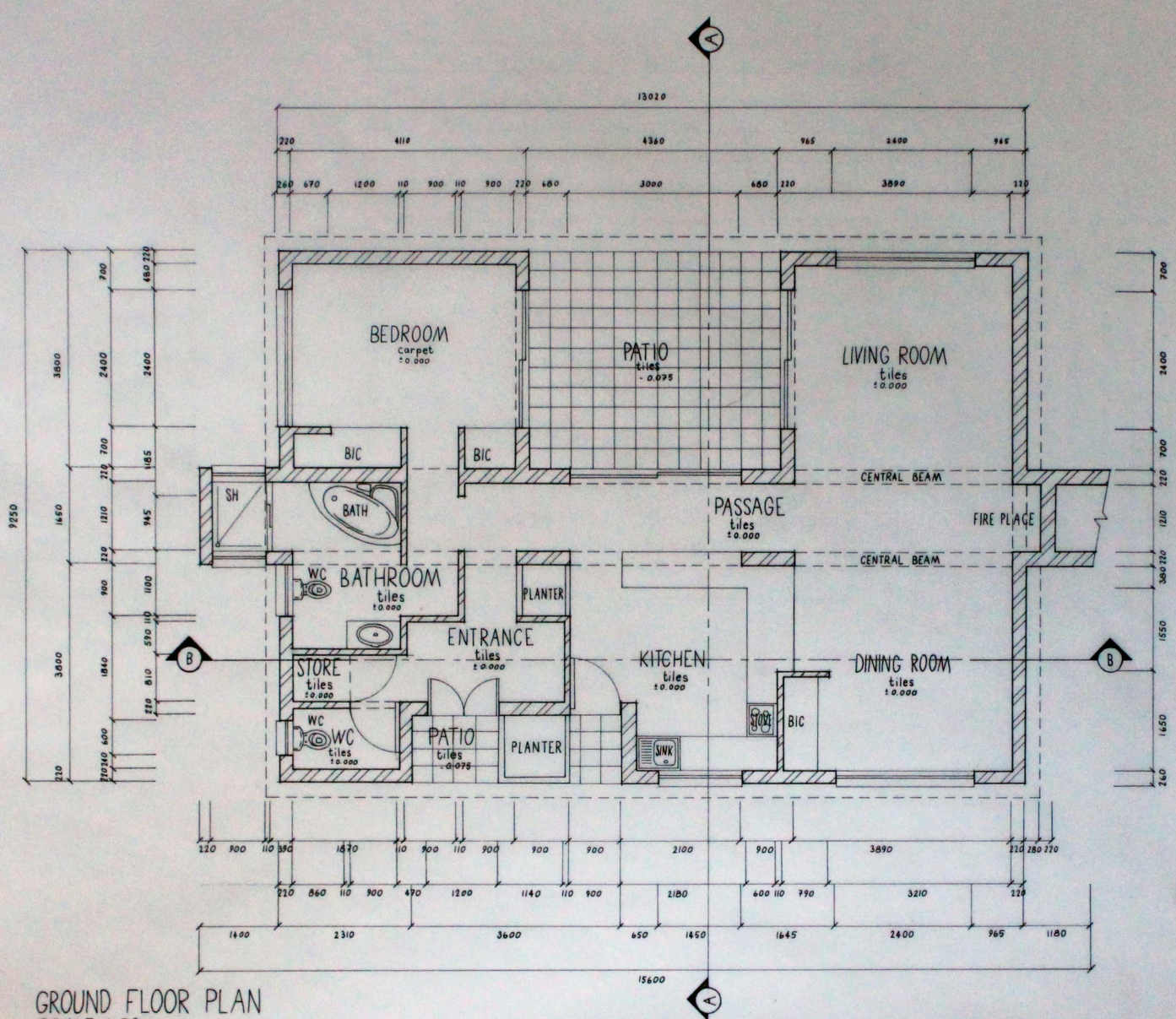
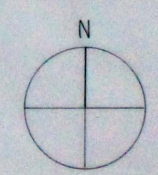


# **Draughting Portfolio**

**Julian Coetzee**  
**2015**



GROUND FLOOR PLAN  
SCALE 1:50



**NOTES:**

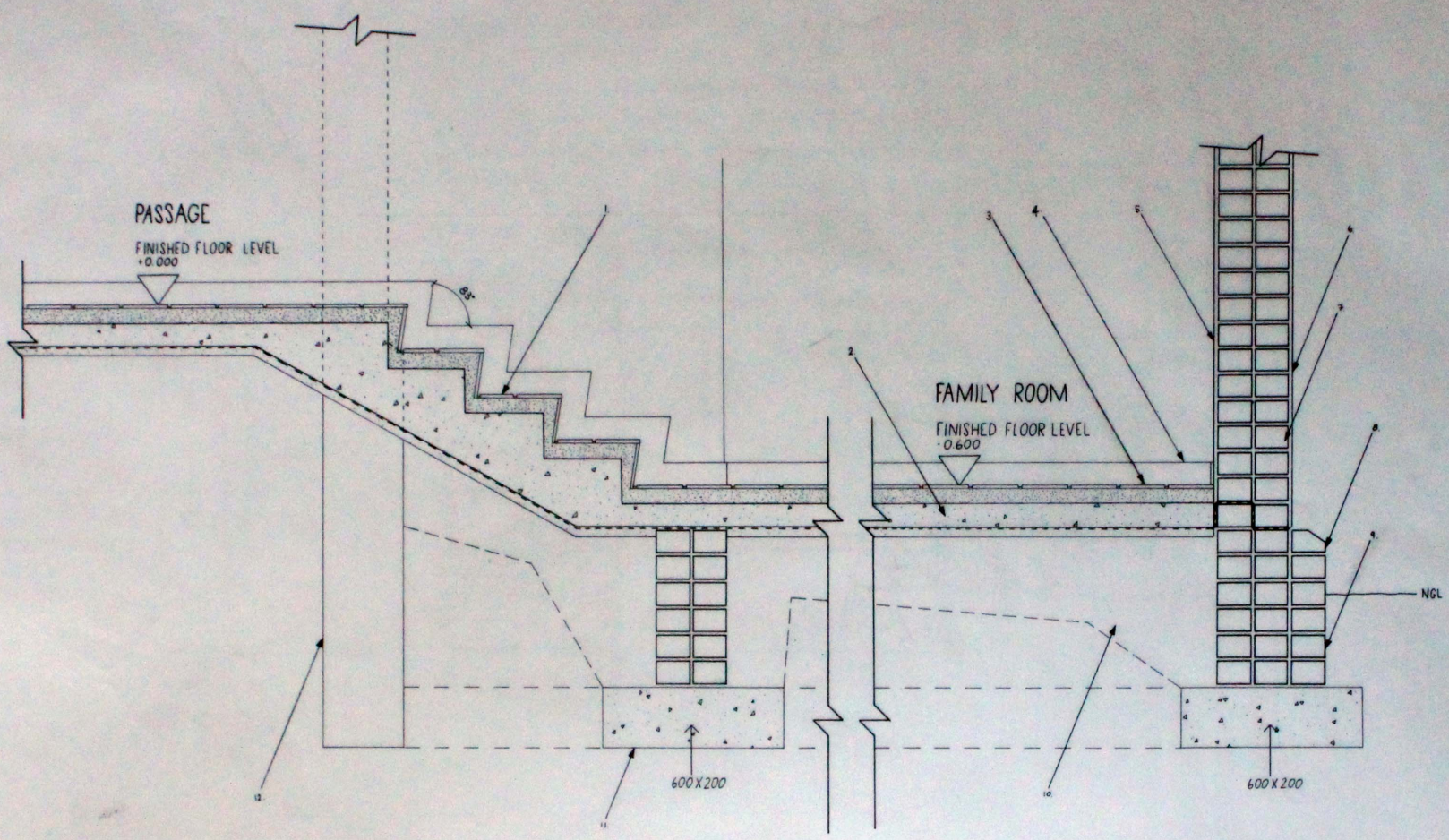
- All dims in mm.
- Contractors to verify all levels, heights and dimensions on site against the drawing prior to commencement with works. Any discrepancies are to be reported to the draughts person immediately.
- Contractors are to ensure all details shown on this drawing are in compliance with NBR.
- Quality of all materials and workmanship to comply with specification.

*Extremely neat handwork!  
Great use of hatching!  
Knowledge clear!*

K = 30  
S = 60  
V = 80

REV	DATE	DESCRIPTION
PROJECT TITLE: TECHNICAL PLAN		
DWG TITLE: GROUND FLOOR PLAN		
DWG NO: TECO101	REV:	
DATE: 2013-08-08	SCALE: 1:50	
DRAWN BY: JULIAN C	DRAUGHTSMAN REG NO:	
OWNER SIGNATURE:		
ENGINEER SIGNATURE & NO:		

Extremely Neat Increase  
 Cost use of heavyweights!  
 Knowledge! it clear!



