

FLAGSTONE CITY
UNK SEWER CONTEXT AREA 3
NEW BEITH ROAD, FLAGSTONE
FOR 'PEET FLAGSTONE CITY Pty. Ltd.'

DRAWING LIST

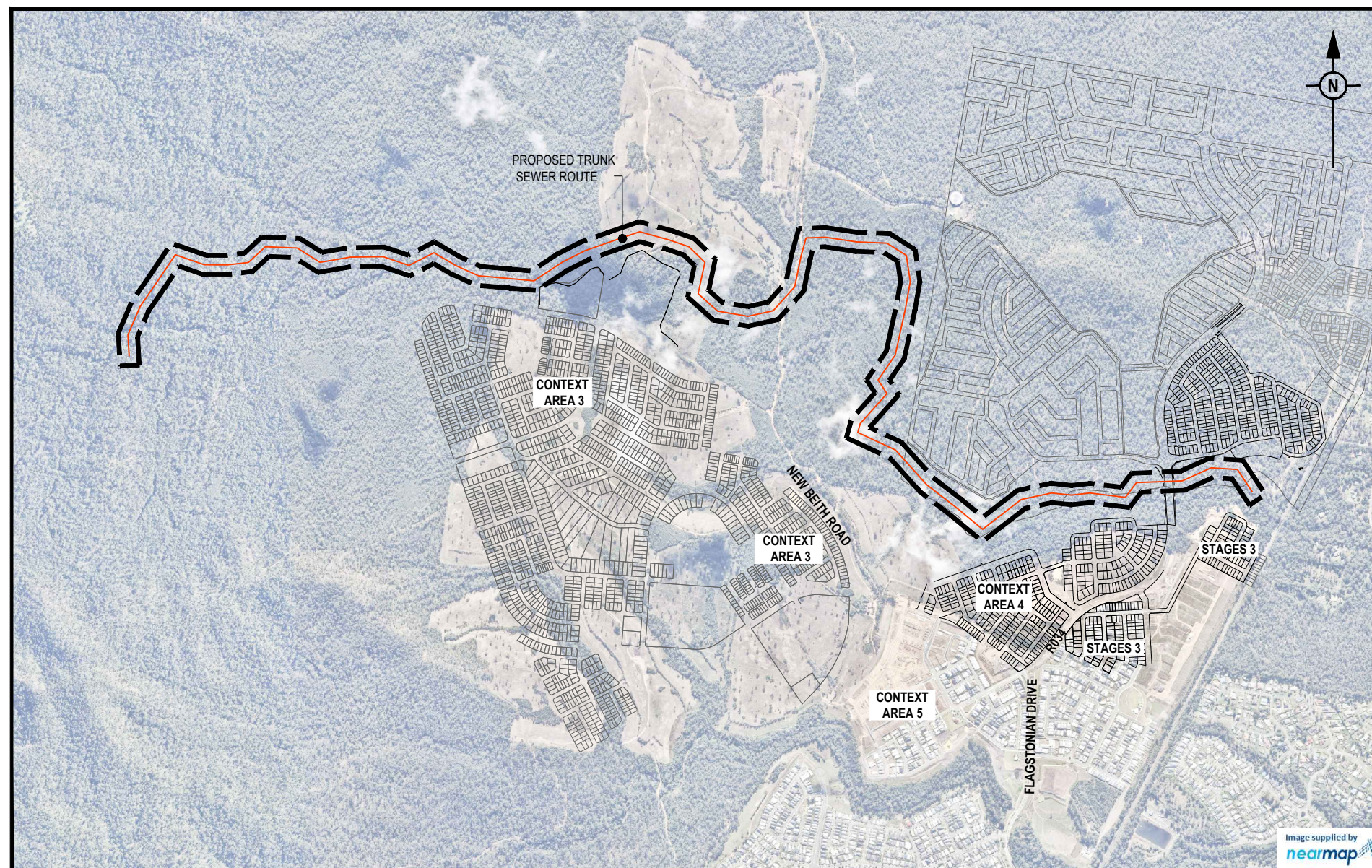
20-0211-DA-0600	TRUNK SEWER COVER PLAN
20-0211-DA-0610	TRUNK SEWER OVERALL LAYOUT PLAN
20-0211-DA-0611	TRUNK SEWER LAYOUT PLAN SHEET 1 OF 7
20-0211-DA-0612	TRUNK SEWER LAYOUT PLAN SHEET 2 OF 7
20-0211-DA-0613	TRUNK SEWER LAYOUT PLAN SHEET 3 OF 7
20-0211-DA-0614	TRUNK SEWER LAYOUT PLAN SHEET 4 OF 7
20-0211-DA-0615	TRUNK SEWER LAYOUT PLAN SHEET 5 OF 7
20-0211-DA-0616	TRUNK SEWER LAYOUT PLAN SHEET 6 OF 7
20-0211-DA-0617	TRUNK SEWER LAYOUT PLAN SHEET 7 OF 7
20-0211-DA-0620	TRUNK SEWER LONGITUDINAL SECTIONS SHEET 1 OF 6
20-0211-DA-0621	TRUNK SEWER LONGITUDINAL SECTIONS SHEET 2 OF 6
20-0211-DA-0622	TRUNK SEWER LONGITUDINAL SECTIONS SHEET 3 OF 6
20-0211-DA-0623	TRUNK SEWER LONGITUDINAL SECTIONS SHEET 4 OF 6
20-0211-DA-0624	TRUNK SEWER LONGITUDINAL SECTIONS SHEET 5 OF 6
20-0211-DA-0625	TRUNK SEWER LONGITUDINAL SECTIONS SHEET 6 OF 6

PROJECT INFORMATION SUMMARY:
RP DESCRIPTION LOT 910 ON SP339534 LOT 4 ON SP332712 LOT 2 ON RP25922 LOT 1 ON RP35155 LOT 989 ON SP348566 LOT 989 ON CP857841 LOT 5 ON S312569 LOT 5 ON S312569 LOT 988 ON CP857841
DATUM LEVEL AND LOCATION P.S.M. 107142 RL 39.078 AHD LOCAL
LOCAL AUTHORITY: LOGAN CITY COUNCIL
COUNCIL REFERENCE NUMBER: XX/XX

