



ECONOMIC DEVELOPMENT QUEENSLAND OONOONBA PDA NOISE BARRIER

Project Number: 304702009-STN-01-001-DR-CI-000001

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-OBA-4225

Date: 25 February 2026



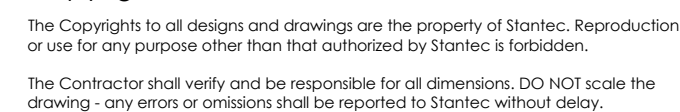
Approval no: DEV-2026-OBA-4225
Date: 25 February 2026

DRAWING NO.	REV.	DESCRIPTION
CUSP CONSULTANTS		
L-0600	A	00NOONBA ACOUSTIC FENCE DETAILS

C01 FOR TENDER	RM	BM	2025/10/17
Issued/Revision	By	Appd	YYYY.MM.DD

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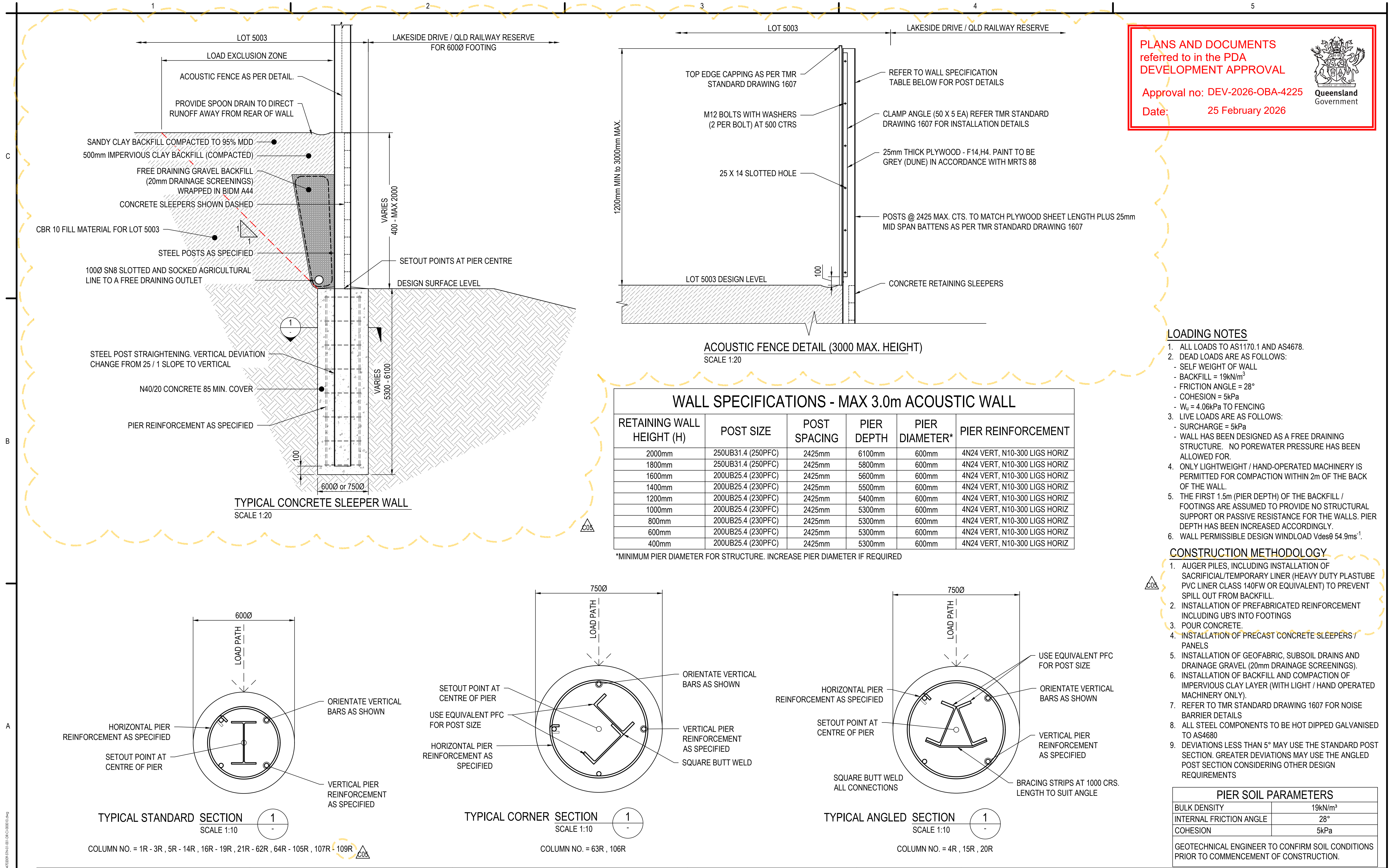


**Economic
Development
Queensland**

Melita, Brendan
RPEQ No: 24432
2026.02.19
09:51:15+10'00'

RM	RM	GJ	BM	2025/10/17
Dwn.	Dsgn.	Chkd.	Appd.	YYYY.MM.DD

Revision	Drawing No.
C01	304702009-STN-01-001-DR-CI-000002



PLANS AND DOCUMENTS
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DEVELOPMENT APPROVAL

Approval no: DEV-2026-OBA-4225

Date: 25 February 2026

- LOADING NOTES
1. ALL LOADS TO AS1170.1 AND AS4678.

2. DEAD LOADS ARE AS FOLLOWS:
 - SELF WEIGHT OF WALL
 - BACKFILL = 19kN/m³
 - FRICTION ANGLE = 28°
 - COHESION = 5kPa
 - W_u = 4.08kPa TO FENCING

3. LIVE LOADS ARE AS FOLLOWS:
 - SURCHARGE = 5kPa
 - WALL HAS BEEN DESIGNED AS A FREE DRAINING STRUCTURE. NO POREWATER PRESSURE HAS BEEN ALLOWED FOR.

4. ONLY LIGHTWEIGHT / HAND-OPERATED MACHINERY IS PERMITTED FOR COMPACTION WITHIN 2m OF THE BACK OF THE WALL.

5. THE FIRST 1.5m (PIER DEPTH) OF THE BACKFILL / FOOTINGS ARE ASSUMED TO PROVIDE NO STRUCTURAL SUPPORT OR PASSIVE RESISTANCE FOR THE WALLS. PIER DEPTH HAS BEEN INCREASED ACCORDINGLY.

6. WALL PERMISSIBLE DESIGN WINDLOAD Vdes9 54.9ms⁻¹.

- CONSTRUCTION METHODOLOGY
1. AUGER PILES, INCLUDING INSTALLATION OF SACRIFICIAL/TEMPORARY LINER (HEAVY DUTY PLASTUBE PVC LINER CLASS 140FW OR EQUIVALENT) TO PREVENT SPILL OUT FROM BACKFILL.

2. INSTALLATION OF PREFABRICATED REINFORCEMENT INCLUDING UB'S INTO FOOTINGS

3. POUR CONCRETE.

4. INSTALLATION OF PRECAST CONCRETE SLEEPERS / PANELS

5. INSTALLATION OF GEOFABRIC, SUBSOIL DRAINS AND DRAINAGE GRAVEL (20mm DRAINAGE SCREENINGS).

6. INSTALLATION OF BACKFILL AND COMPACTION OF IMPERVIOUS CLAY LAYER (WITH LIGHT / HAND OPERATED MACHINERY ONLY).

7. REFER TO TMR STANDARD DRAWING 1607 FOR NOISE BARRIER DETAILS

8. ALL STEEL COMPONENTS TO BE HOT DIPPED GALVANISED TO AS4680

9. DEVIATIONS LESS THAN 5° MAY USE THE STANDARD POST SECTION. GREATER DEVIATIONS MAY USE THE ANGLED POST SECTION CONSIDERING OTHER DESIGN REQUIREMENTS

PIER SOIL PARAMETERS	
BULK DENSITY	19kN/m ³
INTERNAL FRICTION ANGLE	28°
COHESION	5kPa
GEOTECHNICAL ENGINEER TO CONFIRM SOIL CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.	

0 200 400 600 800 1000mm
SCALE 1:10 @A1

0 500 1000 1500 2000mm
SCALE 1:20 @A1

C05 STRAIGHTENED WALL	RM	BM	2026/02/16
C04 DETAILS CHANGE TO SUIT CONSTRUCTION	RM	BM	2026/01/13
C03 LOT NO. CHANGE TO 5003	RM	BM	2025/10/31
C02 WALL SETOUT AMENDMENT	RM	BM	2025/10/31
C01 FOR TENDER	RM	BM	2025/10/17
Issued/Revision	By	Appd	YYYY.MM.DD

Issue Status

A4
AUTHORIZED FOR
TENDER

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Coordinate System
MGA/20-Zone 55
Datum
mAHD

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Client/Project Logo

Client/Project
ECONOMIC DEVELOPMENT QUEENSLAND
OONOONBA PDA
NOISE BARRIER

Melita, Brendan
RPEQ No: 24432
2026.02.19
10.02:47+10:00

RM BM GJ BM
Dwn. Dsgn. Chkd. Appd.

2025/10/17
YYYY.MM.DD

Title
TYPE SECTIONS AND DETAILS
LEGEND AND NOTES
SHEET 1 OF 2

Project No. 304702009 Auth. Ref. BM 24432 Scale at A1 AS SHOWN

Revision C05 Drawing No. 304702009-STN-01-001-DR-CI-000010

U:\304702009\Technical Drawings\Working\Separable\Section 1\304702009-STN-01-001-DR-CI-000010.dwg
Plotted: MacGillivray, Kevin Date: 16/02/2026 2:42:01 PM

C

B

A

SERVICES LEGEND

- T— Surveyed telecommunications
- - -dTU- BYDA telecommunications
- - -dOF- BYDA Optical fibre
- Telecommunications pit
- (M) - New P100 telecommunications conduit
- (T) - Future P100 telecommunications conduit
- E- Surveyed above ground electrical
- -E- Surveyed below ground electrical
- dE- BYDA above ground electrical
- -dE- BYDA below ground electrical
- Electrical pillar
- Electrical pit
- Electrical power pole
- *- Electrical light pole
- W- Surveyed water
- -dWM- BYDA water
- Water fire hydrant
- Water valve
- Irrigation valve
- Water enveloper pipe
- SW- Surveyed stormwater
- -dD- BYDA stormwater
- ⊙ Stormwater manhole
- S- Surveyed sewerage
- -dS- BYDA sewerage
- ⊙ Sewerage manhole

5x100 (600mm) Number of conduits, size of conduit and measures depth of conduit to obvert

(Existing 70mm) Approx depth to top of spindle from the existing surface (Valve cover)

location where pot holing has been undertaken

40 steel 0.56m BNS 0.568m BDS BNS = Below natural surface BDS = Below design surface

DEMOLITION LEGEND

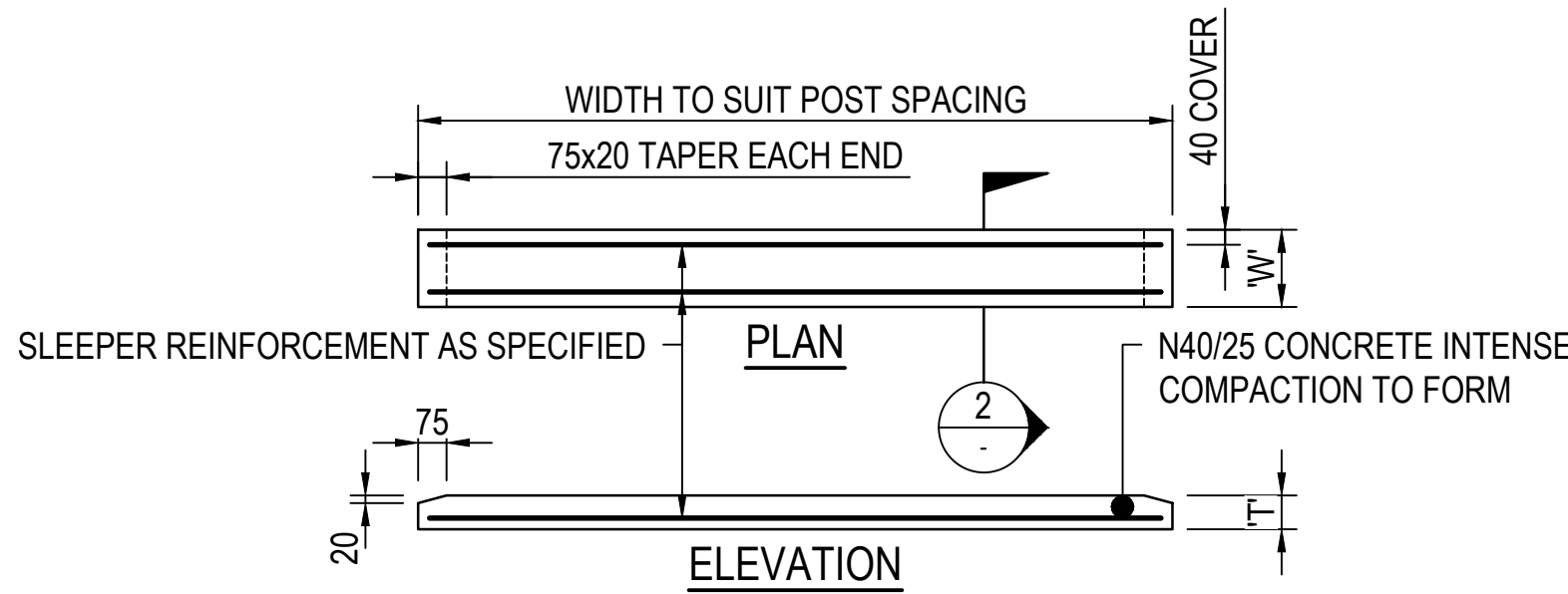
- Remove pavement
- Remove gravel
- Kerb and channel, Lighting, Signal etc
- Trees, signs, pits, light poles, headwalls etc
- Existing sign
- R2-2LB

WARNING

SERVICES ARE NOT SHOWN
ALL CONTRACTORS ARE RESPONSIBLE FOR AVOIDING CONFLICTS WITH SERVICES AND MUST CARRY OUT CHECKS WITH ALL SERVICE AUTHORITIES BEFORE COMMENCING WORKS.

