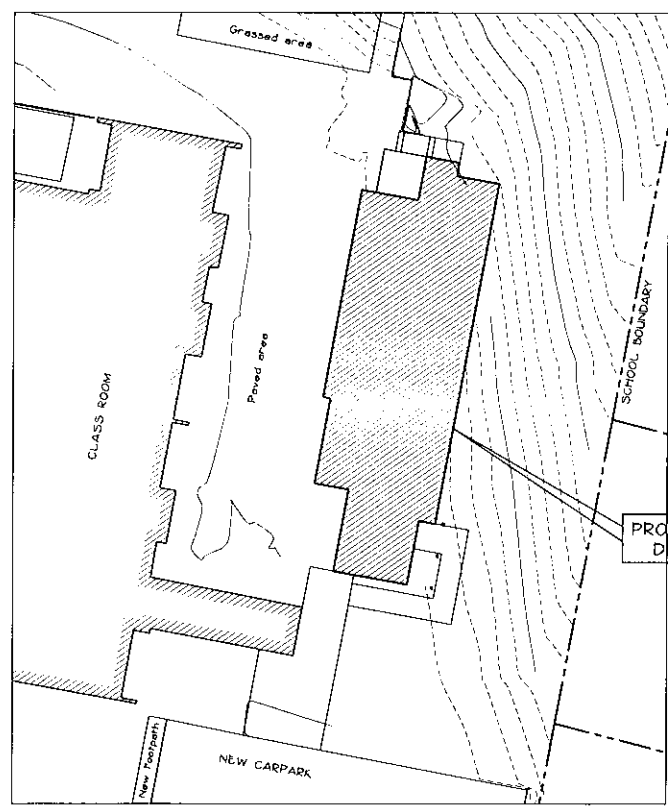


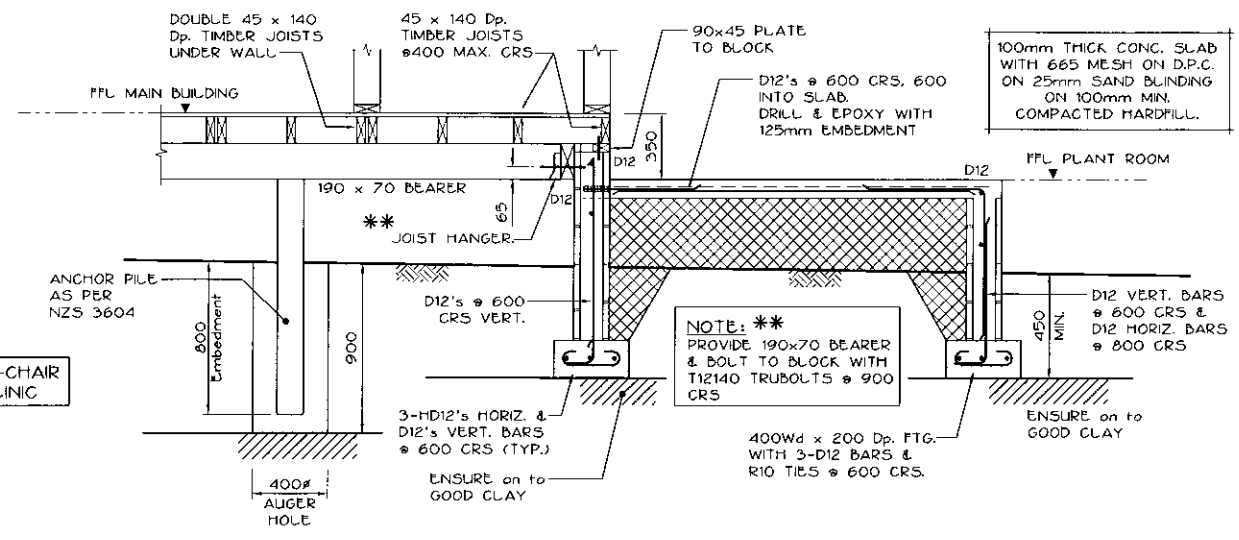
- KEY:**
- 'ORDINARY PILE' to NZS 3604:125 Sq. TIMBER PILE, 100 EMBEDMENT TO 400mm# CONC. FOOTING TO MIN 1200 DEPTH
 - 'ANCHOR PILE' to NZS 3604:125 Sq. TIMBER PILE, 800 EMBEDMENT TO 400mm# CONC. FOOTING TO MIN 900 DEPTH
 - 'BRACED PILE' to NZS3604:125 Sq. SENTON, 100 EMBEDMENT TO 400# CONC FOOTING TO MIN 450 DEPTH.
 - 140 Sq. VERANDAH POST WITH 400 Sq. x 450dp. CONC. PAD FOOTING.
 - ⊗ SUCTION PIT IN TREATMENT AREA
 - ⊠ SUCTION PIT IN PLANT ROOM. REFER SECTION 2.
 - TIMBER JOISTS: 140 x 45 @ 400 CRS CONTINUOUS OVER MIN 2 SPANS
 - TIMBER FLOOR BEARERS: 190 x 70 AS SHOWN OVER 2 OR MORE SPANS MAX 1650 BETWEEN PILES

