PROGRESSIVELY REDUCED TO 600mm AS THE VERTICAL CLEARANCE IS INCREASED TO 750mm

	TRENCH MAT	ERIAL & BACKFILL DETAILS	
	TYPE '1'	TYPE '2'	TYPE '3'
ZONE	VEHICLE LOADING	NO VEHICLE LOADING	
REINSTATEMENT	SURFACE COURSE TO MATCH EXISTING. ORIGINAL OR IMPORTED PAVEMENT MATERIAL TO MATCH EXISTING (TYPICALLY CLASS 2 CRUSHED ROCK)	ORIGINAL OR IMPORTED TOPSOIL MATERIAL TO MATCH EXISTING.	ORIGINAL OR IMPORTED TOPSOIL MATERIAL TO MATCH EXISTING.
BACKFILL	CLASS 2 CRUSHED ROCK IN 200mm THICKNESS LAYERS COMPACTED TO AT LEAST 98% MODIFIED DRY DENSITY RATIO. WSA PS 353	RE-USE EXISTING TRENCHED FILL MATERIAL IN 300mm THICKNESS LAYERS COMPACTED TO 90% OF STANDARD MAXIMUM DRY DENSITY RATIO. MAXIMUM STONE SIZE 75mm.	RE-USE EXISTING TRENCHED FILL MATERI IN 300mm THICKNESS LAYERS COMPACTE TO 90% OF STANDARD MAXIMUM DRY DENSITY RATIO. MAXIMUM STONE SIZE 75m
EMBEDMENT	BEDDING SAND WITH NO MORE THAN 5% FINES (MAXIMUM 2.36mm CRUSHED ROCK) WSA PS 360	BEDDING SAND WITH NO MORE THAN 5% FINES (MAXIMUM 2.36mm CRUSHED ROCK) WSA PS 360	3% CEMENT TREATED CLASS 3 FCR 20mm MAX PARTICLE SIZE MODULES (WET) MPa =10

DESIGNED BY

OFFICIAL

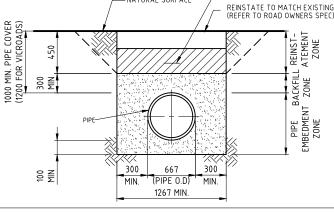
IN LINE WITH WSA 02-2002 PS 360 and 353



BEWARE OF UNDERGROUND, ABOVE GROUND & OVERHEAD SERVICES THE LOCATIONS OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL



OVER PAGE. LOCALITY PLAN & DRAWING INDEX



-NATURAL SURFACE



SMEC

C ABN 47 065 475 149

SMILEOPRICIECTINA 30043

LEVEL 1, 1 FRANKLIN STREET TRARALGON VIC 3844

DO NOT SCALE RESPONSIBLE OFFICER - GW F G.NANKERVIS DESIGNED T.TURPIN RAWING No. OCT 2024 DRAWN: 0043276W-010-0 T. TURPIN OCT 2024 CHECKED: HEET No. 02 OF 59 J.MEEHAN

