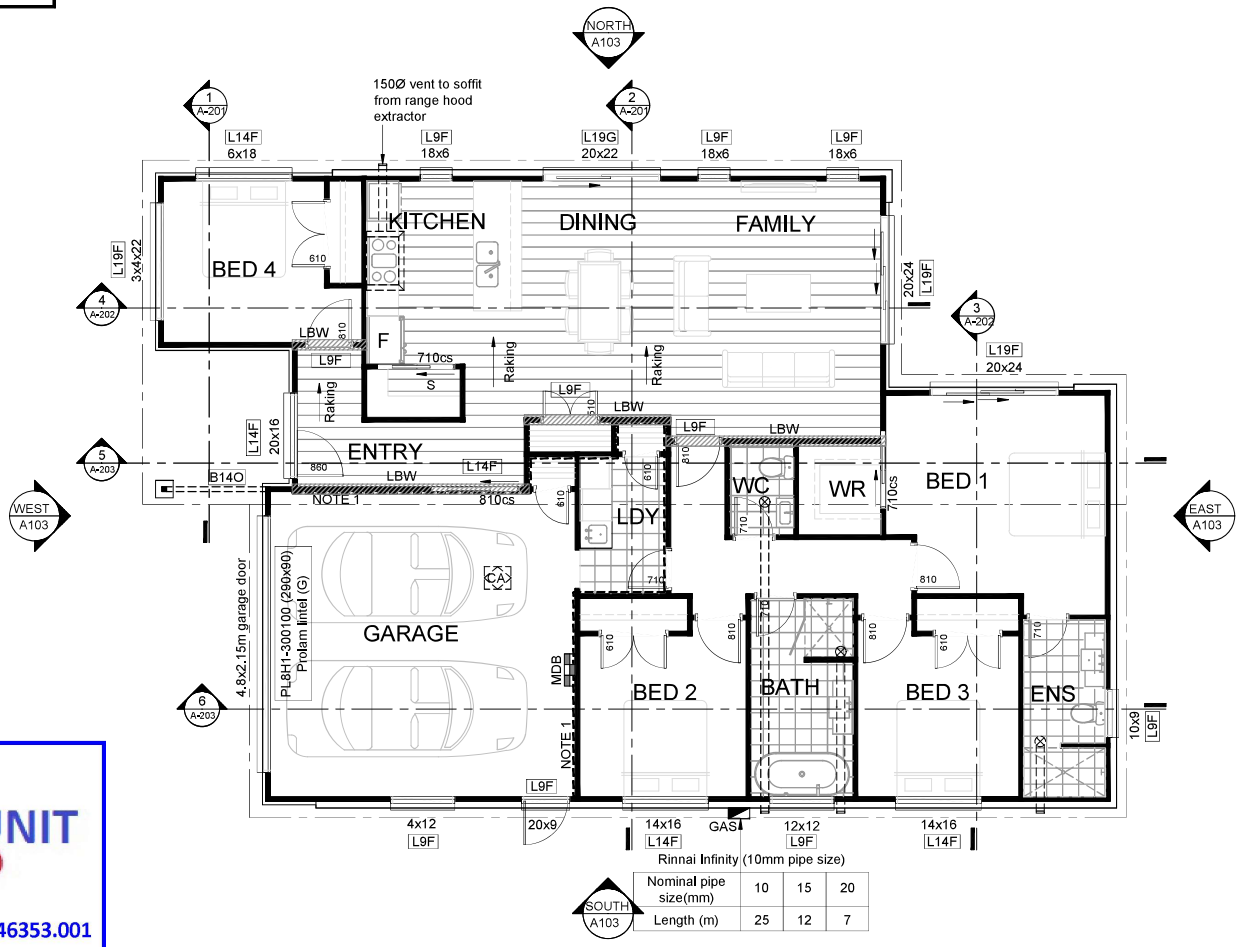
BEFORE CONSTRUCTION BEGINS, BUILDER MUST CHECK ALL DIMENSIONS ARE CORRECT AND ALL CONSTRUCTION WORK COMPLIES WITH THE NZS3604:2011 AND NEW ZEALAND BUILDING CODE, LOCAL BODY BYLAWS AND RELEVANT NEW ZEALAND STANDARDS.