- IMPORTANT NOTES:**
- DESIGN ASSUMPTIONS:**
- THE SPECIMEN BUILDING ALLOWS FOR THE FOLLOWING:
- HIGH WIND ZONE
 - SEISMIC ZONE "A"
 - 0.5 kPa SNOW LOADING
 - 3 kPa FLOOR LOADING
- AS DEFINED IN NZS 3604:1999.
- THE SPECIMEN DESIGN ALLOWS FOR THE FOLLOWING EQUIPMENT:
- KaVo PRIMUS 1058 TM/S DENTAL CHAIR.
 - PLANMECA INTRA X-RAY MACHINE.

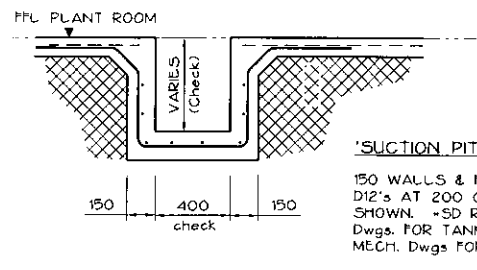
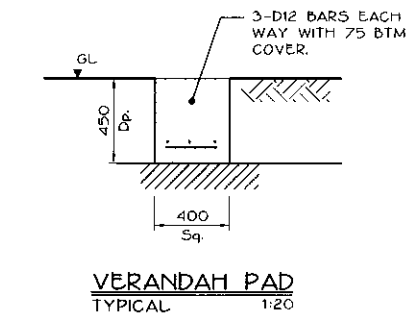
SUB-FLOOR PLAN - PROPOSED DENTAL CLINIC (4 CHAIR)
1:50



LOCATION PLAN
1:250



SECTION - PLANT ROOM (TYP.)
1:20



SECTION - SUCTION PIT TYPICAL
1:20

REV A: 16 April 2010
ISSUED FOR CONSENT

AV MITCHELL VRANJES CONSULTING ENGINEERS LTD

• Grafton: Ground Floor, 2 Kon Street, Grafton, Auckland
Telephone: 09 - 307 2141 Facsimile: 09 - 307 2143

• Papakura: 1st Floor, 17 Duff Street, Papakura PO Box 79-790
Papakura Telephone: 09 - 296 8000 Facsimile: 09 - 296 9920

