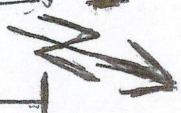


17.2



ASHBURTON DISTRICT COUNCIL
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Resource consent no: LC12/10080
Sheet: 1 of 4
Date 20/9/14 Planner *[Signature]*

proposed Building

5m

5m

10m

4.2

8m

1m

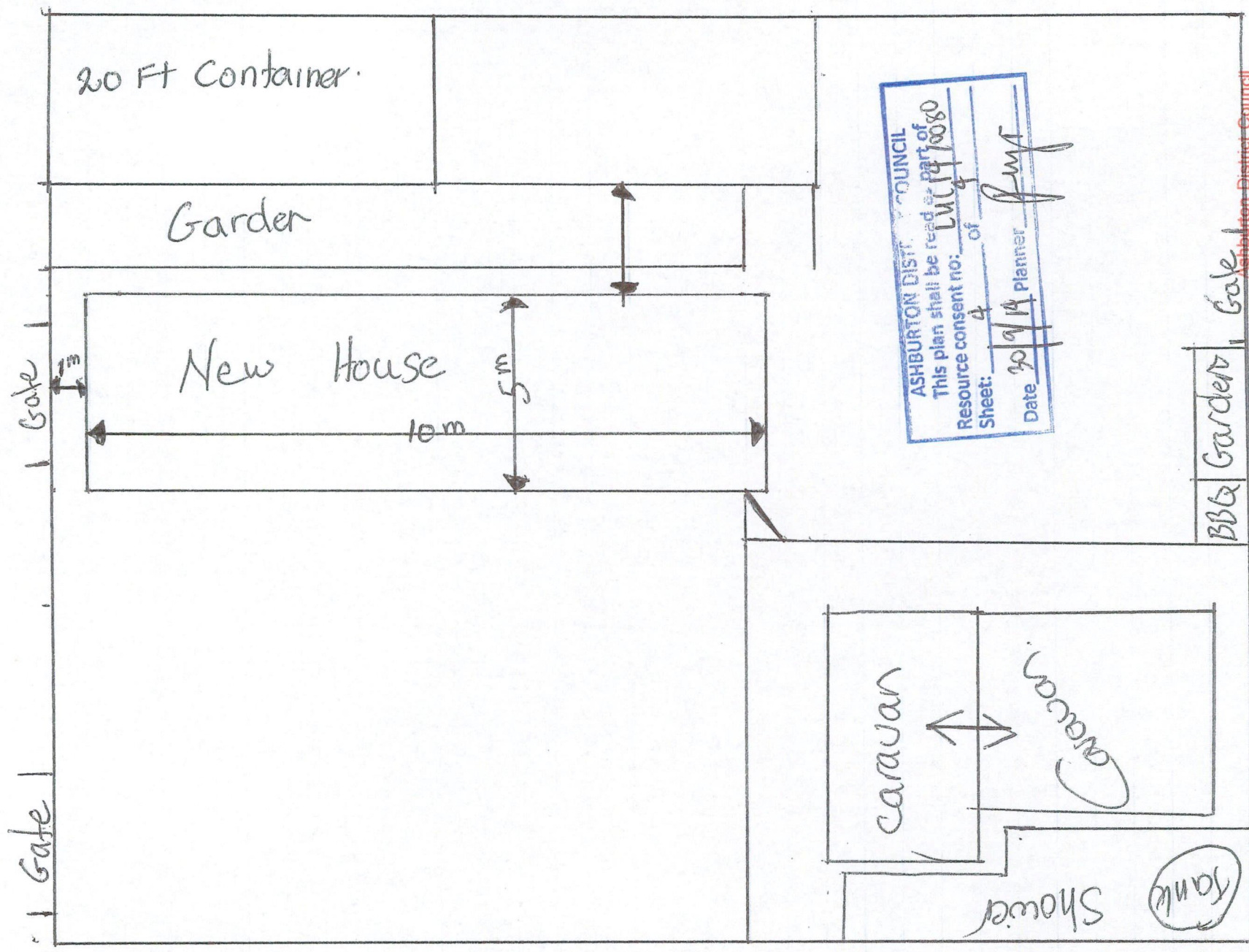
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Strachan - Clark