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

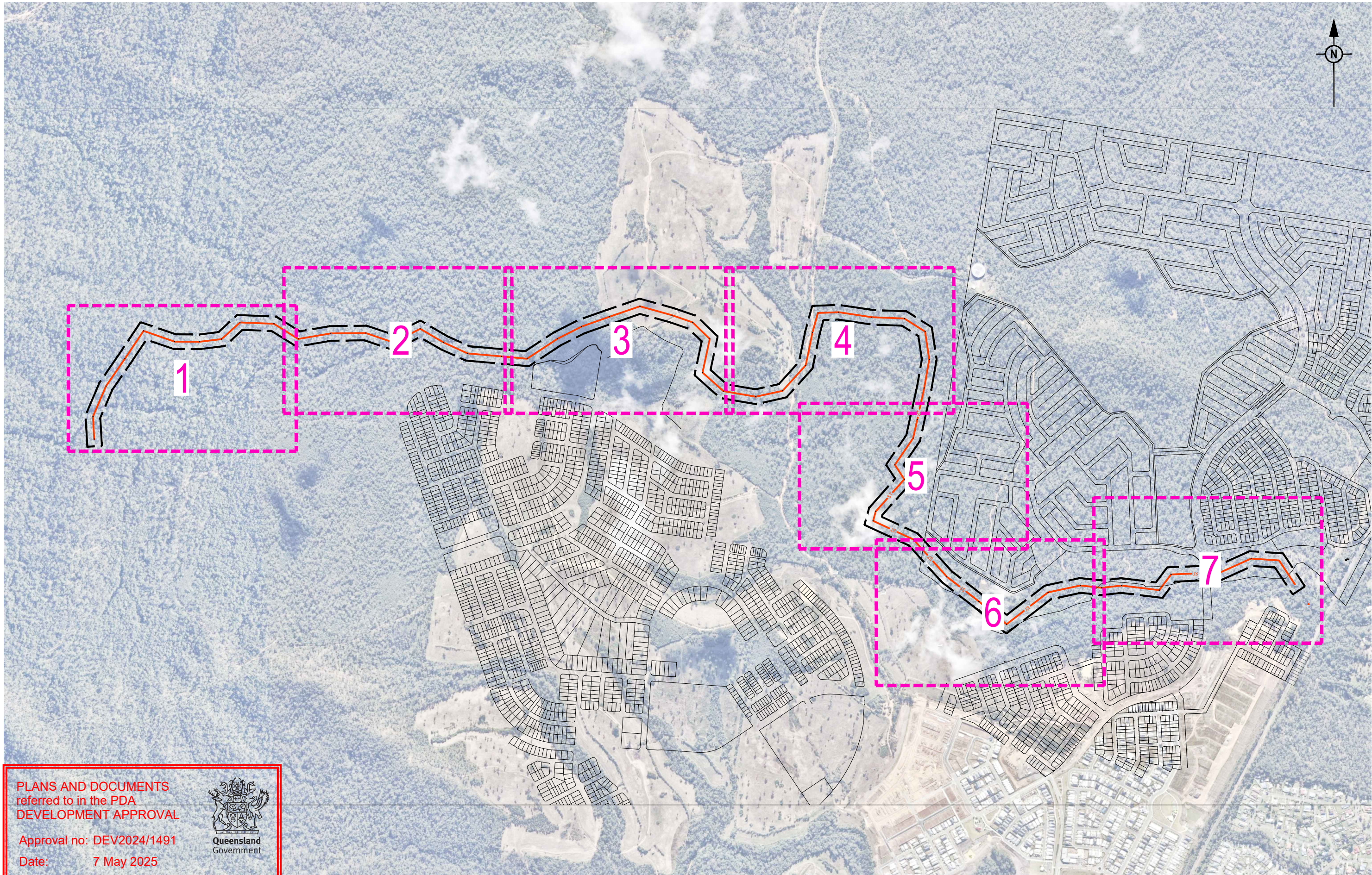
Approval no: DEV2024/1491

Date: 7 May 2025



LOCALITY PLAN
SCALE 1:10,000 (A1)
SCALE 1:20,000 (A3)

REV	DATE	DESIGN	DRAWN	REVISION DETAILS		DRAWN	STATUS		SCALE 1:10000 100 0 100 200 300 400 500 A1 1:20000  A3	CLIENT PEET FLAGSTONE CITY Pty. Ltd. ASSOCIATED CONSULTANT VERIS PHONE: (07) 3666 4700	PROJECT NAME FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3 NEW BEITH ROAD FLAGSTONE	DRAWING TITLE TRUNK SEWER COVER PLAN		
A	22.08.24	SC	SC	ORIGINAL ISSUE			NOT FOR CONSTRUCTION					DESIGN APPROVED DANIEL COLLINS RPEQ 18631 FOR AND ON BEHALF OF COLLIER'S INTERNATIONAL ENGINEERING & DESIGN PTY. LTD.	PROJECT No. 20-0211	DRAWING No. DA-0600
		</												



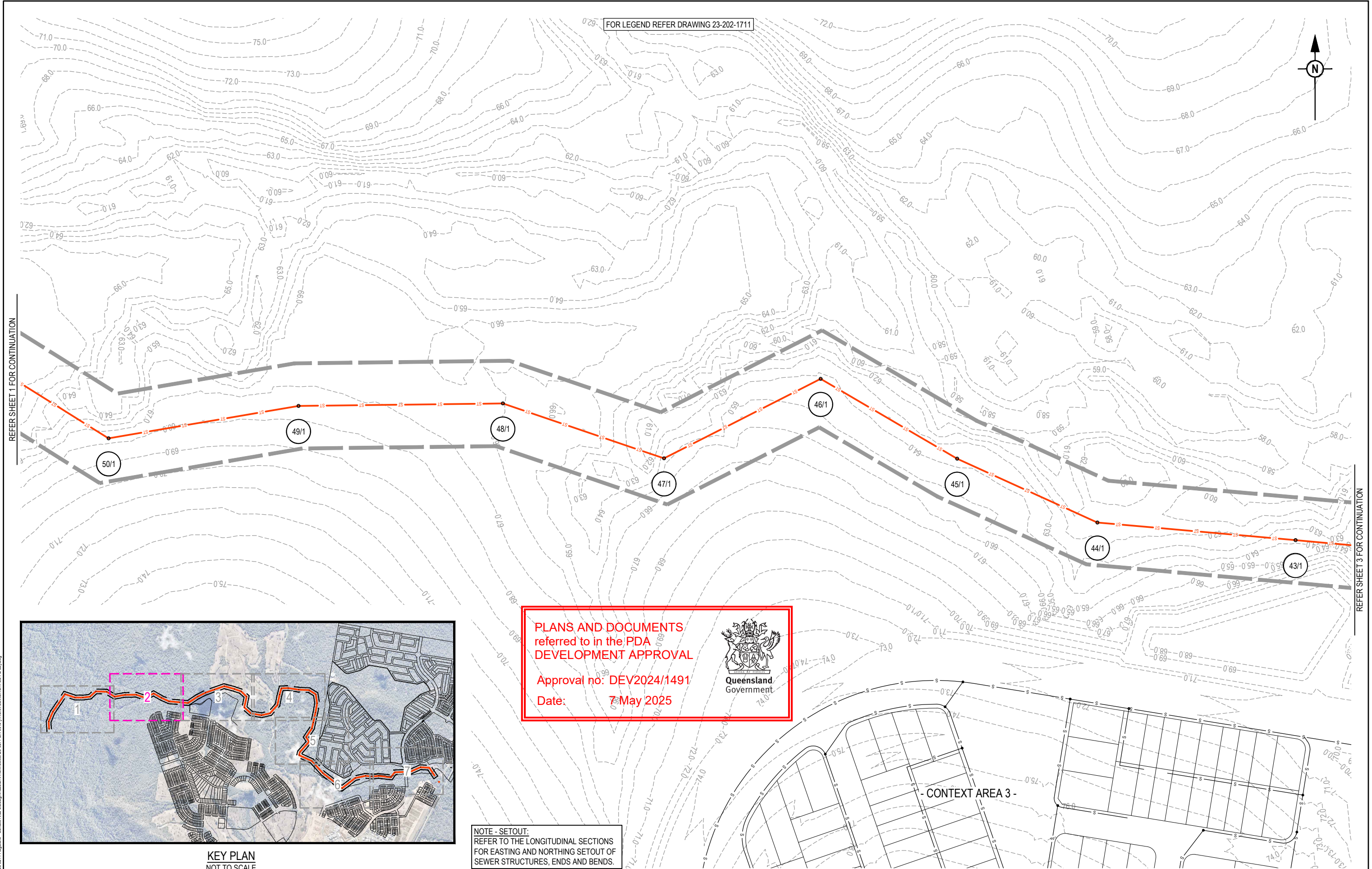
PLANS AND DOCUMENTS
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DEVELOPMENT APPROVAL

Approval no: DEV2024/1491

Date: 7 May 2025

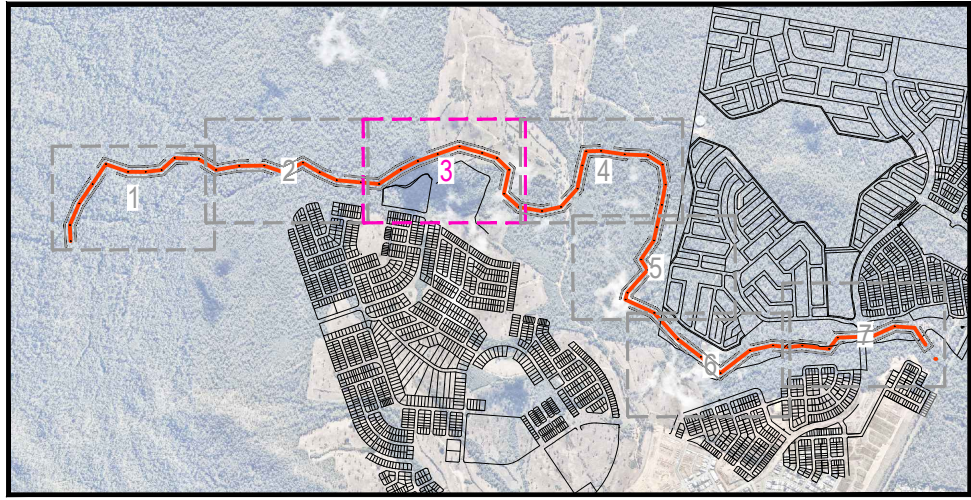


REV	DATE	DESIGN	DRAWN	REVISION DETAILS		DRAWN	STATUS		SCALE		CLIENT	PROJECT NAME		DRAWING TITLE		
A	22.08.24	SC	SC	ORIGINAL ISSUE			NOT FOR CONSTRUCTION				PEET FLAGSTONE CITY Pty. Ltd.	FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3		TRUNK SEWER OVERALL LAYOUT PLAN		
																
