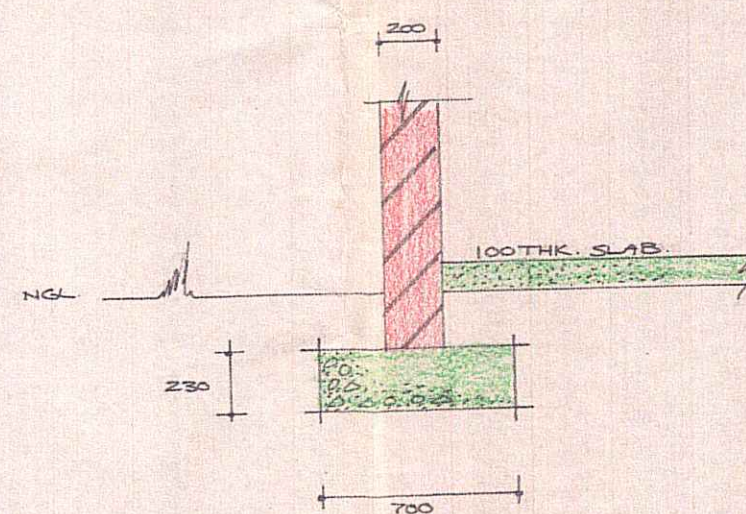
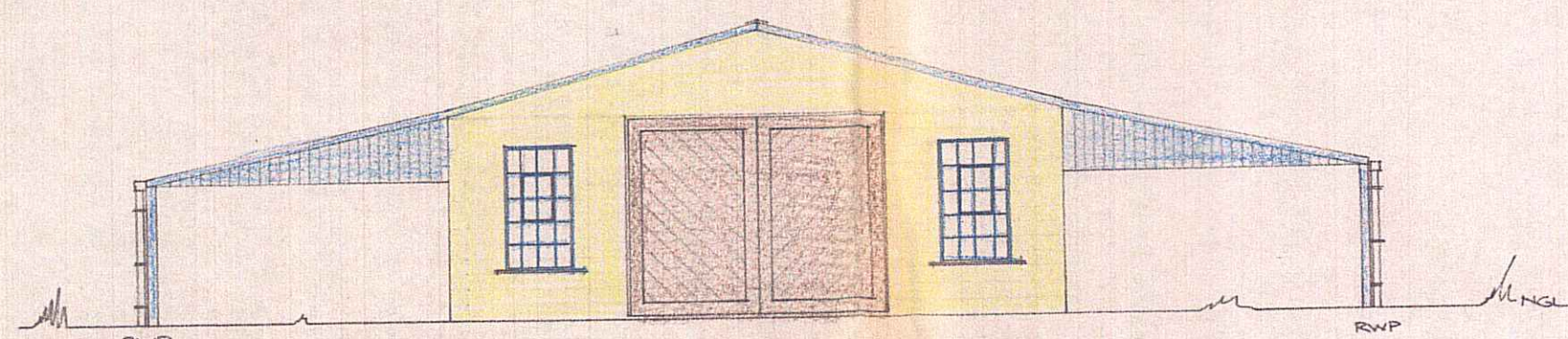
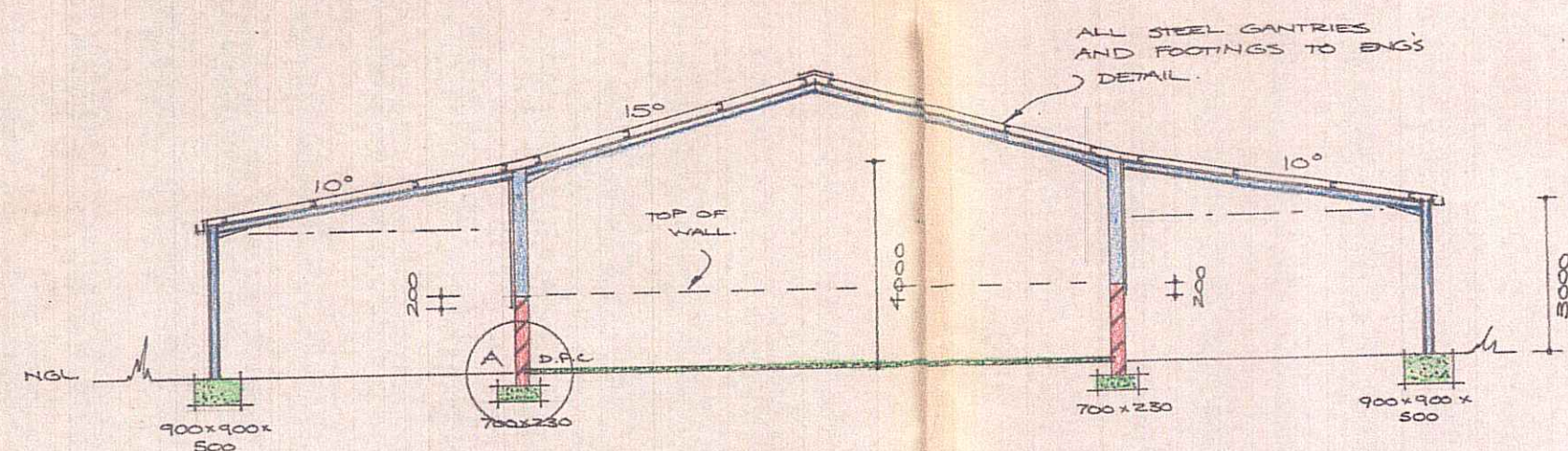
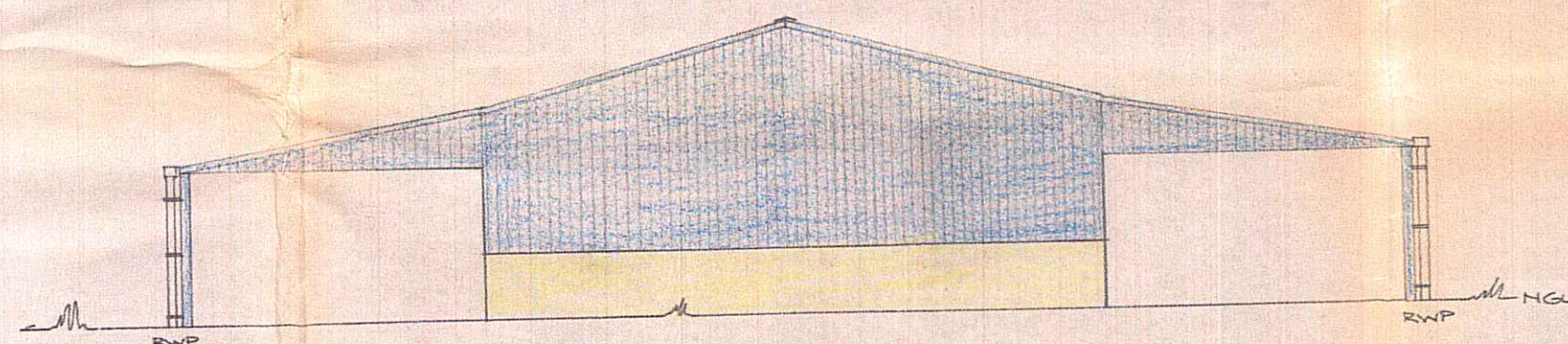
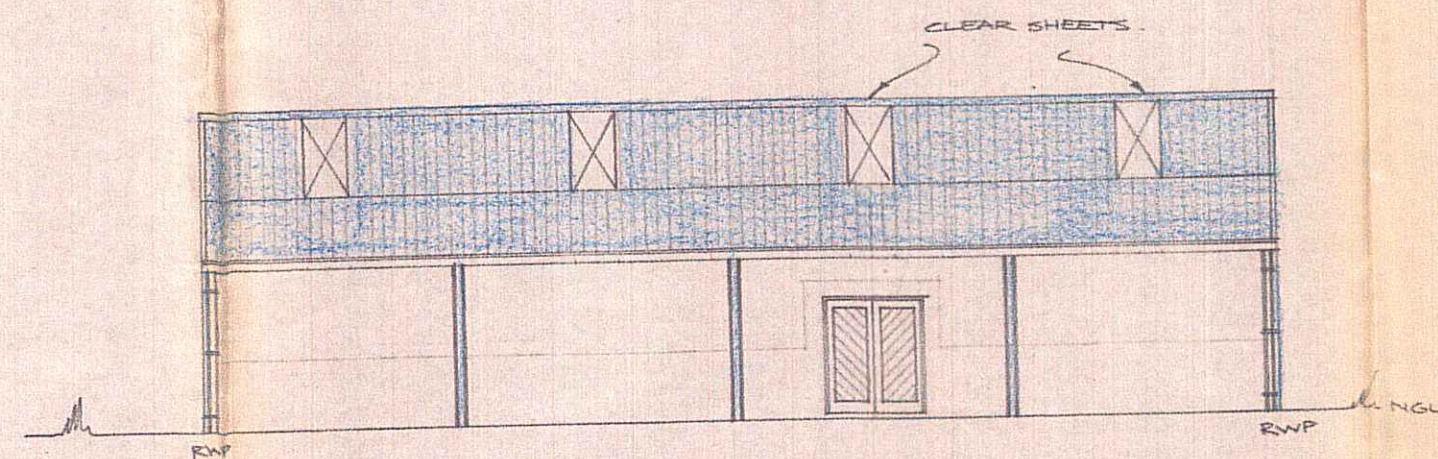
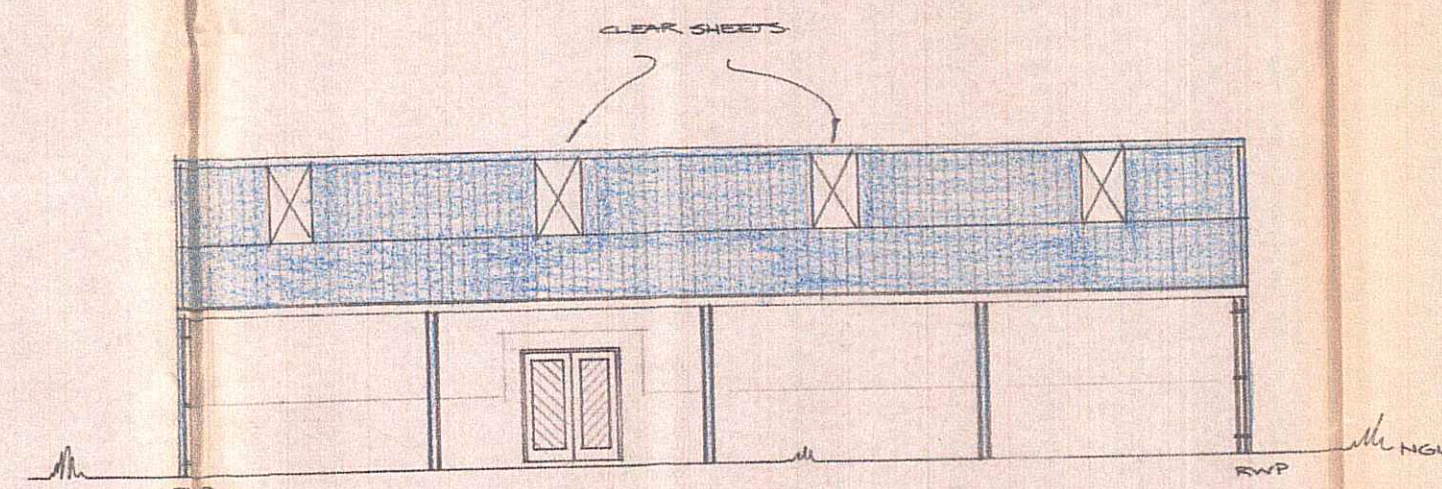
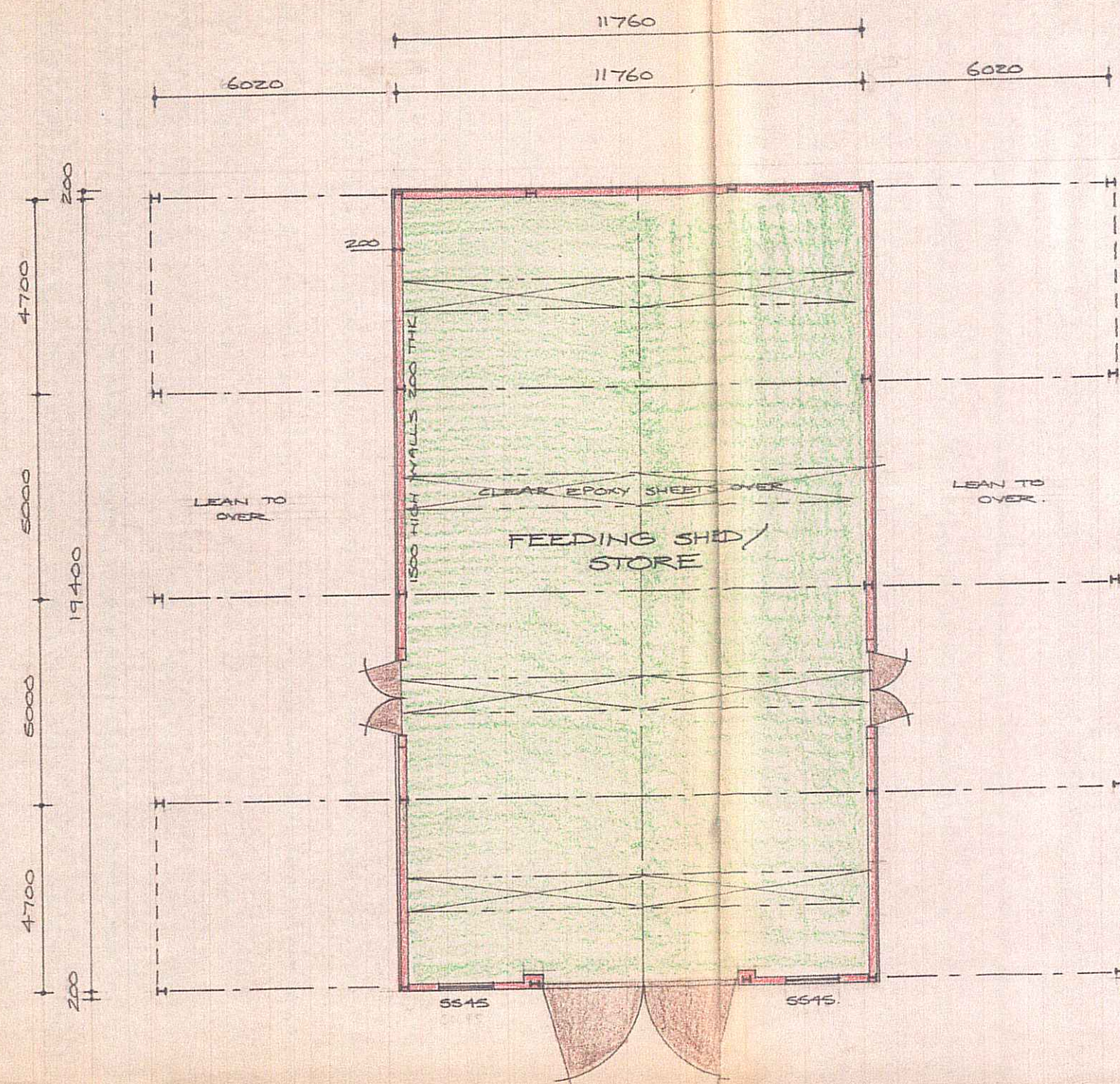




gans goedkeuring, toestemming
betreffende of handeling (oorgeslaan)
uiterlijk of verig deur op Raad
Fr: Budge die Wat op Boustandaard
W: 103/1977 soos gewysig in verband
met die bou of oprigting, sloping of
verandering aan geboude of die eienaar
van die plaas wyswaai om toe te sien dat
die gebou opgerig, voltooi en ge-
bruikbaar word of gesloop of verander
word in ooreenstemming met die
bepalings soos vervat in die Wet op
enig eniger toepassige wet op regulasie.

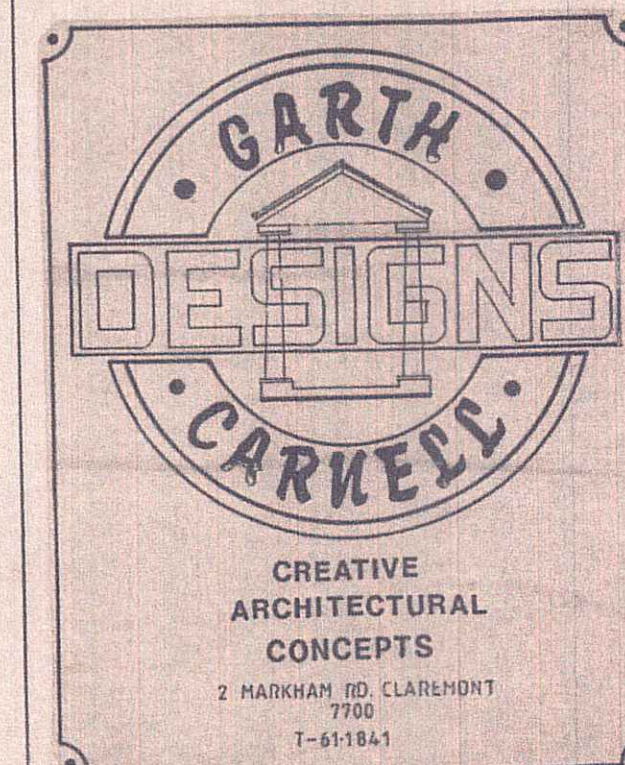
[illegible]

OWNER SIGN.
DESIGNER SIGN. *[Signature]* 29.6.94.

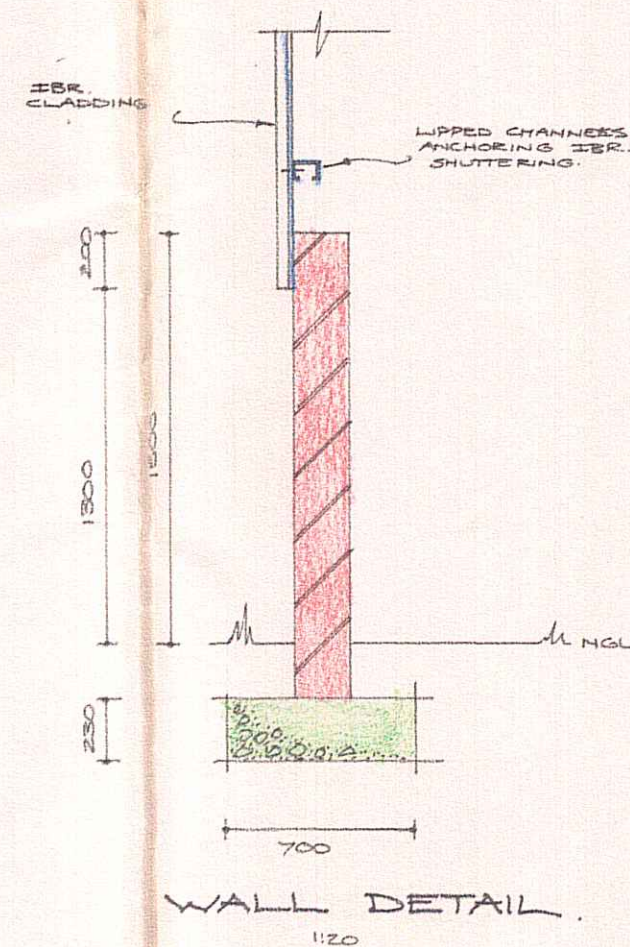
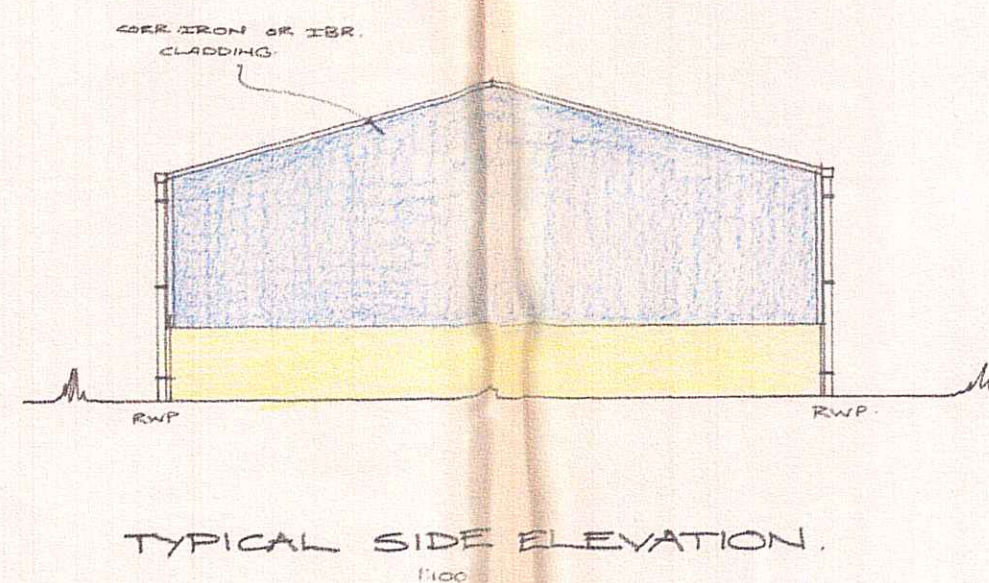
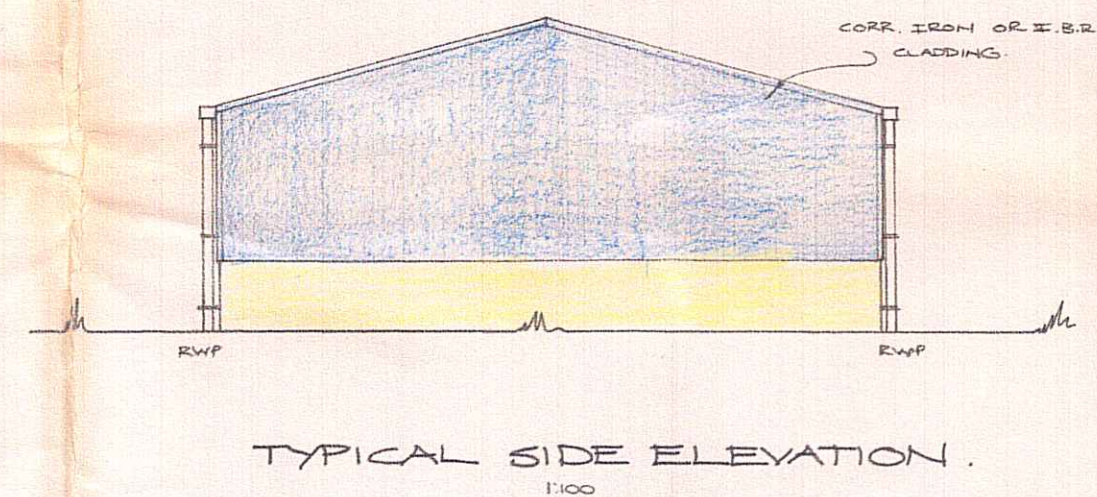
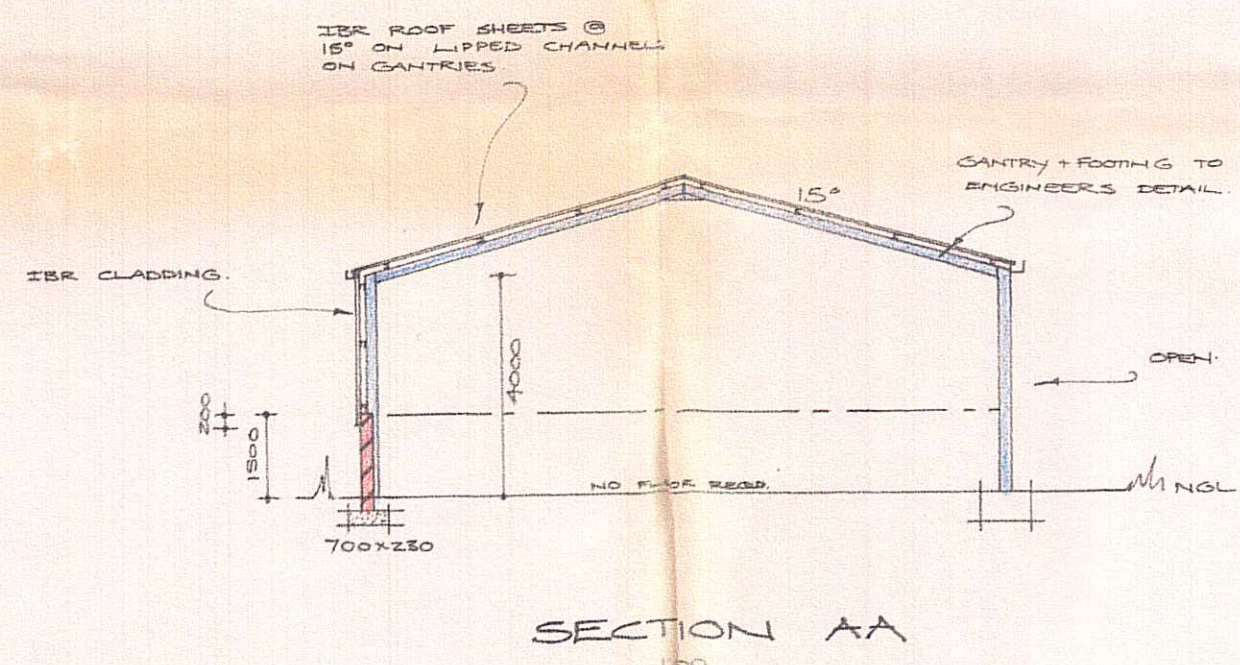
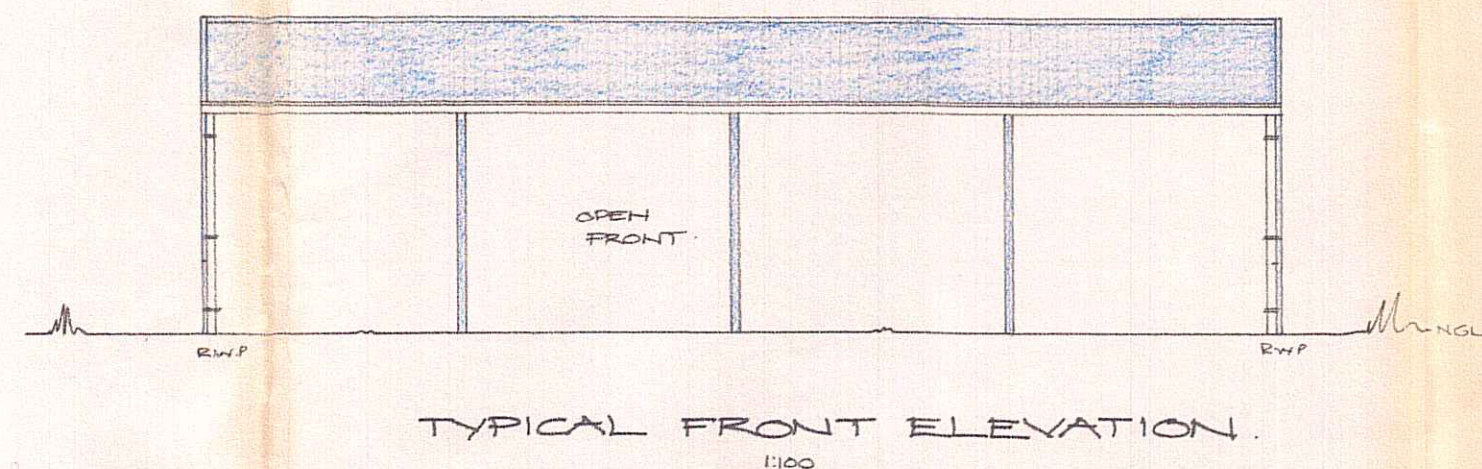
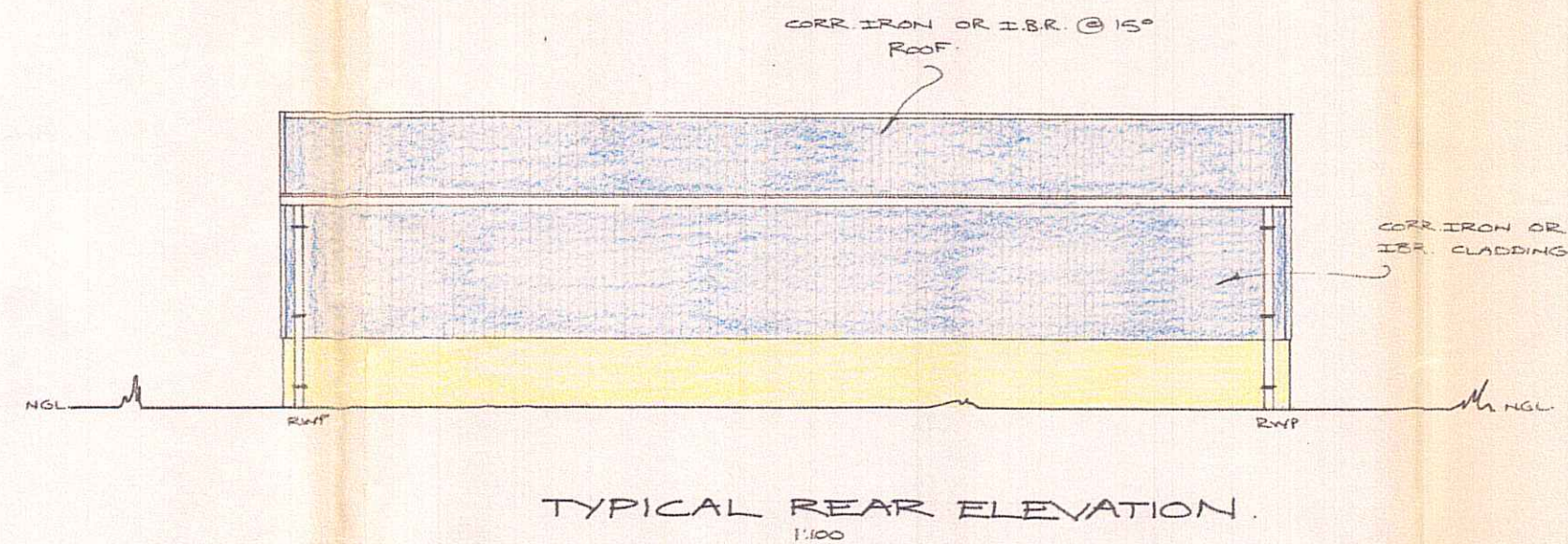
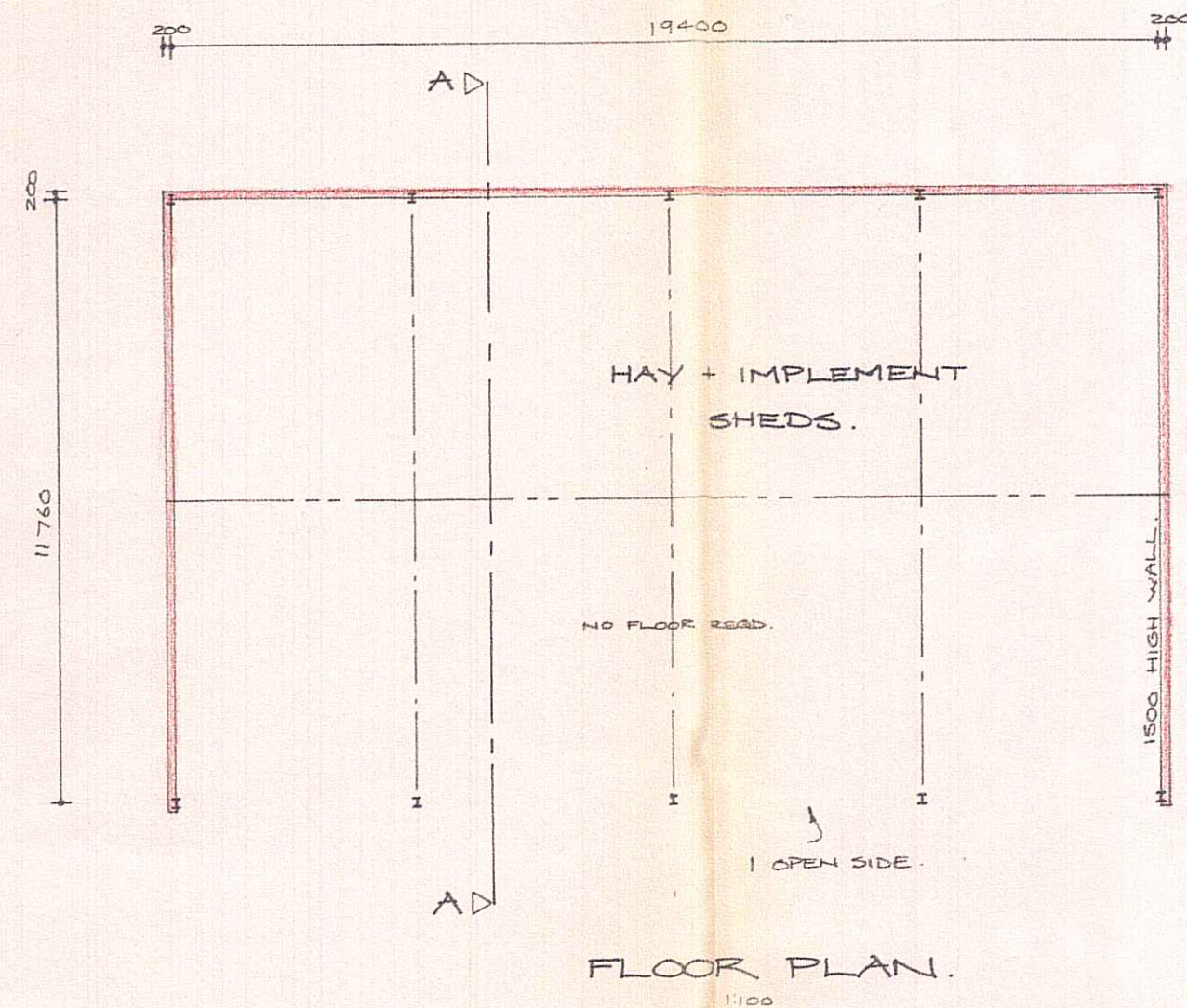
SHED N° D.