ROAD FRONTAGE

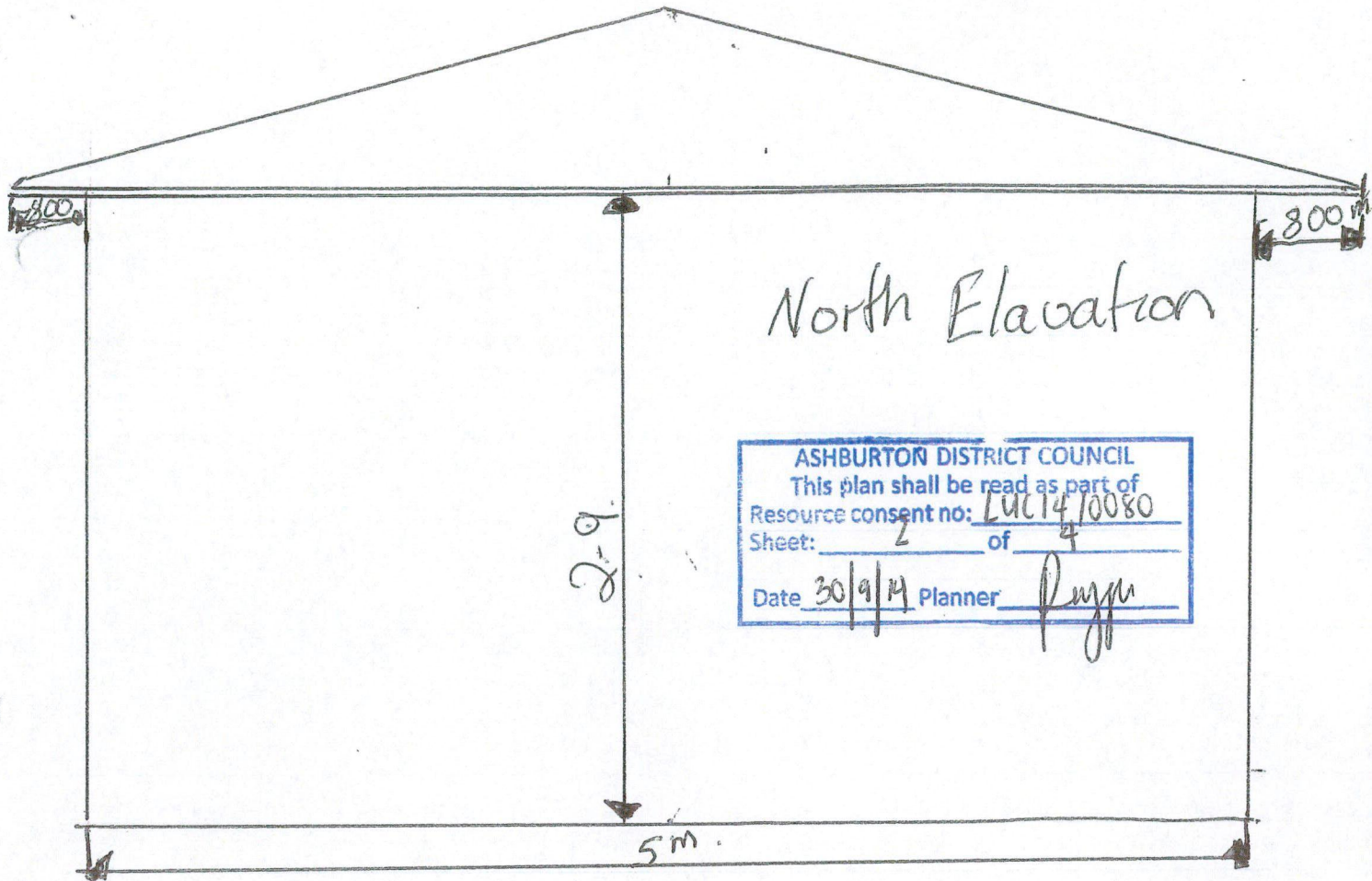


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Sheet: 4 of 4
Date: 20/9/14 Planner: fmf