						DESIGN	APPROVED DANIEL COLLINS RPEQ 18631				ASSOCIATED CONSULTANT	NEW BEITH ROAD FLAGSTONE		PROJECT No.	DRAWING No.	REVISION
									FOR AND ON BEHALF OF COLLIERS INTERNATIONAL ENGINEERING & DESIGN PTY LTD		VERIS PHONE: (07) 3666 4700			20-0211	DA-0610	A

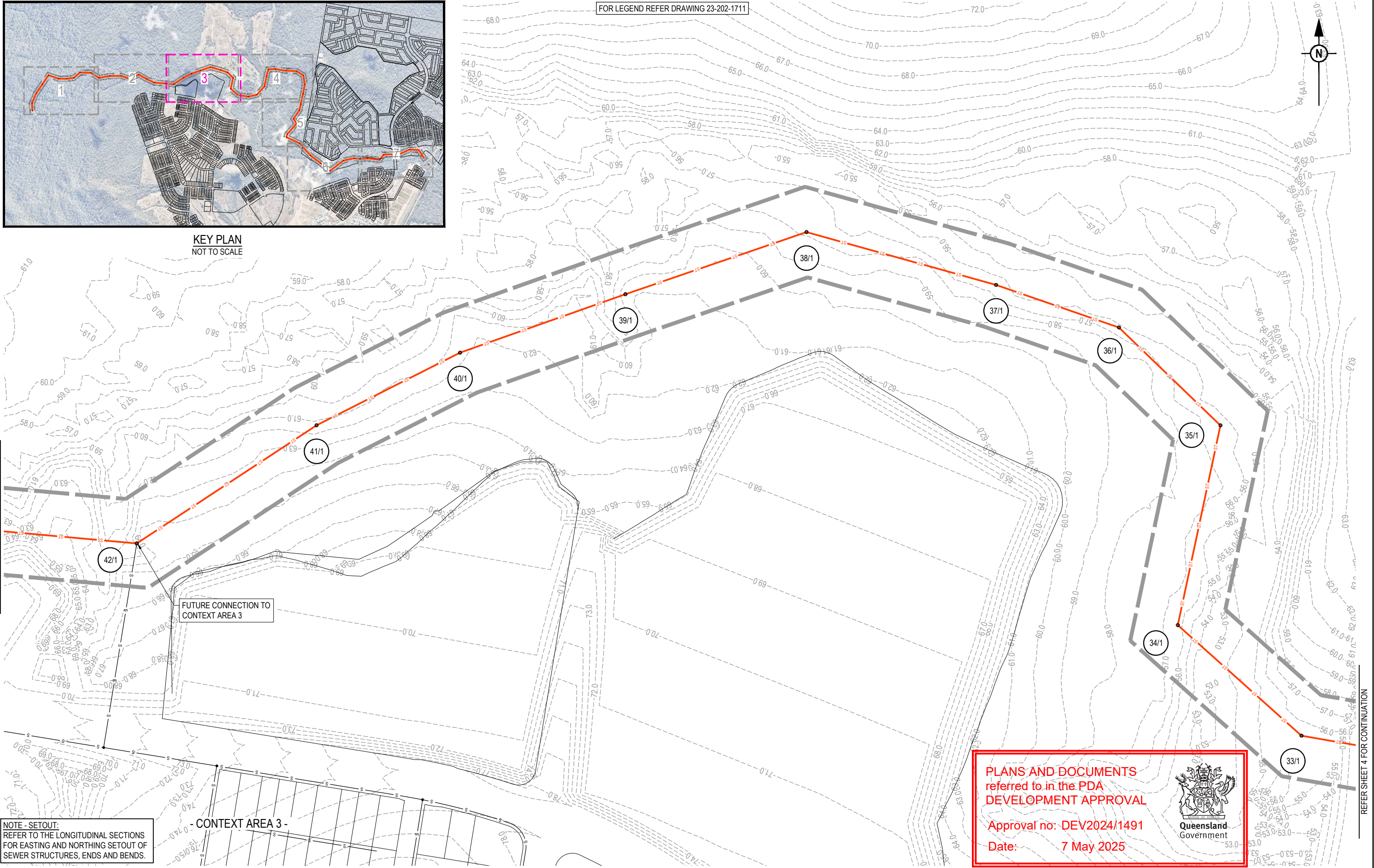


REVISION DETAILS					DRAWN		STATUS		SCALE		CLIENT		PROJECT NAME		DRAWING TITLE		
REV	DATE	DESIGN	DRAWN	ORIGINAL ISSUE					1:1000	1:2000	PEET FLAGSTONE CITY Pty. Ltd.		FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3		TRUNK SEWER LAYOUT PLAN SHEET 2 OF 7		
A	22.08.24	SC	SC				NOT FOR CONSTRUCTION		10 0 10 20 30 40 50 A1		ASSOCIATED CONSULTANT		NEW BEITH ROAD FLAGSTONE		PROJECT No.	DRAWING No.	REVISION
							DESIGN APPROVED DANIEL COLLINS RPEQ 18631		1:2000		VERIS PHONE: (07) 3666 4700				20-0211	DA-0612	A
							FOR AND ON BEHALF OF COLLIER'S INTERNATIONAL ENGINEERING & DESIGN PTY LTD										

PLOT: 22 Aug 2024 04:45 PM LOCATION: H:\2020\2021\Flagstone - Context Area 3\Design\Asset\DA\Trunk Sewer\2021-DA-0610 TRUNK SEWER LAYOUT 1.dwg



KEY PLAN
NOT TO SCALE



REFER SHEET 2 FOR CONTINUATION

REFER SHEET 4 FOR CONTINUATION

NOTE - SETOUT:
REFER TO THE LONGITUDINAL SECTIONS
FOR EASTING AND NORTHING SETOUT OF
SEWER STRUCTURES, ENDS AND BENDS.

- CONTEXT AREA 3 -

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL
Approval no: DEV2024/1491
Date: 7 May 2025



REV	DATE	DESIGN	DRAWN	REVISION DETAILS
A	22.08.24	SC	SC	ORIGINAL ISSUE

DRAWN	STATUS
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DESIGN	APPROVED DANIEL COLLINS RPEQ 18631
	FOR AND ON BEHALF OF COLLIERS INTERNATIONAL ENGINEERING & DESIGN PTY LTD