PROPOSED FEEDING
SHED AND STORE
ON "JARRAHNUP FARM"
SWARTRIVIER RD.
CALEDON.
FARM 781

PLAN N° 015152 DRG. N° 2



SCALE - 1:100



Gem. goedkeuring, idesker
wettigheid of handelings
wettigheid of verrig. 1977. 1977
Ingevolge die Wet op Bepalinge
No. 103/1977 sies gewerkte verandering
met die bou of oprigting, oopstelling of
verandering aan 'n gebou of die eienaar
van die plaas vryweier om te te sien dat
die gebou opgerig, voltooi of ge-
opstreef word of gelyk of verander
word in ooreenstemming met die
bepalinge sies vervat in die Wet op
enige ander toepassing wet en regulasie.

OVERBERG STREEKBOUERS TREKMAN
GOEDKEURING OORRECHTING VAN VELLE OORRECHTING
APPROVED SUBJECT TO COMPLIANCE WITH THE BUILDING
WET OP BOUTSTANDAARDE 103 VAN 1977 sies gewerkte
103 STANDARDS ACT 103 VAN 1977 sies gewerkte
EN DIE NASIBUURLE BOUREGULASIES
NATIONAL BUILDING REGULATIONS
DATUM 05.08.94
DATE 05.08.94
Voorwaardes/Conditions:

OWNER SIGN.
DESIGNER SIGN. *26.6.74.*

SHED N° B + C

PROPOSED HAY +
IMPLEMENT SHEDS
ON "JARRAHNUP FARM"
SWARTTRIVIER RD
CALEDON.
FARM 781

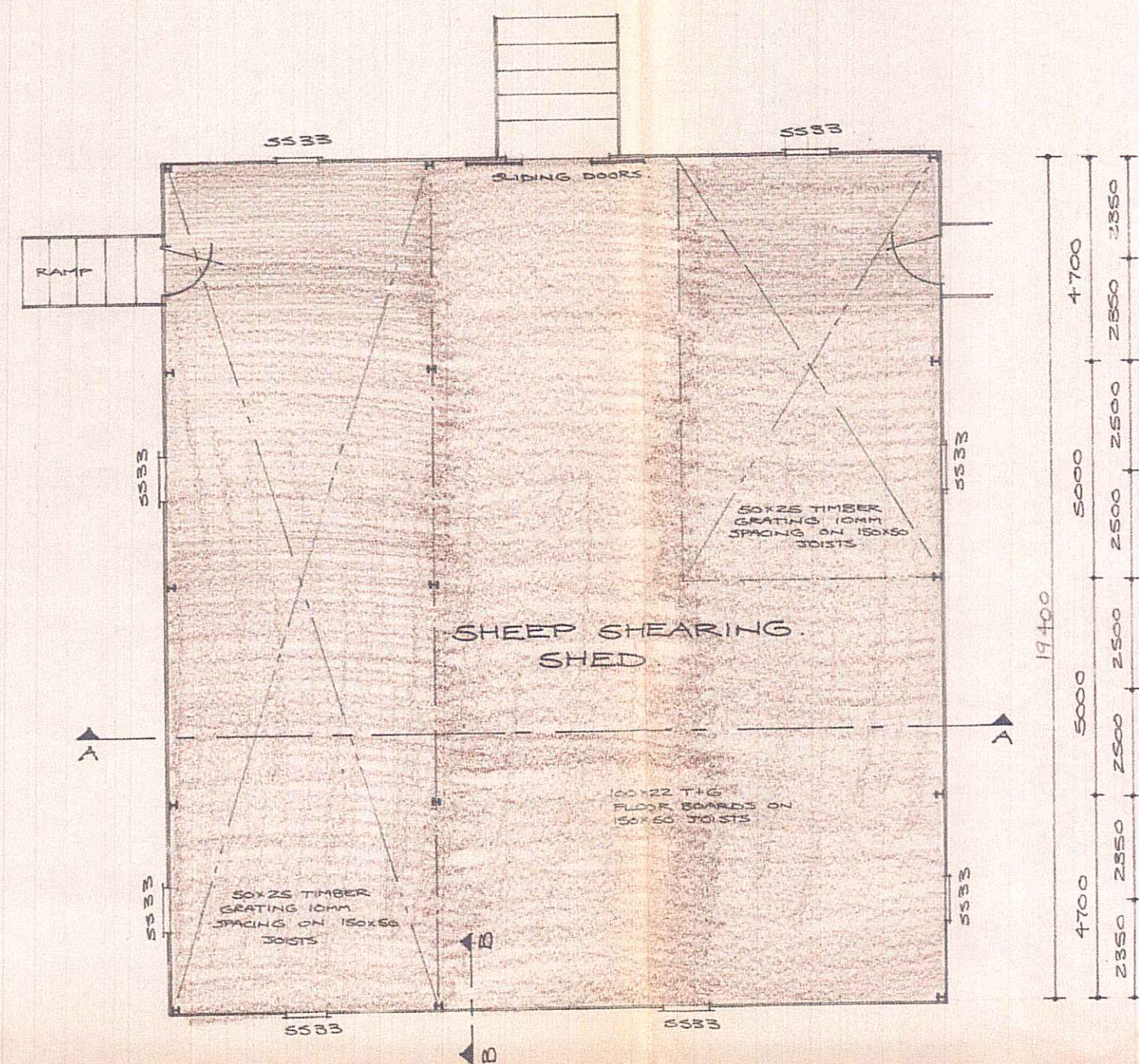
PLAN N° 01512 DRG. N° 3

**GARTH
DESIGNS
CARWELL**

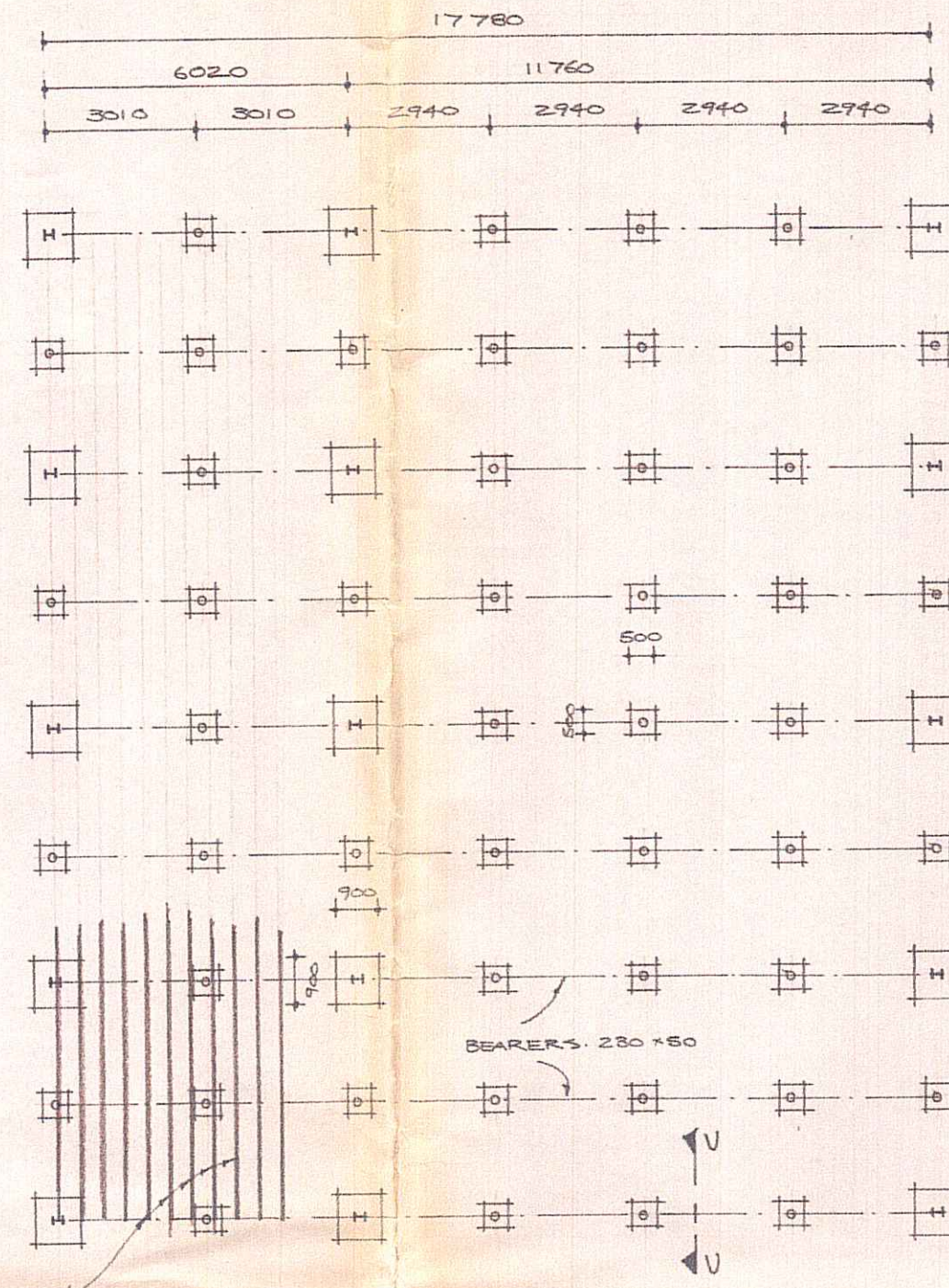
CREATIVE
ARCHITECTURAL
CONCEPTS

2 MARKHAM RD. CLAREMONT
7700
T-611841

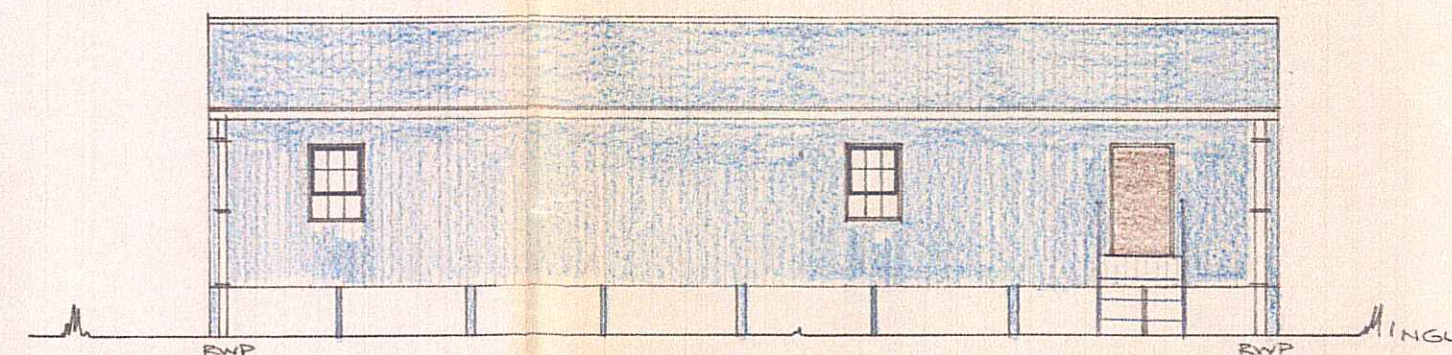
SCALE - 1:100 + 1:200



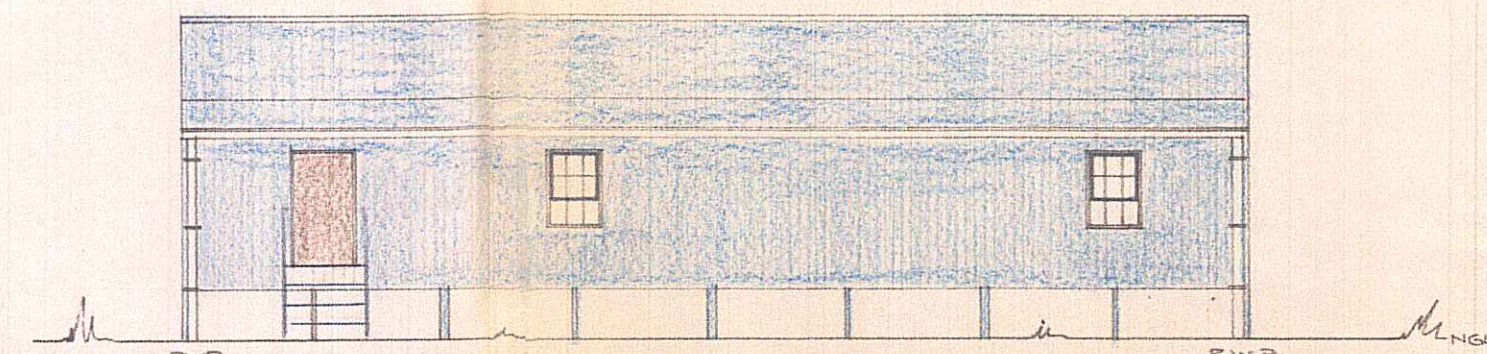
FLOOR PLAN.
1:100



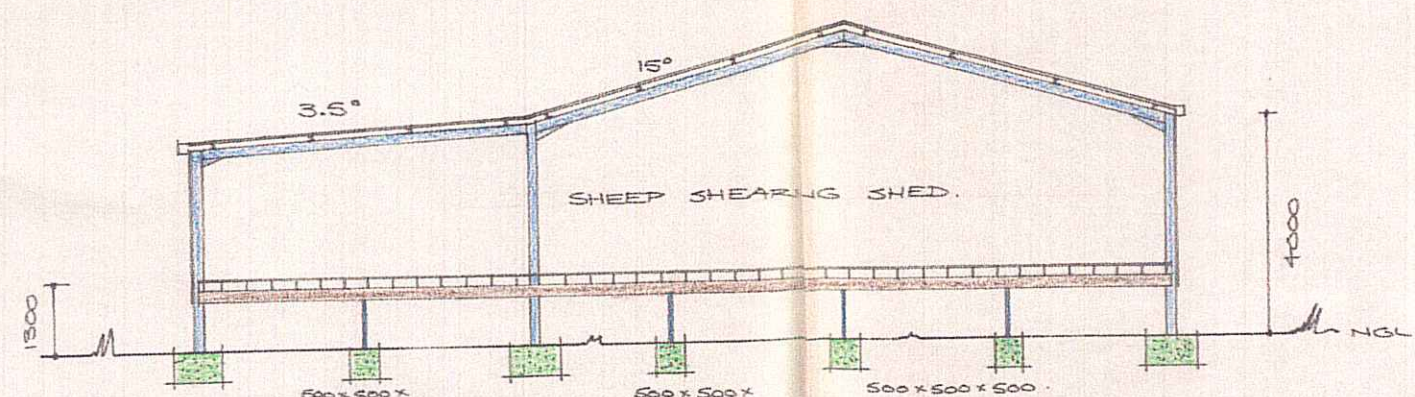
FOUNDATION PLAN.
1:100



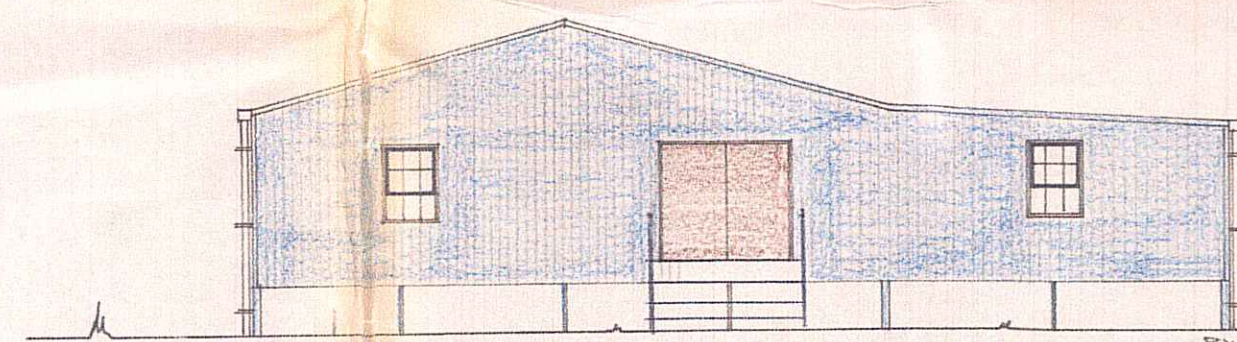
REAR ELEVATION.
1:100



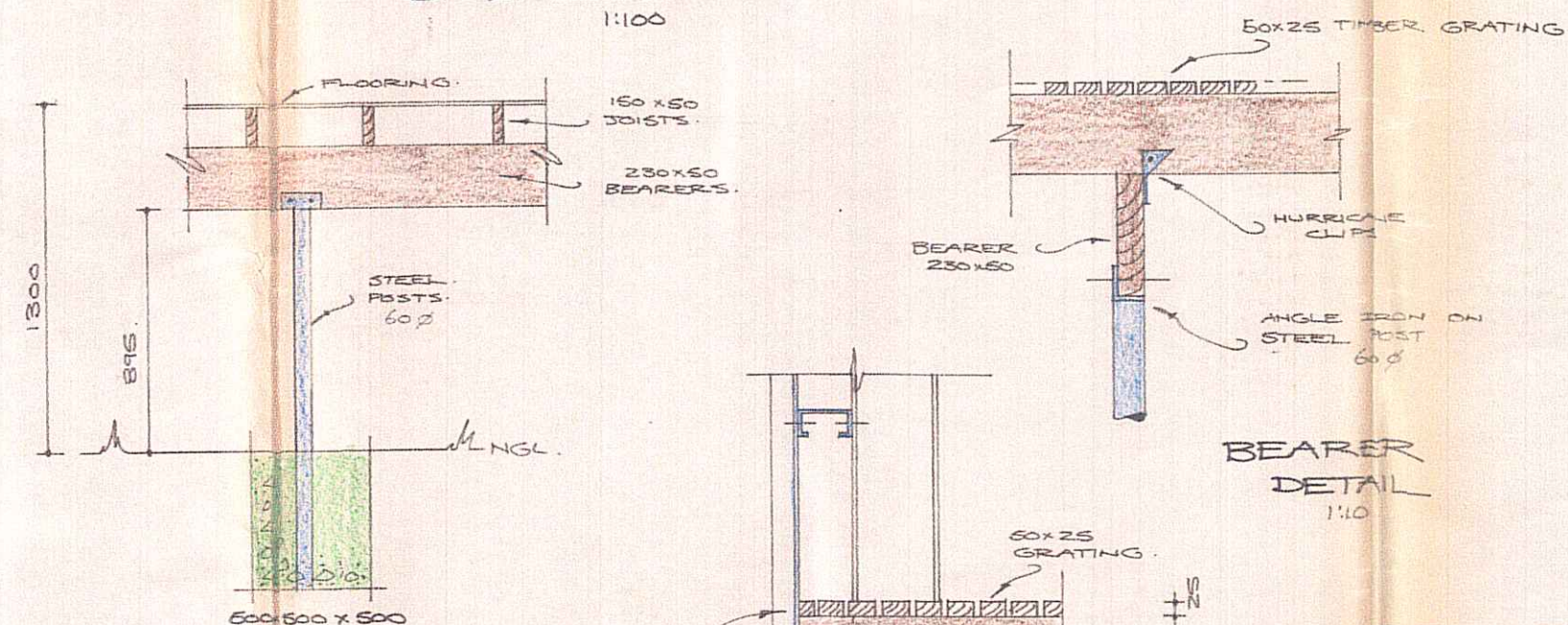
FRONT ELEVATION.
1:100



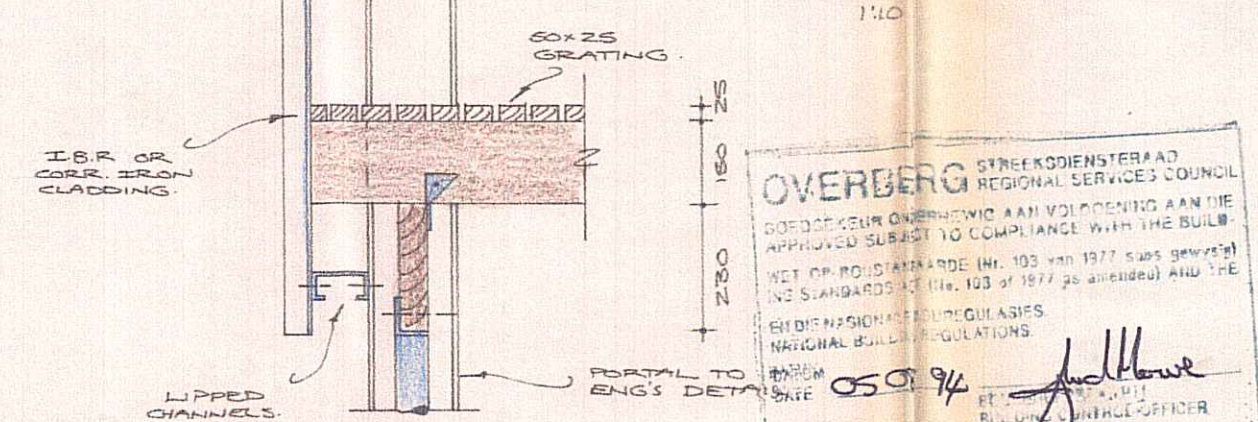
SECTION AA
1:100



SIDE ELEVATION.
1:100



POST DETAIL
SECTION CC
1:20



OVERBERG STREET KODIENSTERAAD REGIONAL SERVICES COUNCIL
GOEDKEUR OORVERNEEMING AAN VOLTOEGENING AAN DIE
APPROVED SUBJECT TO COMPLIANCE WITH THE BUILD-
ING STANDARDS ACT (No. 103 of 1977) AND THE
NATIONAL BUILDING REGULATIONS
DATE 05/09/94
FORWARDED/Comments