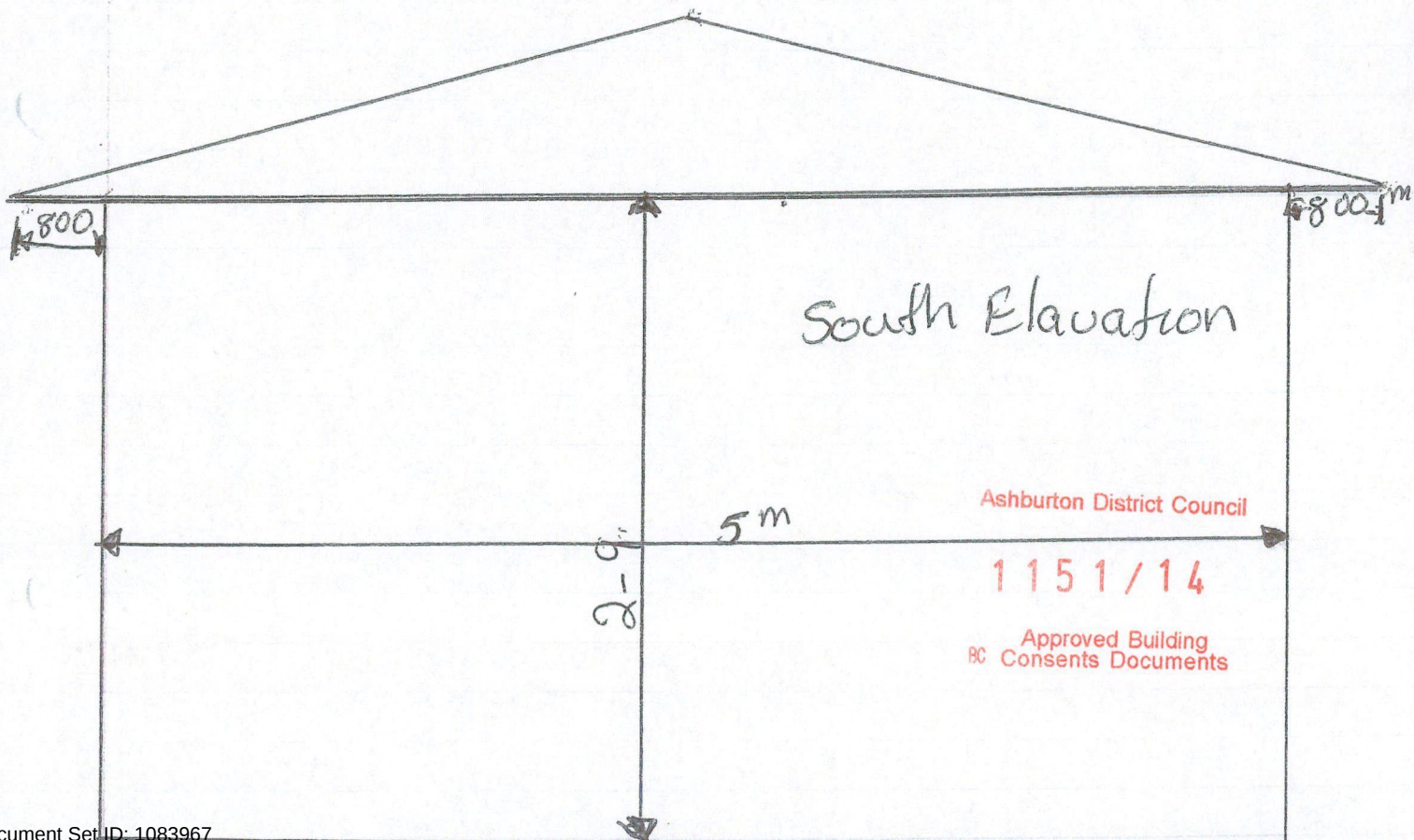
BBQ Garden Gate
Ashburton District Council

