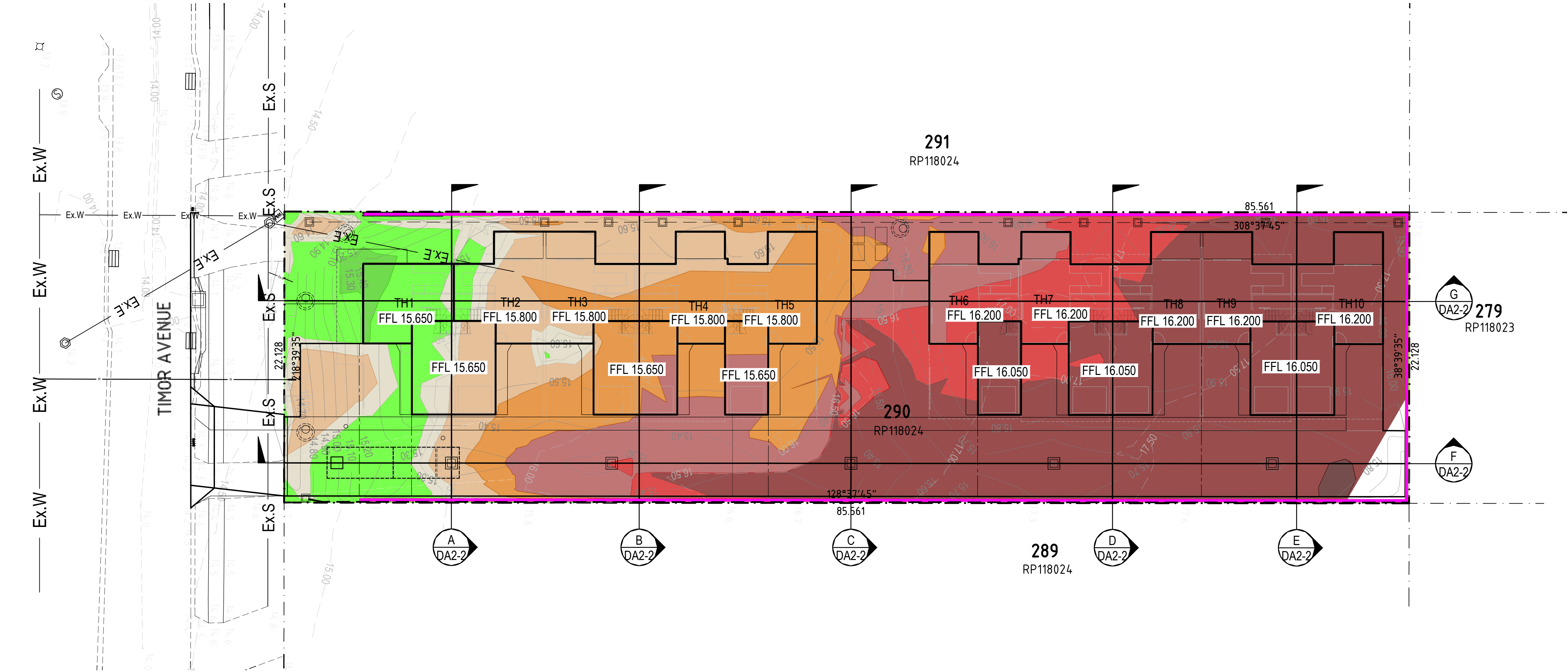




APPROXIMATE CUT FILL VOLUMES:

- 100mm SITE STRIPPING

TOTAL CUT BELOW STRIPPED SURFACE LEVEL

TOTAL FILL ABOVE STRIPPED SURFACE LEVEL
- -

-
- 190 m3 APPROX.

1445 m3 APPROX.

30 m3 APPROX.
- THE ABOVE VOLUMES REPRESENT NET (CLEAR) VOLUMES ONLY AND DO NOT INCLUDE BULKING FACTORS.
 - BOX AND BULK PLATFORM LEVELS ARE BASED ON A NOMINAL DEPTH OF 100 mm SITE STRIPPING AND 200 mm BOXING FOR THE BUILDINGS AND PAVEMENTS.
 - APPROVED EROSION AND SEDIMENT CONTROL MEASURES MUST BE IMPLEMENTED PRIOR TO THE COMMENCEMENT OF BULK EARTHWORKS.
 - EXCAVATION AND FILLING FOR SERVICES, RETAINING WALLS, FOOTPATHS, RAMPS, DETENTION TANK, AND LANDSCAPED AREAS IS EXCLUDED FROM THE ABOVE VOLUMES AND IS CONSIDERED DETAILED EXCAVATION.
 - THE ABOVE VOLUMES ARE BASED ON THE CONCEPT DESIGN AND ARE NOT TO BE USED FOR TENDERING PURPOSES.

