

FINAL INSPECTIONS

COMPONENT TO BE INSPECTED	INSPECTION REQUIRED (TICK)	INSPECTION CHECK	RECHECK	COMMENTS AND/OR RECTIFICATION NOTICE NO	OK TO PROCEED YES/NO	ADDITION INSPECT YES/NO	DATE, SIGNATURE
Insulation	✓			Nb! Insulation under Ceiling			
Joinery & Flashings	✓						
Glazing (Safety etc)	✓			Existing			
Range/Bathroom Fans							
Comb, Heater/Chimney							
Floor Levels							
Post Connections	✓						
Subfloor Ventilation							
Subfloor Access							
Room Ventilation	✓						
EXTERIOR CLADDINGS							
Walls	✓			Existing			
Roof	✓						
Hot Water Temp							
HW Cyl, Valves & Restraint							
Waste & Drain Vents							
Gully Traps							
Spouting & Downpipes							
Stormwater Drains							
ENG SUPERVISION CERT							
FIRE FACILITIES	exit sign ✓						
EGRESS	✓						
DISABLED							
EHO	✓						
BARRIERS ?	✓						
LANDSCAPING							

BUILDING COMPONENTS DEEMED COMPLETED

CERTIFIER	SIGNATURE	DATE	CERTIFIER	SIGNATURE	DATE
Building			Services		
Plumbing			Resource Management		
Drainage			Air Conditioning		
EHO					
Lifts					
Compliance Schedule					

WORK IS NOW DEEMED TO BE COMPLETED. A CODE COMPLIANCE CERTIFICATE WILL BE ISSUED WHERE REQUIRED BY THE BUILDING ACT.

CODE COMPLIANCE CERTIFICATE NUMBER

.....
Signature

.....
Designation

.....
Date

WHEN THE PROJECT IS COMPLETED THIS INSPECTION SHEET WILL BE ATTACHED TO THE RELEVANT PROPERTY FILE HELD AT THE COUNCIL OFFICE

FINAL INSPECTION

19.2.99

981169

ACF

Building Exterior

CHECK PLANS

Subfloor - ventilation	☐	Flashings - roof penet	☐	Gulley dishes	☒
Decks - structure	☐	hips	☐	Wastes to gullys	☒
Balustrades - design	☐	valleys	☐	Terminals vents	☒
height	☐	gables	☐	Spouting - Downpipes	☐
Steps/Stairs - design	☐	flues	☐	Landscaping & ground levels	☐
handrail	☐	Cladding (ground clearance)	☐	Texture Coating Warranty	☐
Flashings - windows	☐	Roofing & Fixings	☐		
		(roofing warranty)			

Building Interior

CHECK FITTINGS

Service area floors & walls	☒	Food storage	☐	Water temperature	☒
Stair design	☐	Nat. ventilation	☒	Solid fuel heater	☐
Handrails	☐	Mech. Ventilation	☒	Supply tank	☐
Barriers	☐	Insulation	☐	Trap seals & AA Valves	☐
Lightings	☒	Hot water cylinder flues	☒	Cistern flushing	☒
Laundering	☒	Hot water cylinder valves	☒	WC pan connection	☒
Cooking facilities	☐	Hot water cylinder rest	☒	Septic Tank	☐
		Tempering valve	☒	(engineers inspc report)	
				Windows - labels	☐
				Safety glass	☐

Footpath crossing installed Yes/No
 Refund crossing deposit Yes/No
 Stormwater & site drainage Yes/No
 appear satisfactory

Berm damaged Yes/No
 Engineering site reports required Yes/No
 Engineering site reports received Yes/No

Has a Site Instruction been issued? Yes/No NTR Instruction No.

Producer Statement Yes/No/NA

OK to issue final code compliance certificate. Yes/No

If an interim certificate is issued please list proposed conditions on the reverse of this form.

Is a reinspection required? Yes/No Proposed date of follow up inspection

Comments:

All remedial items now resolved

Application No: 981169
 Date: 25/9/98
 Site Address: 84 Amoria St - Pt.
Com. AHS

FEE CALCULATION SHEET

ADMIN = \$40 per hour
 PLAN VETTING = \$72 per hour
 INSPECTIONS = \$60
 DIGITAL SCANNING = \$22.50

TECHNICAL CONSULTANTS = Cost + 10%
 NETWORK UTILITY OPERATORS = Cost + 10%

CLASSIFICATION		\$	PLAN VETTING				TOTAL \$	CONSULTANTS		TOTAL \$	INSPECTIONS					DIG SCAN	TOTAL \$	ADMIN \$	PIM	TOTAL
			PI	D	Bld	EH		T/P			Site	PI	D	Bld	EH	\$22.50				
1	Fire Places, Signs	0-1500																40	Nil	
2	Sheds, Carports	1501-4000																40	Nil	
3	Garages, Conservatories, Swim Pool, etc	4001-10000																40	50	
4	House Additions	4001-10000																40	50	
5	House Additions	10001-50000																40	50	
6	Dwellings	50001-100000																40	100	
7	Dwellings	100001-150000																40	100	
8	Dwellings	150001-200000																60	100	
9	Dwellings	200001-250000																60	140	
10	Dwellings	250001-300000																80	140	
11	Dwellings	300000 +																80	160	
12	Commercial/Industrial	0-10000	1		4		\$126	2		\$36	1	1		3	1	✓	\$360	40	50	\$612
13	Commercial/Industrial	10001-50000																40	60	
14	Commercial/Industrial	50001-10000																40	100	
15	Commercial/Industrial	100001-150000																40	100	
16	Commercial/Industrial	150001-200000																60	100	
17	Commercial/Industrial	200001-250000																60	140	
18	Commercial/Industrial	250001-300000																60	140	
19	Commercial/Industrial	350001-350000																60	140	
20	Commercial/Industrial	350001-400000																80	160	
21	Commercial/Industrial	400001-450000																80	180	
22	Commercial/Industrial	450001-500000																80	200	
23	Commercial/Industrial	5000000 +																80	250	

CONSENT DATA INPUT REQUIREMENTS

REQUIRED INSPECTIONS		STANDARD ADDENDA			
14	✓	32	✓	17	
1	✓ - (note only)	2		18	
17		3	✓	19	
7		4	✓	20	✓
16		5		21	
2		6		22	✓
3		7	✓	23	
18		8		30	
4	✓	9	✓	31	
8		10	✓	33	
5	✓	11		24	
10		12			
12		13			
6	✓	14			
9	✓	15			
11		16			
13					
15	✓				

STANDARD CONDITIONS	
1	34
2	
3	

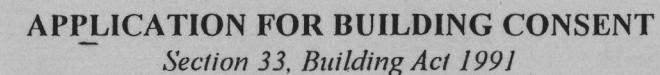
NON STANDARD ADDENDA

- To comply with The Health (Handbasins) Regulations 1980
- which to be supplied as per 4(m) of the Health (Handbasins) Regulations 1980

An approved type Double check valve is to be installed on the water supply to the hot water basins.

A tempering valve is to be installed on the hot water supply to the new plumbing fittings.

DEPARTMENT	REQUIREMENTS		COMMENTS	CHECKED/DATE/STAMP	
		Yes	No		
Town Planning					
	Zoning Confirms				RJC 980362 Applied for 14/1/98
	Dispensation				Approved 30/9/98
	Planning Consent				
	Special Floor Level				
Plumbing					
Drainage					
Stormwater	To Channel				
	To Drain				
	Confined to Lot				
Building					
Structural	Specific Design				
	Foundation				
	Structure				
	Roof				
Subdivisional Engineer					
	Earthworks Bylaw Conditions				
Environmental Health					
Site- Footpath & Entrance Conditions			Ground		
NOTES:					



To: Kapiti Coast District Council
 [Cross each applicable box and attach relevant documents in triplicate]

CONSENT NO

981169

PART A : GENERAL

(Complete Part A in all cases - Refer over for Parts B-E, sign and date)

APPLICANT (OWNER*)		PROJECT									
Name: <u>Williams</u> Mailing address: <u>94 the Parade</u> <u>Parklands</u> Contact [Print Name and position]: <u>Nicole Williams</u> Phone: <u>042928884</u> Fax: <u>—</u> *Under section 33 of the Building Act 1991, the applicant must be the owner of the land on which building work is contemplated or a person who or which has agreed in writing, whether conditionally or unconditionally, to purchase the land or any leasehold estate or interest in the land, or to take a lease of the land, while the agreement remains in force. FOR COUNCIL USE Received: <u>23/9/98</u> Application Deposit: \$ <u>140.00</u> Receipt No: <u>731982</u> Paid By: <u>Abbot & Associates</u> <u>Civic</u> <u>NSW CO</u> NOTE: BALANCE OF FEES ARE PAYABLE ON CONSENT APPROVAL	Cross One New or relocated Building <u>rebit</u> Alterations or additions Accessory Building or Fire Building Demolition or Removal Being stage _____ of an intended _____ stages. Estimated value (inclusive of GST): \$ <u>5000</u> Intended use, eg Dwelling, Carport, Garage, etc <u>x to be used as Beauty Clinic</u> Intended life: Indefinite but not less than 50 years ☒ Specified as _____ years PROJECT LOCATION Street address (if any) <u>84 Amindia street</u> <u>PARAPARA</u> Legal description (as shown on certificate of title or rates notice, if any): Lot <u>17</u> DP _____ Valuation No. <u>1525209900</u>										
This Application is for: ☐ Building Consent only, in accordance with project information ☐ Both building consent and a project information memorandum											
PLEASE NOTE The information provided in support of this application is public and as such is freely available on request. However under Section 27(3) of the Building Act 1991 you may for security and/or copyright reasons request the plans and specifications pertaining to this application be marked as confidential by completing the following section	CONFIDENTIALITY Plans and Specifications 1. ☐ I/We require that my/our: 2. ☐ plans 3. ☐ specifications be treated as confidential in order to protect: 4. ☐ the security of the building 5. ☐ copyright Signed: _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">SIZE OF BUILDING</th> </tr> </thead> <tbody> <tr> <td style="width: 80%;">Floor area m²</td> <td style="width: 20%; text-align: center;">108</td> </tr> <tr> <td>No of stories</td> <td style="text-align: center;">1</td> </tr> <tr> <td>No of Units</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>		SIZE OF BUILDING		Floor area m ²	108	No of stories	1	No of Units	1
SIZE OF BUILDING											
Floor area m ²	108										
No of stories	1										
No of Units	1										