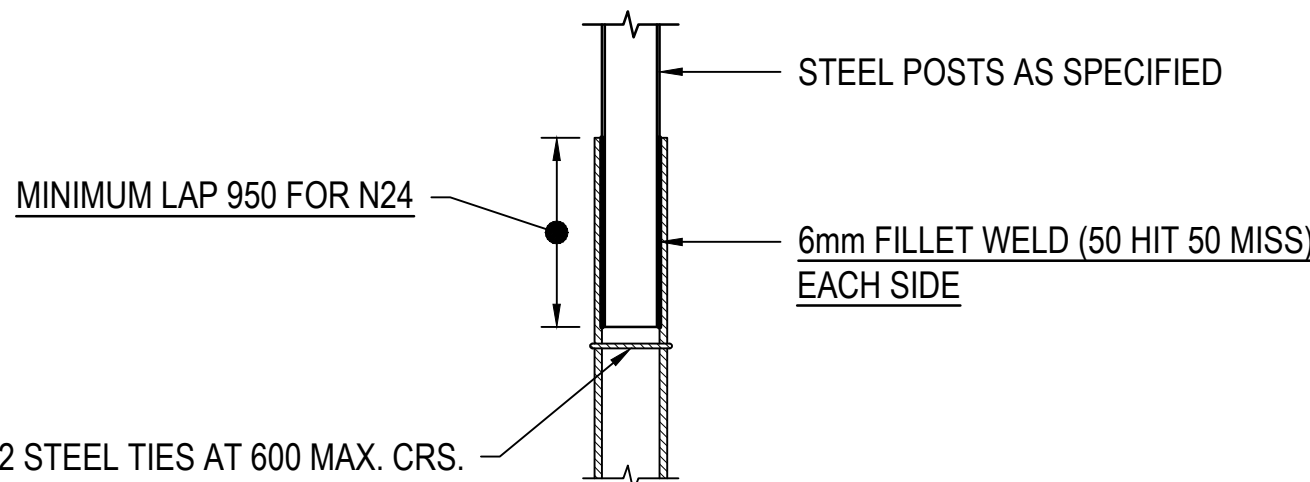
CONCRETE SLEEPER SPECIFICATIONS

WALL HEIGHT (H)	SLEEPER SIZE (WxT)	REINFORCEMENT	SLEEPER LENGTH
0mm - 1400mm	200x90mm	2/N12	2400
1400mm - 2600mm	2/200x90mm	2/N12	2400



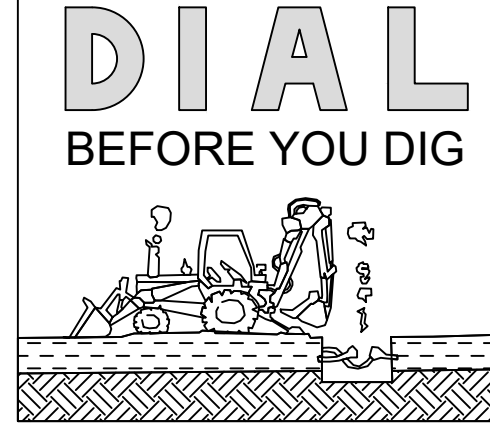
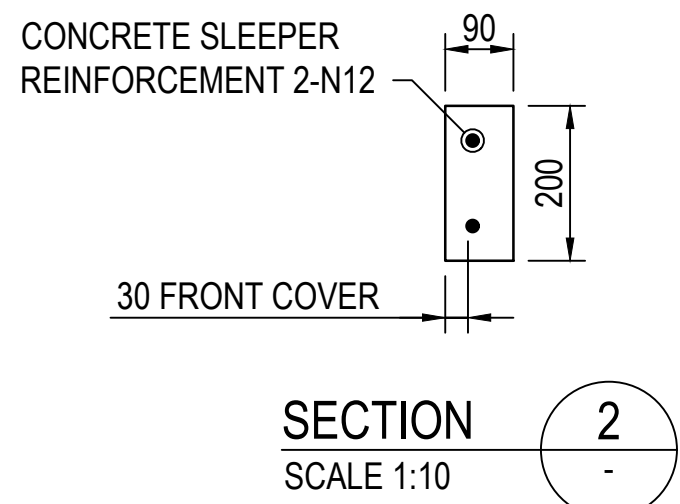
CONCRETE SLEEPER REINFORCEMENT DETAILS

SCALE 1:20



POST TO REINFORCING BAR WELDING DETAILS

SCALE 1:20



ENERGY SERVICE PROVIDERS



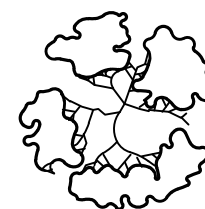
NOTE: SERVICE LOCATIONS ARE APPROXIMATE ONLY FROM PROVIDERS PLANS. LOCATIONS ARE TO BE CONFIRMED PRIOR TO START OF CONSTRUCTION. PHONE DBYD SERVICE LOCATIONS ON 1100 FOR DETAILS.

TELECOMMUNICATIONS SERVICE PROVIDERS



NOTE: SERVICE LOCATIONS ARE APPROXIMATE ONLY FROM PROVIDERS PLANS. LOCATIONS ARE TO BE CONFIRMED PRIOR TO START OF CONSTRUCTION. PHONE DBYD SERVICE LOCATIONS ON 1100 FOR DETAILS.

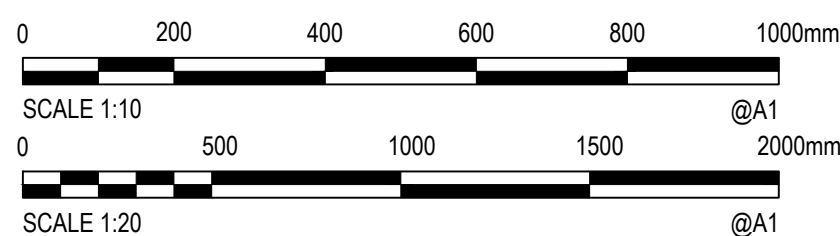
PLEASE CONTACT THE SCRC'S ARBORIST PRIOR TO ANY CONSTRUCTION FOR ADVICE ON TREE ROOT PROTECTION IN THE VICINITY OF THE WORKS TO BE CARRIED OUT.



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-OBA-4225

Date: 25 February 2026



Issue/Revision	By	Appd	YYYY.MM.DD
C03 ADDED CONNECTION DETAIL	RM	BM	2026/02/16
C02 NEW TELECOMMUNICATIONS CONDUIT	RM	BM	2025/12/18
C01 FOR TENDER	RM	BM	2025/10/17

Issue Status

A4 AUTHORIZED FOR TENDER

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Coordinate System
MGA/20-Zone 55
Datum
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Client/Project Logo



Client/Project

ECONOMIC DEVELOPMENT QUEENSLAND
OONOONBA PDA
NOISE BARRIER

Mellia, Brendan
RPEQ No: 24432
2026.02.19
10:05:23+1000

RM	BM	GJ	BM	2025/10/17
Dwn.	Dsgn.	Chkd.	Appd.	YYYY.MM.DD

Title

TYPE SECTIONS AND DETAILS
LEGEND AND NOTES
SHEET 2 OF 2

Project No. 304702009 Auth. Ref. BM 24432 Scale at A1 AS SHOWN

Revision C03 Drawing No. 304702009-STN-01-001-DR-CI-000011

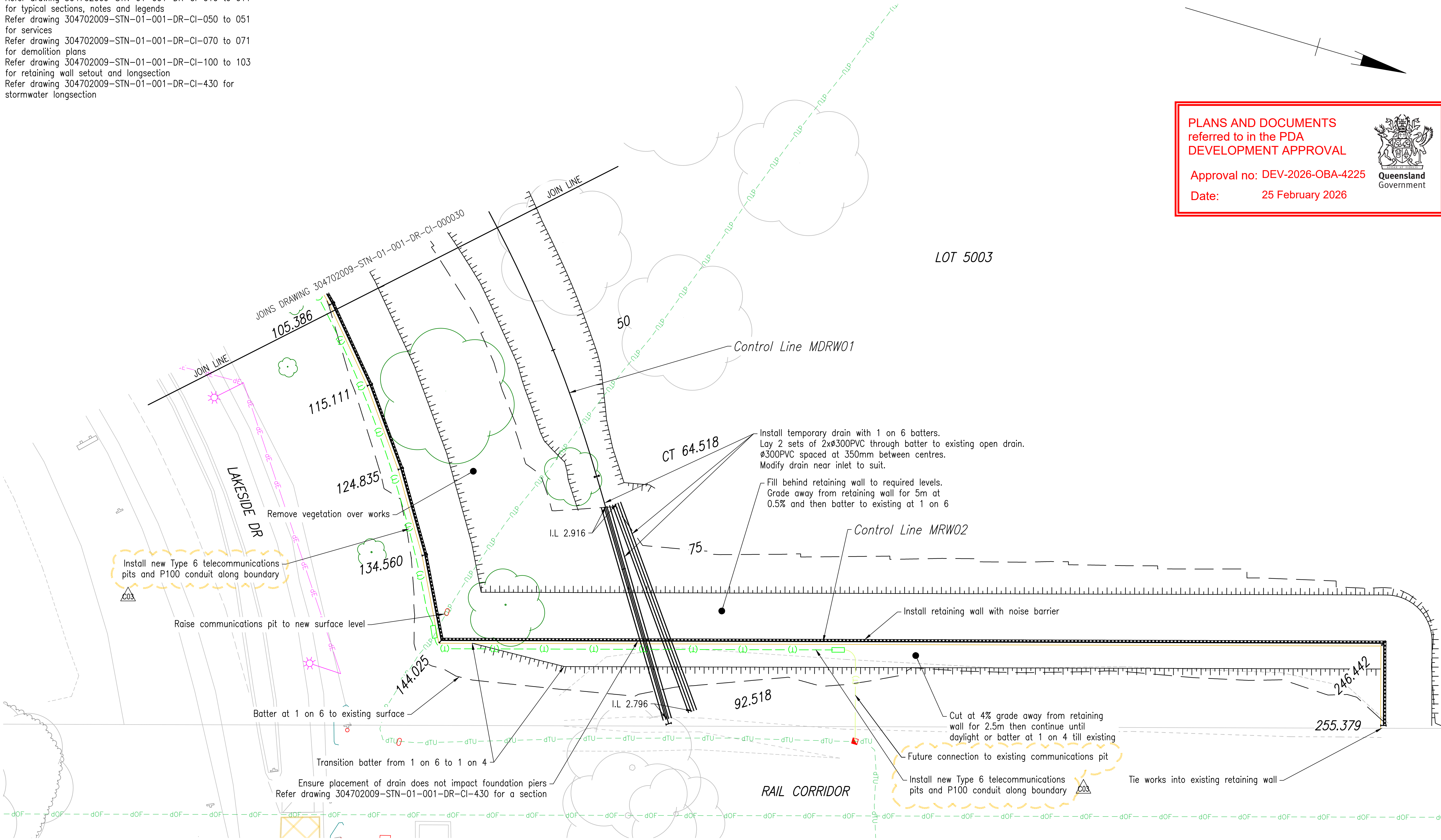
NOTES:

- 1. Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
- 2. Refer drawing 304702009-STN-01-001-DR-CI-050 to 051 for services
- 3. Refer drawing 304702009-STN-01-001-DR-CI-070 to 071 for demolition plans
- 4. Refer drawing 304702009-STN-01-001-DR-CI-100 to 103 for retaining wall setout and longsection
- 5. Refer drawing 304702009-STN-01-001-DR-CI-430 for stormwater longsection

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

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Date: 25 February 2026



0 2 4 6 8m

C03 NEW TELECOMMUNICATIONS CONDUIT	RM	BM	2025/12/18
C02 LOT No. CHANGE to 5003	RM	BM	2025/10/31
C01 FOR TENDER	RM	BM	2025/10/17
Issued/Revision	By	Appd	YYYY.MM.DD

Issue Status

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ECONOMIC DEVELOPMENT QUEENSLAND
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NOISE BARRIER

Mellita, Brendan RPEQ No. 24432 2026.02.19 11:43:48+1000'	RM	RM	GJ	BM	2025/10/17
	Dwn.	Dsgn.	Chkd.	Appd.	YYYY.MM.DD