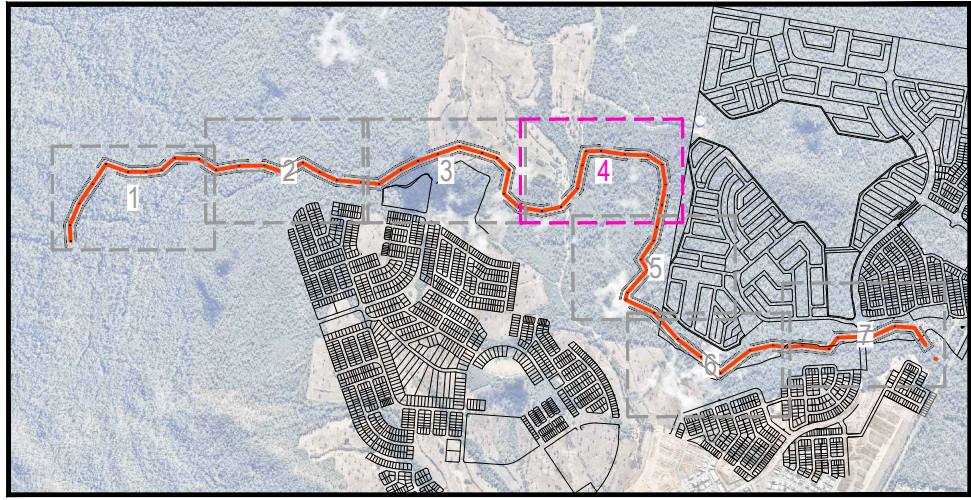


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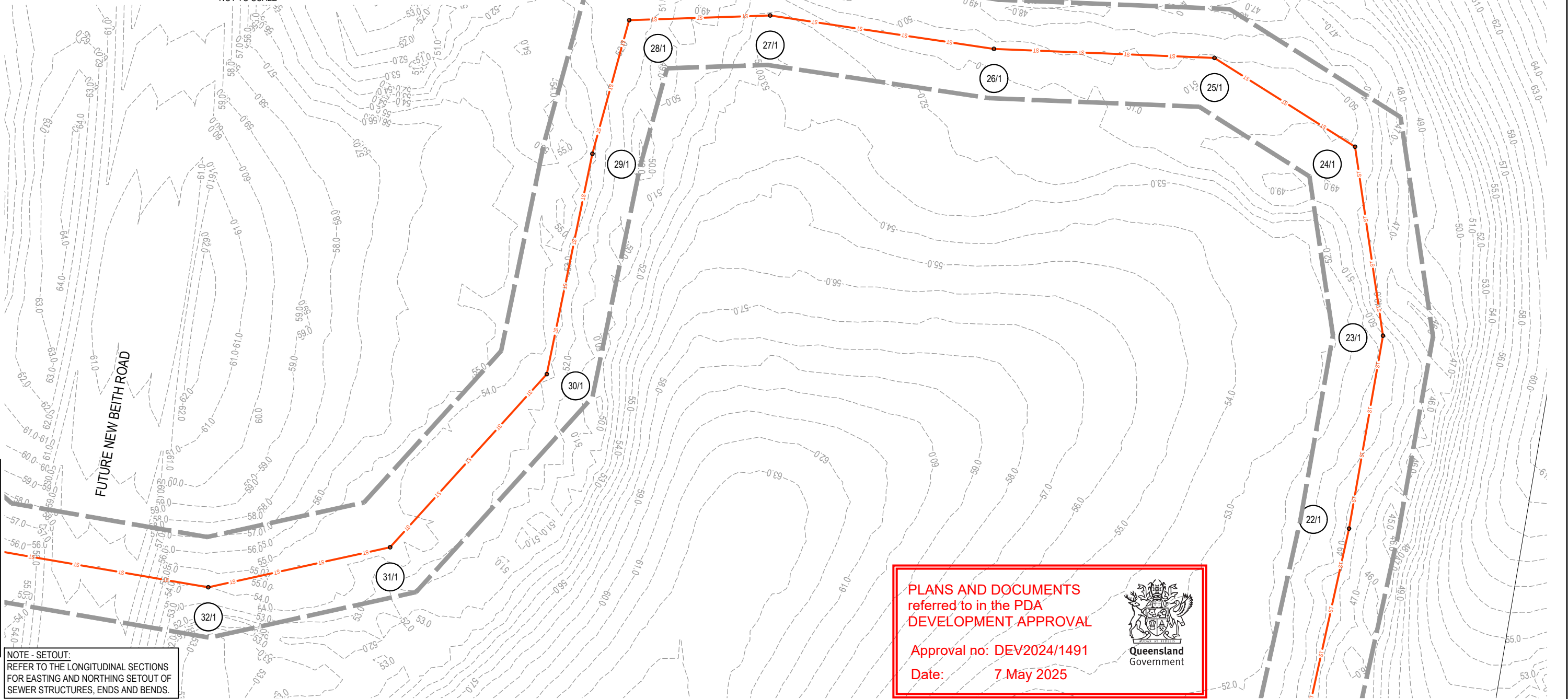
CLIENT
PEET FLAGSTONE CITY Pty. Ltd.
ASSOCIATED CONSULTANT
VERIS PHONE: (07) 3666 4700

PROJECT NAME
FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3
NEW BEITH ROAD FLAGSTONE

DRAWING TITLE		
TRUNK SEWER LAYOUT PLAN SHEET 3 OF 7		
PROJECT No.	DRAWING No.	REVISION
20-0211	DA-0613	A



KEY PLAN
NOT TO SCALE



NOTE - SETOUT:
REFER TO THE LONGITUDINAL SECTIONS
FOR EASTING AND NORTHING SETOUT OF
SEWER STRUCTURES, ENDS AND BENDS.

PLOT: 22 Aug 2024 04:45 PM LOCATION: H:\2020\2021\Flagstone - Context Area 3\Design\Map\DA\Trunk Sewer\2024\DA-0610 TRUNK SEWER LAYOUT 4.LS.dwg

REV	DATE	DESIGN	DRAWN	REVISION DETAILS
A	22.08.24	SC	SC	ORIGINAL ISSUE

DRAWN	STATUS
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DESIGN	APPROVED DANIEL COLLINS RPEQ 18631
	FOR AND ON BEHALF OF COLLIERS INTERNATIONAL ENGINEERING & DESIGN PTY LTD

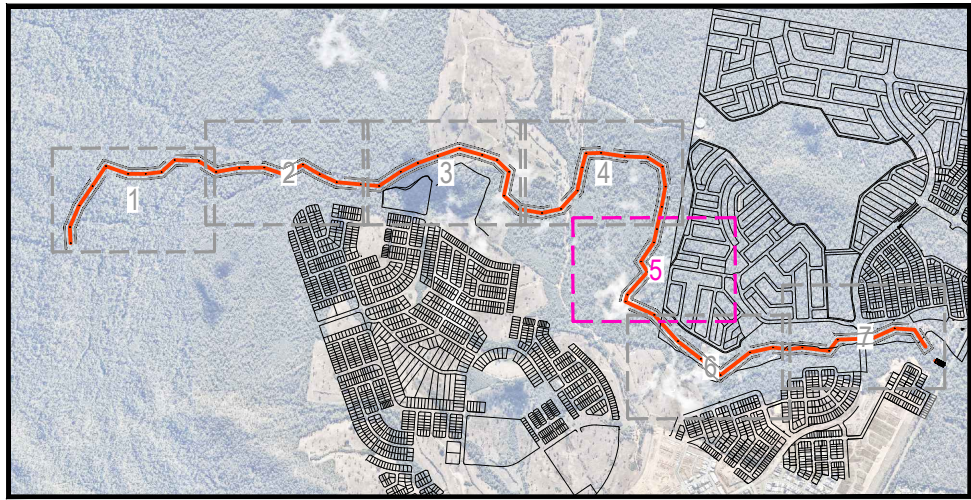


SCALE
1:1000 10 0 10 20 30 40 50 A1 1:2000

CLIENT
PEET FLAGSTONE CITY Pty. Ltd.
ASSOCIATED CONSULTANT
VERIS PHONE: (07) 3666 4700

PROJECT NAME
FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3
NEW BEITH ROAD FLAGSTONE

DRAWING TITLE		
TRUNK SEWER LAYOUT PLAN SHEET 4 OF 7		
PROJECT No.	DRAWING No.	REVISION
20-0211	DA-0614	A



KEY PLAN
NOT TO SCALE

PLANS AND DOCUMENTS
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Approval no: DEV2024/1491

Date: 7 May 2025



Queensland
Government

NOTE - SETOUT:
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FOR EASTING AND NORTHING SETOUT OF
SEWER STRUCTURES, ENDS AND BENDS.

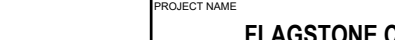
FOR LEGEND REFER DRAWING 23-202-1711

REFER SHEET 4 FOR CONTINUATION



- FUTURE DEVELOPMENT -

REFER SHEET 6 FOR CONTINUATION

REV		DATE		DESIGN		DRAWN		REVISION DETAILS					DRAWN		STATUS			SCALE					CLIENT		PROJECT NAME		DRAWING TITLE									
A		22.08.24		SC		SC		ORIGINAL ISSUE							NOT FOR CONSTRUCTION			1:1000 10 0 10 20 30 40 50 A1					PEET FLAGSTONE CITY Pty. Ltd.		FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3		TRUNK SEWER LAYOUT PLAN SHEET 5 OF 7									
													1:2000 A3																							
													DESIGN					APPROVED DANIEL COLLINS RPEQ 18631																		
																				FOR AND ON BEHALF OF COLLIERS INTERNATIONAL ENGINEERING & DESIGN PTY LTD					ASSOCIATED CONSULTANT		VERIS PHONE: (07) 3666 4700		NEW BEITH ROAD FLAGSTONE		PROJECT No. 20-0211		DRAWING No. DA-0615		REVISION A	