PART B : PROJECT DETAILS

(Complete Part B only if you have not applied separately for a project information memorandum)

- ✓ Location, in relation to legal boundaries, and external dimensions of new, relocated, or altered buildings
- ✓ New provisions to be made for vehicular access, including parking
- Provisions to be made in building over or adjacent to any road or public place
- ✓ New provisions to be made for disposing of stormwater and wastewater
- Precautions to be taken where building work is to take place over existing drains or sewers or in close proximity to wells or watermain
- New connections to public utilities
- Provisions to be made in any demolition work for the protection of the public, suppression of dust, disposal of debris, disconnection from public utilities and suppression of noise
- Any cultural heritage significance of the building or building site, including whether it is on a marae

PART C : BUILDING DETAILS

(Complete Part C in all cases)

This application is accompanied by (cross each applicable box, attach relevant documents in duplicate):

The drawings, specifications and other documents according to which the building is proposed to be constructed to comply with the provisions of the building code, with supporting documents, if any, including:

- Building certificates
- Producer statements
- References to accreditation certificates issued by the Building Industry Authority
- References to determinations issued by the Building Industry Authority

Proposed procedures, if any, for inspection during construction

PART D : KEY PERSONNEL

(Complete Part D as far as possible in all cases. Give names, addresses and telephone numbers. Give relevant registration numbers if known)

Designer(s): Darren Hunter
21 Percival Rd Paraparaumu beach
(025) 378-439 (04) 298 9288

Building Certifier(s): _____

Builder/s unknown as yet

Registered Drainlayer: _____ REG NO: _____

Craftsman Plumber: Steve Henderson REG NO: _____

Other: _____

PART E : COMPLIANCE SCHEDULE DETAILS

E1: Systems Necessitating a Compliance Schedule

(Complete Part e1 for all new buildings and alterations, except single residential dwellings)

The building will contain the following (Cross each applicable box and attach proposed inspection, maintenance, and reporting procedures):

- Automatic sprinkler systems or other systems of automatic fire protection
- Automatic doors which form part of any fire wall and which are designed to close shut and remain shut on an alarm of fire
- Emergency warning systems for fire or other dangers
- Emergency lighting systems
- Escape route pressurisation systems
- Riser mains for fire service use.
- Any automatic back-flow preventer connected to a potable water supply

Lifts, escalators or travelators or other systems
Mechanical ventilation or air conditioning
Any other mechanical, electrical, heating or cooling system
compliance with the building code
Building maintenance units for protection of the building
Such signs as are required by the building code
None of the above

E2: Other Systems
(Complete Part E2 only if applicable)

The building will contain the following maintenance and reporting procedures:

Means of escape from fire
Safety barriers

- ✓ Means of access and facilities for use by persons with disabilities, including the Disabled Persons Community Welfare Act 1975
- Handheld hoses for firefighting
- Such signs as are required by the building code

Signed for and on behalf of the Applicant:

Name: _____

Position: _____

Date: 23/9/98

FOR OFFICE USE ONLY

FEES		APPLICATION DEPOSIT	
Building	\$ <u>612</u>		\$ <u>23.98</u> <u>140.00</u>
Sewer Connection	\$	RECEIPT NO	DATE <u>23.9.98</u>
Water Connection	\$	<u>731982</u>	
Vehicle Crossing	\$	INVOICE NO	DATE
Damage Deposit	\$	<u>27162</u>	<u>1.10.98</u>
Structural Checking	\$	RECEIPT NO	DATE <u>2.10.98</u>
Building Research Levy	\$	<u>731982</u>	
Development Levy	\$	FEES PAID BY:	
BIA Levy	\$	<u>About Face Paraparaumu</u>	
Compliance Schedule	\$	<u>(Not Chg)</u>	
Digital Storage Fee	\$ <u>22.50</u>	BUILDING CONSENT NUMBER	DATE ISSUED
Certificate of Title	\$	<u>981169</u>	<u>26.10.98</u>
Photocopying	\$		
SUBTOTAL	\$ <u>634.50</u>	AUTHORISATION FOR REFUND OF DEPOSITS	
Less Deposit Paid	\$ <u>140.00</u>	Deposit held =	\$
TOTAL	\$ <u>494.50</u>	Cost to Repair Damage Caused During Construction =	\$
GST INCLUDED	\$	Total Balance to be Refunded	
		Authority Number:	
		Authorised:	DATE:

Received with thanks by 50/01
KAPITI COAST DISTRICT COUNCIL

2-10-98 13:04 Receipt no.732606

COPY *COPY* *COPY*
DR BC981169 WILLIAMS N 494.50-
N WILLIAMS::94 THE PARADE:PAEKAKARIKI::
CO N
ABOUT FACE PARAPARAU 494.50

DR BC981169 WILLIAMS N 140.00-
N WILLIAMS::94 THE PARADE:PAEKAKARIKI::
CO N
ABOUT FACE PARAPARAU 140.00



Building Consent

Section 35, Building Act 1991

Application

N WILLIAMS	No.	981169
94 THE PARADE	Issue date	6/10/98
PAEKAKARIKI	Application date	25/09/98
	Overseer	Don Blaikie

Project

Description	ALTERATIONS, REPAIRS or EXTENSIONS BEING STAGE 1 OF AN INTENDED 1 STAGES REFIT TO CREATE BEAUTY SALON
Intended Life	INDEFINITE, BUT NOT LESS THAN 50 YEARS
Intended Use	
Estimated Value	\$5,000
Location	84 AMOHIA ST, PARAPARAUMU
Legal Description	LOT 17 BLK V DP 462 CT 283/119
Valuation No.	1525209900

Charges

The Council's charges paid on uplifting this Building Consent, in accordance with the attached details are:

	\$	634.50
Building Research Levy	\$	0.00
Building Industry Authority Levy	\$	0.00
Total	\$	634.50

PAID

This building consent is a consent under the Building Act 1991 to undertake building work in accordance with the attached plans and specifications so as to comply with the provisions of the building code. It is not a consent under the Resource Management Act and does not affect any duty or responsibility under any other Act nor permit any breach of any other Act.

Signed for and on behalf of the Council:

Name: *D. Lee*

Date: 6.10.98

Addenda to Application

Application

N WILLIAMS
94 THE PARADE
PAEKAKARIKI

No. 981169

Project

Description	ALTERATIONS, REPAIRS or EXTENSIONS BEING STAGE 1 OF AN INTENDED 1 STAGES REFIT TO CREATE BEAUTY SALON
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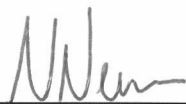
General Requirements

- a) The District Inspector is to be given 24 hours' notice before carrying out the following inspections:
 - 1. INITIAL INSPECTION - PREVIOUSLY COMPLETED
 - 2. FOUNDATION INSPECTION
 - 3. PRELINING INSPECTION, MOISTURE TEST, CHECK BRACING
 - 4. POST-LINING INSPECTION, LININGS, FIXED AS PER BRACE DESIGN
 - 5. FINAL INSPECTION OF PLUMBING
 - 6. COMPLETION INSPECTION
- b) To arrange for any of the above required inspections by the District Inspector, please contact the building inspectorate on (04) 298 5139 between the hours of 8.00am and 4.30pm.

1. LAPSE AND CANCELLATION OF BUILDING CONSENT. A building consent shall lapse and be of no effect if the building work concerned has not been commenced within 6 calendar months after the date of issue. Or within such further period as the territorial authority allows.
2. All foundations are to be to solid bearing minimum of 300mm
3. Work to comply with NZS3604-1990.
4. Metal head flashings required over all exterior joinery.
5. Note and comply with endorsements on approved plans.
6. Names and registration numbers of plumber and drainlayer are required before work commences.
7. A tempering valve is to be installed on the hot water cylinder.
8. Deck & stair balastrades with a greater drop than 1.0m require min 1.0m high balastrade measured from floor or tread. max 150mm bottom rail to floor. max 100mm space or hole between vertical rails.
9. To comply with The Health (Hairdressers) Regulations 1980.
10. Wash hand basin to be supplied as per 4(m) of the Health (Hairdressers) Regulations 1980.
11. An approved type double check valve is to be installed on the water supply to the hair wash basins.
12. A tempering valve is to be installed on the hot water supply to the new plumbing fittings.

I have read the foregoing requirements, and the Owner/Builder/Authorised Person hereby agrees to comply with them.