Job Title: **GLENFIELD INTERMEDIATE 139 CHIVALRY ROAD GLENFIELD, AUCKLAND WAITEMATA DISTRICT H B**

Sheet Title: **PROPOSED DENTAL CLINIC SUB-FLOOR PLAN/ DETAILS**

Scale: 1:50 (A1) Job No: 10-059a

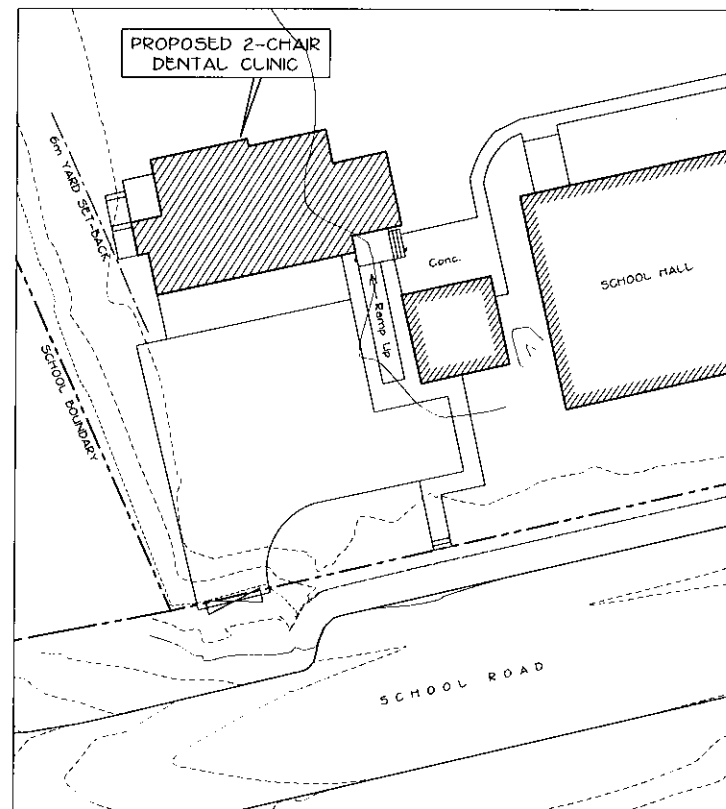
Date: APRIL 2010 Drawn: JVAOTOSO

