WATERCARE SERVICES LTD

Network As-built Approval

As-built Number: COMP-142408

Engineer: George Barlow

Date: 31/05/2023

1 - AS-BUILT DETAIL
SCALE NTS

2 - AS-BUILT DETAIL
SCALE NTS

COORDINATE SCHEDULE - MANHOLES

MH No.	mE	mN	Lid Level
EX F/1	1770783.02	5905374.40	51.98
A/1	1770785.17	5905372.70	51.87
A/2	1770851.37	5905357.94	52.97
B/1	1770777.43	5905347.00	53.33
B/2	1770794.60	5905315.27	55.21
B/3	1770822.58	5905308.64	56.17
EX G/1	1770799.70	5905292.92	56.12
C/1	1770844.47	5905282.27	56.86
C/2	1770846.94	5905277.82	57.54
C/3	1770835.64	5905230.15	59.34
D/1	1770866.79	5905271.53	57.63
D/2	1770855.14	5905223.47	59.42
E/1	1770787.63	5905241.55	58.32

ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND

ISO 9001 QUALITY ASSURED

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NOTES:

1. ORIGIN OF LEVELS
   S 66 SO 48643
   RL 54.50m
2. ORIGIN OF COORDINATES
   S 66 SO 48643
   5905356.71mN
   1770941.22mE
3. ALL CONNECTIONS ARE DN 100 uPVC. CHAINAGE FOR CONNECTIONS ARE FROM DOWNSTREAM MANHOLE CENTRE.
4. ALL WASTEWATER LINES ARE PVC-U SN16 UNLESS SHOWN OTHERWISE.

LEGEND:

- STAGE BOUNDARY
- NEW PUBLIC WASTEWATER LINE
- EXISTING PUBLIC WASTEWATER LINE
- NEW PRIVATE LOT CONNECTION
- NEW PUBLIC MANHOLE
- EXISTING PUBLIC MANHOLE

ENGINEERING APPROVAL
ENG-60397590

I CERTIFY THAT THESE AS-BUILT PLANS ARE AN ACCURATE RECORD OF THE WORKS UNDERTAKEN AND THAT:

- THE COORDINATES (X,Y) ARE IN TERMS OF NZTM ON NZGD (2000), AND ARE WITHIN ±50mm.
- THE LEVELS (Z) ARE IN TERMS OF THE AUCKLAND 1946 (MSL) LINZ DATUM (DOSLI DATUM), AND ARE WITHIN THE FOLLOWING TOLERANCES:
  - FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN ±10mm (LOCAL CIRCUIT I.E. INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY)
  - FOR ALL OTHER ASSETS ±20mm (E.G. MANHOLE COVERS, EARTHWORKS)

Name: *Stephen James Wardle*
Signed: .....
Licensed Cadastral Surveyor
Registration Number: *1000280* Date: *14/02/2023*
Phone: *022 699 4295*
Email: *S.Wardle@harrisongrierson.com*

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REF	REVISIONS	BY	DATE
C	AS-BUILT	WXK	24.03.23
B	AS-BUILT	WXK	10.02.22
A	AS-BUILT	WXK	29.11.22

PROJECT:

HUGH GREEN LIMITED
DONEGAL STAGE 16
36 TIR CONAILL AVENUE, FLAT BUSH

TITLE:

OVERALL WASTEWATER
AS-BUILT PLAN

ORIGINATOR: KKA	DATE: 09.2021	SIGNED:	PLOT BY: WXK
DRAWN: WXK	DATE: 11.2022	SIGNED:	PLOT DATE: 24.03.23
CHECKED: DAS	DATE: 12.2022	SIGNED:	SURVEY BY:
APPROVED: DAS	DATE: 12.2022	SIGNED:	SURVEY DATE:

ISSUE STATUS: AS-BUILT

PROJECT No: A2111813.00
SCALES: 1:500 - A1, 1:1000 - A3
A3

DRAWING No: A2111813.00-16-AB405
REV C