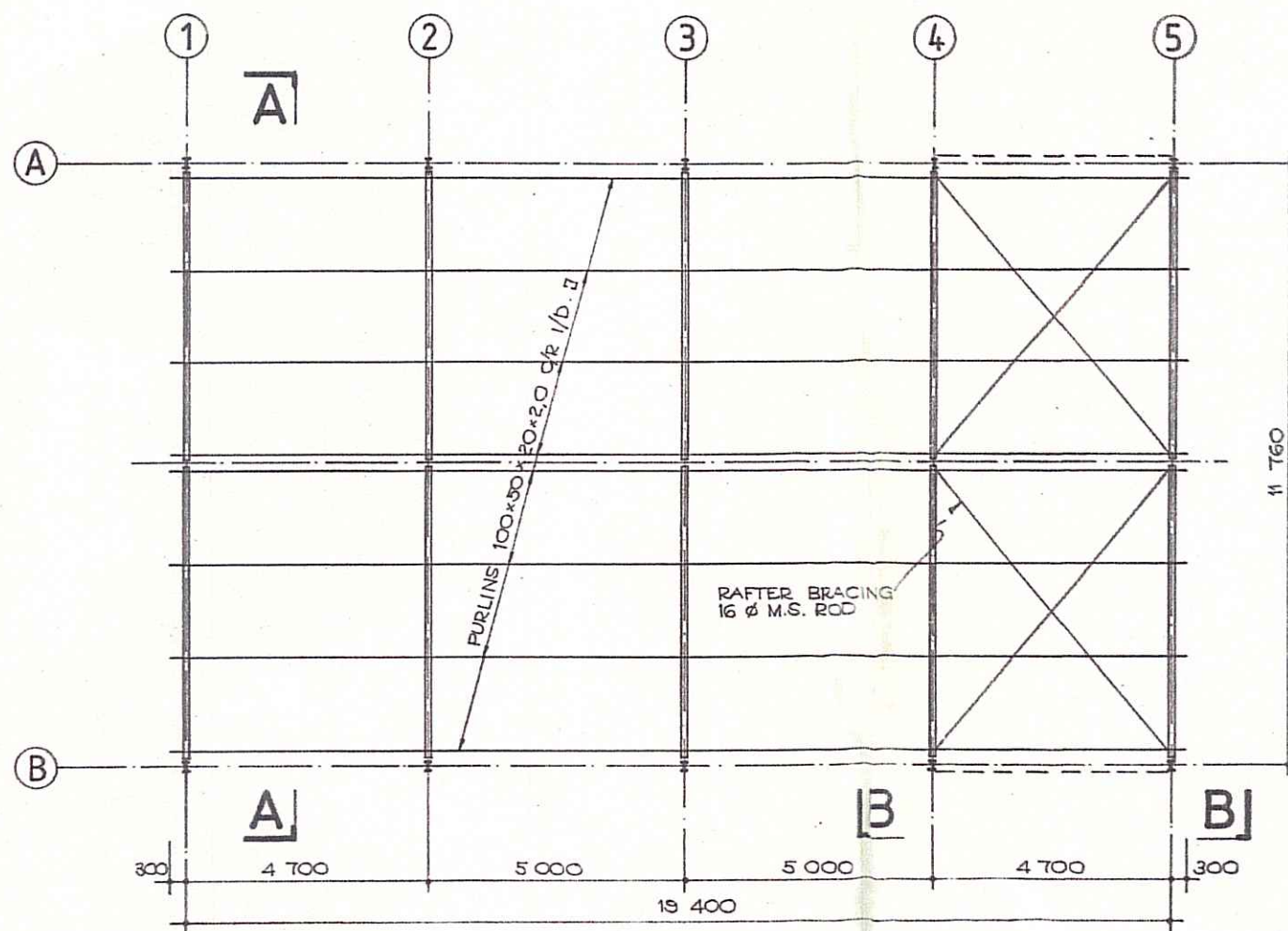
SECTION BB
1:10

OWNER SIGN.
DESIGNER SIGN. 29.6.94.
SHED NO A

PROPOSED SHEEP
SHEARING SHED
ON "JARRAHUP FARM"
SWARTKOP RD
CALEDON
FARM 781
PLAN NO 015152 DRG. NO 4

GARTH DESIGNS
CARVELL
CREATIVE
ARCHITECTURAL
CONCEPTS
2 MARKHAM RD. CLAREMONT
7700
T-611841

SCALE - 1:100 + 1:20 + 1:10



ROOF PLAN 1:100

BILL MARTIN AND ASSOCIATES
Engineers & Architects

9 Regentia Street
Pretoria 0001
021-2525 000
021-2525 001

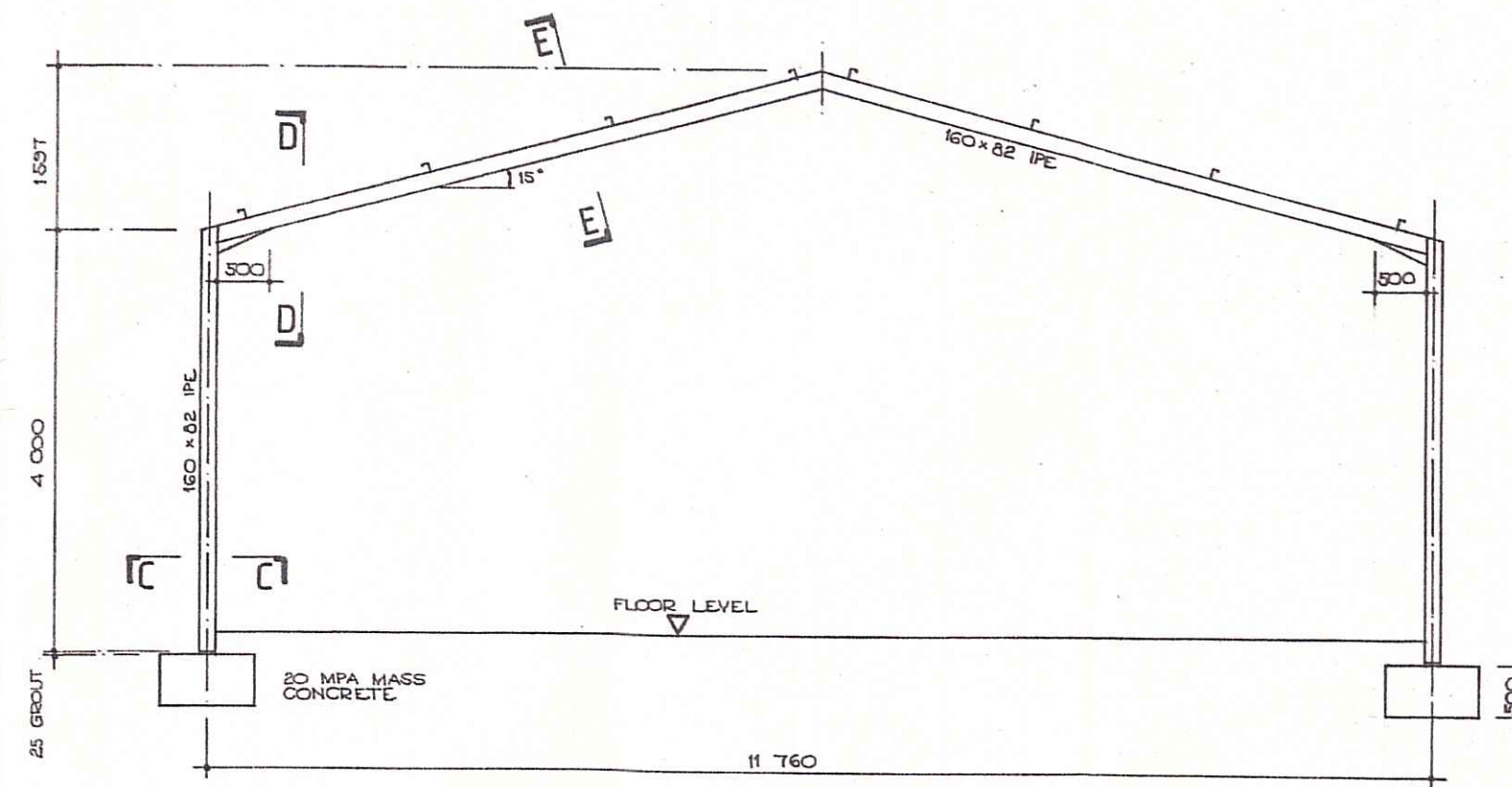
My Ref: 2081/WCCN/bm.
Friday 1st April, 1994.

TO WHOM IT MAY CONCERN.

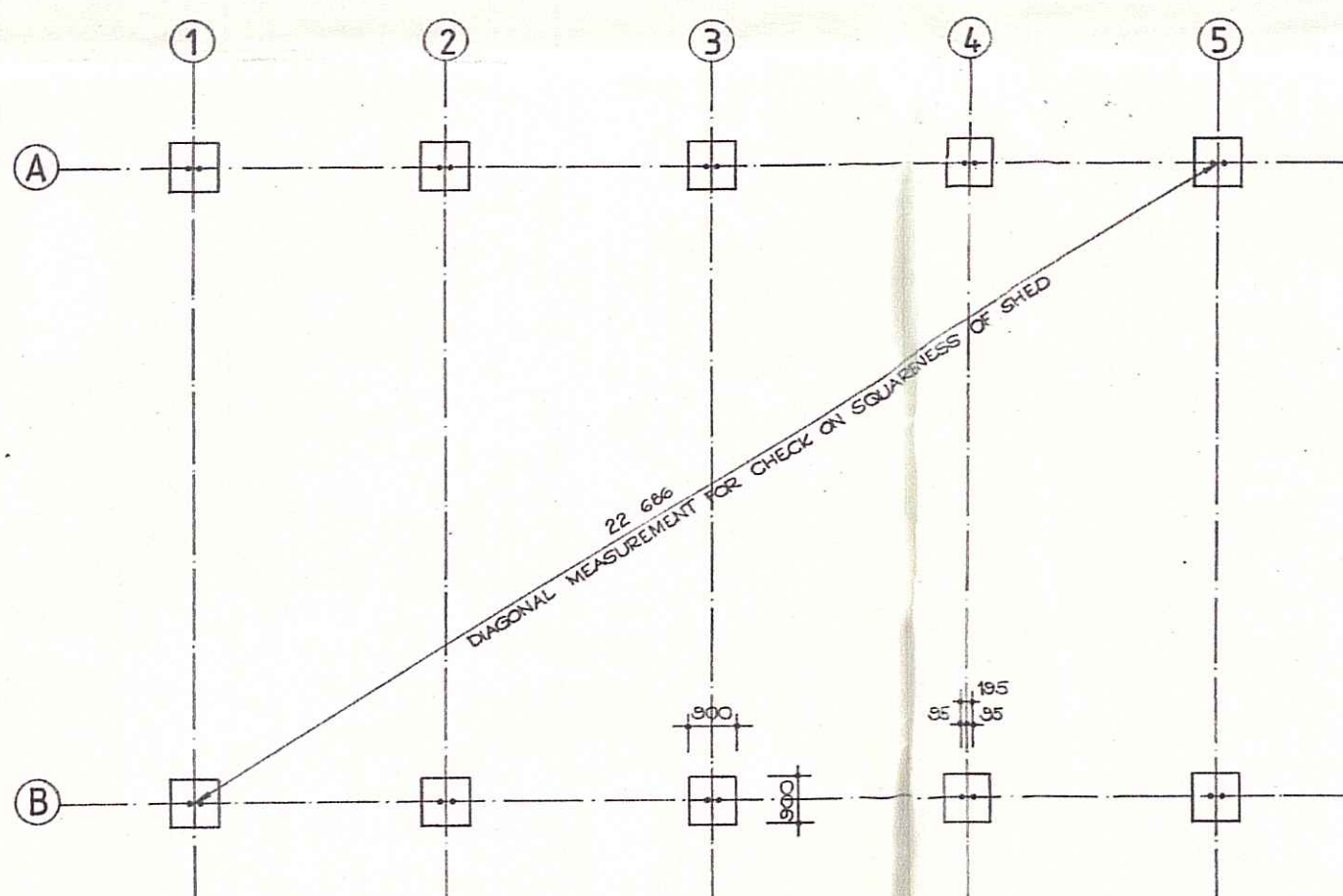
RE: STRUCTURAL STABILITY REPORT FOR 12m SPAN x 20m LONG x 4m HIGH STEEL STRUCTURE.

I confirm that I am the Engineer responsible for the design of the above steel structure which has been designed in accordance with the latest codes of practice and I certify that it is structurally stable.

Yours faithfully,
W.C.C. Martin
W.C.C. MARTIN.



SECTION A-A 1:50

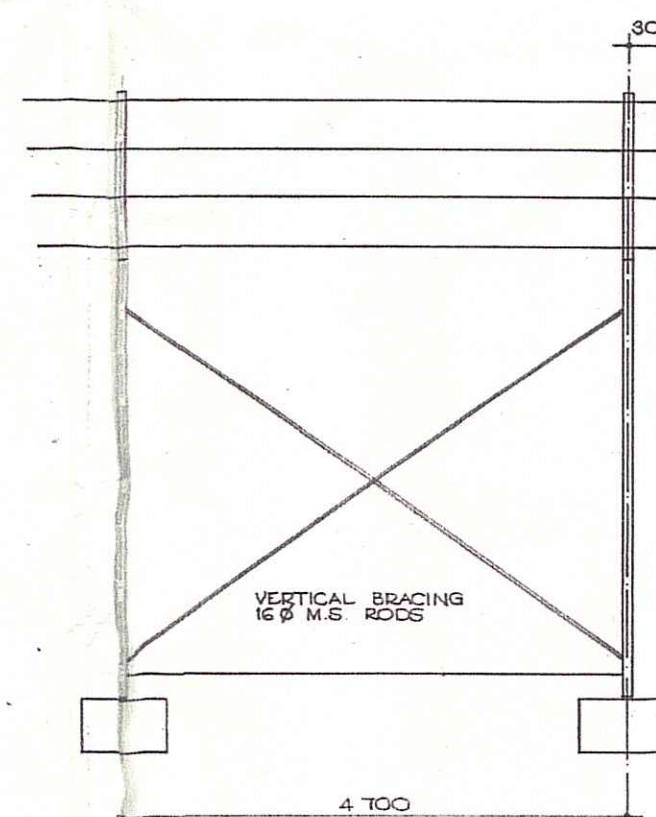


FOUNDATION PLAN 1:100

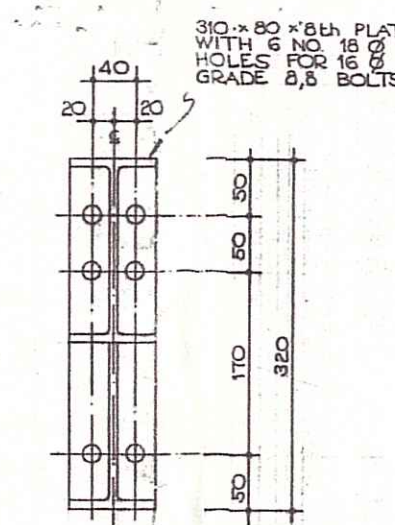
MATERIALS LIST:
10 TRUSSES x 6M LONG
10 COLUMNS x 4M LONG
16 PURLINS x 10M LONG
8 BRACINGS x 6M LONG

BOLT REQUIREMENTS:
50 x 16 MM Ø x 40 MM LONG
48 x 10 MM Ø x 25 MM LONG
20 x 16 MM Ø x 500 MM LONG (FOUNDATIONS)

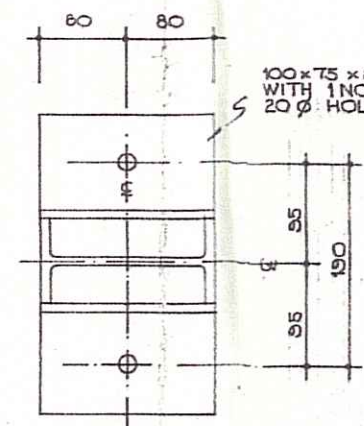
ROOFING SHEETS:
60 SHEETS x 6,6 M LONG x 686 COVERAGE
IBR PROFILE



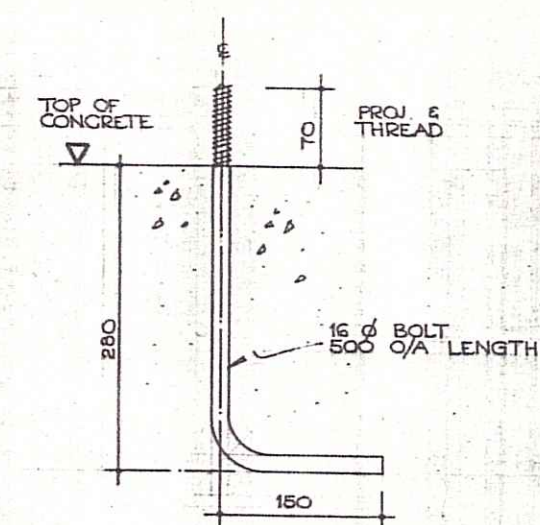
ELEVATION B-B 1:50



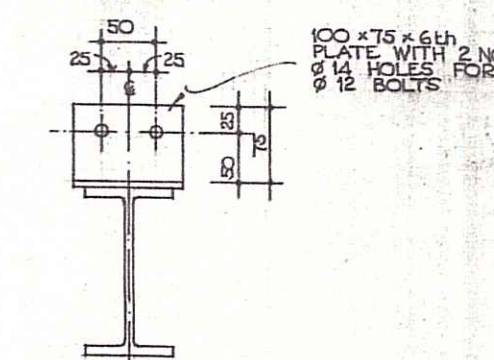
SECTION D-D 1:5



SECTION C-C 1:5

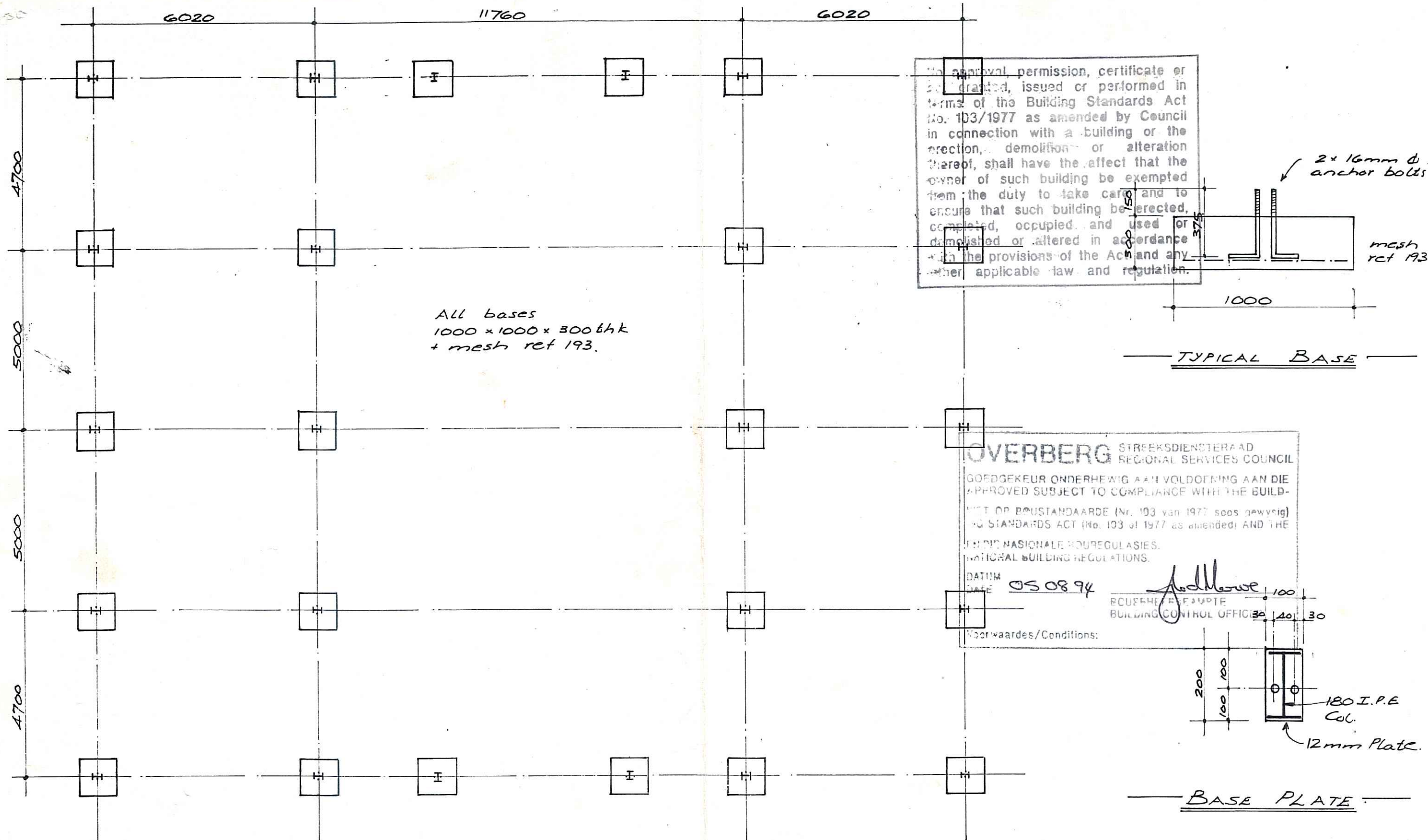


H.D. BOLT DETAIL 1:5
20 no. off



SECTION E-E 1:5

OVERBERG STREEKDIENSTERAAD
REGIONAL SERVICES COUNCIL
GOEDGEKEUR OORDEELIG AAN VBLBBERING AAN DIE
APPROVED SUBJECT TO COMPLIANCE WITH THE BUILD-
ING STANDARDS ACT (No. 103 of 1977 as amended) AND THE
NATIONAL BUILDING REGULATIONS.
DATUM
DATE 05.08.94
BOUREHEER/RECAPTE
BUILDING CONTROL OFFICER



1:100 PLAN OF FOUNDATIONS

NOTES

- This drawing is to be read in conjunction with all relevant Architect's drawings.
- All dimensions are to be checked on site against Architect's drawings.
- Dimensions must not be scaled off this drawing.
- All reinforced concrete work is to be done in accordance with SABS 0100 or latest amendment thereof.
- All structural steelwork is to be done in accordance with SABS 1200H - 1980 or latest amendment thereof.
- The Contractor is responsible for maintaining the reinforcement in the correct position at all times.

- No cast of concrete is to be undertaken without the Engineer's approval.
- All concrete shall be vibrated.
- All structural timber work to be done in accordance with SABS 082 1988 or latest amendment thereof.
- All structural brickwork to be in accordance with SABS 0145 1978 and SABS 0164 1980.
- All waterproofing to Architects or Specialists details and specifications.
- All structural timber work to be approved by the Engineer.

BETONMENGSELS/CONCRETE MIXES

MEMBER-DEEL	COVER-BEDEKKING	MINIMUM WORKS CUBE CRUSHING STRENGTH AT 28 DAYS MINIMUM WERKSE DRUK STERKTE NA 28 DAE
Bases	70mm	20MPa

PROJECT/PROJEK

KEVIN WILLIAMS, Farm 781
SWART RIVER Rd. CALEDON.