DRAWING LEGEND	
SYMBOL	DESCRIPTION
PROPOSED	
	PROPOSED BULK EARTHWORKS PLATFORM
	CHANGE OF GRADE LINE (RIDGE OR VALLEY)
	PROPOSED RETAINING WALL
	BULK EARTHWORKS CONTOURS
	TOP OF WALL GROUND LEVEL
	BOTTOM OF WALL GROUND LEVEL
	TEMPORARY EARTHWORKS BATTER (1:2 NOMINAL)
EXISTING	
	EXISTING (PRE-DEVELOPMENT) SURFACE LEVEL
	EXISTING CONTOURS
	EXISTING STORMWATER
	EXISTING SEWER
	EXISTING WATER
	EXISTING ELECTRICITY
	EXISTING COMMUNICATION LINE
	EXISTING SEWER AND STORMWATER MANHOLES
ABBREVIATIONS	
LCC	LOGAN CITY COUNCIL
FFL###.###	PROPOSED FINISHED FLOOR LEVEL
BPL###.###	BULK PLATFORM / SURFACE LEVEL
U.N.O.	UNLESS NOTED OTHERWISE

CUT / FILL DEPTHS LEGEND

LOWER VALUE		UPPER VALUE		COLOUR
-3	to	-4	m	
-2	to	-3	m	
-1.00	to	-2	m	
-0.75	to	-1.00	m	
-0.50	to	-0.75	m	
-0.25	to	-0.50	m	
-0.25	to	-0.05	m	
-0.05	to	0	m	
0	to	0.05	m	
0.05	to	0.25	m	
0.25	to	0.50	m	
0.50	to	0.75	m	
0.75	to	1.00	m	
1.00	to	2.00	m	
2.00	to	3.00	m	
3.00	to	4.00	m	
4.00	to	5.00	m	

APPROVAL ISSUE
NOT FOR CONSTRUCTION

Copyright (C) This document is and shall remain the property of Legacy Engineers Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement of the commission. Unauthorised use of this document in any form whatsoever is prohibited.

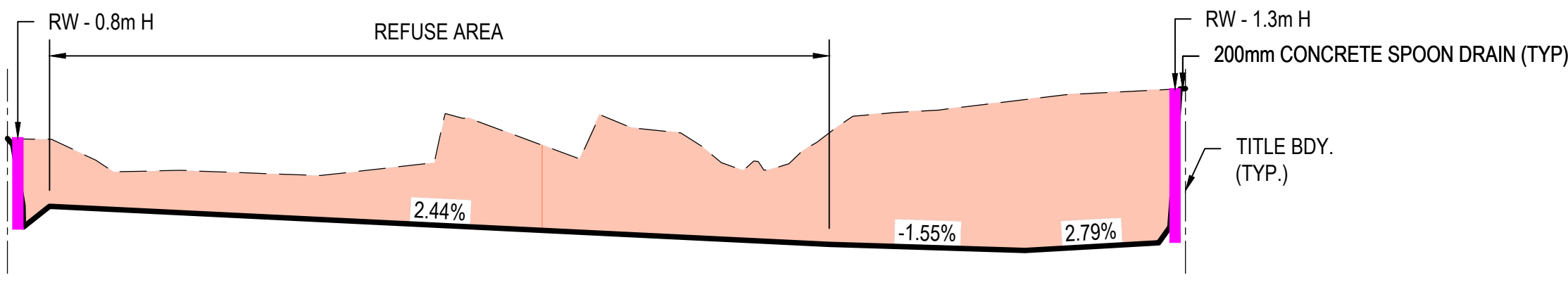
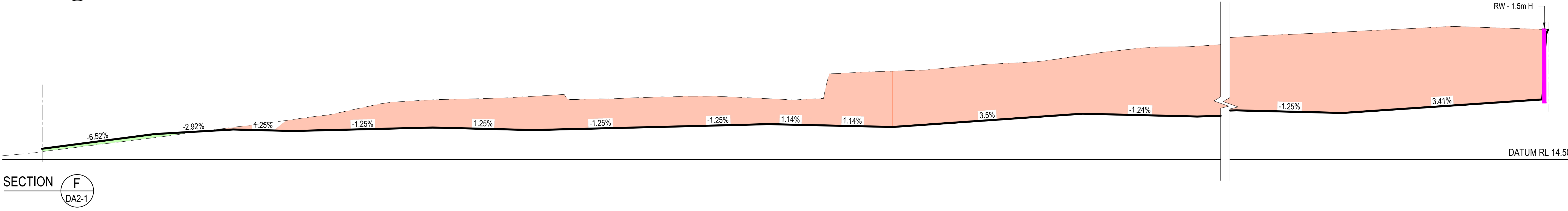
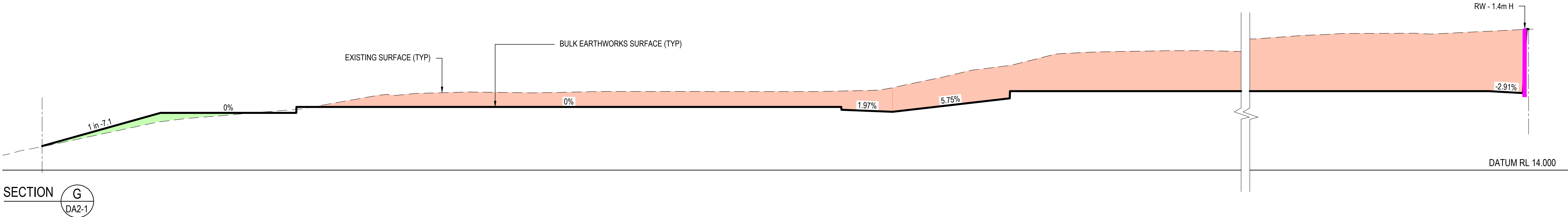
CHECKED AND CERTIFIED BY:

SALANTHA KALLIARACHCHI
RPEQ 13033

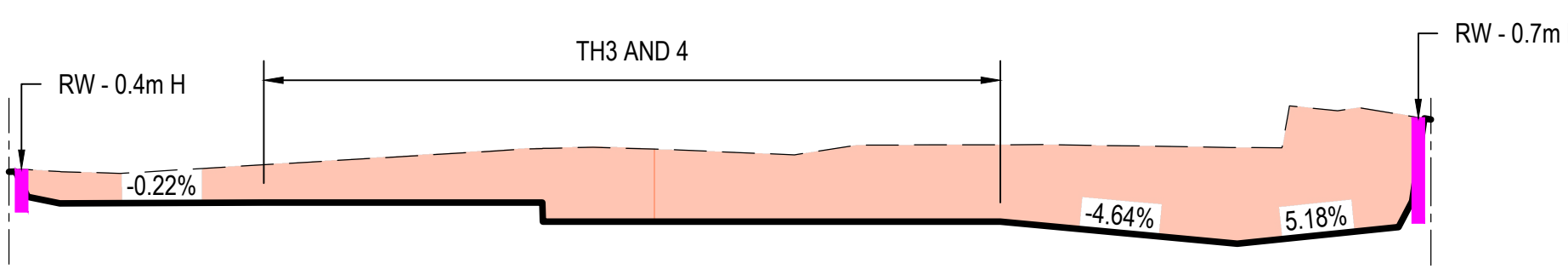
REV.	DESCRIPTION	DRAWN	CHECKED	DATE	CLIENT	PROJECT TITLE	PROJECT No.
P1	ISSUED FOR REVIEW	SK	SK	19/06/2026	BONZA PROJECTS	TOWNHOUSE DEVELOPMENT	162629
P2	ISSUED FOR APPROVAL	SK	SK	03/07/2026	ROGUE ARCHITECTS	58 TIMOR AVENUE, LOGANHOLME, QLD 4129	DATE JUNE 2026
		DESIGNED SK	DRAWN SK			DRAWING TITLE CONCEPT EARTHWORKS PLAN	SHEET SIZE A1
		CHECKED SK	SCALE 1 : 200				DRAWING No. DA-2-1
							REVISION P2

SHEET 2 OF 6

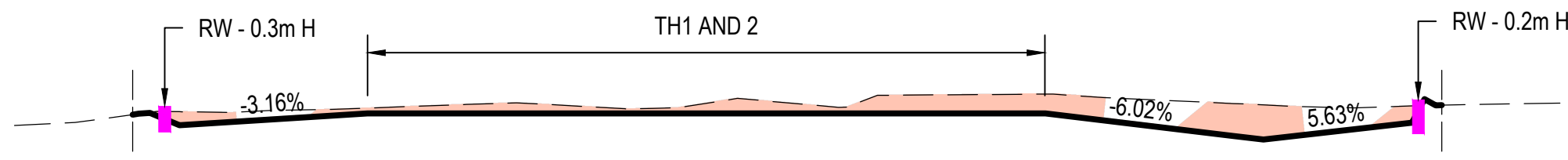
LEGACY ENGINEERS
Consulting Civil & Structural Engineers
ABN 91161686326 ACN 161 686 326
1036 LOGAN ROAD, HOLLAND PARK WEST, QLD 4121
T: 1300 136 198 E: info@legacyengineers.com.au
W: www.legacyengineers.com.au