REFER SHEET 5 FOR CONTINUATION

FOR LEGEND REFER DRAWING 23-202-1711

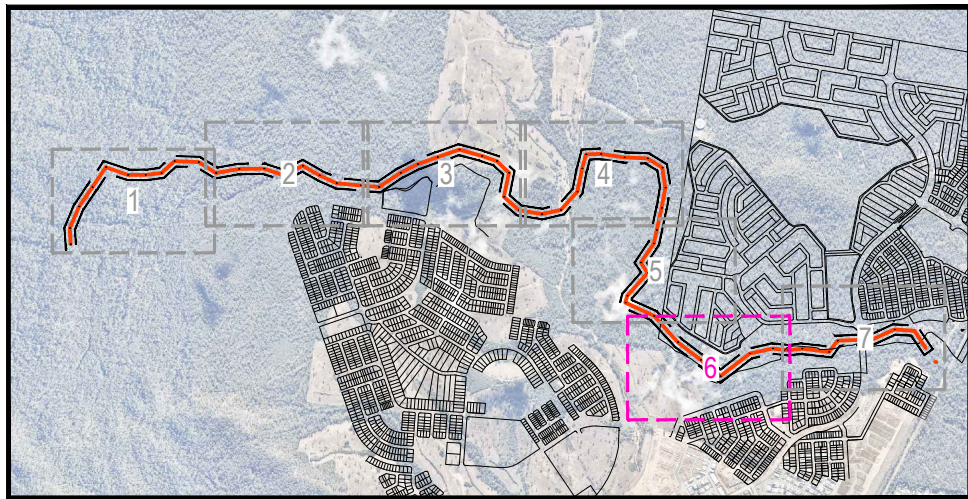
- FUTURE DEVELOPMENT -



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

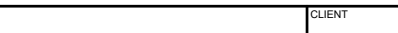
Approval no: DEV2024/1491

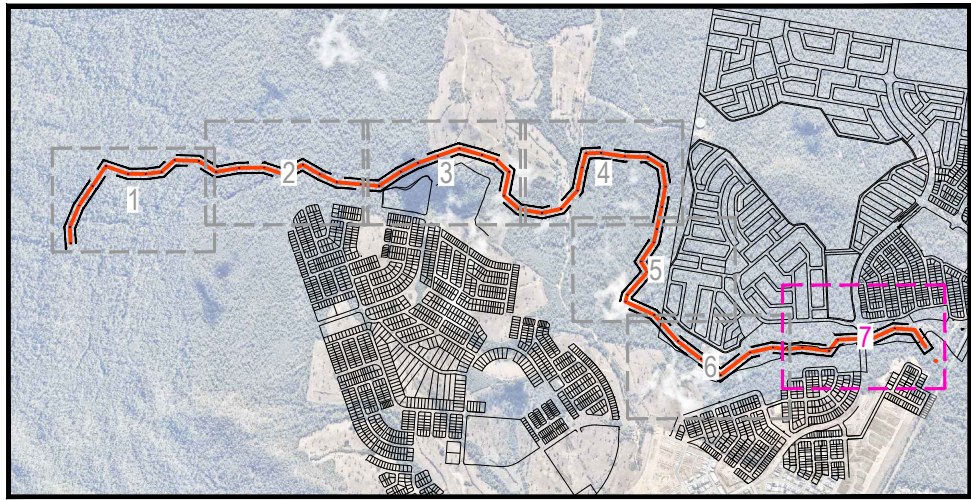
Date: 7 May 2025



KEY PLAN
NOT TO SCALE

NOTE - SETOUT:
REFER TO THE LONGITUDINAL SECTIONS
FOR EASTING AND NORTHING SETOUT OF
SEWER STRUCTURES, ENDS AND BENDS.

REVISION DETAILS					DRAWN	STATUS			SCALE		CLIENT	PROJECT NAME	DRAWING TITLE			
REV	DATE	DESIGN	DRAWN		A	SC	NOT FOR CONSTRUCTION		1:1000	10 0 10 20 30 40 50	PEET FLAGSTONE CITY Pty. Ltd.	FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3	TRUNK SEWER LAYOUT PLAN SHEET 6 OF 7			
A	22.08.24	SC	SC	ORIGINAL ISSUE			DESIGN		1:2000	A3			ASSOCIATED CONSULTANT		NEW BEITH ROAD FLAGSTONE	
							APPROVED DANIEL COLLINS RPEQ 18631				VERIS PHONE: (07) 3666 4700					
					FOR AND ON BEHALF OF COLLIER'S INTERNATIONAL ENGINEERING & DESIGN PTY LTD											



KEY PLAN
NOT TO SCALE



FOR LEGEND REFER DRAWING 23-202-1711



PLANS AND DOCUMENTS
referred to in the PDA
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Approval no: DEV2024/1491

Date: 7 May 2025



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SEWER STRUCTURES, ENDS AND BENDS.

REV	DATE	DESIGN	DRAWN	REVISION DETAILS
A	22.08.24	SC	SC	ORIGINAL ISSUE

DRAWN	STATUS
	NOT FOR CONSTRUCTION
DESIGN	APPROVED DANIEL COLLINS RPEQ 18631
	FOR AND ON BEHALF OF COLLIERS INTERNATIONAL ENGINEERING & DESIGN PTY LTD



SCALE
1:1000 10 0 10 20 30 40 50 A1
1:2000 10 0 10 20 30 40 50 A3

CLIENT
PEET FLAGSTONE CITY Pty. Ltd.
ASSOCIATED CONSULTANT VERIS PHONE: (07) 3666 4700

PROJECT NAME
FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3
NEW BEITH ROAD FLAGSTONE

DRAWING TITLE
TRUNK SEWER LAYOUT PLAN SHEET 7 OF 7
PROJECT No. 20-0211
DRAWING No. DA-0617
REVISION A

PLOT: 22 Aug 2024 04:46 PM LOCATION: H:\2020\2021\1 Flagstone - Context Area 3\Design\Area\DA\Trunk Sewer\20-021-DA-0610 TRUNK SEWER LAYOUT 13.dwg

STRUCTURE NAME	1/1A	1/1	2/1	3/1	4/1	5/1	6/1	7/1	8/1	9/1	10/1	11/1	12/1	13/1
STRUCTURE TYPE & DROP	C V	C V	C V	C V	C V	C V	C V	C V	B V	B V	B V	B V	B V	B V
STRUCTURE LID TYPE	D	D	D	D	D	D	D	D	D	D	D	D	D	D
JUNCT. LINE No.														
JUNCT. DROP TYPES	V	V	V	V	V	V	V	V	V	V	V	V	V	V
DEPTH TO HC														
HC INVERT LEVEL														
HC TYPE														
HC LOT No.														
CH FROM DS STRUCTURE														
SEWER STRUCTURE TYPES: A 1050mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1. B 1200mm DIA. CAST-INSITU. C 1500mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1. INTERNAL SURFACES SHALL BE COATED WITH A PE LINING SYSTEM IN ACCORDANCE WITH THE SEQ CODE AND SEQ-SPS-1407 DRAWING SET. DESIGN AND CONSTRUCT BY CONTRACTOR FOR DEPTHS THAN 6m. MS TYPE 'J'1 MAINTENANCE SHAFT WITH DN300 RISER. REFER TO SEQ-SEW-1314-1 & 1314-2 SEWER STRUCTURE DROPS: V STRAIGHT THROUGH SEWER TYPE 'V'. REFER TO SEQ-SEW-1303-1 X INTERNAL DROP TYPE 'X' . REFER TO SEQ-SEW-1303-1 MS-A 20mm DROP THROUGH BULB MS-B >750mm DROP INTO RISER SEWER STRUCTURE LIDS: B NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1 D TRAFFICABLE. REFER TO SEQ-SEW-1308-1	EXISTING LIDAR SURFACE LIVE CONNECTION POINT PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL Approval no: DEV2024/1491 Date: 7 May 2025  Queensland Government													
# EMBEDMENT NOTE: PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO 1201-5. TYPE 3 SUPPORT IS PROPOSED UNTIL FINAL GEOTECHNICAL INVESTIGATIONS ARE COMPLETED PRIOR TO CONSTRUCTION.														
DATUM RL(m)	21.0													
LAND USE														
PIPE DIA & TYPE														
PIPE GRADE (1 in x)	1 IN 300	1 IN 300	1 IN 292	1 IN 288	1 IN 423	1 IN 116	1 IN 500	1 IN 500	1 IN 88.250	1 IN 500	1 IN 60.000	1 IN 60.000	1 IN 126	
EMBEDMENT														
JUNCTION INVERT LEVEL														
DEPTH TO INVERT	8.245	9.139	9.114	9.094	9.072	8.963	8.933	6.350	6.330	6.115	6.095	4.682	4.662	3.520
SEWER INVERT LEVEL	31.652	30.757	30.817	30.837	30.876	30.896	31.126	31.156	31.870	31.890	33.137	33.157	35.143	35.163
DESIGN SURFACE LEVEL	39.896	39.913	39.932	39.948	39.976	40.089	38.220	40.210	39.923	39.923	39.960	40.378	40.782	38.454
EXISTING SURFACE LEVEL	39.913	39.949	39.976	39.967	39.997	38.591	39.867	39.416	38.377	39.913	40.378	40.857	41.694	39.892
SETOUT	E35631.221	N74801.802	E35615.106	N74810.268	E35604.870	N74815.645	E35504.603	N74971.893	E35408.722	N74824.141	E35093.851	N74863.668	E34823.607	N74879.772
RUNNING CHAINAGE	0.000	18.202	18.202	11.563	29.765	67.228	96.993	113.050	180.273	96.096	276.369	116.398	392.767	167.993
LINE NUMBER														
LINE Trunk Sewer														