DETECTABLE MARKER TAPE

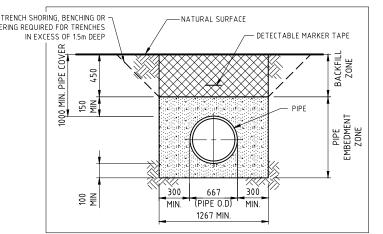


* UNLESS NOTED

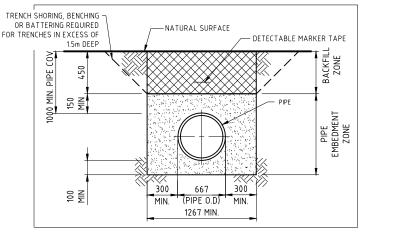
	<u>NEW</u>	<u>PIPE SCHEDULE</u>		
		STAGE 11		
SIZE (DN)	TYPE/MATERIAL	REFERENCE	CLASS	LENGTH (m)
600	GRP, SN5000	WSA-PS-205	PN25	1247
		STAGE 10		
SIZE (DN)	TYPE/MATERIAL	REFERENCE	CLASS	LENGTH (m)
800	PE100	WSA-PS-207	PN25 SDR7.4	218
600	GRP, SN5000	WSA-PS-205	PN25	7316
		STAGE 8	(
SIZE (DN)	TYPE/MATERIAL	REFERENCE	CLASS (LENGTH (m)
800	PE100	WSA-PS-207	PN25 SDR7.4	346
600	GRP, SN5000	WSA-PS-205	PN25	2995
		STAGE 4	(
SIZE (DN)	TYPE/MATERIAL	REFERENCE	CLASS (LENGTH (m)
800	PE100	WSA-PS-207	PN25 SDR7.4	170
600	GRP, SN5000	WSA-PS-205	PN25	5980
		STAGE 0	(·····
SIZE (DN)	TYPE/MATERIAL	REFERENCE	CLASS	LENGTH (m)
600	GRP, SN5000	WSA-PS-205	PN32	183

BATTERING REQUIRED FOR TRENCHES IN EXCESS OF 1.5m DEEP

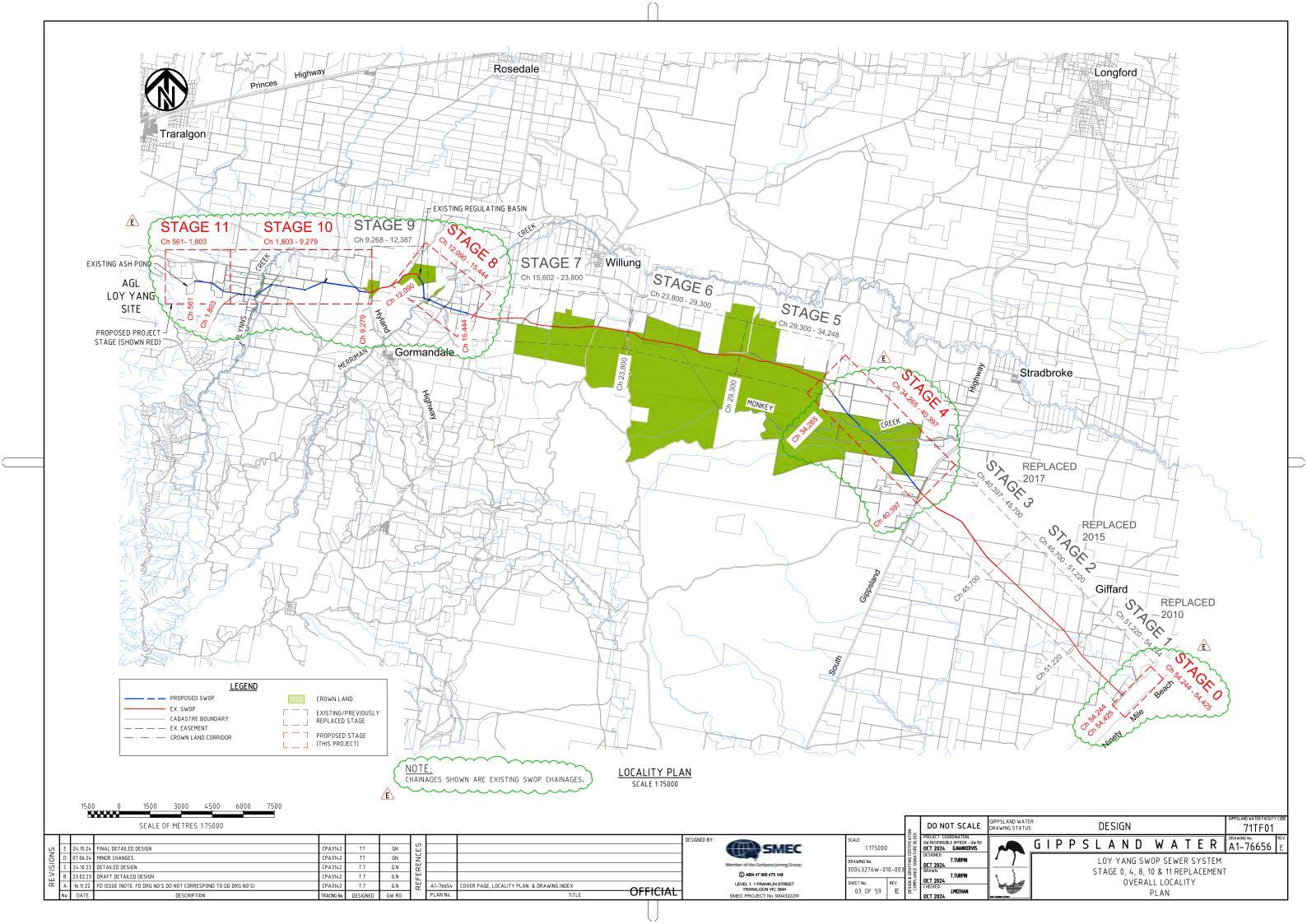
DVER	STAGE	DESIGN HEAD (INCLUDING 20m SURGE)	SYSTEM TEST PRESSURE
MINIMUM COVER	11	140m	2500kPa
1200mm	10	180 m	2500kPa
1000mm *	8	128m	2500kPa
	4	185m	2500kPa
OTHERWISE	0	255m	2500kPa

