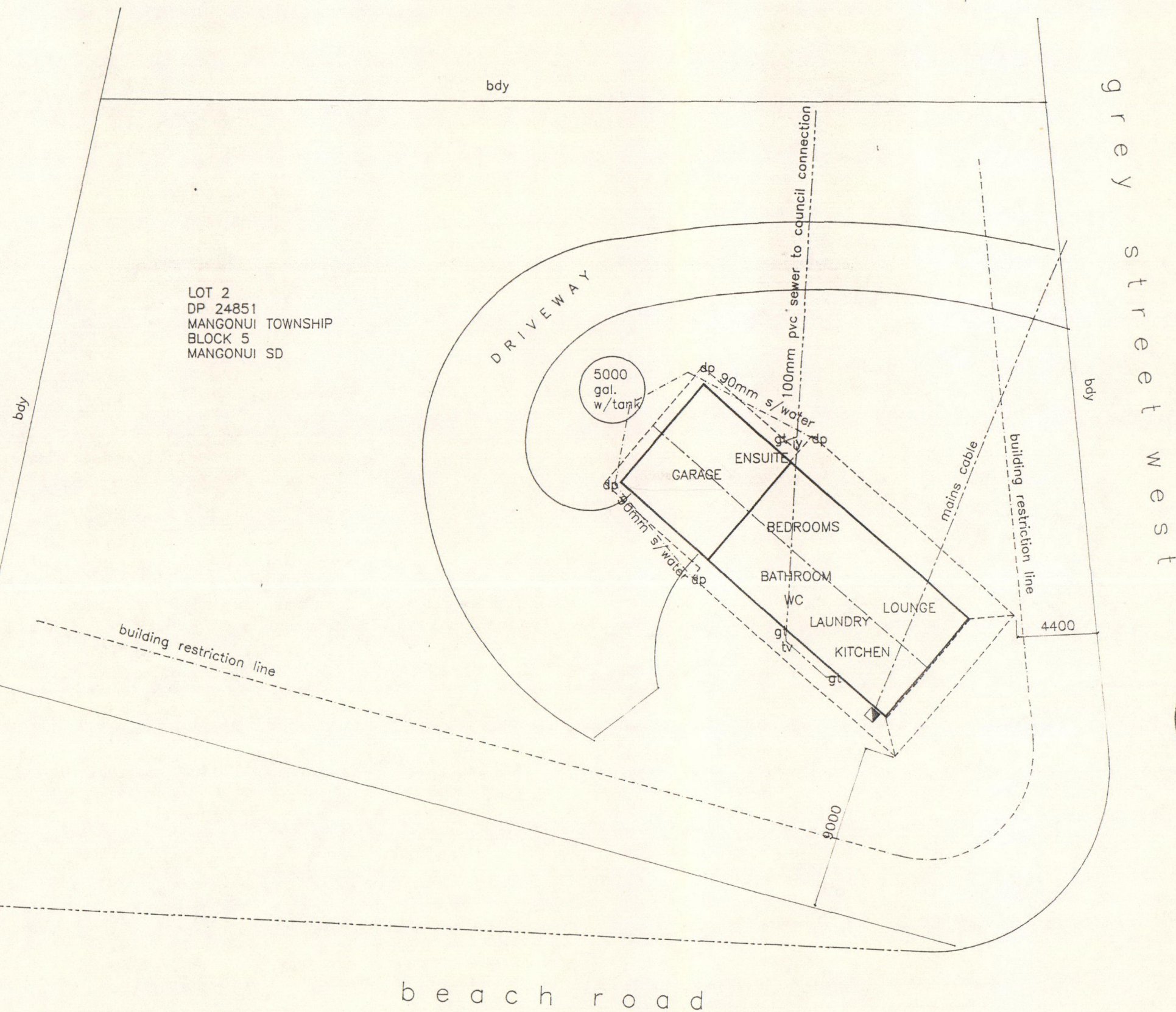
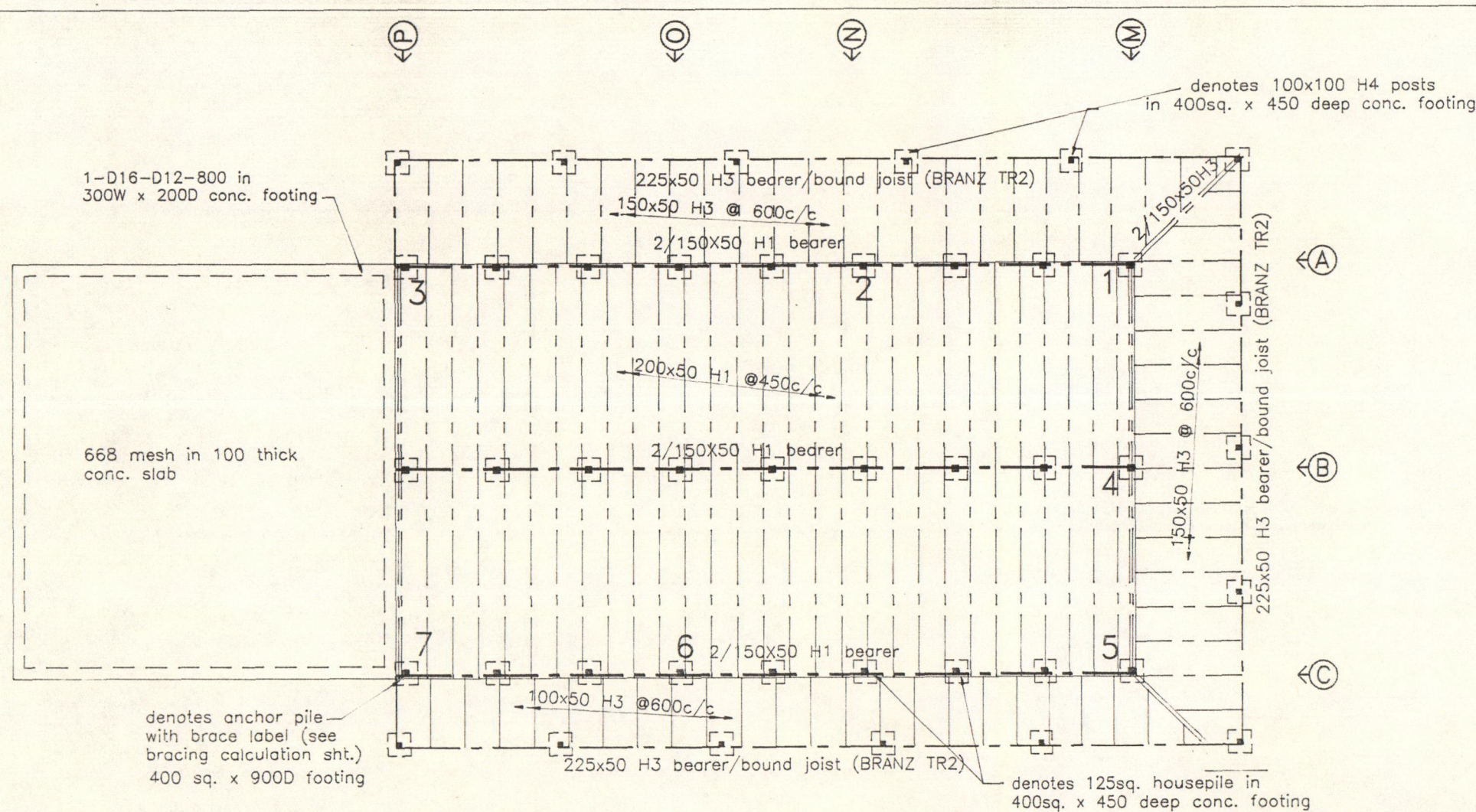




shoosmith house
mill bay
proposed site layout 1:250

NOTE !