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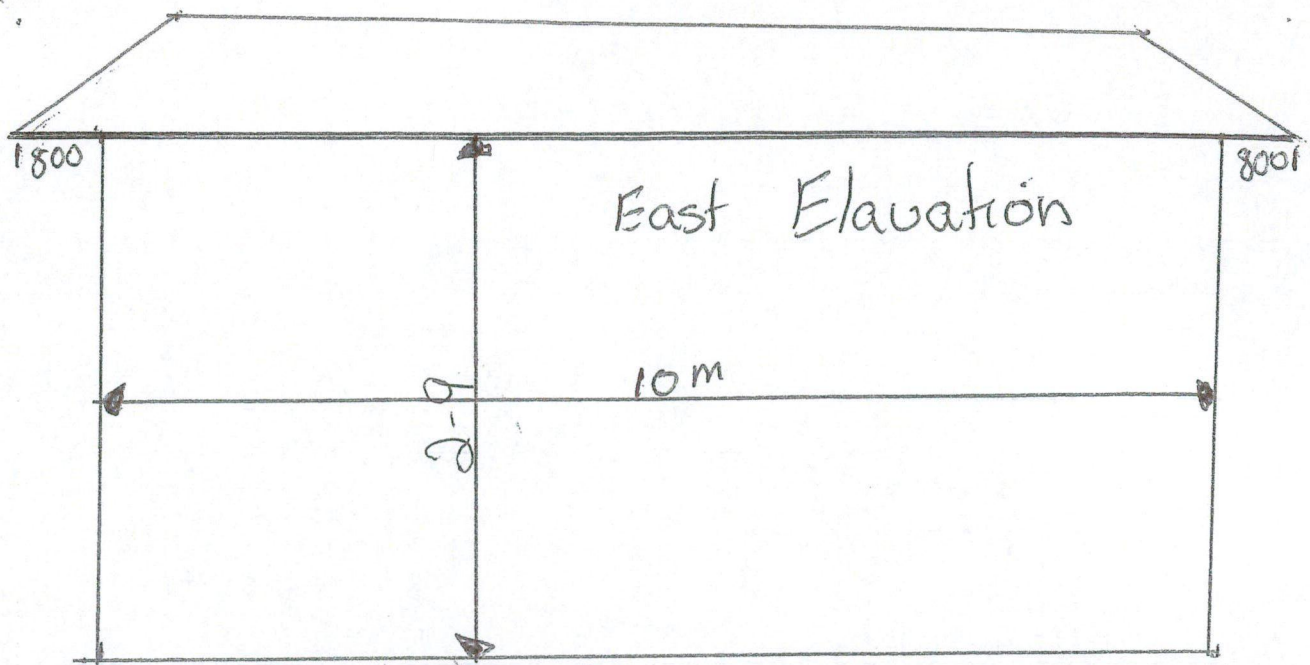
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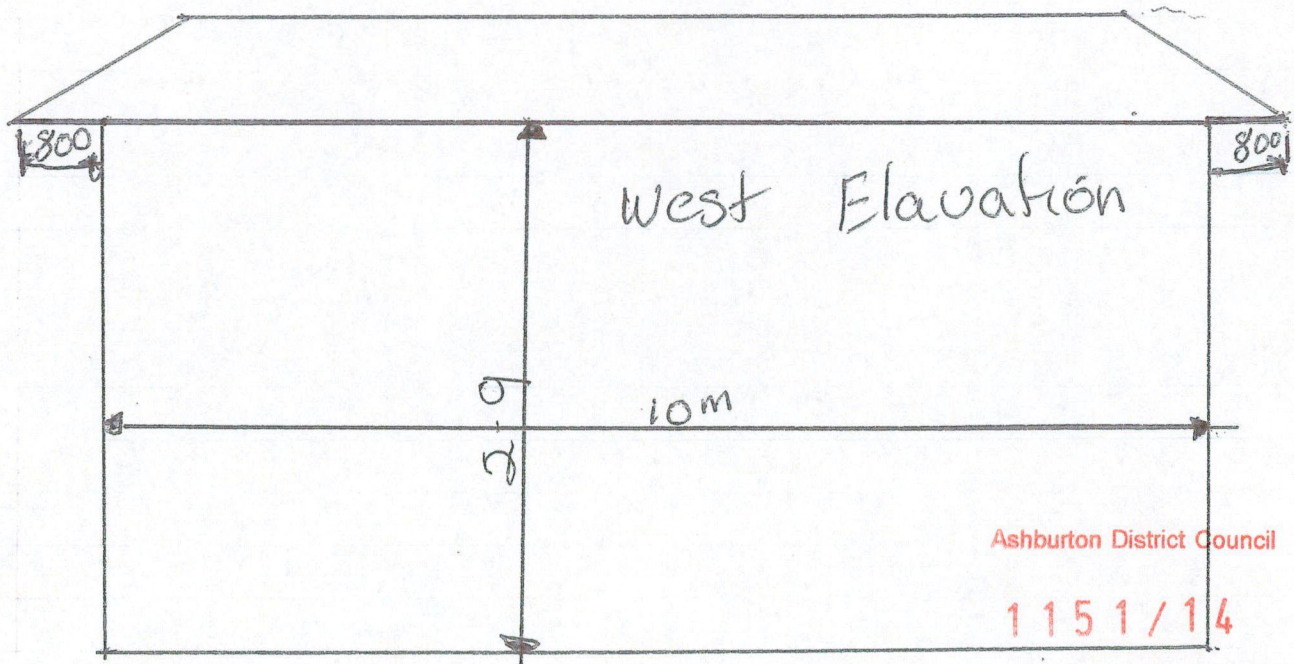
ASHBURTON DISTRICT COUNCIL	
This plan shall be read as part of	
Resource consent no: <u>LUC14/10080</u>	
Sheet: <u>2</u>	of <u>4</u>
Date <u>30/9/14</u>	Planner <u>P. Pugh</u>



