

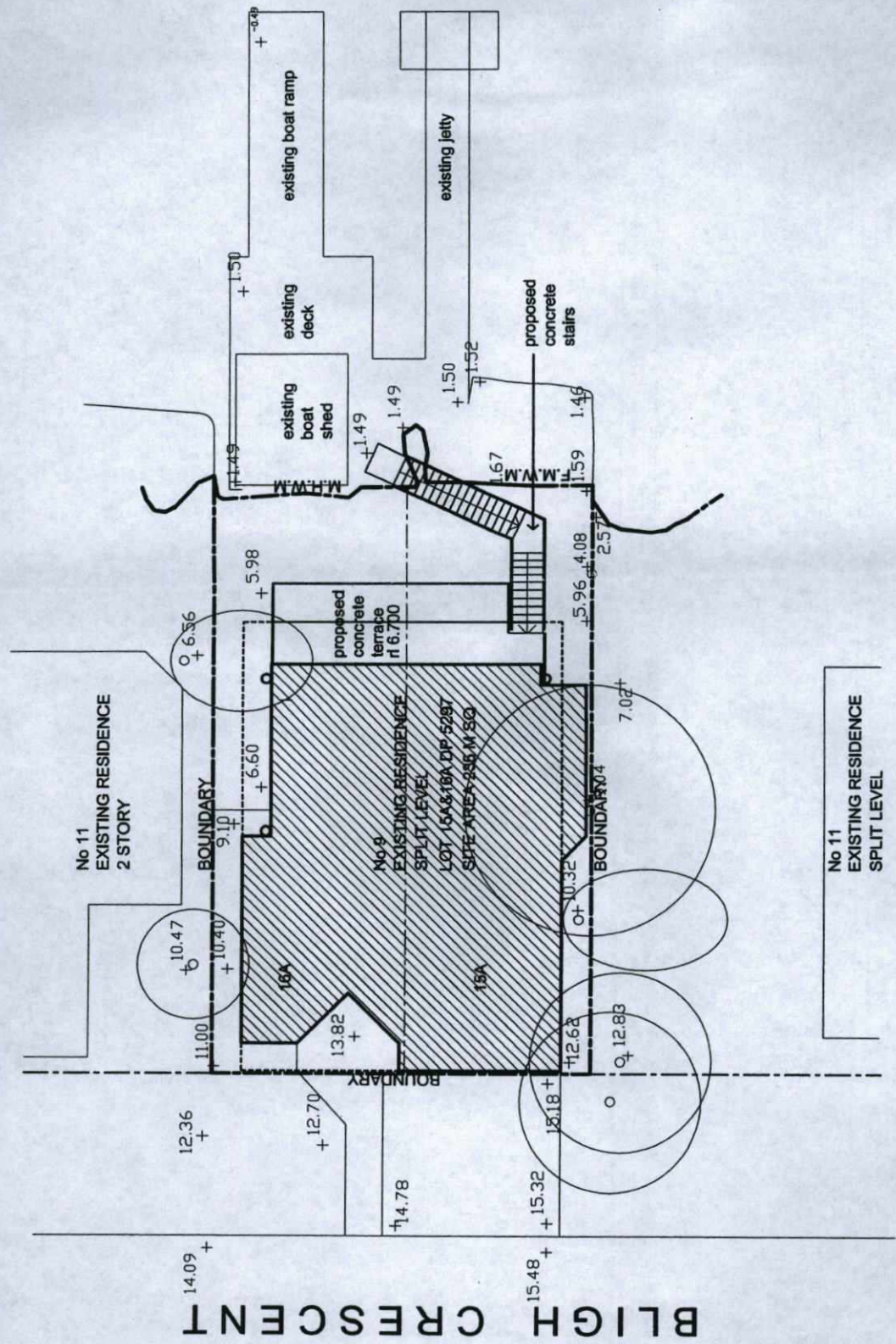
We will not issue a Final Occupancy Certificate unless compliance is met.