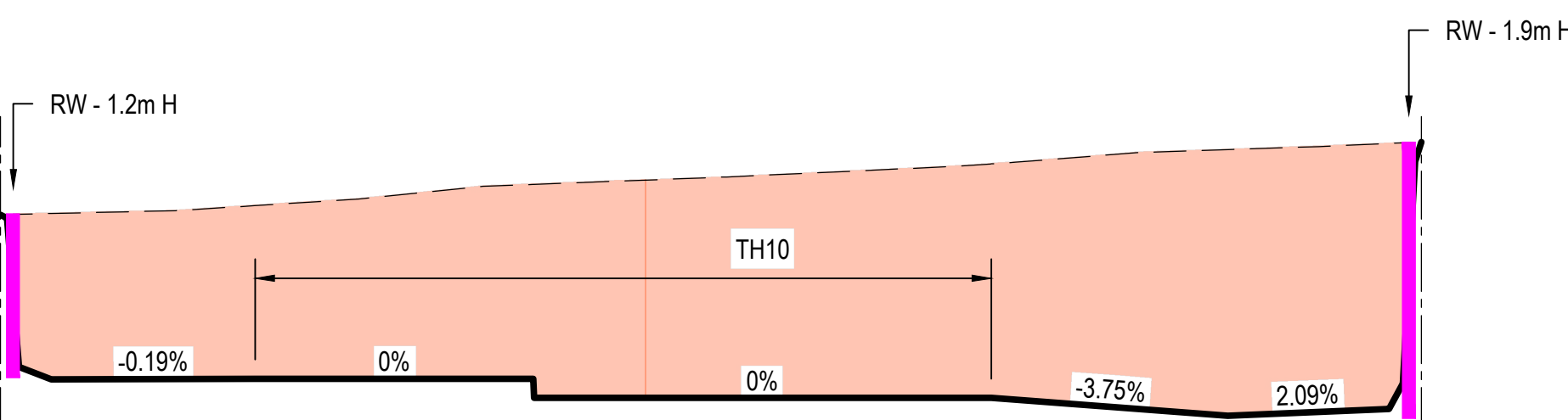
SECTION C
DA2-1
DATUM RL 14.500



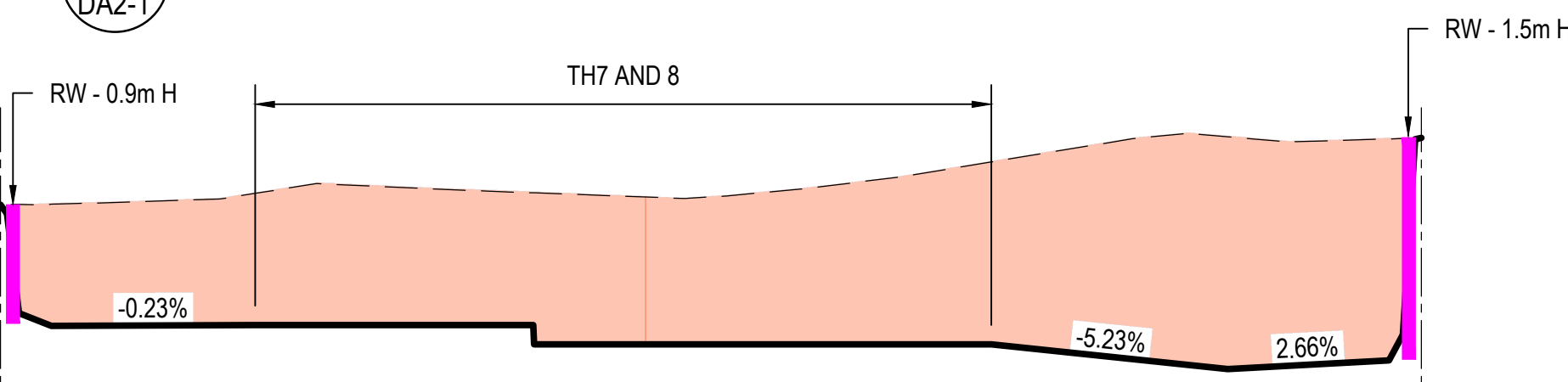
SECTION B
DA2-1
DATUM RL 15.000



SECTION A
DA2-1
DATUM RL 14.500



SECTION E
DA2-1
DATUM RL 15.000

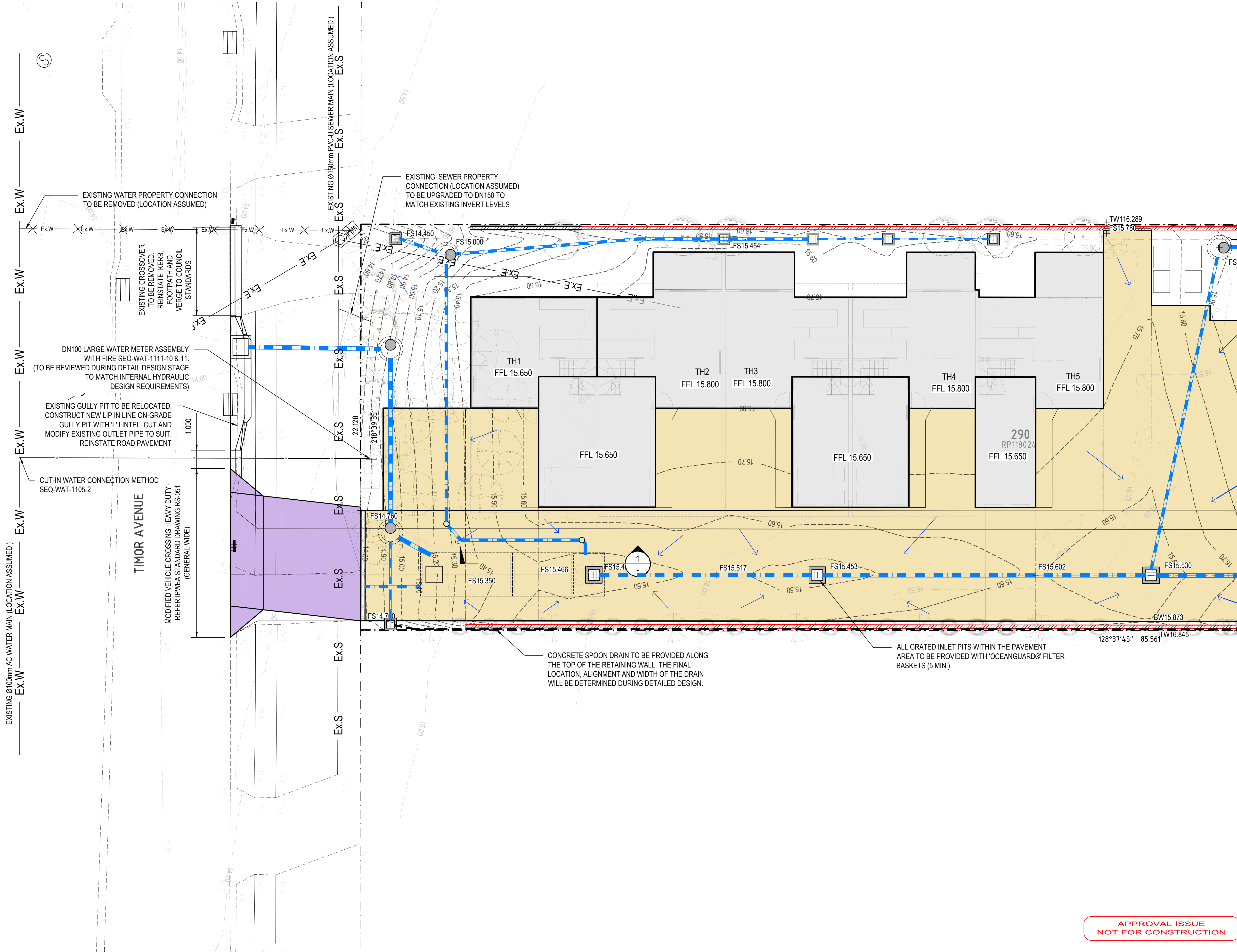


SECTION D
DA2-1
DATUM RL 15.000

AREA OF CUT
AREA OF FILL

APPROVAL ISSUE
NOT FOR CONSTRUCTION

DRAWING LEGEND	
SYMBOL	DESCRIPTION
PROPOSED	
	PROPOSED BUILDING FOOTPRINT
	PROPOSED CONCRETE PAVEMENT (DETAIL DESIGN)
	PROPOSED DRIVEWAY CROSSOVER (IPWEA RS-051)
	PROPOSED CONTOURS
FS14.400 ⁺	PROPOSED FINISHED SURFACE/ LIP OF KERB LEVEL
TW15.400 ⁺	PROPOSED FINISHED WALL LEVEL (TOP OF WALL)
BW14.250 ⁺	PROPOSED FINISHED WALL LEVEL (BOTTOM OF WALL)
ES15.250 ⁺	EXISTING SURFACE LEVEL (TO BE VERIFIED)
	DIRECTION OF FALL (PROPOSED SURFACE)
	PROPOSED STORMWATER PIT, LINE AND FLOW DIRECTION
	PROPOSED RETAINING WALL
EXISTING	
77.25 ⁺	EXISTING (PRE-DEVELOPMENT) SURFACE LEVEL
	EXISTING CONTOURS
Ex.D	EXISTING STORMWATER
Ex.S	EXISTING SEWER
Ex.W	EXISTING WATER
Ex.E	EXISTING ELECTRICITY
Ex.T	EXISTING COMMUNICATION LINE
	EXISTING SEWER AND STORMWATER MANHOLES
ABBREVIATIONS	
LCC	LOGAN CITY COUNCIL
FFL15.150	PROPOSED FINISHED FLOOR LEVEL



APPROVAL ISSUE
NOT FOR CONSTRUCTION



0 1 2 3 4 5m
SCALE 1:100 AT ORIGINAL SIZE

LEGACY ENGINEERS
Consulting Civil & Structural Engineers
ABN 91161686326 ACN 161 686 326
1836 Logan Road, HOLLAND PARK WEST, QLD 4121
T: 1300 136 198 E: info@legacyengineers.com.au
W: www.legacyengineers.com.au

