# FLAGSTONE CITY TRUNK SEWER TO SCHOOL SITE HOMESTEAD DRIVE, FLAGSTONE FOR 'PEET FLAGSTONE CITY Pty. Ltd.'

# DRAWING LIST

20-0211-500	TRUNK SEWER COVER PLAN
20-0211-501	GENERAL NOTES & LIVE WORKS
20-0211-502	TRUNK SEWER LAYOUT PLAN SHEET 1
20-0211-503	TRUNK SEWER LAYOUT PLAN SHEET 2
20-0211-504	TRUNK SEWER LAYOUT PLAN SHEET 3
20-0211-505	TRUNK SEWER LAYOUT PLAN SHEET 4
20-0211-506	TRUNK SEWER LAYOUT PLAN SHEET 5
20-0211-507	TRUNK SEWER LONGITUDINAL SECTIONS SHEET
20-0211-508	TRUNK SEWER LONGITUDINAL SECTIONS SHEET
20-0211-509	TRUNK SEWER LONGITUDINAL SECTIONS SHEET
20-0211-510	TRUNK SEWER LONGITUDINAL SECTIONS SHEET

PLANS AND DOCUMENTS

DEVELOPMENT APPROVAL

referred to in the PDA







## PROJECT INFORMATION SUMMARY: RP DESCRIPTION LOT 911 ON SP332136

#### DATUM LEVEL AND LOCATION P.S.M. 107142 RL 39.078 AHD MGA

# LOCAL AUTHORITY: LOGAN CITY COUNCIL COUNCIL REFERENCE NUMBER: DEV2012/403

NOTE:

THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH:

- VEGETATION MANAGEMENT PLAN
- LANDSCAPE ARCHITECT'S PLANS
- ELECTRICAL, COMMUNICATIONS AND GAS CONSULTANT'S PLANS
- SEDIMENT AND EROSION HAZARD ASSESSMENT
   SAFETY IN DESIGN REPORT
- SAFETY IN DESIGN REPORT