FOUNDATION DETAIL A  
 SCALE 1:10

- NOTES
1. Slabs: Trands  $3 \times 230 = 640$  mm.  
Riser  $4 \times 100 = 400$  mm.
  2. 75 Concrete slab on gullies USB green DPM on 10mm fine sand blinding on well compacted fill.
  3. 150 x 150 x 12 Quarry tile on 50 mm Sand
  4. 15 x 75 mm Meranti Skirting
  5. 12 mm Internal Plaster
  6. 12 mm Exterior Plaster
  7. 220 mm wall.
  8. Facebrick to match existing
  9. 350 mm Foundation wall.
  10. Ground filling
  11. R/C strip Foundation 600 x 200
  12. Existing Foundation
- All dims in mm
  - Contractors to verify all levels, heights and dimensions on site against the drawing prior to commencement with works. Any discrepancies are to be reported to the draughtsman immediately.
  - Contractors are to ensure all details shown on this drawing are in compliance with USB.
  - Quality of all materials and workmanship to comply with specification.

REV	DATE	DESCRIPTION

PROJECT TITLE:  
 FOUNDATION DETAIL

DWG TITLE:  
 FOUNDATION DETAIL A

DWG NO: TECOIII  
 REV:

DATE: 2013-08-14  
 SCALE: 1:10

DRAWN BY: JULIAN C  
 DRAUGHTSMAN  
 REG NO:

OWNER SIGNATURE:

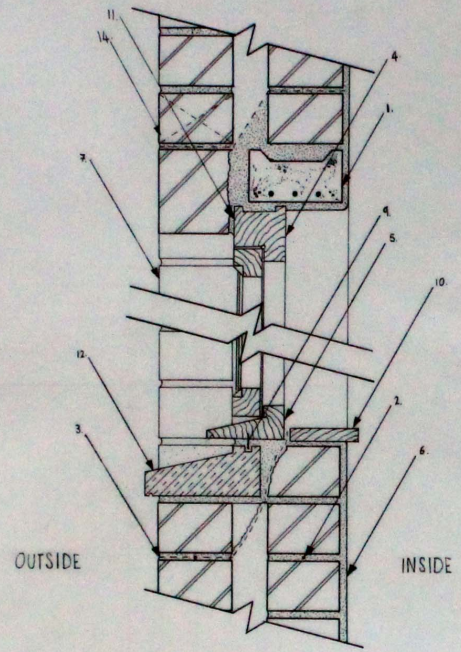
ENGINEER SIGNATURE & No:

K-75  
 G-20  
 V-75

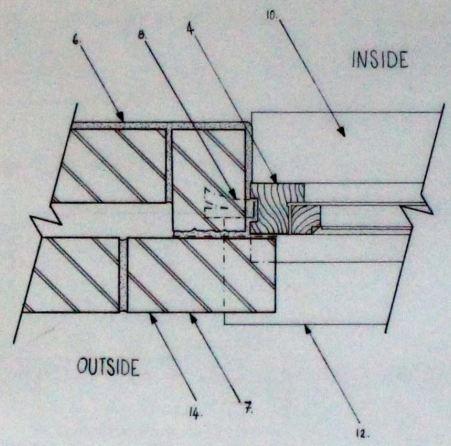
Extremely neat linework and  
good use of hatching!  
Knowledge clear!

- NOTES:
1. 40 x 75 RC Lintel
  2. Brick reinforcing
  3. DPC
  4. Ex 76 x 76 timber frame
  5. Ex 114 x 50 timber sill
  6. 12mm plaster
  7. Fenderick
  8. Hot iron fixing leg
  9. Aluminium weather bar
  10. 60 x 20 hardwood inner sill
  11. Mastic sealant
  12. Stone sub-sill
  13. Brick on edge lintel
  14. 280mm wall

- All dims in mm
- Contractors to verify all levels, heights and dimensions on site against the drawing prior to commencement with works. Any discrepancies are to be reported to the draughtsman immediately.
- Contractors are to ensure all details shown on this drawing are in compliance with BS8.
- Quality of materials and workmanship to comply with specification.



SECTION  
SCALE 1:5



PLAN  
SCALE 1:5

REV. DATE	DESCRIPTION

PROJECT TITLE:  
TIMBER WINDOW DETAIL

DWG TITLE:  
SECTION & PLAN

DWG NO: TECO112	REV:
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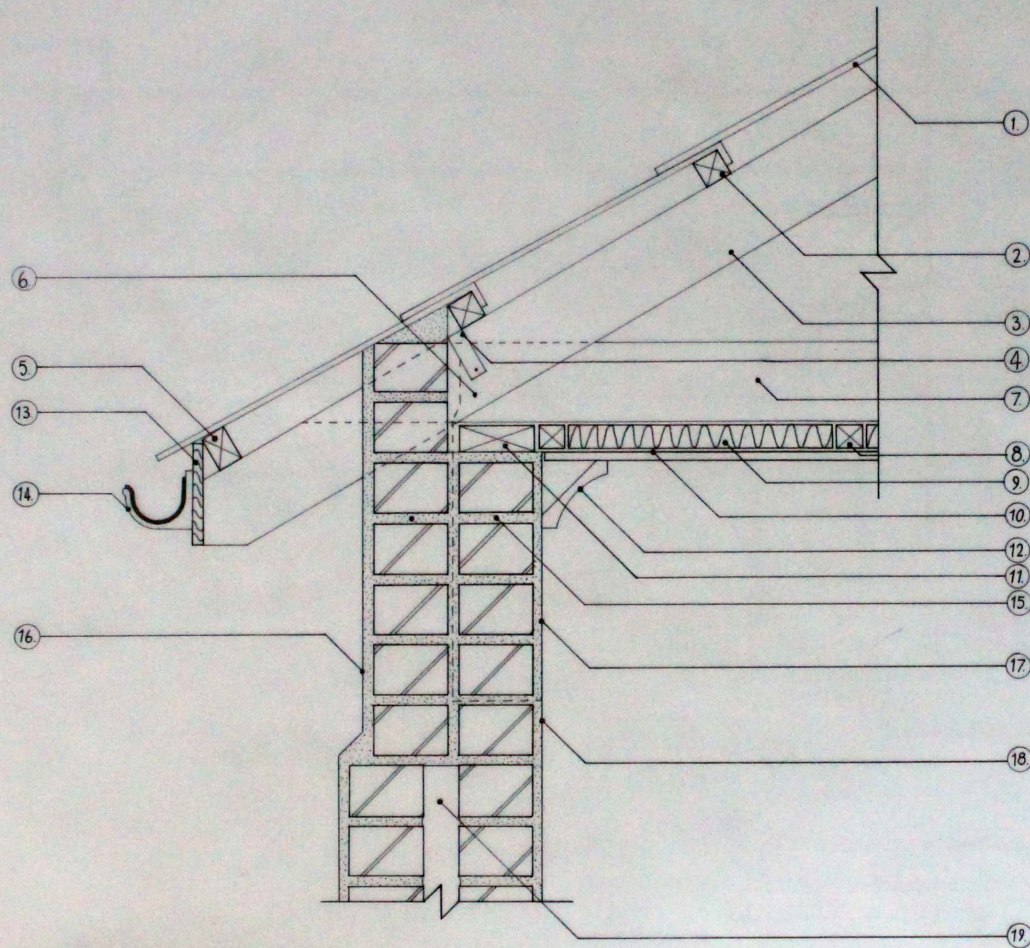
DATE: 2013-08-15	SCALE: 1:5
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DRAWN BY: JULIAN.C	DRAUGHTSMAN REG NO:
-----------------------	------------------------

OWNER SIGNATURE:

ENGINEER SIGNATURE & NO:

K-80  
S-80  
V-80



EAVE DETAIL  
SCALE 1:5

**Roof:**

• Pitch 30°

- ① Tiles T.M.E
- ② 38x38 mm SA Pine Battens, max 380mm centre
- ③ 144x38 mm SA Pine timber trusses
- ④ 25x1.2mm galvanised steel strip
- ⑤ 1x38x50mm SA pine timber tilting batten at eaves
- ⑥ By specialist: butt jointed trusses with metal plate connectors

**Ceiling:**

- ⑦ Tie beam truss
- ⑧ 38x38mm brander at 400mm centres
- ⑨ 38mm fibreglass or similar insulation
- ⑩ 9.5mm gypsum flush plastered ceiling
- ⑪ 114x38mm SA pine wall plate
- ⑫ 100mm gypsum coved cornice

**Eaves:**

- ⑬ 150x15 fascia
- ⑭ 100mm ø half round gutter and frame

**Wall:**

- ⑮ 2x6mm ø mild steel reinforcing bars
- ⑯, ⑰ 15mm plaster
- ⑱ 230mm brick wall
- ⑲ 50mm wall cavity

**Notes:**

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- Quality of all materials and workmanship to comply with specification.