MODIFICATION OF PLANS MAY
NEED A SECTION 96 & A NEW
CONSTITUTION CERTIFICATE
BEFORE STARTING ON ANY
CHANGES

PRIVATE CERTIFIERS AUSTRALIA
Construction Cert. No: Approved Date:
090275 30/11/09
Certifying Authority: Grant Harrington
Accreditation No: BPB0170

"These plans form part of and are to be read in conjunction with the conditions of consent. Please make yourself aware of your legal position. Mandatory inspections are applicable."

Received on 16 NOV 2009



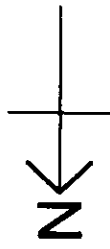
MIDDLE HARBOR

(POWDER HULK BAY)

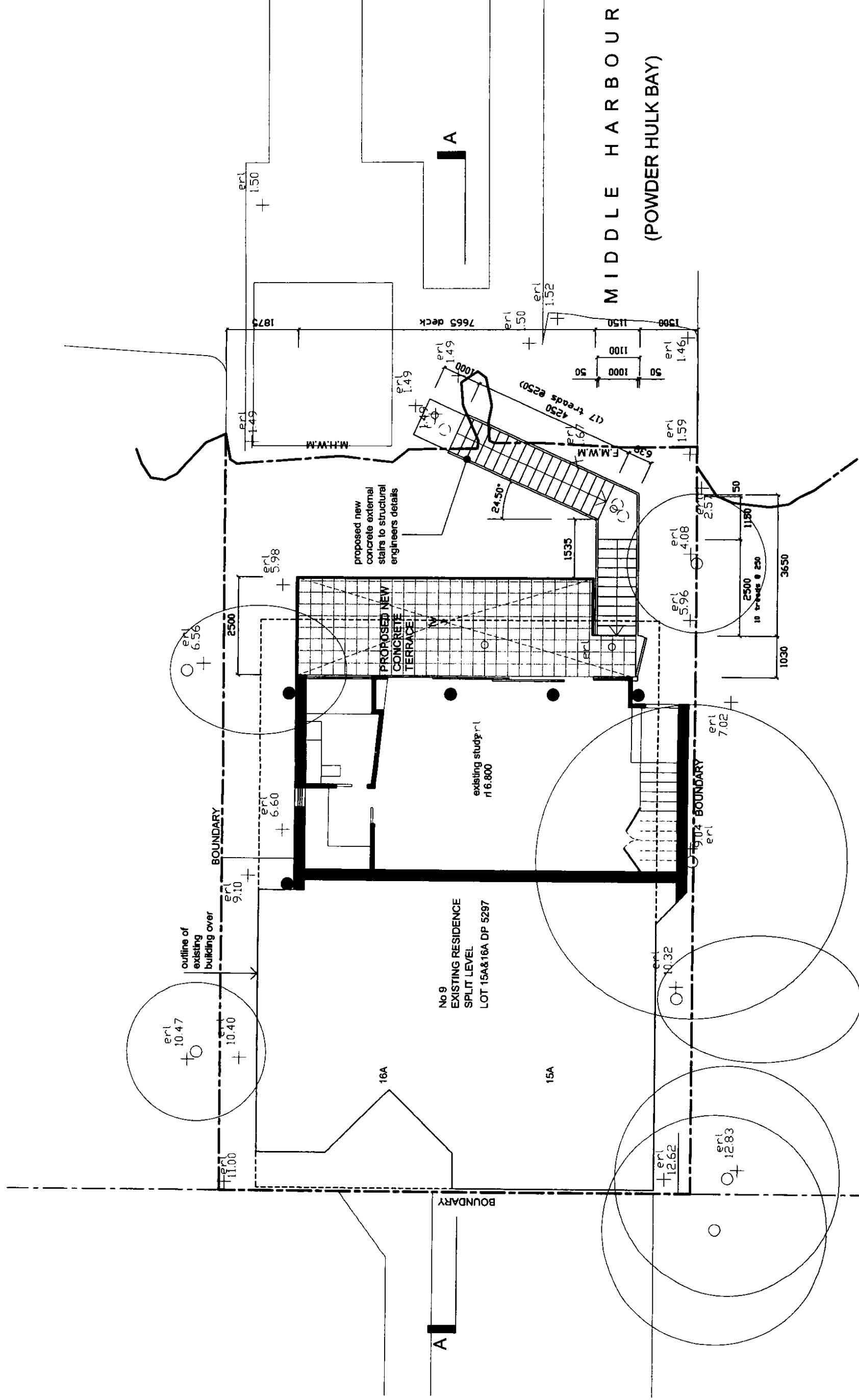
1. Public Health Board in relation to Sydney Water Board's operations.
2. Other matters relating to Sydney Water Board's operations.
3. Information relating to the Board's financial position and the Board's financial statements.
4. Any other matters which the Board may consider to be in the public interest.
5. General Administration of the Board's affairs.
6. Property of the Board.