#### GENERAL NOTES:

- 1. THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIALS, PLANT AND EQUIPMENT TO CONSTRUCT THE WORKS AS DOCUMENTED AND STRICTLY IN ACCORDANCE WITH THE RELEVANT AUTHORITY STANDARDS, SPECIFICATIONS AND REQUIREMENTS.
- 2. EXISTING SERVICES RELEVANT TO THE PROJECT HAVE BEEN CONSIDERED THROUGHOUT DESIGN AND IS BASED ON SURVEY INFORMATION PROVIDED BY THE SURVEYOR AND THE CONTRACTOR. THE RPEQ WHO CERTIFIED THE DESIGN OR THE PRINCIPAL'S CONSTRUCTION RPEQ HAVE RELIED UPON THIS INFORMATION TO INFORM THE DESIGN. THE CONTRACTOR SHALL VERIFY THE POSITION OF ANY UNDERGROUND SERVICES WITHIN THE AREAS OF WORKS AND SHALL BE RESPONSIBLE FOR MAKING GOOD ANY DAMAGE THERETO. ANY ALTERATION WORKS TO SERVICES WILL BE CARRIED OUT ONLY BY THE SERVICE OWNER AUTHORITY UNLESS APPROVED OTHERWISE.
- 3. ALL DESIGN AND CONSTRUCTION ACTIVITIES UNDERTAKEN SHALL COMPLY WITH CURRENT WORKPLACE HEALTH AND SAFETY REQUIREMENTS AND LEGISLATION.
- 4. PRIOR TO COMMENCING WORK, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL RELEVANT LOCAL AUTHORITY PERMITS.
- 5. THE CONTRACTOR SHALL NOT COMMENCE THE DEMOLITION OF ANY EXISTING BUILDINGS AND/OR STRUCTURES WITHOUT APPROVAL FROM THE SUPERINTENDENT.
- 6. THE CONTRACTOR SHALL APPLY INDUSTRY BEST PRACTICE SO WORKS SHALL NOT DISTURB OR AFFECT NEARBY RESIDENTS EITHER BY DUST, NOISE, FLOODING OR DISCONNECTION OF SERVICES. CONTRACTOR TO ENSURE THAT ACCESS AND SERVICES TO EXISTING PROPERTIES ARE AVAILABLE AT ALL TIMES.
- 7. THE CERTIFICATION OF THIS DESIGN IS BASED ON SURVEY AND POTHOLE INFORMATION PROVIDED BY THE SURVEYOR AND/OR CONTRACTOR AT THE TIME OF DESIGN. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL VERIFY LEVELS OF EXISTING SERVICE CROSSINGS AND CONNECTION POINTS AND NOTIFY THE RPEQ WHO CERTIFIED THE DESIGN OR THE PRINCIPAL'S CONSTRUCTION RPEQ OF ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED DESIGN LEVELS. THE CERTIFICATION OF THIS DESIGN IS BASED ON SURVEY AND POTHOLE INFORMATION PROVIDED BY THE SURVEYOR AND CONTRACTOR AT THE TIME OF DESIGN.