LEGEND:	
MDB	COMBINED METER/DISTRIBUTION BOX
GAS	RINNAI INFINITY GAS
CA	CEILING ACCESS HATCH
	150Ø MECHANICAL VENT
LBW	LOAD BEARING WALL
NOTE 1	EXTENT OF INSULATION ENVELOPE



Rinnai Infinity (10mm pipe size)

Nominal pipe size(mm)	10	15	20
Length (m)	25	12	7

Hamilton City Council

BUILDING UNIT APPROVED

BC Number - DD007.2023.00046353.001

AREAS: V4

GROUND FLOOR AREA = 173m²
(OVER FRAMING - NOT INCLUDING COVERED AREAS)

TOTAL FLOOR AREA = 177m²
(OVER FOOTPRINT)

* EAVES NOT INCLUDED IN COVERED AREAS

NOTES:

- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH WRITTEN SPECIFICATIONS, DETAILS AND ALL OTHER CONSULTANTS DRAWINGS, DETAILS, REPORTS AND DOCUMENTS.

- ALL STUD HEIGHT 2.55m (UNLESS STATED OTHERWISE ON PLAN)

- ALL GABLE AND SOFFIT OVERHANGS NOT DIMENSIONED TO BE 300mm FROM FRAMING.

- R INSULATION VALUES ARE
  - FLOOR = NO ADDITIONAL REQUIRED
  - WALLS = 2.2
  - ROOF = 3.6
  - GLAZING = 0.37

AS PER ATTACHED H1 COMPLIANCE REPORT.

- NAILING SCHEDULE FOR WALL FRAMING. REFER TO NZS 3604, TABLE 8.19 OR PAGE F2

LINTEL AND FIXING TABLE

Lintel name	Lintel size	Fixing type
L9F	2/90x45mm	F
L14F	2/140x45mm	F
L19F	2/190x45mm	F
L19G	2/190x45mm	G
Beam name	Beam size	
B14O	2/140x45mm	O

- FOR BOTTOM PLATE FIXINGS, REFER TO PAGE F1.

- FOR LINTEL FIXINGS, REFER TO PAGE F3.

- ALL LEVELS TO BE CHECKED ON SITE PRIOR TO COMMENCING CONSTRUCTION.

- MECHANICAL EXTRACT FANS ARE TO BE VENTED TO THE EXTERIOR OF THE BUILDING AND MUST ACHIEVE A FLOW RATE NOT LESS THAN 25L/s FOR SHOWERS AND BATHS AND 50L/s FOR COOK TOPS AS PER G4/AS1 CLAUSE 1.3.3. ALL ROOMS WITH EXTRACT FANS MUST HAVE A 20mm GAP UNDER AT LEAST 1 DOOR FOR AIR FLOW.

- IMPERVIOUS TYPE FLOORING FINISH TO ALL WET AREAS, KITCHEN AND ENTRY

- SPACES FOR FOOD PREPARATION, INTERIOR LININGS AND UTENSIL WASHING SHALL HAVE IMPERVIOUS AND EASILY CLEANED SURFACES AS PER G3.3.2

- SLIP RESISTANT TILES ON SELECTED WATERPROOF MEMBRANE TO WET AREAS. REFER TO SPEC

KEY:

⊖ = GIRDER TRUSS POINT LOAD

TIMBER TREATMENTS:

- ALL TIMBERS ARE SG8, UNLESS STATED OTHERWISE.

- ALL TIMBERS ARE H1.2 TREATED AS PER TABLE 1A B2/AS1, EXCEPT:
  - DRAINAGE CAVITY BATTENS ARE H3.1.
  - FRAMING EXPOSED TO WEATHER OR ABOVE GROUND IS H3.2.
  - ANY POSTS OR PILES IN CONTACT WITH THE GROUND ARE H5.

HBC Design Limited
Unit 5/60 Hare Puke Drive, Flagstaff, Hamilton 3210
E-mail: office@hbcdesign.nz
Ph: (07) 853 2000

Proposed: Dwelling for Lot 604 - DP 587367, 10 Halley Drive, Greenhill Park, Hamilton.

Drawing Name: FLOOR PLAN

Amendments:

Date: June 2023

No: A-101

Scale: 1:100

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BEFORE CONSTRUCTION BEGINS, BUILDER MUST CHECK ALL DIMENSIONS ARE CORRECT AND ALL CONSTRUCTION WORK COMPLIES WITH THE NZS3604:2011 AND NEW ZEALAND BUILDING CODE, LOCAL BODY BYLAWS AND RELEVANT NEW ZEALAND STANDARDS.

LOW FLOW WATER FIXTURES ARE TO BE INCORPORATED:

- SHOWERS USING NOT MORE THAN NINE LITRES OF WATER PER MINUTE

- TAP EQUIPMENT USING NOT MORE THAN NINE LITRES OF WATER PER MINUTE

- TOILETS USING NOT MORE THAN FOUR LITRES ON AVERAGE PER FLUSH

- TOILETS, SHOWERS, AND TAPS WITH AT LEAST A 3 STAR RATING IN ACCORDANCE WITH THE NEW ZEALAND WATER EFFICIENCY LABELLING SCHEME MEET THIS DEFINITION.