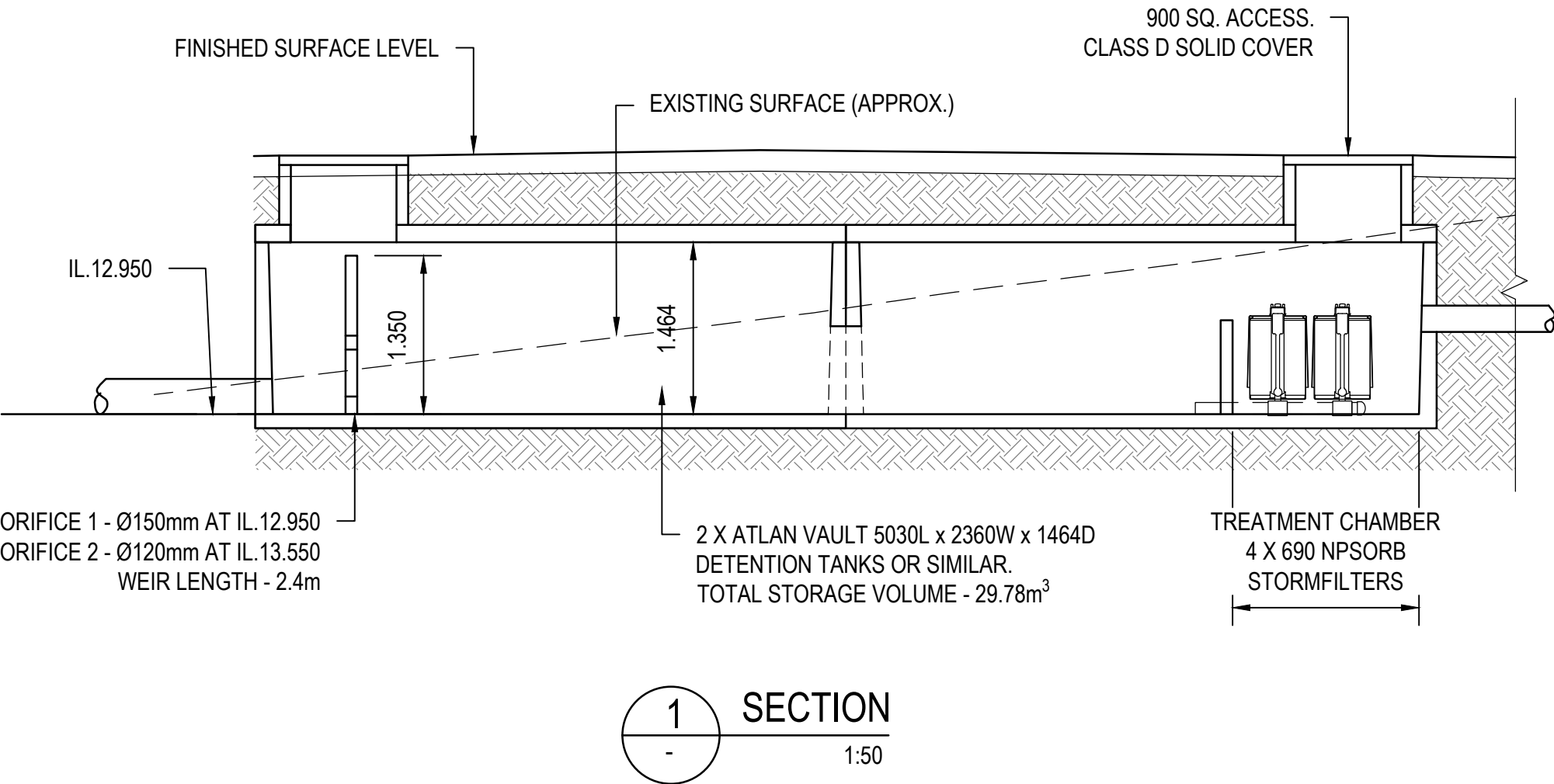
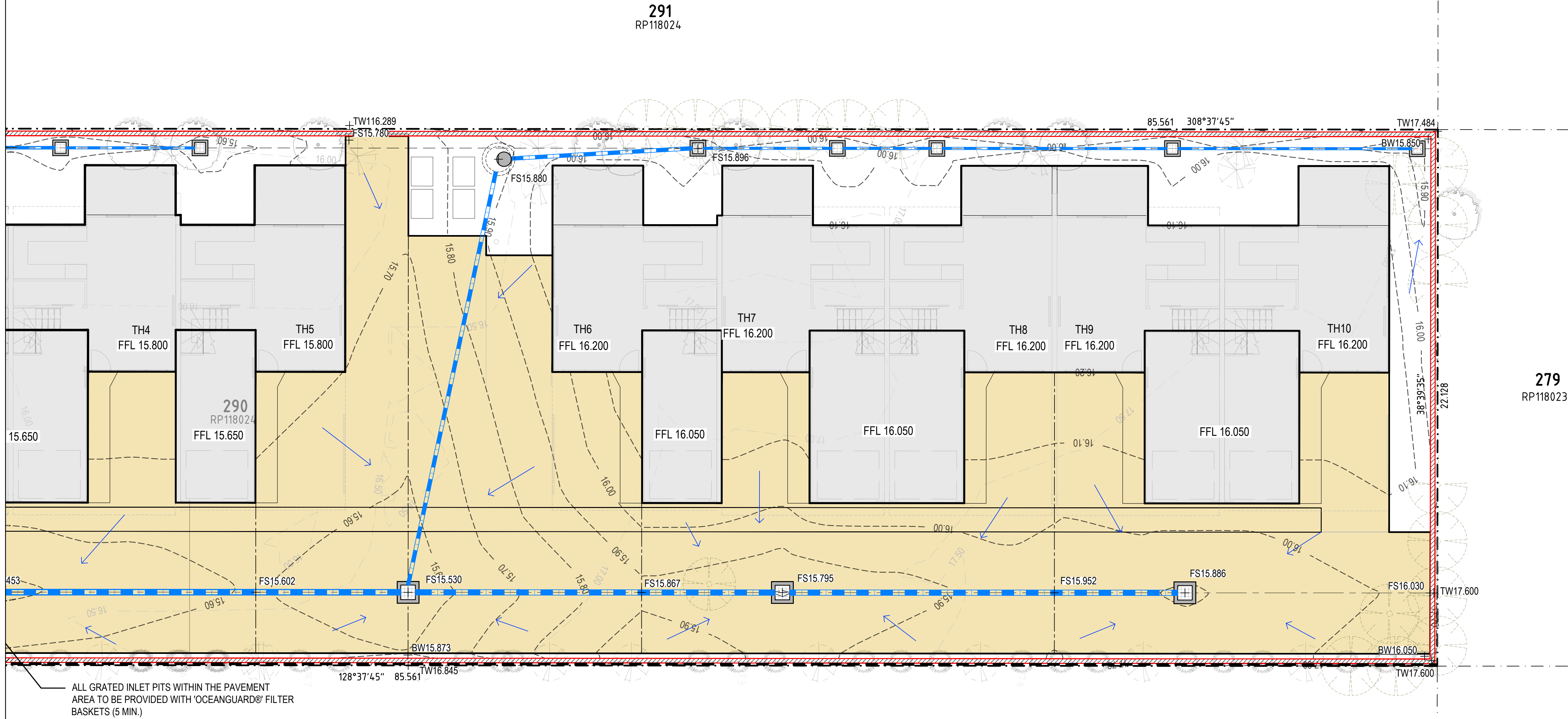
Copyright (C)
This document is and shall remain the property of Legacy Engineers Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement of the commission. Unauthorised use of this document in any form whatsoever is prohibited.