- 8. THESE ENGINEERING DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE APPROVED VEGETATION MANAGEMENT PLAN, WHERE APPLICABLE. WHEN IN DOUBT, ALL EXISTING TREES ARE TO REMAIN UNLESS DIRECTED OTHERWISE.
- 9. <u>HOLD POINT:</u> ONCE THE BASE OF MANHOLES HAVE BEEN POURED, CONSTRUCTION SHALL ONLY RE-COMMENCE ONCE THE SUPERINTENDENT AND/OR ENGINEER HAVE INSPECTED THE WORKS.
- 10. THE CONTRACTOR SHALL NOTE DURING THE COURSE OF THE WORKS WHEN JOINT INSPECTIONS WITH THE AUTHORITY AND THE SUPERINTENDENT ARE REQUIRED. THESE INCLUDE PRE-STARTS, SUBGRADES, PRE-SEALS, CLEARING, AND OTHER SUCH INSPECTIONS AS NOMINATED DURING THE PRE-START, IN THE APPROVAL AND THE SPECIFICATIONS. THE CONTRACTOR SHALL ENSURE NO WORKS PROCEED PAST THE INSPECTION POINT UNTIL THE JOINT INSPECTION HAS BEEN SUCCESSFULLY COMPLETED.

## ENVIRONMENTAL CONDITIONS

#### VEGETATION PROTECTION

- A. TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED.
- B. WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES SHALL BE CONSTRUCTED WITH 1.8m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES SHALL BE STRAPPED TO TREES PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.
- C. TREE ROOTS SHALL BE TUNNELED UNDER, RATHER THAN SEVERED. IF ROOTS ARE SEVERED THE DAMAGED AREA SHALL BE TREATED WITH A SUITABLE FUNGICIDE. CONTACT RELEVANT COUNCIL ARBORIST FOR FURTHER ADVICE.
- D. ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBORIST.
- SOIL
- A. TOPSOIL AND SUBSOIL SHALL BE STOCKPILED SEPARATELY.
- B. CARE SHALL BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CONTROLS AROUND STOCKPILES.

#### CREEK CROSSINGS

- A. SILTATION CONTROL MEASURES SHALL BE PLACED DOWNSTREAM OF ANY EXCAVATION WORK.
- B. APPROPRIATE SEDIMENT CONTROLS SHALL BE USED TO PREVENT SEDIMENT FROM ENTERING THE CREEK.
- C. NO SOIL SHALL BE STOCKPILED WITHIN 5m OF THE CREEK.

#### REHABILITATION

- A. PREDISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE REINSTATED.
- B. PREDISTURBANCE VEGETATION PATTERNS SHALL BE RESTORED.