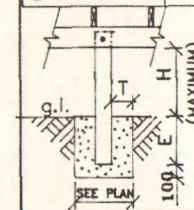
ALL DIMENSIONS IN MILLIMETRES
CHECK ALL DIMENSIONS ON SITE
ALL CONSTRUCTION TO NZS3604:1990
CHECK HOUSE POSITION WITH OWNER
BEFORE COMMENCING WORK



NOTE
ALL DIMENSIONS IN MILLIMETRES
CHECK ALL DIMENSIONS ON SITE
ALL CONSTRUCTION TO NZS3604:1990
SEE FL PLAN FOR LAYOUT DIMENSIONS

PILE DETAILS TO NZS 3604:1990

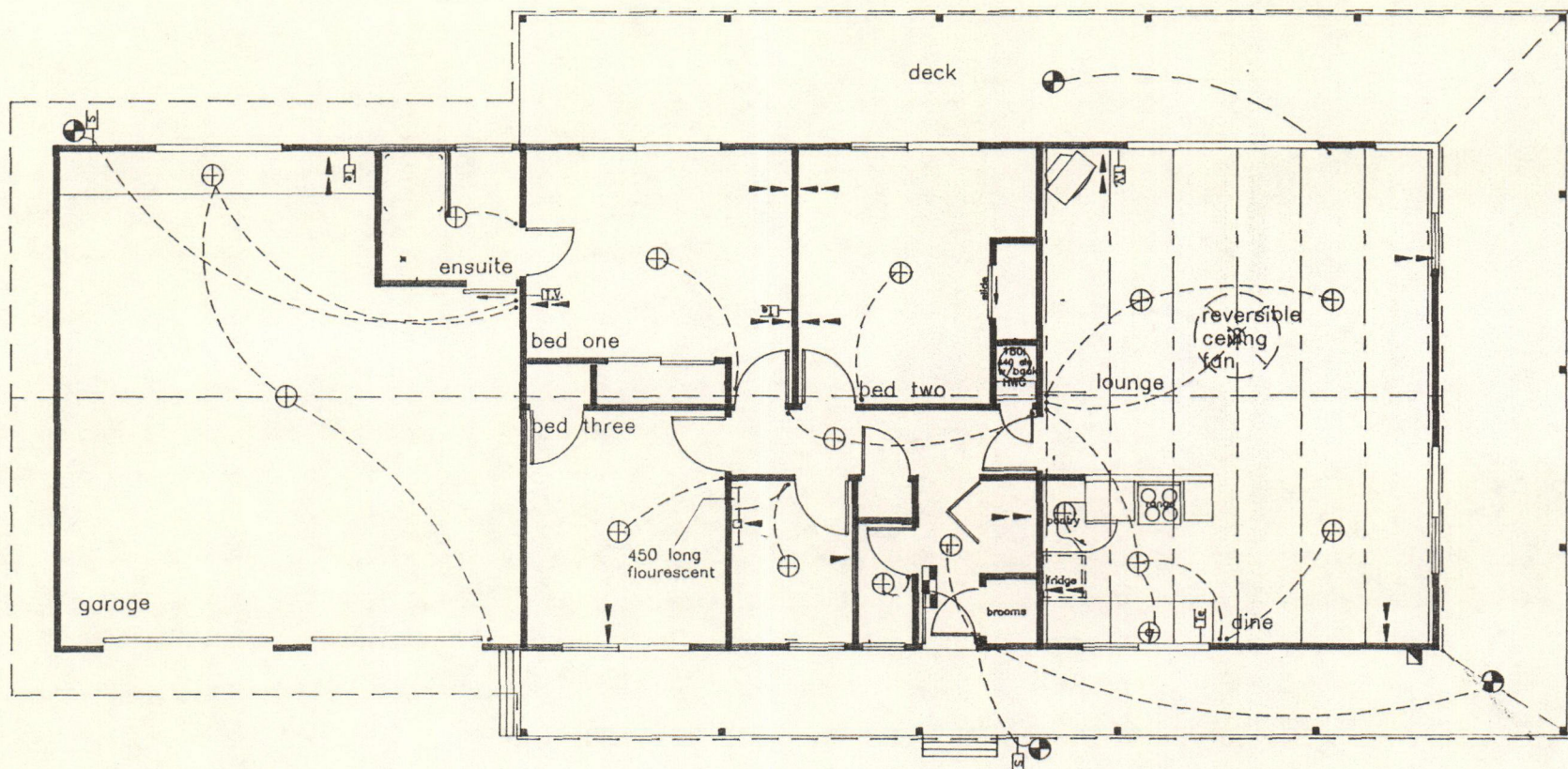
PILE TYPE	H	E	BEARER/PILE FIXING	BEARER/JOIST FIXING	BU
ANCHOR	552	800	M12 BOLT or 12kN FIXING	M12 BOLT or 12kN FIXING	160
BRACED	3000	350	M12 BOLT or 12kN FIXING	2/8kN FIXINGS	160*
CANTILEVER	600	350	M12 BOLT or 8kN FIXING	8kN FIXING	30
ORDINARY	3000	100	2/GALV. U-NAILS + 2/100X4 GALV NAILS	N/A	N/A



* WITH BRACES TO 4.7.5 NZS 3604:1991
ALL PILE DEPTHS SHOWN ARE MINIMUM AND MUST BE INTO FIRM BEARING
ANCHOR PILES & BRACED PILES MAY BE INTERCHANGED WHERE "H" IS COMPLIED WITH
MINIMUM HEIGHT OF PILES ABOVE g.l. WITH DPC IS 150mm
MINIMUM HEIGHT OF PILES ABOVE g.l. WITHOUT DPC IS 300mm

