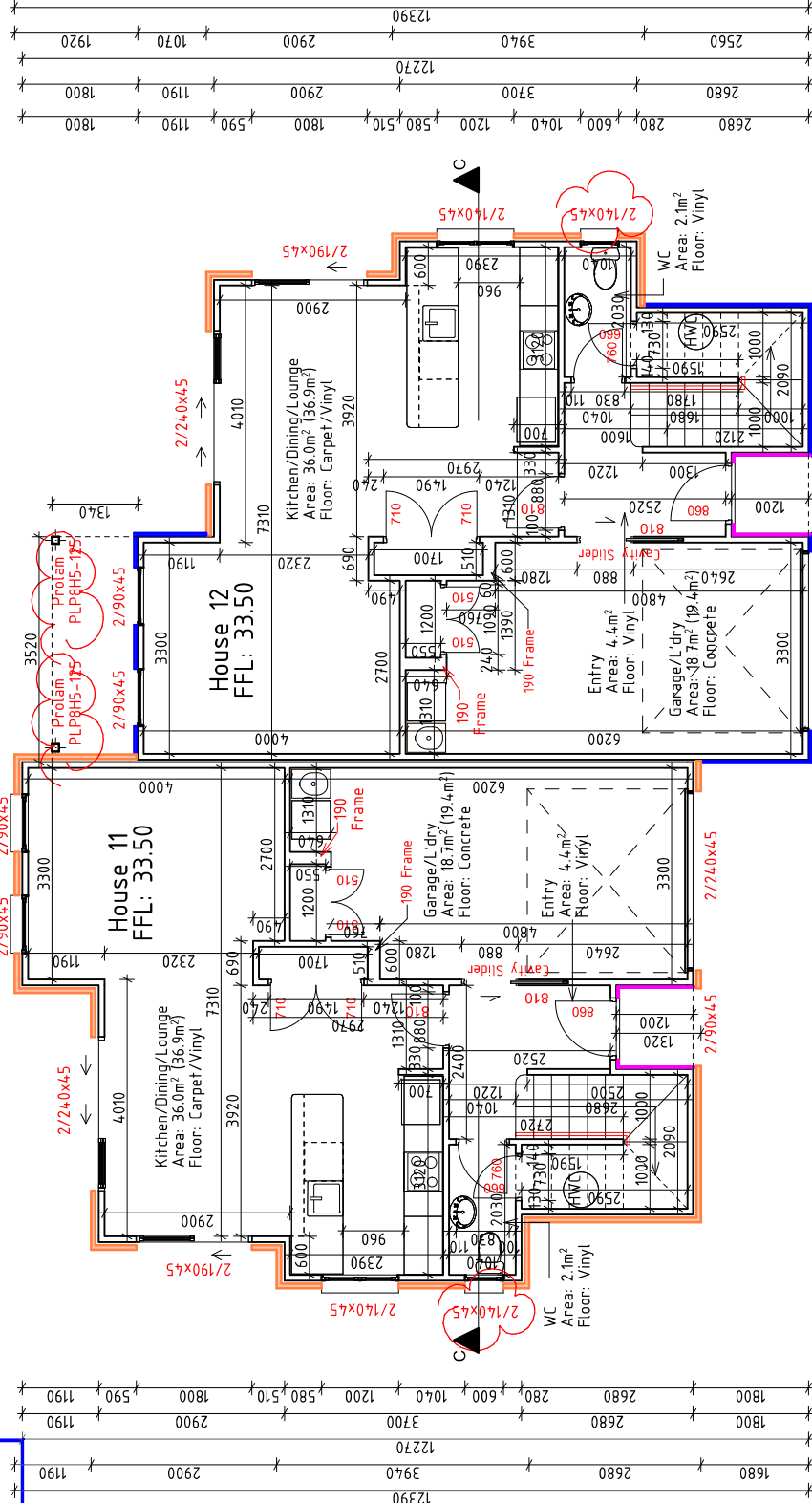


**BUILDING UNIT
APPROVED**

BC Number - DD007.2019.00039670.001
Date: 25/09/2019



STAIRS:
11 x RISERS = 177. TREAD =
280 + 15mm nosing
HANDRAIL 1000mm HIGH
ENSURE SMOKE DETECTOR AT
TOP OF STAIRS + TWO-WAY
LIGHT SWITCH TOP & BOTTOM
OF STAIRS

Cladding Key
B/B Weatherboard
Brick
Vertical Shiplap
1m High wall (to stairs)
2/90x45 Lintel Size

NOTES:
STRUCTURAL GRADE OF ALL TIMBER IS TO BE S68
ALL WALL AND ROOF TIMBER TO BE TREATED TO H1.2
BOTTOM PLATES, POSTS, CANTILEVERED FLOOR JOISTS
& DECKING ARE TO BE TREATED TO H3.2
CAVITY BATTEN ARE TO BE TREATED TO H3.1

**HOUSES 11 & 12 FLOOR LAYOUT
GROUND**

Amendment: 5 Sep 2019 Description: As indicated

NOTES:
1. Areas and distances are subject to survey.
2. Total CT area: 4442 m²

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MGSL acknowledges the supply of some base data from the relevant
Local Authorities and LINZ in the preparation of this plan.