REV	DATE	DESCRIPTION

PROJECT TITLE:  
EAVES DETAIL

DWG TITLE:  
EAVE DETAIL

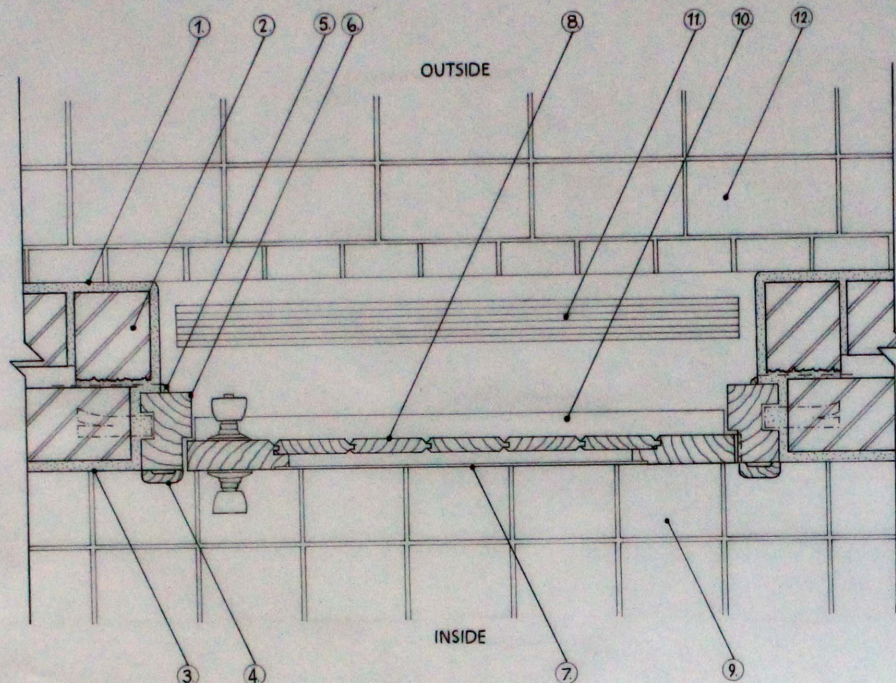
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DATE: 2013-10-21      SCALE: 1:5

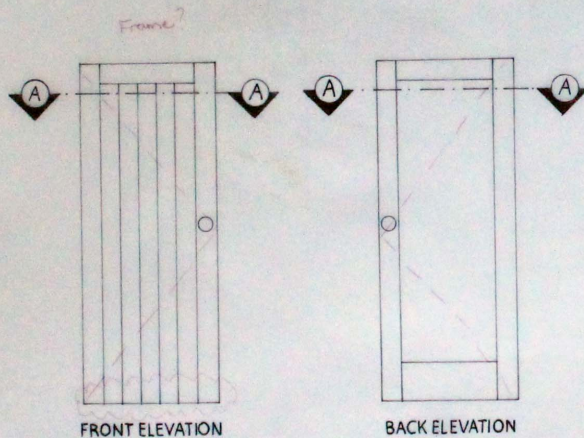
DRAWN BY: JULIAN.C      DRAUGHTSMAN REG NO:

OWNER SIGNATURE:

ENGINEER SIGNATURE & NO:



TIMBER DOOR DETAIL  
SCALE 1:5



TIMBER DOOR ELEVATIONS  
SCALE 1:20

- ① 15mm external plaster
- ② 280mm brick cavity wall
- ③ 12mm internal plaster
- ④ 20 x 60 architrave
- ⑤ 20mm timber quadrant
- ⑥ Ex 114 x 76mm timber door frame with 46 x 16mm rebate
- ⑦ 3mm plywood with American Oak veneer
- ⑧ 100 x 22mm v-jointed tongued and grooved boarding (T&G)
- ⑨ 150 x 150 x 12mm quarry tiles
- ⑩ Ex 38 x 76mm timber weatherboard
- ⑪ Reeded grano step
- ⑫ 50mm brick pavers

K'65 S '72 U '70

**Notes:**

- All dims in mm.
- Contractors to verify all levels, heights and dimensions on site against the drawing prior to commencement with works. Any discrepancies are to be reported to the draughts person immediately.
- Contractors are to ensure all details shown on this drawing are in compliance with NBR.
- Quality of all materials and workmanship to comply with specification.

REV	DATE	DESCRIPTION

PROJECT TITLE:  
TIMBER DOOR DETAIL &  
ELEVATIONS

DWG TITLE:  
TIMBER DOOR DETAIL &  
TIMBER DOOR ELEVATIONS

DWG NO:  
TECO114

REV:

DATE:  
2013-10-23

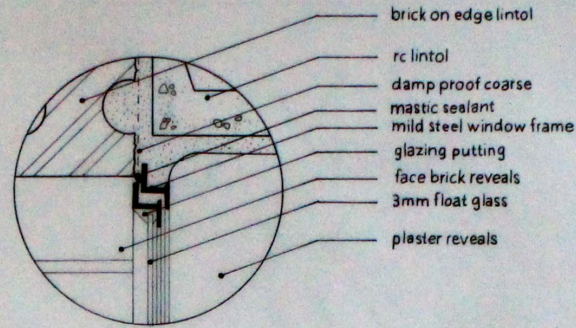
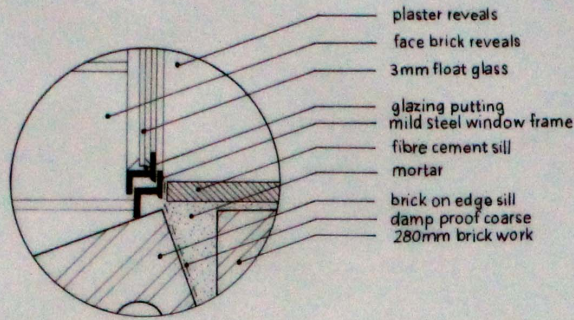
SCALE:  
1:5 & 1:20

DRAWN BY:  
JULIAN C

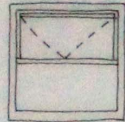
DRAUGHTSMAN  
REG NO:

OWNER SIGNATURE:

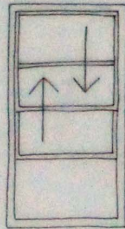
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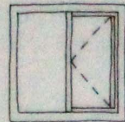
SECTION  
STEEL WINDOW FOR CAVITY WALL  
SCALE 1:2



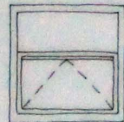
T.H.O.O.  
(top hung opening out)



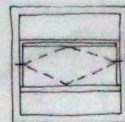
Vertical Sash



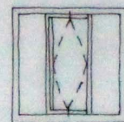
S.H.O.O.  
(side hung opening out)



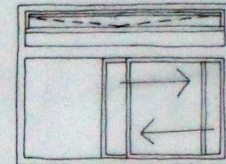
B.H.O.I.  
(bottom hung opening in)



Horizontal Centre Pivot

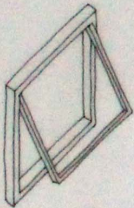


Vertical Centre Pivot

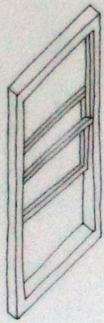


Two leaf sliding unit with a T.H.O.O.  
fanlight above it

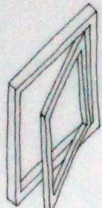
WINDOW ELEVATIONS  
SCALE 1:20



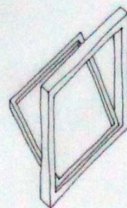
T.H.O.O.  
(top hung opening out)



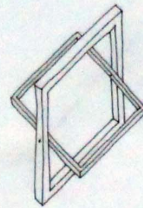
Vertical Sash



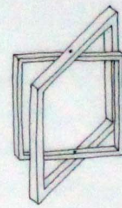
S.H.O.O.  
(side hung opening out)



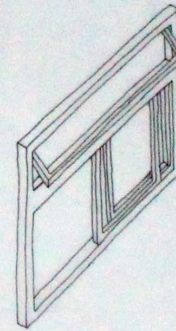
B.H.O.I.  
(bottom hung opening in)