Title

GENERAL ARRANGEMENT
SHEET 2 OF 2

Project No. 304702009 Auth. Ref. BM 24432 Scale at A1 AS SHOWN

Revision C03 Drawing No. 304702009-STN-01-001-DR-CI-000031

- NOTES:
1. Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
 2. Refer drawing 304702009-STN-01-001-DR-CI-070 to 071 for demolition
 3. Refer drawing 304702009-STN-01-001-DR-CI-100 to 103 for retaining wall setout and longsection

PLANS AND DOCUMENTS
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DEVELOPMENT APPROVAL

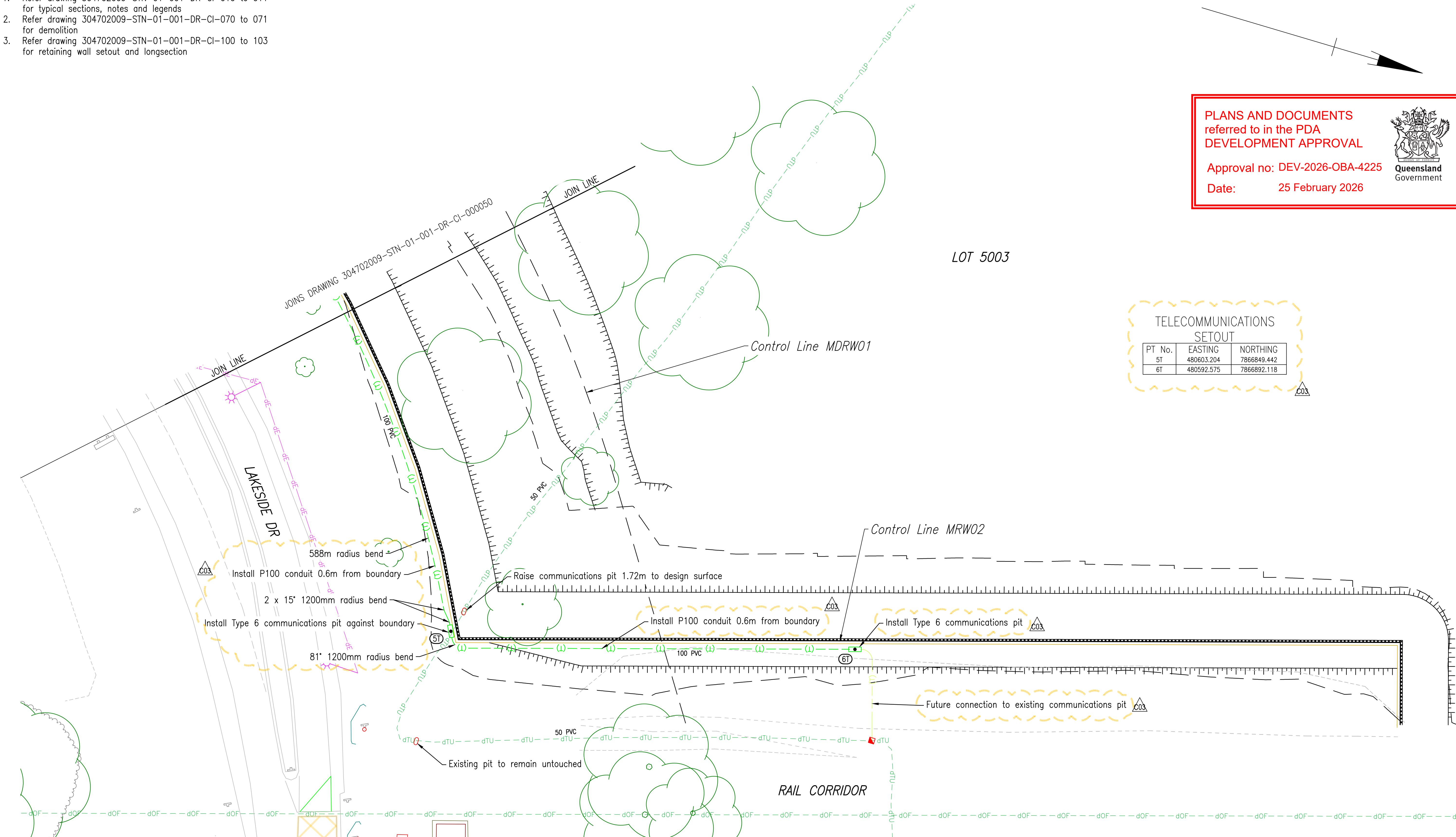
Approval no: DEV-2026-OBA-4225
Date: 25 February 2026



TELECOMMUNICATIONS
SETOUT

PT No.	EASTING	NORTHING
5T	480603.204	7866849.442
6T	480592.575	7866892.118

C03



0 2 4 6 8m

Issued/Revision	By	Appd	YYYY.MM.DD
C03 NEW TELECOMMUNICATIONS CONDUIT	RM	BM	2025/12/18
C02 LOT No. CHANGE to 5003	RM	BM	2025/10/31
C01 FOR TENDER	RM	BM	2025/10/17

Issue Status

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Client/Project Logo



Client/Project

ECONOMIC DEVELOPMENT QUEENSLAND
OONOONBA PDA
NOISE BARRIER

Melita, Brendan
RPEQ No: 24432
2026.02.19
11:45:36+1000

RM	RM	GJ	BM	2025/10/17
Dwn.	Dsgn.	Chkd.	Appd.	YYYY.MM.DD

Title

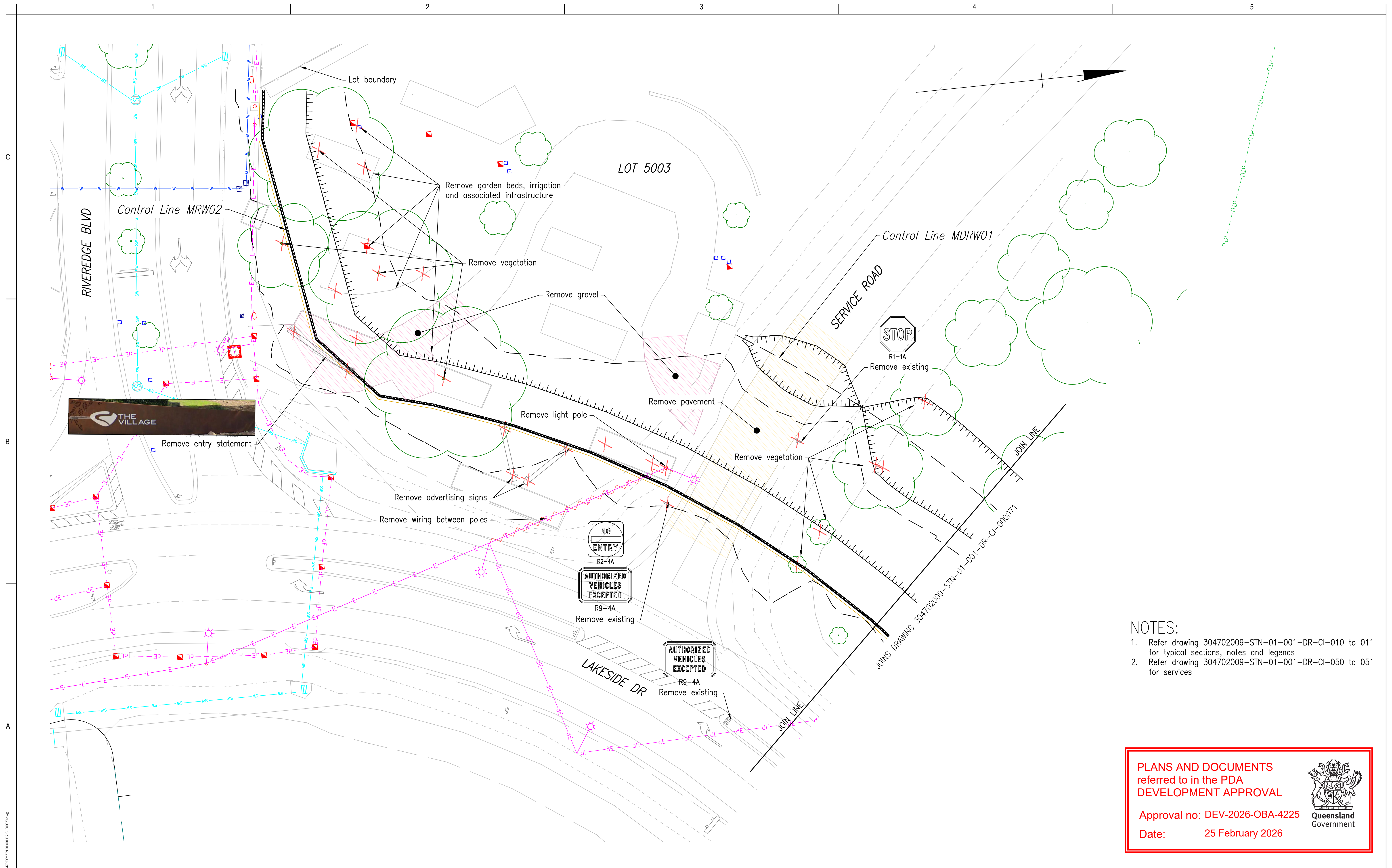
SERVICES
SHEET 2 OF 2

Project No. 304702009
Auth. Ref. BM 24432

Scale at A1
AS SHOWN

Revision
C03

Drawing No.
304702009-STN-01-001-DR-CI-000051



- NOTES:
1. Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
 2. Refer drawing 304702009-STN-01-001-DR-CI-050 to 051 for services

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

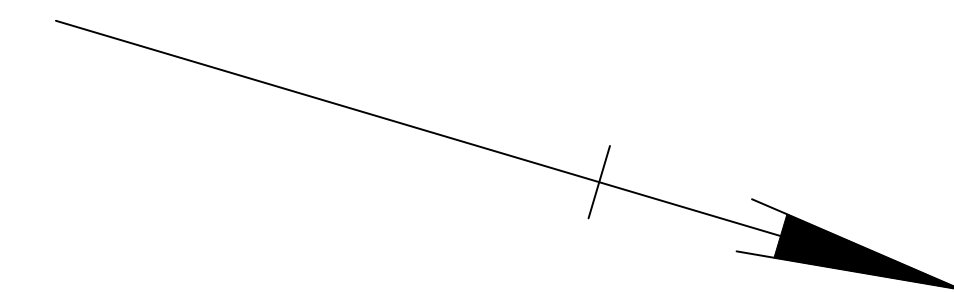
Approval no: DEV-2026-OBA-4225

Date: 25 February 2026

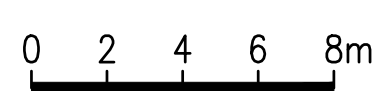
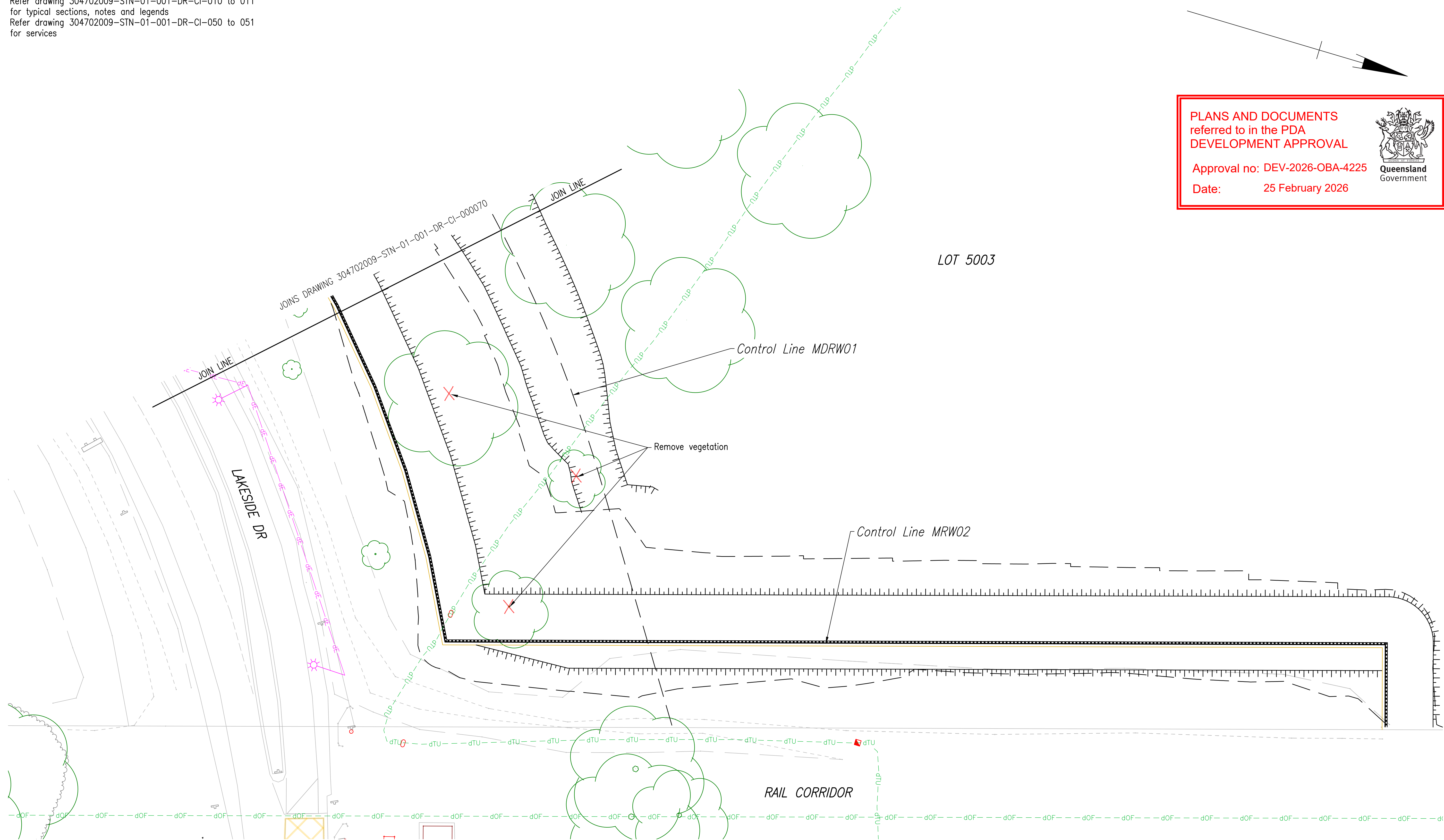
02 LOT No. CHANGE to 5003 C01 FOR TENDER Issued/Revision	RM BM 2025/10/31 RM BM 2025/10/17 By Appd YYYY.MM.DD	Issue Status A4 AUTHORIZED FOR TENDER This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.	Coordinate System MGA/20-Zone 55 Datum mAHd Colour Disclaimer This drawing has been documented in colour. This drawing is required to be printed in colour. Failure to do so may result in loss of information. Black and white printing may be used if specific black and white documents have been obtained from Stantec.	Copyright Reserved The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden. The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.	Client/Project Logo Client/Project ECONOMIC DEVELOPMENT QUEENSLAND OONONBA PDA NOISE BARRIER Mellita, Brendan RPEQ No: 24432 2026.02.19 11:46:10+10'00" RM Dwn. RM Dsgn. GJ Chkd. BM Appd. 2025/10/17 YYYY.MM.DD	Title DEMOLITION SHEET 1 OF 2 Project No. 304702009 Auth. Ref. BM 24432 Scale at A1 AS SHOWN Revision C02 Drawing No. 304702009-STN-01-001-DR-CI-000070
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Plotted: McGeehan, Ryan Date: 31/10/2025 10:22:24 AM

1. Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
2. Refer drawing 304702009-STN-01-001-DR-CI-050 to 051 for services



Approval no: DEV-2026-OBA-4225
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C02 LOT No. CHANGE to 5003	RM	BM	2025/10/31
C01 FOR TENDER	RM	BM	2025/10/17
Issued/Revision	By	Appd	YYYY.MM.DD

Issue Status

A4

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Client/Project

ECONOMIC DEVELOPMENT QUEENSLAND

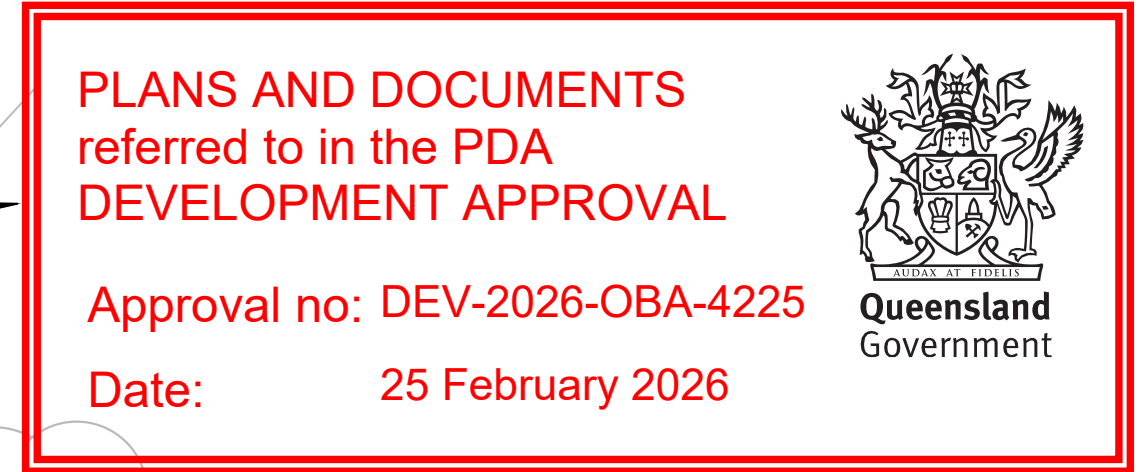
OONOONBA PDA

NOON BARRIER

Melita, Brendan
RPEQ No: 24432
2026.02.19
11:47:34+1000'

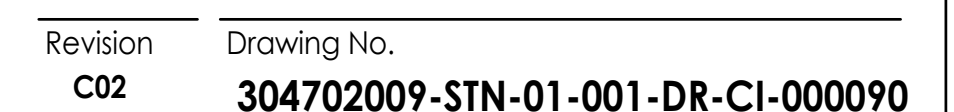
RM	RM	CJ	BM	2025/10/1
Draw	Draw	Check	Aspet	2023/11/1

Title		
DEMOLITION SHEET 2 OF 2		
Project No.	Auth. Ref.	Scale at A1
304702009	BM 24432	AS SHOWN
Revision	Drawing No.	
C02	304702009-STN-01-001-DR-CL-000071	



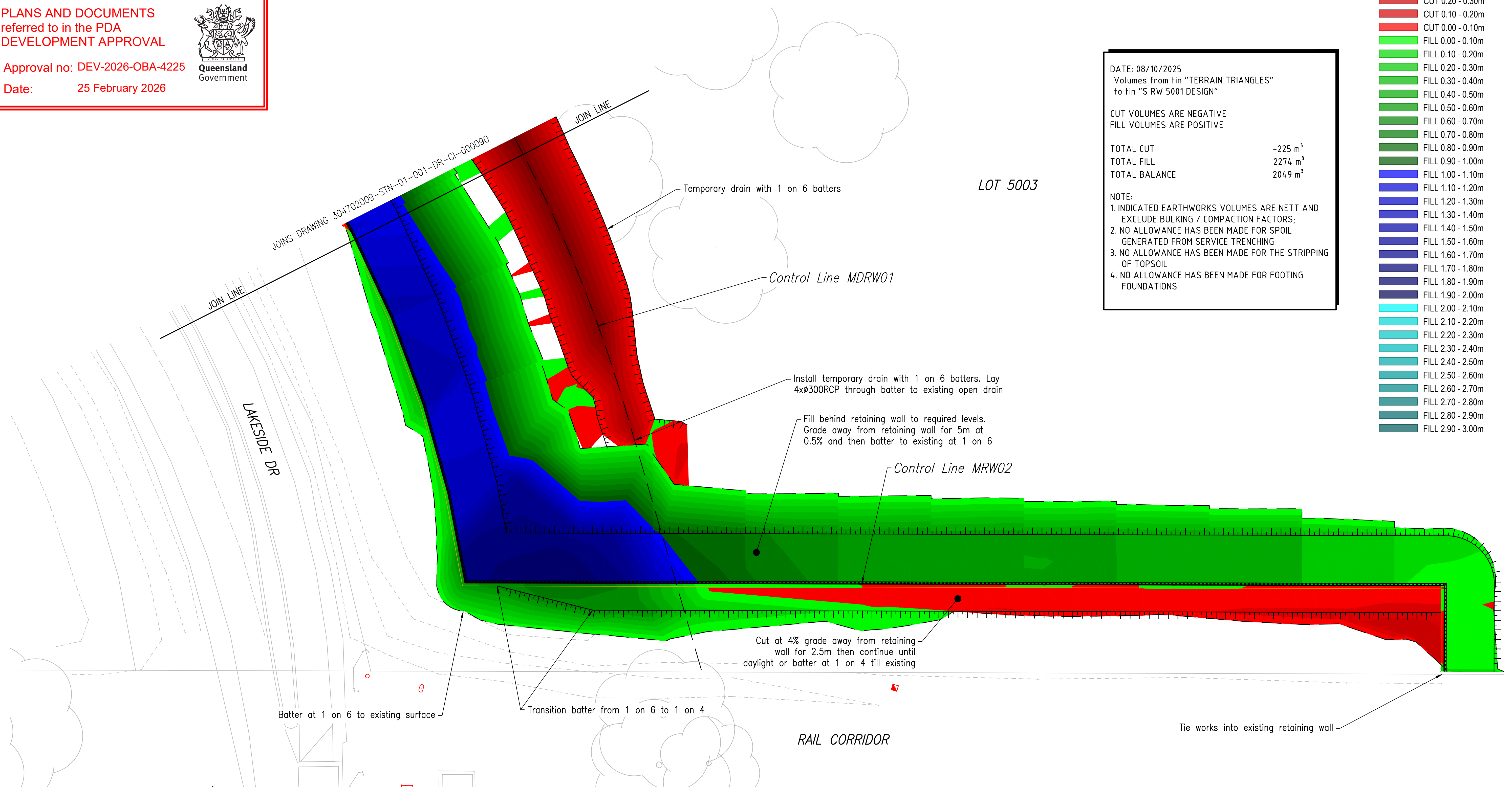
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	CUT 0.80 - 0.90m
	CUT 0.70 - 0.80m
	CUT 0.60 - 0.70m
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	CUT 0.40 - 0.50m
	CUT 0.30 - 0.40m
	CUT 0.20 - 0.30m
	CUT 0.10 - 0.20m
	CUT 0.00 - 0.10m
	FILL 0.00 - 0.10m
	FILL 0.10 - 0.20m
	FILL 0.20 - 0.30m
	FILL 0.30 - 0.40m
	FILL 0.40 - 0.50m
	FILL 0.50 - 0.60m
	FILL 0.60 - 0.70m
	FILL 0.70 - 0.80m
	FILL 0.80 - 0.90m
	FILL 0.90 - 1.00m
	FILL 1.00 - 1.10m
	FILL 1.10 - 1.20m
	FILL 1.20 - 1.30m
	FILL 1.30 - 1.40m
	FILL 1.40 - 1.50m
	FILL 1.50 - 1.60m
	FILL 1.60 - 1.70m
	FILL 1.70 - 1.80m
	FILL 1.80 - 1.90m
	FILL 1.90 - 2.00m
	FILL 2.00 - 2.10m
	FILL 2.10 - 2.20m
	FILL 2.20 - 2.30m
	FILL 2.30 - 2.40m
	FILL 2.40 - 2.50m
	FILL 2.50 - 2.60m
	FILL 2.60 - 2.70m
	FILL 2.70 - 2.80m
	FILL 2.80 - 2.90m
	FILL 2.90 - 3.00m

1. Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
2. Refer drawing 304702009-STN-01-001-DR-CI-100 to 103 for retaining wall setout and longsection
3. Refer drawing 304702009-STN-01-001-DR-CI-430 for stormwater longsection



1. Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
2. Refer drawing 304702009-STN-01-001-DR-CI-100 to 103 for retaining wall setout and longsection
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Approval no: DEV-2026-OBA-4225
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0 2 4 6 8m

C02 LOT No. CHANGE to 5003	RM	BM	2025/10/31
C01 FOR TENDER	RM	BM	2025/10/17
Issued/Revision	By	Appd	YYYY.MM.DD

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Client/Project Logo



Client/Project
ECONOMIC DEVELOPMENT QUEENSLAND
OONOONBA PDA
NOISE BARRIER

Melita, Brendan
RPEQ No: 24432
2026.02.19
11:48:28+1000'

RM	RM	GJ	BM	2025/10/17
Dwn	Dswn	Chkd	Apnd	YYYY MM DD

Title

EARTHWORKS
SHEET 2 OF 2

Project No.	Auth. Ref.
304702009	BM 24432

Scale at A1
AS SHOWN

Revision Drawing No.