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 Date 30/9/14 Planner [Signature]



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FIXING OF ANCHOR PILES/BEARER USE STAINLESS STEEL 12 KN RFH ANGLE BRACKETS

FIXING OF INTERMEDIATE PILES/BEARER USE STAINLESS STEEL 2 NAILS ALSO BEARERS TO JOIST

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2 x 100x50

H3 TREATED
BEARERS

Piles H5
TREATED

600mm

G.L.

900mm

600mm

100mm BASE

MIN 300mm
MAX 600mm

450mm

G.L.

400mm

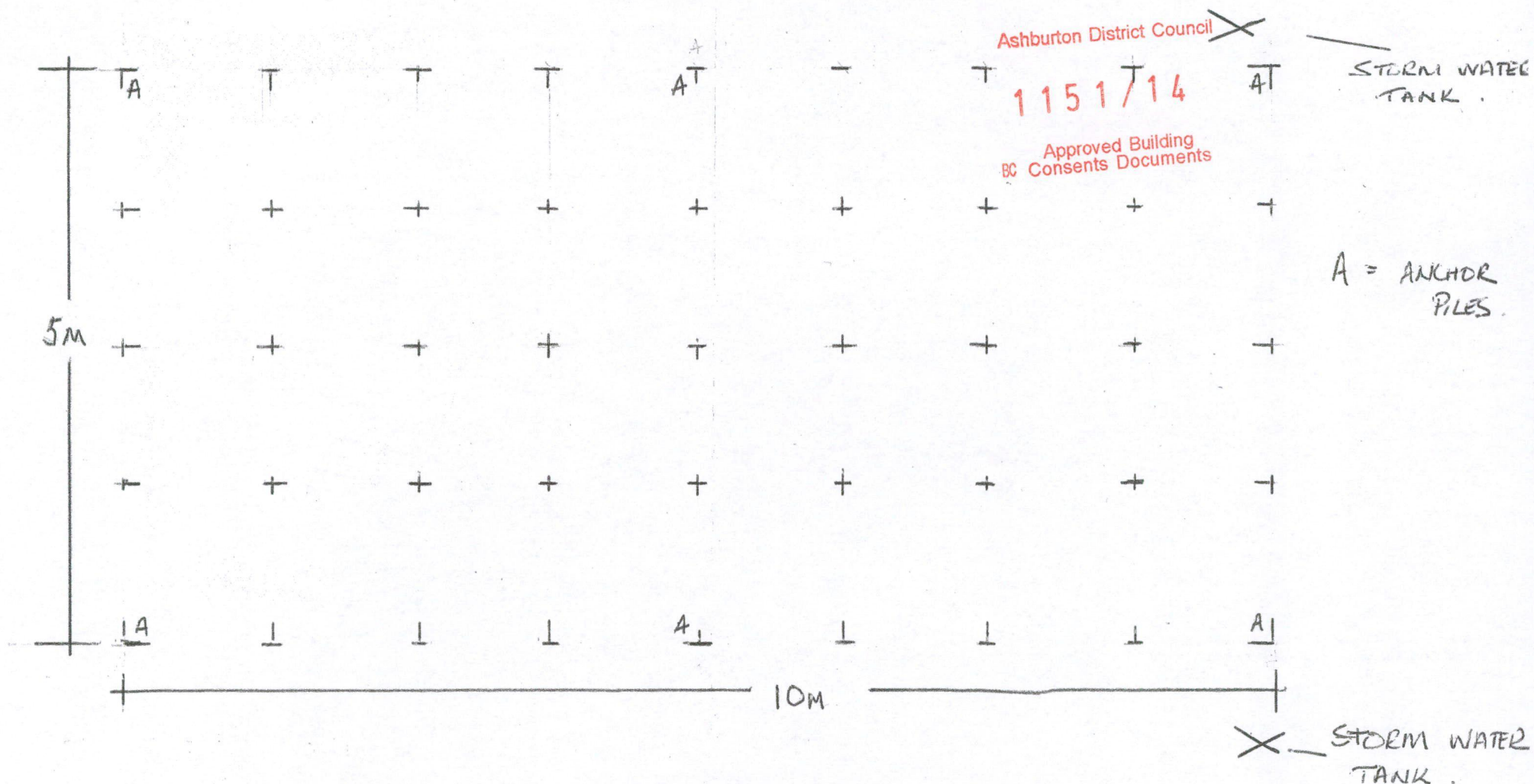
450mm

G.L.

PILE DETAIL FOR PAUL GREGORY STRACHAN AND SHEENA MARY CLARK.

LOT 27 D.D 289 WAKANUI BEACH ROAD.

ALL STORMWATER TO GO TO METAL HOLDING TANKS FOR FIRE FIGHTING
if NEEDED.



Pile LAY-OUT FOR RELOCATED BUILDING

ON LOT 27 D.P. 289 AT 251 WAKAMUI BEACH ROAD ASHBURTON DISTRICT

FOR PAUL GREGORY STRACHAN AND SHEENA MARY CLARK

Table 5: Landings
Paragraphs 3.3.1 and 3.3.3

Ramp type	Maximum rise between landings (mm)	Length of landing (mm)
Accessible	750 ⁽¹⁾	1200
Other	1500	Ramp width but need not be greater than 900

Note:

1. 750 mm is the reasonable maximum level difference for a person to negotiate in a wheelchair.