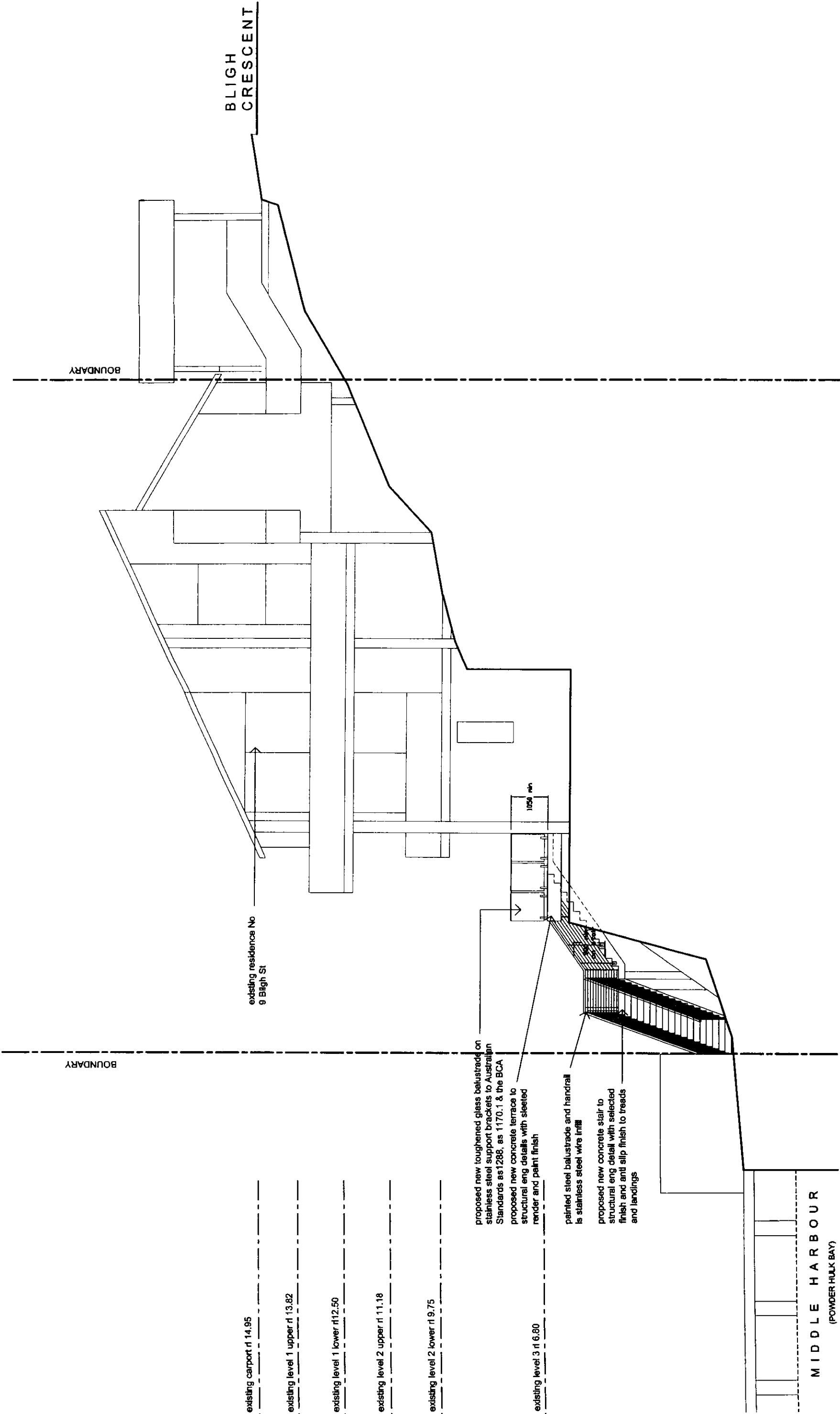
Rece. Book No.