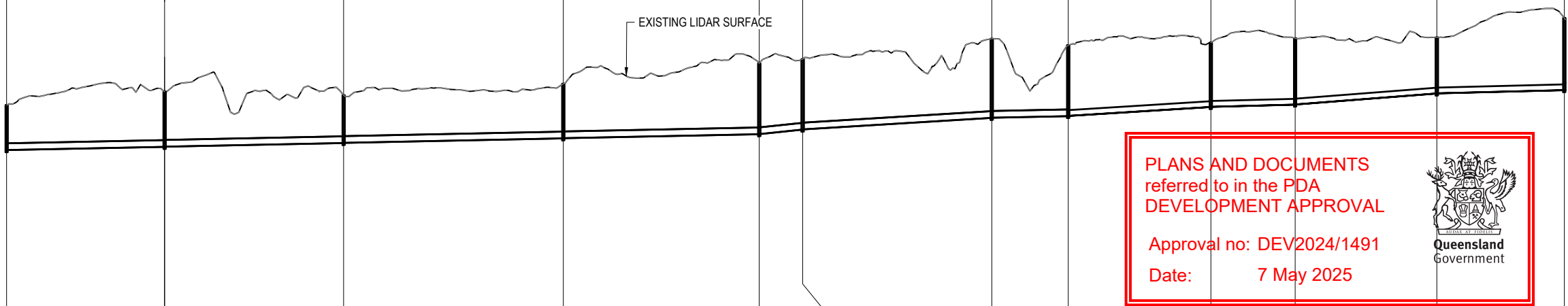
PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2024/1491

Date: 7 May 2025


Queensland
Government

PLOT: 22 Aug 2024 04:46 PM LOCATION: H:\03\20211 Flagstone - Context Area 3\Design\Area\DA\Trunk Sewer\2021-DA-0610 TRUNK SEWER LAYOUT 4.LS.dwg

STRUCTURE NAME	13/1	14/1	15/1	16/1	17/1	18/1	19/1	20/1	21/1	22A/1	22/1	23/1
STRUCTURE TYPE & DROP	B V	B V	B V	B V	B V	B V	C V	B V	B V	B V	B V	B V
STRUCTURE LID TYPE	D	D	D	D	D	D	D	D	D	D	D	D
JUNCT. LINE No.												
JUNCT. DROP TYPES	V	V	V	V	V	V	V	V	V	V	V	V
DEPTH TO HC												
HC INVERT LEVEL												
HC TYPE												
HC LOT No.												
CH FROM DS STRUCTURE												
SEWER STRUCTURE TYPES: A 1050mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1. B 1200mm DIA. CAST-INSITU. C 1500mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1. INTERNAL SURFACES SHALL BE COATED WITH A PE LINING SYSTEM IN ACCORDANCE WITH THE SEQ CODE AND SEQ-SPS-1407 DRAWING SET. DESIGN AND CONSTRUCT BY CONTRACTOR FOR DEPTHS THAN 6m. MS TYPE 'J'1 MAINTENANCE SHAFT WITH DN300 RISER. REFER TO SEQ-SEW-1314-1 & 1314-2 SEWER STRUCTURE DROPS: V STRAIGHT THROUGH SEWER TYPE 'V'. REFER TO SEQ-SEW-1303-1 X INTERNAL DROP TYPE 'X'. REFER TO SEQ-SEW-1303-1 MS-A 20mm DROP THROUGH BULB MS-B >750mm DROP INTO RISER SEWER STRUCTURE LIDS: B NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1 D TRAFFICABLE. REFER TO SEQ-SEW-1308-1 # EMBEDMENT NOTE: PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO 1201-5. TYPE 3 SUPPORT IS PROPOSED UNTIL FINAL GEOTECHNICAL INVESTIGATIONS ARE COMPLETED PRIOR TO CONSTRUCTION.	EXISTING LIDAR SURFACE  PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL Approval no: DEV/2024/1491 Date: 7 May 2025 											
DATUM RL(m)	26.0											
LAND USE												
PIPE DIA & TYPE				Ø525 SewerMax SN10						Ø450 SewerMax SN10		
PIPE GRADE (1 in x)	1 IN 500	1 IN 500	1 IN 500	1 IN 500	1 IN 100.000	1 IN 165	1 IN 500	1 IN 161	1 IN 400	1 IN 131	1 IN 400	
EMBEDMENT												
JUNCTION INVERT LEVEL												
DEPTH TO INVERT	3.520 3.500	4.295 4.275	3.715 3.695	4.250 4.230	5.513 5.493	5.488 5.468	6.159 6.139	5.522 5.502	5.010 4.990	5.162 5.142	4.374 4.354	5.612 5.592
SEWER INVERT LEVEL	39.892 39.912	40.157 40.177	40.456 40.476	40.817 40.837	41.142 41.162	41.500 41.520	42.413 42.433	42.551 42.571	43.260 43.280	43.444 43.464	44.365 44.325	44.573 44.593
DESIGN SURFACE LEVEL	43.412	44.453	44.171	45.067	46.655	46.988	48.571	48.073	48.271	48.606	48.679	50.185
EXISTING SURFACE LEVEL	43.238	44.640	44.355	45.176	46.612	46.804	48.612	47.873	48.271	48.606	48.679	50.185
SETOUT	E34570.715 N74746.768	E34476.018 N74824.989	E34365.768 N74909.941	E34251.787 N75037.132	E34113.571 N75101.243	E34122.952 N75133.785	E34220.384 N75243.566	E34188.019 N75293.408	E34250.648 N75394.955	E34264.804 N75448.913	E34288.617 N75556.487	E34305.791 N75654.120
RUNNING CHAINAGE	192.945 122.824	1315.769 139.184	1454.953 170.790	1625.743 152.361	1776.104 33.769	1811.873 147.021	1958.894 59.428	2018.322 110.919	2129.241 65.507	2194.748 110.188	2304.936 99.122	2404.058
LINE NUMBER	LINE Trunk Sewer											

PLOT: 22 Aug 2024 04:46 PM LOCATION: H:\2020\20211 Flagstone - Context Area 3\Design\Area\DA\Trunk Sewer\2021-DA-0610 TRUNK SEWER LAYOUT 4.LS.dwg

STRUCTURE NAME	23/1	24/1	25/1	26/1	27/1	28/1	29/1	30/1	31/1	32/1	33/1	34/1	35/1												
STRUCTURE TYPE & DROP	B V	B V	B V	B V	B V	B V	B V	B V	C V	B V	B V	B V	B V												
STRUCTURE LID TYPE	D	D	D	D	D	D	D	D	D	D	D	D	D												
JUNCT. LINE No.																									
JUNCT. DROP TYPES	V	V	V	V	V	V	V	V	V	V	V	V	V												
DEPTH TO HC																									
HC INVERT LEVEL																									
HC TYPE																									
HC LOT No.																									
CH FROM DS STRUCTURE																									
SEWER STRUCTURE TYPES: A 1050mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1. B 1200mm DIA. CAST-INSITU. C 1500mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1. INTERNAL SURFACES SHALL BE COATED WITH A PE LINING SYSTEM IN ACCORDANCE WITH THE SEQ CODE AND SEQ-SPS-1407 DRAWING SET. DESIGN AND CONSTRUCT BY CONTRACTOR FOR DEPTHS THAN 6m. MS TYPE 'J'1 MAINTENANCE SHAFT WITH DN300 RISER. REFER TO SEQ-SEW-1314-1 & 1314-2 SEWER STRUCTURE DROPS: V STRAIGHT THROUGH SEWER TYPE 'V'. REFER TO SEQ-SEW-1303-1 X INTERNAL DROP TYPE 'X' . REFER TO SEQ-SEW-1303-1 MS-A 20mm DROP THROUGH BULB MS-B >750mm DROP INTO RISER SEWER STRUCTURE LIDS: B NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1 D TRAFFICABLE. REFER TO SEQ-SEW-1308-1 # EMBEDMENT NOTE: PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO 1201-5. TYPE 3 SUPPORT IS PROPOSED UNTIL FINAL GEOTECHNICAL INVESTIGATIONS ARE COMPLETED PRIOR TO CONSTRUCTION.																									
DATUM RL(m)	33.0																								
LAND USE																									
PIPE DIA & TYPE				Ø450 SewerMax SN10						Ø375 SewerMax SN10															
PIPE GRADE (1 in x)		1 IN 400	1 IN 400	1 IN 67.260	1 IN 400	1 IN 400	1 IN 52.360	1 IN 325	1 IN 325	1 IN 325	1 IN 119	1 IN 325	1 IN 174												
EMBEDMENT																									
JUNCTION INVERT LEVEL																									
DEPTH TO INVERT	5.612	5.592	4.926	5.120	5.100	3.524	5.082	4.760	4.220	4.274	5.172	5.152	4.598												
SEWER INVERT LEVEL	44.573	44.593	44.835	45.065	45.085	46.746	47.053	48.612	48.982	49.676	50.755	50.775	51.768												
DESIGN SURFACE LEVEL	50.185	50.185	49.761	50.186	50.186	50.271	52.134	53.371	53.202	53.950	55.926	56.324	56.366												
EXISTING SURFACE LEVEL	50.185	49.761	49.761	50.186	50.186	50.271	52.134	53.371	53.202	54.781	56.068	56.324	56.366												
SETOUT	E34305.791 N75654.120	E34291.666 N75748.798	E34220.489 N75794.776	E34108.868 N75799.340	E33995.591 N75816.279	E33924.224 N75813.903	E33905.584 N75746.231	E33882.505 N75634.652	E33803.199 N75547.029	E33711.192 N75526.766	E33600.330 N75545.884	E33528.886 N75609.752	E33553.498 N75725.078												
RUNNING CHAINAGE	2404.058	96.716	2500.773	84.197	2584.970	111.714	2696.684	114.536	2811.221	71.407	2882.627	70.192	2952.819	113.941	3066.760	118.183	3184.943	94.212	3279.155	112.498	3391.653	95.830	3487.483	117.923	3605.406
LINE NUMBER	LINE Trunk Sewer																								