C02 304702009-STN-01-001-DR-CI-000091

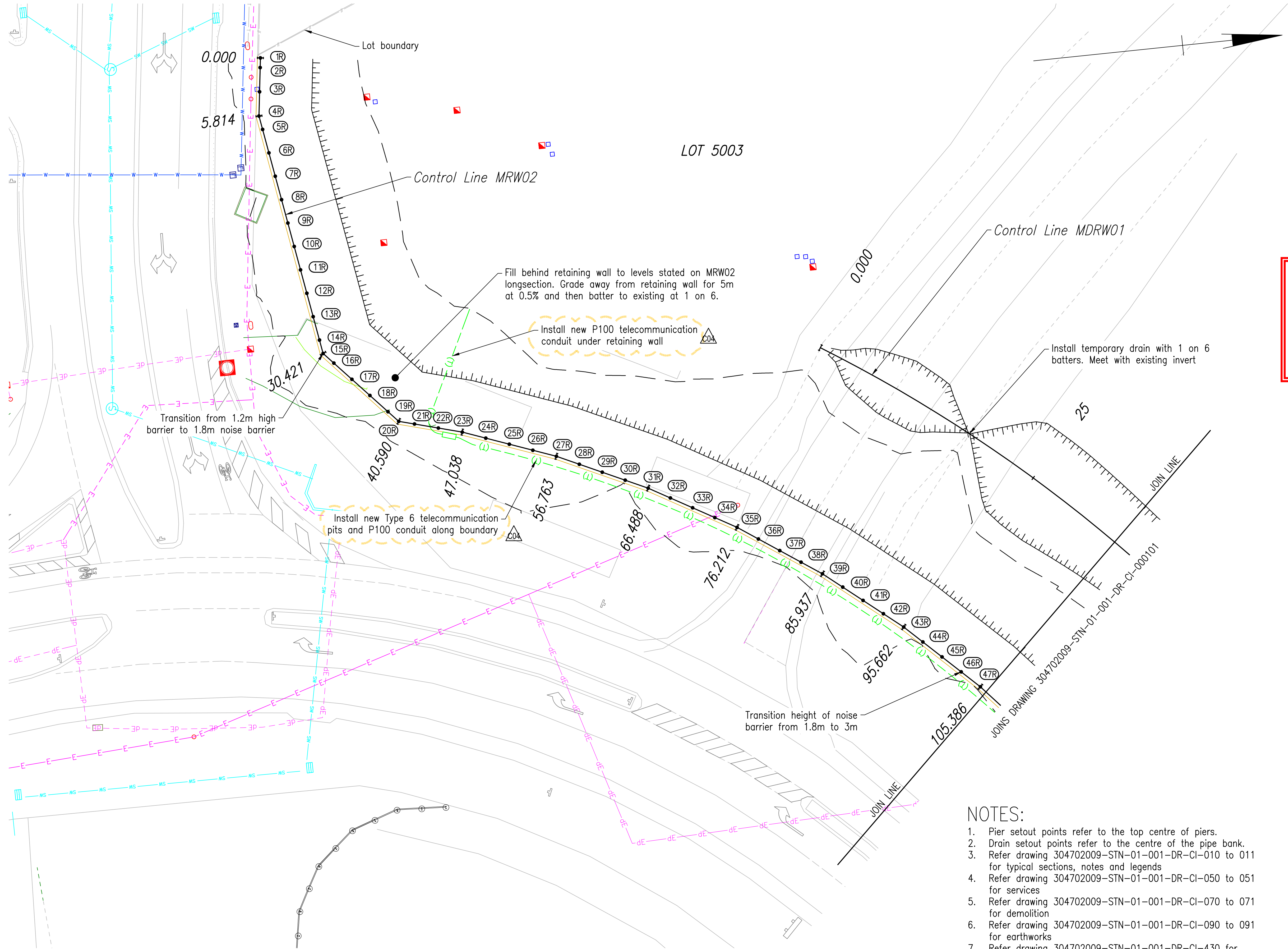
C

B

A

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Plotted: McGeehan, Ron Date: 18/10/2025 8:49 AM

ORIGINAL SHEET - SD A1



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-OBA-4225
Date: 25 February 2026

Queensland
Government

PIER SETOUT POINTS

PT No.	EASTING	NORTHING
1R	480502.158	7866763.488
2R	480503.114	7866763.366
3R	480505.520	7866763.058
4R	480507.925	7866762.751
5R	480509.298	7866762.974
6R	480511.692	7866763.362
7R	480514.086	7866763.750
8R	480516.479	7866764.138
9R	480518.873	7866764.526
10R	480521.267	7866764.914
11R	480523.661	7866765.302
12R	480526.054	7866765.690
13R	480528.448	7866766.078
14R	480530.842	7866766.466
15R	480532.215	7866766.854
16R	480533.287	7866767.660
17R	480535.083	7866769.289
18R	480536.880	7866770.918
19R	480538.676	7866772.546
20R	480539.748	7866773.518
21R	480540.176	7866775.059
22R	480540.825	7866777.395
23R	480541.474	7866779.732
24R	480542.319	7866782.012
25R	480543.164	7866784.291
26R	480544.008	7866786.571
27R	480544.853	7866788.851
28R	480545.881	7866791.054
29R	480546.910	7866793.257
30R	480547.938	7866795.459
31R	480548.967	7866797.663
32R	480550.172	7866799.774
33R	480551.378	7866801.885
34R	480552.583	7866803.996
35R	480553.789	7866806.107
36R	480555.163	7866808.113
37R	480556.538	7866810.118
38R	480557.912	7866812.123
39R	480559.286	7866814.129
40R	480560.821	7866816.015
41R	480562.355	7866817.901
42R	480563.889	7866819.787
43R	480565.423	7866821.673
44R	480567.106	7866823.427
45R	480568.790	7866825.181
46R	480570.473	7866826.935
47R	480572.157	7866828.689

NOTES:

- Pier setout points refer to the top centre of piers.
- Drain setout points refer to the centre of the pipe bank.
- Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
- Refer drawing 304702009-STN-01-001-DR-CI-050 to 051 for services
- Refer drawing 304702009-STN-01-001-DR-CI-070 to 071 for demolition
- Refer drawing 304702009-STN-01-001-DR-CI-090 to 091 for earthworks
- Refer drawing 304702009-STN-01-001-DR-CI-430 for stormwater longsection

0 2 4 6 8m

Issued/Revision	By	Appd	YYYY.MM.DD
C04 NEW TELECOMMUNICATIONS CONDUIT	RM	BM	2025/12/18
C03 ACOUSTIC BARRIER CHANGE	RM	BM	2025/10/31
C02 WALL SETOUT AMENDMENT	RM	BM	2025/10/31
C01 FOR TENDER	RM	BM	2025/10/17

Issue Status

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TENDER**

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Coordinate System
MGA/20-Zone 55
Datum
mAHD

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Client/Project Logo



Client/Project

ECONOMIC DEVELOPMENT QUEENSLAND
OONONBA PDA
NOISE BARRIER

Millie, Brendan

RPEQ No. 24432
2026.02.19
11:50:27+10:00

RM

RM

GJ

BM

2025/10/17

Appd.

Title

DETAILED SETOUT
SHEET 1 OF 2

Project No.
304702009

Auth. Ref.

BM 24432

Scale at A1
AS SHOWN

Revision

C04

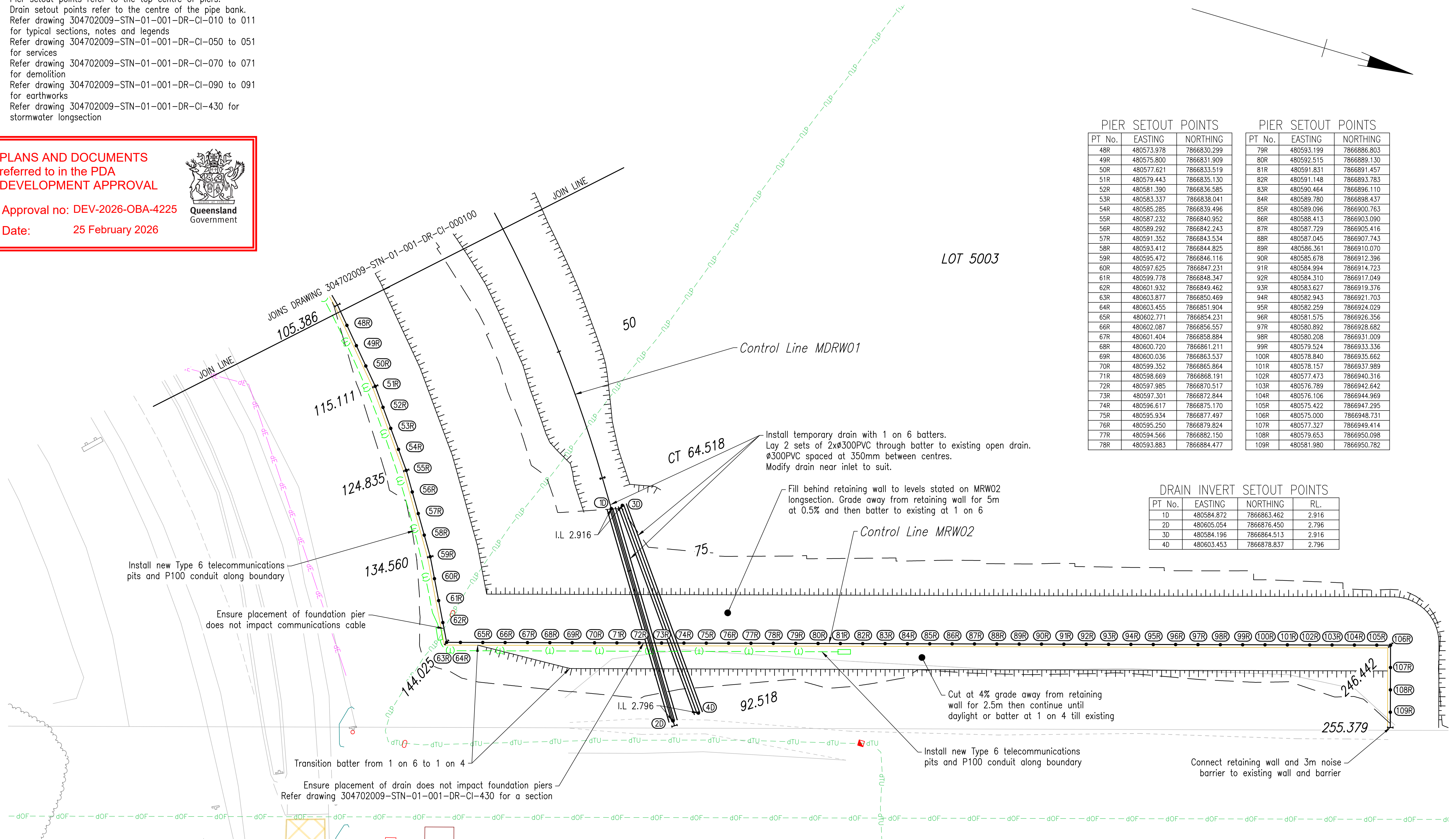
Drawing No.

304702009-STN-01-001-DR-CI-000100

1. Pier setout points refer to the top centre of piers.
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5. Refer drawing 304702009-STN-01-001-DR-CI-070 to 071 for demolition
6. Refer drawing 304702009-STN-01-001-DR-CI-090 to 091 for earthworks
7. Refer drawing 304702009-STN-01-001-DR-CI-430 for stormwater longsection

Approval no: DEV-2026-OBA-4225

Date: 25 February 2026



PIER SEQUOT POINTS		
PT No.	EASTING	NORTHING
48R	480573.978	7866830.299
49R	480575.800	7866831.909
50R	480577.621	7866833.519
51R	480579.443	7866835.130
52R	480581.390	7866836.585
53R	480583.337	7866838.041
54R	480585.285	7866839.496
55R	480587.232	7866840.952
56R	480589.292	7866842.243
57R	480591.352	7866843.534
58R	480593.412	7866844.825
59R	480595.472	7866846.116
60R	480597.625	7866847.231
61R	480599.778	7866848.347
62R	480601.932	7866849.462
63R	480603.877	7866850.469
64R	480605.455	7866851.904
65R	480602.771	7866854.231
66R	480602.087	7866856.557
67R	480601.404	7866858.884
68R	480600.720	7866861.211
69R	480600.036	7866863.537
70R	480599.352	7866865.864
71R	480598.669	7866868.191
72R	480597.985	7866870.517
73R	480597.301	7866872.844
74R	480596.617	7866875.170
75R	480595.934	7866877.497
76R	480595.250	7866879.824
77R	480594.566	7866882.150
78R	480593.883	7866884.477

PIER		SETOUT	POINTS
PT	No.	EASTING	NORTHING
79R		480593.199	7866886.803
80R		480592.515	7866889.130
81R		480591.831	7866891.457
82R		480591.148	7866893.783
83R		480590.464	7866896.110
84R		480589.780	7866898.437
85R		480589.096	7866900.763
86R		480588.413	7866903.090
87R		480587.729	7866905.416
88R		480587.045	7866907.743
89R		480586.361	7866910.070
90R		480585.678	7866912.396
91R		480584.994	7866914.723
92R		480584.310	7866917.049
93R		480583.627	7866919.376
94R		480582.943	7866921.703
95R		480582.259	7866924.029
96R		480581.575	7866926.356
97R		480580.892	7866928.682
98R		480580.208	7866931.009
99R		480579.524	7866933.336
100R		480578.840	7866935.662
101R		480578.157	7866937.989
102R		480577.473	7866940.316
103R		480576.789	7866942.642
104R		480576.106	7866944.969
105R		480575.422	7866947.295
106R		480575.000	7866948.731
107R		480577.327	7866949.414
108R		480579.653	7866950.098
109R		480581.980	7866950.782

DRAIN INVERT SETOUT POINTS			
PT No.	EASTING	NORTHING	RL.
1D	480584.872	7866863.462	2.916
2D	480605.054	7866876.450	2.796
3D	480584.196	7866864.513	2.916
4D	480603.453	7866878.837	2.796

C

B

A

U:\304702009\Technical Drawings\Working\Separable\Position 1\304702009 STA 0+000 to 0+1000.dwg
Plotted: 2026/02/18 10:00:00 AM Date: 16/02/2026 2:41:19 PM