# SEWERAGE NOTES

- 1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT WSAA GRAVITY SEWERAGE CODE OF AUSTRALIA SPECIFICATIONS AND STANDARD - SOUTH EAST QUEENSLAND SERVICE PROVIDERS EDITION.
- UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
   THE CONSTRUCTION OF THE SEWERAGE WORK SHOWN ON THIS DRAWING SHALL BE SUPERVISED BY AN ENGINEER WHO HE
- THE CONSTRUCTION OF THE SEWERAGE WORK SHOWN ON THIS DRAWING SHALL BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. SEWERAGE WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO THE SEQ SERVICE PROVIDER SEWERAGE SYSTEM.
- 4. ALL WORKS ON EXISTING SEWER MAINS ARE TO BE CARRIED OUT BY LOGAN CITY COUNCIL AT THE DEVELOPER'S EXPENSE OR AS DIRECTED BY LOGAN CITY COUNCIL.
- 5. ALL PIPES AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE "ACCEPTED PRODUCTS AND MATERIALS" LIST, UNLESS APPROVED BY THE WATER AUTHORITY.
- 6. BENCH MARK AND LEVELS TO AHD.
- 7. WHERE PIPES ARE LAID IN FILL, THE FILLING SHALL BE CARRIED OUT IN LAYERS NOT EXCEEDING 300mm (LOOSE) IN DEPTH AND SHALL BE COMPACTED UNTIL THE COMPACTION IS NOT LESS THAN 95% OF THE MATERIALS MAXIMUM COMPACTION WHEN TESTED IN ACCORDANCE WITH A.S.1289 (MODIFIED COMPACTION). TESTING SHALL BE CARRIED OUT AFTER EACH ALTERNATE LAYER. IN ALL SUCH CASES APPROVAL OF CONSTRUCTED SEWERS WILL NOT BE ISSUED BY THE SEQ SERVICE PROVIDER UNLESS CERTIFICATES ARE PRODUCED CERTIFYING THAT THE REQUIRED COMPACTION HAS BEEN ACHIEVED.
- 8. WHERE SEWERS HAVE A GRADE OF 1 IN 20 OR STEEPER, BULKHEADS, TRENCH STOPS AND TRENCH DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CLAUSE 9.10 OF THE SEQ SEWER CODE AND DRG'S SEQ-SEW-1206-1 AND 1207-1.
- 9. SEWERS SHALL BE DISUSED/ABANDONED IN ACCORDANCE WITH PROCEDURE SET OUT IN THE GRAVITY SEWER CODE.
- EXISTING ALLOTMENTS REQUIRING A PROPERTY CONNECTIONS FROM EXISTING SEWERS SHALL BE PROVIDED BY THE SEQ SERVICE PROVIDER AT THE DEVELOPERS COST.

	TRUN	K SEWERAGE	ASSET RE	GISTER	
		MATE	RIAL	LEN	GTH
MAINS	DIAMETER	DESIGN	CONST	DESIGN	CONST
	Ø150	uPVC SN8	-	416m	-
	Ø450	SMX SewerMax	-	1183m	-

LIVE	SEWER WORKS	
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No.	DESCRIPTION	DIA. SEWER	EXISTING ASSET ID AT CONNECTION	MH/MS TYPE	COVER TYPE	LOT & PLAN No.	F.S.L.	E.S.L.	CONNECTION I.L.	CONNECTION DEPTH TO INVERT	ALTERATION TO EXISTING MH BENCHING REQUIRED (Y/N)
1 (A)	0.50m FROM EXISTING STUB, CONSTRUCTOR, TO LAY NEW SEWERS. AFTER CLEANSING, TESTING AND INSPECTION, NOTIFY AGENCY.	Ø450	12/2	MH	-	DRG.102	40.081	40.081	35.349	4.772	Ν
1 (B)	AGENCY TO REMOVE TEMPORARY END CAP ON EXISTING STUB AND MAKE LIVE CONNECTION AFTER SUCCESSFUL 'ON MAINTENANCE' INSPECTION.										