Design: JVAOTOSO

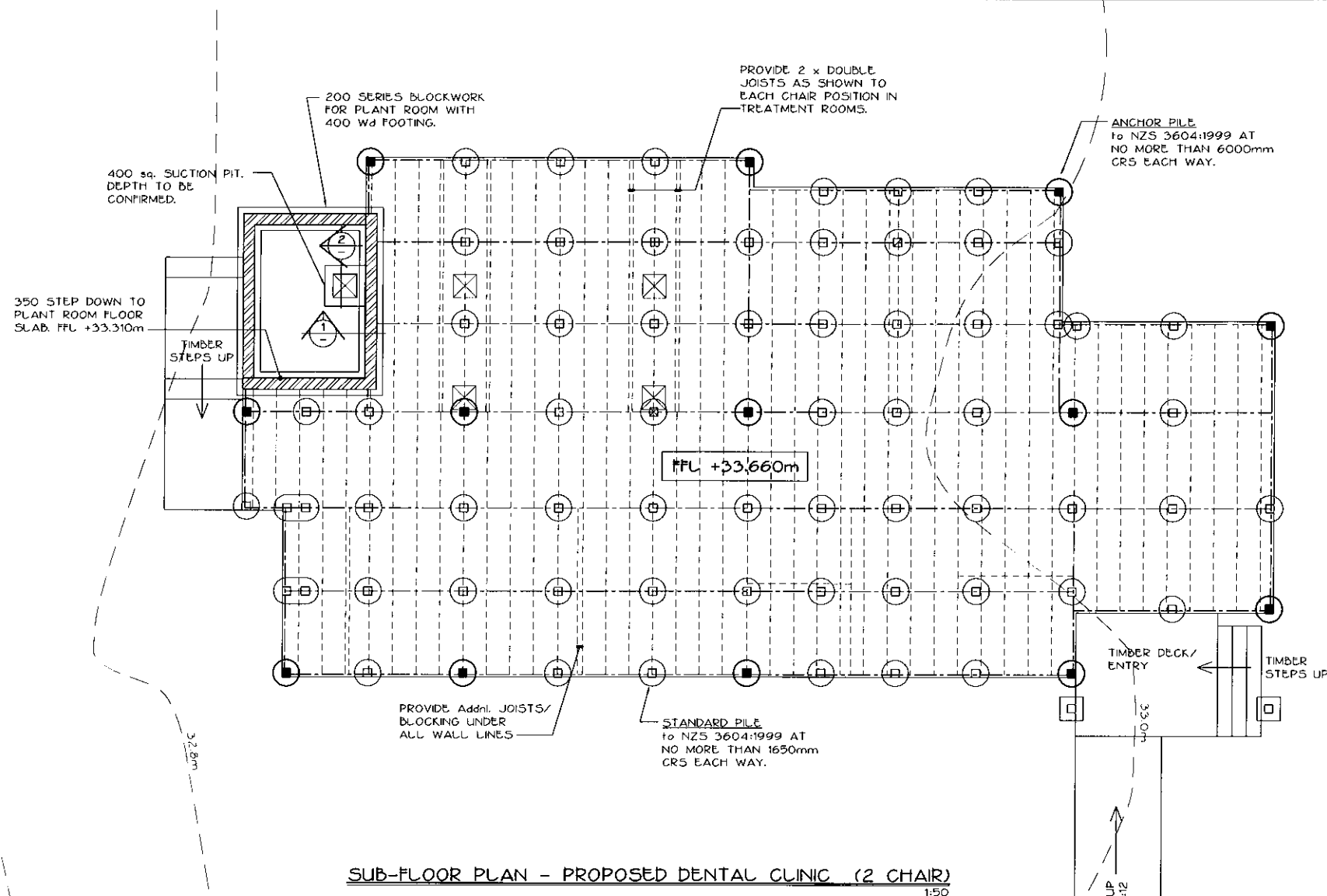
Drawn: MIERERUA

Status: **PRELIMINARY** Revision: **A**

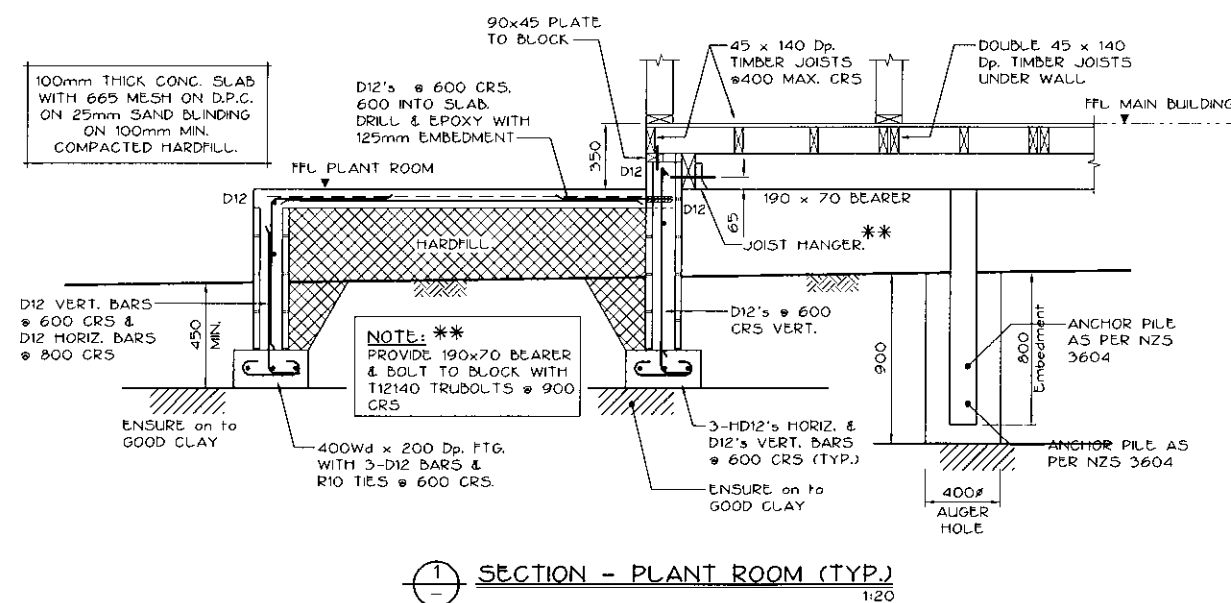
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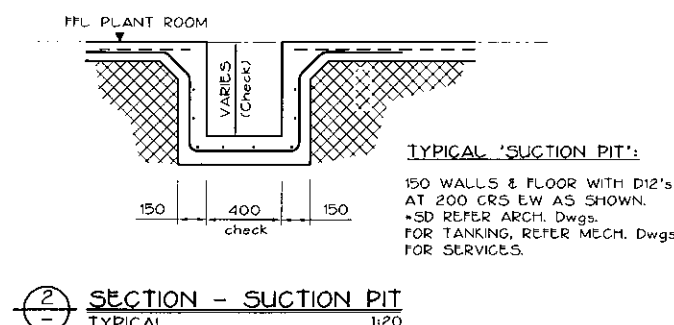
LOCATION PLAN
1:250