DETAILS/BESONDERHEDE

FOUNDATIONS

MICHAEL DORER STRUCTURAL ENGINEER

101, BLOCK 8, TOKAI VILLAGE
VANS RD, TOKAI 7945

FAX 72-7205

Pr.Eng. Reg.No.870369

PHONE 72-2396

DATE/DATUM 27. 6. 94

ARCHITECT/ARGITEK

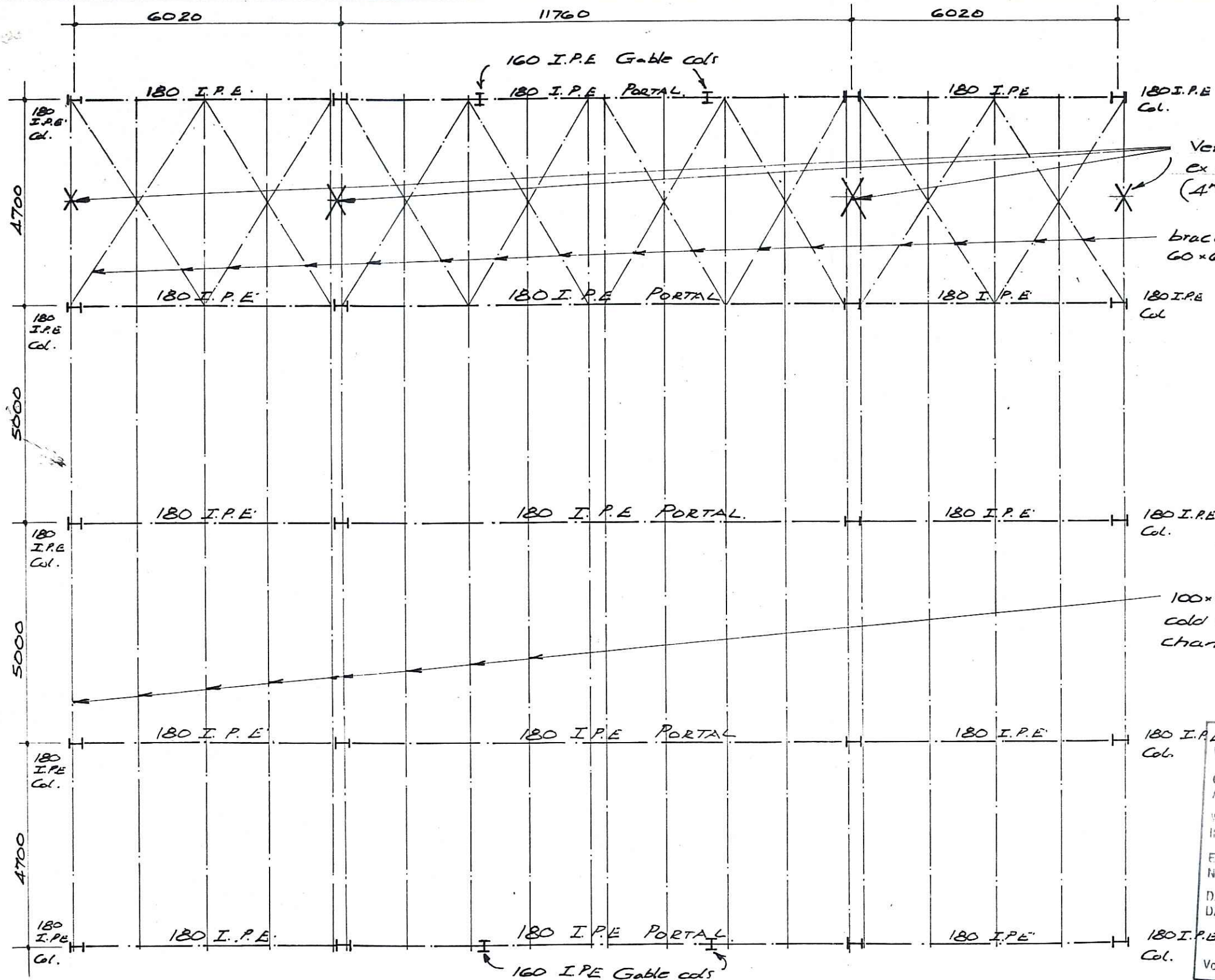
DESIGNED/ONTWERP M.D

Garth Carnell

CHECKED/NAGESIEN M.D

No.

3185/1.



No approval, permission, certificate or
act granted, issued or performed in
terms of the Building Standards Act
No. 103/1977 as amended by Council
in connection with a building or the
erection, demolition or alteration
thereof, shall have the effect that the
owner of such building be exempted
from the duty to take care and to
ensure that such building be erected,
completed, occupied and used or
demolished or altered in accordance
with the provisions of the Act and any
other applicable law and regulation.

OVERBERG STREEKDIENSTERAAD
REGIONAL SERVICES COUNCIL

GOTGEKEUR ONDERHEWIG AAN VOLDOENING AAN DIE
APPROVED SUBJECT TO COMPLIANCE WITH THE BUILD-
ING STANDARDS ACT (No. 103 of 1977 as amended) AND THE
NATIONAL BUILDING REGULATIONS.

DATUM
DATE 05 08 94

BOUWHEER/BEAMPT
BUILDING CONTROL OFFICER

Voorwaardes/Conditions:

1:100 PLAN OF ROOF CONSTRUCTION

NOTES

- This drawing is to be read in conjunction with all relevant Architect's drawings.
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- All structural steelwork is to be done in accordance with SABS 1200H - 1980 or latest amendment thereof.
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ment in the correct position at all times.

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- All concrete shall be vibrated.
- All structural timber work to be done in accordance with SABS 082 1988 or latest amendment thereof.
- All structural brickwork to be in accordance with SABS 0145 1978 and SABS 0164 1980.
- All waterproofing to Architects or Specialists details and specifications.
- All structural timber work to be approved by the Engineer.

BETONMENGSELS/CONCRETE MIXES

MEMBER-DEEL	COVER-BEDEKKING	MINIMUM WORKS CUBE CRUSHING STRENGTH AT 28 DAYS MINIMUM WERKS DUK STERKTE NA 28 DAE

PROJECT/PROJEK

KEVIN WILLIAMS Farm 7B1.
SWART RIVER RD. CALEDON.

DETAILS/BESONDERHEDE

ROOF CONSTRUCTION

MICHAEL DORER STRUCTURAL ENGINEER

101, BLOCK 8, TOKAI VILLAGE
VANS RD, TOKAI 7945

FAX 72-7205

Pr.Eng.Reg.No.870369

PHONE 72-2396

DATE/DATUM 27.6.94

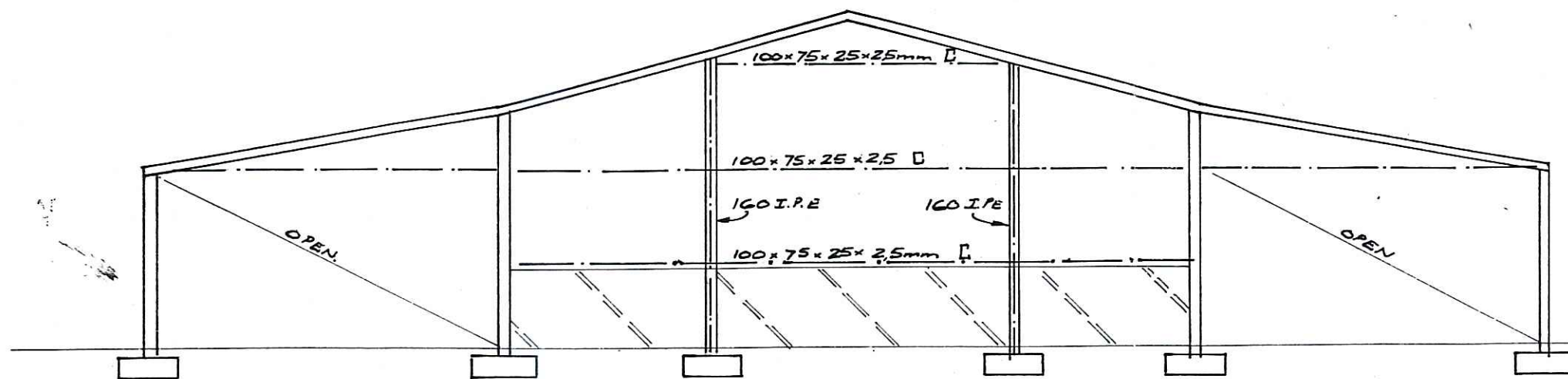
ARCHITECT/ARGITEK

DESIGNED/ONTWERP M.D

Garth Carnell

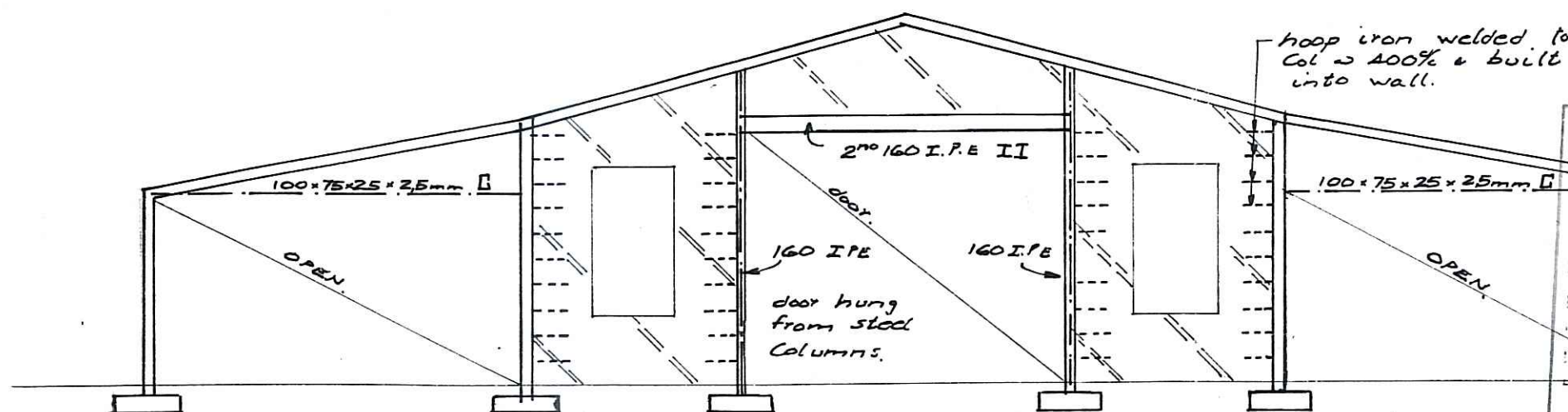
CHECKED/NAGESIEN M.D

No.
3185/2



1:100 REAR ELEVATION

My approval, permission, certificate or other official approval is hereby given in terms of the Building Regulations No. 103/1977 as amended, in connection with a building or structure, and I have no objection to the construction of such building or structure, and I hereby declare that the building or structure is in accordance with the provisions of the Building Regulations No. 103/1977 as amended, and I hereby declare that the building or structure is in accordance with the provisions of the Building Regulations No. 103/1977 as amended, and I hereby declare that the building or structure is in accordance with the provisions of the Building Regulations No. 103/1977 as amended.



1:100 FRONT ELEVATION

OVERBERG STREEKSDIENSTERAAD
REGIONAL SERVICES COUNCIL

GOETGE KEUR ONDERHEWIG AAN VOLDOENING AAN DIE
APPROVED SUBJECT TO COMPLIANCE WITH THE BUILD-
ING STANDARDS ACT (No. 103 of 1977 as amended) AND THE
NATIONAL BUILDING REGULATIONS.

DATUM / DATE: 05.08.94

BOUWHEER / ARCHITECT: J. Williams

BUILDING CONTROL OFFICER

Verwaardes/Conditions:

NOTES

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- ment in the correct position at all times.
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- All structural brickwork to be in accordance with SABS 0145 1978 and SABS 0164 1980.
- All waterproofing to Architects or Specialists details and specifications.
- All structural timber work to be approved by the Engineer.

BETONMENGSELS/CONCRETE MIXES

MEMBER-DEEL	COVER-BEDEKKING	MINIMUM WORK/CUBE CRUSHING STRENGTH AT 28 DAYS MINIMUM WERK/S DUK STERKTE NA 28 DAE

PROJECT/PROJEK

KEVIN WILLIAMS Farm 781
SWART RIVER RD. CALEDON.

DETAILS/BESONDERHEDE

ELEVATIONS.

MICHAEL DORER STRUCTURAL ENGINEER

101, BLOCK 8, TOKAI VILLAGE
VANS RD, TOKAI 7945

FAX 72-7205

Pr.Eng. Reg.No.870369

PHONE 72-2396

DATE/DATUM: 28.6.94

ARCHITECT/ARGITEK

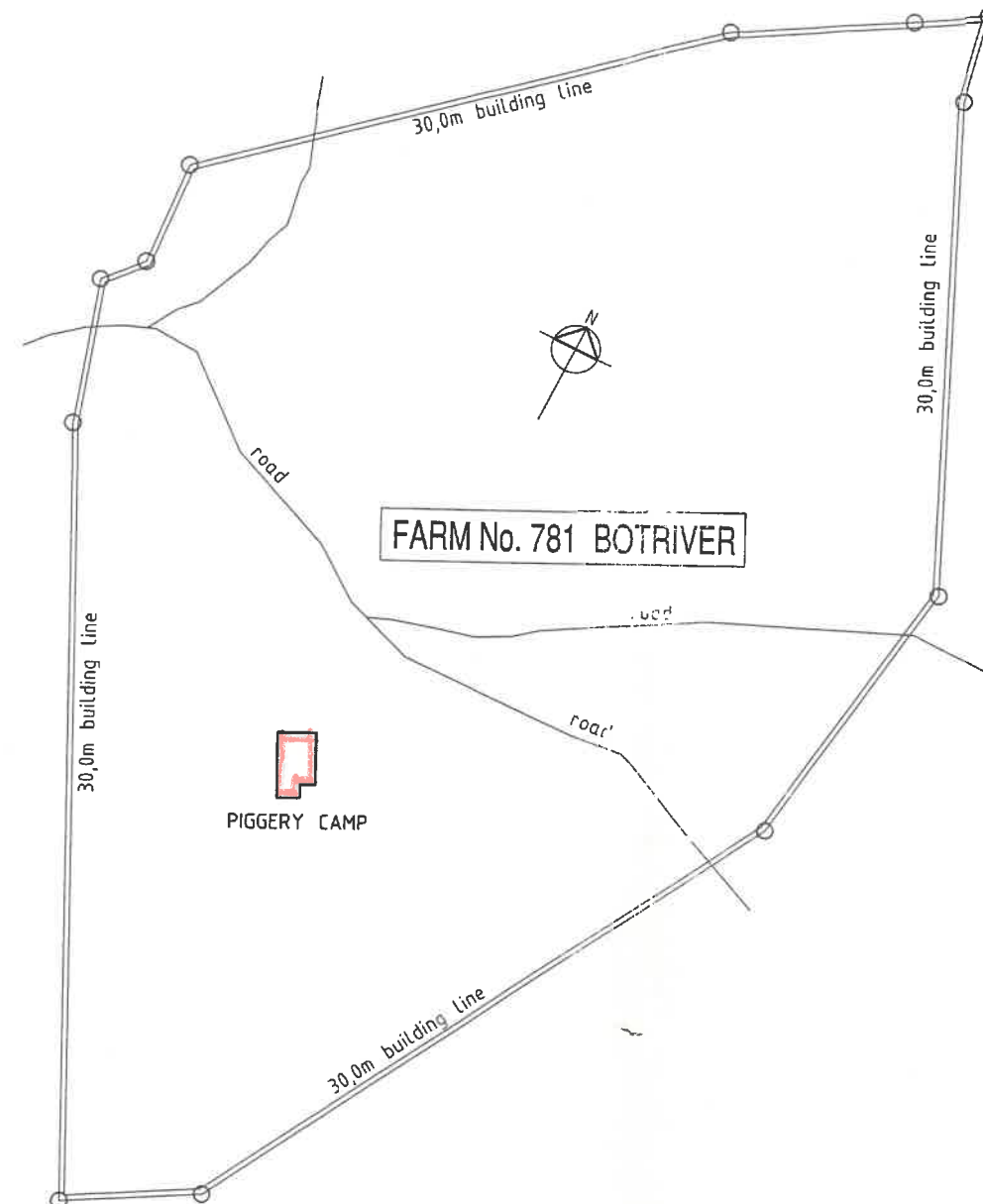
DESIGNED/ONTWERP: M.D.

Garth Carnel.

CHECKED/NAGESIEN: MD

No.

3185/4



Munisipaliteit THEEWATERSKLOOF Munisipaliteit
 BOUPLAN NR. C/BR/2011 ERF NO. FARM 781
 BUILDING PLAN NO. RECEIPT NO.
 PLANGELDEONTVANG 34 233 WIT. NR. 1602127
 PLAN FEES RECEIVED R.
 DATUM 21/03/2011 GOEDGEKEUR [Signature]
 DATE APPROVED
 BOUWHEERDEKANTE / BUILDING CONTROL OFFICER

NOTE
 SEE SURVEYOR GENERALS DIAGRAM No. 1764/8

FARM No. 781 BOTRIVER
 NEW PIGGERY
 THE JARRAHNUP FARM TRUST

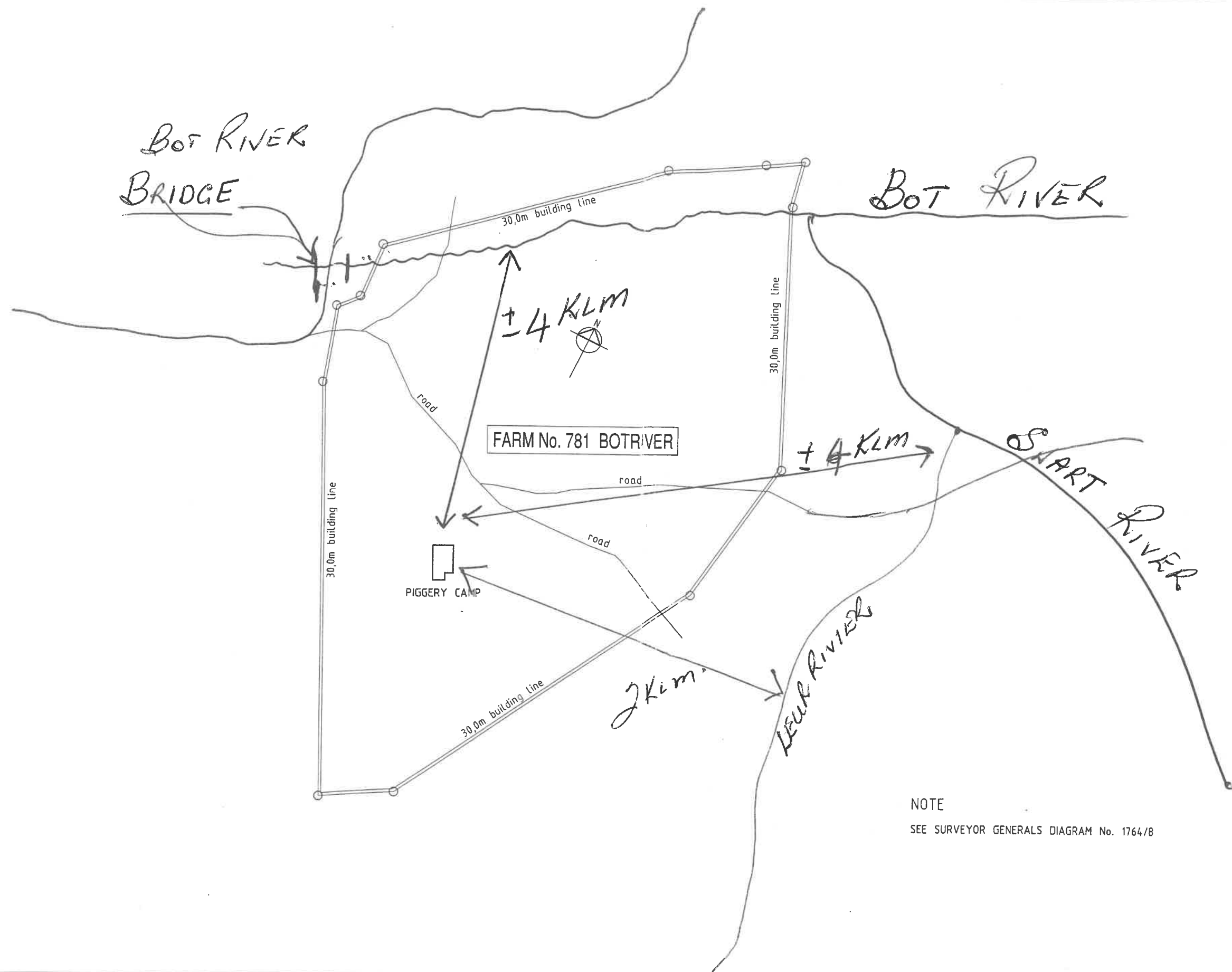
WORKING DRAWING
 SITE PLAN

DRAWN P. BOND
 DATE 10 MARCH 2011
 SCALE 1:2500

GUY WHITTLE ARCHITECT
 STANFORD
 028 3410917

DWG. NO.
 11/02/1

[Handwritten signature]



NOTE

SEE SURVEYOR GENERALS DIAGRAM No. 1764/8

FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
SITE PLAN

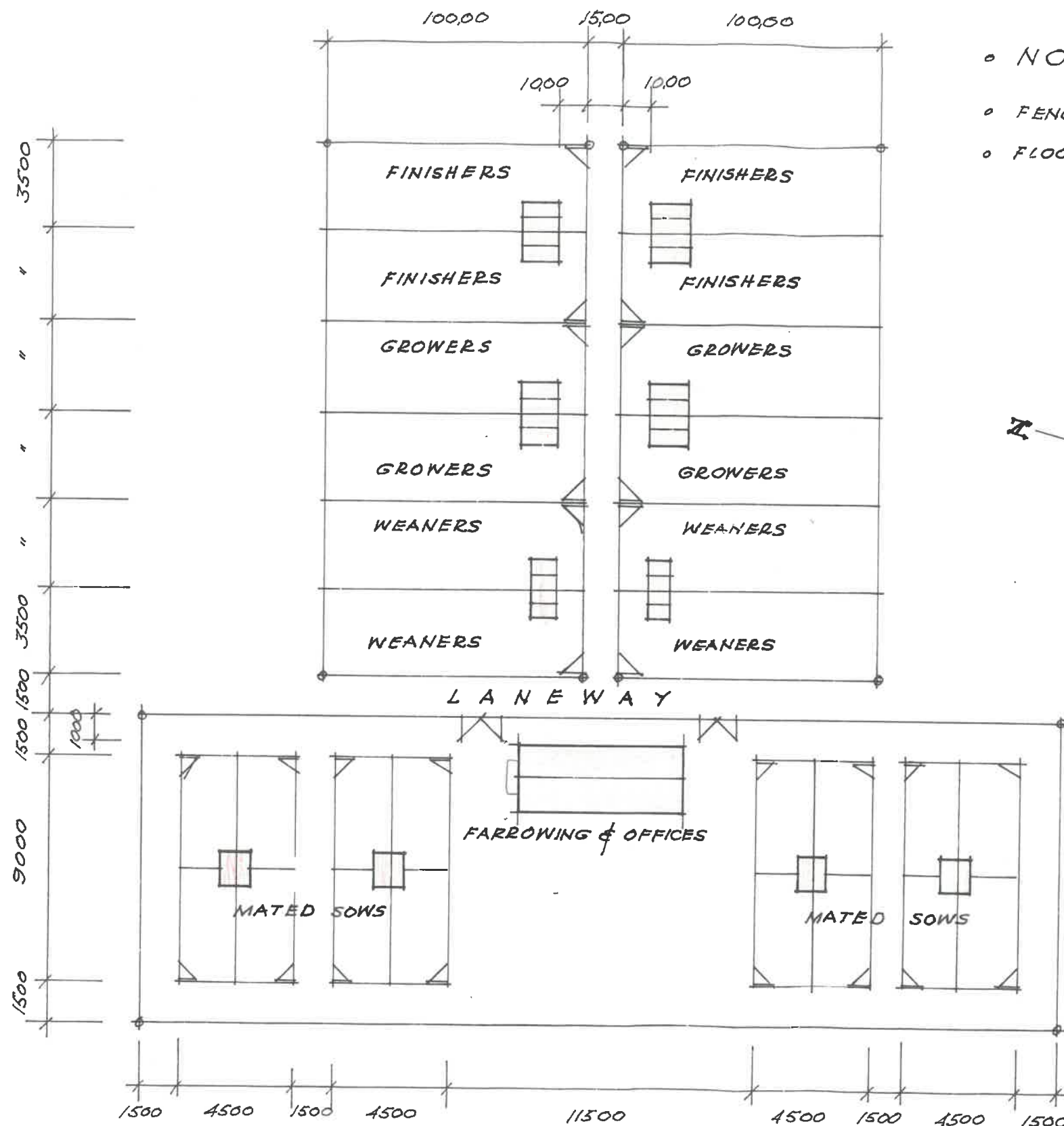
DRAWN P. BOND

DATE 10 MARCH 2011

SCALE 1:2500

GUY WHITTLE ARCHITECT
STANFORD
028 3410917

DWG. NO.
11/02/1

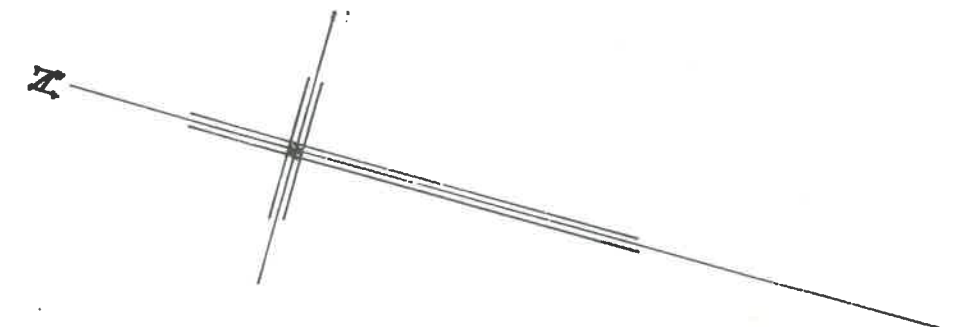


• NOTES •

• FENCING • All fencing 1200 high.