3.3.2 Landing width shall be no less than the minimum width of the ramp it serves.

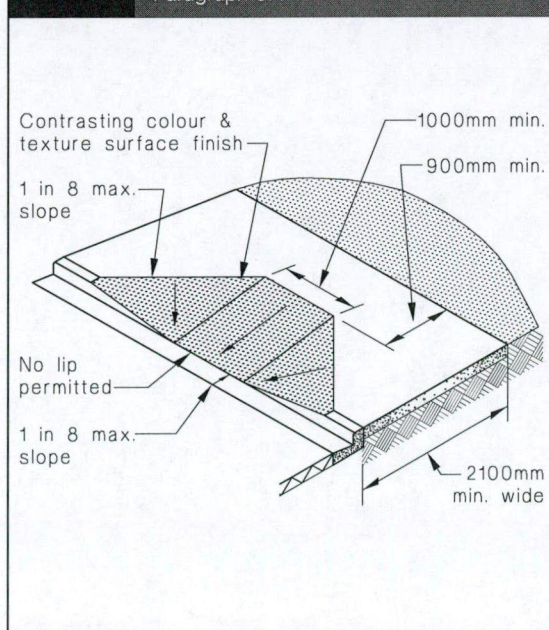
3.3.3 Landing length shall comply with Table 5 and Figure 9.

3.4 Kerb ramps

3.4.1 Kerb ramps (see Figure 10) shall have:

- a) A slope of no greater than 1 in 8, and
- b) Colour and texture contrast with the adjacent footpath.

Figure 10: Minimum Dimensions for Kerb Ramps
Paragraph 3.4.1



COMMENT:

Kerb ramps allow the safe and easy movement of wheeled trolleys and prams, as well as wheelchairs.

4.0 Stairways

4.1 Pitch, risers and treads

4.1.1 Acceptable *stairway pitch line* slopes, and step riser heights are given in Table 6 and Figure 11.

COMMENT:

1. The values given in Table 6 are based on recent research in North America. The often used design rule of twice the rise plus the going (2R+G) does not always lead to safe *stairway* geometry and can exclude some safe moderate pitch stairs.
2. Stairs having a *pitch line* slope of less than 23° do not permit a person to use the stair with an acceptable gait. Dangerous falls occur where the rhythm of movement is broken.