OWNER/BUILDER/
AUTHORISED PERSON



Date:

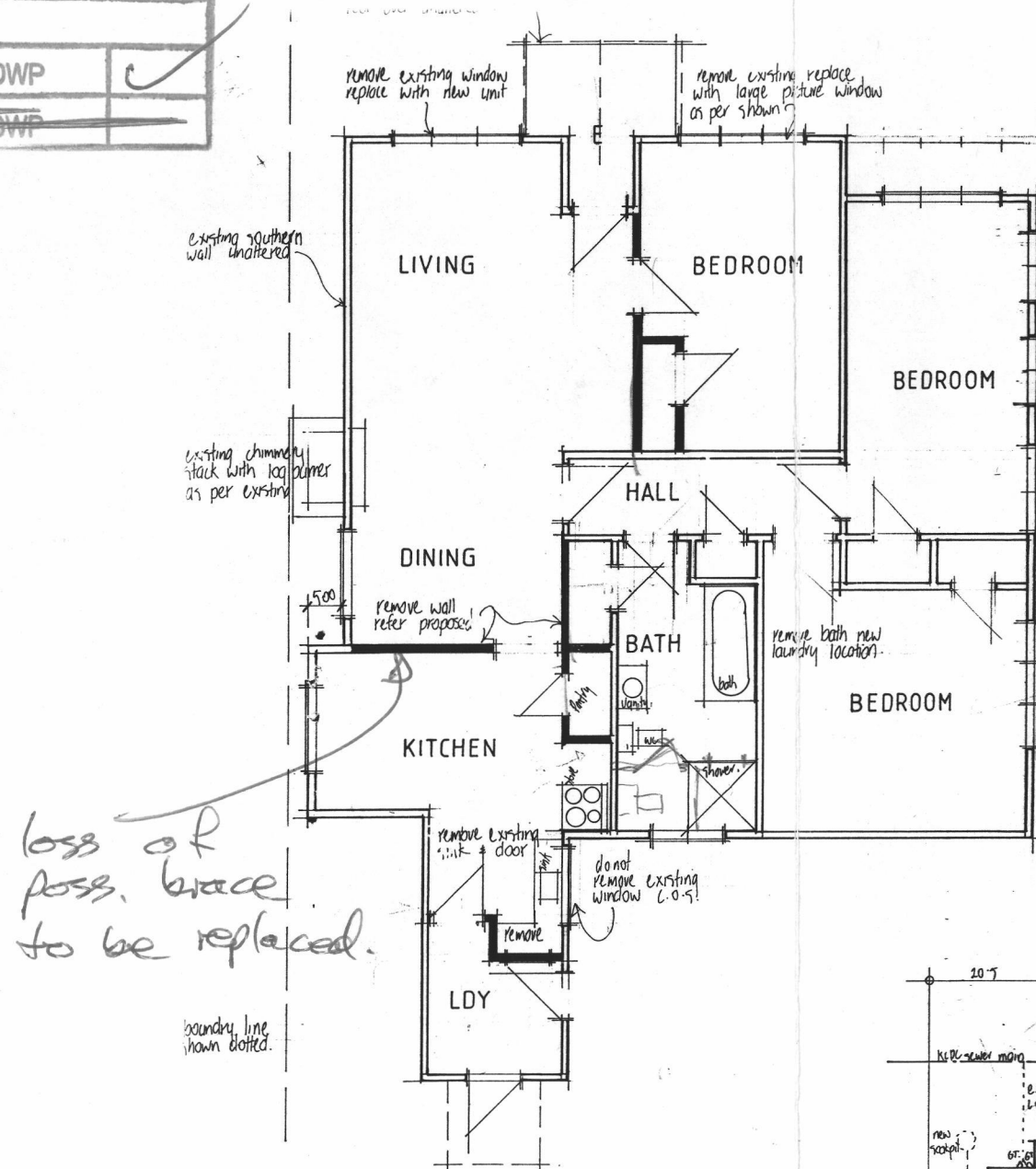
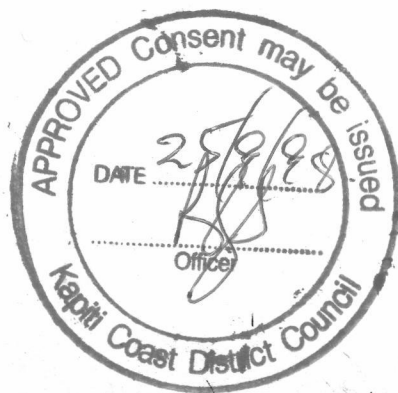
2-10-98

COUNCIL COPY

disallowed access requirements (max. 20mm steps) to be met

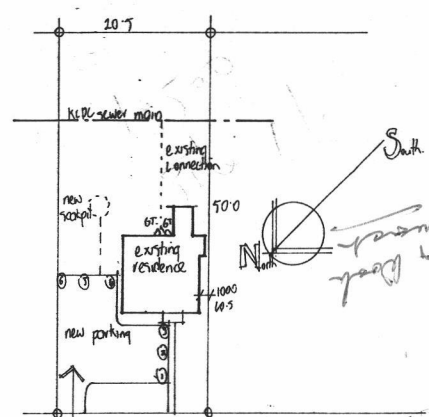
min. 760 clear
of ending

GLAZING CONFORM NZS 4223		
PARTS 1, 2 3		
FIT SUITABLE FLASHINGS, ETC.		
JOINERY		
HIGH WIND	1100pa DWP	✓
VERY HIGH	1650pa DWP	

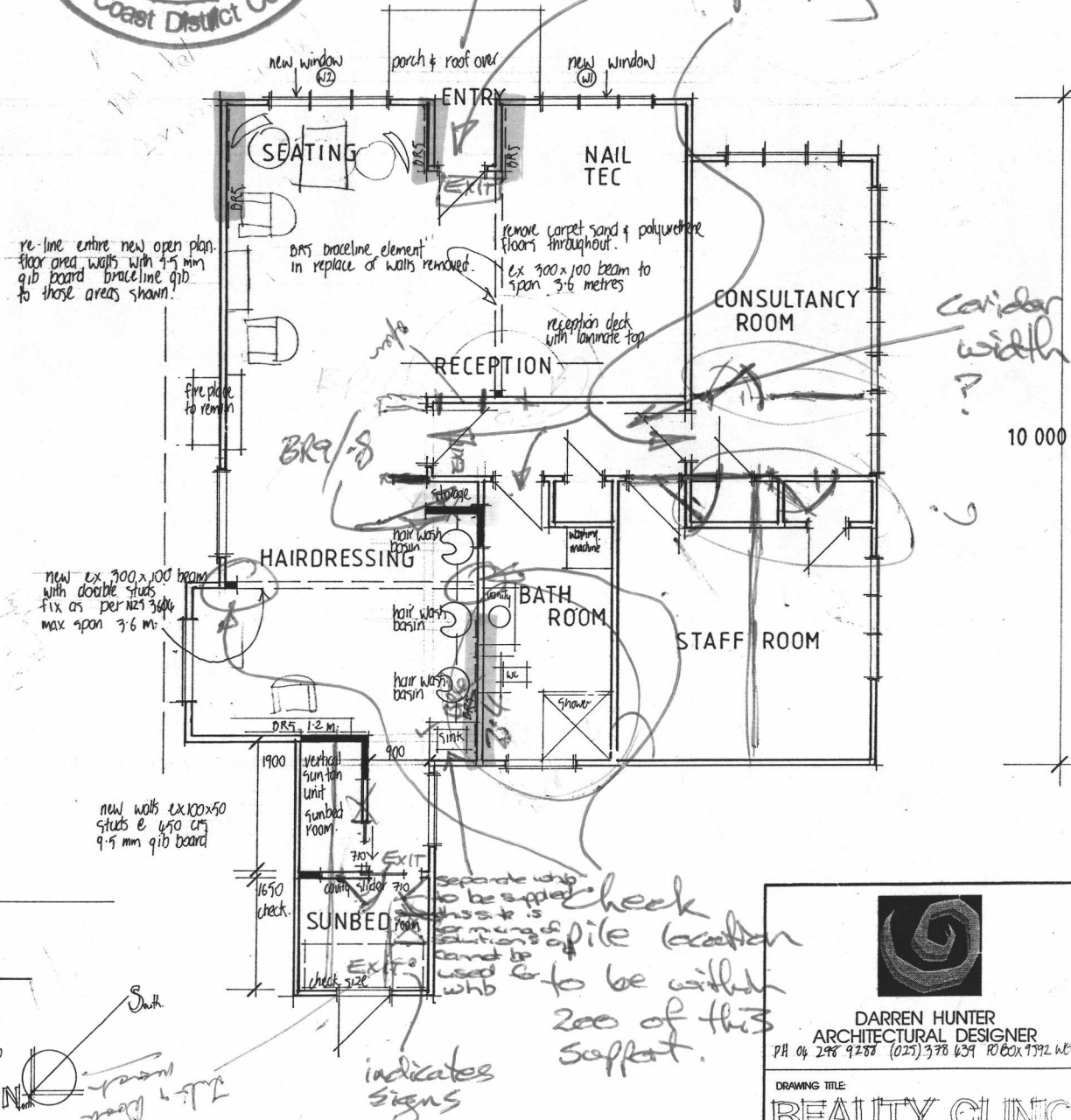


loss of
poss. brace
to be replaced.

EXISTING floor plan. 50



84 AMOHIA STREET SH1
SITE PLAN 1:500



Corridor
width

10 000

PROPOSED floor plan.



DARREN HUNTER
ARCHITECTURAL DESIGNER
PH 04 298 9288 (025) 378 439 PO BOX 9992 WLE

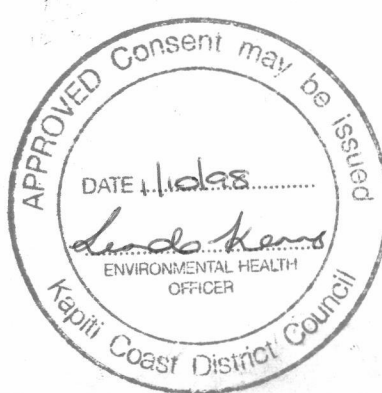
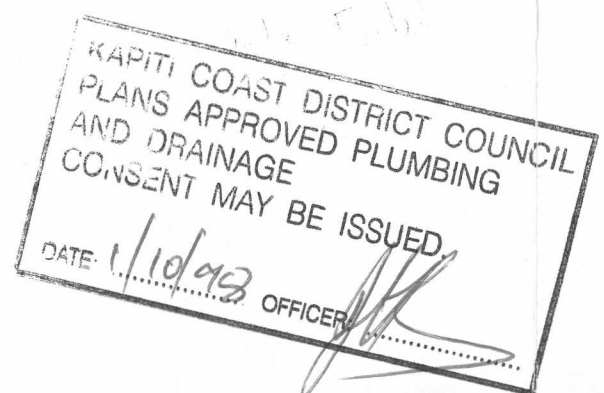
DRAWING TITLE:

BEAUTY CLINIC

for Nicol Williams 84 Amohia Street 9th
partiparamu

Land Use Consent
building consent.