LEGEND

SS	Existing Council Wastewater Main		Water Toby
SS	DN100mm uPVC Council Wastewater pipe		Ø20mm MDPE Council Water pipe
	DN100mm uPVC Wastewater pipe @ 1:60 fall	⊗	DN50mm Rodding Eye Inspection point
	DN40mm uPVC Wastewater pipe @ 1:40 fall	ORG	Overflow Relief Gully
SW	Existing Council Stormwater Main	IB	Inspection Bend
	Ø100mm Stormwater pipe @ 1:60 fall	IJ	Inspection Junction
		TV	Terminal Vent

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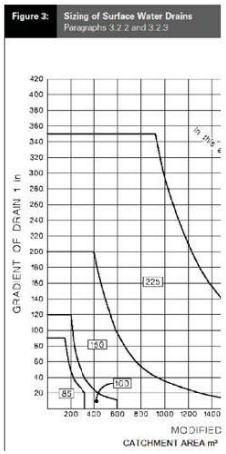


NOTES:

- CHECK POSITION OF WASTEWATER AND STORMWATER PRIOR TO COMMENCING CONSTRUCTION AND CHECK ALL PIPE DIAMETERS, GRADIENTS, ETC. ON SITE TO ENSURE ACCEPTABLE FALLS

- ALL PLUMBING AND DRAINAGE IS TO BE INSTALLED AND TESTED BY A REGISTERED TRADESPERSON

- ALL PLUMBING AND DRAINAGE TO COMPLY WITH AS/NZS 3500.2 AND E1/AS1 AND WITH ALL RELEVANT CODES AND LOCAL BYLAWS

- WATER SUPPLY TO COMPLY WITH NZBC G12/AS1

- INTERNAL WATER RETICULATION PIPES (HOT AND COLD) ARE TO BE POLYVINYL CHLORIDE -PVC- INSTALLED TO MANUFACTURER'S SPEC.

- WATER SUPPLY MIN NOMINAL PIPES DIA'S

• TEMPERING VALVE	20mm
• SHOWER COLD	20mm OR 10mm DEDICATED LINE
• SHOWER HOT	20mm OR 15mm DEDICATED LINE
• BATH, SINK, L'DY	15mm (20m MAX. LENGTH)
• BASIN	15mm (20m MAX. LENGTH)

- ALL SANITARY WASTE PLUMBING AND DRAINAGE PIPES ARE TO BE DWV GRADE uPVC AND COMPLIANT WITH AS/NZS 1260

- ORG IS TO BE 100mm ABOVE UNPAVED SURFACE OR AT A HEIGHT THAT PREVENTS PONDING OR THE INGRESS OF WATER WHERE LOCATED IN A PAVED SURFACE

- ALL HOSE TAPS TO BE FITTED WITH VACUUM BREAK NON-RETURN VALVES

MINIMUM FALL TO DRAINAGE RUNS:

DN 40	1:40 GRADIENT
DN 65	1:40 GRADIENT
DN 80/100	1:60 GRADIENT
DN 100 SW	1:60 GRADIENT

INSPECTION ACCESS POINTS

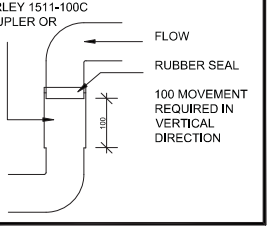
PROVIDE ACCESS POINTS TO ALL DRAINS AS REQUIRED BY AS/NZS 3500.2, 4.7 AND NZBC E1, 3.7
1. ON BRANCH DRAINS CARRYING SOIL WASTE CLOSE TO THE BUILDING BUT NO FURTHER AWAY THAN 2.5m
2. AT INTERVALS NOT MORE THAN 30m FOR SANITARY OR 50m FOR STORMWATER
3. ON THE DOWNSTREAM END OF DRAINS PASSING UNDER A BUILDING
4. AT THE JOIN WITH THE EXISTING DRAINAGE CONNECTION
5. AT CHANGES OF DIRECTION OR GRADIENT GREATER THAN 45°
6. AT A JUMP-UP
7. AT JUNCTIONS ON STORMWATER DRAINS EXCEPT WHERE THE BRANCH SERVES ONLY ONE DP AND IS LESS THAN 2m LONG