shoosmith house
mill bay
foundation layout 1:100

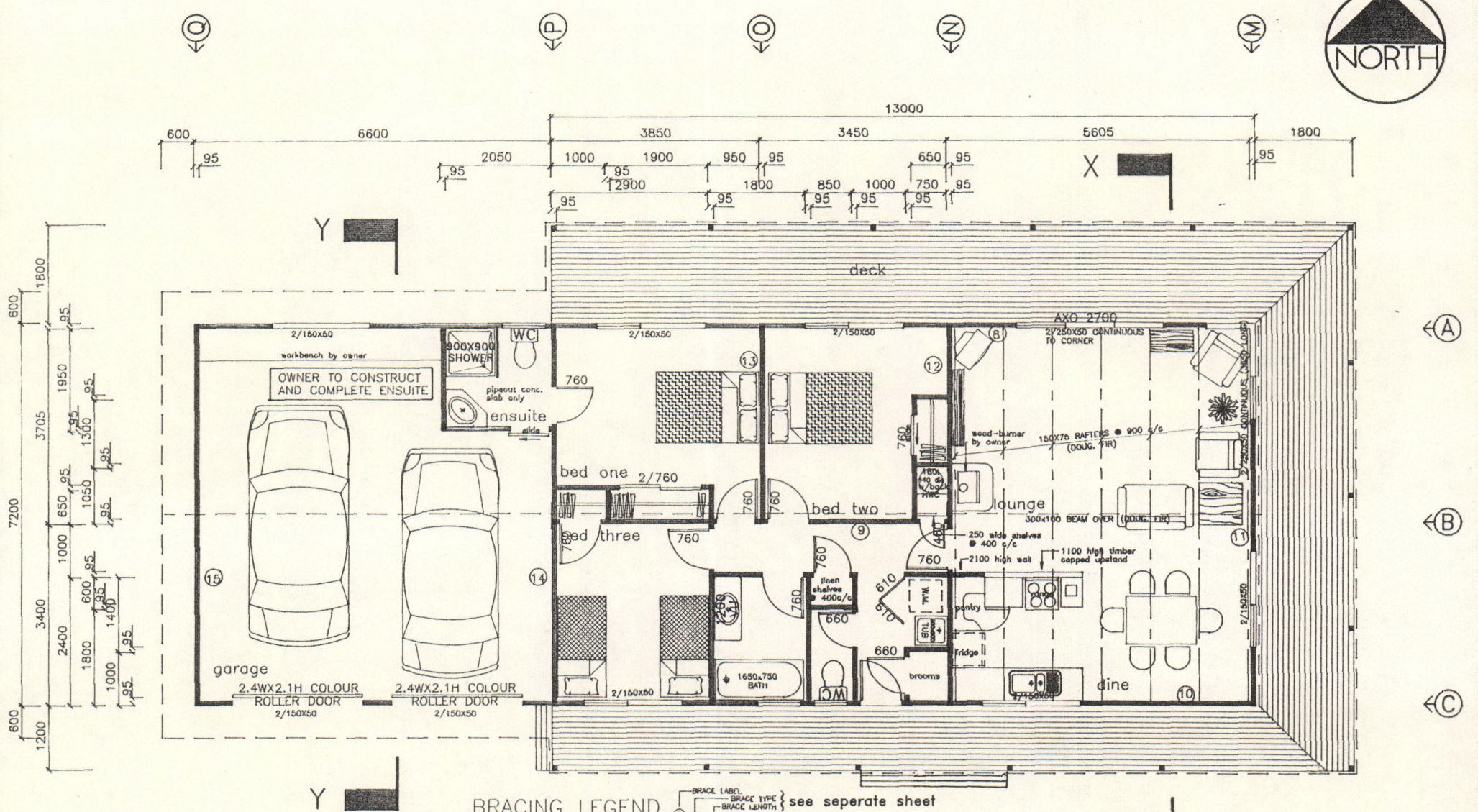
NORTHWOOD
DESIGN & CONSTRUCTION
BOX 200 MANGONUI NORTHLAND Ph. (09) 406 0999



shoosmith house
mill bay
electrical layout 1:100

ELECTRICAL LEGEND	
	DBLE. POWER POINT
	SGLE. POWER POINT
	WALL LIGHT AND SWITCH
	LIGHT CIRCUIT AND SWITCH
	DISTRIBUTION BOARD
	METER BOARD
	T.V. AERIAL POINT
	SHAVER POINT
	EXT. LIGHT AND SWITCH
	SENSOR
	TELEPHONE JACK

NORTHWOOD
DESIGN & CONSTRUCTION
BOX 200 MANGONUI NORTHLAND Ph. (09) 406 0999



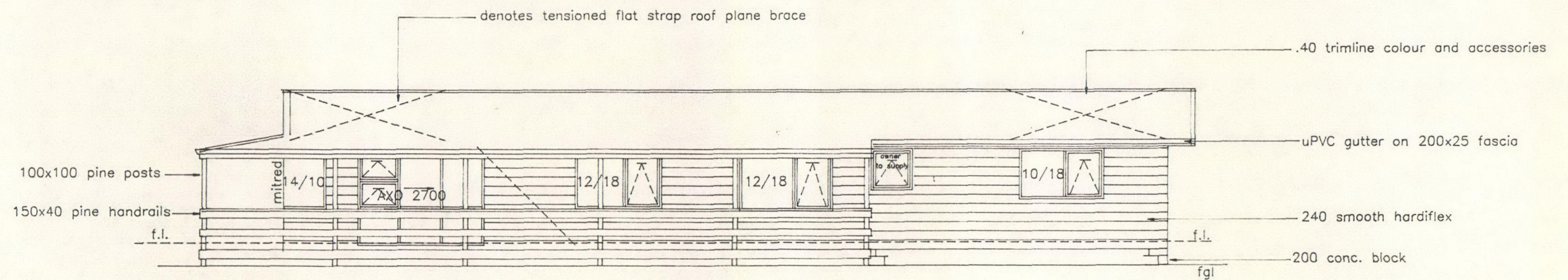
shoosmith house
mill bay
floor plan 1:100

floor area = 93.6 m²
garage area = 47.5 m²
deck area = 57.4 m²

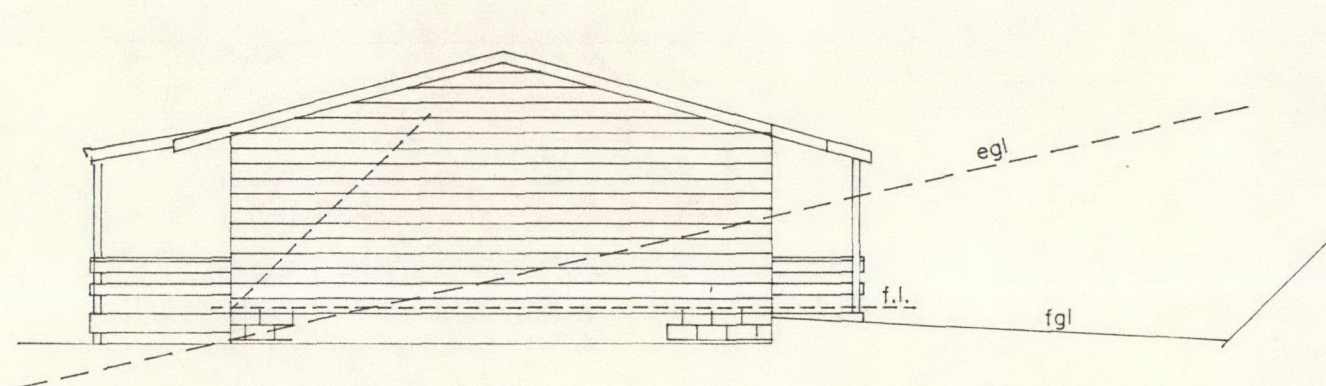
NOTE:
ALL DIMENSIONS IN MILLIMETRES
CHECK ALL DIMENSIONS ON SITE
ALL CONSTRUCTION TO NZS3604:1990
ALL INSULATION TO NZS4214 & 4218