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1	XX.X	X.23 S	sc	SC	ORIGINAL ISSUE		NOT FOR CONSTRUCTION		C = 11		
		)	2	A	FT ONLY	DESIGN	APPROVED DANIEL COLLINS RPEQ 18631	DATE	DRAFT	ON	L
							FOR AND ON BEHALF OF COLLIERS INTERNATIONAL ENGINEERING & DESIGN P	PTY LTD			



# ALL SEWERAGE CONSTRUCTION SHALL COMPLY WITH ALL QUEENSLAND LEGISLATION

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PLANS AND DOCUMENTS











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STRUC/ BEND/ END NAME	2)	$\begin{pmatrix} 13\\ 2 \end{pmatrix}$		$\begin{pmatrix} 14\\ 2 \end{pmatrix}$	$\begin{pmatrix} 15\\ 2 \end{pmatrix}$		$\frac{6}{2}$
STRUCTURE TYPE	2	Ω		0	0	0	
STRUCTURE LID TYPE		۵		<u>م</u>	۵		
STRUCTURE DROP TYPE	>	>		>	>		>
JUNCTION LINE							
DEPTH TO HC							
HC INVERT LEVEL							
HC TYPE							
HC LOT No							PLANS
CH. FROM D/S STRUC/ BEND							
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 THROUGH BULB         MS-B       >750mm DROP INTO RISER         SEWER STRUCTURE LIDS:       B         B       NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1         D       TRAFFICABLE. REFER TO SEQ-SEW-1308-1		EXIS	TING SURFACE	AC WATERLINE INVERT MGA 2 375mm IL 40.834			Approv Date:
EMBEDMENT NOTE: PIPE EMBEDMENT & TRENCHFILL SHALL BE IN ACCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO 201-5. TYPE 3 SUPPORT IS PROPOSED UNTIL INAL GEOTECHNICAL INVESTIGATIONS ARE COMPLETED PRIOR TO CONSTRUCTION.  DATUM R.L. LAND USE	LIVE CONNECTION - REFER LIVE WORKS TABLE FOR DETAILS 31.0				ALLOTMENT 0.SMX.SewerMax		
DIAMETER -	≤ 1 in 391		1 in 350		1 in 350	1 in 350	
	<	><			><		-
DEPTH TO INVERT	4.732	5.554 5.534		6.266 v 6.246 <sup>x</sup>	6.238 6.218	7.559	7.539
JUNCTION INVERT LEVEL							
SEWER INVERT LEVEL	35.340	35.686		36.064	36.341 36.361	36.553	36.573
DESIGN SURFACE LEVEL	40.081	41.240		42.330	42.579		44.112
SETOUT	73808.264			34116.627 73733.785	34027.040 73741.735	34005.900	73805.380
RUNNING CHAINAGE	132.088	132.088	125.268	257.356	89.939	67.064	414.358
LINE	2				(*)		<u> </u>
E DESIGN DRAWN REVISION DETAILS	DRAWN	STATUS		SCALE	c	LIENT	
3 SC SC ORIGINAL ISSUE		NOT FOR CONSTRUCTION		1:1000 10	0 10 20 30 40 50 A1	PEET ELAGSTONE C	ITY Ptv I td
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STRUC/ BEND/ END NAME	$\left(\frac{17}{2}\right)$	(19)	$\rightarrow$
STRUCTURE TYPE	,		·
STRUCTURE LID TYPE			
STRUCTURE DROP TYPE	>	> >	
JUNCTION LINE			
DEPTH TO HC			
HC INVERT LEVEL			
HC TYPE			
HC LOT No			
CH. FROM D/S STRUC/ BEND			
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           CONSTRUCT BY CONTRACTOR FOR DEFINS THAN 6m.         MS           TYPE 'J'1 MAINTENANCE SHAFT WITH DN300 RISER.         REFER TO SEQ-SEW-1314-1 & 1314-2	NEW BEITH ROAD	EXISTING SURFACE	PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL Approval no: DEV2024/1491 Date: 7 May 2025
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 <u>SEWER STRUCTURE LIDS:</u> B           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 R.L.	33.0		
LAND USE	-		ALLOTMENT
DIAMETER			0450 SMX SewerMax
GRADE	☐ IN 304	1 in 50.00	1 in 400
EMBEDMENT TYPE			
DEPTH TO INVERT	6.372	6.352 6.357 5.337	
JUNCTION INVERT LEVEL			
SEWER INVERT LEVEL	37.557	37.617 39.358 39.358	o c c c c c c c c c c c c c c c c c c c
DESIGN SURFACE LEVEL	43.841	43.969	
SETOUT	73971,774	74000.347 74000.347 33726.517 7383755	