PAGE TITLE: floor plans	
DATE 9-10-98	JOB NO 91098
SCALE 1:50:500	DWG NO 7.



Various conflicting combinations

3.4.2 In camping grounds *sanitary fixtures* shall be located no more than 75 metres from any caravan or campsite.

Comment:

This situation applies normally to institution buildings, motor camps, caravan parks, marae, outdoor pursuits centres, schools and military bases, but may apply to a group of dwellings.

3.4.3 *Sanitary fixtures* for *Group Dwellings* shall be conveniently located for all occupants.

3.5 People with disabilities

3.5.1 *Sanitary fixtures* for *people with disabilities* shall be located on an *accessible route* as required by NZBC D1 "Access Routes".

3.5.2 *Fixtures* and spaces for *people with disabilities* shall comply with the relevant layouts shown in Figures 4, 5, 6, 7 and 8.

3.5.3 If two or more toilet compartments are provided for wheelchair users, at least one shall have a pan position of the opposite hand.

3.5.4 The flushing control shall be easily operable, positioned on the centre line or approach side of the cistern, and no higher than 1200 mm above the finished floor level.

3.5.5 NZS 4121 Section 210 is also an acceptable solution for *people with disabilities*.

Figure 4: Combined toilet and shower compartment for people with disabilities
Paragraph 3.5.2 and Table 2

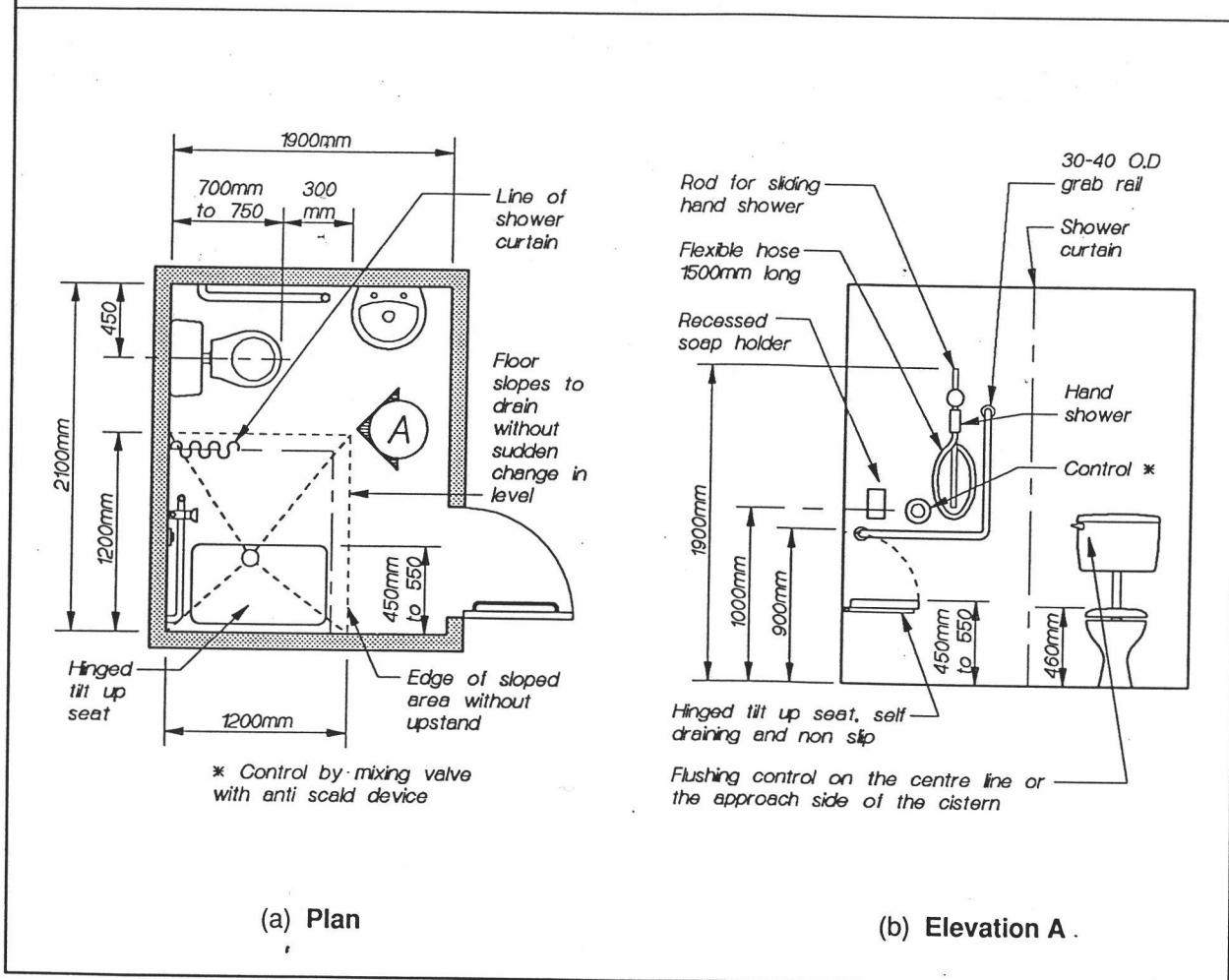


Figure 5: Accessible toilet compartment

Paragraph 3.5.2 and Table 2

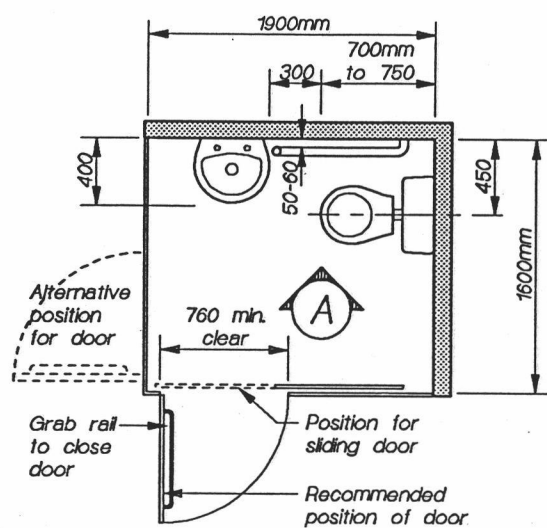
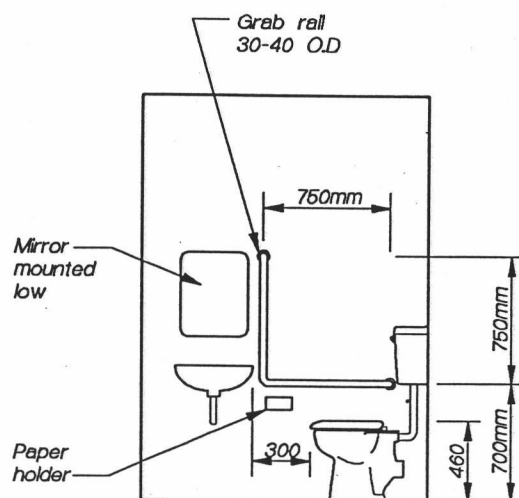
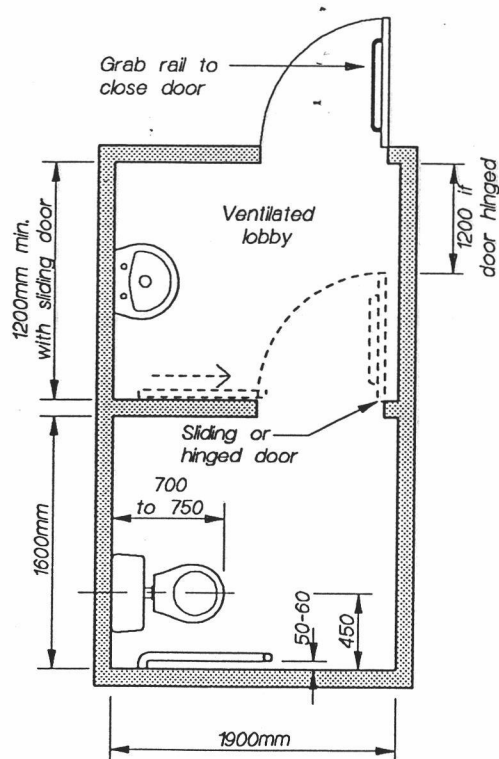
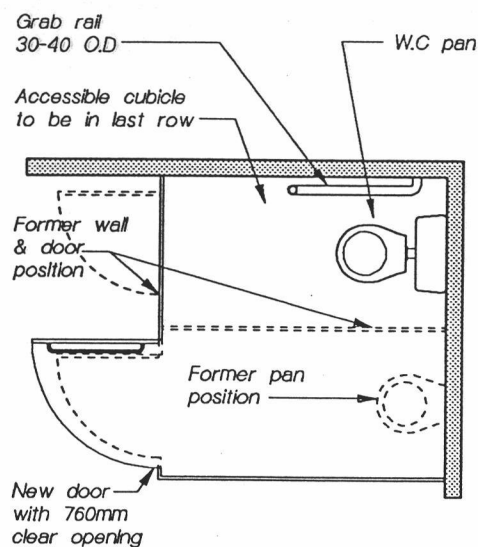
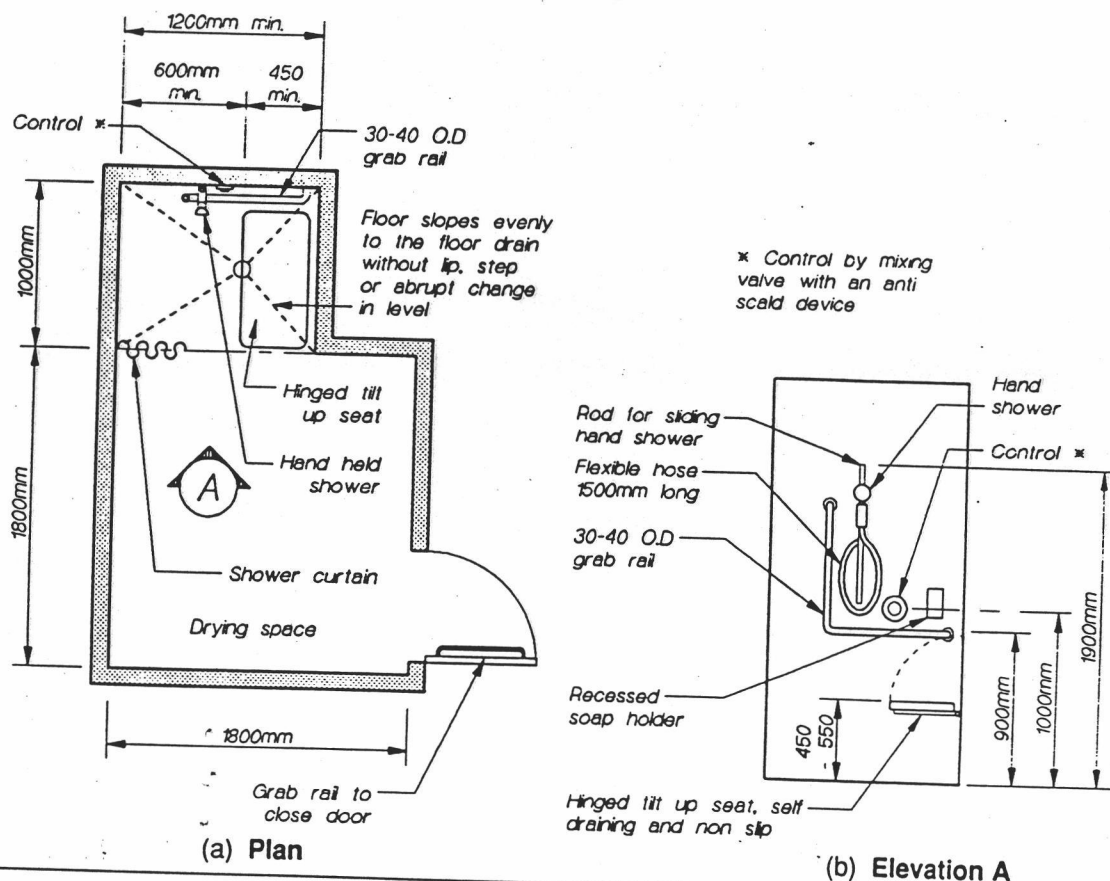
**Plan****Elevation A****(a) Combined toilet compartment****(b) Separate toilet compartment****(c) Toilet compartment in existing building.**