ORIGINAL SHEET - SD A1

1

2

3

4

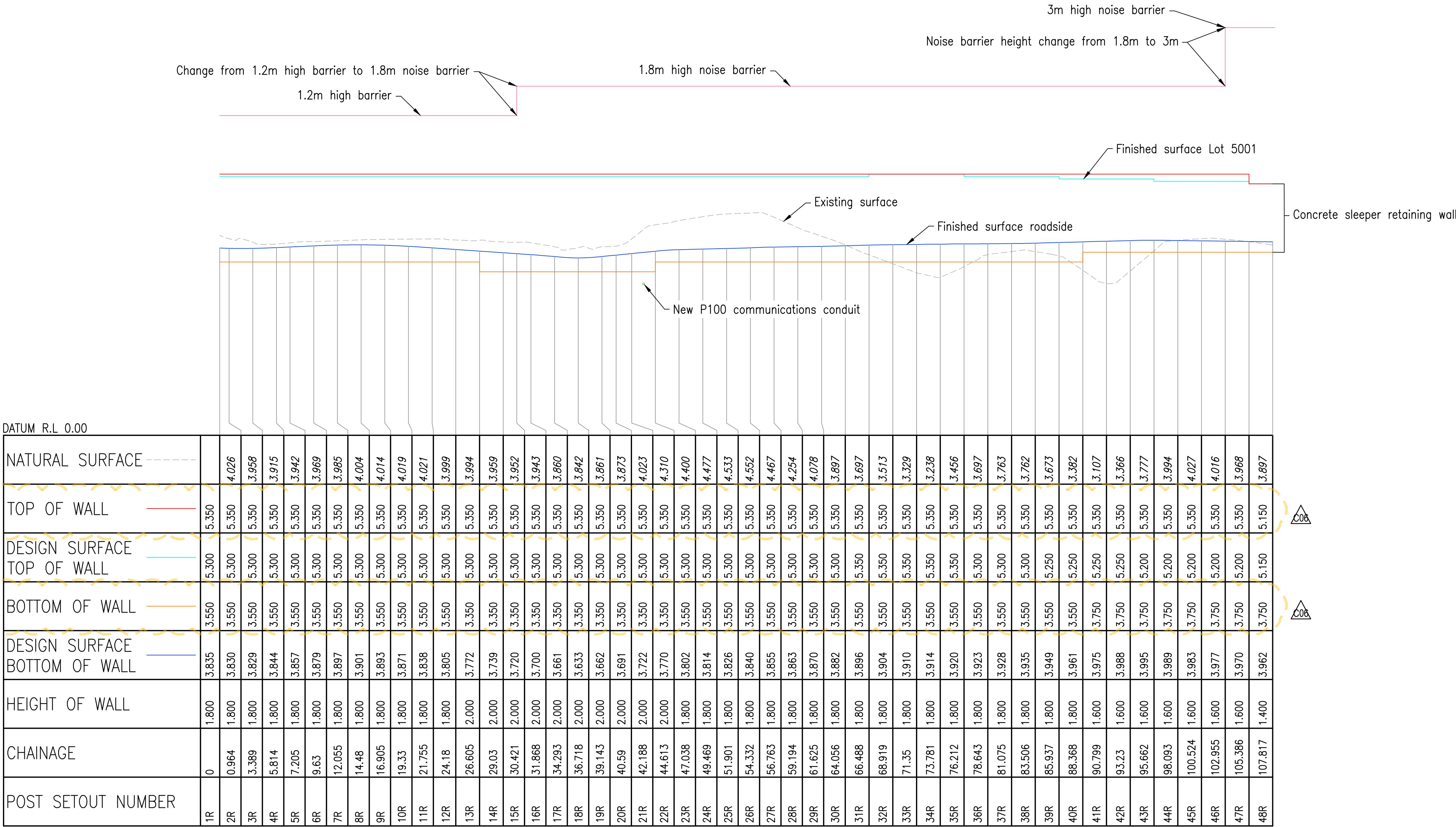
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ALIGNMENT MRW->MRW02 HORIZONTAL IPS

PT	CHAINAGE	EASTING	NORTHING
IP 1	0.000	480502.158	7866763.488
IP 2	5.814	480507.925	7866762.751
IP 3	30.421	480532.215	7866766.688
IP 4	40.590	480539.748	7866773.518
IP 5	47.038	480541.474	7866779.732
IP 6	56.763	480544.853	7866788.851
IP 7	66.488	480548.967	7866797.663
IP 8	76.212	480553.789	7866806.107
IP 9	85.937	480559.286	7866814.129
IP 10	95.662	480565.423	7866821.673
IP 11	105.386	480572.157	7866828.689
IP 12	115.111	480579.443	7866835.130
IP 13	124.835	480587.232	7866840.952
IP 14	134.560	480595.472	7866846.116
IP 15	144.025	480603.877	7866850.469
IP 16	246.442	480575.000	7866948.731
IP 17	255.379	480583.574	7866951.251

NOTES:

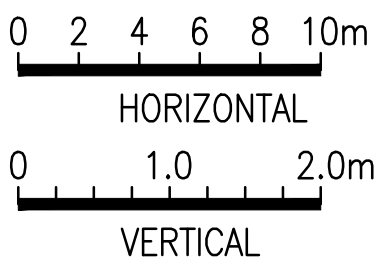
1. Pier setout points refer to the top centre of piers.
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5. Refer drawing 304702009-STN-01-001-DR-CI-070 to 071 for demolition
6. Refer drawing 304702009-STN-01-001-DR-CI-090 to 091 for earthworks
7. Refer drawing 304702009-STN-01-001-DR-CI-430 for stormwater longsection



LONGSECTION MRW02 - LOT 5003 RETAINING WALL

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-OBA-4225
Date: 25 February 2026



CO6 WALL HEIGHTS ADDED	RM	BM	2026/02/16
CO5 POST SETOUT NUMBERS ADDED	RM	BM	2026/01/13
CO4 NEW TELECOMMUNICATIONS CONDUIT	RM	BM	2025/12/18
CO3 ACOUSTIC BARRIER CHANGE	RM	BM	2025/10/31
CO2 WALL SETOUT AMENDMENT	RM	BM	2025/10/31
CO1 FOR TENDER	RM	BM	2025/10/17
Issued/Revision	By	Appd	YYYY.MM.DD

Issue Status

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Client/Project

ECONOMIC DEVELOPMENT QUEENSLAND
OONOONBA PDA
NOISE BARRIER

Mellia, Brendan
RPEQ No. 24432
2026-02-18
11:51:48+10:00

RM

RM

GJ

BM

2025/10/17

Appd.

YYYY.MM.DD

Title

LONGSECTION MRW02
SHEET 1 OF 2

Project No.

304702009

Auth. Ref.

BM 24432

Scale at A1
AS SHOWN

Revision

CO6

Drawing No.

304702009-STN-01-001-DR-CI-000102

ALIGNMENT MRW->MRW02 HORIZONTAL IPS

PT	CHAINAGE	EASTING	NORTHING
IP 1	0.000	480502.158	7866763.488
IP 2	5.814	480507.925	7866762.751
IP 3	30.421	480532.215	7866766.688
IP 4	40.590	480539.748	7866773.518
IP 5	47.038	480541.474	7866779.732
IP 6	56.763	480544.853	7866788.851
IP 7	66.488	480548.967	7866797.663
IP 8	76.212	480553.789	7866806.107
IP 9	85.937	480559.286	7866814.129
IP 10	95.662	480565.423	7866821.673
IP 11	105.386	480572.157	7866828.689
IP 12	115.111	480579.443	7866835.130
IP 13	124.835	480587.232	7866840.952
IP 14	134.560	480595.472	7866846.116
IP 15	144.025	480603.877	7866850.469
IP 16	246.442	480575.000	7866948.731
IP 17	255.379	480583.574	7866951.251

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

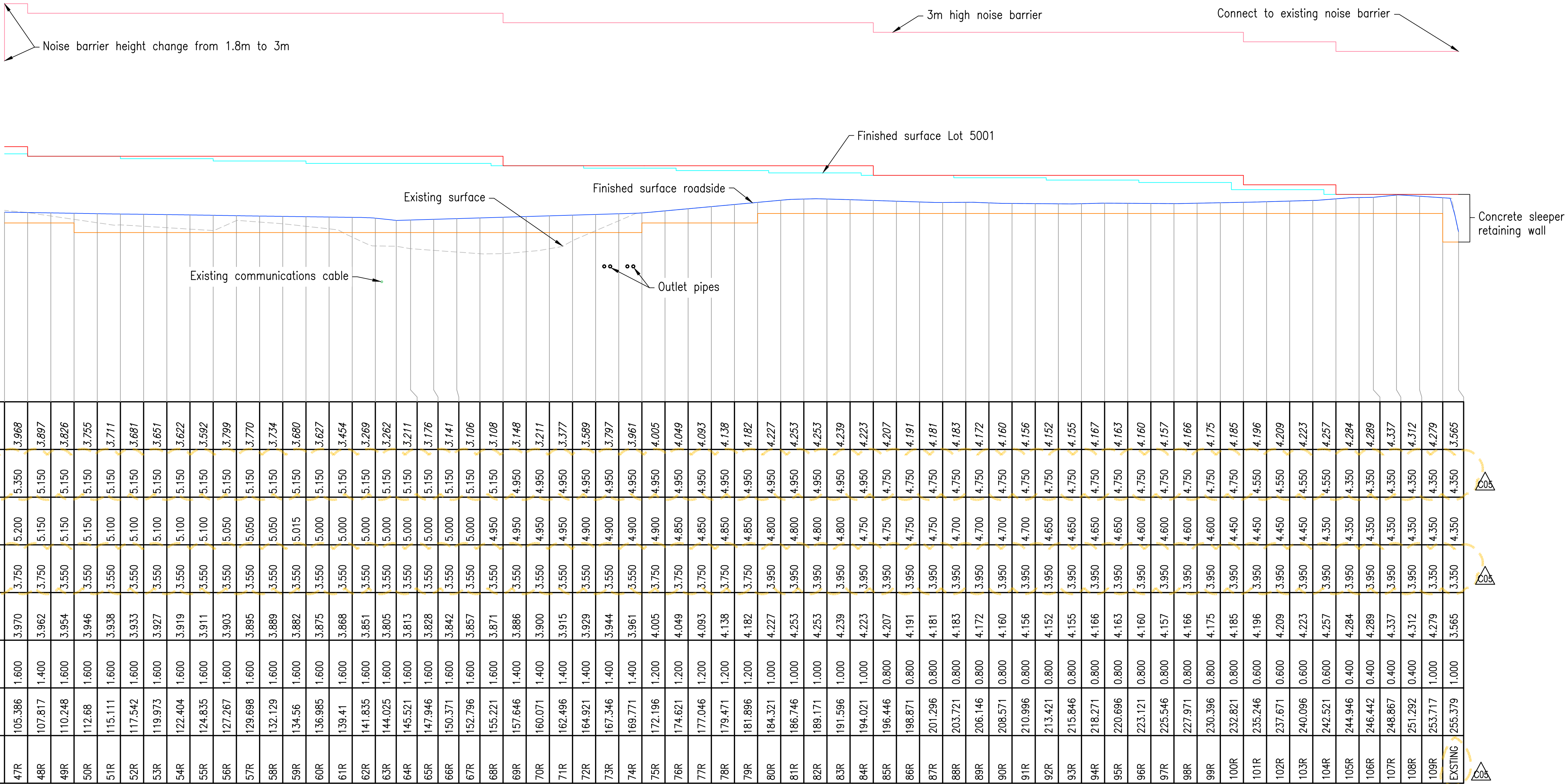
Approval no: DEV-2026-OBA-4225

Date: 25 February 2026



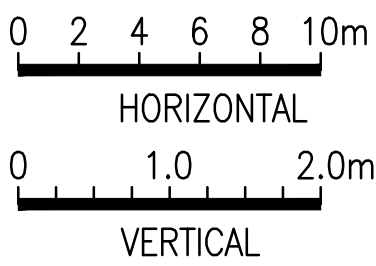
NOTES:

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2. Drain setout points refer to the centre of the pipe bank.
3. Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
4. Refer drawing 304702009-STN-01-001-DR-CI-050 to 051 for services
5. Refer drawing 304702009-STN-01-001-DR-CI-070 to 071 for demolition
6. Refer drawing 304702009-STN-01-001-DR-CI-090 to 091 for earthworks
7. Refer drawing 304702009-STN-01-001-DR-CI-430 for stormwater longsection



LONGSECTION MRW02 - LOT 5003 RETAINING WALL

HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:50



C05 WALL HEIGHTS ADDED	RM	BM	2026/02/16
C04 POST SETOUT NUMBERS ADDED	RM	BM	2026/01/13
C03 ACOUSTIC BARRIER CHANGE	RM	BM	2025/10/31
C02 WALL SETOUT AMENDMENT	RM	BM	2025/10/31
C01 FOR TENDER	RM	BM	2025/10/17
Issued/Revision	By	Appd	YYYY.MM.DD

Issue Status

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Datum
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Client/Project Logo