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PEET FLAGSTONE CITY Pty. Ltd.

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STRUCTURE TYPE     *     ************************************	DESIGN BY CON	I AND CONSTRUCT					
STRUCTURE TYPE     -     -     -     -     -       STRUCTURE UT TYPE     -     -     -     -     -       STRUCTURE UNTYPE     -     -     -     -     -       ADMOTOR LINE     -     -     -     -     -       DEPTH TONG     -     -     -     -     -       INCOMPLIEVEL     -     -	STRUC/ BEND/ END NAME	$\left(\frac{21}{2}\right)$	$\frac{2}{2}$	$\left(\begin{array}{c} 23\\ 2\end{array}\right)$	$\frac{24}{2}$	$\left(\frac{2}{2}\right)$	5
ETRUCTURE DUTYPE         .	STRUCTURE TYPE			·	<u>م</u>		/
SIRROTORE DOOP TYPE         -	STRUCTURE LID TYPE						
JUNCTION UNE DEPTR TO HC IC NVERT LEVEL IC	STRUCTURE DROP TYPE	>	>	>		>	>
DEPTH TO AC         Image: Structure Content Level         Image: Structure Content L	JUNCTION LINE						
HC INVERT LEVEL HC TYPE HC LOT No CH. FROM DIS STRUCT BEND CH. FROM DIS	DEPTH TO HC						
He TryPe He DryPe He LOT NO CUT ROU DOS STRUC/ BEND CUT ROU DOS STR	HC INVERT LEVEL						
HCLOT No CH. HROW DIS STRUC/ JEANO CH. HROW	HC TYPE						
CH. FROM DOS STRUCT BENO     ATTURE       CH. FROM DOS STRUCT BENO     ATTURE STRUCT BENO	HC LOT No						
Prevention     District rest       a Biologic Set NUTL:     Biologic Set NUTL:       b Contract rest     Biologic Set NUTL: <th>CH. FROM D/S STRUC/ BEND</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	CH. FROM D/S STRUC/ BEND						
DATUM R.L.         35.0         International and the second secon	SEWER STRUCTURE TYPES:         A       1050mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1.         B       1200mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1.         INTERNAL SURFACES SHALL BE COATED WITH A PELINING 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'I MAINTENANCE SHAFT WITH DN300 RISER. REFER TO SEQ-SEW-1314-1 & 1314-2         SEWER STRUCTURE DROPS:       V         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         B       NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1         D       TRAFFICABLE. REFER TO SEQ-SEW-1308-1         D       TRAFFICABLE. REFER TO SEQ-SEW-1308-1         B       NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1         D       TRAFFICABLE. REFER TO SEQ-SEW-1308-1         D       TRAFFICABLE. REFER TO SEQ-SEW-1308-1         D <th>PROVIDE STUB FOR FUTURE CONNECTION</th> <th>EXISTING SURFACE</th> <th>FUTURE</th> <th></th> <th></th> <th></th>	PROVIDE STUB FOR FUTURE CONNECTION	EXISTING SURFACE	FUTURE			
LAND USE         BLOW MEXT         BLOW MEXT <th< th=""><th>DATUM R.L.</th><th>35.0</th><th></th><th></th><th></th><th></th><th></th></th<>	DATUM R.L.	35.0					
UAME LEK GRADE         In 400         In 200         In 250         In 250 <thin 250<="" th=""> <thi< th=""><th>LAND USE</th><th>&lt; Ø450 SMX SewerMax</th><th></th><th>Ø3</th><th>75 SMX SewerMax</th><th></th><th></th></thi<></thin>	LAND USE	< Ø450 SMX SewerMax		Ø3	75 SMX SewerMax		
GRADE     Integend	DIAMETER	1 in 400	<ul> <li>1 in 250</li> </ul>		1 in 250	1 in 250	1 in 2
EMBEDMIENT I TYPE         Image: Constraint of type <thimage: constraint="" of="" th="" type<="">         Image: Cons</thimage:>			< Fin Lov	><	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		<
DEPTH TO INVERT       36       36       46       47       46       47         JUNCTION INVERT LEVEL       Image: Constraint of the state of the s		900	<b>-</b>	54 <b>×</b>	22 ×	101 102	
JUNCTION INVERT LEVEL       Image: Section of the sectin of the section of the section of the section		8.00 5.6	2.4	ů ř.		5. 	0
SEWER INVERT LEVEL         CC 0 / 0         V 0 / 0 <th>JUNCTION INVERT LEVEL</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	JUNCTION INVERT LEVEL						
DESIGN SURFACE LEVEL       82       88       98       98       99       99       91 <th< th=""><th>SEWER INVERT LEVEL</th><th>40.213</th><th>40.434</th><th>41.108</th><th>41.498</th><th>41.518 41.518 41.518 41.518</th><th>41.837</th></th<>	SEWER INVERT LEVEL	40.213	40.434	41.108	41.498	41.518 41.518 41.518 41.518	41.837
SETOUT         68 90 09822         90 09822         80 09822	DESIGN SURFACE LEVEL	48.229	45.883	47,661		47.119	47.356
RUNNING CHAINAGE         50         62         76.266         163.478         62         97.689         89         14.724         80         87.22	SETOUT	<b>73951.140</b>	73980.231	73860.706	33197.723	7 <i>377</i> 5.160 33123.108	7379.177
	RUNNING CHAINAGE	<b>52</b> <b>76.266</b>	163.478	419.879	97.689	74.724	762.765 762.722