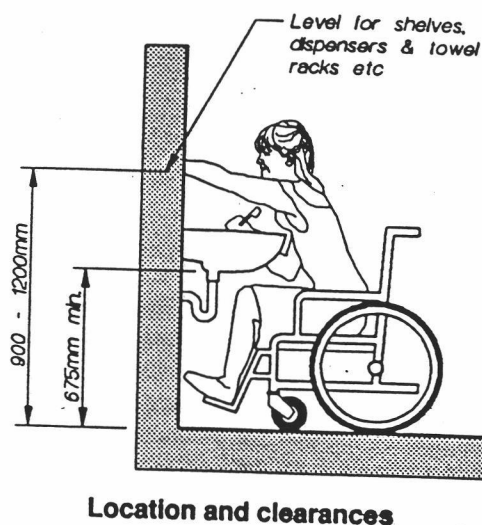
Figure 6: Accessible shower compartment
Paragraph 3.5.2 and Table 2



NOTE:

Drying space to be fitted with a clothes hanging device positioned between 1400 mm and 1500 mm above finished floor level.

Figure 7: Accessible basin
Paragraph 3.5.2 and Table 2

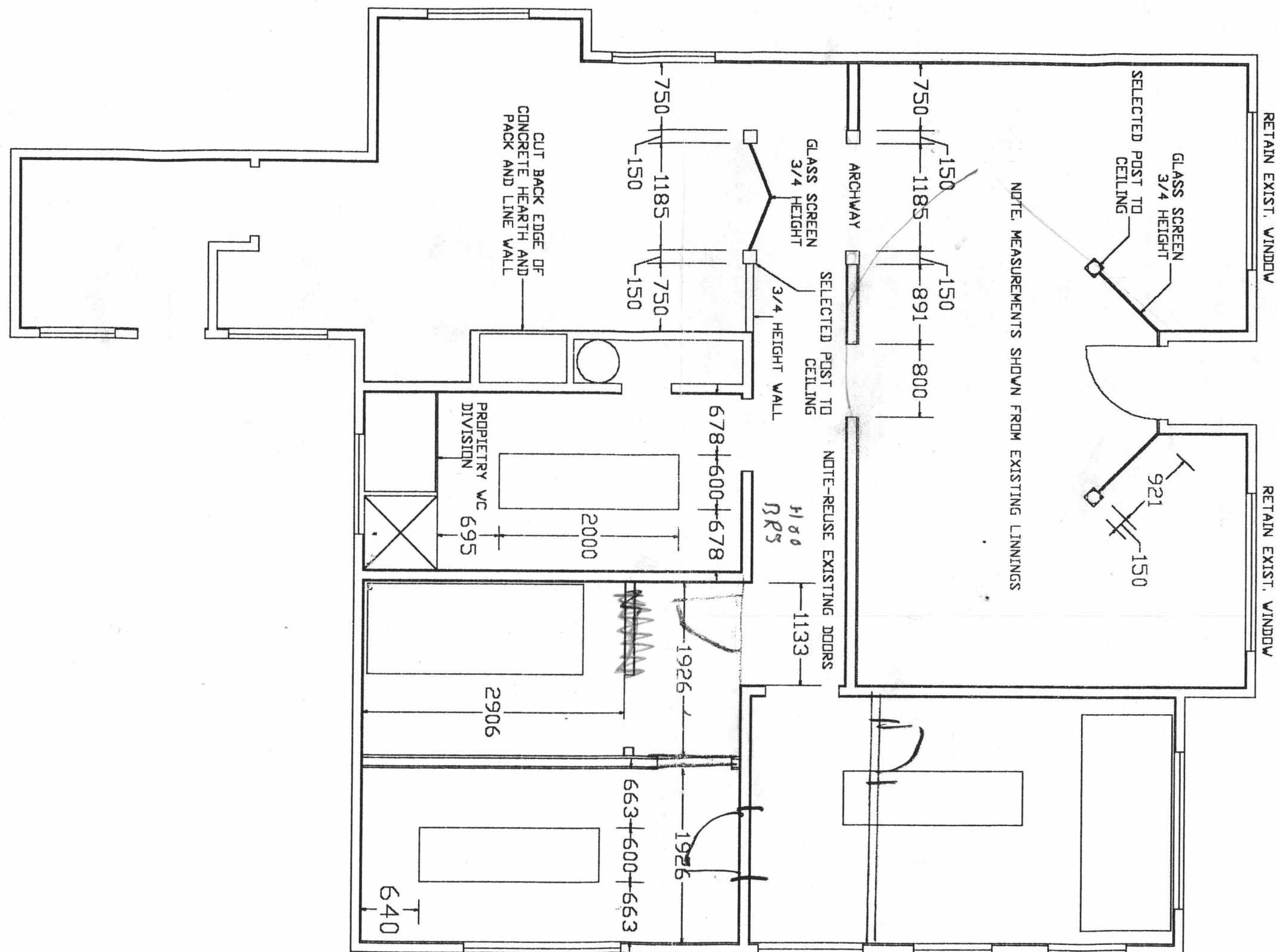


3.6 Non-flushing sanitary fixtures

3.6.1 Soil fixtures which are not water flushed, such as those using chemicals or biological treatment, shall be located where they will not cause a nuisance.

3.6.2 Privies are acceptable if located at least 3.0 m from any building having a classified use, other than Outbuildings or Ancillary buildings. Receptacles for excreta are to be constructed to exclude flies and be fitted with a hinged lid.

FRAMING LAYOUT



NOTE BEFORE ANY CONSTRUCTION ON SITE CHECK DETAILS AND NOTIFY DRAWER OF ANY ERROR THAT REQUIRES HIS ATTENTION

'A'KRAMER/DESIGN
EMAIL-KRAMER.FAMILY.CO.NZ
FAX/PH 04-2983082 KAPITI

PLAN

DETAIL

PROPOSED FITOUT FOR WILLIAMS No 84 AMONIA STREET PARAPARAUMU

DRAWN A.G.KRAMER

DATE 20-OCT-98

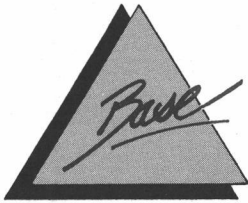
SHT 00

SCALE 1:50

CHECKED.....

OFF 00

THE COPYRIGHT OF THIS DESIGN REMAINS THE PROPERTY OF ALEXANDER G. KRAMER OF 57 MACLEAN ST PARAPARAUMU



Base Consulting Engineers Limited

- ☐ Structural
- ☐ Foundation
- ☐ Soils

28 Queen Street
P.O. Box 434
Levin

Telephone Levin (06) 367 0088
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Ms Nicole Williams
94 The Parade
PAEKAKARIKI

98167

21 September 1998

Dear Ms Williams,

**Re: Proposed Beauty Clinic
84 Amohia St, Paraparaumu.**

Following the engagement of our services on 15 September 1998, a site visit was undertaken on 17 September 1998 to determine the site conditions that exist and to supply a design for the provision of stormwater.

Description

The site is below the level of Amohia Street to the West and is bordered to the East by the Railway Embankment. The present cover of the section is in grass.

It is proposed to convert the existing dwelling into a beauty clinic which includes the provision for ten off-street carparks to meet Kapiti Coast District Council Requirements. The forming of these carparks and access will include a large amount of impervious sealing.