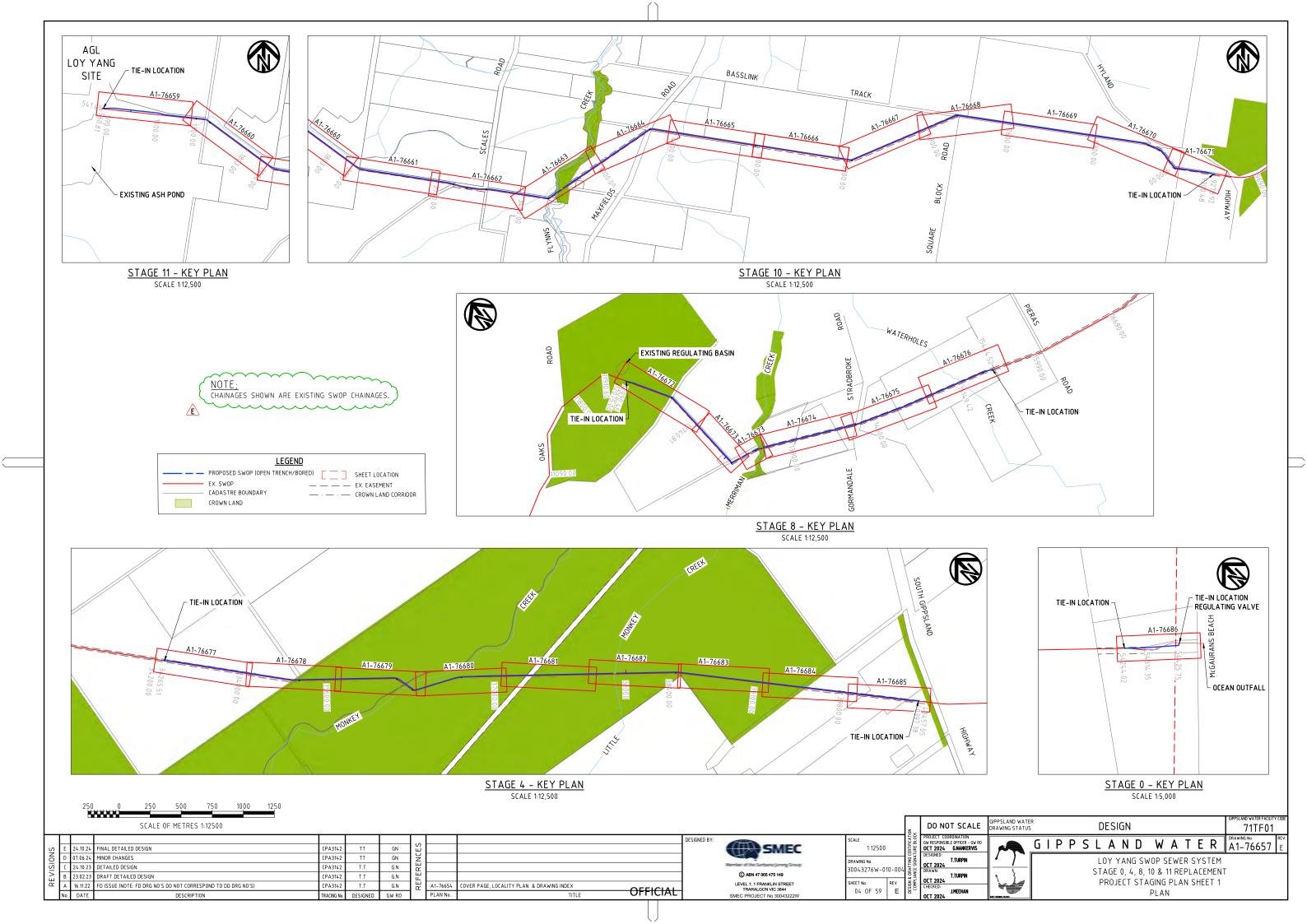


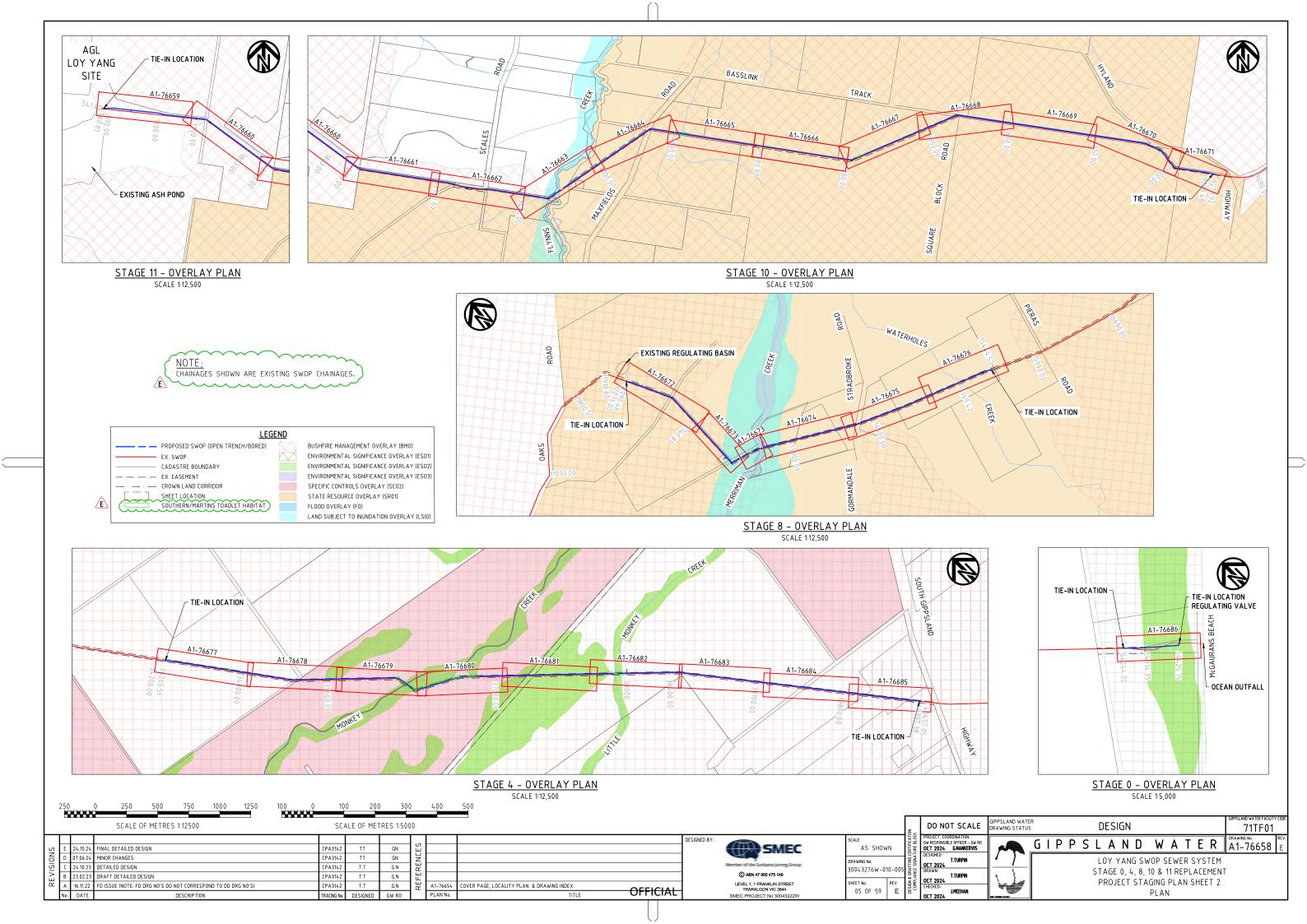


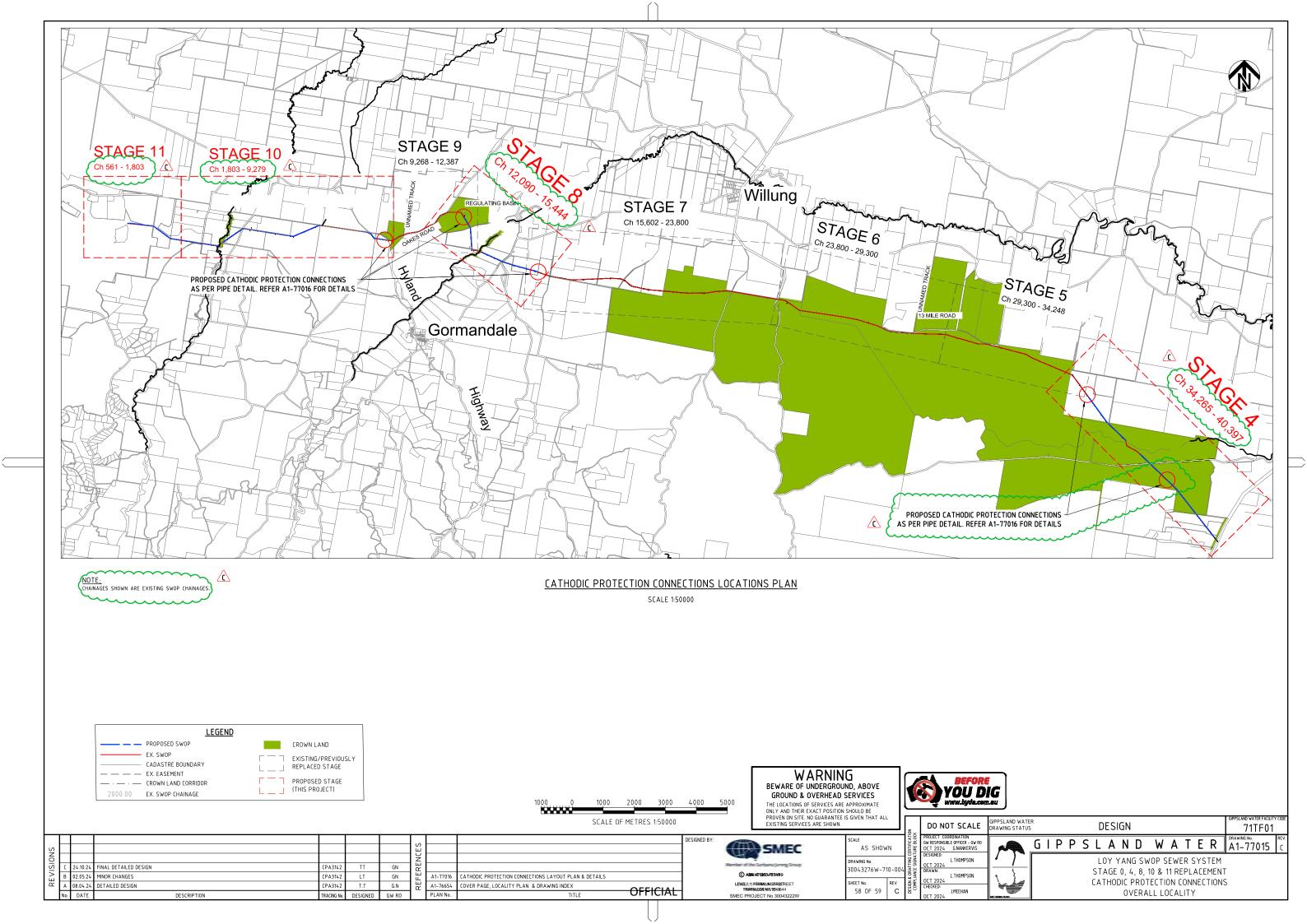


TYPE 2 - TYPICAL TRENCH DETAIL FOR NON-TRAFFICABLE AREAS SCALE: N.T.S SIPPSLAND WATER DRAWING STATUS DESIGN 71TF01 GIPPSLAND WATER A1-76655 LOY YANG SWOP SEWER SYSTEM STAGE 0, 4, 8, 10 & 11 REPLACEMENT GENERAL NOTES & NEW PIPE SCHEDULE DETAILS









Victoria Government Gazette

3851

No. 111-December 13, 1978

Water Act 1958 STATE RIVERS AND WATER SUPPLY COMMISSION

At the Executive Council Chamber, Melbourne, the fifth day of December, 1978

PRESENT:

His	Excellency	the	Governor of Victoria
	Rafferty Storey		Mr. Dixon Mr. Austin