• FLOOR AREAS • m²

• FINISHERS	730,95
• GROWERS	730,95
• WEANERS	489,55
• MATED SOWS	735,19
• FARROWING	1632,19
• OFFICES	114,53
• TOTAL	4433,36 m ²



• SITE PLAN •

Municipaliteit THEEWATERSKLOOF Municipality

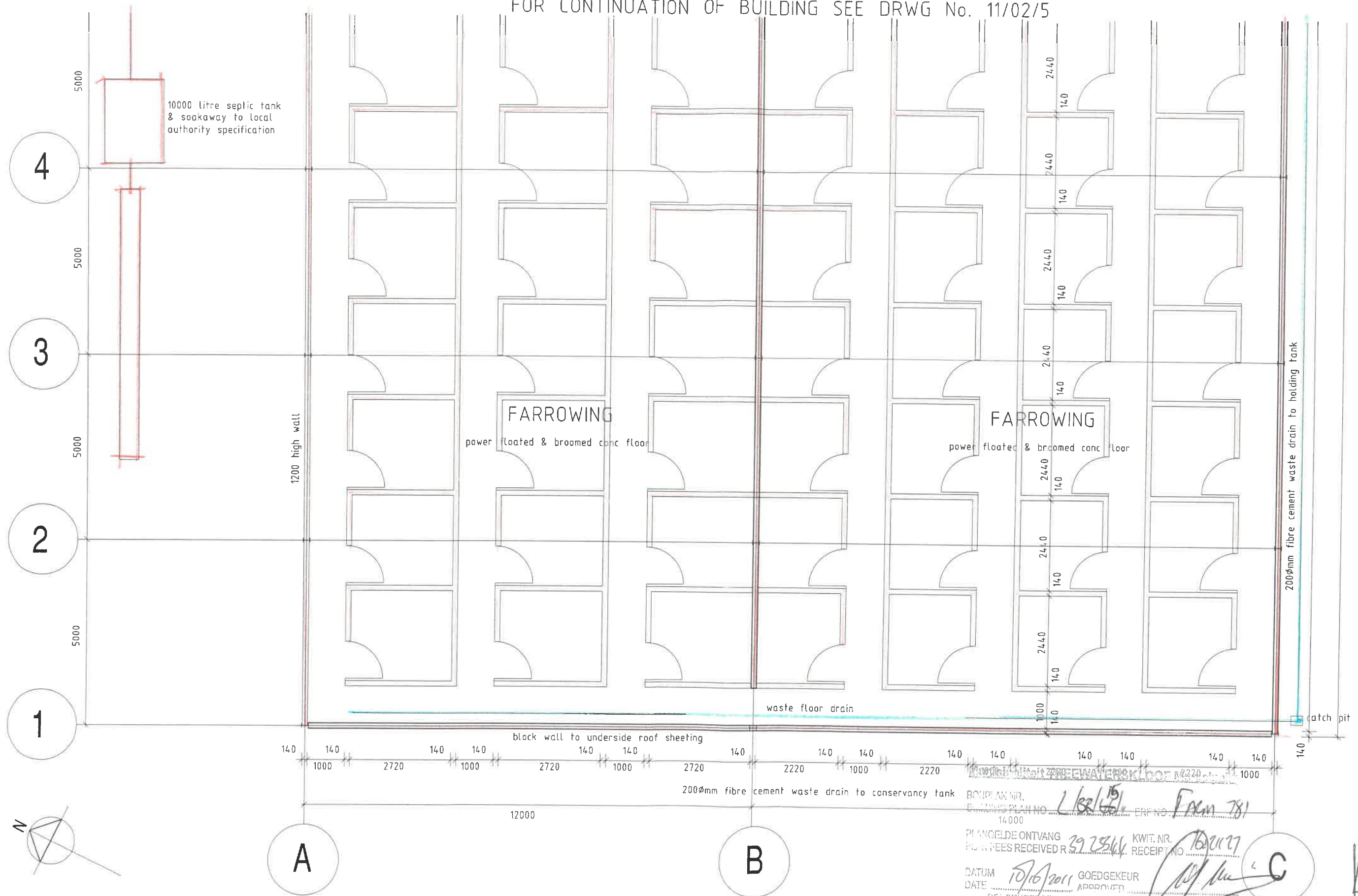
BOUPLAN NR. 1/88/1/1 ERF NO. Farm 781

PLANGELDE ONTVANG 3723/11 KWIT. NR. 16021127
PLAN FEES RECEIVED R. RECEIPT NO.

DATUM 19/10/2011 GOEDGEKEUR APPROVED
DATE 19/10/2011 APPROVED
BOUDEHEERDEWYDE / BUILDING CONTROL OFFICER

• FARM N° 781 BOT RIVER • NEW PIGGERY • THE JARRAHNUP FARM TRUST •
• Scale 1:200 • Draw. N° 11/02/02R • Omy Whittle Architect Stanford • 082 876 0492 • July 25, 2011 •

FOR CONTINUATION OF BUILDING SEE DRWG No. 11/02/5



FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
PART PLAN
FARROWING & OFFICES

DRAWN P. BOND
DATE 10 MARCH 2011
SCALE 1:100

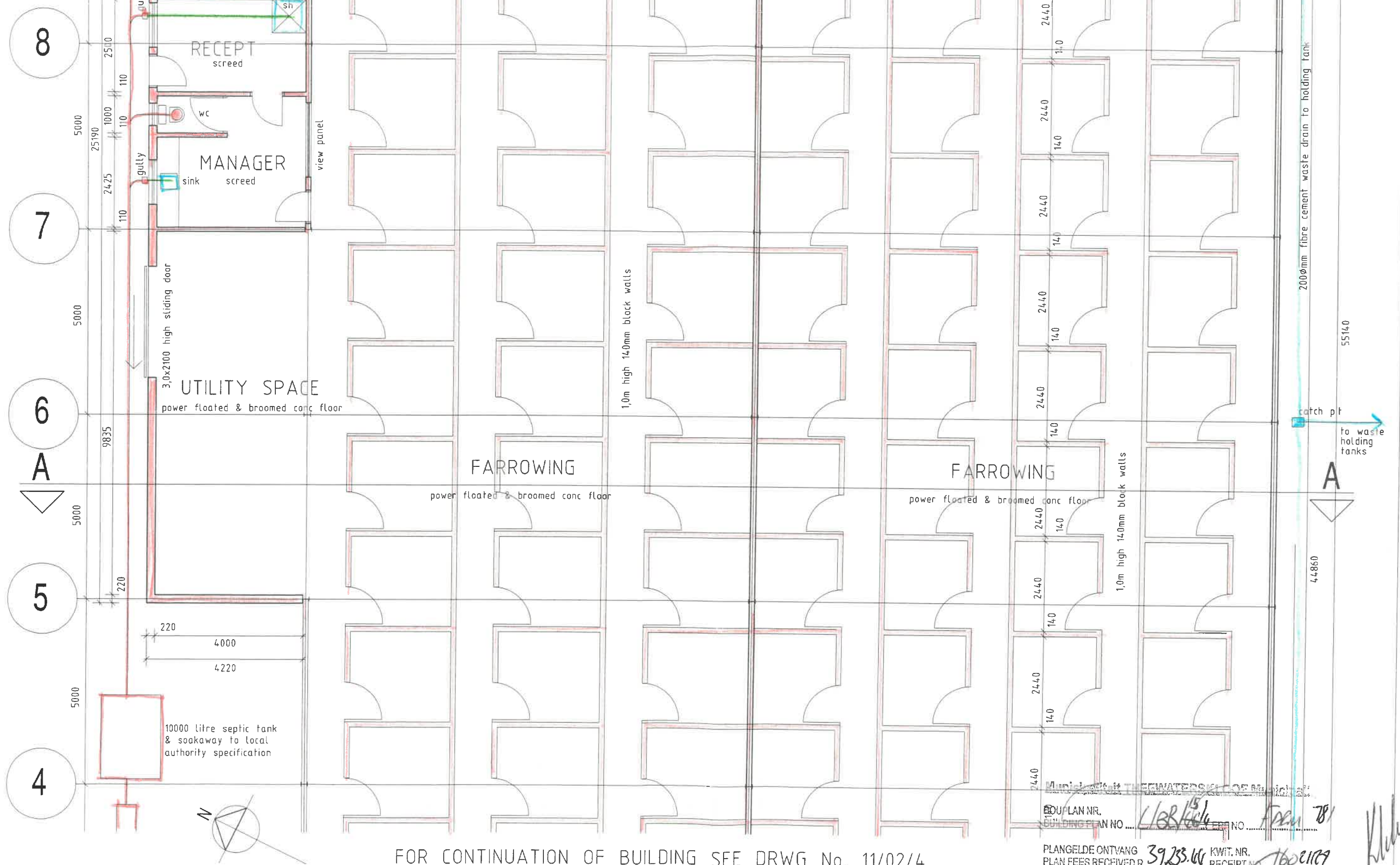
GUY WHITTLE ARCHITECT
STANFORD
028 3410917

DWG. NO.
11/02/4

BOUPLAN NR. 1/22/15
BUILDING PLAN NO. 14000 ERF NO. 781
PLAATSE ONTVANG 39 23566 KWIT. NR. 160117
BETRIJF RECEIVED R. RECEIPT NO.
DATUM 10/16/2011 GOEDGEKEUR APPROVED
BOUWERLIDENANT / BUILDING CONTROL OFFICER

Handwritten signature

FOR CONTINUATION OF BUILDING SEE DRWG No. 11/02/6



FOR CONTINUATION OF BUILDING SEE DRWG No. 11/02/4

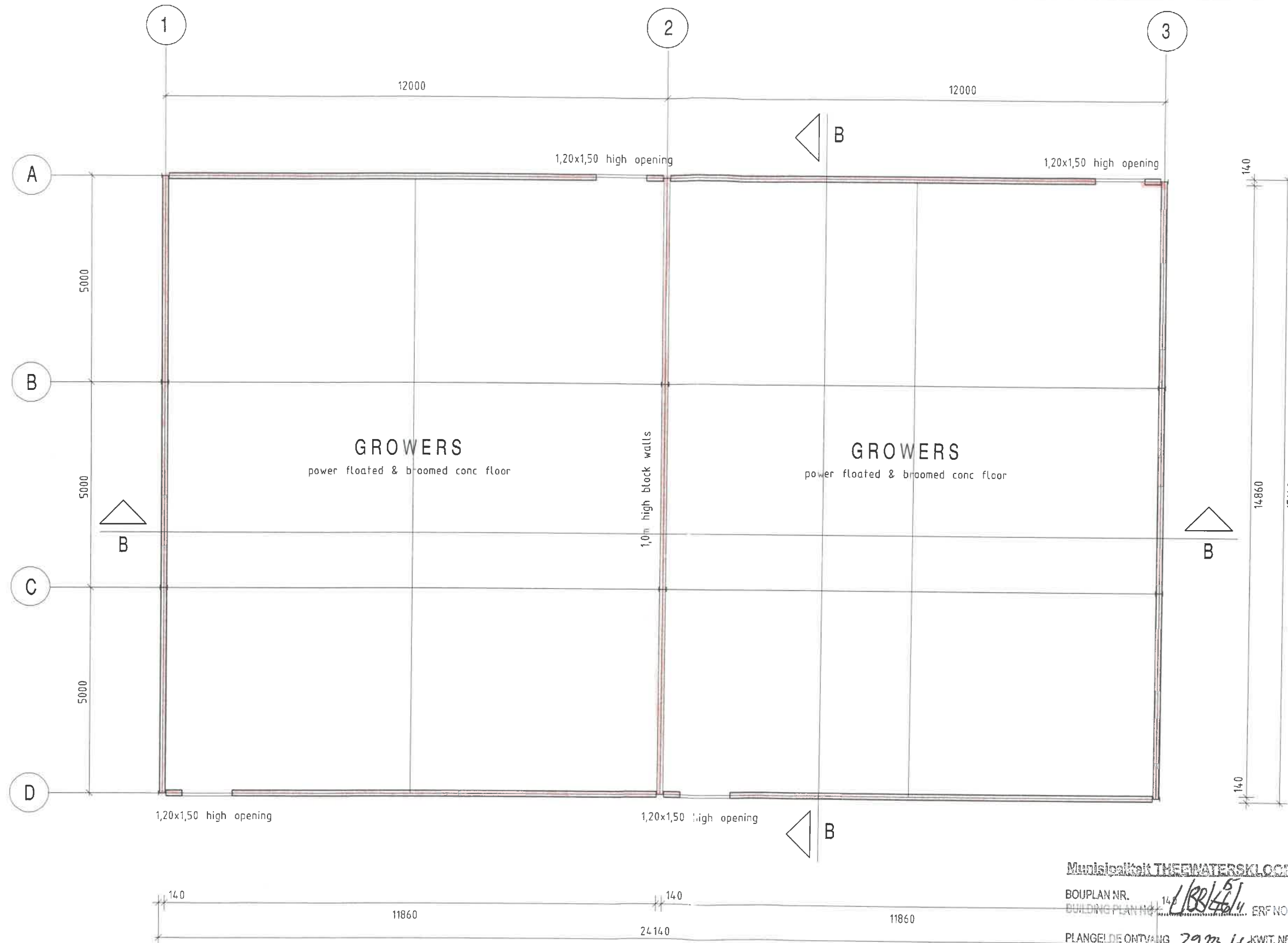
FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
PART PLAN
FARROWING & OFFICES

DRAWN P. BOND
DATE 10 MARCH 2011
SCALE 1:100

PLANGELDE ONTVANG 39,233.66 KWIT. NR. 16021179
PLAN FEES RECEIVED R RECEIPT NO
GUY WHITTLE ARCHITECT
STANFORD
028 3410917

DWG. NO.
11/02/5



GROWERS x 2

Munisipaliteit THEEWATERSKLOOF Municipality

BOUPLAN NR. 140/BB/46/1/4 ERF NO. Farm 781

PLANGELDEONTVAING 39235.66 KWT. NR. 1602/1271

PLAN FEES RECEIVED R. RECEIPT NO. 10/10/2011

DATUM 10/10/2011 GOEDGEKEUR APPROVED

FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
GROWERS

DRAWN P. BOND

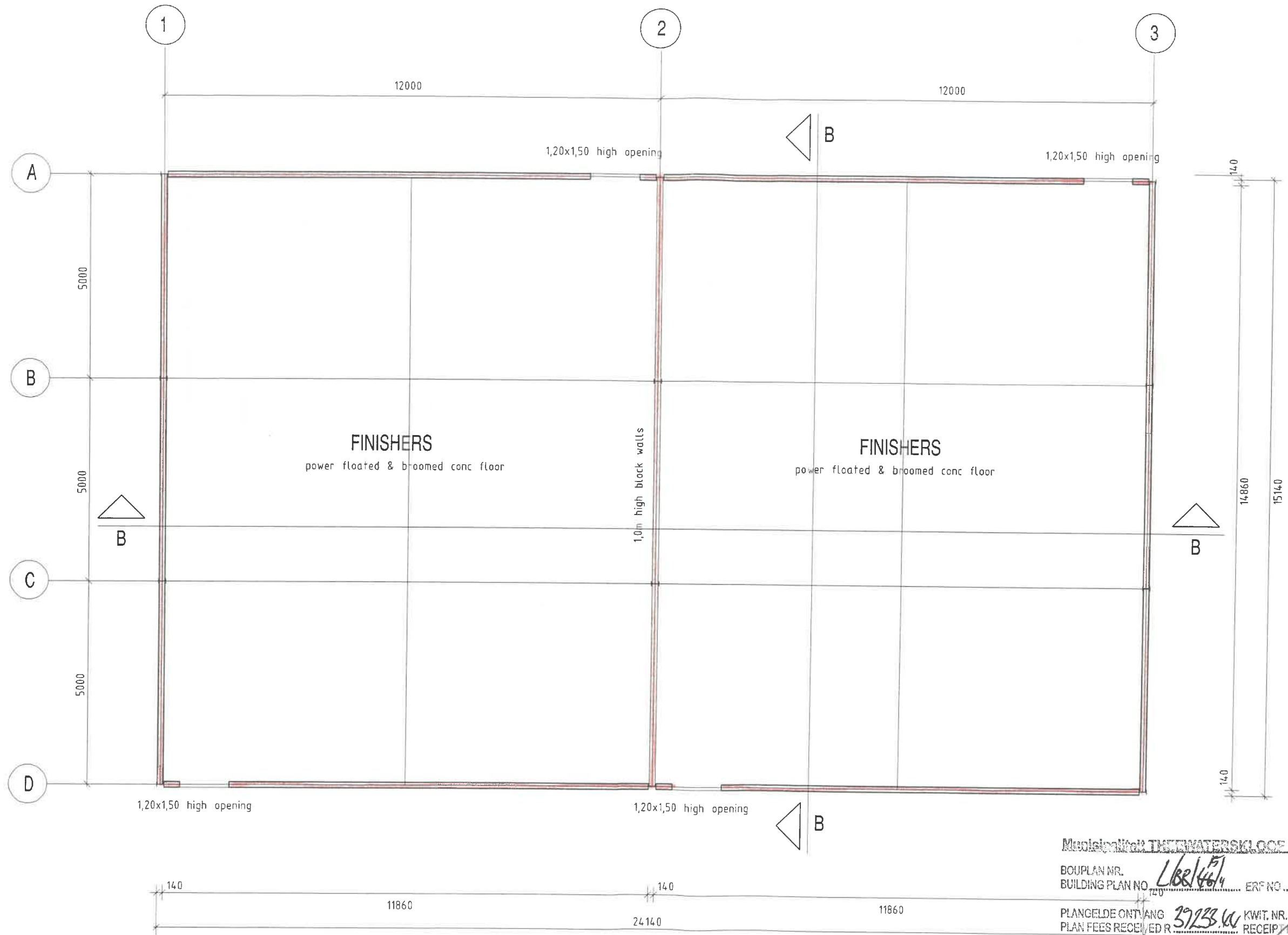
DATE 10 MARCH 2011

SCALE 1:100

GUY WHITTLE ARCHITECT

STANFORD
028 3410917

DWG. NO.
11/027



Municipaliteit TWEEDWATERSKLOOF Municipality

BOUPLAN NR. 168/461

BUILDING PLAN NO. 168/461 ERF NO. Farm 781

PLANGELDE ONTVANG 3723.00 KWT. NR. 10-2117

PLAN FEES RECEIVED R. RECEIPT NO.

DATUM 10/03/2011 GOEDGEKEUR APPROVED

DATE 10/03/2011 APPROVED

BOUWER/DEBENT/ BUILDING OFFICER

FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
FINISHERS

DRAWN P. BOND

DATE 10 MARCH 2011

SCALE 1:100

GUY WHITTLE ARCHITECT

STANFORD
028 3410917

DWG. NO.
11/02/8



Municipaliteit THEEWATERSKLOOF Municipality

DOUPLAN NR. 110045/14 ERF NO. FARM 781

BUILDING PLAN NO. 3723/44 KWT. NR. 1608/1127

PLANGELDE ONTVANG PLAN FEES RECEIVED R. 1608/1127

DATUM 17/03/2011 GOEDKEUR APPROVED

DATE 17/03/2011 APPROVED

REGISTERED ARCHITECT GUY WHITTLE

FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
WEANERS

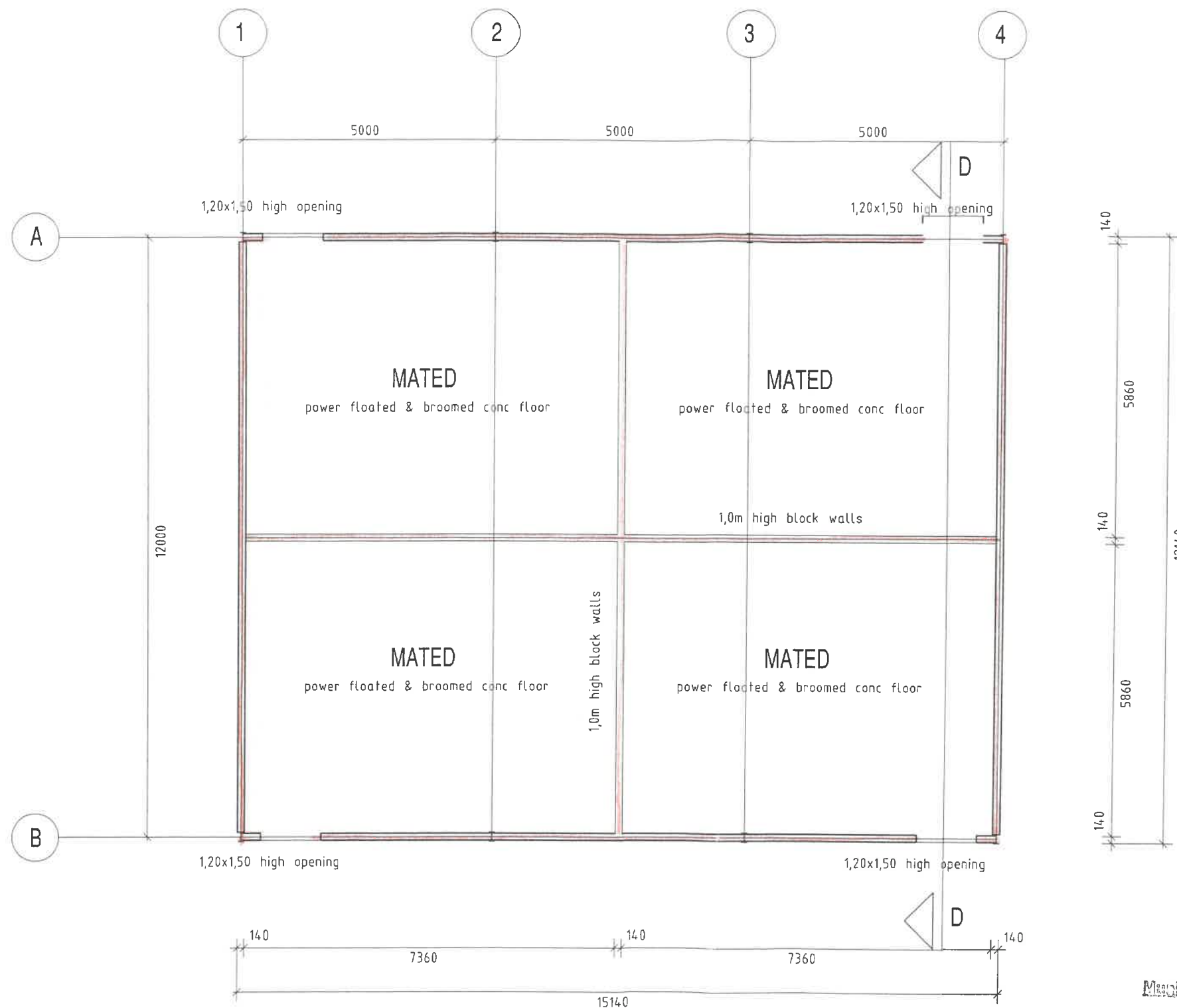
DRAWN P. BOND

DATE 10 MARCH 2011

SCALE 1: 100

GUY WHITTLE ARCHITECT
STANFORD
028 3410917

DWG. NO.
11/029



MATED SHEDS x 4

Munisipalekhet THEWATERSKLOOF Municipality

BOUPLAN NR. 4/2011/11 ERF NO. 781

PLANGELDE ONTVANG 37233 66 KWIT. NR. 781/127
PLAN FEES RECEIVED R. 16000 RECEIPT NO.

DATUM 15/10/2011 GOEDGEKEUR
DATE 15/10/2011 APPROVED
BOUWERECHTE WATTE BUILDING CONTROL OFFICER

FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
MATED

DRAWN P. BOND

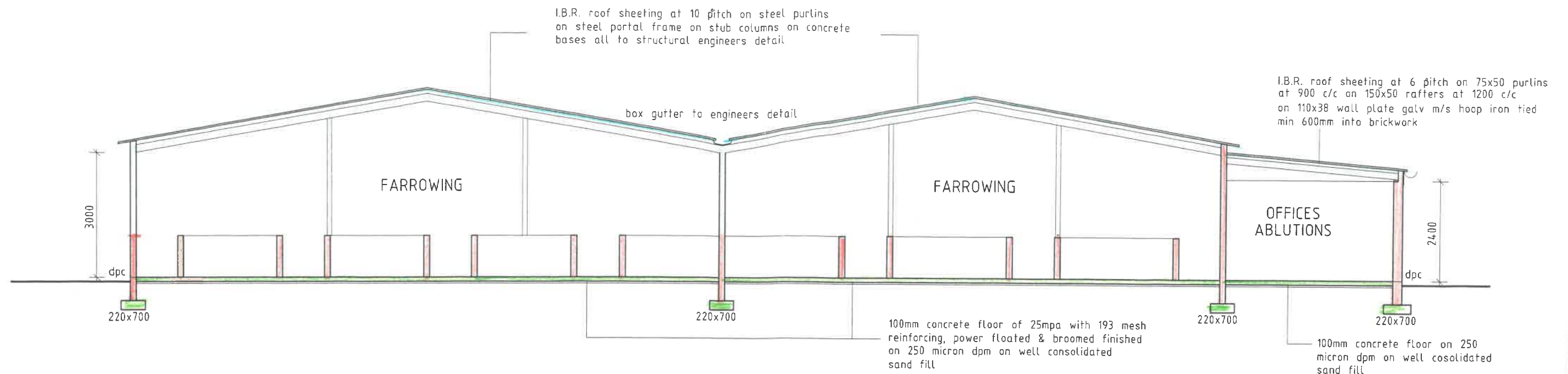
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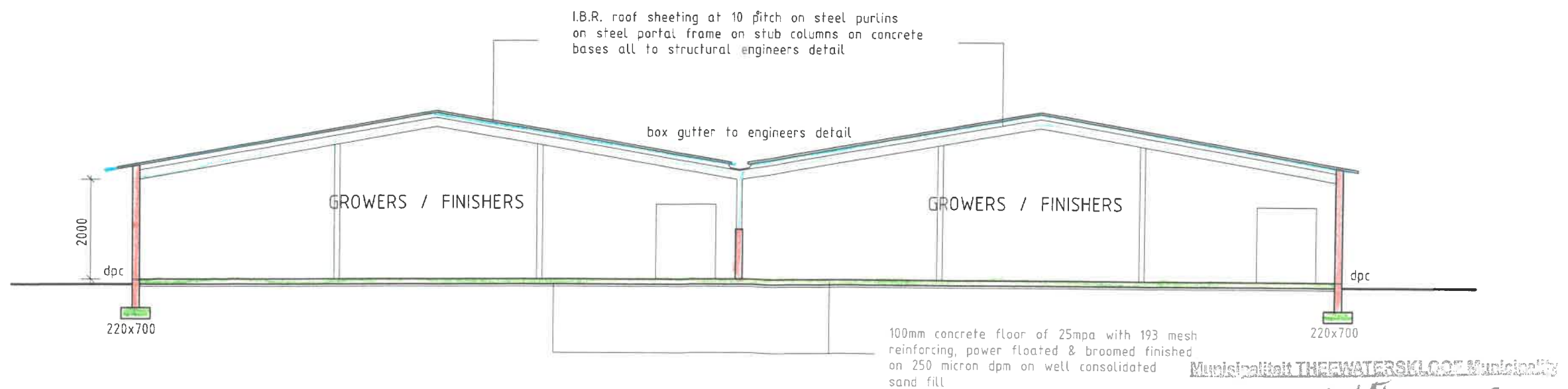
GUY WHITTLE ARCHITECT