BRACING LEGEND	
TYPE	BRACE TYPE
1. 9.5 GIB. BO. ONE FACE	DIAGONAL BRACE
2. 9.5 GIB. BO. BOTH FACES	DIAGONAL BRACE
3. 9.5 GIB. BO. BOTH FACES	DIAGONAL BRACE
4. SHEET BRACE TO K4 (e.g. 7.5 PLY)	N/A
5. SHEET BRACE TO K4 (e.g. 7.5 PLY)	N/A
6. DIAGONAL BRACING TO K4	N/A
7. REINFORCED CONCRETE OR BLOCKS	N/A
BR1 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR2 BRACELINE TO ONE FACE VERT. FIXING	N/A
BR3 BRACELINE TO ONE FACE HOR. FIXING	N/A
BR4 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR5 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR6 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR7 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR8 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR9 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR10 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR11 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR12 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR13 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR14 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR15 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR16 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR17 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR18 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR19 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR20 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR21 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR22 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR23 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR24 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR25 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR26 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR27 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR28 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR29 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR30 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR31 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR32 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR33 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR34 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR35 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR36 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR37 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR38 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR39 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR40 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR41 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR42 BRACELINE TO ONE FACE	DIAGONAL BRACE
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BR46 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR47 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR48 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR49 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR50 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR51 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR52 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR53 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR54 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR55 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR56 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR57 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR58 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR59 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR60 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR61 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR62 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR63 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR64 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR65 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR66 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR67 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR68 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR69 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR70 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR71 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR72 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR73 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR74 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR75 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR76 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR77 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR78 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR79 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR80 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR81 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR82 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR83 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR84 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR85 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR86 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR87 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR88 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR89 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR90 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR91 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR92 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR93 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR94 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR95 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR96 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR97 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR98 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR99 BRACELINE TO ONE FACE	DIAGONAL BRACE
BR100 BRACELINE TO ONE FACE	DIAGONAL BRACE

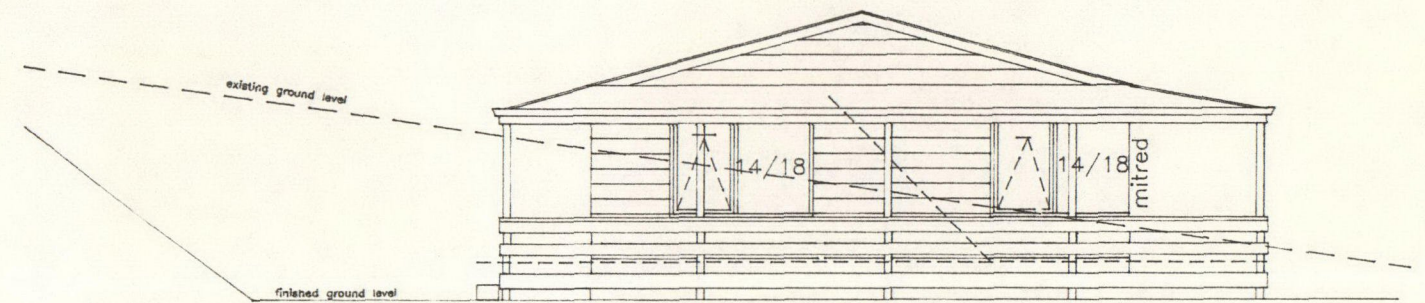
NORTHWOOD
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BOX 200 MANGONUI NORTHLAND Ph. (09) 406 0999