4.1.2 The method of measuring risers and treads is shown in Figure 12. If a landing on an outside *stairway* is formed by ground sloping across the width of the flight, the rise is measured at mid-width.

4.1.3 Uniformity – Riser height and tread depth for all steps in one flight, shall be uniform within the tolerance of ± 5 mm measured at the centreline on straight flights and at the *pitch line* on curved and spiral flights.

COMMENT:

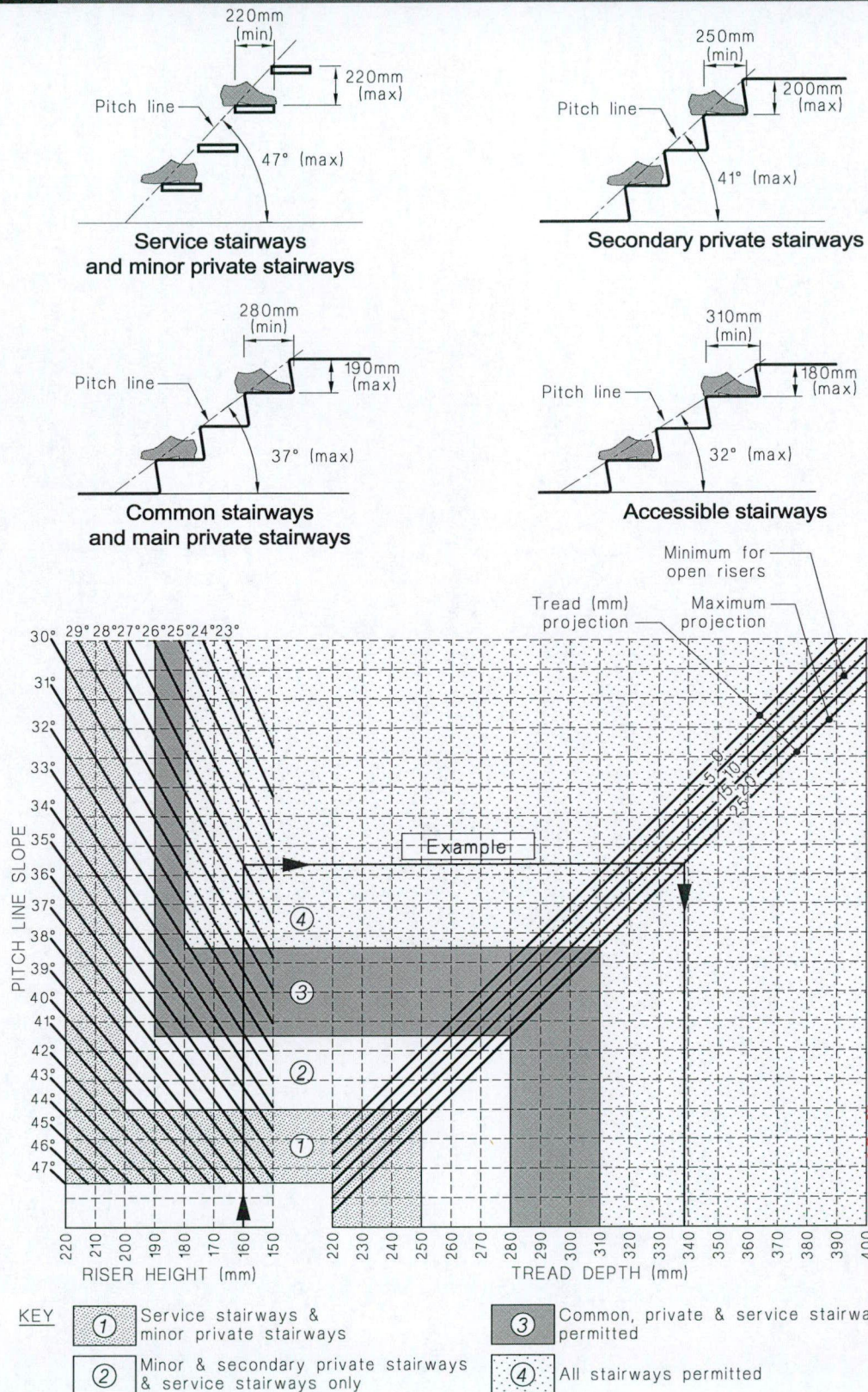
The foot is normally only lifted a few mm above the treads during ascent. A minor variation in riser height can cause someone to stumble.