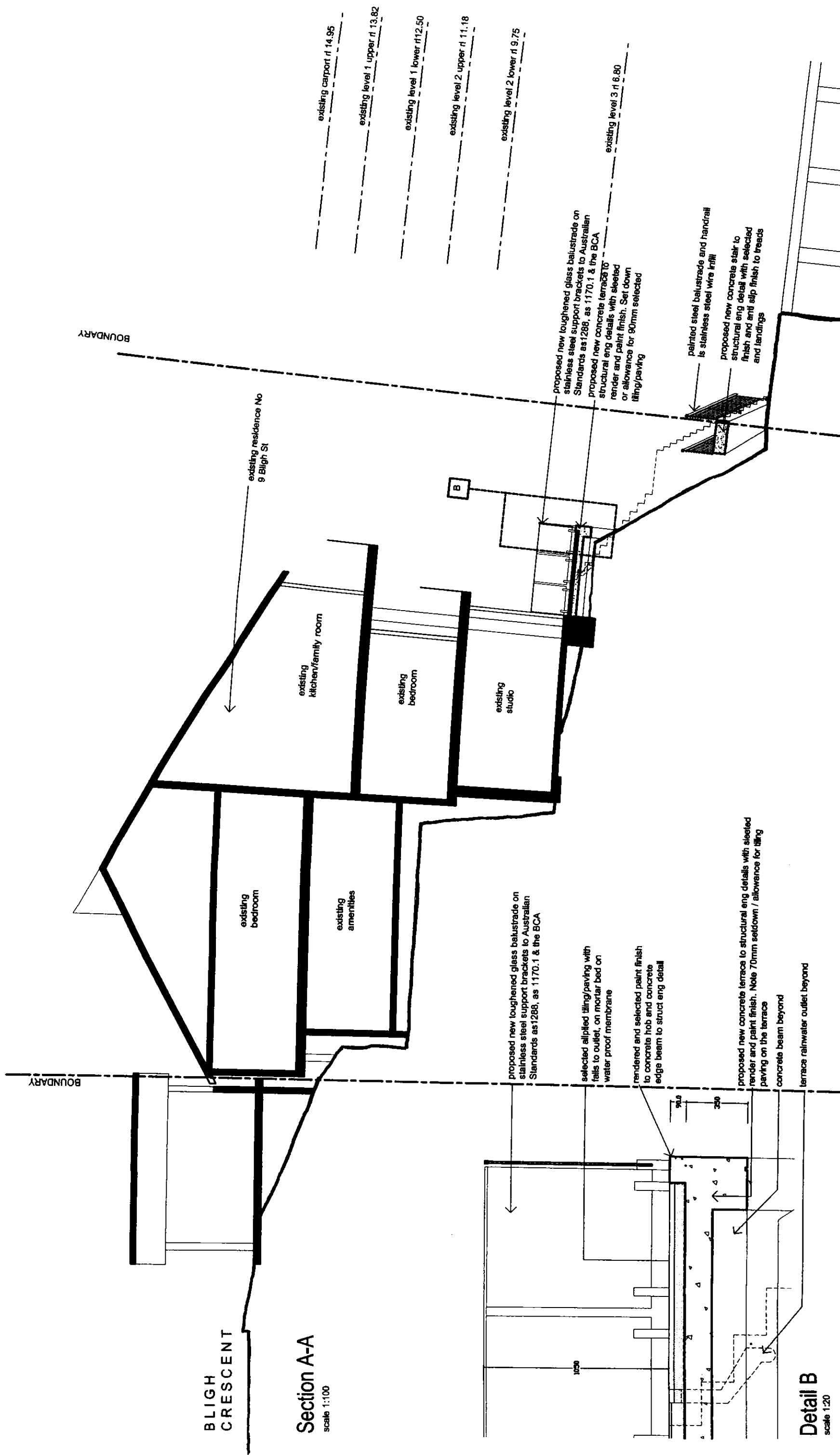
REC-271189



BLIGH CRESCENT







BLIGH
CRESCENT

Section A-A

scale 1:100

Detail B

scale 1:20

Kira Robson
architect

Registration No. 7694
PO BOX 178, Keegan Place, Forestville NSW 2087
P (02) 94521467 M 0425 307 394 E kirarobson@kirarobson.com.au