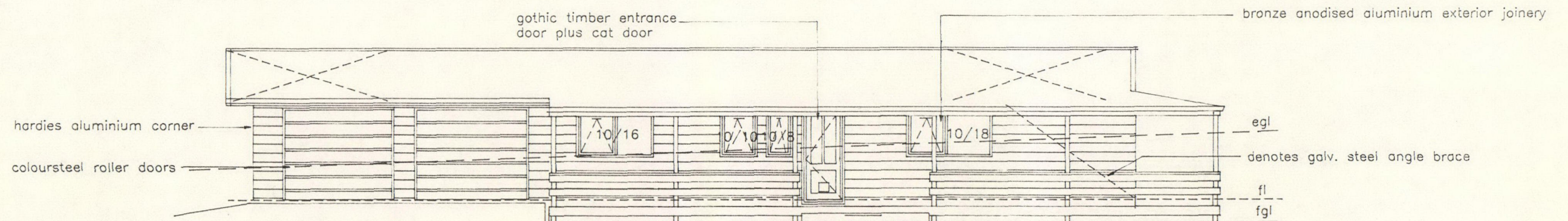
north 1:100



west 1:100

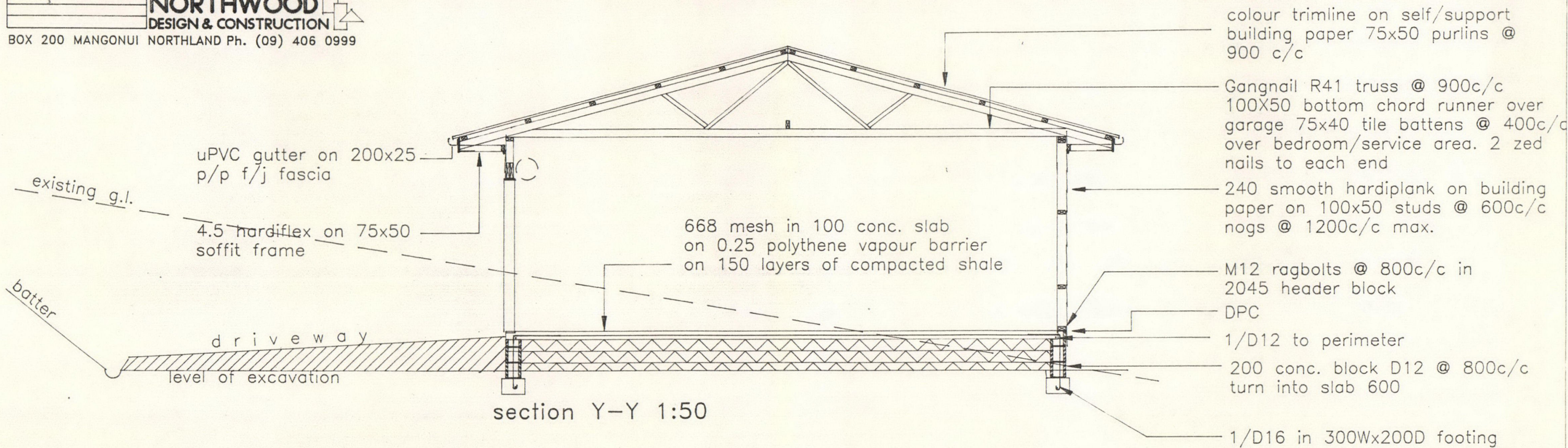


east 1:100



south 1:100

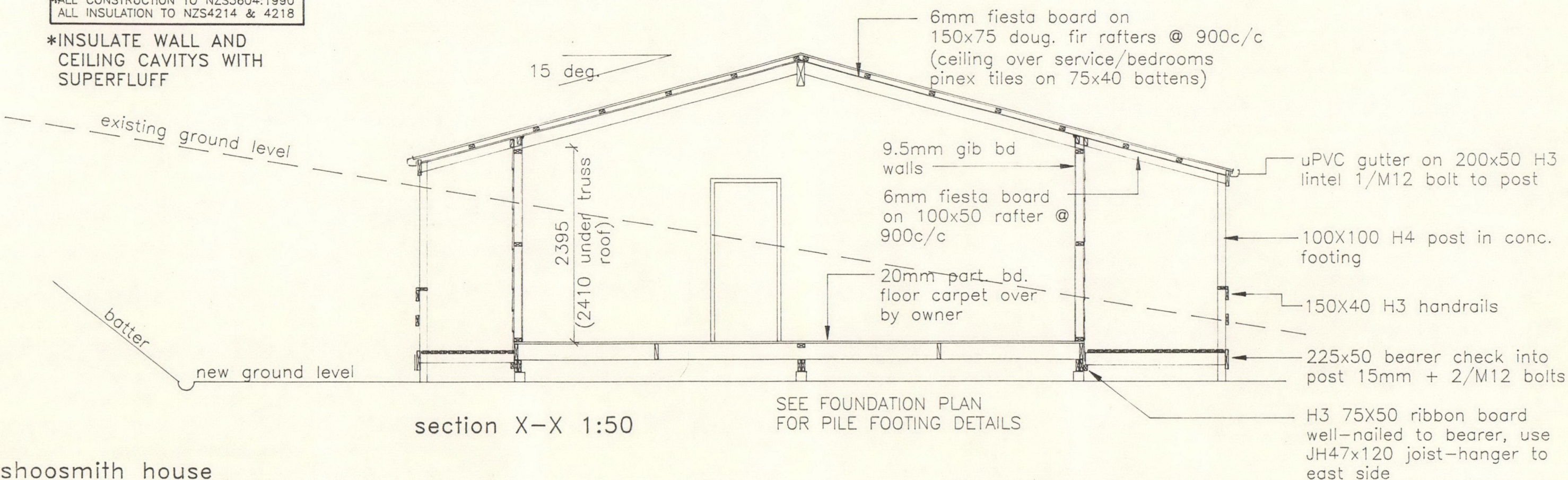
shoosmith house
mill bay

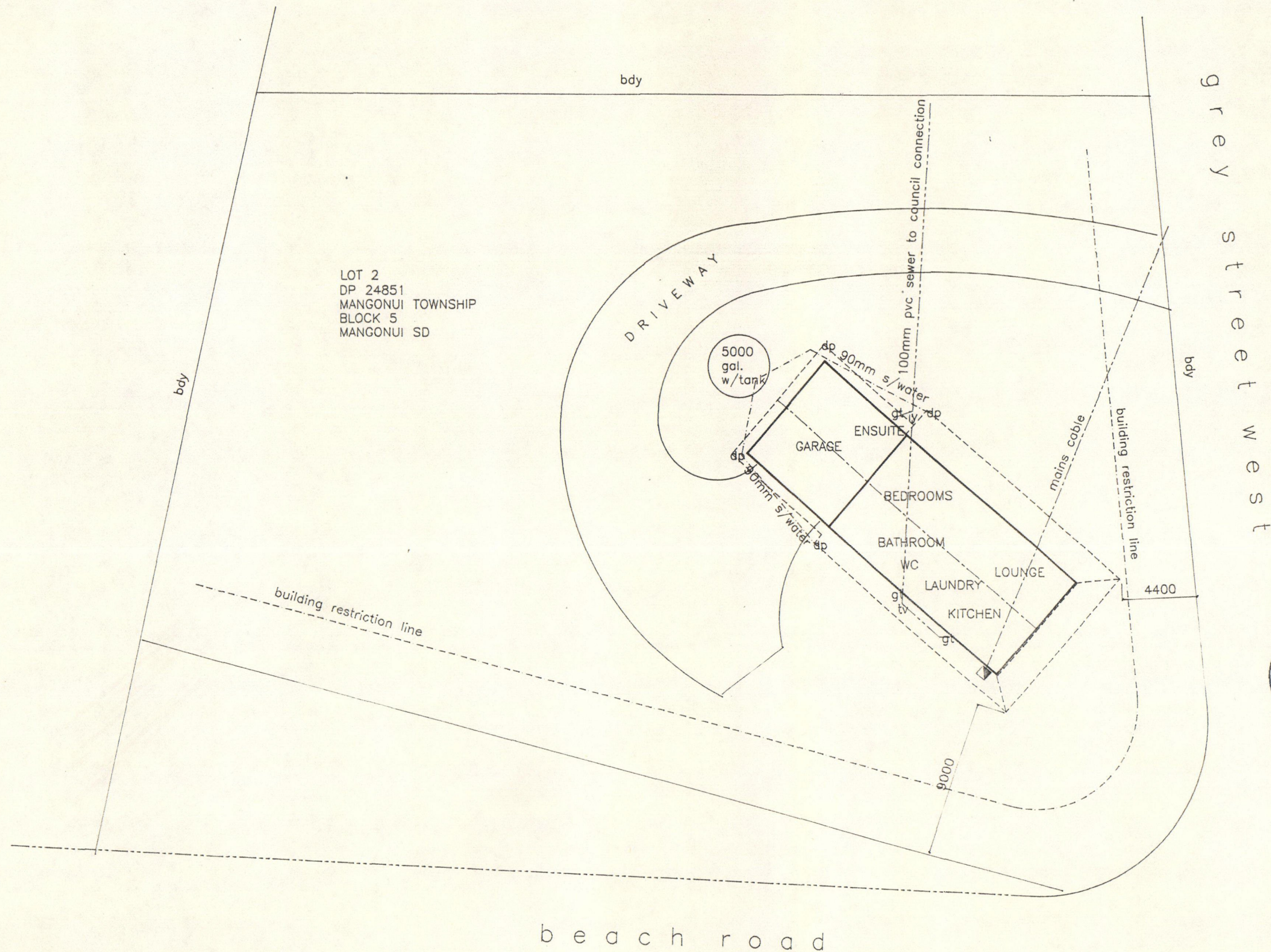


NOTE !

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CHECK ALL DIMENSIONS ON SITE
*ALL CONSTRUCTION TO NZS3604:1990
ALL INSULATION TO NZS4214 & 4218