**BUILDING CONSENT FOR LOTS 1-4 DPS 343817 &
ALLOTMENT 497 PARISH OF KIRIKIROA
3 DUPLEXES (6 HOUSES)**

Prepared for: Clapson Construction Ltd

Comprised in C.T. 179930, 179931, 179932,
179933 & SA25C470

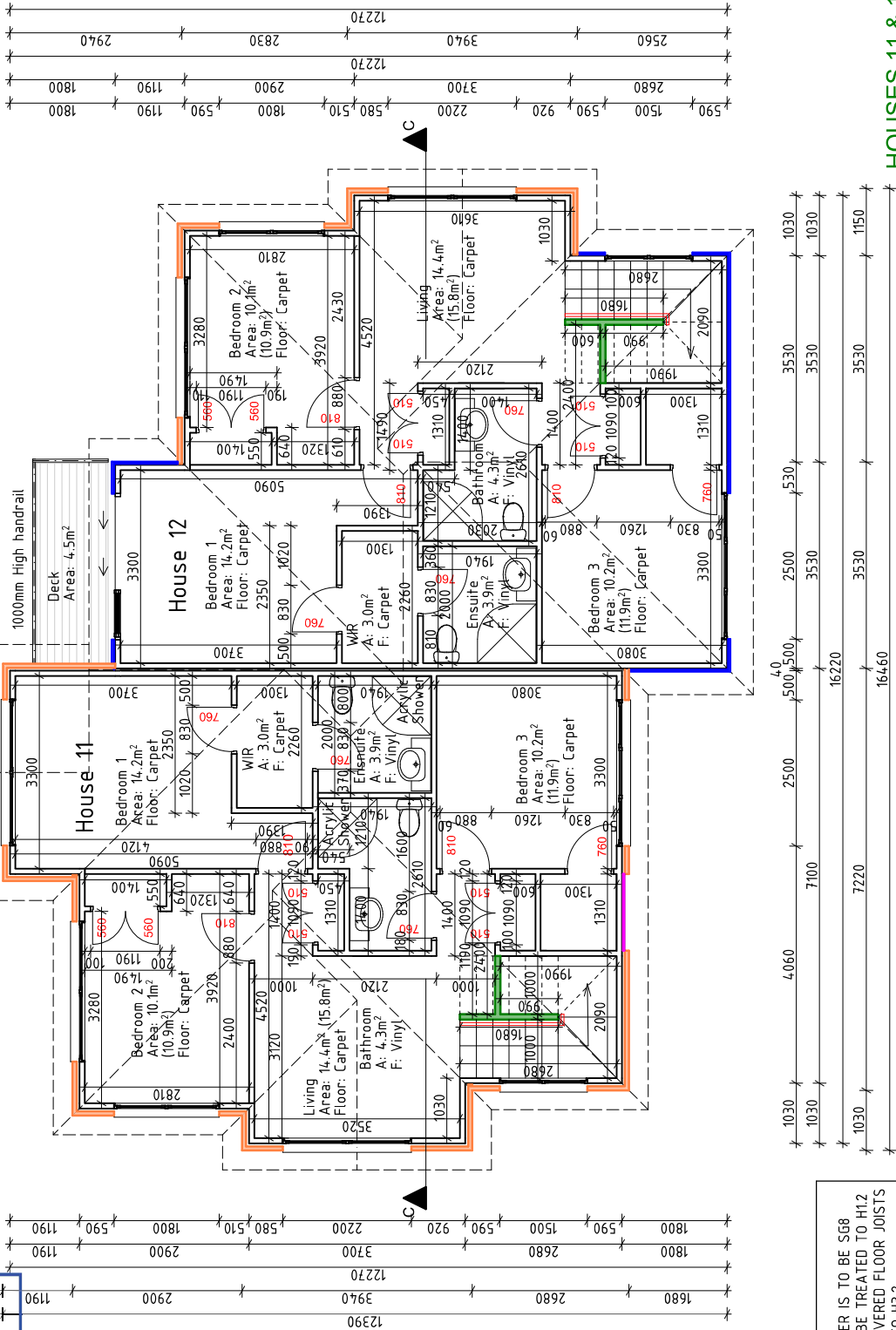
Address: 54 Brywood Rise & 3-9 The Link

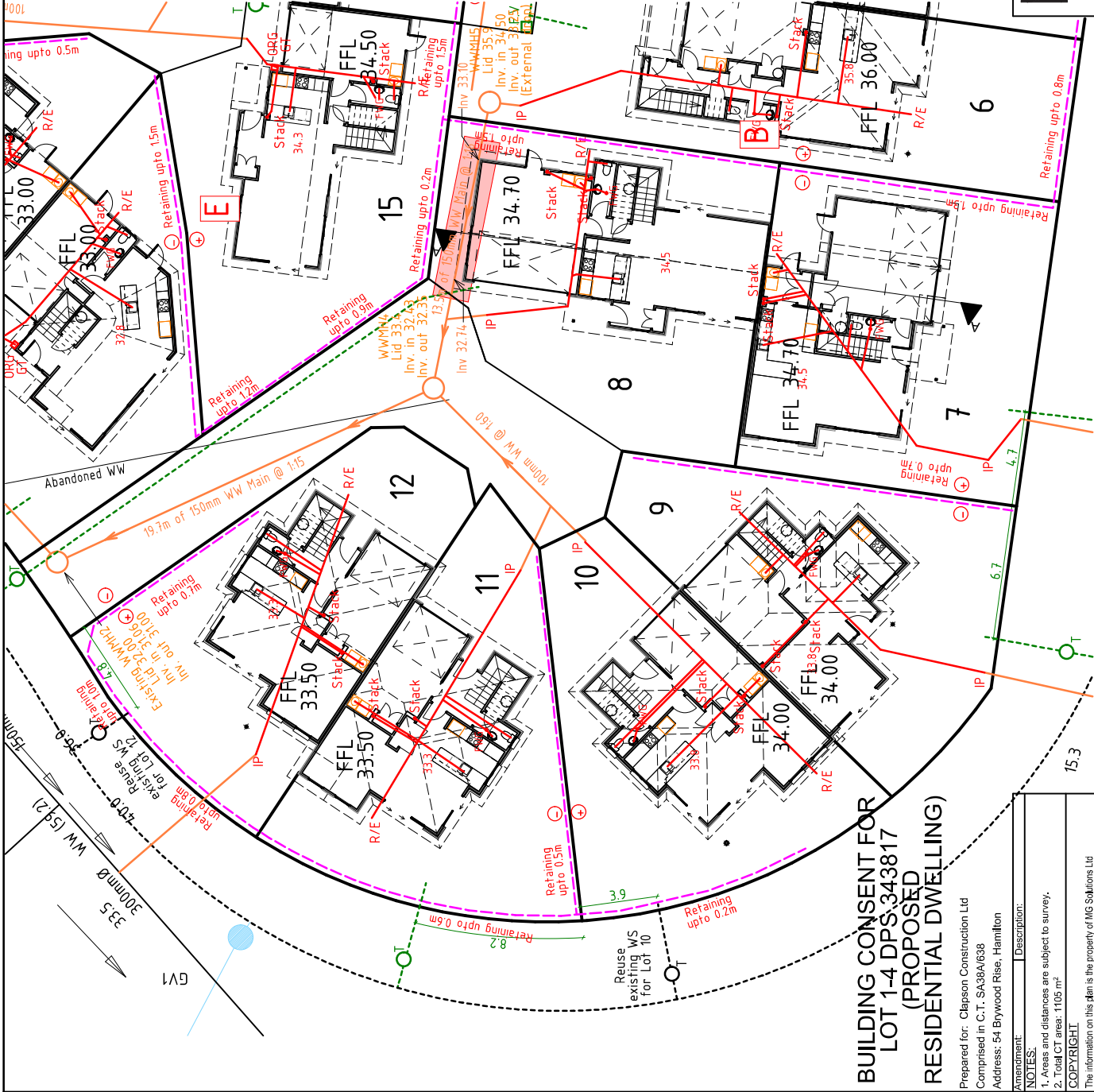
MG SOLUTIONS
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Design: MS Date: August 2019 Sheet 14 of 66
Drawn: JM Scale: 1:75 @ A3 Ref.: 15896
Checked: MS/JP

Original Sheet size A3 (420/297)





**BUILDING CONSENT FOR
LOT 14 DPS.343817
(PROPOSED
RESIDENTIAL DWELLING)**

Prepared for: Clapson Construction Ltd
Comprised in C.T. SA38A/638
Address: 54 Brywood Rise, Hamilton

Amendment	Description
NOTES:	
1.	Areas and distances are subject to survey.
2.	Total CT area: 1105 m ²

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MG.S.L. acknowledges the supply of some base data from the relevant
Local Authorities and LINZ. In the preparation of this plan.