PROJECT
New Terrace to
9 Bligh Crescent, Seaford

REVISION
A

DATE
12-11-09

FOR
Construction Certificate

Section

SCALE
1:100

DATE

JUNE 2009

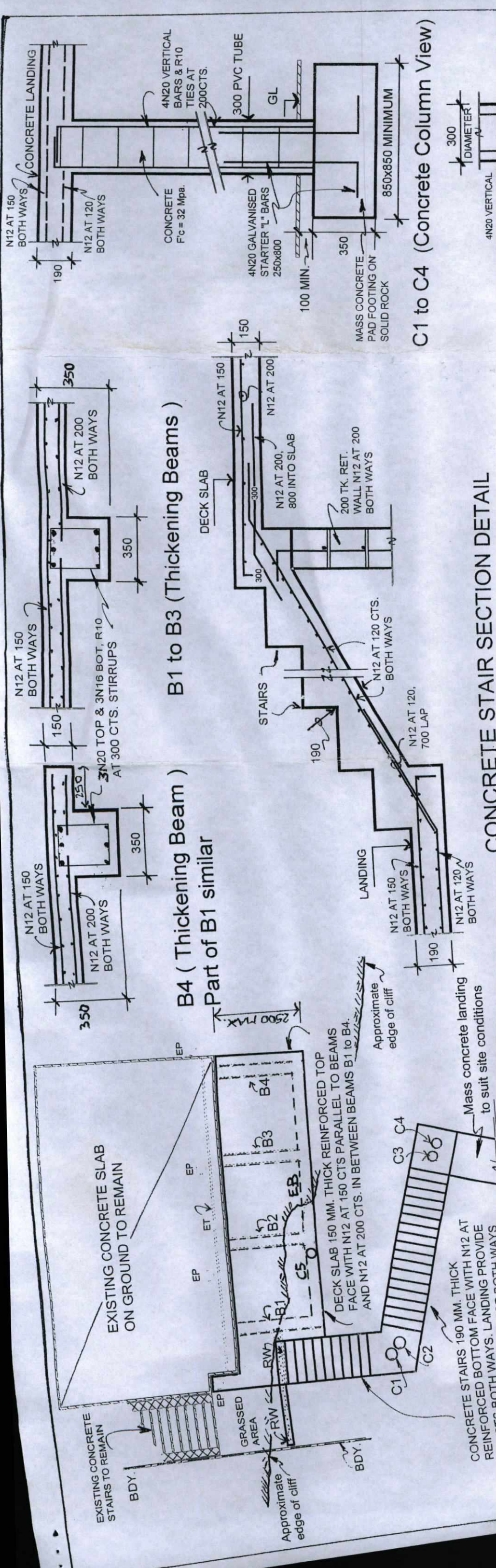
JOB No

108

CLIENTS
Mark & Dianne Spiers

CC 06 /A

DWG No



DECK SLAB AND STAIRS FLOOR PLAN LAYOUT

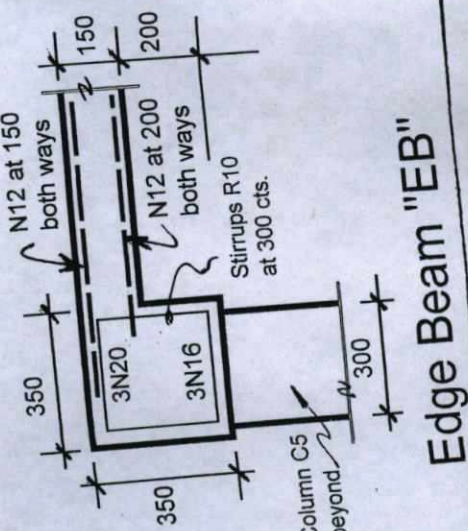
REFER TO SECTIONS DETAILS

EP = EXISTING POSTS BELOW GROUND TO REMAIN

ET = EXISTING EDGE THICKENING AND BENT GALVANISED STARTER BARS TO REMAIN

C1 to C5 = 300 DIAMETER STANDARD DUTY PVC TUBE INFILL WITH CONCRETE AND REINFORCED WITH 4N20 VERTICAL BARS & R10 TIES AT 200 CENTRES

RW = 200 MM. THICK CONCRETE OR BLOCKWORK RETAINING WALL REINFORCED WITH N12 AT 200 BOTH WAYS



CONCRETE STAIR SECTION DETAIL

NOTES:

ALL SET OUT DIMENSIONS TO BE CHECKED AND MARKED UP ON SITE PRIOR TO ANY WORKS BEING COMMENCED ON SITE.

BOTTOM FACE OF COLUMNS OR FOOTINGS SHALL BEAR ON NATURAL UNIFORM FOUNDATION MATERIAL, SHALE OR BEDROCK. THE BEARING MATERIAL SHALL BE VERIFIED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO POSITIONING THE COLUMN AND BE REINFORCED.

PLEASE NOTE THAT IN THIS DRAWING IT IS SHOWN TWO DIFFERENT ALTERNATIVES FOR THE COLUMN BASE. ONE IS WITH A MASS CONCRETE FOOTING THE OTHER WITH THE COLUMN BEING ON TOP OF THE LAYER OF ROCK. GEOTECHNICAL ENGINEER TO ADVISE BUILDER WHICH ONE OF THESE TWO ALTERNATIVES IS SUITABLE DUE TO SITE CONDITIONS.

COLUMN STARTER BARS OR DOWELS TO BE HOT DIP GALVANIZED.

CONCRETE COVER FOR STEEL REINFORCEMENT FOR THE COLUMNS TO BE 25 MM. AND FOR THE DECK SLAB, BEAMS AND STAIRS TO BE 35 MM.

FOR ALL MEMBERS CONCRETE QUALITY TO BE $f'_{c} = 32$ Mpa, MAXIMUM AGGREGATE SIZE 20 MM. AND SLUMP OF 80 MM.

DECK SLAB TO BE BUILT ON FILLING OR NATURAL SOIL FORMWORK OR ON PLYWOOD WITH BEARERS AND PROPS FORMWORK AS REQUIRED.

TOP AND BOTTOM BARS FOR THE DECK SLAB THAT ARE POSITIONED PARALLEL TO THE BEAMS B1 TO B4 SHALL BE SPLICED AND WELDED TO THE REINFORCED BARS LEFT HANGING OUT FROM THE STUDIO SLAB. THESE BARS SHALL BE COGGED 90 DEGREES AT THE OTHER END.

THE BOTTOM SECTION OF THE NEW RETAINING WALL SHALL BE 600 MM. MINIMUM INTO THE NATURAL SOIL IN ORDER TO PREVENT SLIDING OF THE WALL. OTHERWISE THE WALL MIGHT NEED TO BE TIED BACK TO THE STUDIO SLAB. SOLUTION TO BE ADOPTED TO SUIT SITE CONDITIONS.

PRIVATE CERTIFIERS AUSTRALIA
Construction Cert. No: Approved Date: 090275 30/11/09
Certifying Authority: Grant Harrington
Accreditation No: BPB0170

PROPOSED DECK AND EXTERNAL STAIRS ADDITIONS	C.H.E. ENGINEERING P/L 58 Oratava Ave, West Pennant Hills, 2125, NSW Phone & Fax : 9 873 5944
AT : 9 Bligh Crescent, Seaford, NSW, 2092	ENGINEER : Hugo Garcia B.E.M.I.E., Aust
FOR: Mr. and Mrs. Spiers	DATE: 10-11-2009 SHEET: 2 of 2
CONCRETE SLAB AND STAIRS FLOOR PLAN AND DETAILS	SCALE: 1:100 - 1:20 APPROVED: H.G.
	DWG No. : 1540 - 09 ISSUE : B