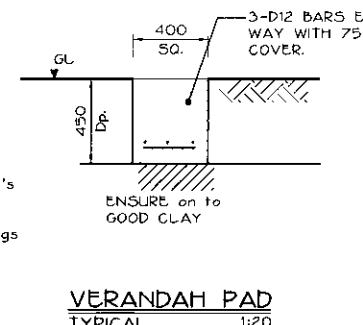
SUB-FLOOR PLAN - PROPOSED DENTAL CLINIC (2 CHAIR)
1:50



SECTION - PLANT ROOM (TYP.)
1:20



SECTION - SUCTION PIT
1:20



VERANDAH PAD
TYPICAL 1:20

KEY:

- "ORDINARY PILE" to NZS 3604, 125 Sq. TIMBER PILE, 100 EMBEDMENT TO 400mm CONC. FOOTING TO MIN. 450 DEPTH.
- "ANCHOR PILE" to NZS 3604, 125 Sq. TIMBER PILE, 800 EMBEDMENT TO 400mm CONC. FOOTING TO MIN. 900 DEPTH.
- 140 Sq. VERANDAH POST WITH 400 Sq. x 450Dp. CONC. PAD FOOTING.
- ⊗ SUCTION PIT IN TREATMENT AREA
- ⊗ SUCTION PIT IN PLANT ROOM. REFER SECTION 2.
- TIMBER JOISTS: 140 x 45 @ 400 CRS CONTINUOUS OVER MIN. 2 SPANS
- TIMBER FLOOR BEARERS: 190 x 70 AS SHOWN OVER 2 OR MORE SPANS MAX 1650 BETWEEN PILES

IMPORTANT NOTES:

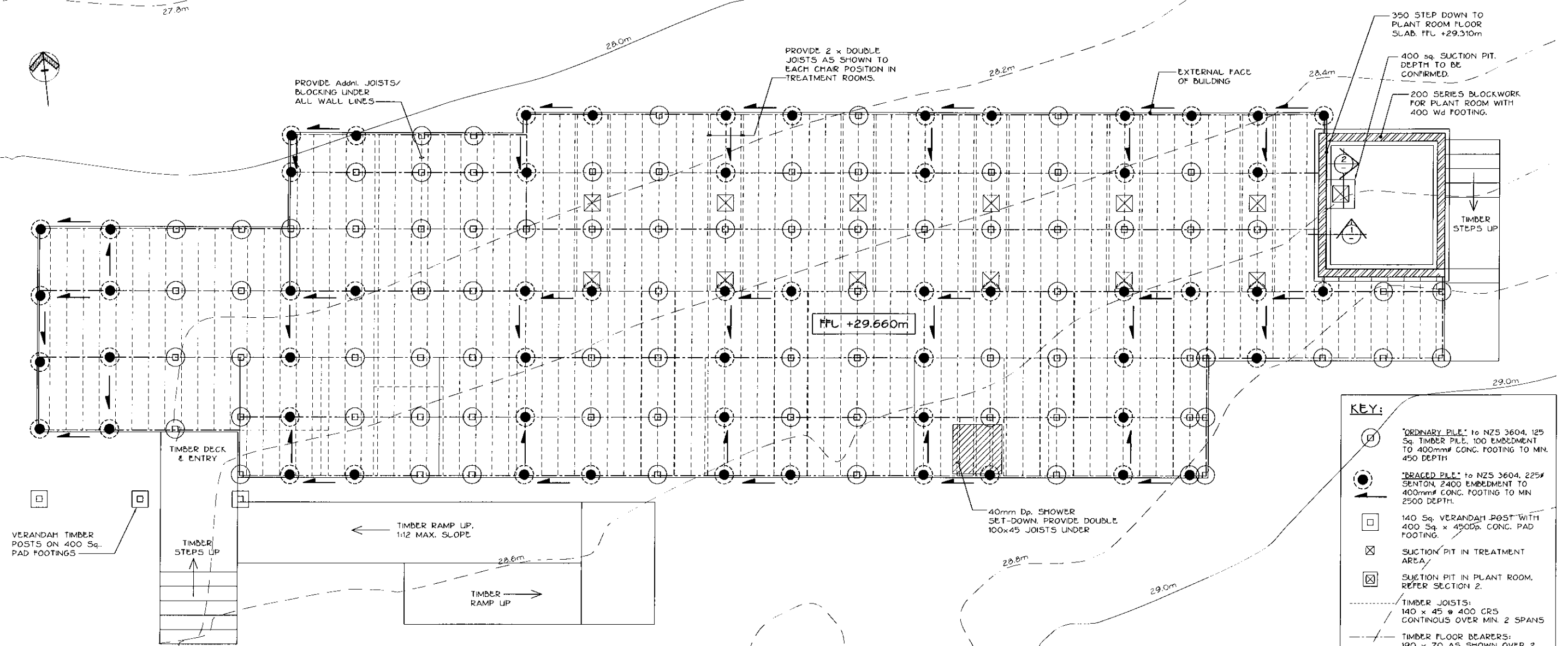
DESIGN ASSUMPTIONS:

- THE SPECIMEN BUILDING ALLOWS FOR THE FOLLOWING:
- HIGH WIND ZONE
 - SEISMIC ZONE "A"
 - 0.5 kPa SNOW LOADING
 - 3 kPa FLOOR LOADING
- AS DEFINED IN NZS 3604:1999.

- THE SPECIMEN DESIGN ALLOWS FOR THE FOLLOWING EQUIPMENT:
- KaVo PRIMUS 1058 TM/S DENTAL CHAIR.
 - PLANMECA INTRA X-RAY MACHINE.