DECLARATION OF WERRIBEE WEST DRAINAGE AND FLOOD MITIGATION PROPOSAL AS AN APPROVED SCHEME FOR THE PURPOSES OF DIVISION 8 OF PART XXI. OF THE LOCAL GOVERNMENT ACT 1958

PART XXI. OF THE LOCAL GOVERNMENT ACT 1958 Whereas section 33e (a) of the Water Act provides that where the State Rivers and Water Supply Commission (hereinafter referred to as "the Commission") has pre-pared a scheme for implementing any proposal in relation to drainage, flood mitigation or river management it may publish a notice in the Victoria Government Gazette and in a newspaper circulating generally in the area affected by the scheme of its intention to seek the declaration of the Governor in Council that the proposal be declared an approved scheme for the purposes of Division 8 of Part XXI, of the Local Government Act 1958. And whereas section 33b (b) of the said Act provides

And whereas section 33s (b) of the said Act provides that not less than 60 days after publication of the afore-mentioned notice under section 33A (a) of the said Act in the said newspaper, the Governor in Council may declare the scheme to be an approved scheme.

declare the scheme to be an approved scheme. And whereas a scheme known as the Werlibee West Drainage and Flood Mitigation Proposal has been prepared and the Commission has published a notice in the Victoria Government Gazette No. 90 dated 27th September, 1978, and in the Werlibee Banner of 4th October, 1978, of its intention to seek the declaration of the Governor in Council that the proposal be declared an approved scheme for the purposes of Division 8 of Part XXI. of the Local Government Act, Now therefore His Excellence the Council the Schemer Schemer Now therefore His Excellence the Council the Schemer Schemer Schemer Schemer Schemer Schemer Schemer Schemer Now therefore His Excellence the Council the Schemer Schemer

Now therefore His Excellency the Governor of the State of Victoria, acting with the advice of the Executive Council of the said State, on the recommendation of the Minister of Water Supply and in pursuance of the hereinbefore recited powers, doth hereby declare the Werribee West Drainage and Flood Mitigation Proposal to be an approved scheme for the purposes of Division 8 of Part XXI of the Local Government Act.