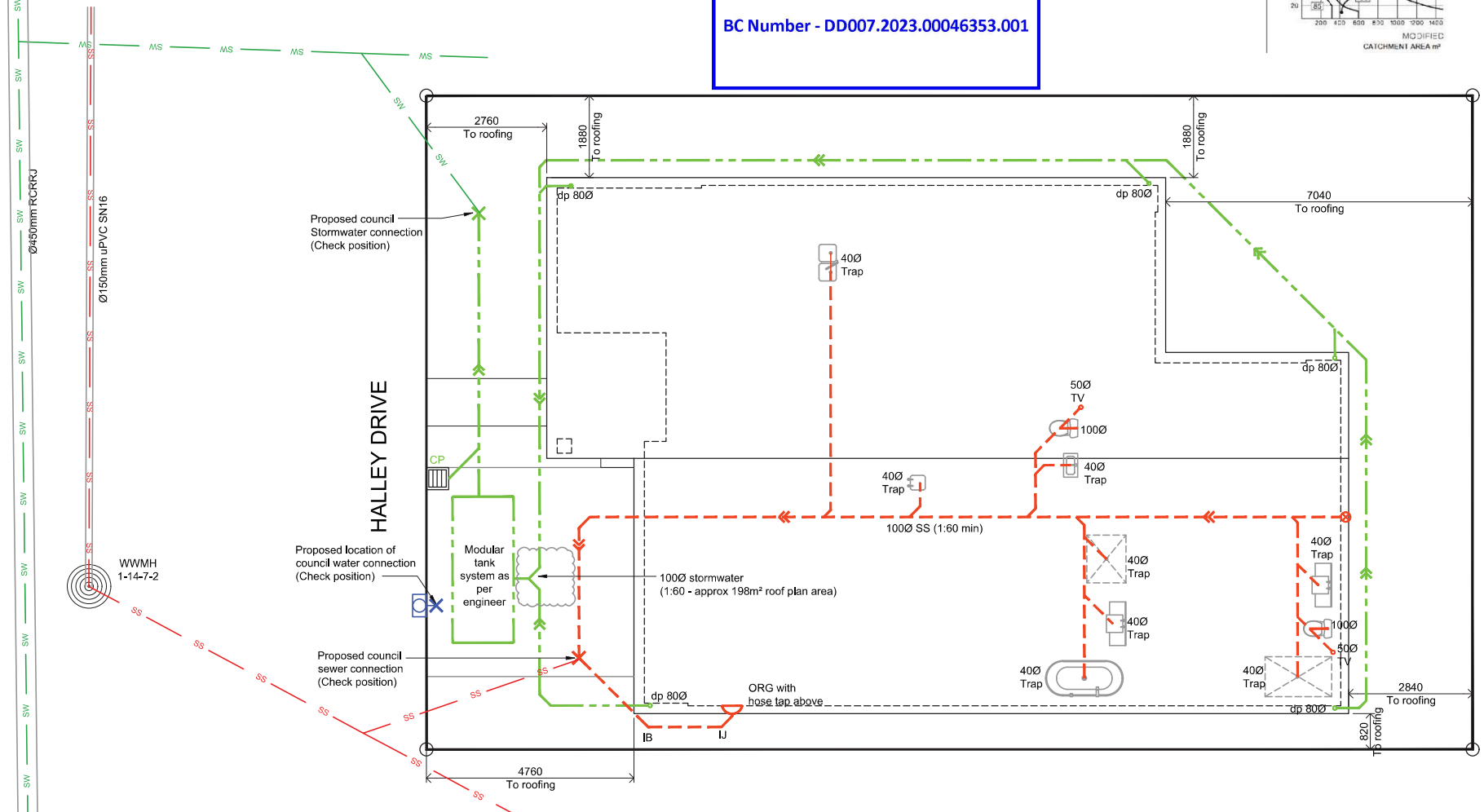
FINAL INSPECTION POINT POSITIONS ARE TO BE CONFIRMED BY THE DRAINLAYER ON DRAINAGE AS-BUILTS

WATER SUPPY:

- FLEXIBLE DRAINAGE JOINTS ARE TO BE INSTALLED WHERE WW DRAINAGE LEAVES THE SLAB AND ENTERS THE GROUND

USE MARLEY 1511-100C SLIP COUPLER OR SIMILAR





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Proposed: Dwelling for Lot 604 - DP 587367, 10 Halley Drive, Greenhill Park, Hamilton.

Drawing Name: DRAINAGE PLAN

Amendments:	Date:	No:
1/11/2023: RFI - Sump removed as clouded.	June 2023	A-305
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