Site Report

At our site visit of 17 September 1997, we undertook one percolation test to determine the suitability of the soils to accept stormwater runoff and one augered borehole to determine the soil conditions and the location of the water table.

Results

At the time of our visit the ground was saturated.

The percolation test returned a percolation rate of 200mm/hr which classifies the soil as being of rapid drainage.

The borehole reveals soils to comprise a silt and clay surface stratum which is soft, overlying a dense sandy gravel at 0.6 metres below ground level.

The water table was measured at 0.4 metres below the existing ground level.

From our discussions with your designer Mr Darren Hunter, we understand that the final level for the paved area will be some 150mm above the existing ground level.

23 February 1999

Ms N Williams
94 The Parade
PAEKAKARIKI

84 Amoia St

Dear Madam

BUILDING CONSENT 981169 - 84 AMOHIA STREET

The following items require completion or change to comply with the above building consent documents:

- 2000*
- ✓ 1. Adjacent to the main entrance provide a marked complying disabled carpark. Mark out 8 further ordinary carparks. NOT DONE
 - ✓ 2. Install white on green fire exits signs as marked on attached plan.
 - ✓ 3. Reduce the entry threshold to maximum 20mm. NOT DONE (OUTSIDE IS STILL AT LEAST 40mm)
 - ✓ 4. Adjust tempering valve on hot water cylinder down to maximum 55 C. NO TEMPERING VALVE INSTALLED.
 - ✓ 5. The 40mm combined basin waste has insufficient fall, has 150mm, needs minimum of 250mm or 1.40 fall.
 - ✓ 6. Install surround to drain gully at rear to prevent the ingress of surface water. NOT DONE
 - ✓ 7. Paint seal the gibraltar board in the laundry area.
 - ✓ 8. Extend drain terminal vent to 600mm above roofline. NOT DONE
 - ✓ 9. If the previously designated "bathroom" is now designated as a "treatment" room, the toilet and shower are to be accessible for the disabled, presently they do not comply with these standards. Otherwise these facilities are to be labeled "staff only". NOT DONE

When the above work is complete, please arrange for reinspection.

Yours faithfully

Reinspected 15.10.99

A Hawkins

A Hawkins

Arnold Hawkins
BUILDING CONTROL OFFICER

THE VALVES INSTALLED OUT ON
THE ROOF TO REPLACE THE SUPPLY
TANK DO NOT COMPLY IN THEIR
PRESENT FORM.

23 February 1999

Ms N Williams
94 The Parade
PAEKAKARIKI

Dear Madam

BUILDING CONSENT 981169 - 84 AMOHIA STREET

The following items require completion or change to comply with the above building consent documents:

- X 1. Adjacent to the main entrance provide a marked complying disabled carpark. Mark out 8 further ordinary carparks. ✓
- ✓ 2. Install white on green fire exits signs as marked on attached plan.
- X 3. Reduce the entry threshold to maximum 20mm.
- X 4. Adjust tempering valve on hot water cylinder down to maximum 55 C. NO TEMPERING VALVE
- ✓ 5. The 40mm combined basin waste has insufficient fall, has 150mm, needs minimum of 250mm or 1.40 fall.
- X 6. Install surround to drain gully at rear to prevent the ingress of surface water.
- ✓ 7. Paint seal the gibraltor board in the laundry area.
- X 8. Extend drain terminal vent to 600mm above roofline.
- X 9. If the previously designated "bathroom" is now designated as a "treatment" room, the toilet and shower are to be accessible for the disabled, presently they do not comply with these standards. Otherwise these facilities are to be labeled "staff only". NOT DONE

When the above work is complete, please arrange for reinspection.

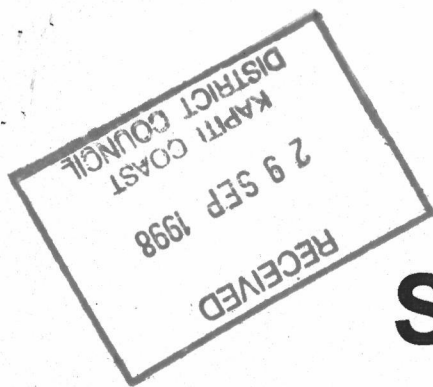
Yours faithfully

Arnold Hawkins

Arnold Hawkins
BUILDING CONTROL OFFICER

→ P Red valve / replacing
P Red valve / supply tank

BC 981169



SPECIFICATION

Alterations to 84 Amohia Street

DARREN HUNTER
ARCHITECTURAL DESIGNER
PO BOX 9592
TE ARO
WELLINGTON
PHONE (025) 378-439

BASE CONSULTING ENGINEERS
PHONE (04) 297-0088

1.0 DRAWINGS AND SPECIFICATION

This specification is to be read in conjunction with the plans, working drawings and any other detailed drawing which may be issued. All figured dimensions shall be taken in preference to those scaled. All detailed drawings shall supersede those to smaller scale.

CARPENTER

2.01 EXTENT OF WORK

Comprises the fixing of all timber work, linings, sheathings, fittings, finishings and hardware as shown and to the best trade practice.

Cut away for, attend on and make good after all other trades. Provide and fix all necessary beads, stops, fillets, etc. as may be required. Leave all working parts in good working order.

2.02 MATERIALS

All materials shall be new unless otherwise specified and the best of their respective kinds.

All timbers shall be as specified and graded according to N.Z.S.S. 1693 and shall be in straight and in as long lengths as procurable.

All treated timbers shall be in accordance with the Timber Preservation Authorities Regulations.

2.03 WORKMANSHIP

Workmanship of the best shall be employed in thoroughly securing and framing together spiking or bolting down as may be required.

All nails in exposed work are to be punched below the surface.

2.04 STANDARDS

All work shall be carried out in accordance with the requirements of the NZS 3604 and Amendments.

2.05 TIMBER

i General:

Shall be graded in accordance with NZS 3631 (including revisions and amendments) and shall be straight and in as long lengths as possible.

2.06 TIMBER SCHEDULE

The following schedule is to be used as an aid only and does not include every timber item in the job.

NO. 1 FRAMING GRADED, BORIC TREATED, GAUGED RADIATA PINE

NOTE DRY FRAMING TO ALL LOCATIONS

Studs

Dwangs

Plates

Lintels Refer NZS 3604

Blocking

NO. 1 GRADE SAWN H4 GRADE RADIATA PINE

Posts in ground for fences

2.07 VAPOUR BARRIER

Place layer of DPC felt to separate woodwork from adjacent concrete. Fabric to be full width of the woodwork, neatly punched for bolts and other fixings, laid in long lengths with joints bitumen sealed.

2.08 WALL FRAMING

To all locations frame up walls in ex 100 x 50 at 600 crs. Install double studs beneath all beams and trusses. Wall framing shall be gauged and set out to suit wall linings. Brace walls in accordance with the bracing plans and engineers recommendations provided. The braces shall be as detailed in NZS 3604. Lintels shall be 100mm wide to match existing wall width as required to suit span in accordance with NZS 3604. Dwangs shall be fixed at centers as recommended by the manufacturers of the wall lining, and behind fixtures fittings etc. Top Plate arrangement as per NZS 3604:1990 Fig.6.10B.

2.09 ROOF FRAMING

As per existing.

2.10 FLOOR

Timber piles and subfloor arrangement as per Existing.

2.11 BUILDING PAPER

Fit in behind window flashings to new window joinery

2.12 LININGS

Gibraltar Board:

All wall and ceiling linings unless otherwise noted shall be 9.5 mm gib board. Nail gib board with 30 x 2.5 mm galvanized clouts. Stop all nail holes, joints and imperfections with approved bedding compound. Sheets shall be tapered and joints taped.

Alternative method of glue and screw fixing to be carried out in strict accordance with Winstone manual.

2.13 INTERIOR TRIM

All interior doors to be existing units. 90 mm beveled MDF to all locations. Cornices to wall/ ceiling allow to match existing.

2.14 SHELVES

Fit miscellaneous shelving & cupboards supplied by owner..

2.15 BATHROOM

Allow to frame up to suit new laundry.

JOINERY

3.01 WINDOWS

Supply all windows indicated on the drawings.

3.02 HARDWARE

The window subcontractor shall supply and fix all hardware required for all windows.

3.03 GLAZING

All glass and glazing work shall comply with NZS 4223:1985 and associated standards.

All glazing to be clear glass.

PLUMBING

4.01 PRELIMINARY

The Plumber shall obtain all permits and pay all inspection and other fees necessary for the carrying out of this Contract.

4.02 EXTENT OF WORK

This trade comprises the supply and fixing of flashings, spouting, downpipes, sanitary fittings, and wastes, hot and cold water, reticulation and drainage.

4.03 MATERIALS

- i General: All materials shall be the best of their respective kinds in accordance with the relevant NZS where applicable, and as follows:
- ii Pipes and Tubes: Copper or polybutylene tubing shall be in accordance with New Zealand Building Act 1991 and the subsequent Approved Documents . For larger diameters refer specific clauses. They shall be free from defects and deleterious films in the bore, which may cause corrosion and shall be certified accordingly.

4.04 WORKMANSHIP

- i Plant: Provide all plant, materials and labour to complete the work in accordance with the drawings and specifications, Department of Health Regulations (1978) and the Water Supplies Protection Regulations (1961).

Qualifications: the tradesmen shall be registered under the Plumbers, Gas-fitters and Drainlayers Registration.

Standard: Shall be consistent with sound trade practice and carried out in accordance with the areas covered in the Approved Documents.

Copper Pipes: Bends shall be formed with special bending tools and NOT flattened. Reduction joints shall be made by cut mitres with overlap of 1.5 x diameter of larger pipe. Joining pipes of equal diameter shall be made by forming a socket with special extending tool to depth of at least equal to overall dimensions of pipes. Braze or solder all joints.