STANFORD
028 3410917

DWG. NO.
11/02/10



SECTION A A



SECTION B B

Munisipaliteit THEEWATERSKLOOF

BOUPLAN NR. 1/88/1/51 ERF NO. 1608/1127

PLANGELDE ONTVANG 392346 KWT. NR. 1608/1127

DATUM 12/03/2011 GOEDGEKEUR APPROVED

BOUDEKEERSCHEPTE / BUILDING CONTROL OFFICER

FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
SECTIONS

DRAWN P. BOND

DATE 10 MARCH 2011

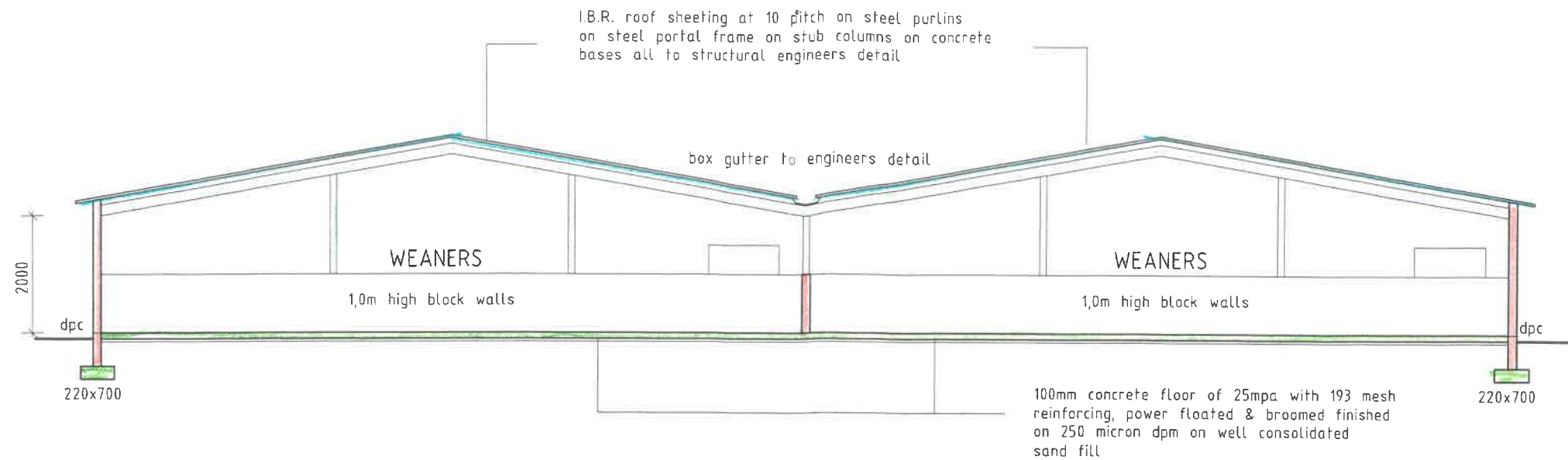
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GUY WHITTLE ARCHITECT

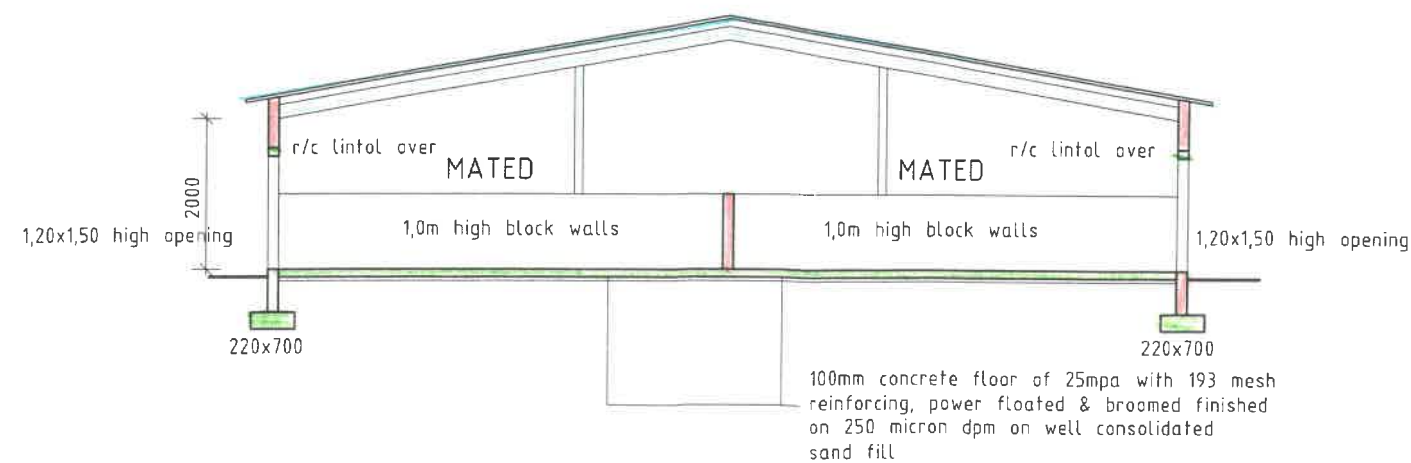
STANFORD

028 3410917

DWG. NO.
11/02/11



SECTION C C



SECTION D D

Munisipaliteit THE WATERSKLOOF
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 BUILDING PLAN NO. 37236 KWT. NR. 16021127
 PLANGELDE ONTVANG 10/10/2011 GOEDGEKEUR [Signature]
 PLAN FEES RECEIVED R. 10/10/2011 RECEIPT NO. 10/10/2011
 DATUM 10/10/2011 GOEDGEKEUR [Signature]
 DATE 10/10/2011 APPROVED [Signature]
 BOUWER/CONSULTANT/ENGINEER [Signature]

FARM No. 781 BOTRIVER
 NEW PIGGERY
 THE JARRAHNUP FARM TRUST

WORKING DRAWING
 SECTIONS

DRAWN P. BOND

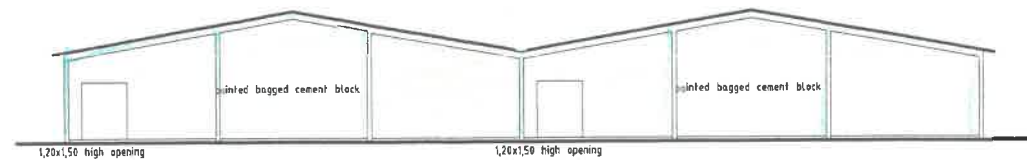
DATE 10 MARCH 2011

SCALE 1: 100

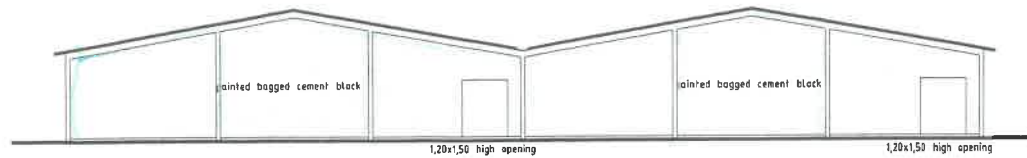
GUY WHITTLE ARCHITECT

STANFORD
 028 3410917

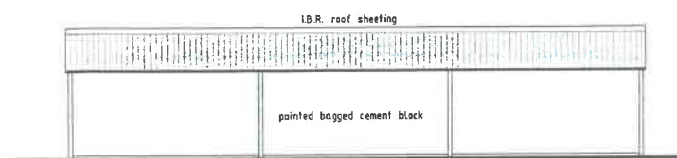
DWG. NO.
 11/02/12



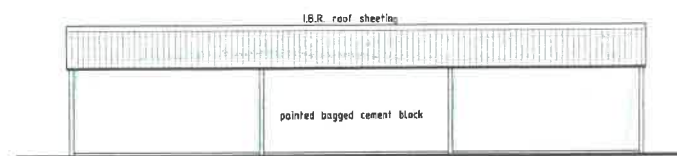
EAST ELEVATION



WEST ELEVATION

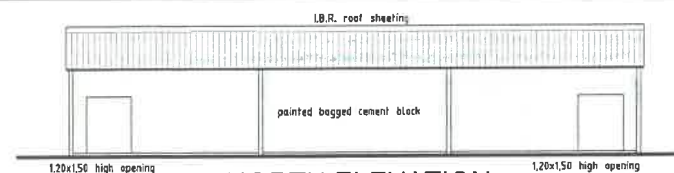


NORTH ELEVATION

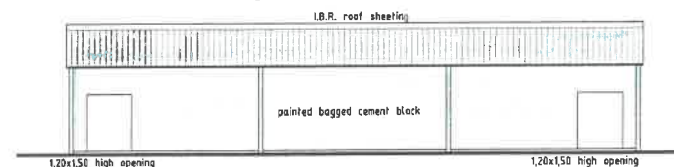


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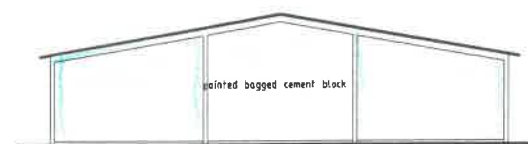
GROWERS x 2 & FINISHERS x 2



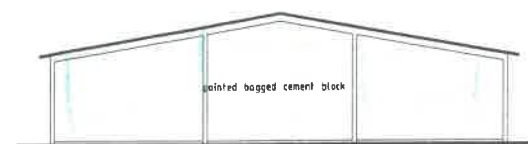
NORTH ELEVATION



SOUTH ELEVATION



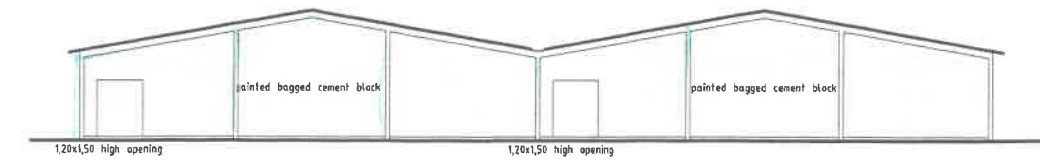
EAST ELEVATION



WEST ELEVATION

MATED SHEDS x 4

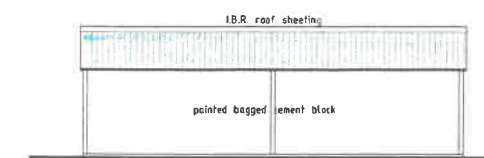
FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST



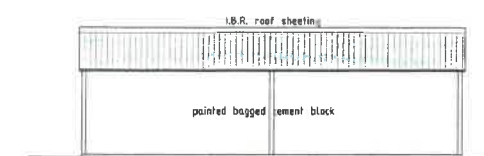
EAST ELEVATION



WEST ELEVATION



NORTH ELEVATION



SOUTH ELEVATION

WEANERS x 2

CONSTRUCTION NOTES

all concrete bases, stub columns & structural steel to engineers detail

min 3 courses white glazed wall tiles behind sink & basins

all electrical pipes & cables to be embedded into the walls

dpc to be min. 75mm above finished ground level

drainage pipe under building to be encased in concrete

drainage entering sewer run to enter with min. 600mm bend

habitable rooms to have min. 15% natural light & min. 10% natural ventilation

pre cast pre stressed conc. lintols over all openings to be laid to manufacturers specification

Municipaliteit THE WATERSKLOOF Municipality

BOUPLAN NR. 1100/461
BUILDING PLAN NO. 1100/461 ERF NO. Farm 781

PLAATSE ONTVANG 39 13514 KWIT. NR. 162127
PLAN FEES RECEIVED R 39 13514 RECEIPT NO. 162127

DATUM 17/03/2011 GOEDGEKEUR APPROVED
DATE 17/03/2011 APPROVED

DRAWN P. BOND

DATE 10 MARCH 2011

SCALE 1:200

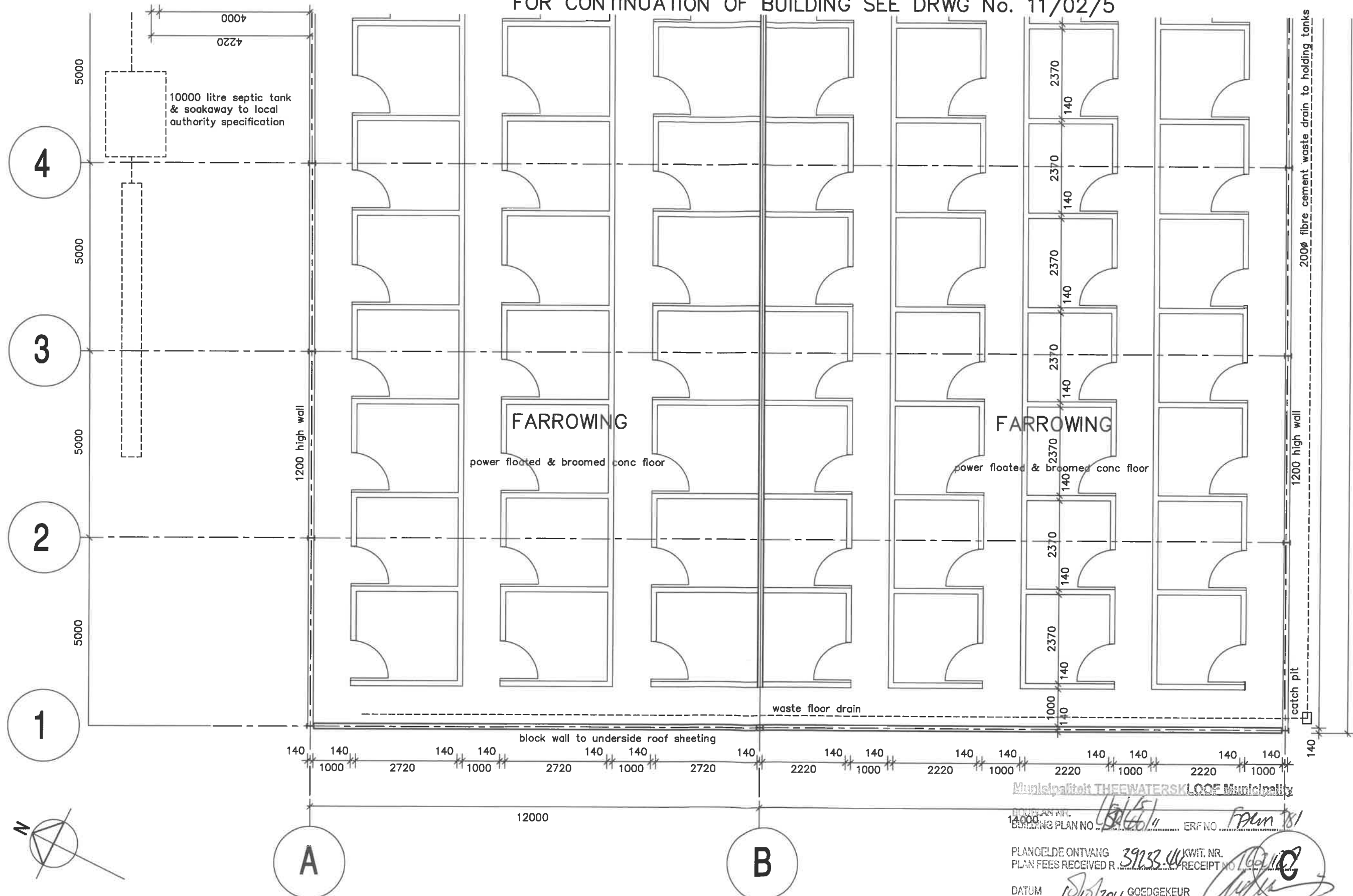
GUY WHITTLE ARCHITECT

STANFORD
028 3410917

WORKING DRAWING
ELEVATIONS

DWG. NO.
11/02/14

FOR CONTINUATION OF BUILDING SEE DRWG No. 11/02/5



FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
PART PLAN
FARROWING & OFFICES

DRAWN P. BOND

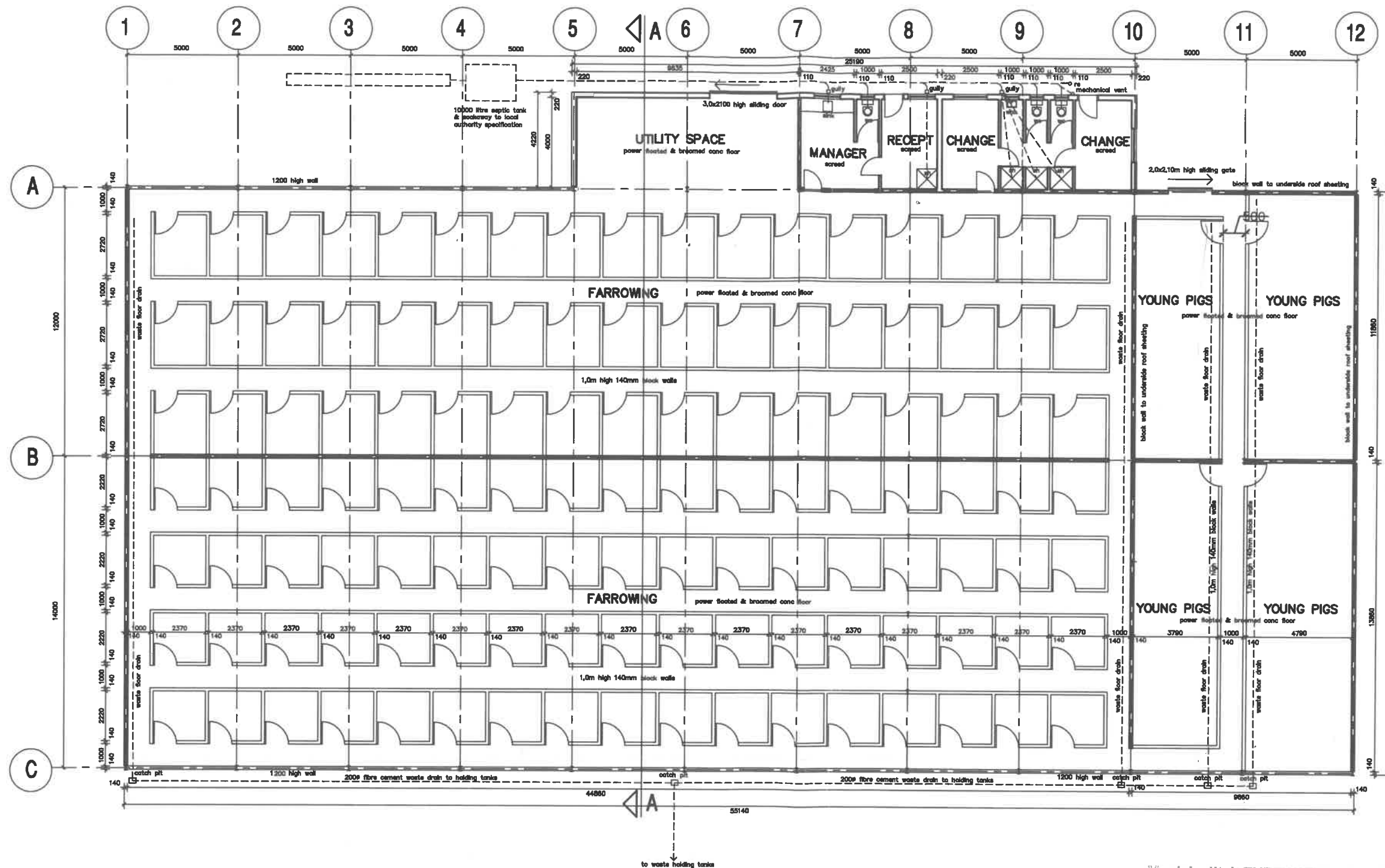
DATE 18 APRIL 2011

SCALE 1: 100

GUY WHITTLE ARCHITECT
STANFORD
028 3410917

DWG. NO.
11/02/4A

Munisipaliteit THEEWATERSKLOOF Municipality
BUILDING PLAN NO. 15165/11 ERF NO. 14000
PLANGELDE ONTVANG 391233.46 KWIT. NR. 162/100
PLAN FEES RECEIVED R. 162/100 RECEIPT NO. 162/100
DATUM 18/04/2011 GOEDGEKEUR APPROVED
DATE 18/04/2011 APPROVED
BOUTERREKSEWATERSKLOOF BUILDING CONTROL OFFICER



Municipaliteit THEEWATERSKLOOF Municipality
 BOUPLAN NR. 1621/11
 BUILDING PLAN NO. 1621/11 ERF NO. 781
 PLANGELDE ONTVANG 3923.00 KWIT. NR. 1621/11
 PLAN FEES RECEIVED R. 3923.00 RECEIPT NO. 1621/11
 DATUM 10/04/2011 GOEDGEKEUR APPROVED
 DATE 10/04/2011 APPROVED
 BOUWER/REGULERING/ENGINEER/ARCHITECT

FARM No. 781 BOTRIVER
 NEW PIGGERY
 THE JARRAHNUP FARM TRUST

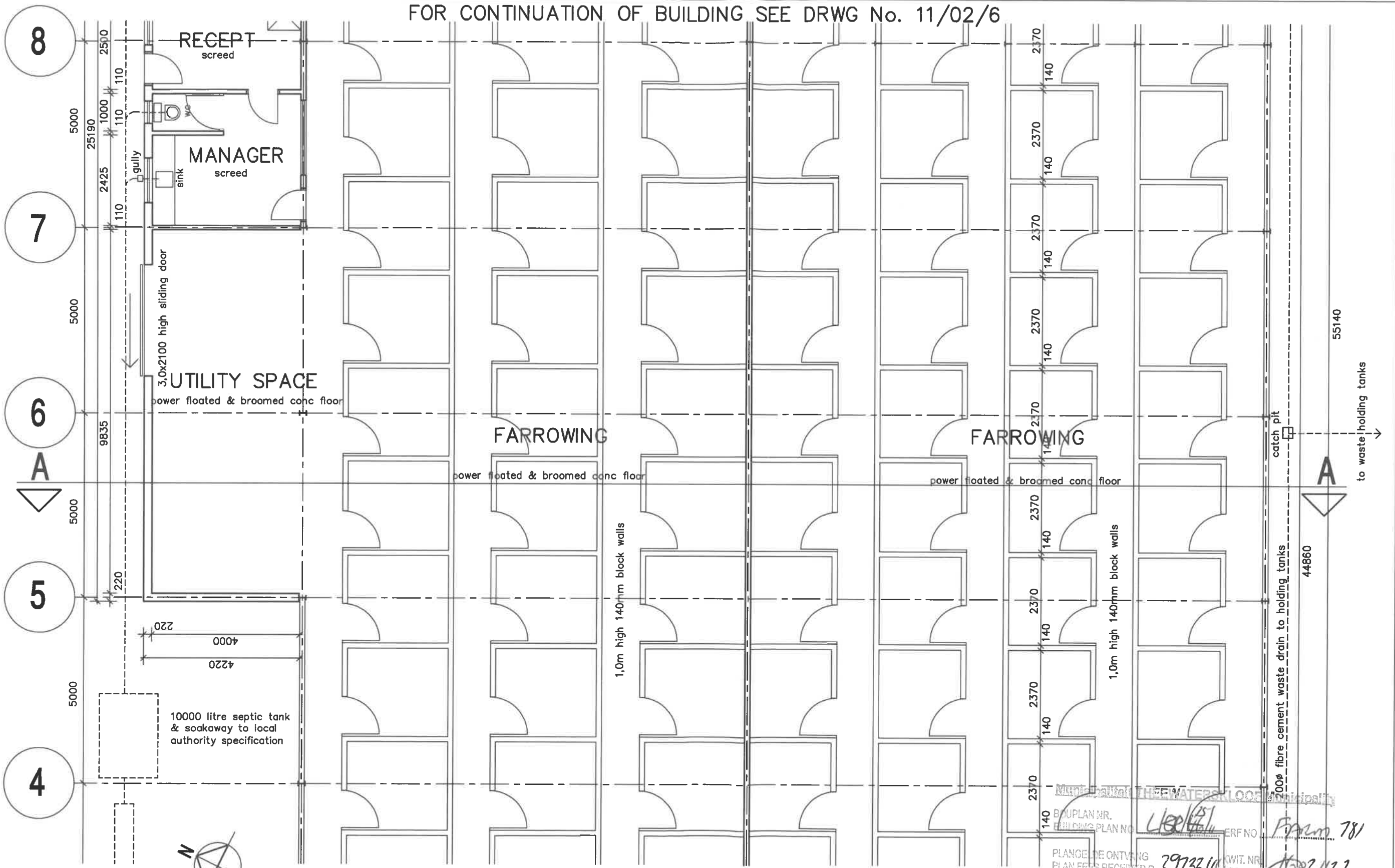
WORKING DRAWING
 KEY PLAN
 FARROWING & OFFICES

DRAWN P. BOND
 DATE 18 APRIL 2011
 SCALE 1:200

GUY WHITTLE ARCHITECT
 STANFORD
 028 3410917

DWG. NO.
 11/02/3A

FOR CONTINUATION OF BUILDING SEE DRWG No. 11/02/6



FOR CONTINUATION OF BUILDING SEE DRWG No. 11/02/4

FARM No. 781 BOTRIVER
NEW PIGGERY
THE JARRAHNUP FARM TRUST

WORKING DRAWING
PART PLAN
FARROWING & OFFICES

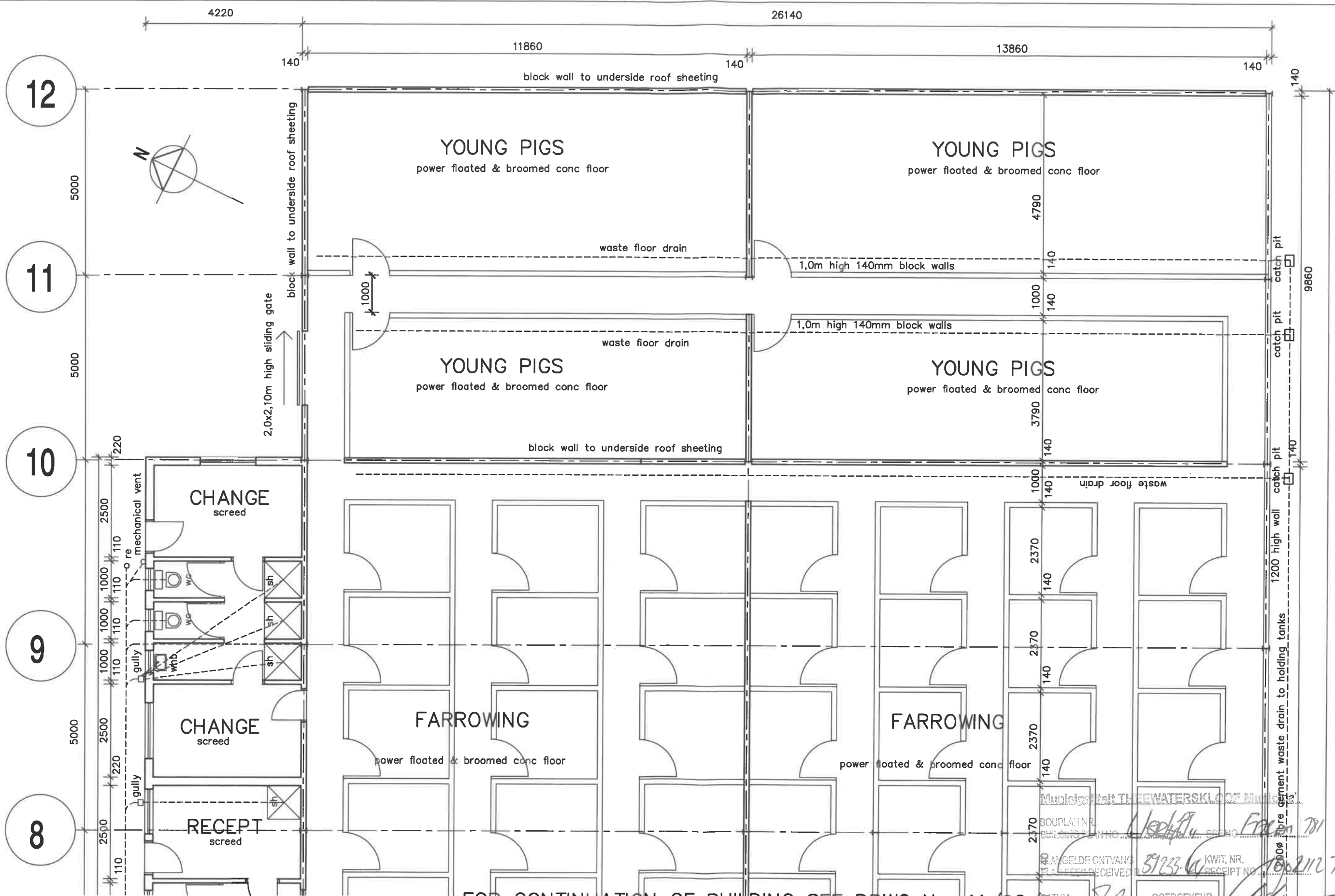
DRAWN P. BOND
DATE 18 APRIL 2011
SCALE 1:100