Table 6: Design Limits for Stairs

Paragraphs 4.1.1, 4.1.4 a), 4.4.2, 4.5.1 a) and Figure 17

Stair	Maximum pitch	Maximum riser height (mm)	Minimum tread (mm)
Service, minor private	47°	220	220
Secondary private	41°	200	250
Common and main private	37°	190	280
Accessible	32°	180	310

Figure 11: Pitch, Risers and Treads for Stairs
Paragraphs 4.1.1, 4.1.4, 4.4.2, 4.5.1 a) and Figure 17

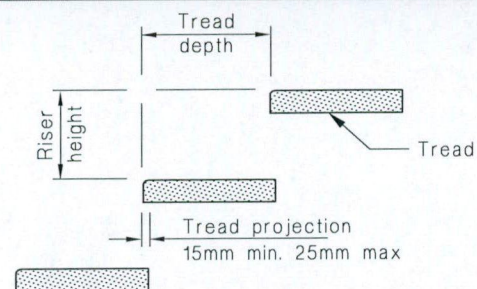
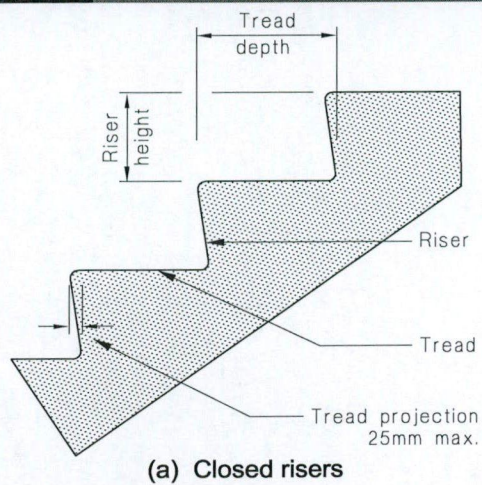


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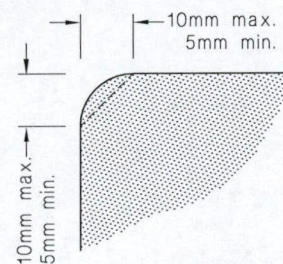
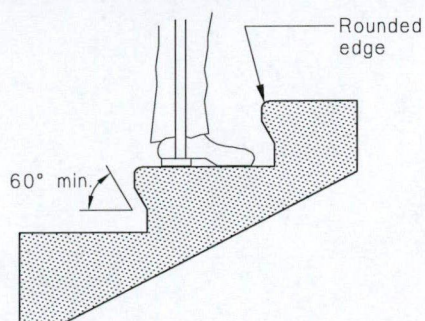
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Figure 12: Measurement of Rise and Tread Depth
Paragraphs 4.1.2 and 4.1.6

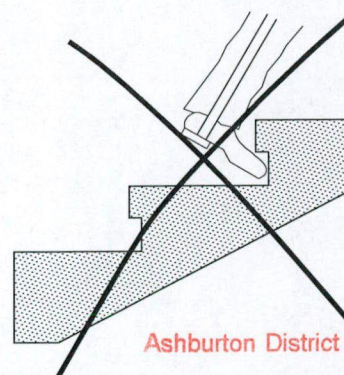
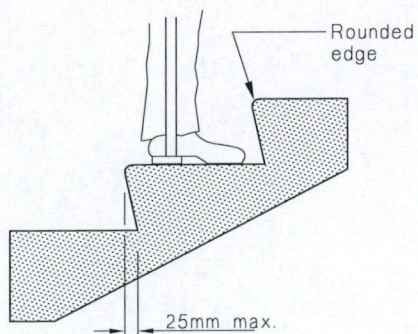


Not permitted for
accessible stairways

Figure 13: Accessible Stairway Projections
Paragraph 4.1.7



Dimensions for rounded
leading edge of stairs



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