Polybutylene Tubing: Must be used in strict accordance with manufacturers instructions. Joints must not be made by means of thread cuts into the tube, or with any form of solvent

Vents: Vent fittings as shown on drawings, vents shall be 75 mm PVC and shall be concealed within wall framing. Fit balloon at top.

4.05 TESTS

Plumber shall supply all necessary equipment and carry out all necessary tests and corrections to ensure that the entire plumbing system is in good working order, free from leaks in pipework and fittings. Test water system under maximum pressure.

4.06 CLEANING

At completion of contract, thoroughly clean all fittings and fixtures of this trade, removing all labels and protective paper, and leaving ready for use.

4.07 USER OF PIPES

Cold Water (outside)	PVC or Polybutylene
Cold Water (inside)	Copper or Polybutylene
Hot Water	Copper or Polybutylene
Waste Pipes	PVC
Terminal Vent	PVC
Water Supply Pipes	PVC run in wall

4.08 PIPE PENETRATIONS

Flash pipe penetrations through rood convoluted rubber mouldings with pliable aluminium surrounds (Aquaseal or equal approved).

4.09 HOT WATER CYLINDER

To be as per existing.

4.10 PLUMBING FITTINGS

To be determined by owner.

4.11 DISHWASHER

no dishwasher

4.12 FLASHINGS, SPOUTING AND DOWNPIPES

Supply the Carpenter all window flashings and other flashings other than those to roof. Window head flashings shall be 0.6 mm colour steel to match windows.

4.13 EXTENT OF WORK

Alter Hot & Cold water supply and reticulation. Installation of all sanitary fittings specified. Supply of all window flashings to carpenter and all other flashings excluding those by roofer. Installation of appliances. Supply of all fittings and appliances unless items have been specifically noted as being supplied by others.

4.14 APPLIANCES AND FITTINGS ETC.

All the above appliances and fitting shall be installed in strict accordance with the manufacturers instructions, and left in full working order.

4.15 SPOUTING

Marley classic spouting and guttering to existing locations.

ELECTRICIAN

5.01 PRELIMINARY

The Electrical Contractor shall obtain all permits and pay all inspection and other fees necessary for the carrying out of this contract.

5.02 MATERIALS

Shall be of the best of their respective kinds and shall fully comply with the requirements of the Local Authority Regulations governing same.

5.03 SUPPLY

As per existing system

5.04 POWER POINTS

All power points shall be PDL 500 flush types, to selected colour, and to be of 3 pin switch type.

5.05 SWITCHES

All Switches shall be PDL 500 to selected colour 900 mm from floor. Final positions to be determined on the job.

DRAINLAYER

6.01 GENERAL

This Trade is subject to General clauses of this Specification and is referred to all other Trade Sections.

6.02 EXTENT OF WORK

Soil drains

Gully traps

Stormwater drain and pump as per engineers recommendations

6.03 INSPECTION AND RECORDS

All drains are to be left for inspection by the Local Drainage Inspector until they have properly been tested and finally approved.

6.04 MATERIALS

Pipes used for sewer and stormwater drains, shall be of PVC, as manufactured by Winstones Limited and shall be in compliance with NZS 7649 (1974). All methods of laying and jointing shall be as recommended by the pipe manufacturers. Stormwater pipes are to be as above but can be a lower grade marked "STORMWATER".

6.05 WORKMANSHIP

- i Qualifications: The tradesmen shall be Registered Drainlayers, under the Plumbers, Gas-fitters and Drainlayers Act 1976.
- ii Standard: Shall be consistent with sound trade practice and in compliance with the NZ Building Act 1991
- iii Excavations: Drainlayer is responsible for all drainage excavations. Excavations shall be in straight lines to correct depths for gradients and concrete beds. do any draining or plumbing required.

6.06 PIPE LAYING

- i General: Reticulations shown on drawings are DIAGRAMMATIC ONLY. It is the responsibility of this trade to adjust these and allow for all costs and to carry out the work in accordance with recognized practice. Refer to drawings.
- ii Laying: On delivery, each pipe shall be examined and any that are defective shall be segregated and marked as such. Prepare trenches, providing all instruments to set out straight lines, allowing sufficient working space for bedding and jointing.

All drains shall have minimum cover of 600 mm to finished ground level and shall be completed with all necessary fittings.
- iii Jointing: Carried out in compliance with the NZ Building Act 1991.
- iv Testing and Inspecting: No sewer lines shall be covered until they have been inspected, tested and approved by the Local Authority being the KAPITI COAST DISTRICT COUNCIL, Enviroment Division. This Contract shall provide and maintain testing equipment, and shall ensure that the complete system is left in good working order.

6.07 SOIL DRAINS

Lay drains to gradients tabled in NZ Building Approved Documents. Connect to sewer pipes into existing sewer. All in accordance with local authority requirements.

6.08 STORMWATER DRAINS

Lay drains as shown from all downpipes to stormwater drainage as shown. Lay in compliance with the NZ Building Act 1991

5.0 Roadbase, sub-base and capping construction

5.1 General

The quality of the underlying layers will determine the level of performance achieved by a clay segmental pavement. If the materials are of poor quality or are not laid correctly then the pavement system will probably fail. In order to achieve a satisfactory yet economical pavement locally available materials should be employed and proven construction practice followed.

The following notes are provided as a general guide to the minimum standards which should be used.

5.2 Roadbase, sub-base and capping compaction

Compaction should be completed as soon as possible after the material has been spread and in accordance with the requirements for the individual materials. The surface of any layer of material should on completion of compaction and immediately before overlaying, be well-closed, free from movement under compaction plant and from ridges, cracks, loose material, pot holes, ruts or other defects. All loose, segregated or otherwise defective areas should be removed to the full thickness of the layer, and new material laid and compacted. Refer to section 9.2 and 9.3 for information on compaction requirements.

5.3 Capping layer

Capping material should be compacted as described in Section 5.2 and should comprise selected granular fill with a CBR of at least 15%. It will usually comprise low cost material available on or near to the construction site. It is used optionally on low CBR subgrades (i.e. $\text{CBR} \leq 5\%$) in order to reduce the thickness of overlying material.

5.4 Granular roadbases and sub-bases

Usually, granular material is used as a sub-base and a stabilised roadbase is constructed above. However, for lightly trafficked pavements, the granular material serves the purpose of both a sub-base and a roadbase. A specification for granular roadbases and sub-bases is provided in Section 9.3.

5.5 Cement stabilisation

When the cement bound materials are used as the roadbase they result in a reduced layer thickness. They should be compacted as described in Section 5.2 and the material should have the properties described in Section 9.4. Cement treated material up to 120 mm compacted thickness should be spread in one layer. A minimum layer thickness of not less than 2.5 nominal size is preferred.

The cement should comply with AS 1315-1982 'Portland Cement' or AS 1317-1982 'Blended Cement'.

5.6 Lime stabilisation

Lime stabilisation can be an effective means of improving the workability and strength of clayey soils. Section 9.5 provides further details of this process.

5.7 Tolerances

The levels of each pavement course should not deviate from the true levels by more than the figures given in Table 4.

Table 4
Maximum permitted departure from true level for each pavement course.

Course	Maximum permitted deviation from true level
Clay pavers	+8 mm or -8 mm
Roadbase	+8 mm or -8 mm
Sub-base	+10 mm or -20 mm
Capping layer	+10 mm or -20 mm
Formation	+15 mm or -30 mm

5.8 Waterproofing

Consideration should be given to the use of a waterproofing material directly beneath the bedding sand. Bitumen emulsion is commonly used. If waterproofing material is specified, care must be taken to ensure that a head of water does not form in the sand, which has been saturated by water entering through the joints between pavers, particularly on steep grades.

Figure 7 illustrates a detail for removing water from the bedding sand. In many situations, the water may be allowed to remain in the bedding sand without causing pavement deterioration.

A thin layer of asphalt has been used as a waterproof seal. This treatment also creates a useful temporary running surface for traffic prior to the laying of pavers.

6.0 Bedding sand

6.1 General

Prior to screeding the bedding sand, consideration should be given to providing bitumen emulsion spray in order to prevent ingress of moisture to the materials below the sand. In the case of cement stabilised material, this should not be necessary. Stabilised roadbases may require a filter fabric in order to ensure that bedding sand does not penetrate cracks which can develop.

Consideration should also be given to providing a fabric sandwich material beneath the bedding sand to permit unimpeded lateral flow of moisture.

6.2 Bedding sand thickness

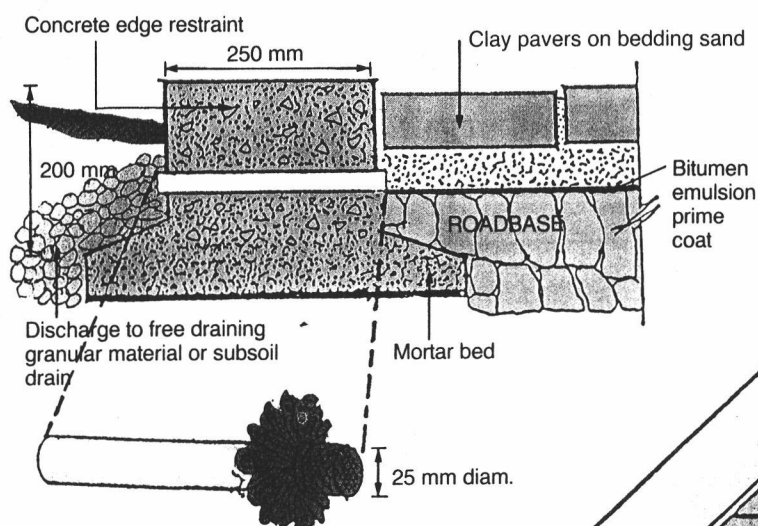
Normally, following compaction, the bedding sand should be uniformly 30 mm thick with a maximum specified of 50 mm and a minimum specified of 20 mm. The specified thickness should be other than 30 mm only when the need to achieve fixed levels precludes the specification of 30 mm. It is very important to achieve a *uniform thickness* of bedding sand.