REV	DATE	DESIG	DRAWN	REVISION DETAILS	DRAWN	STATUS	SCALE CLIENT	PROJECT NAME
1	XX.XX.23	SC	SC	ORIGINAL ISSUE		NOT FOR CONSTRUCTION		I
							A3 PEEI FLAGSIONE CITY Pty. Ltd.	TRUNK
_					DESIGN			
_	D					DAMILE COLLINS REQ 10031		-
			_			FOR AND ON BEHALF OF COLLIERS INTERNATIONAL ENGINEERING & DESIGN PTY LTD	(07) 3666 4700	



STRUC/ BEND/ END NAME	$\frac{21}{2}$		$\begin{pmatrix} 1\\ 3 \end{pmatrix}$	$\rightarrow$	$\begin{pmatrix} 2\\ 3 \end{pmatrix}$		$\overline{3}$		$\overline{3}$	$\begin{pmatrix} 3\\ 3 \end{pmatrix}$
STRUCTURE TYPE	,			~	SM M		∢		∢	₹
STRUCTURE LID TYPE			۵		۵		0		۵	0
STRUCTURE DROP TYPE	×		:	>	×		>		>	>
JUNCTION LINE	8									
DEPTH TO HC										
HC INVERT LEVEL										
HC TYPE										
CH. FROM D/S STRUC/ BEND										
EWER STRUCTURE TYPES:         A         1050mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1.         B       1200mm DIA. CAST-INSITU. REFER TO SEQ-SEW-1307-1.         INTERNAL SURFACES SHALL BE COATED WITH A PELINING SYSTEM IN ACCORDANCE WITH THE SEQ CODE AND SEQ-SPS-1407 DRAWING SET. DESIGN AND CONSTRUCT BY CONTRACTOR FOR DEPTHS THAN 6m.         MS       TYPE: U'1 MAINTENANCE SHAFT WITH DN300 RISER.         REFER TO SEQ-SEW-1314-1 & 1314-2         EWER STRUCTURE DROPS:         V       STRAIGHT THROUGH SEWER TYPE 'V'.         REFER TO SEQ-SEW-1303-1         Xs. 20mm DROP THROUGH BULB         IS-B         P-50mm DROP INTO RISER         EWER STRUCTURE LIDS:         B       NON-TRAFFICABLE. REFER TO SEQ-SEW-1308-1         D       TRAFFICABLE. REFER TO SEQ-SEW-1308-1         EMBEDMENT NOTE:         IPE EMBEDMENT & TRENCHFILL SHALL BE IN         CCORDANCE WITH SEQ-SEW-1200-2, 1201-1 TO         201-5. TYPE 3 SUPPORT IS PROPOSED UNTIL         INAL GEOTECHNICAL INVESTIGATIONS ARE				EXISTING SURFACE -				7 TRENCHSTOPS AT 11.0m CRS		FUTU
DATUM R.L.	38.0				ALLOT		47.0		53.0	
DIAMETER	۹				Ø150uPVC S	N8				
GRADE	<	1 in 200		1 in 25.00		1 in 25.00	~~~	1 in 11.00	1 in 100	<u>).00</u>
EMBEDMENT TYPE										
90	42		781	.761	.105		2.290		3.879 3.859	5.673
DEPTH TO INVERT	2.5		4	4	4 4					
JEPTH TO INVERT	42.687		4	4	4 4					
				20 89 	.937 4		.625		.607	.955
DEPTH TO INVERT	9 42.687 5.5		43.248	6 83 86 86 86 86 86 86 86 86 86 86 86 86 86	46.937 4		50.645		58.607 58.627	58.955
DEPTH TO INVERT	48.229 42.687 42.687 5.5		43.248	48.029	46.937         4           51.041         46.957         4		50.625 52.915 50.645 52.915		58.607 62.486 58.627	64.628
DEPTH TO INVERT	3351.140 48.229 42.687 5.5		3451.238 43.248 4.	48.029	46.937 44.937 44.937 44.957 445.937 445.937 445.957 455.957 4555 4555 4555 4555 45555 45555 45555 455555 4555555		3335 557 50.625 50.425 234 202.395 52.915 50.645 2		3341899         58.607           4290.313         62.486         58.627	3344 ZTT 58.955
DEPTH TO INVERT	0.000 73951.140 48.229 42.687 5.5		33451.238 43.248 4.	4 620.84 620.84 91.724	33393.397 46.937 4 03.841 74131.777 51.041 46.957 4	91.724	96.565 74202.865 52.915 50.645 2	87.578	283.143 23241.889 258.607 258.	J         33344.271         58.955           15.900         74322.994         64.628
DEPTH TO INVERT	C 0.000 73851.140 48.229 42.687 5.5	112.117	33451.238 43.248 4.	670084 670084 991.724	33393.397         46.937         4           203.841         74131.777         51.041         46.957         4	91.724	295.565 74202.965 52.915 50.645 2	87.578	3341.899 383.143 74290.313 62.486 58.627 52.627	415.900 74322.984 64.628
DEPTH TO INVERT	C 0.000 73951.140 48.229 42.687 5.5	112.117	33451238 43.248 43.248 44.	9 8997 87 6200 88 6200 88 9 91.724	203.841 24.31.777 51.041 46.957 4	91.724	295.565 74202.865 52.915 50.645 2	87.578	28. 607 283. 143 283. 143 28. 602 28. 607 28. 607 2	415.900 74322.964 64.628





7 May 2025 Date:

Approval no: DEV2024/1491

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL



RFACE

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