*INSULATE WALL AND CEILING CAVITYS WITH SUPERFLUFF

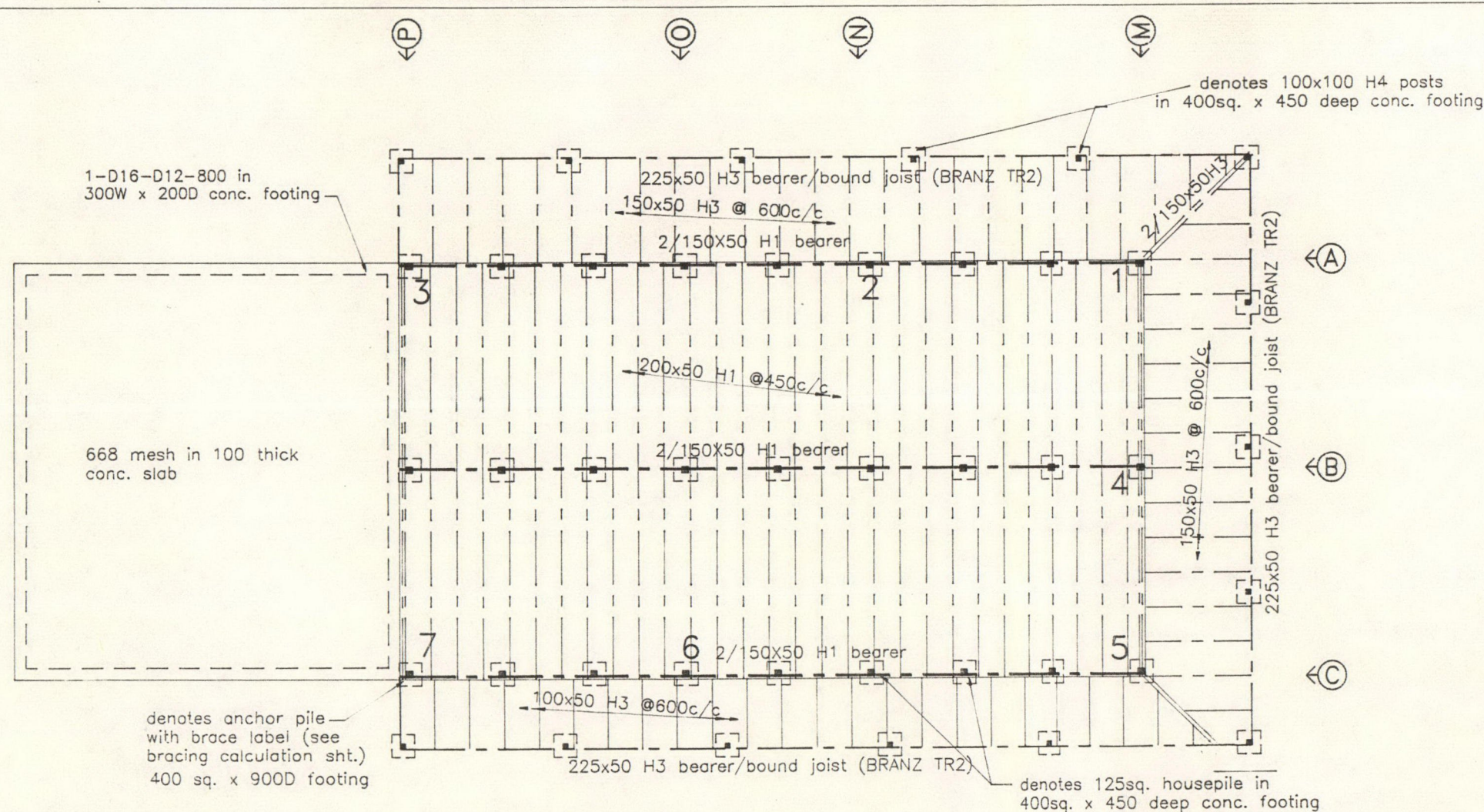




shoosmith house
mill bay
proposed site layout 1:250

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NORTHWOOD
DESIGN & CONSTRUCTION
BOX 200 MANGONUI NORTHLAND Ph. (09) 406 0999



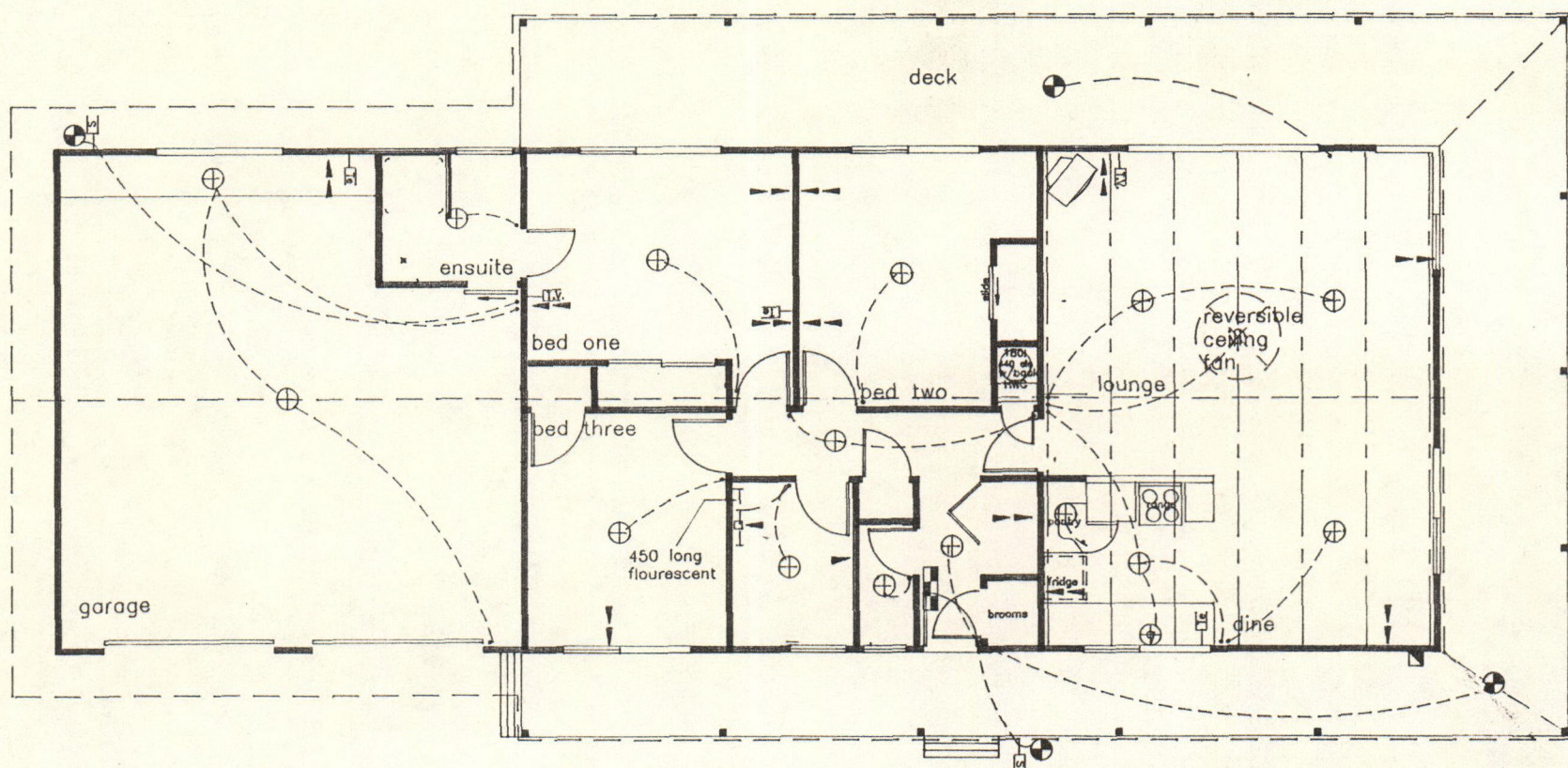
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PILE DETAILS TO NZS 3604:1990					
PILE TYPE	H	E	BEARER/PILE FIXING	BEARER/JOIST FIXING	BU
ANCHOR	552	800	M12 BOLT or 12kN FIXING	M12 BOLT or 12kN FIXING	160
BRACED	3000	350	M12 BOLT or 12kN FIXING	2/6kN FIXINGS	160*
CANTILEVER	600	350	M12 BOLT or 6kN FIXING	6kN FIXING	30
ORDINARY	3000	100	2/GALV. U-NAILS + 2/100x4 GALV NAILS	N/A	N/A