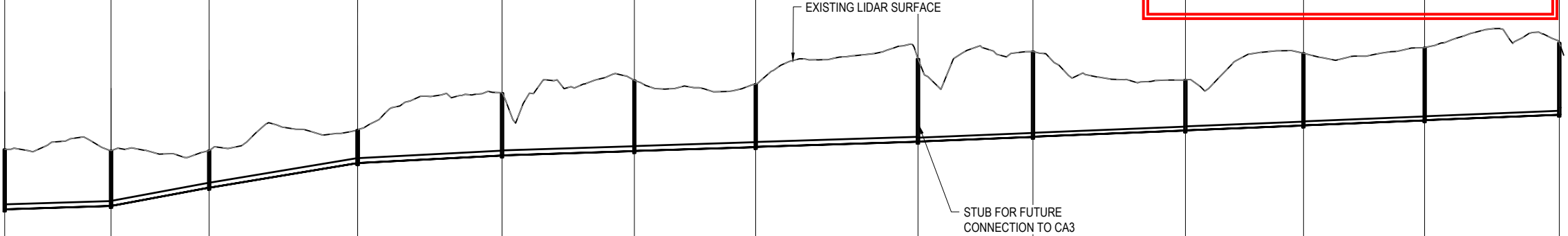
PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1491

Date: 7 May 2025


Queensland Government

PLOT: 22 Aug 2024 04:46 PM LOCATION: H:\02020211 Flagstone - Context Area 3\Design\Area3\Trunk Sewer\20-0211-LDA-0610 TRUNK SEWER LAYOUT 4.LS1.dwg

STRUCTURE NAME	35/1	36/1	37/1	38/1	39/1	40/1	41/1	42/1	43/1	44/1	45/1	46/1	47/1														
STRUCTURE TYPE & DROP	B V	B V	B V	B V	B V	B V	B V	C V	C V	B V	B V	B V	B V														
STRUCTURE LID TYPE	D	D	D	D	D	D	D	D	D	D	D	D	D														
JUNCT. LINE No.																											
JUNCT. DROP TYPES	V	V	V	V	V	V	V	V	V	V	V	V	V														
DEPTH TO HC																											
HC INVERT LEVEL																											
HC TYPE																											
HC LOT No.																											
CH FROM DS STRUCTURE																											
SEWER STRUCTURE TYPES: A 1050mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1. B 1200mm DIA. CAST-INSITU. C 1500mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1. INTERNAL SURFACES SHALL BE COATED WITH A PE LINING SYSTEM IN ACCORDANCE WITH THE SEQ CODE AND SEQ-SPS-1407 DRAWING SET. DESIGN AND CONSTRUCT BY CONTRACTOR FOR DEPTHS THAN 6m. MS TYPE 'J'1 MAINTENANCE SHAFT WITH DN300 RISER. REFER TO SEQ-SEW-1314-1 & 1314-2 SEWER STRUCTURE DROPS: V STRAIGHT THROUGH SEWER TYPE 'V'. REFER TO SEQ-SEW-1303-1 X INTERNAL DROP TYPE 'X'. REFER TO SEQ-SEW-1303-1 MS-A 20mm DROP THROUGH BULB MS-B >750mm DROP INTO RISER SEWER STRUCTURE LIDS: B NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1 D TRAFFICABLE. REFER TO SEQ-SEW-1308-1	PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL Approval no: DEV2024/1491 Date: 7 May 2025 																										
# EMBEDMENT NOTE: PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO 1201-5. TYPE 3 SUPPORT IS PROPOSED UNTIL FINAL GEOTECHNICAL INVESTIGATIONS ARE COMPLETED PRIOR TO CONSTRUCTION.																											
DATUM RL(m)	42.0																										
LAND USE																											
PIPE DIA & TYPE																											
PIPE GRADE (1 in x)																											
EMBEDMENT																											
JUNCTION INVERT LEVEL																											
DEPTH TO INVERT	51.768 4.598	51.788 4.578	52.039 4.223	52.059 4.203	53.424 2.844	53.444 2.824	55.305 2.537	55.325 2.517	55.889 4.780	55.909 4.760	56.226 5.416	56.246 5.396	56.536 4.824	56.556 4.804	56.945 6.338	56.965 6.318	57.317 6.520	57.337 6.500	57.804 3.877	57.824 3.857	58.185 5.530	58.205 5.510	58.576 5.558	58.596 5.538	59.009 5.500	59.029 5.480	
SEWER INVERT LEVEL																											
DESIGN SURFACE LEVEL	56.366	56.366	56.261	56.261	56.268	56.268	57.841	57.841	60.669	60.669	61.642	61.642	61.361	61.361	63.283	63.283	63.837	63.837	63.837	61.680	61.680	63.715	63.715	64.135	64.135	64.509	64.509
EXISTING SURFACE LEVEL	56.366	56.366	56.261	56.261	56.268	56.268	57.841	57.841	60.669	60.669	61.642	61.642	61.361	61.361	63.283	63.283	63.837	63.837	63.837	61.680	61.680	63.715	63.715	64.135	64.135	64.509	64.509
SETOUT	E33553.498 N75725.078	E33494.867 N75781.594	E33423.904 N75806.199	E33314.360 N75836.699	E33209.782 N75800.833	E33114.268 N75767.100	E33031.344 N75725.119	E32927.502 N75666.925	E32839.805 N75664.892	E32723.529 N75675.242	E32641.256 N75712.688	E32561.165 N75759.527	E32469.245 N75712.883														
RUNNING CHAINAGE	8605.406 81.436	8686.842 75.108	8761.949 113.710	8875.660 110.557	8986.217 101.296	9087.513 92.945	9180.458 124.232	9304.690 88.058	9392.748 116.736	9509.484 90.394	9599.878 92.782	9692.659 103.078	9795.737														
LINE NUMBER	LINE Trunk Sewer																										

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2024/1491

Date: 7 May 2025


Queensland Government

PLOT: 22 Aug 2024 04:46 PM LOCATION: H:\02020211 Flagstone - Context Area 3\Design\Area3\Trunk Sewer\20-0211-CA-0610 TRUNK SEWER LAYOUT 4.LS.dwg

REV	DATE	DESIGN	DRAWN	REVISION DETAILS	DRAWN	STATUS	SCALE	CLIENT	PROJECT NAME	DRAWING TITLE
A	22.08.24	SC	SC	ORIGINAL ISSUE		NOT FOR CONSTRUCTION	1:2000 20 0 20 40 60 80 100 A1 1:4000 HORIZONTAL 1:200 2 0 2 4 6 8 10 A1 1:400 VERTICAL	PEET FLAGSTONE CITY Pty. Ltd.	FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3	TRUNK SEWER LONGITUDINAL SECTIONS SHEET 4 OF 6
					DESIGN	APPROVED DANIEL COLLINS RPEQ 18631		ASSOCIATED CONSULTANT VERIS PHONE: (07) 3666 4700	NEW BEITH ROAD FLAGSTONE	PROJECT No. 20-0211 DRAWING No. DA-0623 REVISION A
FOR AND ON BEHALF OF COLLIER'S INTERNATIONAL ENGINEERING & DESIGN PTY LTD										