And the Honorable Frederick James Granter, Majesty's Minister of Water Supply for the State Victoria, shall give the necessary directions her accordingly. Her ate of herein

TOM FORRISTAL, Clerk of the Executive Council

LATROBE VALLEY WATER AND SEWERAGE BOARL

At the Executive Council Chamber, Melbourne, the fifth day of December, 1978

PRESENT:

His	Excellency	the	Governor	of	Victoria
	Rafferty Storey				ustin

APPROVAL OF PLANS SHOWING STORAGE BASIN, WORKS AREA AND PIPELINE SITES, CONSTRUCTION LICENCE, PIPELINE AND CARRIAGEWAY EASE-MENTS AND CONSENT TO COMPULSSORY ACQUISI-TION OF SITES, EASEMENT AND LICENCE

Under the powers conferred by the Latrobe Valley Act and all other powers enabling him in that behalf, His Excellency the Governor of the State of Victoria, by and with the advice of the Executive Council of the said State, doth hereby approve of—

(a) the storage basin, works area and pipeline sites, construction licence, pipeline and carriageway easements, as shown on the plans marked Sheets 1, 2 and 3 approved by the Governor in Council and deposited in the office of the State Rivers and Water Supply Commission, Mel-bourne (Corr. No. 78/1252/46); and

(b) the compulsory acquisition of the land required for the works together with the easements and a licence as shown on the said plans.

And the Honorable Frederick James Granter, Her Majesty's Minister of Water Supply for the State of Victoria, shall give the necessary directions herein accordingly.

TOM FORRISTAL, Clerk of the Executive Council

GEELONG WATERWORKS AND SEWERAGE TRUST

At the Executive Council Chamber, Melbourne, the fifth day of December, 1978

PRESENT:

His Excellency the Governor of Victoria Mr. Rafferty Mr. Storey Mr. Dixon Mr. Austin

AMENDMENT OF ORDER

AMENDMENT OF ORDER Under the powers conferred by the Geelong Water-works and Sewerage Act 1958, and all other powers enabling him in that behalf, His Excellency the Governor of the State of Victoria, by and with the advice of the Executive Council of the said State, doth hereby amend the Order in Council made on 2nd February, 1978, which approved of the site required for the Corio West Inter-ceptor Sewer and the acquisition of an easement required over the sewer as shown by red colour on the plan accompanying the said Order shall henceforth be located on a revised site through Crown Allotments 36, 39 and 40, Parish of Moorpanyal, together with the approval of the acquisition of an easement over the works as shown by red colour on a plan approved by the Governor in Council by and with this Order and deposited in the office of the State Rivers and Water Supply Commission, Melbourne (Corr. No. 67/3085/179).

And the Honorable Frederick James Granter, Her Majesty's Minister of Water Supply for the State of Victoria, shall give the necessary directions herein accordingly.

TOM FORRISTAL, Clerk of the Executive Council

MORNINGTON SEWERAGE AUTHORITY

At the Executive Council Chamber, Melbourne, the fifth day of December, 1978

PRESENT:

His Excellency	the	Governor of Victoria
Mr. Rafferty Mr. Storey		Mr. Dixon Mr. Austin

EXTENT OF SEWERAGE DISTRICT INCREASED

EXTENT OF SEWERAGE DISTRICT INCREASED Under the powers conferred by the Sewerage Districts Act and all other powers enabling him in that behalf, His Excellency the Governor of the State of Victoria, by and with the advice of the Executive Council of the said State, doth hereby declare, order and direct that the extent of the Sawerage District of the Mornington Sewer-sage Authority be increased by adding thereto the land as shown by red border on the plan approved by the Gov-ernor in Council, by and with this Order and deposited in the Office of the State Rivers and Water Supply Com-mission. Melbourne (Corr. No. 76/587/144), and as on and from the date hereof the extent of such District shall be and be deemed to be increased accordingly.

And the Honorable Frederick James Granter, Her Majesty's Minister of Water Supply for the State of Victoria, shall give the necessary directions herein accordingly.

TOM FORRISTAL, Clerk of the Executive Council