Client/Project

ECONOMIC DEVELOPMENT QUEENSLAND
OONONBA PDA
NOISE BARRIER

Mellita, Brendan
RFEC No 24432
2026.02.19
11:52:39+1000

RM	RM	GJ	BM	2025/10/17
Dwn.	Dsgn.	Chkd.	Appd.	YYYY.MM.DD

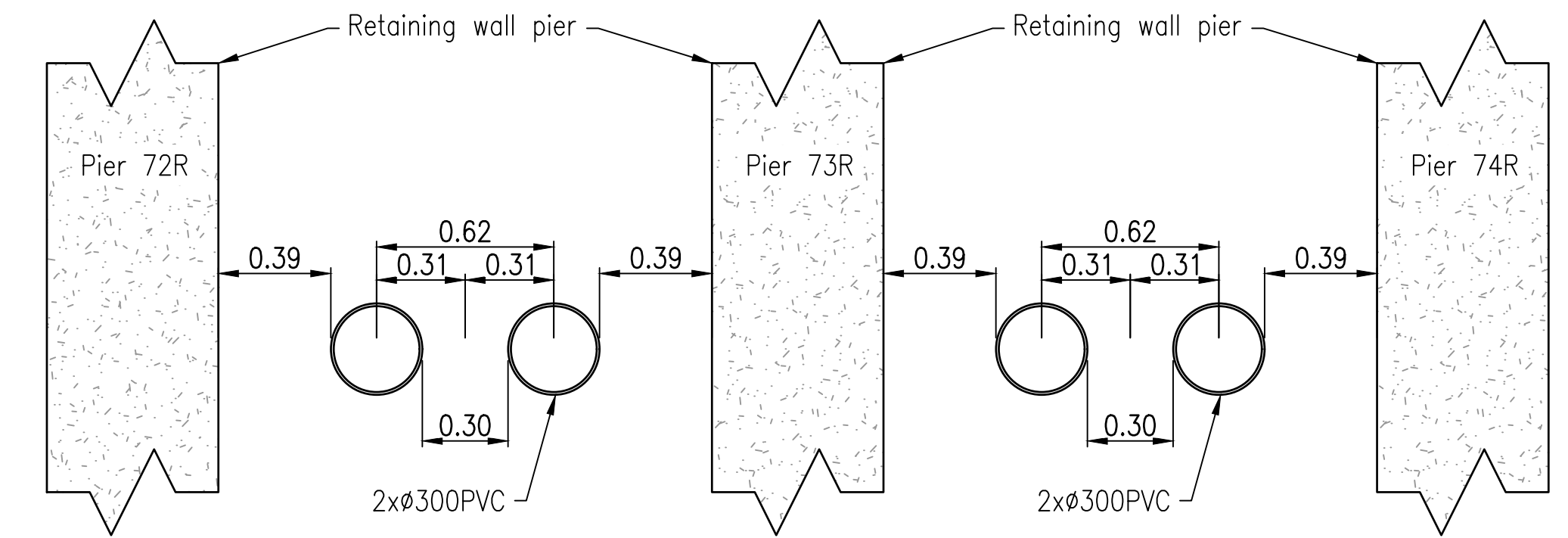
Title

LONGSECTION MRW02
SHEET 2 OF 2

Project No. 304702009
Auth. Ref. BM 24432
Scale at A1 AS SHOWN

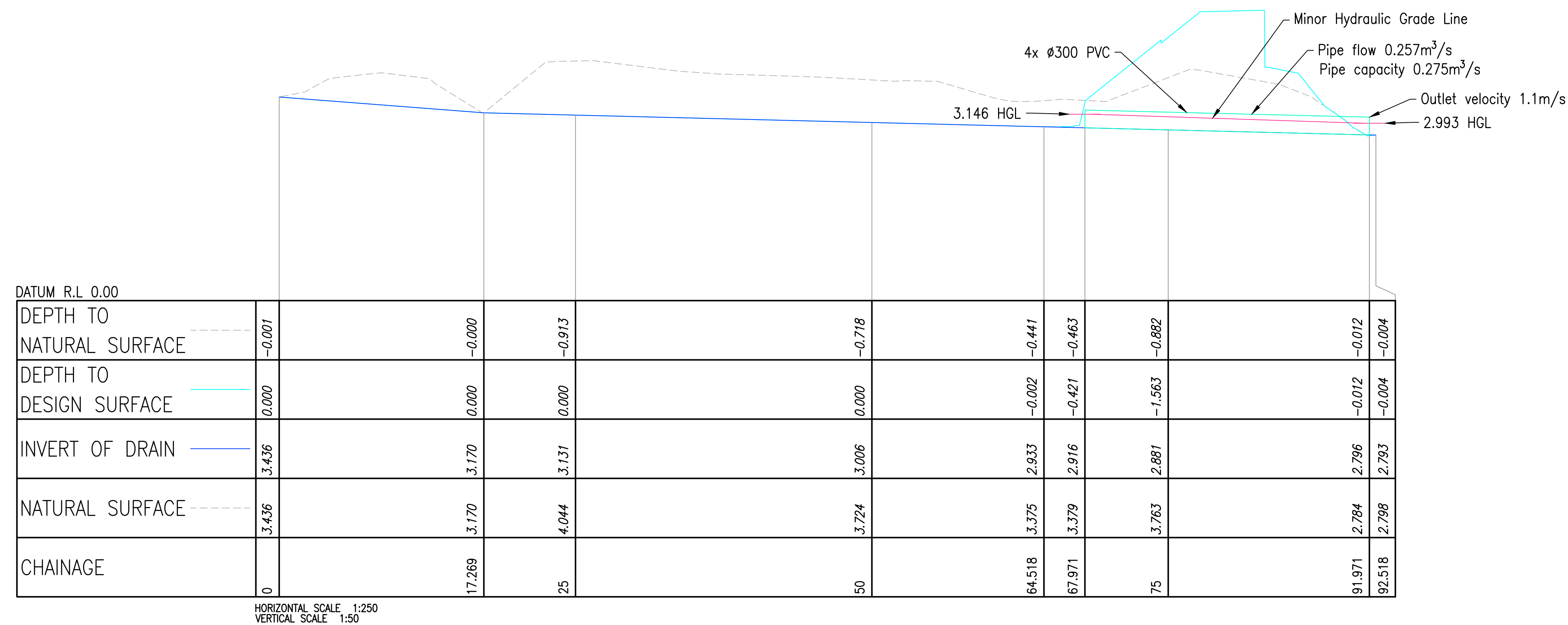
Revision C05
Drawing No. 304702009-STN-01-001-DR-CI-000103

1. Refer drawing 304702009-STN-01-001-DR-CI-010 to 011 for typical sections, notes and legends
2. Refer drawing 304702009-STN-01-001-DR-CI-100 to 103 for retaining wall setout and longsection
3. Refer drawing 304702009-STN-01-001-DR-CI-400 for stormwater catchment



ALIGNMENT RW CATCH DRAIN->MDRW01 HORIZONTAL IPS

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	RADIUS	A.LENGTH	DEFLECT. ANGLE
IP 1	0.000	480536.765	7866816.256	3.436			
IP 2	32.259	480554.415	7866843.861	3.095	150.000	64.518	24°38'38.56"
IP 3	92.518	480605.514	7866876.746	2.763			

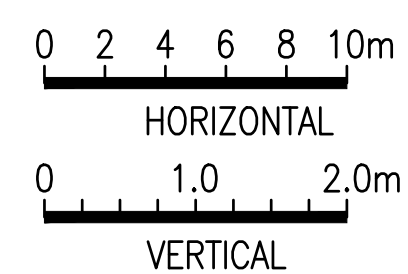


LONGSECTION MDRW01 - LOT 5003 TEMPORARY DRAIN

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-OBA-4225

Date: 25 February 2026



C02 LOT No. CHANGE to 5003	RM	BM	2025/10/31
C01 FOR TENDER	RM	BM	2025/10/31
Issued /Revision	By	Appd	YYYY-MM-DD

Issue Status

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Coordinate System
MGA/20-Zone 55
Datum
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Client/Project Logo



Client/Project
ECONOMIC DEVELOPMENT QUEENSLAND
OONOONBA PDA
NOISE BARRIER

Melita, Brendan
RPEQ No: 24432
2026.02.19
11:54:16+10'00'

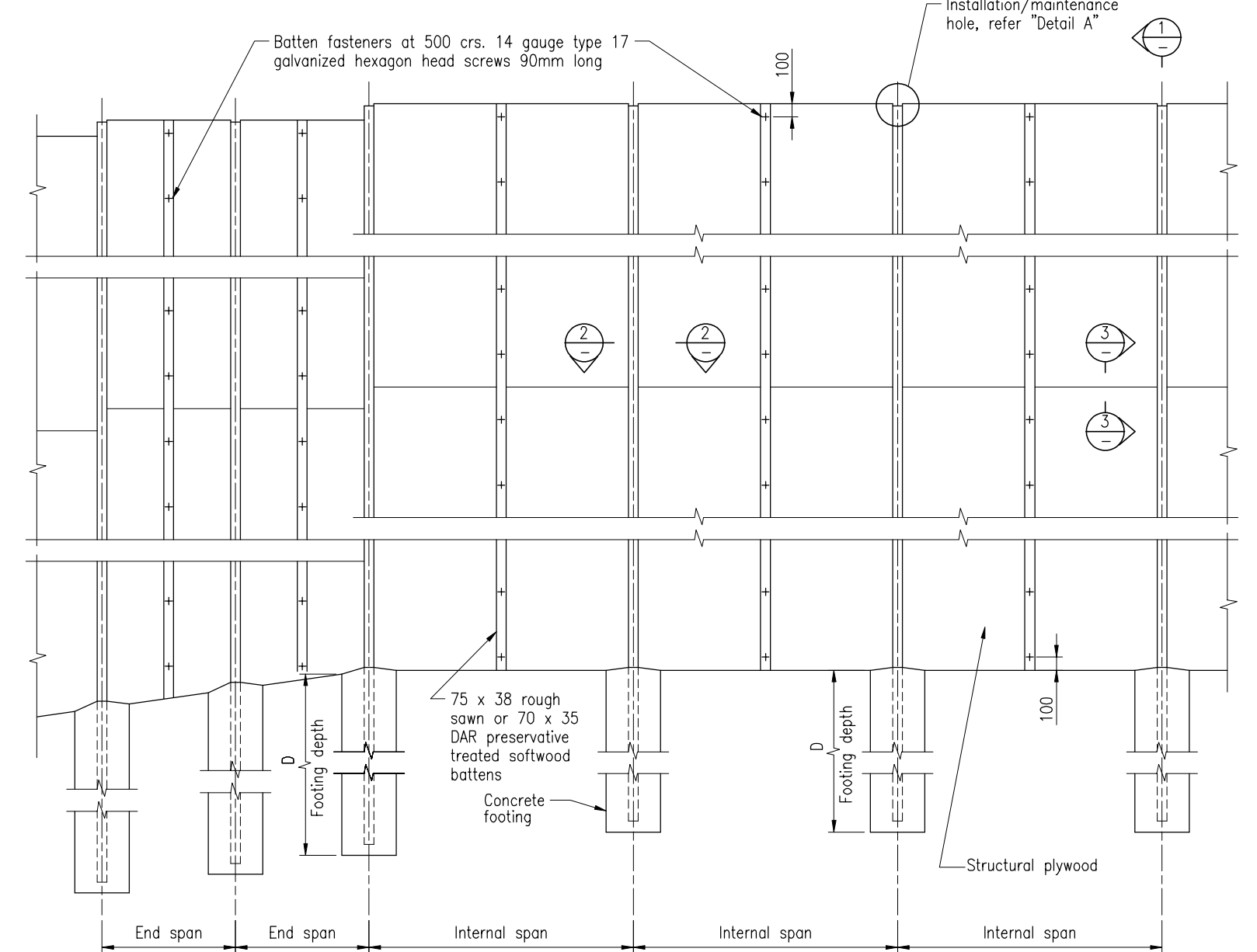
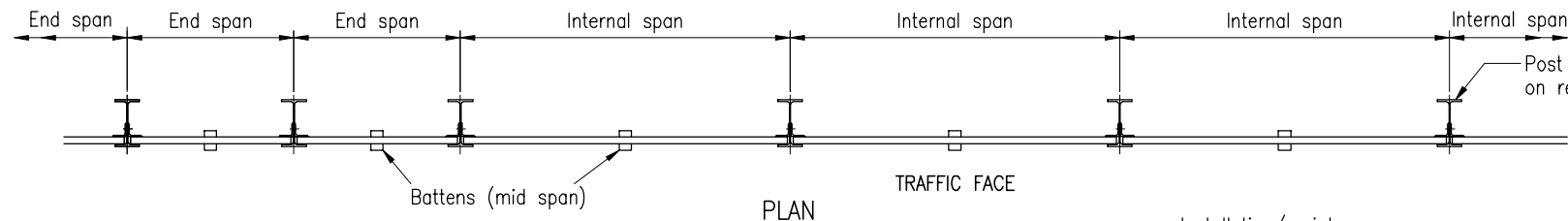
<u>RM</u>	<u>RM</u>	<u>GJ</u>	<u>BM</u>	<u>2025/10/17</u>
<u>Dwn</u>	<u>Dsn</u>	<u>Chkd</u>	<u>Appd</u>	<u>YYYY MM DD</u>