6.3 Bedding sand construction

Either of the following installation procedures is acceptable:

- Spread the material loose and screed to the final level plus an amount to accommodate the reduction in thickness which will occur when the pavers are vibrated;
- Spread a loose uncompacted layer equal to the final required thickness. This sand is vibrated using the same plate vibrator as that used for vibrating the pavers. Finally, spread and screed a further layer to form a loose surface into which the pavers can be laid.

In each method, the sand should be disturbed as little as possible prior to paver installation. Any disturbance of the bedding sand may lead to final surface undulations. Gaps between edge restraints or at the intersection with other pavements should be sealed to avoid any loss of bedding sand.



uPVC pipes capped with filter fabric laid through edge restraint at base level of bedding sand at 5000 mm ctrs.

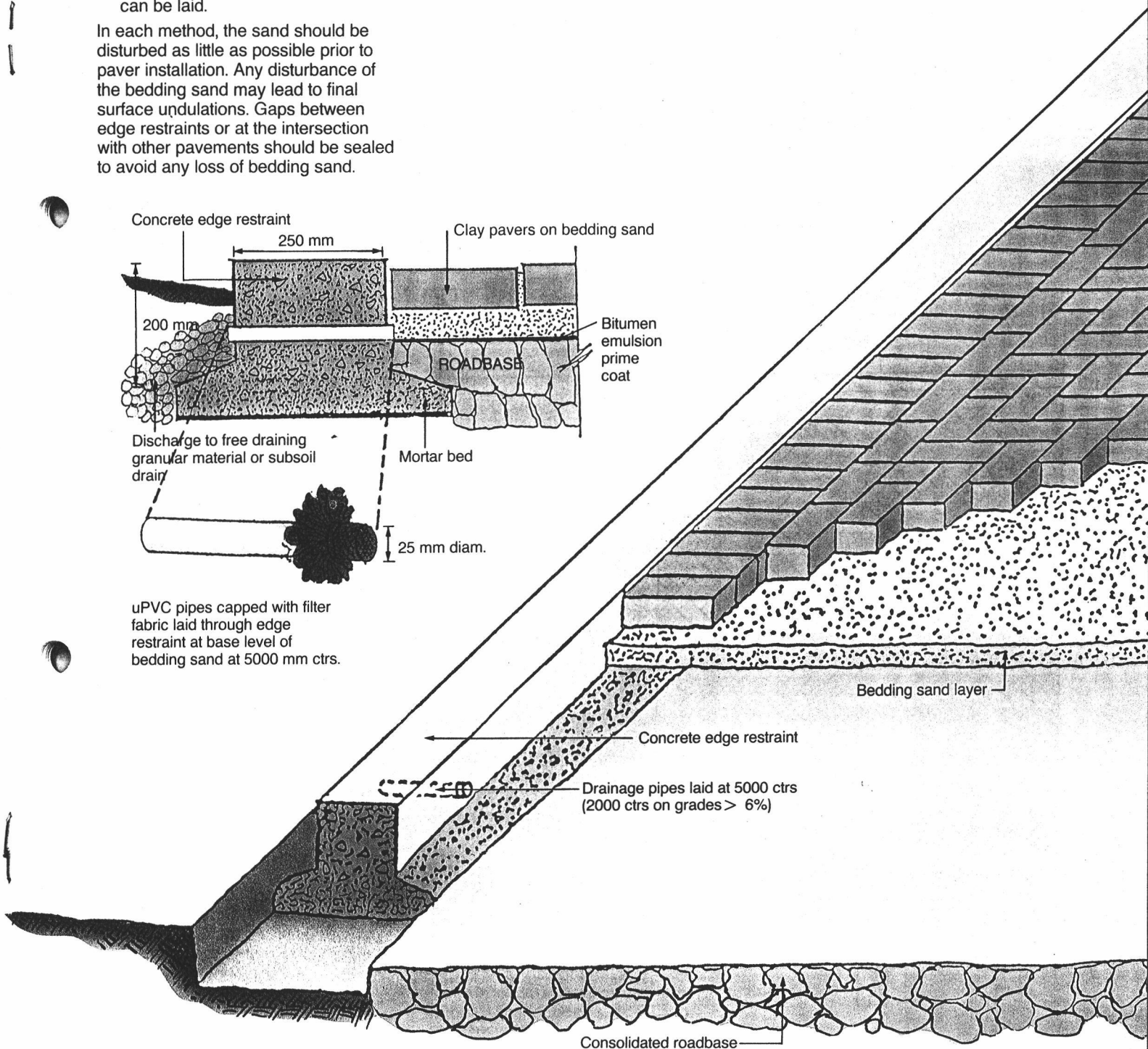


Figure 7. Drainage of bedding sand on a steep grade.

7.0 Pavers

7.1 Specification

The BDRI recommended paver specification is BDRI Design Note 13C, *Specification for Fired Clay Pavers for Sites Subjected to Vehicular and Pedestrian Traffic*.*

7.2 Laying pavers

The pavers should be laid such that a joint width of 2mm to 5mm forms between each paver with a target joint width of 3mm. This requires consistent gauging of the job to ensure that equal areas or lengths have equal numbers of pavers. Experienced paviors gauge by eye but still check with stringlines. Stringlines are recommended to maintain gauging on all jobs.

Mechanical force should not be used to bring pavers into intimate contact.

Figure 8 shows typical string line arrangements. When pavers deviate

from the string line, it will be necessary to remove pavers from several rows and re-lay to the string line. The shaded pavers in Figure 8 should be relaid.

Once laid to gauge an initial application of dry jointing sand should be broadcast on the pavers and swept into the joints.

Next comes compaction with a high frequency/low amplitude plate or rubber-roller mechanical vibrator. This is a critical operation – it forces bedding sand from below into the gaps between pavers, while causing the jointing sand from above to settle down into the gaps.

A minimum of two passes will be required, with joints being topped-up with jointing sand between passes. The mechanical compactor should not be used closer than one metre from the laying face.

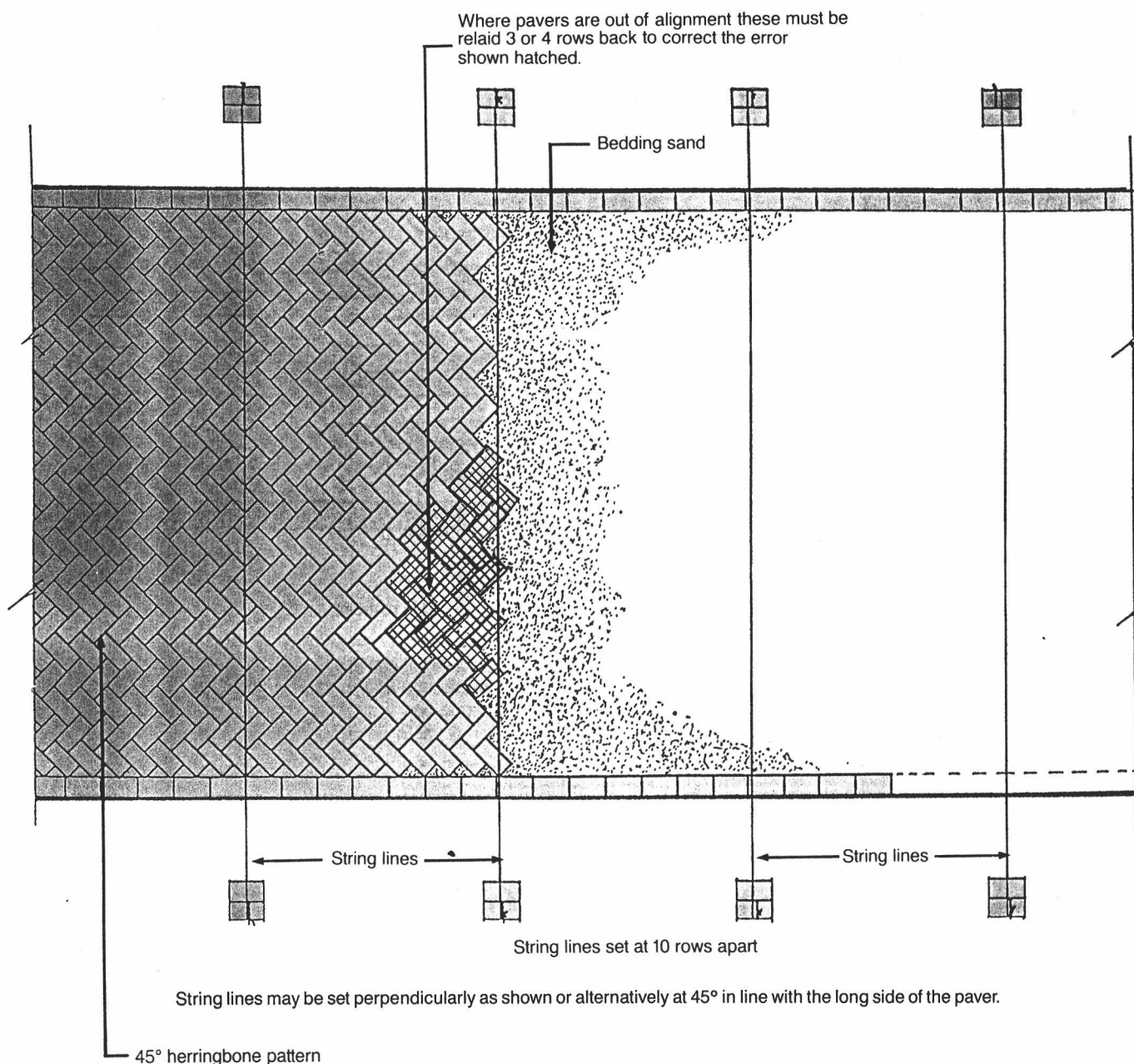


Figure 8. Use of stringlines.