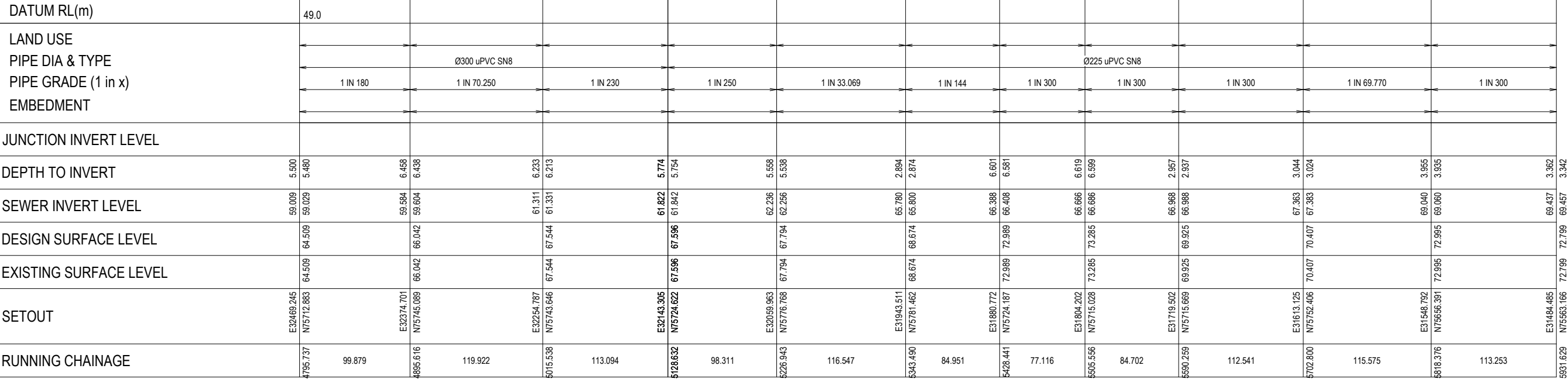
STRUCTURE NAME	47/1	48/1	49/1	50/1	51/1	52/1	53/1	54/1	55/1	56/1	57/1	58/1
STRUCTURE TYPE & DROP	B V	C V	C V	B V	B V	B V	C V	C V	B V	B V	B V	B V
STRUCTURE LID TYPE	D	D	D	D	D	D	D	D	D	D	D	D
JUNCT. DROP TYPES	V	V	V	V	V	V	V	V	V	V	V	V
DEPTH TO HC												
HC INVERT LEVEL												
HC TYPE												
HC LOT No.												
CH FROM DS STRUCTURE												

SEWER STRUCTURE TYPES:
A 1050mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1.
B 1200mm DIA. CAST-INSITU.
C 1500mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1.
INTERNAL SURFACES SHALL BE COATED WITH A PE LINING SYSTEM IN ACCORDANCE WITH THE SEQ CODE AND SEQ-SPS-1407 DRAWING SET. DESIGN AND CONSTRUCT BY CONTRACTOR FOR DEPTHS THAN 6m.
MS TYPE 'J'1 MAINTENANCE SHAFT WITH DN300 RISER. REFER TO SEQ-SEW-1314-1 & 1314-2

SEWER STRUCTURE DROPS:
V STRAIGHT THROUGH SEWER TYPE 'V'. REFER TO SEQ-SEW-1303-1
X INTERNAL DROP TYPE 'X' . REFER TO SEQ-SEW-1303-1
MS-A 20mm DROP THROUGH BULB
MS-B >750mm DROP INTO RISER

SEWER STRUCTURE LIDS:
B NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1
D TRAFFICABLE. REFER TO SEQ-SEW-1308-1

EMBEDMENT NOTE:
PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO 1201-5. TYPE 3 SUPPORT IS PROPOSED UNTIL FINAL GEOTECHNICAL INVESTIGATIONS ARE COMPLETED PRIOR TO CONSTRUCTION.



LINE Trunk Sewer

REV	DATE	DESIGN	DRAWN	REVISION DETAILS
A	22.08.24	SC	SC	ORIGINAL ISSUE

DRAWN	STATUS
	NOT FOR CONSTRUCTION
DESIGN	APPROVED DANIEL COLLINS RPEQ 18631
	FOR AND ON BEHALF OF COLLIERS INTERNATIONAL ENGINEERING & DESIGN PTY LTD

SCALE
1:2000 20 0 20 40 60 80 100 A1
1:4000
HORIZONTAL
1:200 2 0 2 4 6 8 10 A1
1:400
VERTICAL

CLIENT
PEET FLAGSTONE CITY Pty. Ltd.
ASSOCIATED CONSULTANT
VERIS
PHONE: (07) 3666 4700

PROJECT NAME
FLAGSTONE CITY
TRUNK SEWER
CONTEXT AREA 3
NEW BEITH ROAD
FLAGSTONE

DRAWING TITLE
TRUNK SEWER LONGITUDINAL
SECTIONS SHEET 5 OF 6
PROJECT No.
20-0211
DRAWING No.
DA-0624
REVISION
A

STRUCTURE NAME

58/1

59/1

60/1

STRUCTURE TYPE & DROP

B V

B V

B V

STRUCTURE LID TYPE

D

D

D

JUNCT. DROP TYPES

V

V

V

DEPTH TO HC

HC INVERT LEVEL

HC TYPE

HC LOT No.

CH FROM DS STRUCTURE

SEWER STRUCTURE TYPES:

- A 1050mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1.
B 1200mm DIA. CAST-INSITU.
C 1500mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1.
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SEWER STRUCTURE DROPS:

- V STRAIGHT THROUGH SEWER TYPE "V". REFER TO SEQ-SEW-1303-1
X INTERNAL DROP TYPE 'X'. REFER TO SEQ-SEW-1303-1
MS-A 20mm DROP THROUGH BULB
MS-B >750mm DROP INTO RISER

SEWER STRUCTURE LIDS:

- B NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1
D TRAFFICABLE. REFER TO SEQ-SEW-1308-1

EMBEDMENT NOTE:

PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO 1201-5. TYPE 3 SUPPORT IS PROPOSED UNTIL FINAL GEOTECHNICAL INVESTIGATIONS ARE COMPLETED PRIOR TO CONSTRUCTION.

DATUM RL(m)

49.0

LAND USE

PIPE DIA & TYPE

Ø225 uPVC SN8

PIPE GRADE (1 in x)

1 IN 267

1 IN 42.111

EMBEDMENT

JUNCTION INVERT LEVEL

DEPTH TO INVERT

3.362

3.342

3.244

3.224

3.225

SEWER INVERT LEVEL

69.437

69.457

69.882

69.902

71.742

DESIGN SURFACE LEVEL

72.799

72.799

73.126

74.967

EXISTING SURFACE LEVEL

72.799

72.799

73.126

74.967

SETOUT

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N75563.166

E31439.812

N75468.992

E31444.174

RUNNING CHAINAGE

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113.348

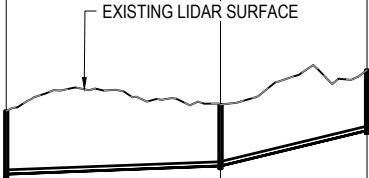
6044.977

77.498

6122.475

LINE NUMBER

LINE Trunk Sewer



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

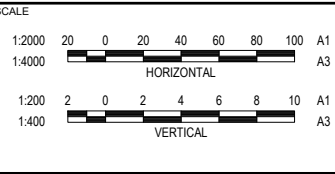
Approval no: DEV2024/1491

Date: 7 May 2025



REV	DATE	DESIGN	DRAWN	REVISION DETAILS
A	22.08.24	SC	SC	ORIGINAL ISSUE

DRAWN	STATUS
	NOT FOR CONSTRUCTION
DESIGN	APPROVED DANIEL COLLINS RPEQ 18631
	FOR AND ON BEHALF OF COLLIER'S INTERNATIONAL ENGINEERING & DESIGN PTY LTD



CLIENT
PEET FLAGSTONE CITY Pty. Ltd.
ASSOCIATED CONSULTANT
VERIS PHONE: (07) 3666 4700

PROJECT NAME
FLAGSTONE CITY TRUNK SEWER CONTEXT AREA 3
NEW BEITH ROAD FLAGSTONE

DRAWING TITLE		
TRUNK SEWER LONGITUDINAL SECTIONS SHEET 6 OF 6		
PROJECT No.	DRAWING No.	REVISION
20-0211	DA-0625	A