* WITH BRACES TO 4.7.5 NZS 3604:1991
ALL PILE DEPTHS SHOWN ARE MINIMUM AND MUST BE INTO FIRM BEARING
ANCHOR PILES & BRACED PILES MAY BE INTERCHANGED WHERE 'H' IS COMPLIED WITH
MINIMUM HEIGHT OF PILES ABOVE g.l. WITH DPC IS 150mm
MINIMUM HEIGHT OF PILES ABOVE g.l. WITHOUT DPC IS 300mm

shoosmith house
mill bay
foundation layout 1:100

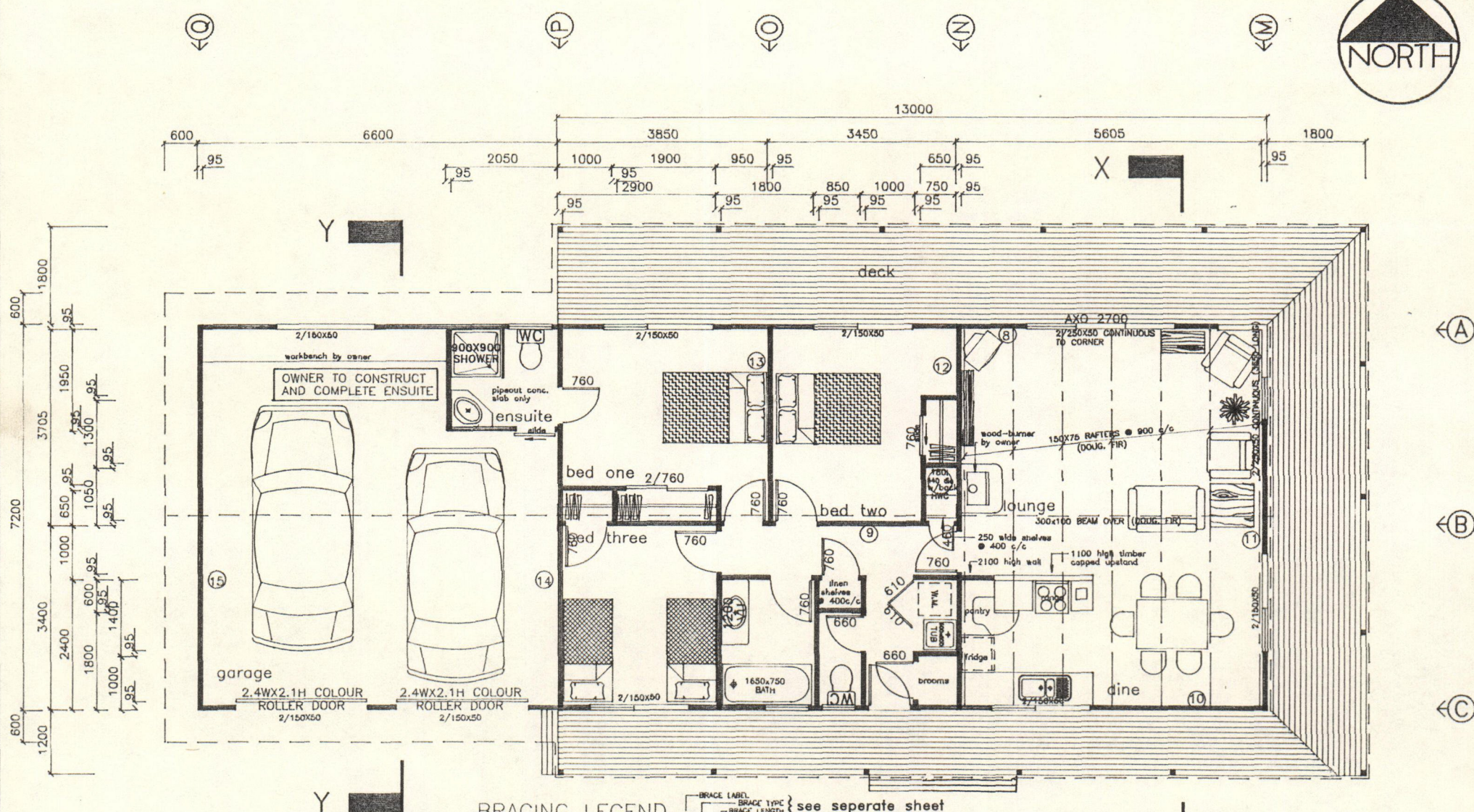
NORTHWOOD
DESIGN & CONSTRUCTION
BOX 200 MANGONUI NORTHLAND Ph. (09) 406 0999



shoosmith house
mill bay
electrical layout 1:100

ELECTRICAL LEGEND	
	DBLE. POWER POINT
	SGLE. POWER POINT
	WALL LIGHT AND SWITCH
	LIGHT CIRCUIT AND SWITCH
	DISTRIBUTION BOARD
	METER BOARD
	T.V. AERIAL POINT
	SHAVER POINT
	EXT. LIGHT AND SWITCH
	SENSOR
	TELEPHONE JACK

NORTHWOOD
DESIGN & CONSTRUCTION
BOX 200 MANGONUI NORTHLAND Ph. (09) 406 0999



shoosmith house
mill bay
floor plan 1:100

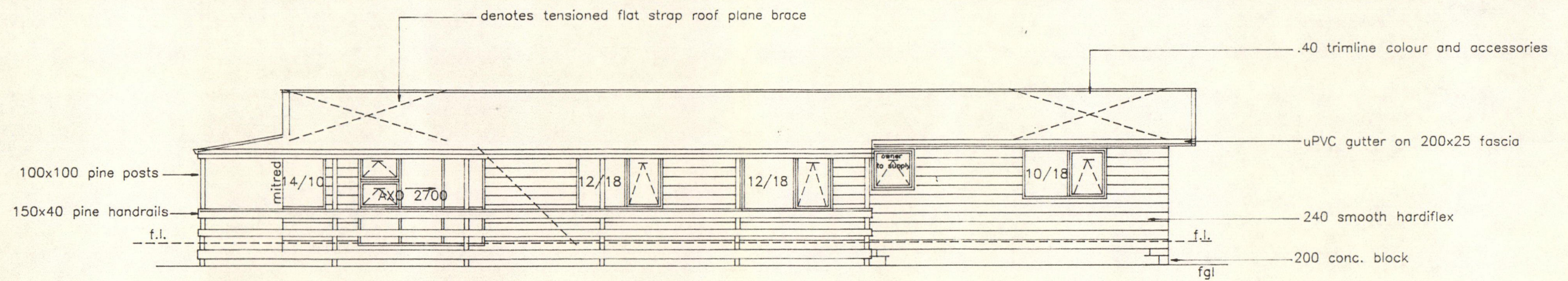
floor area = 93.6 m²
garage area = 47.5 m²
deck area = 57.4 m²