CHECKED AND CERTIFIED BY:

SALANTHA KALLIARACHCHI
RPEQ 13033

REV.	DESCRIPTION	DRAWN	CHECKED	DATE	CLIENT	PROJECT TITLE	PROJECT No.
P1	ISSUED FOR REVIEW	SK	SK	19/06/2026	BONZA PROJECTS	TOWNHOUSE DEVELOPMENT	162629
P2	ISSUED FOR APPROVAL	SK	SK	03/07/2026	ROGUE ARCHITECTS	58 TIMOR AVENUE, LOGANHOLME, QLD 4129	DATE JUNE 2026
					DESIGNED SK	DRAWN SK	SHEET SIZE A1
					CHECKED SK	SCALE 1 : 100	DRAWING No. DA-3-1
						CONCEPT CIVIL WORKS LAYOUT PLAN SHEET 1	REVISION P2

SHEET 4 OF 6



APPROVAL ISSUE
NOT FOR CONSTRUCTION



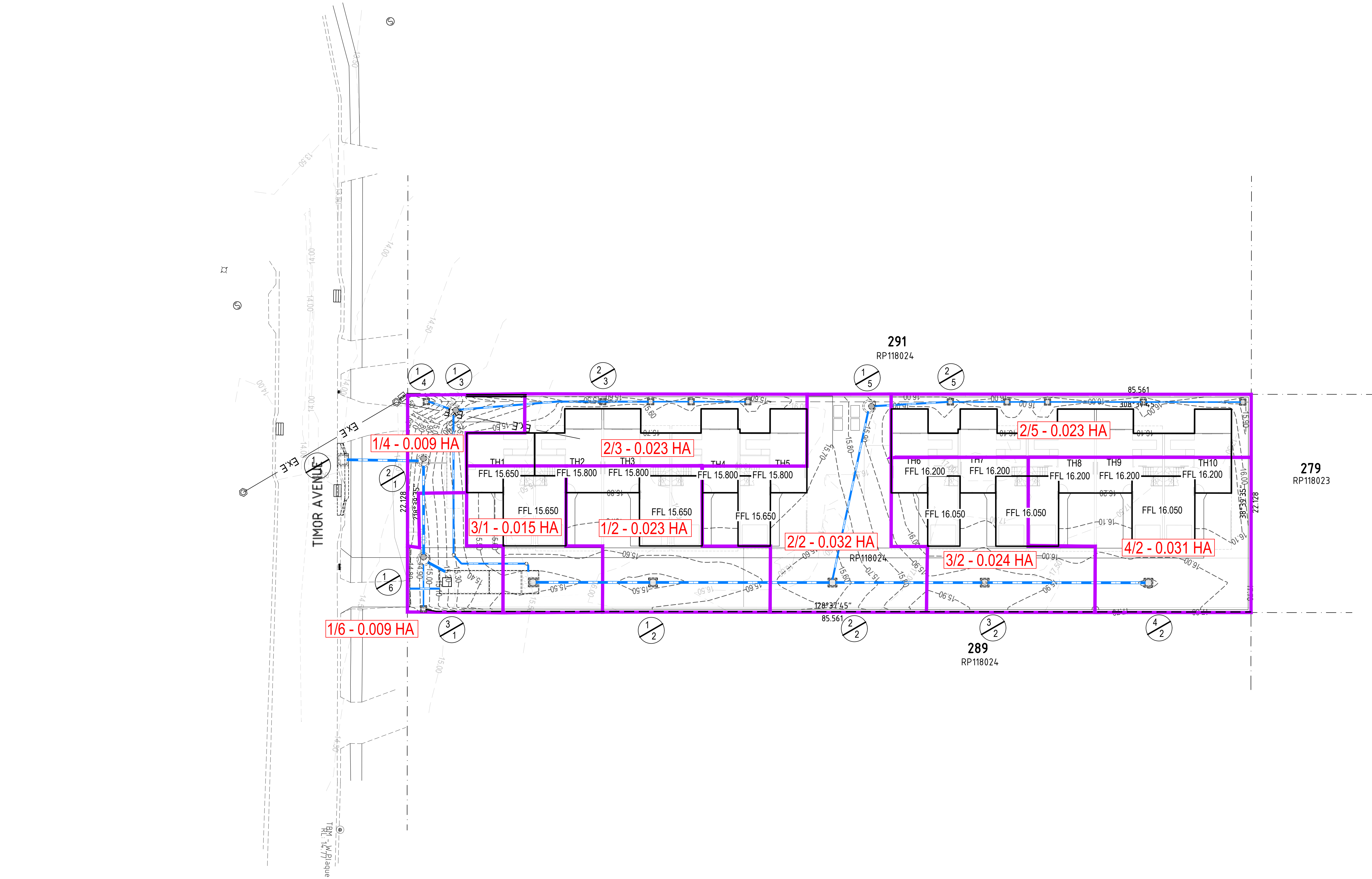
Copyright (C)
This document is and shall remain the property of Legacy Engineers Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement of the commission. Unauthorised use of this document in any form whatsoever is prohibited.

CHECKED AND CERTIFIED BY:

SALANTHA KALLIARACHCHI
RPEQ 13033

REV.	DESCRIPTION	DRAWN	CHECKED	DATE	CLIENT	PROJECT TITLE	PROJECT No.
P1	ISSUED FOR REVIEW	SK	SK	19/06/2026	BONZA PROJECTS	TOWNHOUSE DEVELOPMENT	162629
P2	ISSUED FOR APPROVAL	SK	SK	03/07/2026	ROGUE ARCHITECTS	58 TIMOR AVENUE, LOGANHOLME, QLD 4129	DATE JUNE 2026
		DESIGNED SK	DRAWN SK			DRAWING TITLE	SHEET SIZE A1
		CHECKED SK	SCALE 1 : 100			CONCEPT CIVIL WORKS LAYOUT PLAN SHEET 2	REVISION P2

SHEET 5 OF 6



APPROVAL ISSUE
NOT FOR CONSTRUCTION

LEGACY ENGINEERS
Consulting Civil & Structural Engineers
ABN 91161686326 ACN 161 686 326
1836 LOGAN ROAD, HOLLAND PARK WEST, QLD 4121
T: 1300 136 198 E: info@legacyengineers.com.au
W: www.legacyengineers.com.au

Copyright (C)
This document is and shall remain the property of Legacy Engineers Pty Ltd. The document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement of the commission. Unauthorised use of this document in any form whatsoever is prohibited.

CHECKED AND CERTIFIED BY:

SALANTHA KALLIARACHCHI
RPEQ 13033

REV.	DESCRIPTION	DRAWN	CHECKED	DATE	CLIENT	PROJECT TITLE	PROJECT No.
P1	ISSUED FOR REVIEW	SK	SK	19/06/2026	BONZA PROJECTS	TOWNHOUSE DEVELOPMENT	162629
P2	ISSUED FOR APPROVAL	SK	SK	03/07/2026	ARCHITECT ROGUE ARCHITECTS	58 TIMOR AVENUE, LOGANHOLME, QLD 4129	DATE JUNE 2026
		DESIGNED SK	DRAWN SK			DRAWING TITLE STORMWATER CATCHMENTS PLAN	SHEET SIZE A1
		CHECKED SK	SCALE 1 : 200				DRAWING No. DA-3-3
							REVISION P2

SHEET 6 OF 6