Horizontal Centre Pivot



Vertical Centre Pivot



Two leaf sliding unit with a T.H.O.O.  
fanlight above it

WINDOW AXONOMETRICS  
SCALE 1:20

Notes

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REV	DATE	DESCRIPTION

PROJECT TITLE:  
STEEL WINDOW DETAIL  
AND OPENINGS

DWG TITLE:  
SECTION STEEL WINDOW  
FOR CAVITY WALL  
WINDOW ELEVATIONS - AXONOMETRIC

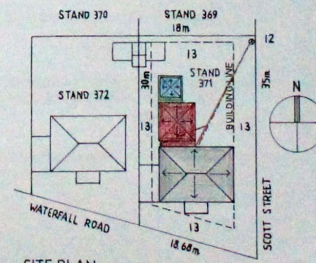
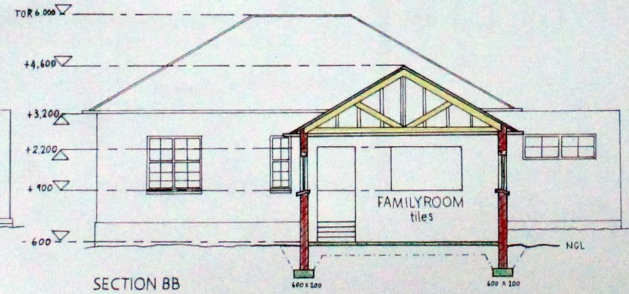
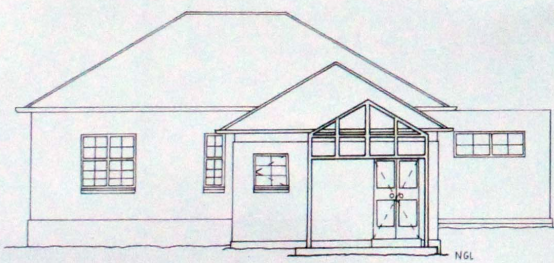
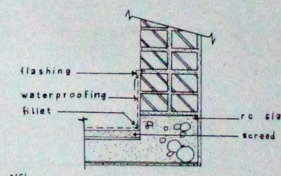
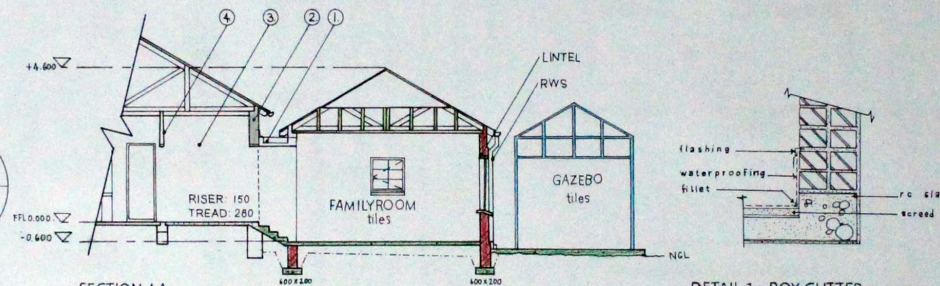
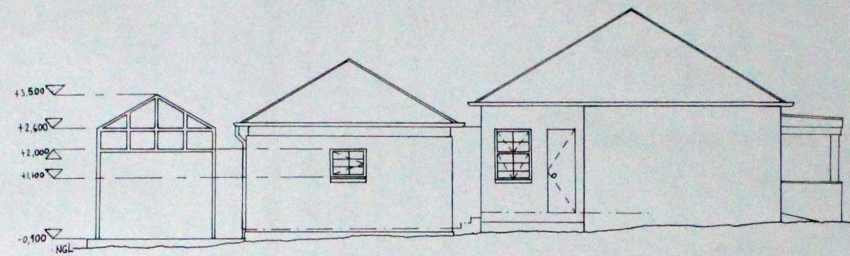
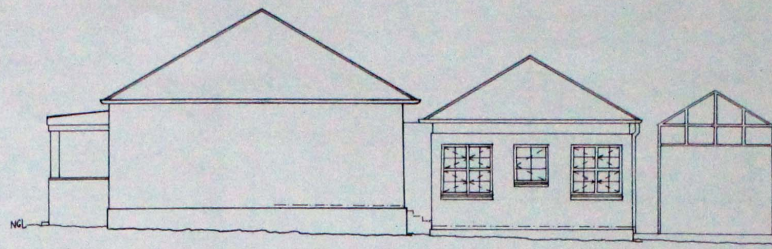
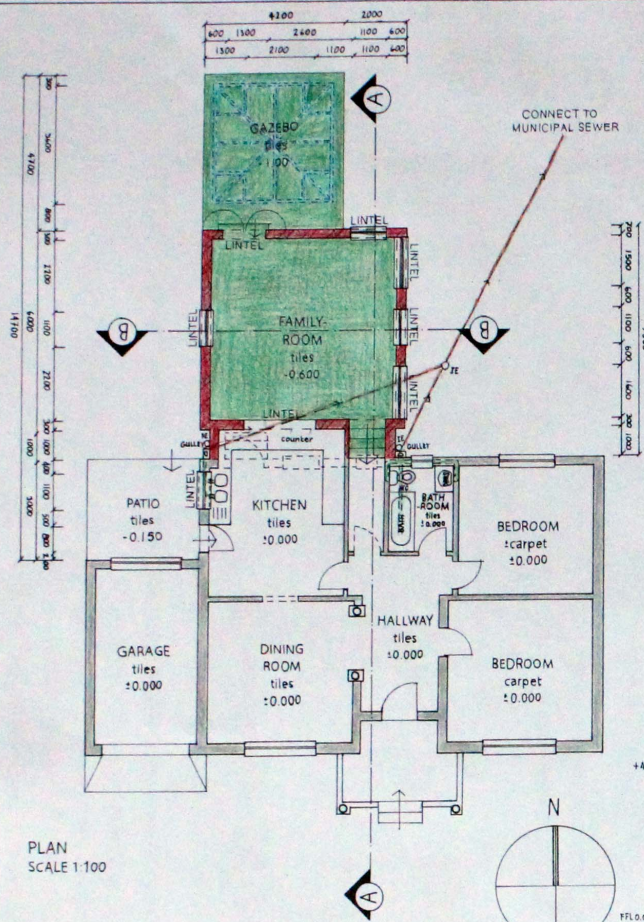
DWG NO: TEC0115

DATE: 2013-10-28

DRAWN BY: JULIAN C

OWNER SIGNATURE:

ENGINEER SIGNATURE & NO:



Notes:

- All dims in mm
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- Light weight screed to minimum fall 1:50 to rain water outlet. 75mm drain water spouts on both ends of the concrete slab (box gutters). Refer to Detail 1.
- Down external wall. New RC slab and beam to Eng detail. The roof must be propped up when kerbwork is demolished and new concrete slab is cast. Some old brickwork remains.
- 28 mm gypsum flush plastered ceiling to line up with the concrete slab.
- Remove EX door frame and nibs on either side. Add precast concrete lintel. Drain & make good brickwork to form door opening.

REV	DATE	DESCRIPTION

PROJECT TITLE:  
COUNCIL SUBMISSIONS

DWG TITLE:  
PLAN, SECTION AA, SECTION BB, EAST ELEVATION, WEST ELEVATION, NORTH ELEVATION, SITE PLAN, DETAIL 1: BOX GUTTER

DWG NO: TEC 0117

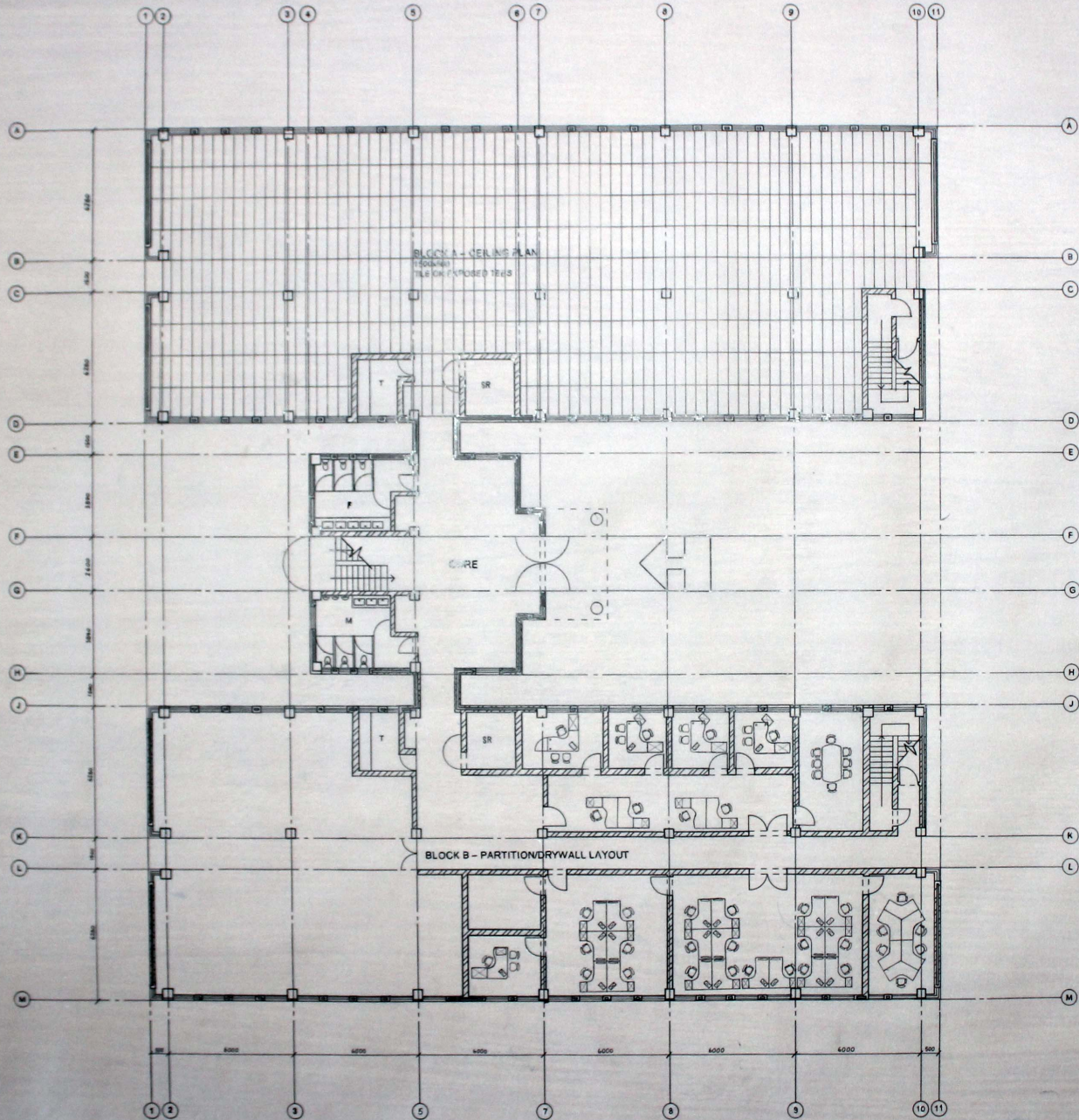
DATE: 2014-06-30

DRAWN BY: JULIAN.C

OWNER SIGNATURE:

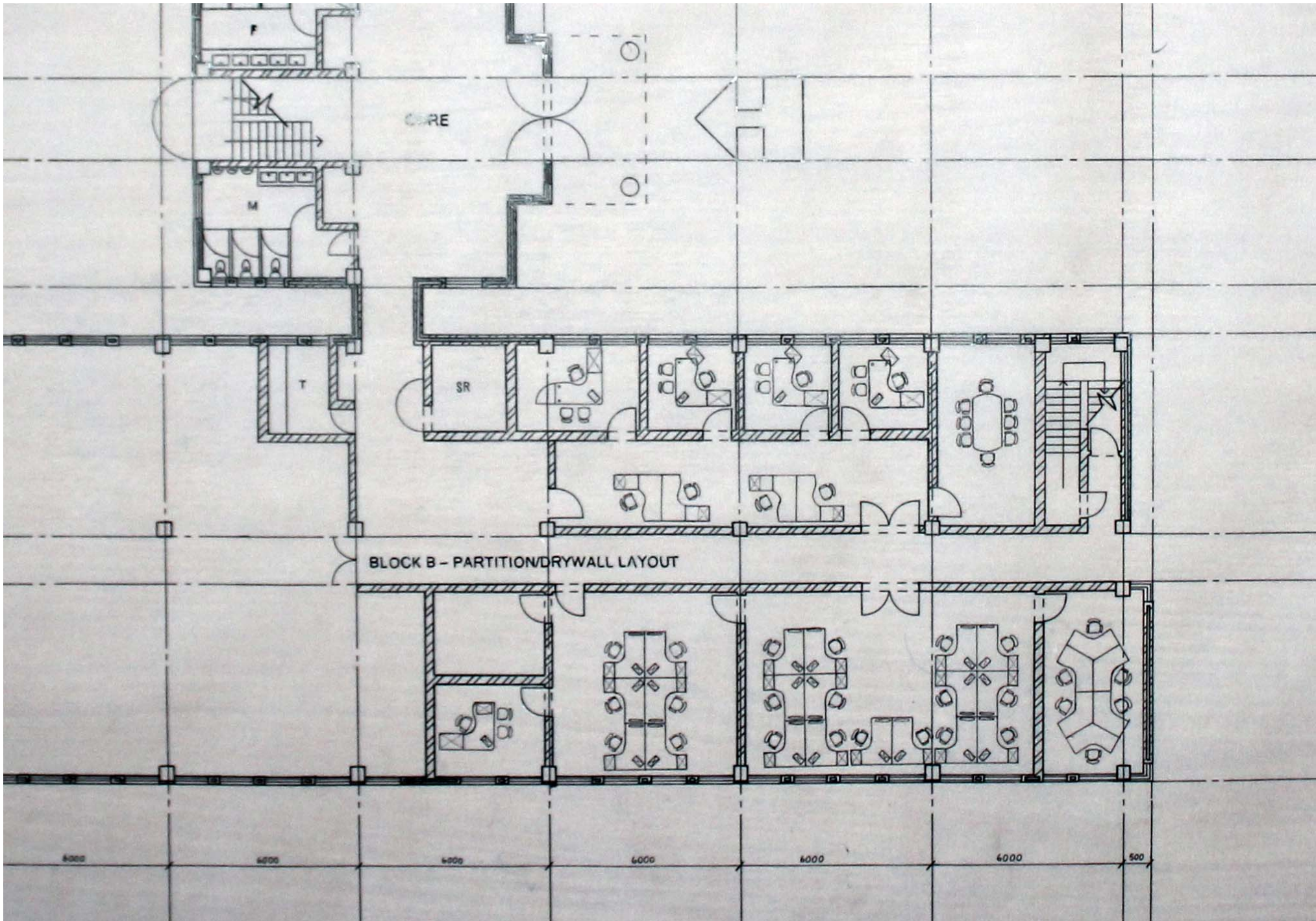
ENGINEER SIGNATURE & NO:





OFFICE PLAN  
SCALE 1:100

REV	DATE	DESCRIPTION
PROJECT TITLE: OFFICE PLAN		
DWG TITLE: OFFICE PLAN		
DWG NO.:	REV:	
TEC0121		
DATE:	SCALE:	
2014/08/26	1:100	
DRAWN BY:	DRAUGHTSMAN	
JULIAN COETZEE	REG NO.:	
ENGINEER SIGNATURE & NO.:		