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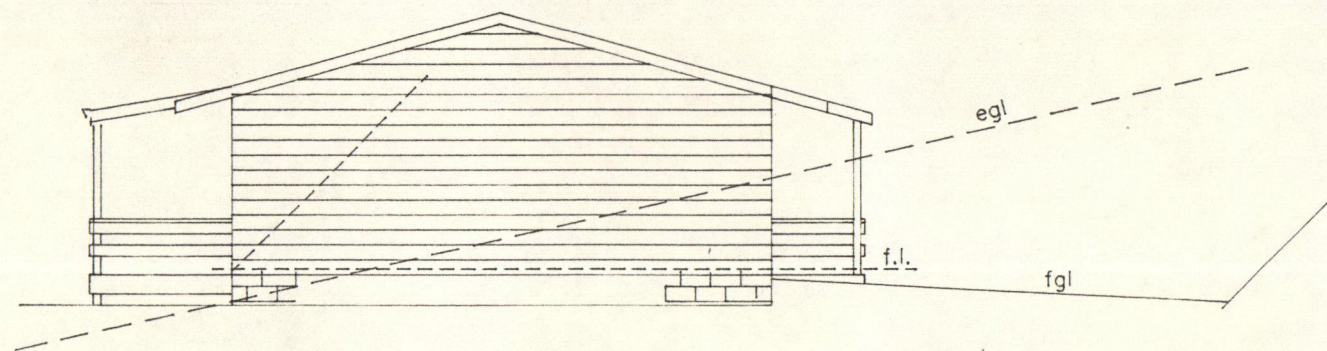
BRACING LEGEND		
TYPE	BRACE LABEL	BRACE LENGTH
G1 8.5 GIB. BD. ONE FACE	DIAGONAL BRACE	1.8-2.4 62
G2 8.5 GIB. BD. BOTH FACES	DIAGONAL BRACE	2.4-2.4 82
G3 8.5 GIB. BD. BOTH FACES	N/A	2.4-2.4 82
G4 SHIELD BRACE TO K4 (e.g. 7.5 PLY)	N/A	0.9-1.8 16
G5 SHIELD BRACE TO K4 (e.g. 7.5 PLY)	N/A	1.8-2.4 81
G6 DIAGONAL BRACING TO G3	N/A	1.8-2.4 81
G7 REINFORCED CONCRETE OR BLOCKS	N/A	1.8-2.4 81
BR1 BRACELINE TO ONE FACE	DIAGONAL BRACE	1.8-2.4 62
BR2 BRACELINE TO ONE FACE VERT. FIXING	N/A	2.4-2.4 81
BR3 BRACELINE TO ONE FACE HOR. FIXING	N/A	2.4-2.4 81
BR4 BRACELINE TO ONE FACE	DIAGONAL BRACE	1.8-2.4 62
BR5 BRACELINE TO ONE FACE	DIAGONAL BRACE	1.8-2.4 62
BR6 BRACELINE TO ONE FACE GIB. BD. OTHER SIDE STRAP BOTH SIDES	METAL STRAP TO K4.5	0.9-2.4 81
BR7 BRACELINE TO ONE FACE 7.5 PLY OTHER SIDE STRAP BOTH SIDES	METAL STRAP TO K4.5	1.2-2.4 88
NOTE: ALL SHEETS MUST BE NAILED AT 150 c/c TO PERIMETER AND 300 c/c TO INTERMEDIATE FIXINGS		

* WINDONIC WALLBOARDS-GIBLARTER BOARD WALL BRACING SYSTEMS 1991

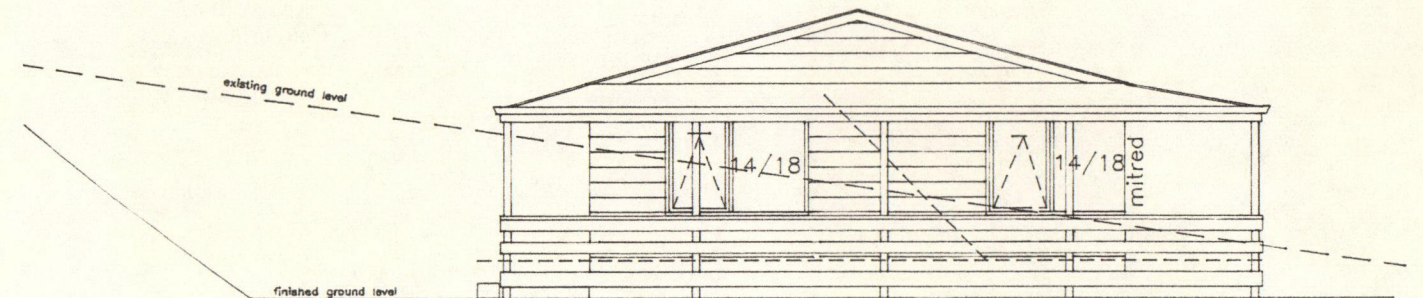
NORTHWOOD
DESIGN & CONSTRUCTION
BOX 200 MANGONUI NORTHLAND Ph. (09) 406 0999



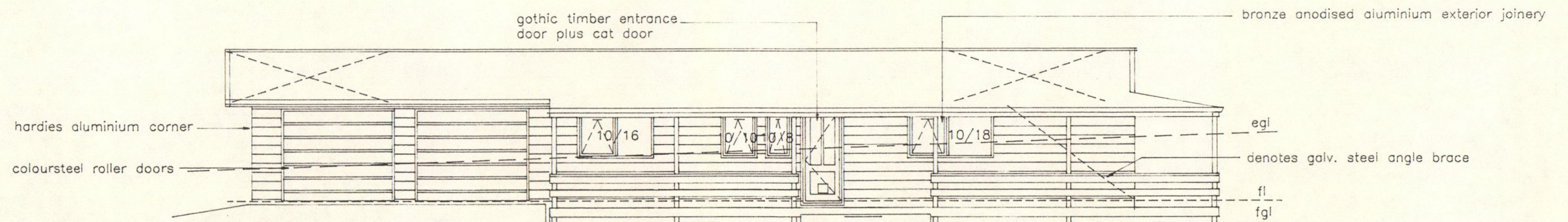
north 1:100



west 1:100

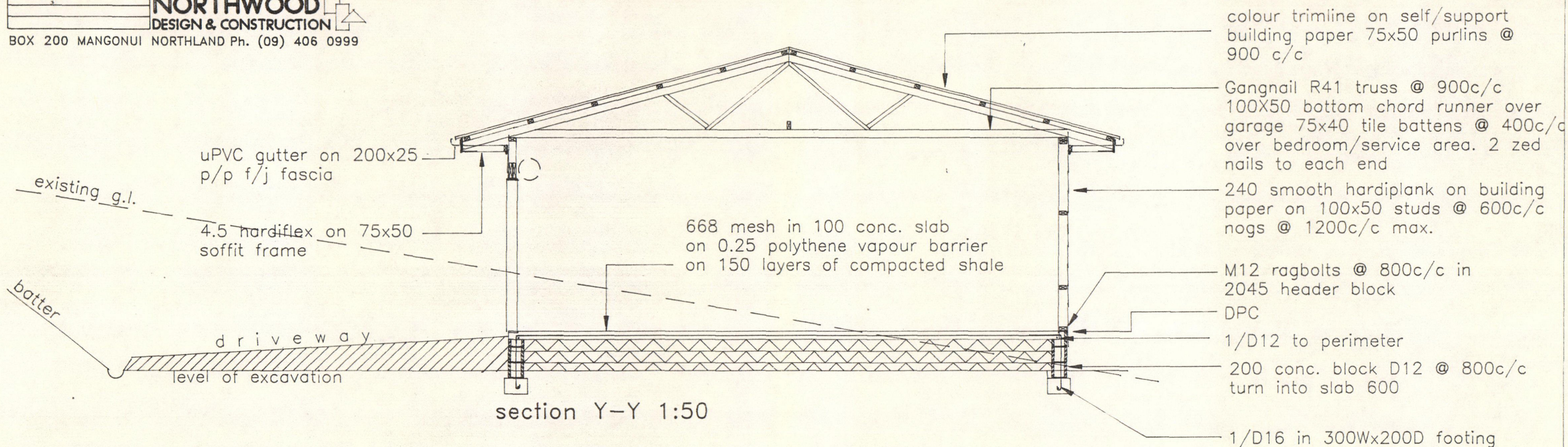


east 1:100



south 1:100

shoosmith house
mill bay



NOTE !

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*INSULATE WALL AND CEILING CAVITY WITH SUPERFLUFF