GUY WHITTLE ARCHITECT
STANFORD
028 3410917

DWG. NO.
11/02/5A

Municipality of THE WATERSKLOOF Municipality
B.O.U.P.L.A.N. NR. 11/02/5A
BUILDING PLAN NO. 11/02/5A
PLANNING AND ZONING
PLAN FEES RECEIVED R. 39733.00 (KWIT. NR. 11/02/5A)
DATE 18/04/2011
GOEDGEKEUR APPROVED
Municipality of THE WATERSKLOOF Municipality
11/02/5A

Whittle



FOR CONTINUATION OF BUILDING SEE DRWG No. 11/02/6A

Munisipale Waterkloof
 BOUPLAN NR. 51233-6
 GOEDGEKEUR
 18/04/2011
 11/02/6A

FARM No. 781 BOTRIVER
 NEW PIGGERY
 THE JARRAHNUP FARM TRUST

WORKING DRAWING
 PART PLAN
 FARROWING & OFFICES

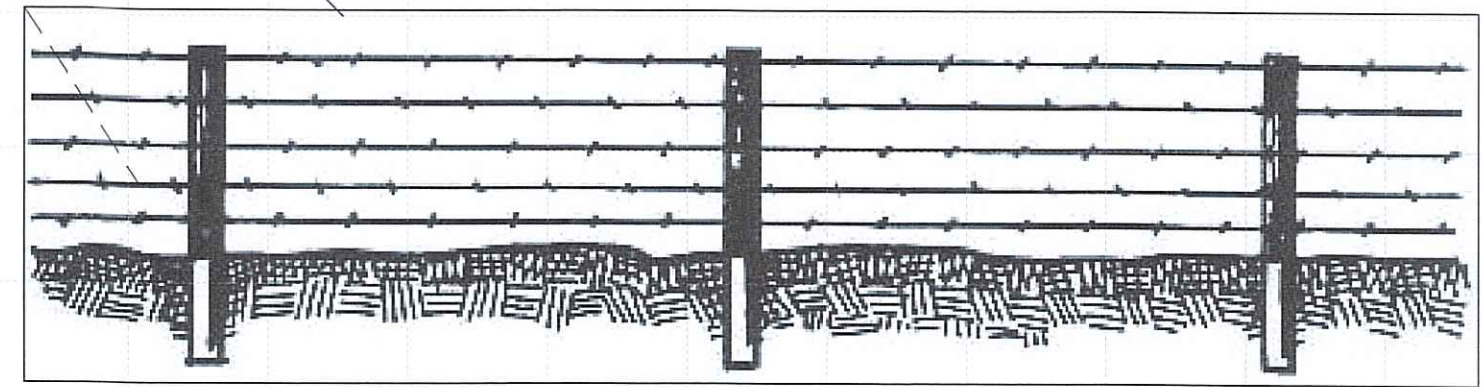
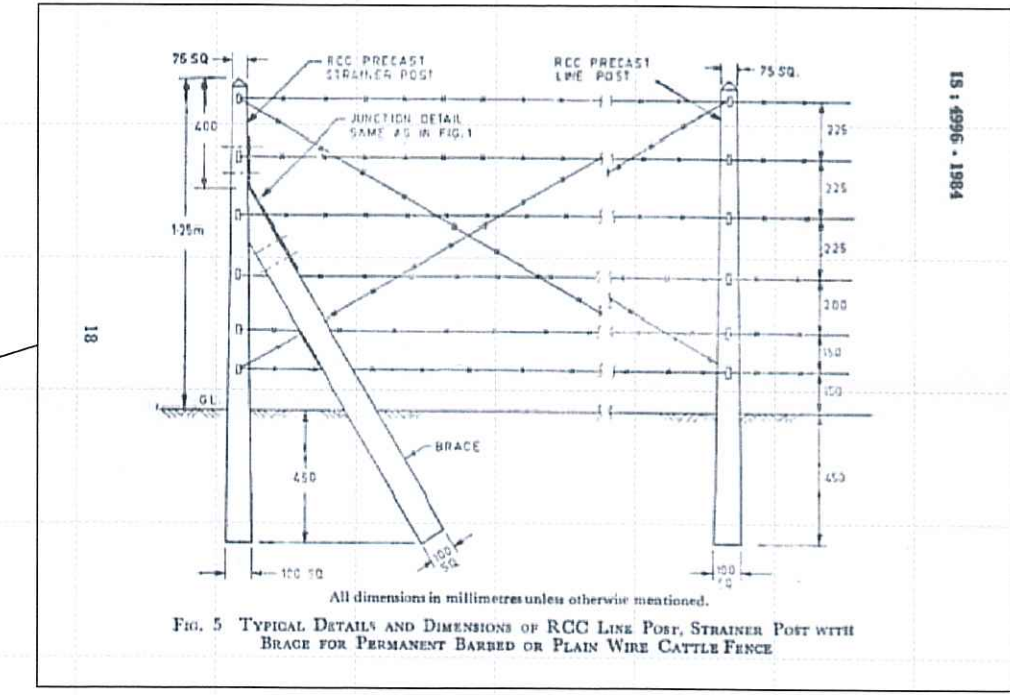
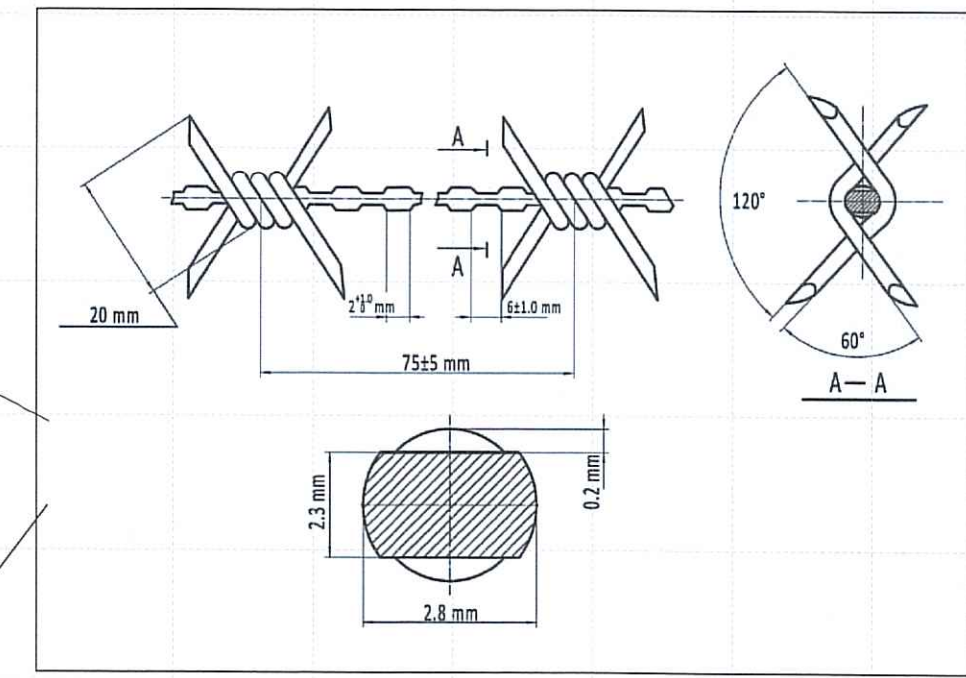
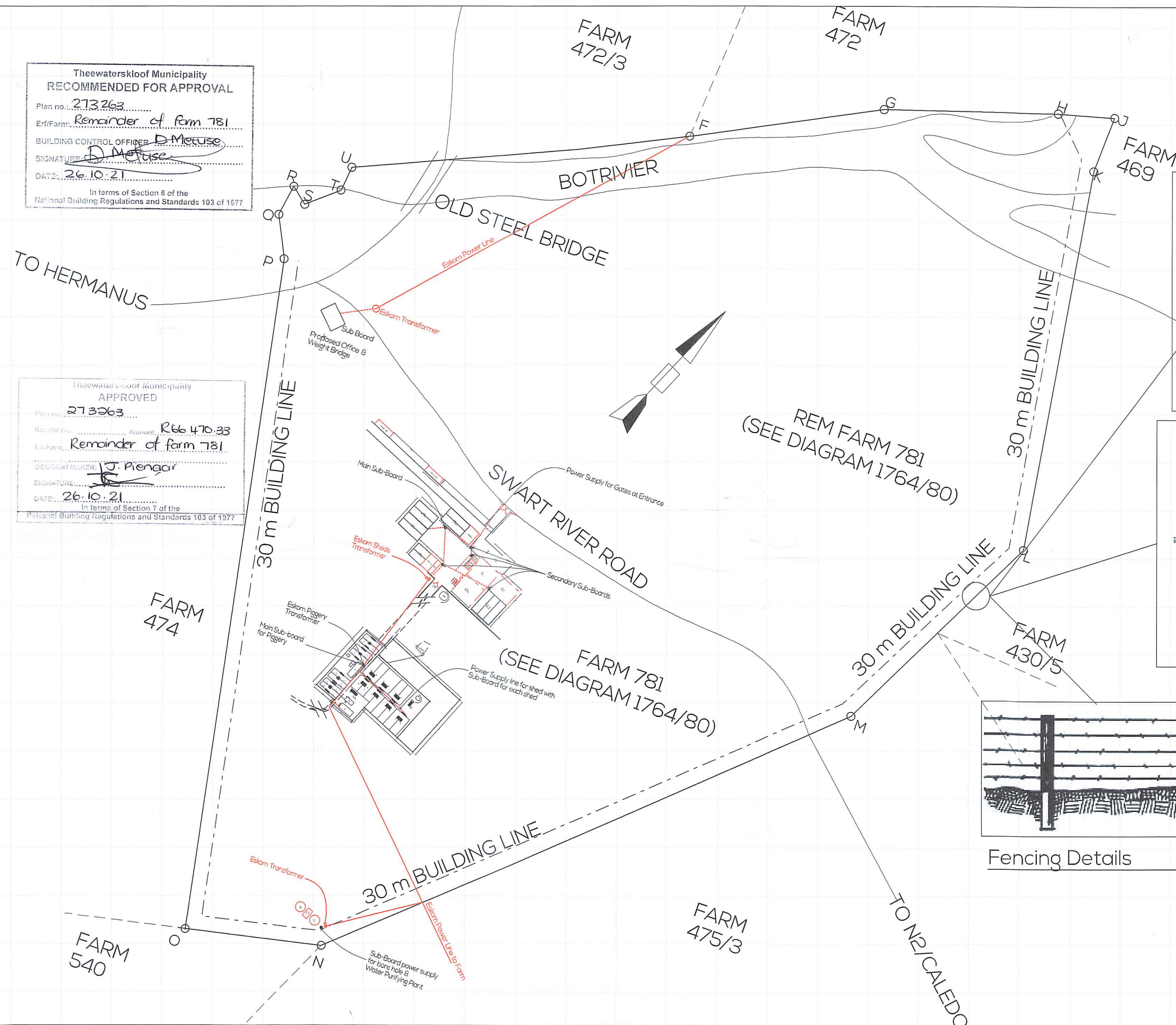
P. BOND
 DATE 18 APRIL 2011
 SCALE 1:100

GUY WHITTLE ARCHITECT
 STANFORD
 028 3410917

DWG. NO.
 11/02/6A

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no.: 273263
Erf/Farm: Remainder of farm 781
BUILDING CONTROL OFFICER: D. Mettuse
SIGNATURE: D. Mettuse
DATE: 26.10.21
In terms of Section 6 of the
National Building Regulations and Standards 103 of 1977

Theewaterskloof Municipality
APPROVED
Plan no.: 273263
Amount: R66 470.33
Erf/Farm: Remainder of farm 781
DECISION MAKER: J. Piengar
SIGNATURE: J. Piengar
DATE: 26.10.21
In terms of Section 7 of the
National Building Regulations and Standards 103 of 1977



Fencing Details

Llewellyn van Rensburg
Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

design cooperative
Llewellyn van Rensburg
Architecture & Planning
Pr. Arch. ST1242, SACAP MIA
Tel 079 037 7348
vanrensburg.lew@gmail.com

Rem Farm no. 781 Botrivier

Jarrahnup Farm Trust

Project: PROPOSED SITE PLANS FOR REM FARM 781, JARRAHNUP FARM TRUST
Drawing no.: 1213
Scale: 1:100
Date Printed: 16/07/2019
Drawing: CS 06 ESKOM POWER LINE SUPPLY
Drawn: Llewellyn van Rensburg
Revision:



BUILDING IDENTIFICATION		Area
NO 1	FARM ENTRANCES	16.00m ²
NO 2	FEEDING SHEDS	69.30m ²
NO 3	WORKSHOP	118.53m ²
NO 4	FEED SHED	228.14m ²
NO 5	MACHINERY SHED	461.72m ²
NO 6	HAY & MACHINE SHED	145.82m ²
NO 7	COTTAGE	100.00m ²
NO 8	OFFICE	41.16m ²
NO 9	DIESEL TANKS	12.32m ²
NO 10	TOOL SHED & CHICKEN SHED	28.64m ²
NO 11	SHEARING SHED	344.93m ²
A-B-C-D	CATTLE AND SHEEP YARDS	1153.52m ²
NO 12	STAFF CHANGE, SHOWER, TOILETS	203.50m ²
NO 13	FARROWING & OFFICE	532.83m ²
NO 14	PIG FINISHER SHED	1102.09m ²
NO 15	LOADING SHED	364.00m ²
NO 16	WEANER & CROWER SHEDS	465.74m ²
NO 17	OPEN FEEDING SHEDS	465.74m ²
NO 18	SOW SHEDS	642.30m ²
NO 19	OPEN FEEDING SHEDS	98.42m ²
NO 20	OLD EXISTING SHED GILT SHED	242.46m ²
NO 21	RELOCATED SHED AI STATION	762.00m ²
NO 22	NEW FARROWING SHED	1221.28m ²
NO 23	NEW WATER PURIFICATION SHED	29.49m ²
NO 24	BIO DEGRADABLE AGRICULTURAL WASTE WATER	81.25m ²
X	PARKING FACILITIES 12 CARS	
NB NO 4,5,6,11,13,16,18 WERE PRESVIOUSLY APPROVED		



Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL

Plan no.: 213263

Erf/Farm: Remainder of farm 781

BUILDING CONTROL OFFICER: D. Mettuse

SIGNATURE: D. Mettuse

DATE: 26.10.2021

In terms of Section 6 of the
National Building Regulations and Standards 103 of 1977

Llewellyn van Rensburg
Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

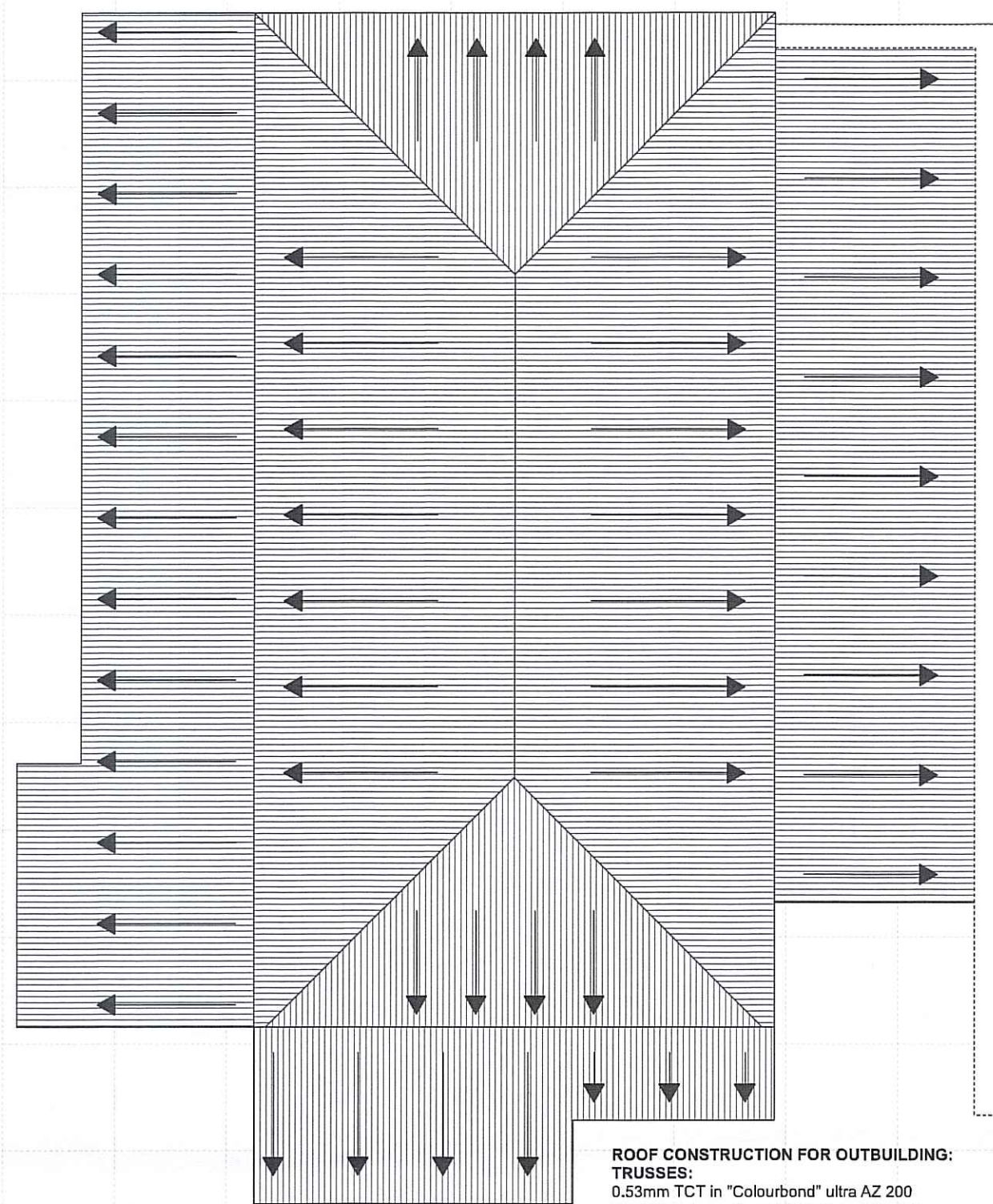
design cooperative
Llewellyn van Rensburg
Architecture & Planning
Pr. Arch. ST1242, SACAP MIA
Tel 079 037 7348
vanrensburg.lew@gmail.com

Rem Farm no. 781 Botrivier
Jarrahnup Farm Trust

**PROPOSED SITE PLANS FOR
REM FARM 781, JARRAHNUP
FARM TRUST**

Scale: 1:100 Date Printed: 15/07/2019
Drawn: Llewellyn van Rensburg

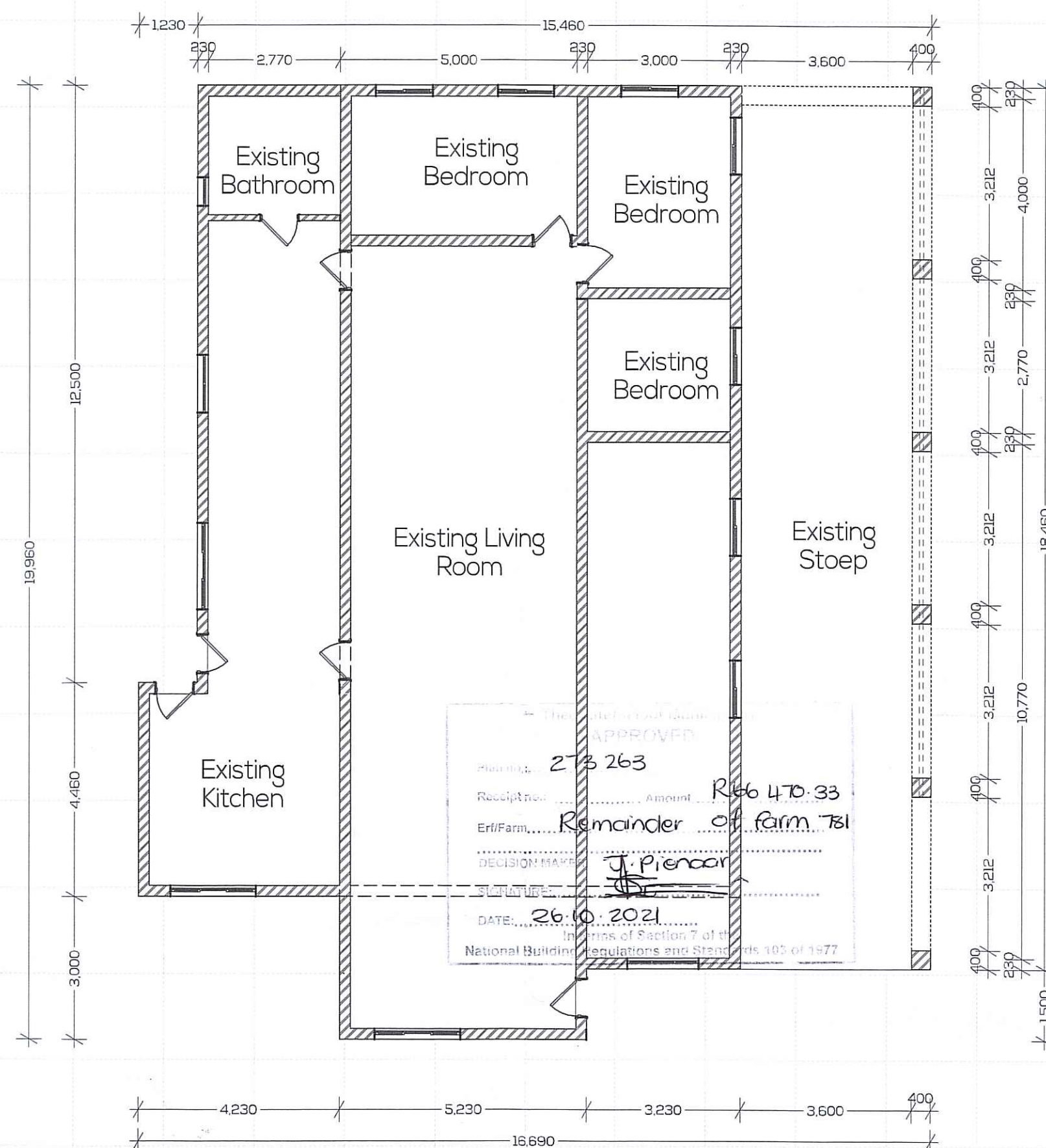
Project no.: 1213
Drawing no.: CS 01



Roof Plan
Scale 1:100

ROOF SHEETING:
Superseal 500 Epoxy Coated Roof Sheeting or similar.
RAINWATER GOODS:
All gutters and downpipes to be aluminium O-gee profile to match colour of roof sheeting. Stormwater to discharge over sump into 75mm pvc rainwater pipe to stormwater system. Fascias to be 200 x 15mm fibre cement - primed & painted to match roof & gutter colour.

ROOF CONSTRUCTION FOR OUTBUILDING:
TRUSSES:
0.53mm TCT in "Colourbond" ultra AZ 200 Steel, Metallic coating AZ 200 (Min. 200g/m² coating mass) Grade G550, super polyester paint system, 25mm on topside x 10mm on reverse side. Fasteners to comply to manufactures spec.
FLASHING and or should ridge gapping should be manufactured from same material as for the roofing.
OPEN TRUSSES:
Roof sheeting on 75x50mm timber purlins @ 1100mm C/C on prefabricated roof rafters @ 1000mm C/C on 152x50mm timber wallplate, anchored with galv. hoop-iron, built into wall min 600mm deep.