- NOTES:**
- Minimum Wastewater pipes gradient under the building is @ 1:60
 - Unless shown otherwise pipe sizes are as follows
Size of trap & fixture
Discharge pipe DN mmØ
Vent pipe sizes mmØ
(for location of vent see layout)
 - * Basin 32 or 40
* Bath 32 or 40
* Shower 40 or 50
* Kitchen sink 32 or 40
* Laundry tub 40 or 50
* Wafer closet pan 100
* Washing machine 50
 - For all fixtures connected under the slab min. pipe should be 65mm Ø
 - For all HWC install safe tray and overflow to outside
 - FWG to have min. 40mm Ø pipe, grade 1:40 min. and be vermin proofed
 - Wastewater pipes are installed with integral overflows FWG
not required in kitchens & laundries
 - GI/GRG to be charged by exterior hose tap above unless noted otherwise
 - All plumbing services to comply with AS3500 & G13/AS1

Table 4: Discharge unit loading for stacks and graded discharge pipes
Paragraphs 4.3.2, 4.4.1 and 4.7.1

Diameter (mm)	Maximum discharge from any one floor	Vertical stack (Note 1)	Gradient discharge pipes Minimum gradient	
			1:20	1:30
32	1	1	1	1
40	2	6	6	5
50	3	15	15	10
65	8	18	51	29
80	13	40	65	39
100	65	195	376	248
142	115	248	102	142

*Note: Shaded area is not permitted
1. Total loading at the base of the discharge stack*

NOTE:
Low flow fixtures are to be installed. (Note that toilets, showers and taps are not included in this requirement.)
Zealand Water Efficiency Labeling Scheme meet this requirement)

KEY:
To be taken over by Council SN16+ as public works
Private WW line



**BUILDING UNIT
APPROVED**

BC Number - DD007.2019.00039670.001
Date: 25/09/2019

NEW WS CONNECTION:
Install new single WS for Lot 7, 4.7m from LHS Bay Lots 7/9 as shown.
Install new single WS for Lot 8, 0.1m from RHS ROW Bdy as shown.
Install new single WS for Lot 9, 6.7m from RHS Bay Lots 7/9 as shown.
Reuse existing WS for Lot 10, 3.9m from LHS Bay Lots 10/11 as shown.
Install new single WS for Lot 11, 8.2m from RHS Bay Lots 11/12 as shown.
Reuse existing WS for Lot 12, 4.8m from LHS Bay Lot 12/ROW B as shown.

**WASTEWATER & WATER CONNECTIONS LAYOUT
GROUND**



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Design: MS
Drawn: JM
Checked: MSUJP

Date: August 2019
Scale: 1:200 @ A3
Ref.: 15896

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Original Sheet size A3 (420x297)

NOTES:
 1 Downpipes shall have an internal diameter of no less than 85mm.
 2 For soak trench information and design details see AECOM Ltd. report and signed PS1 form.
 3 Proposed units finished level as shown on the layout.
 Minimum ground level below finished floor level will be:
 if grass: min. 225mm below.

- Catchpit
- Cleaning Chamber
- 80mm Downpipe
- 80mm Downpipe, connect to full height D.P. at soffit level
- 80mm Downpipe/spreader
- Kerb & Channel
- Secondary Flow
- Permeable type paving

STAGE 2
Stormwater Detention System
Rainsmart Tank System 715x400x440 deep,
fully wrapped in geotextile cloth.

ROW B
Total catchment area = 276.9m²
Split into two sections

CP/CC1: 20 tanks (10 dual tanks)
Catchment area:
Part ROW B
Total Catchment area = 103.5m²
Orifice size 15mm

CP/CC2: 33 tanks (16 dual tanks + 1 single tank)
Catchment area:
Part ROW B + parking houses 8-12
Total Catchment area = 173.0m²
Orifice size 19mm

House 7
22 tanks (11 dual tanks).
Roof catchment area of 108.0m².
Orifice size 15mm

House 8
22 tanks (11 dual tanks).
Roof catchment area of 112.2m².
Office size 15mm

House 9
17 tanks (8 dual tanks + 1 single tank).
Roof catchment area of 85.1m².

House 10
18 tanks (9 dual tanks).
Roof catchment area of 88.0m².
Orifice size 14mm

House 11
17 tanks (8 dual tanks + 1 single tank).
Roof catchment area of 82.9m².
Office size 13mm

House 12
19 tanks (9 dual tanks + 1 single tank).
Roof catchment area of 93.4m².
Orifice size 15mm

Amendment: 5 Sep 2019	Description: AS
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NOTES:

1. Areas and distances are subject to survey.

2. Total CT area: 1105 m²

**BUILDING CONSENT FOR LOT 1-4 DPS 343817
(PROPOSED RESIDENTIAL DWELLING)**

Prepared for: **Clapson Construction Ltd**

Comprised in C.T. SA38A/638

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