Title

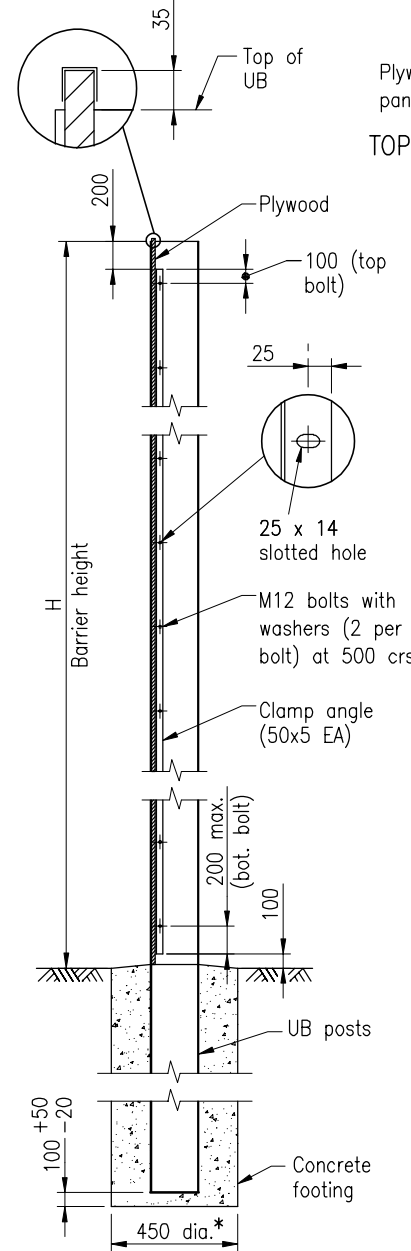
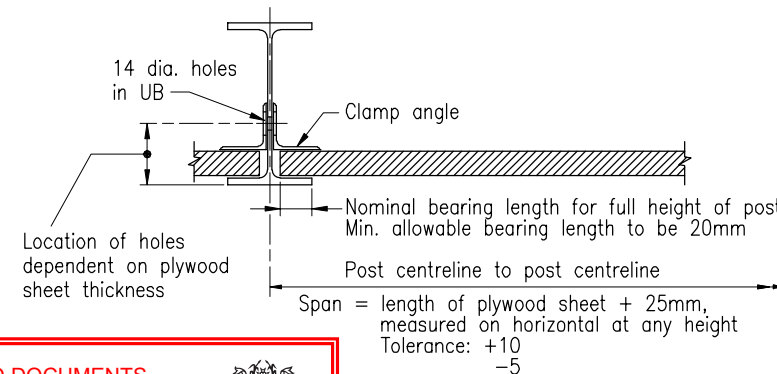
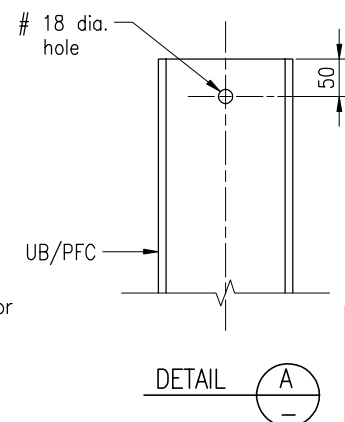
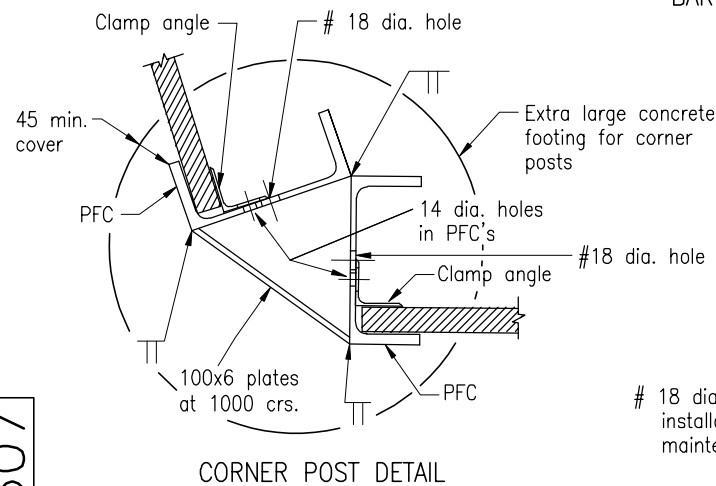
LONGSECTION MDRW01

Project No.	Auth. Ref.	Scale at A1
304702009	BM 24432	AS SHOWN

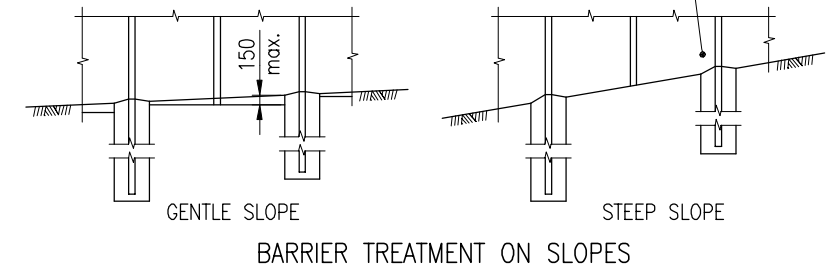
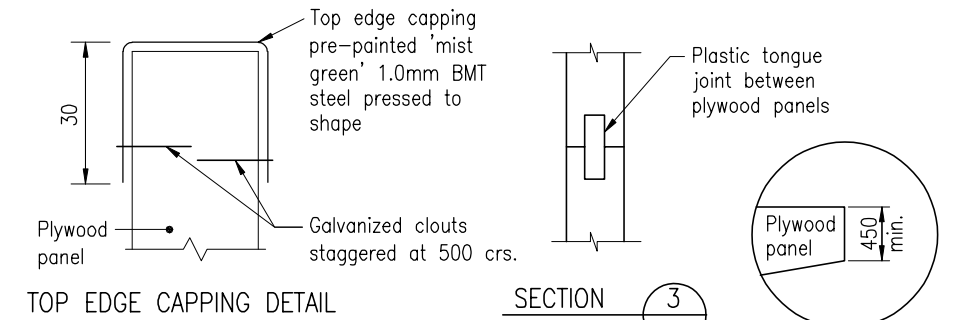
Revision	Drawing No.
C02	304702009-STN-01-001-DR-CI-000430



Barrier Assembly Detail



* Refer Notes 12 and 13



NOTES:

- ALL DIMENSIONS to be verified on site by Contractor before fabrication of steel posts.
- STEEL POSTS:
 - Posts to be UB's except at corners. Posts to be composite PFC's at corners.
 - The barrier label and post number shall be welded (or by other method approved by the Superintendent) on each post and to be clearly visible after galvanizing eg [B2] ie Barrier B, Post No. 2.
 - 14mm diameter holes, for M12 bolts at 500mm centres, to be drilled.
 - Corner posts to be fabricated as detailed.
 - After fabrication, all posts to have weld splatter and welding slag removed prior to hot dip galvanizing to AS/NZS 4680.
- CLAMP ANGLES:
 - Clamp angles to be fabricated from 50x5 EA.
 - 25x14mm slotted holes at 500mm centres to align with 14mm diameter holes in posts.
 - Fabricated clamp angles shall be hot dip galvanized to AS/NZS 4680.
- HOT ROLLED SECTIONS shall be grade 300 or as specified to AS/NZS 3679.1.
- STEEL PLATES to be grade 250 to AS/NZS 3678.
- WELDING to be to AS/NZS 1554.1. Welding symbols are to AS 1101.3.
- SCREWS shall be self tapping 14 gauge type 17 hexagon head as specified in MRS11.15 Noise Barriers.
- WASHERS FOR SCREWS shall be 32mm OD Dekfast Part No. DS332145 metal/bonded washers or approved equivalent. The support material shall be 1mm galvanized steel or approved equivalent and the moulded material shall be EPDM Polymer.
- BOLTS to be grade 4.6 to AS/NZS 1111, nuts to be grade 5 to AS/NZS 1112 and washers to AS 1237. Bolts and nuts to be hot dip galvanized to AS 1214. Washers to be hot dip galvanized to AS/NZS 4680.
- PLYWOOD shall be stress grade F14 or better to AS/NZS 2269 and shall be treated to hazard level 4 (H4) if in contact with the ground and to hazard level 3 (H3) elsewhere.
- TIMBER BATTENS shall be structural sawn softwood F5 or better to AS/NZS 1748 or AS 2858 and treated to hazard level 4 (H4).
- CONCRETE GRADE to be N25/20. 45mm Minimum concrete cover to steel posts.
- DETAILS to be shown elsewhere in the documents:
 - Span lengths: End span and internal span
 - Footing depths D
 - Footing diameter if not standard 450mm
 - Barrier labels and post numbers
 - Design permissible wind speed (Vzp)
 - Barrier height H
 - UB and PFC sizes
 - Plywood thickness
 - Drainage slot details
- DIMENSIONS are in millimetres unless shown otherwise.

ASSOCIATED DOCUMENTS:

Department of Main Roads Manual of Standard Drawings Roads
Department of Main Roads Manual of Standard Specifications Roads

REFERENCED DOCUMENTS:

Standard Specifications:
MRS11.15 Noise Barriers

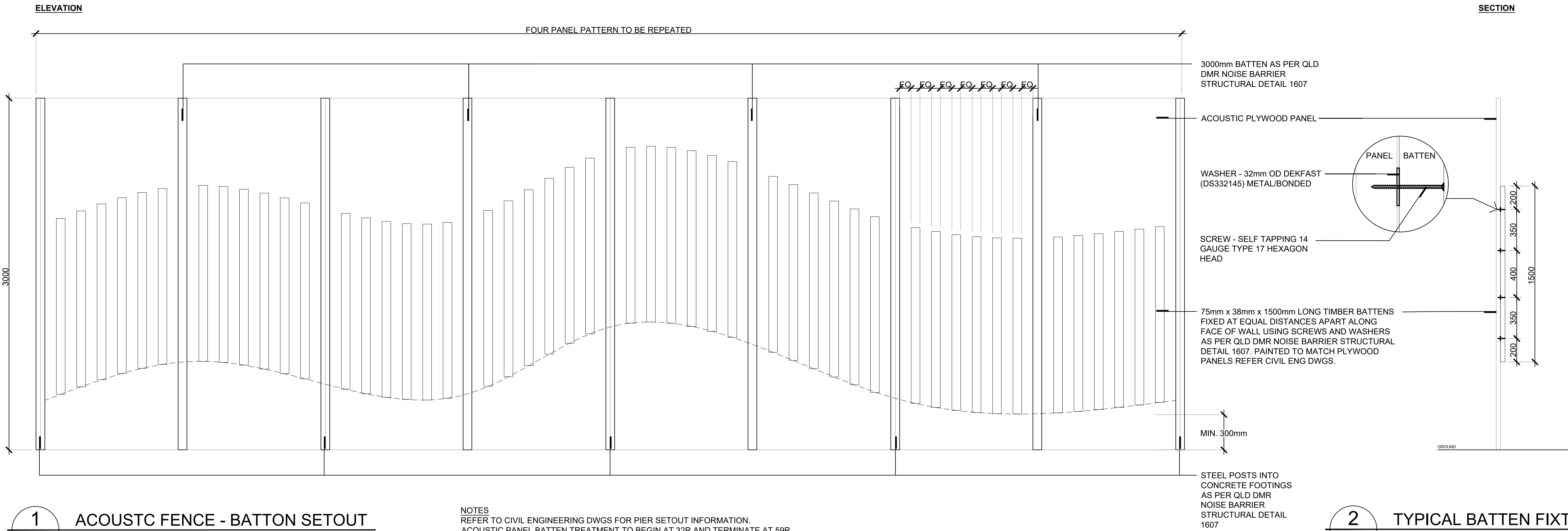
NOISE BARRIERS		Queensland Government Department of Main Roads	
STRUCTURAL DETAIL UNIVERSAL BEAM POSTS PLYWOOD PANELS	Size A3	Drawing No	
	Scales	1607	
	as shown	Date	4/04
		A	B

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-OBA-4225

Date: 25 February 2026





1
602

ACOUSTC FENCE - BATTON SETOUT
1:20 @ A1

NOTES
REFER TO CIVIL ENGINEERING DWGS FOR PIER SETOUT INFORMATION.
ACOUSTIC PANEL BATTEN TREATMENT TO BEGIN AT 32R AND TERMINATE AT 59R.
PATTERN IS TO REPEAT SEAMLESSLY ACROSS PANEL SURFACES BETWEEN THESE TWO PIER SETOUT POINTS.

2
602

TYPICAL BATTEN FIXTURE
1:20 @ A1

Use figured dimensions in preference to scaled. Notify the Landscape Architect before proceeding if any anomaly is found between this drawing and conditions on site. Location of existing services are indicative only. verify on site prior to commencing works.
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Issue	Date	Details	Approved
A	16.12.25	FOR TENDER	NP

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Client:
**ECONOMIC DEVELOPMENT
QUEENSLAND**
Contact Name: ANNA VANGSNESS
Client Address: GPO BOX 2202
BRISBANE, QLD, 4001

Project:
**OONOONBA
ACOUSTIC FENCE**

Designed by:	Drawn by:	Checked:
NP	FS	NP

Drawing Title:
DETAILS

Issue Detail:
FOR TENDER
Sheet No.:
L-0600
Issue:
A

**PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL**

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Date: 25 February 2026