CORE

M

T

SR

BLOCK B - PARTITION/DRYWALL LAYOUT

4000

4000

4000

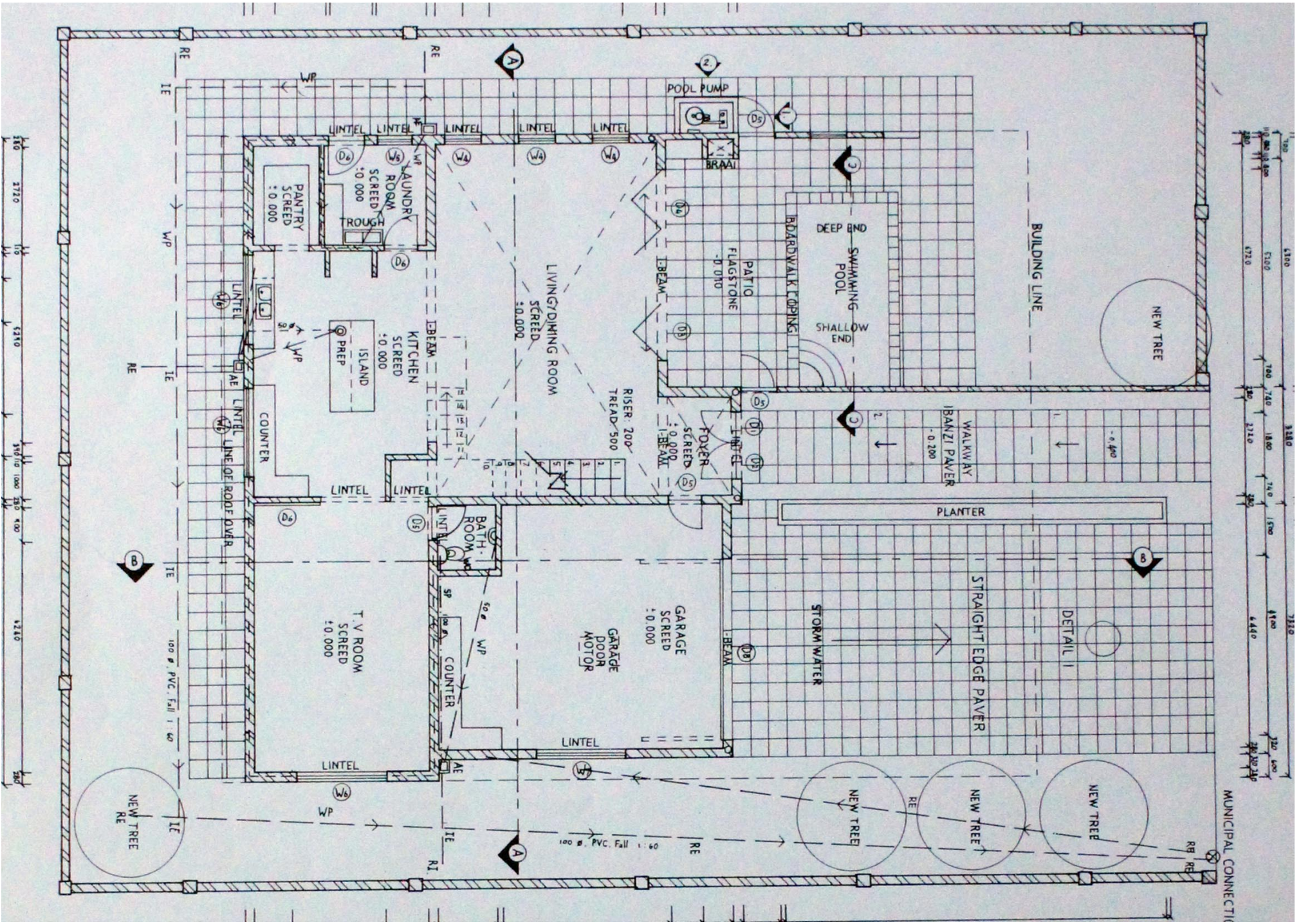
6000

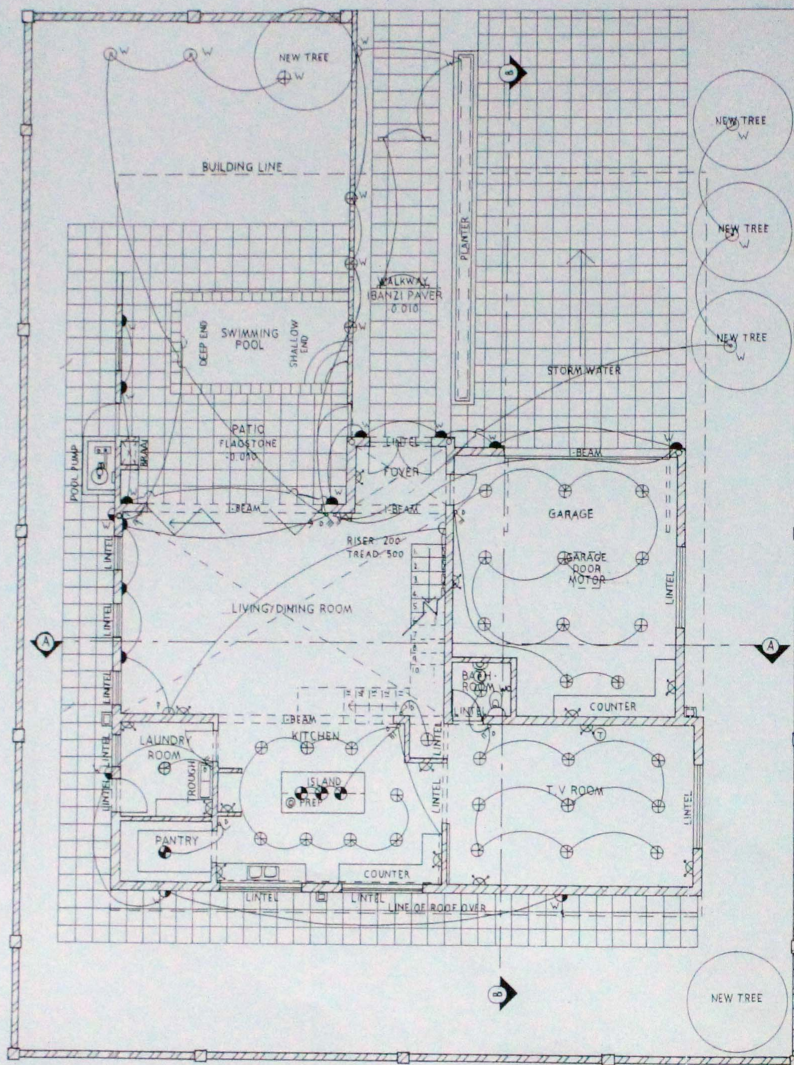
6000

6000

500







GROUND FLOOR ELECTRICAL LAYOUT  
SCALE 1:100

ELEC KEY

⊕	CC45: Downlight 12v50w - CNC tilt - c/o 72mm
⊙	PB 15: Pendant 230v - Fine
●	JH82: Chandelier 230v - Tulip 8-light
○	LN201: Strip Lights 12v - LED 5m reel (per reel)
▶	JD65: Wall light 230v - Jud 450x100 mm
⤴	HL 18: Wall light 12v - Picture curved arm + transformer
▶	LS355: Wall light 230v - up & down - outdoor
⊖	WT44: Bulkhead - round plain - 230v
⊖	KH26: Brick light - outdoor recess plain - c/o 75x215mm
⊙	LS420#
⊖	LS560
⊕	LS322: Spotlight 240v - spike Par 38 plastic 1 - light - outdoor
⊖	LS517: Pond/jacuzzi light 12v - stainless steel 316 (AT023) recess
w	Indicates Point to be Water Proof fitting
⊕	Double Power Socket
✓	Single Switch
✓	Double Light Switch
⚡	Triple Light Switch
G	Geysor
⊖	Distribution Board
⊙	Extractor Fan

ELEC NOTES:

All Plug sockets to be at 350mm AFFL, unless otherwise indicated.

All light switches at 1200mm AFFL.

All wall mounted light fittings to be at 2200mm.

Notes:

• All dims in mm.

• Contractors to verify all levels, heights and dimensions on site against the drawing prior to commencement with works. Any discrepancies are to be reported to the draughts person immediately.

• Contractors are to ensure all details shown on this drawing are in compliance with NBR.

• Quality of all materials and workmanship to comply with specification.

REV: DATE: DESCRIPTION:

PROJECT TITLE:  
ELECTRICAL LAYOUT

DWG TITLE:  
GROUND FLOOR ELECTRICAL LAY-  
OUT

DWG No:  
TEC0143

REV:

DATE:  
2014-05-28

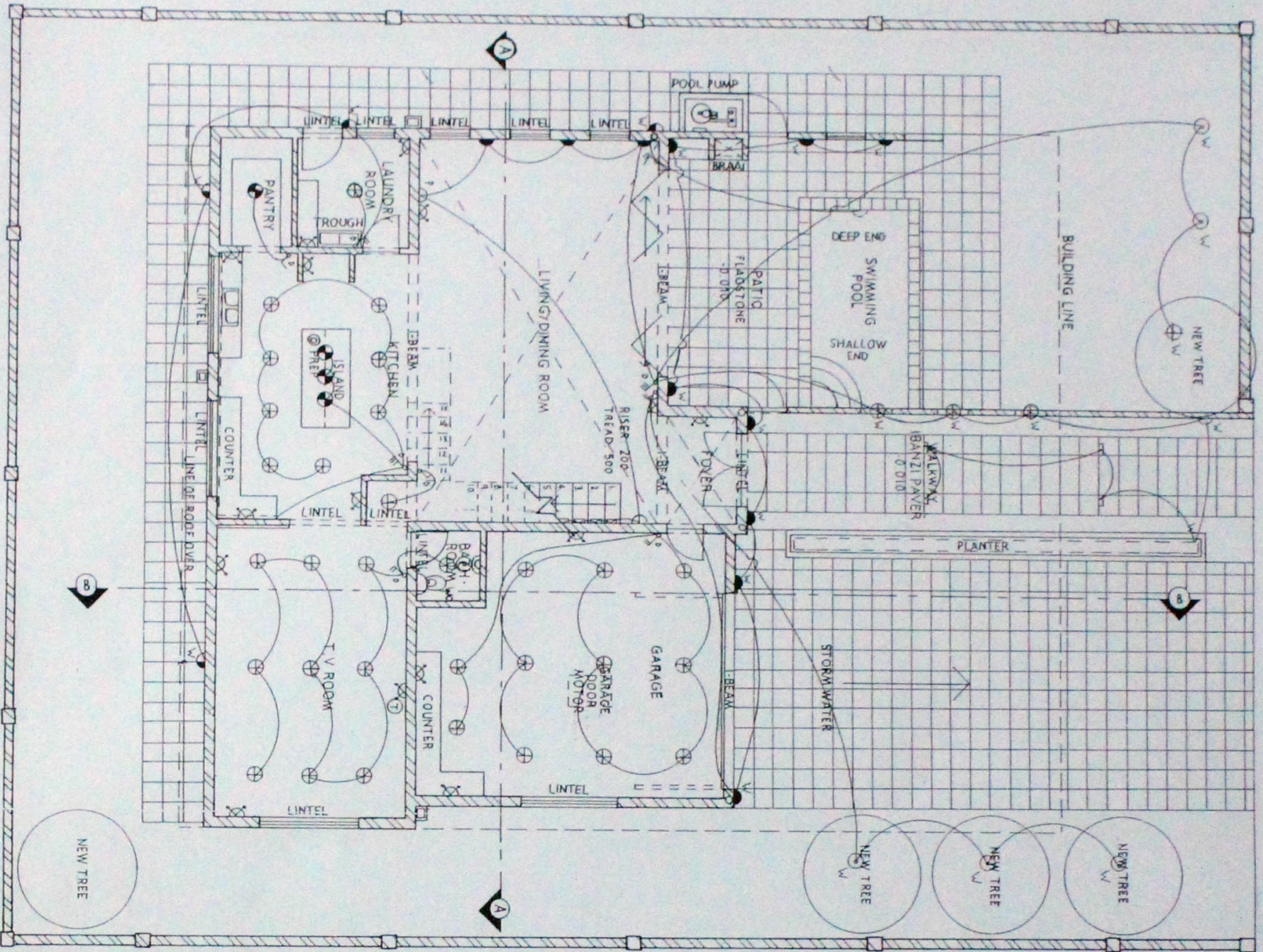
SCALE:  
1:100

DRAWN BY:  
JULIAN C

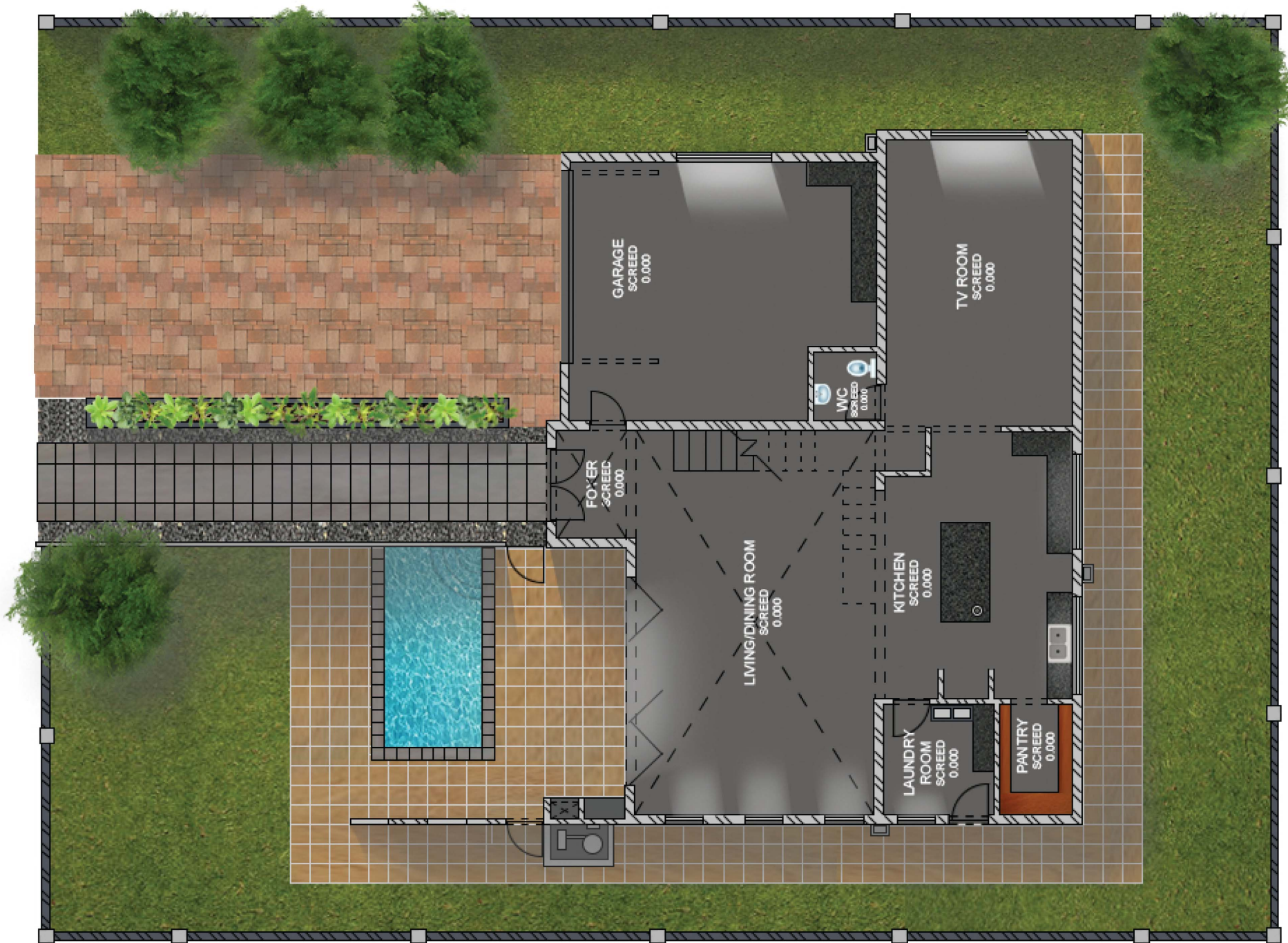
DRAUGHTSMAN  
REG NO:

OWNER SIGNATURE:

ENGINEER SIGNATURE & NO:



TRICAL LAYOUT



GARAGE  
SCREED  
0.000

TV ROOM  
SCREED  
0.000

W/C  
SCREED  
0.000

FOYER  
SCREED  
0.000

LIVING/DINING ROOM  
SCREED  
0.000

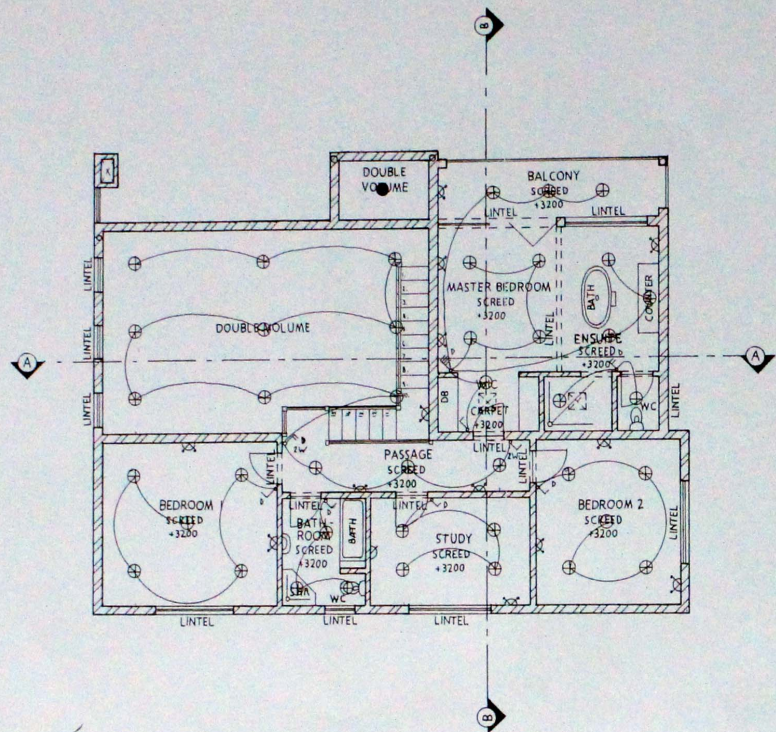
KITCHEN  
SCREED  
0.000

LAUNDRY  
ROOM  
SCREED  
0.000

PANTRY  
SCREED  
0.000







FIRST FLOOR ELECTRICAL LAYOUT  
SCALE 1:100

ELEC KEY

⊕	CC45: Downlight 12v50w - CNC tilt - c/o 72mm
⊖	PB 15: Pendant 230v - Fine
●	JH82: Chandelier 230v - Tulip 8-light
○	LN201: Strp Lights 12v - LED 6m reel (per reel)
▶	JD65: Wall light 230v - Jud 450x100 mm
⤴	HL 18: Wall light 12v - Picture curved arm + transformer
⤵	LS355: Wall light 230v - up & down - outdoor
⊖	WT44: Bulkhead - round plain - 230v
⊖	KH26: Brick light - outdoor recess plain - c/o 75x215mm
⊖	LS420#
⊖	LS560
⊕	LS922: Spotlight 240v - spike Par 38 plastic I - light - outdoor
⊖	LS517: Pond/jacuzzi light 12v - stainless steel 316 (AT023) recess
w	Indicates Point to be Water Proof fitting
⊗	Double Power Socket
✓	Single Switch
✓	Double Light Switch
✓	Triple Light Switch
G	Geysar
⊖	Distribution Board
⊖	Extractor Fan

ELEC NOTES:

All Plug sockets to be at 350mm AFFL, unless otherwise indicated.

All light switches at 1200mm AFFL.

All wall mounted light fittings to be at 2200mm.

Notes:

All dims in mm.

Contractors to verify all levels, heights and dimensions on site against the drawing prior to commencement with works. Any discrepancies are to be reported to the draughts person immediately.

Contractors are to ensure all details shown on this drawing are in compliance with NBR.

Quality of all materials and workmanship to comply with specification.

REV	DATE	DESCRIPTION

PROJECT TITLE:  
ELECTRICAL LAYOUT

DWG TITLE:  
FIRST FLOOR ELECTRICAL LAYOUT

DWG NO:  
TEC0143

REV:

DATE:  
2014-05-28

SCALE:  
1:100

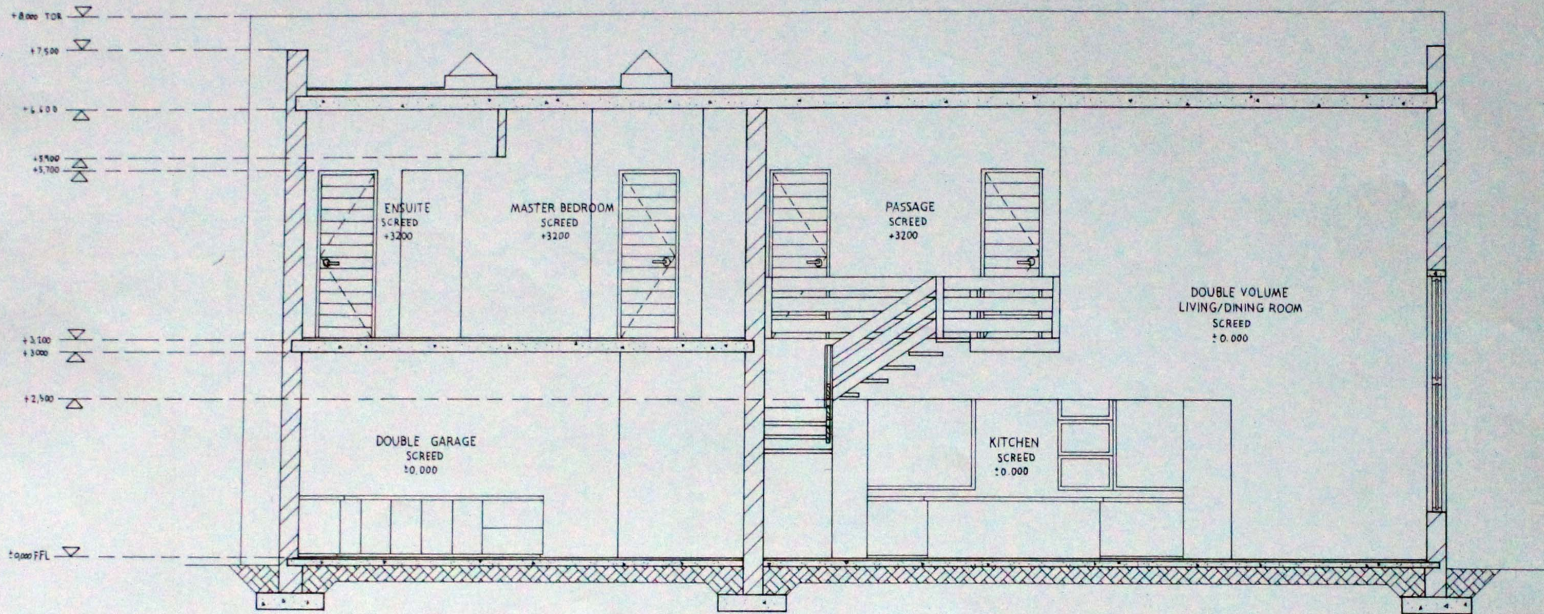
DRAWN BY:  
JULIAN C

DRAUGHTSMAN  
REG NO:

OWNER SIGNATURE:

ENGINEER SIGNATURE & NO:

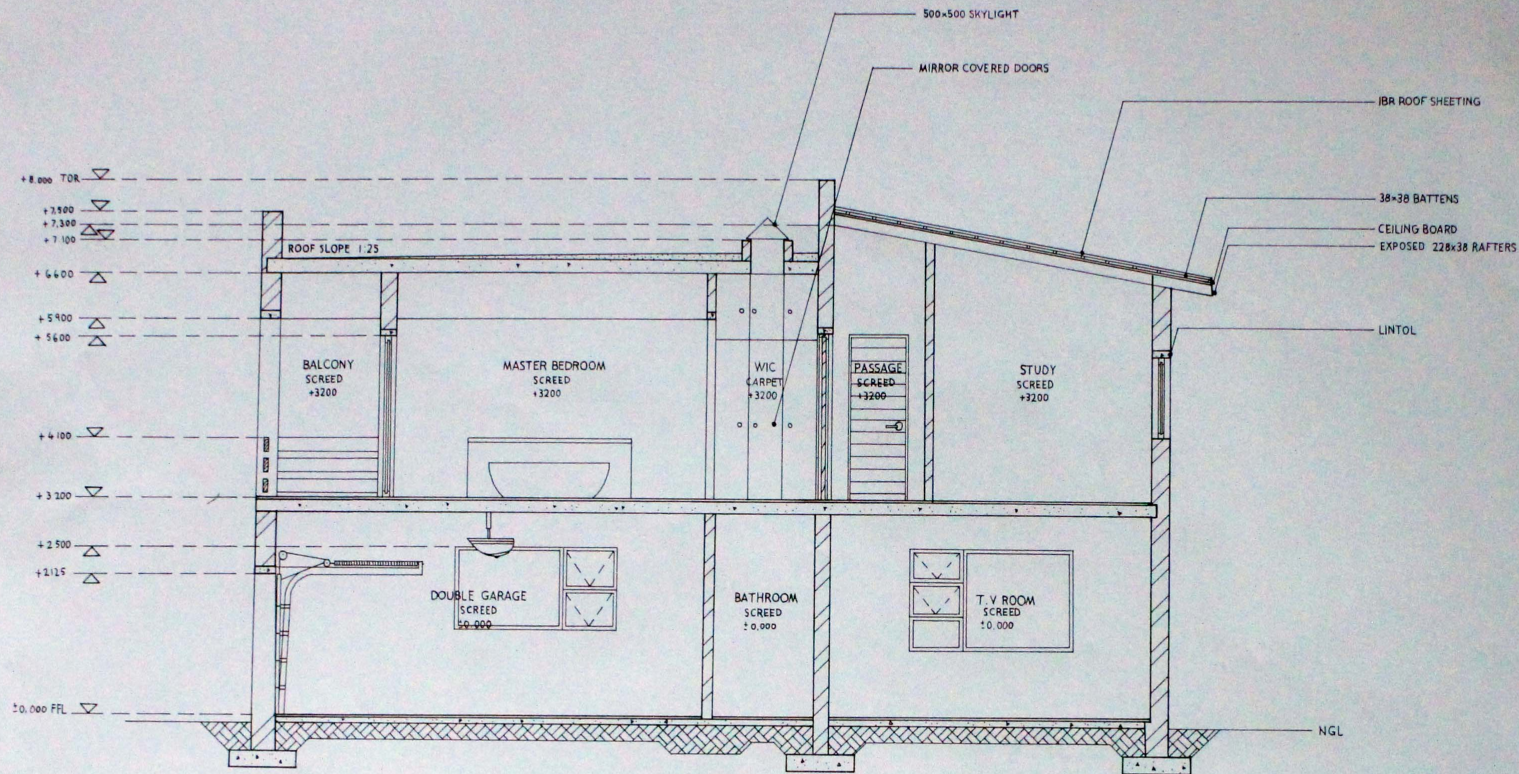




SECTION AA  
SCALE 1:50

- Notes:
- All dims in mm.
  - Contractors to verify all levels, heights and dimensions on site against the drawing prior to commencement with works. Any discrepancies are to be reported to the draughts person immediately.
  - Contractors are to ensure all details shown on this drawing are in compliance with NBR.
  - Quality of all materials and workmanship to comply with specification.

REV	DATE	DESCRIPTION
PROJECT TITLE: LAYOUT DRAWINGS		
DWG TITLE: SECTION AA		
DWG NO: TEC0141	REV:	
DATE: 2014-05-28	SCALE: 1:50	
DRAWN BY: JULIAN C	DRAUGHTSMAN REG NO:	
OWNER SIGNATURE:		
ENGINEER SIGNATURE & No:		



SECTION BB  
SCALE 1:50

Notes

- All dims in mm.
- Contractors to verify all levels, heights and dimensions on site against the drawing prior to commencement with works. Any discrepancies are to be reported to the draughts person immediately.
- Contractors are to ensure all details shown on this drawing are in compliance with NBR.
- Quality of all materials and workmanship to comply with specification.

REV	DATE	DESCRIPTION

PROJECT TITLE  
LAYOUT DRAWINGS

DWG TITLE  
SECTION BB

DWG NO: TEC0141	REV:
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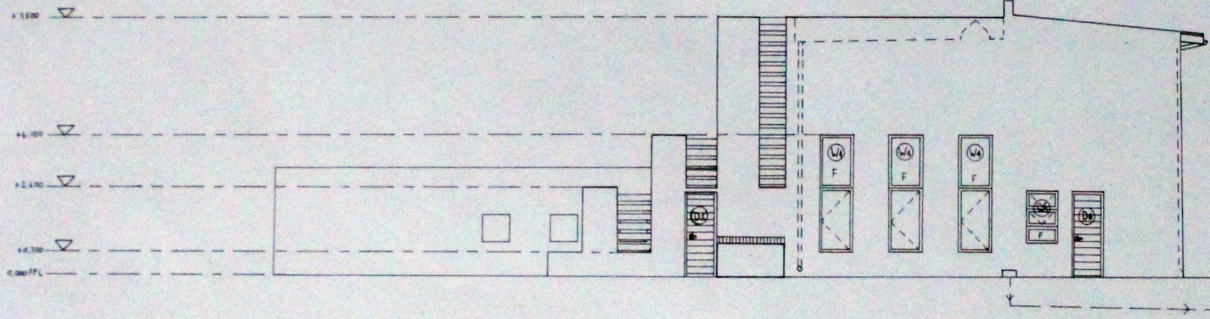
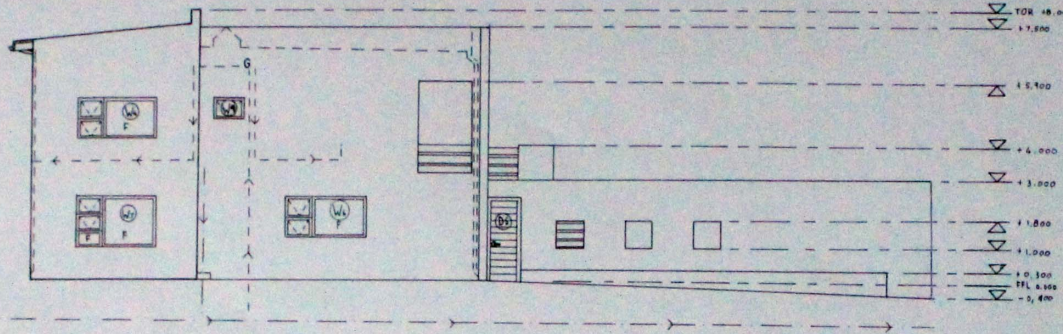
DATE: 2014-05-28	SCALE: 1:50
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DRAWN BY: JULIAN C	DRAUGHTSMAN REG NO:
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OWNER SIGNATURE :

ENGINEER SIGNATURE & NO:

WEST ELEVATION  
SCALE 1:100



EAST ELEVATION  
SCALE 1:100

- Notes
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REV	DATE	DESCRIPTION

PROJECT TITLE:  
LAYOUT DRAWINGS

DWG TITLE  
WEST ELEVATION,  
EAST ELEVATION

DWG NO: TEC0141      REV:

DATE: 2014-05-28      SCALE: 1:100

DRAWN BY: JULIAN C      DRAUGHTSMAN  
REG NO:

OWNER SIGNATURE:

ENGINEER SIGNATURE & NO:









