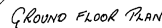


Veranda To
be Cantilevered
With 300mm
Wide Slab
Where T is
over The Public
Place

Min Clearance -
Between Kurb
at Verandah 450
- Horizon Tally

127 above
Footpath

Height of building is not to ELEVATION RIVER
exceed 9 M from mean average
ground level



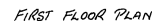
- ```

2 Pr vide uffizant h
 n s l mplying with
 NZS 4504 t v r th
 whol building

1 All d r u d as xit
 provided with typ of l cl
 abl t b pend From the
 in d withut th us f
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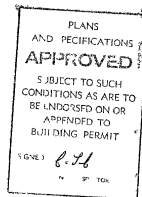
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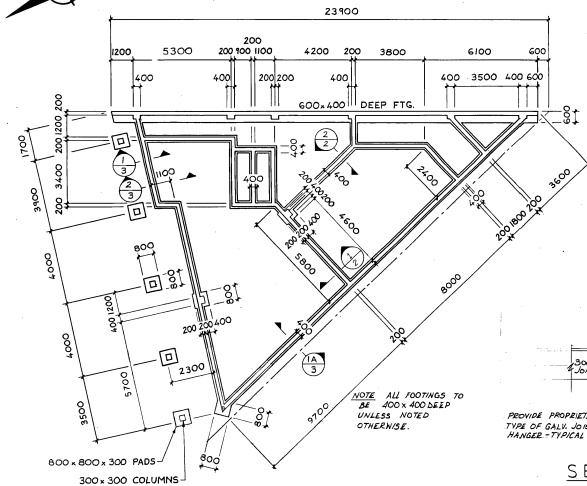


PLANS  
AND SPECIFICATIONS  
**APPROVED**  
SUBMIT TO S CH  
C IN THE S AS ARE TO  
B IN THE S ON OR  
S IN THE S  
B LING PERMIT  
BY *B. L. L.*  
19 19 19

PROPOSED SHOPS FOR ARCHER CONSTRUCTION LTD  
AT LOT 5 LT 27274 PT ALLOT 67 PARSH OF MAHURANGI

SCALE 1 100





JOIST SIZE 70 SUI/T  
NZS 3604 -1981

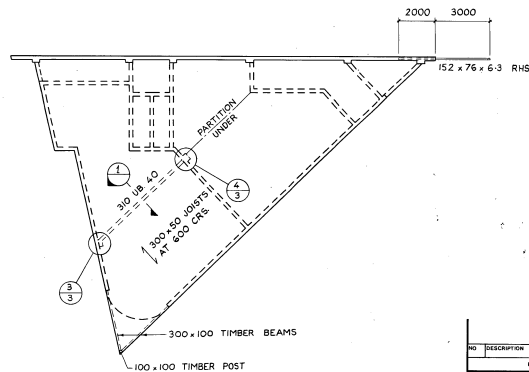
300x50  
Joist

M12 BOLTS AT  
600mm

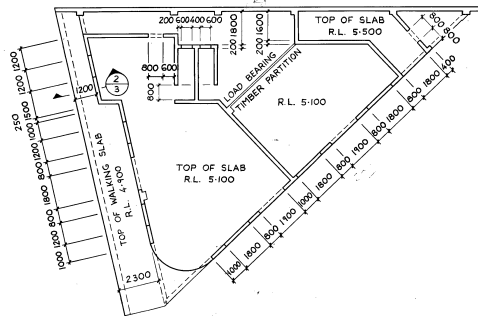
5/8 U.B. 40

PROVIDE PROPRIETARY  
TYPE OF GALV. JOIST  
HANGER - TYPICAL

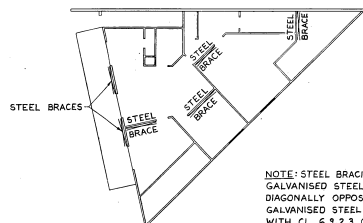
## SECTION 1



FIRST FLOOR PLAN



GROUND FLOOR PLAN



**NOTE:** STEEL BRACING TO BE GALVANISED STEEL ANGLE OR DIAGONALLY OPPOSED PAIRS OF GALVANISED STEEL STRIP COMPLYING WITH CL. 6.9.2.3. OF NZS. 3604

UPPER STOREY BRACING

## NOTES

1. Foundations shall bear on natural undisturbed ground at least 600mm below ground level and shall be safe working pressure of the soil supporting the foundations shall be no less than 100 kN/m<sup>2</sup>.
2. All concrete to have 28 day crush strength of 20 MPa.
3. Reinforcing steel pre-tensions:
  - a) 8mm plate road grade RT5
  - b) 8mm class deformed grade RT5
4. Minimum lap length of reinforcing bars 40 diameters.
5. Minimum 28 day strength of blackrock mortar to be 12.5 MPa, and of grout to be 17.5 MPa.
6. Particle board flooring of upper floor to be fixed as a diaphragm. Each sheet shall be fixed along each edge with 40mm diameter bolts. 10mm diameter nails at 150mm centres, and shall also be fixed to every edge at 150mm centres. 100x50 blocking on intermediate walls to be fixed between joists at ends of all sheets. Fastenings shall be: not less than:
  - a) 40mm diameter bolts
  - b) 12mm steel edge.
7. Galling to underside of upper floor to have 4 hour FRP (1 layer of 12mm Glimmerboard).
8. Minimum clear space of boundary wall to be 100mm.

| NO                                                                      | DESCRIPTION | DATE   | CR/CD                  |
|-------------------------------------------------------------------------|-------------|--------|------------------------|
| REVISED                                                                 |             |        |                        |
| CONTRACTOR MUST VERIFY ALL DIMENSIONS OF THE JOB BEFORE COMMENCING WORK |             |        |                        |
| DESIGN                                                                  | G.L.        | DATE   | COPYRIGHT              |
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| CHECKED                                                                 |             |        |                        |
| DATE PRINTED                                                            |             |        |                        |



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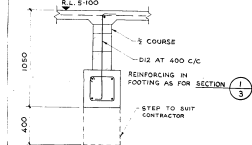
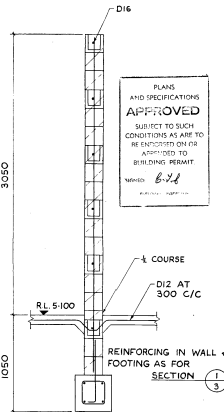
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GEOLOGISTS & PLANNERS

SHOPS FOR  
ARCHER  
CONSTRUCTION  
LTD.  
WHARF STREET  
WARKWORTH

SHEET TITLE

FOUNDATION AND  
FLOOR PLANS

|                |           |      |
|----------------|-----------|------|
| ORIGINAL SCALE |           |      |
| 1:100 & 1:20   |           |      |
| DRAWING NO.    |           |      |
| 1.901.57       | 1         |      |
| JOB NO.        | SHEET NO. | REV. |

SECTION 2  
1

SECTION 31  
1

|                                                                         |             |         |                                         |
|-------------------------------------------------------------------------|-------------|---------|-----------------------------------------|
| NO                                                                      | DESCRIPTION | DATE    | CH. NO.                                 |
| REVISIONS                                                               |             |         |                                         |
| CONTRACTOR MUST VERIFY ALL DIMENSIONS OF THE JOB BEFORE COMMENCING WORK |             |         |                                         |
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SHOPS FOR  
ARCHER  
CONSTRUCTION  
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WHARF STREET  
WARKWORTH

SHEET TITLE

ELEVATIONS OF  
EAST & SOUTH WALL

ORIGINAL SCALE  
1:50 & 1:20

|          |           |      |
|----------|-----------|------|
| 1.901.57 | 2         |      |
| JOB NO.  | SHEET NO. | REV. |

KEY