REV. A: 16 April 2010
ISSUED FOR CONSENT

MITCHELL VRANJES CONSULTING ENGINEERS LTD 10-059b Lamont Primary School, Auckland Telephone: 09 - 307 2141 Fax: 09 - 307 2143 10-059b Lamont Primary School, Auckland Telephone: 09 - 307 2141 Fax: 09 - 307 2143	
10-059b Lamont Primary School SCHOOL ROAD TE ATATU STN, AUCKLAND WAIKATO DISTRICT H B	
Sheet Title: PROPOSED DENTAL CLINIC SUB-FLOOR PLAN/ DETAILS	
Scale:	1:50 (A1)
Date:	APRIL 2010
Design:	JVA/TOS
Drawn:	MIERERUA
Check:	
Job No:	10-059b
Rev. No:	
S1.b	
PRELIMINARY	



SUB-FLOOR PLAN - PROPOSED DENTAL CLINIC (6 CHAIR)
1:50

KEY:

- "ORDINARY PILE" to NZS 3604, 125 Sq. TIMBER PILE, 100 EMBEDMENT TO 400mm# CONC. FOOTING TO MIN. 450 DEPTH
- "BRACED PILE" to NZS 3604, 225# SENTON, 2400 EMBEDMENT TO 400mm# CONC. FOOTING TO MIN. 2500 DEPTH
- 140 Sq. VERANDAH POST WITH 400 Sq. x 450Dp. CONC. PAD FOOTING.
- ⊗ SUCTION PIT IN TREATMENT AREA
- ⊗ SUCTION PIT IN PLANT ROOM, REFER SECTION 2.
- TIMBER JOISTS: 140 x 45 @ 400 CRS CONTINUOUS OVER MIN. 2 SPANS
- TIMBER FLOOR BEARERS: 190 x 70 AS SHOWN OVER 2 OR MORE SPANS MAX 1650 BETWEEN PILES

IMPORTANT NOTES:

DESIGN ASSUMPTIONS:

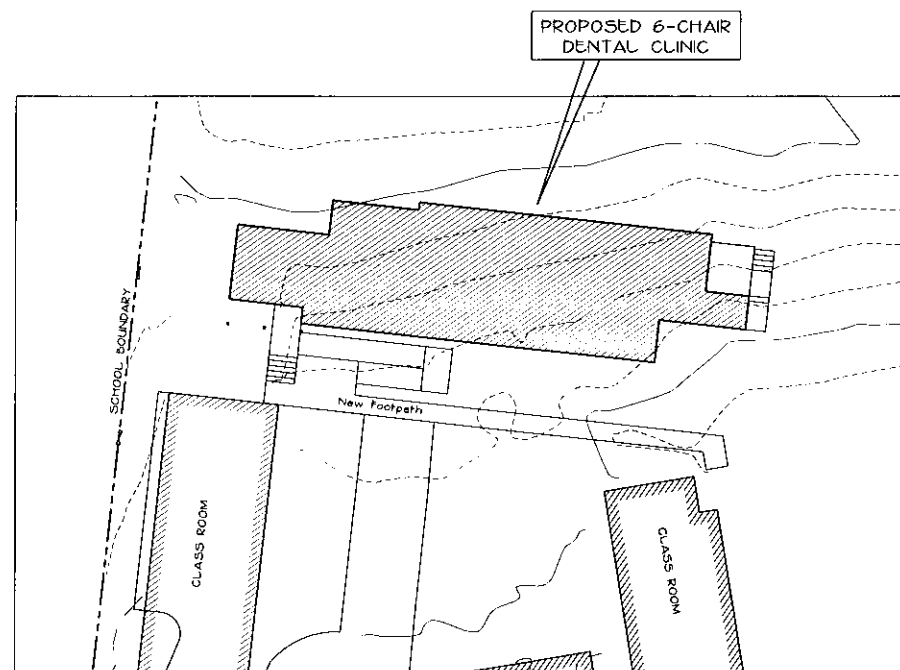
THE SPECIMEN BUILDING ALLOWS FOR THE FOLLOWING:

- HIGH WIND ZONE
- SEISMIC ZONE "A"
- 0.5 kPa SNOW LOADING
- 3 kPa FLOOR LOADING

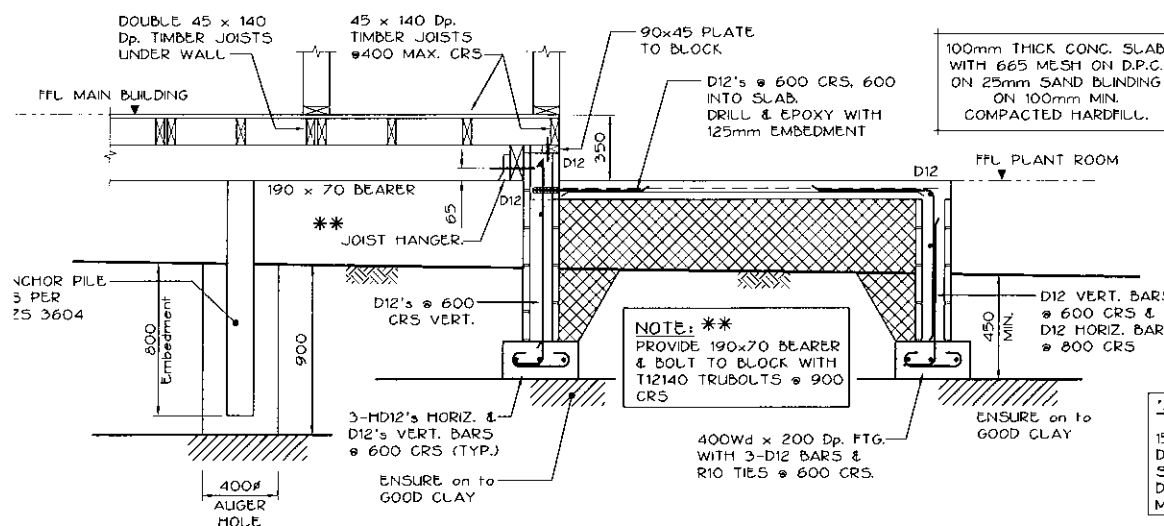
AS DEFINED IN NZS 3604:1999.

THE SPECIMEN DESIGN ALLOWS FOR THE FOLLOWING EQUIPMENT:

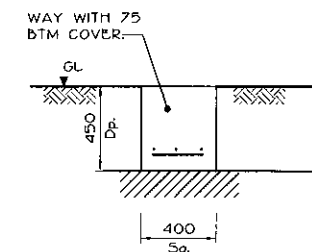
- KaVo PRIMUS 1058 TM/S DENTAL CHAIR.
- PLANMECA INTRA X-RAY MACHINE.



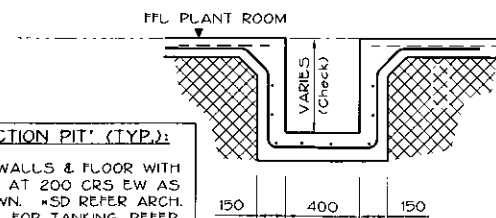
LOCATION PLAN
1:250



SECTION - PLANT ROOM (TYP.)
1:20



VERANDAH PAD TYPICAL
1:20



SECTION - SUCTION PIT TYPICAL
1:20

REV. A: 16 April 2010
ISSUED FOR CONSENT

MITCHELL VRANJES CONSULTING ENGINEERS LTD

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Telephone: 09 - 307 2141 Facsimile: 09 - 307 2143
• Papakura: 2nd Floor, 12 Great South Road, Papakura PO Box 91-740
Papakura Telephone: 09 - 298 8800 Facsimile: 09 - 298 9920

Job Title:
**HENDERSON INTERMEDIATE
70 LINCOLN ROAD
HENDERSON, AUCKLAND
WAITEMATA DISTRICT H 8**

Sheet Title:
**PROPOSED DENTAL CLINIC
SUB-FLOOR PLAN/ DETAILS**

Scale: 1:50 (A1) Job No: 10-059c
Date: APRIL 2010
Design: JVAOTOGO
Drawn: MIERERUA

Drawn: MIERERUA
Status: PRELIMINARY
Revision: A