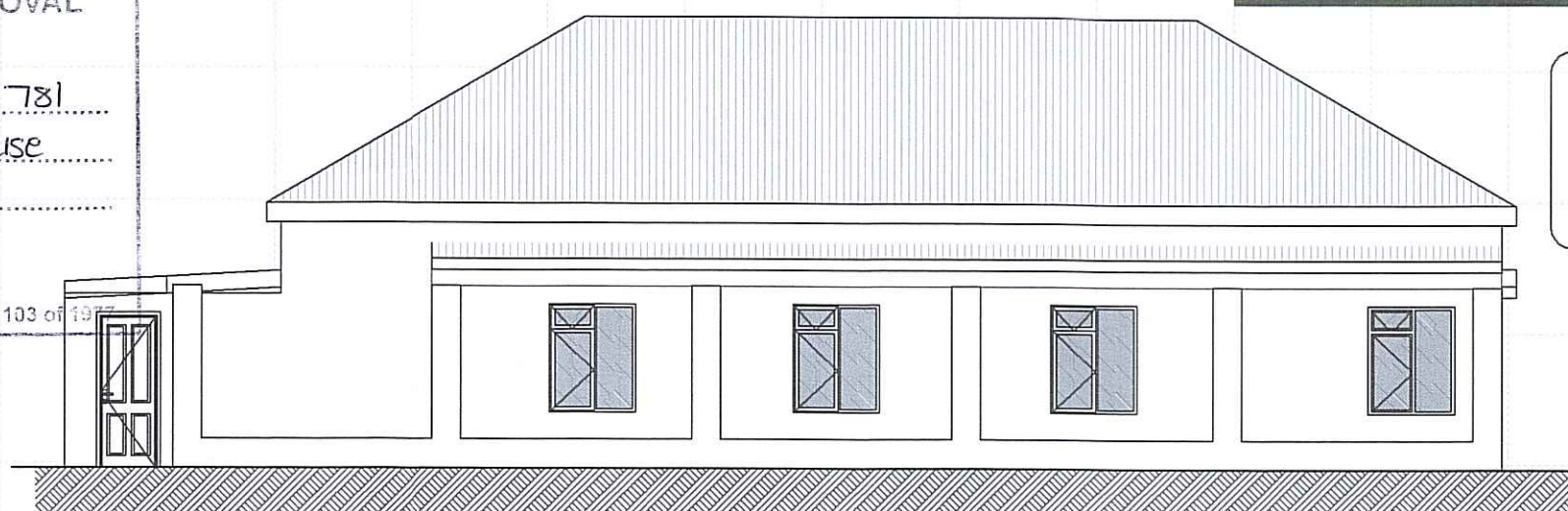


Ground Floor
Scale 1:100

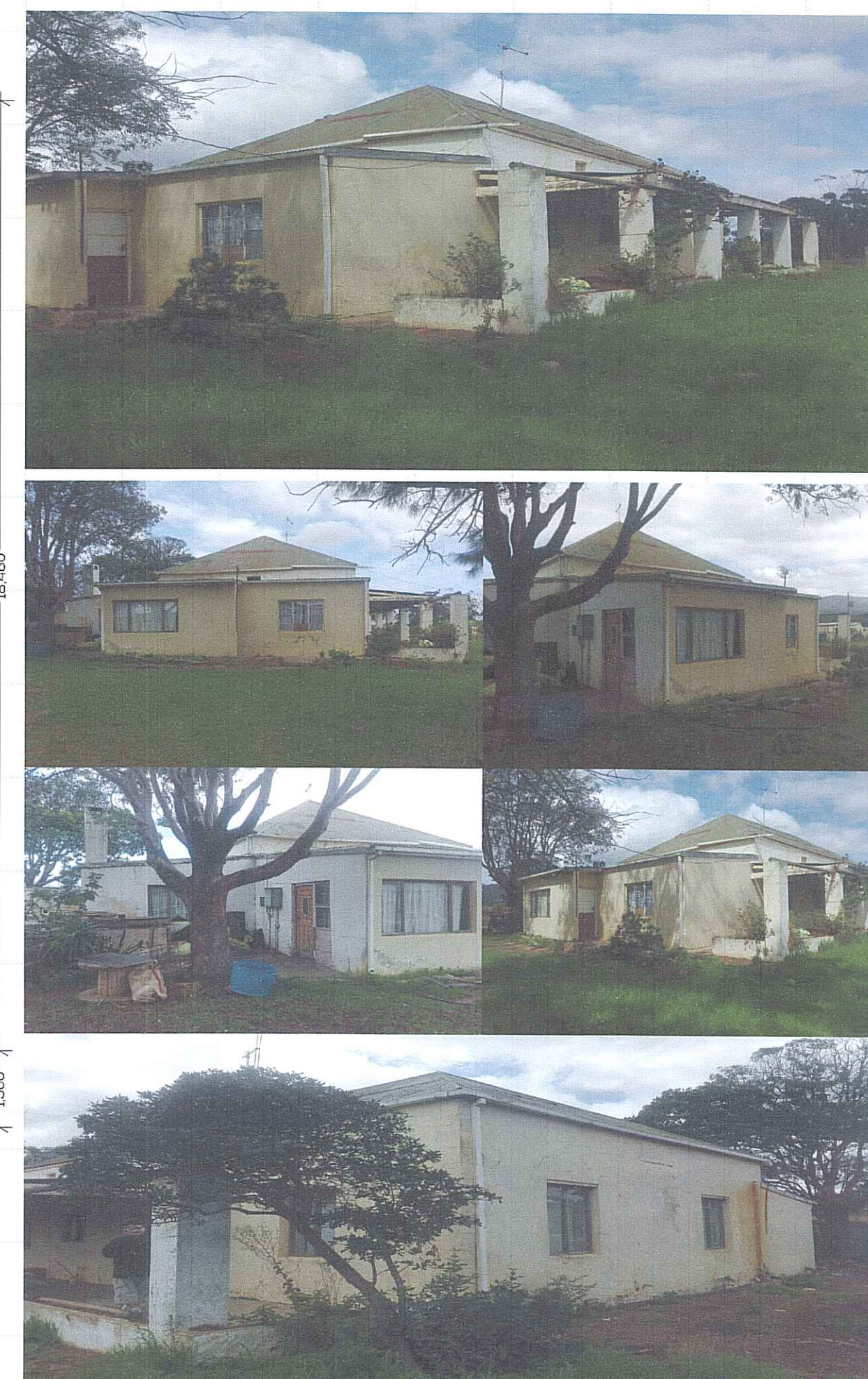
The Waterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no.: 213 263
Erf/Farm: Remainder of farm 781
BUILDING CONTROL OFFICER: D. Metuse
SIGNATURE: D. Metuse
DATE: 26.10.2021
In terms of Section 6 of the National Building Regulations and Standards 103 of 1977



Front Elevation
Scale 1:100



Side Elevation
Scale 1:100



Existing Farm house older than 80 Years and no renovations has been done

Llewellyn van Rensburg
Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

design cooperative

Llewellyn van Rensburg
Architecture & Planning
Pr. Arch. ST1242, SACAP MIA

Tel 079 037 7348

vanrensburg.lew@gmail.com

Rem Farm no. 781 Botrivier

Jarrahnup Farm Trust

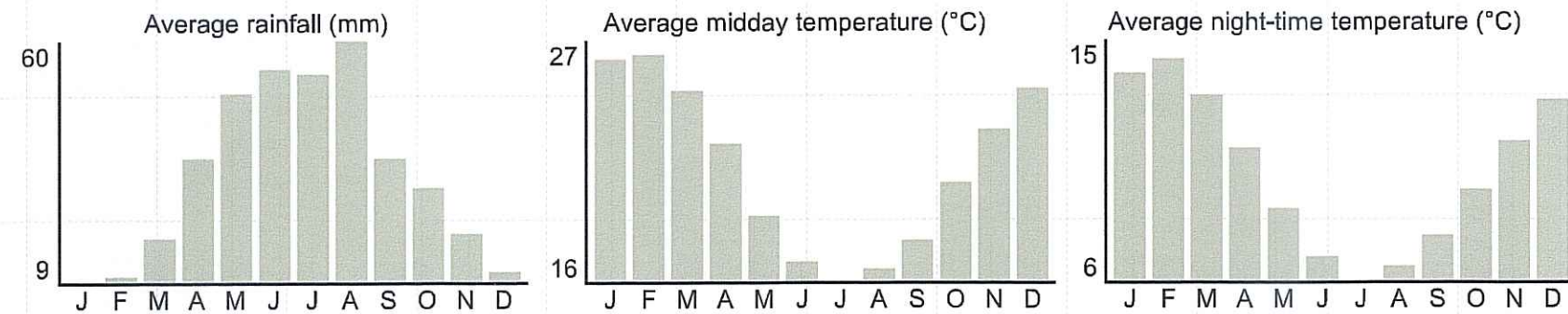
PROPOSED SITE PLANS FOR REM FARM 781, JARRAHNUP FARM TRUST
OLD EXISTING FARM HOUSE

Scale: 1:100
Date: 15/07/2019
Drawn: Llewellyn van Rensburg

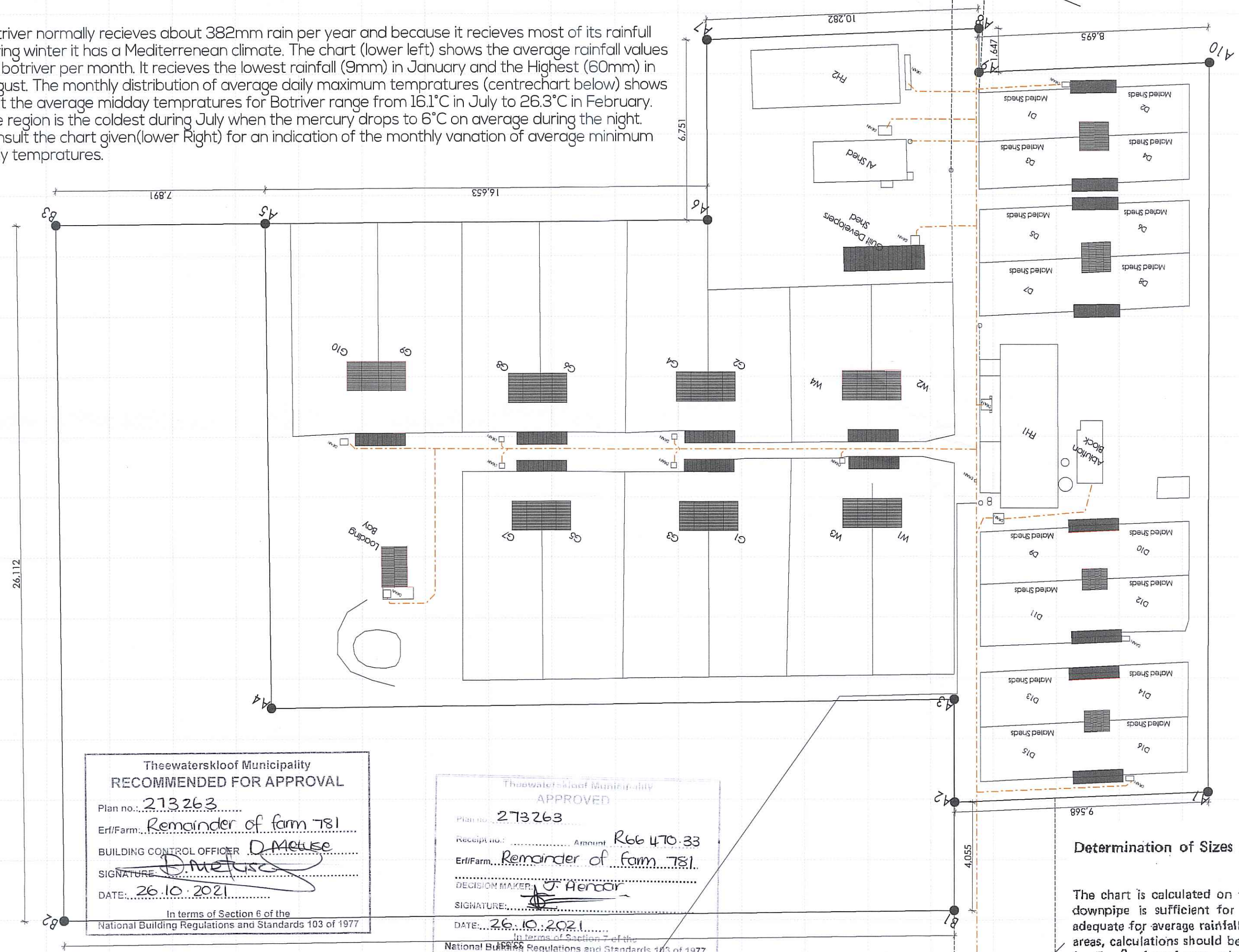
Project no.: 1213
Drawing no.: CS 02

Bot-Rivier Climate

> South Africa > Western Cape > Theewaterskloof



Botrivier normally receives about 382mm rain per year and because it receives most of its rainfall during winter it has a Mediterranean climate. The chart (lower left) shows the average rainfall values for Botrivier per month. It receives the lowest rainfall (9mm) in January and the Highest (60mm) in August. The monthly distribution of average daily maximum temperatures (centre chart below) shows that the average midday temperatures for Botrivier range from 16.1°C in July to 26.3°C in February. The region is the coldest during July when the mercury drops to 6°C on average during the night. Consult the chart given (lower right) for an indication of the monthly variation of average minimum daily temperatures.



A. CATCHMENT OF ROOF RAIN WATER STORAGE

- FEEDING SHEDS X 24**
Roof area₂₄ (5 000 x 24) = 2 880m² x 382 l/m² = 110 000 l
- SHELTER BUILDINGS**
Roof area₂₄ (15 x 7 x 4) = 10 080m² x 382 l/m² = 385 000 l
- OFFICE BLOCK**
Roof area₂ x 7 x 25 = 350m² x 382 l/m² = 133 700 l
Total roof water capacity/month = 628 700 l
Water storage tanks (5 000 l) = 125 off
Actual tanks installed
Feeding shed = 24 x 2 = 48
Shelter shed = 24 x 4 = 96
Office building = 1 x 2 = 2 = 146 off
Total storage capacity rainwater = 730 000 l
Exclude existing borehole supply of +/- 120 000 l/h
Deemed to satisfy

B. GUTTER REQUIREMENTS (per building)

- SHELTER SHED**
Roof area (middle) = 210m²
Box gutter size = 300cm²
D.P. requirement = 1 x 125mm
Side roof area = 105m² x 2 = 210m²
Gutter sizes = 125cm²
D/P sizes = 4 x 100cm²

PIG SHELTER FLOOR WASHING EFFLUENT

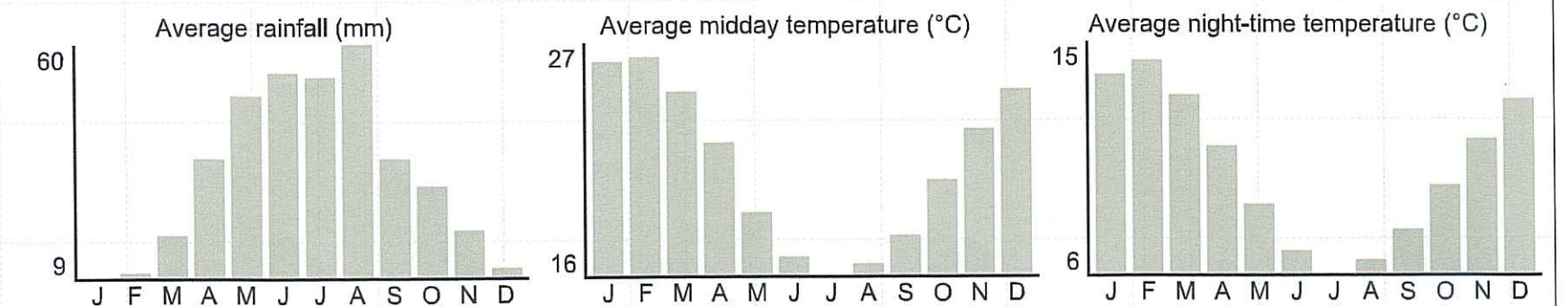
- Under ground concrete tanks
(3 000 x 3 000 x 2 000 Deep) 8 000 l cap
24 off x 17 999 l = 432 000 l capacity
All Bio Degradable Agricultural Waste Water for irrigation purpose on farm land
Total Waste Water capacity cycle discharged = 432 000 l
- This include effluent from spray race wash bay water discharged into effluent tanks

Determination of Sizes of Gutters and Downpipes

The chart is calculated on the assumption that 1 cm² of downpipe is sufficient for 1 m² of roof area, which is adequate for average rainfall conditions. For heavy rainfall areas, calculations should be based on 10 m² of downpipe for 7 m² of roof area, whereas in dry areas, where heavy showers are not likely to occur, 10 cm² of downpipe is sufficient for 14 m² of roof area.

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no. 273263
Erf/Farm: Remainder of farm 781
BUILDING CONTROL OFFICER: D. M. L. L. L.
SIGNATURE: D. M. L. L. L.
DATE: 26.10.2021
In terms of Section 6 of the National Building Regulations and Standards 103 of 1977

Theewaterskloof Municipality
APPROVED
Plan no. 273263
Receipt no. Amount R66 470.33
Erf/Farm: Remainder of farm 781
DECISION MAKER: G. Hendrik
SIGNATURE: G. Hendrik
DATE: 26.10.2021
In terms of Section 7 of the National Building Regulations and Standards 103 of 1977



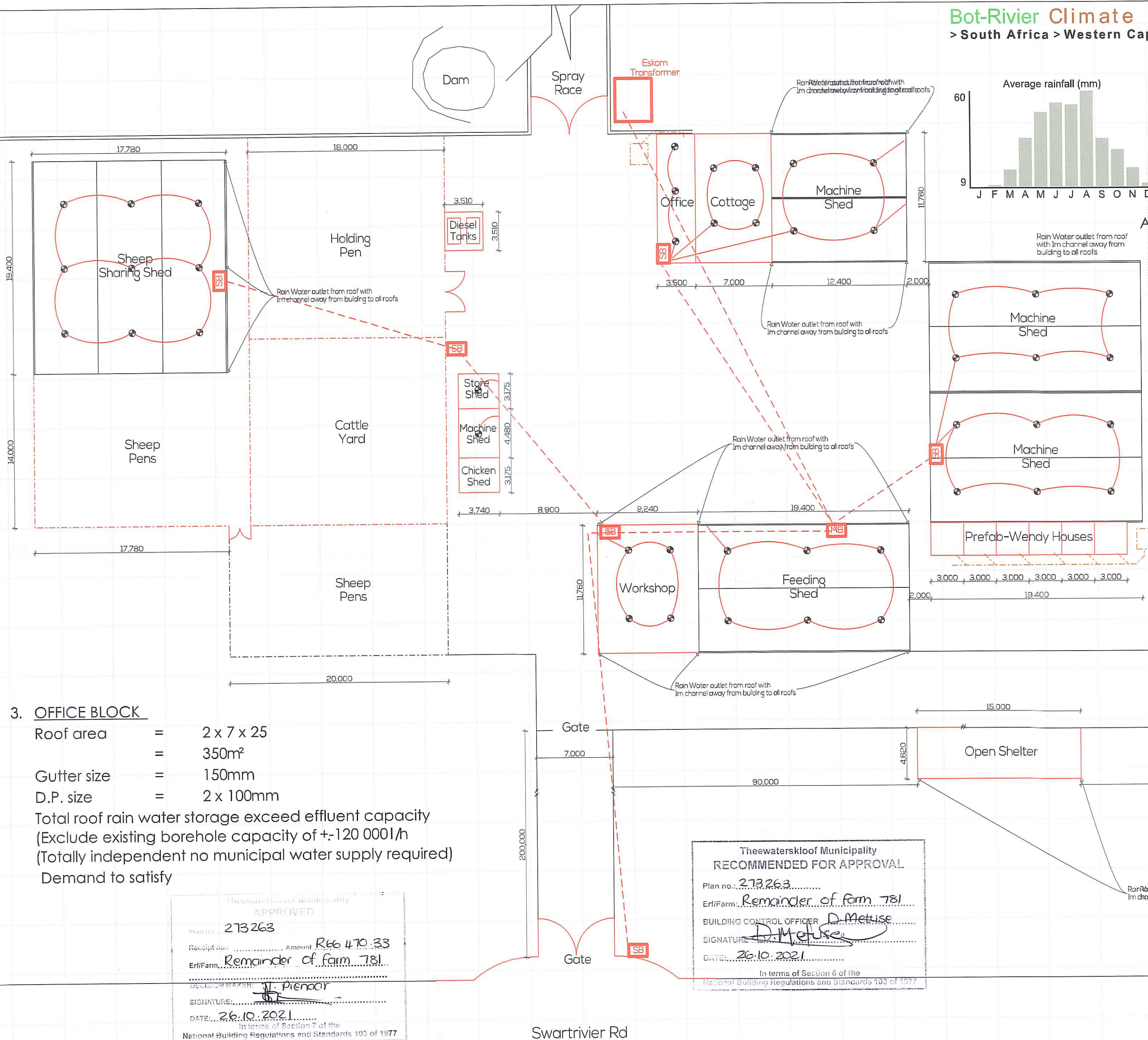
A. CATCHMENT OF ROOF RAIN WATER STORAGE

- FEEDING SHEDS X 24**
Roof area $24 (5\,000 \times 24) = 2\,880\text{m}^2 \times 382\text{l/m}^2 = 110\,000\text{l}$
- SHELTER BUILDINGS**
Roof area $24 (15 \times 7 \times 4) = 10\,080\text{m}^2 \times 382\text{l/m}^2 = 385\,000\text{l}$
- OFFICE BLOCK**
Roof area $2 \times 7 \times 25 = 350\text{m}^2 \times 382\text{l/m}^2 = 133\,700\text{l}$
Total roof water capacity/month = 628 700 l
Water storage tanks (5 000 l) = 125 off
Actual tanks installed
Feeding shed = $24 \times 2 = 48$
Shelter shed = $24 \times 4 = 96$
Office building = $1 \times 2 = 2$ = 146 off
Total storage capacity rainwater = 730 000 l
Exclude existing borehole supply of +/- 120 000 l/h
Deemed to satisfy

B. GUTTER REQUIREMENTS (per building)

- SHELTER SHED**
Roof area (middle) = 210m²
Box gutter size = 300cm²
D.P. requirement = 1 x 125mm
Side roof area = $105\text{m}^2 \times 2 = 210\text{m}^2$
Gutter sizes = 125cm²
D/P sizes = 4 x 100cm²

- FEEDING SHED**
Roof area (m²) = $24 \times 5 = 120\text{m}^2$
Gutter area = 125cm²
Gutter size = 150cm²
D.P. = 100cm²
= 2×75



Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

Meeting Point

ALL FIRE ALARM SYSTEM WIRING SHALL BE INSTALLED IN 3/4-INCH CONDUIT MINIMUM. CONDUCTORS FOR THE FIRE ALARM SYSTEM DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70. THE CONDUCTORS SHALL NOT BE INSTALLED IN CONDUIT, JUNCTION BOXES OR OUTLET BOXES WITH CONDUCTORS OF LIGHTING OR POWER SYSTEMS. THE SUM OF THE CROSS-AREAS OF INDIVIDUAL CONDUCTORS SHALL NOT EXCEED 40 PERCENT OF THE INTERIOR CROSS-SECTIONAL AREA OF THE CONDUIT.

THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL NOT DRILL OR CUT INTO EXISTING WOOD BEAMS.

Meeting Point

THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF CEILING MOUNTED FIRE ALARM SYSTEM DEVICES INCLUDING THE ROUTING OF CONDUIT ABOVE CEILINGS WITH LIGHT FIXTURES, CONDUITS, DUCTWORK, DIFFUSERS, PIPING AND ANY OTHER OBSTRUCTIONS.

ALL CEILING, FLOOR, AND WALL PENETRATIONS REMAINING AFTER REMOVAL OF EXISTING AND INSTALLATION OF FIRE ALARM DEVICES AND EQUIPMENT SHALL BE FILLED AND SECURED WITH UL LISTED FIRE STOP MATERIAL IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL

Plan no.: 273263.....

Erf/Farm: Remainder of farm 781

BUILDING CONTROL OFFICER: D. Metuse

SIGNATURE: *D. Metuse*

DATE: 26.10.2021

In terms of Section 6 of the National Building Regulations and Standards 103 of 1977

APPROVED

273263

Amount: R66 470.33

Erf/Farm: Remainder of farm 781

Signature: *P. Pienaar*

DATE: 26.10.2021

In terms of Section 7 of the National Building Regulations and Standards 103 of 1977

Escape Route

Each meeting point equipped with fire fighting equipment & 2000 litre water tank trailer with high pressure water spray equipment

Meeting Point to access Fire Drills and Duties

IN GENERAL, THE WORK INCLUDES MINOR MODIFICATIONS AND ADDITION TO THE EXISTING FIRE ALARM SYSTEM TO ACCOMMODATE THE INSTALLATION OF A RETROFIT FIRE SPRINKLER SYSTEM AND THE INSTALLATION OF AN AUTOMATED GAS SHUT-OFF VALVE. ALL NEW OR REUSED INITIATING AND DEVICES SHALL BE COMPATIBLE WITH THE EXISTING NOTIFIER FIRE ALARM CONTROL UNIT (FACU). THE DEVICES AND APPLIANCES SHALL BE PROVIDED AND INSTALLED AS INDICATED IN THE DRAWINGS, NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 72, NATIONAL FIRE ALARM AND SIGNALING CODE

ALL WIRING SHALL BE INSTALLED IN COMPLIANCE WITH THE CALIFORNIA ELECTRICAL CODE (SPECIFICALLY ARTICLE 760) AND NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE.

CONDUIT AND WIRE SHALL BE PROVIDED IN ACCORDANCE WITH THE SANS 10400 ELECTRICAL CODE AND THESE CONTRACT DOCUMENTS. CABLE AND WIRE ROUTED IN CONCEALED AREAS MEETING THE PROTECTION REQUIREMENTS OF THE SANS 10400 ELECTRICAL CODE (E.G. ARTICLE 760) MAY BE ROUTED WITHOUT THE USE OF CONDUIT. CABLE AND WIRE NOT INSTALLED IN CONDUIT SHALL HAVE THE FIRE RESISTANCE RATING SUITABLE FOR THE INSTALLATION AS INDICATED IN THE SANS 10400 ELECTRICAL CODE AND SHALL BE SUPPORTED AND PROTECTED IN ACCORDANCE WITH THE SANS 10400 ELECTRICAL CODE AND THE MANUFACTURER'S REQUIREMENTS, BUT SHALL BE SUPPORTED FROM WALL/FLOOR ASSEMBLIES AT INTERVALS NOT EXCEEDING 5 FT. OR THE MANUFACTURER'S REQUIREMENTS. CABLE AND WIRE SHALL NOT BE DIRECTLY LAID, UNSUPPORTED, ON CEILING SURFACES AND SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO THE ADJACENT SURFACE.

THE CONTRACTOR SHALL LOCATE ALL EQUIPMENT WHICH MUST BE SERVICED, OPERATED OR MAINTAINED IN FULLY ACCESSIBLE POSITION. MINOR DEVIATIONS FROM THE DRAWINGS MAY BE MADE TO ALLOW FOR BETTER ACCESSIBILITY WHEN ACCEPTED BY THE ARCHITECT.

MAINTAIN ALL EXISTING ELECTRICAL, MECHANICAL FIRE PROTECTION, PLUMBING AND LIFE SAFETY SYSTEMS IN WORKING ORDER AT ALL TIMES.

THE CONTRACTOR SHALL PROVIDE SUFFICIENTLY STRONG AND SAFE RAMPS, LADDERS, SCAFFOLDS AND TEMPORARY HOISTS AND GUARD RAILS REQUIRED TO ACCOMPLISH WORK.

THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING ITEM DAMAGED IN CONJUNCTION WITH ALL WORK. THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CORE DRILLING, CUTTING, PATCHING, AND REFINISHING OF EXISTING WALLS, CEILINGS OR FLOORS AS REQUIRED IN THE CONTRACT SPECIFICATIONS. THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL REPLACE ALL CEILING TILES DAMAGED IN CONJUNCTION WITH ALL WORK. ASSUME AT LEAST 25 PERCENT OF THE EXISTING CEILING TILES HANDLED SHALL NEED TO BE REPLACED DUE TO DAMAGE FROM ALL NEW WORK.

CEILING GRIDS SHALL NOT BE REMOVED. THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL WORK THROUGH GRIDS OF SUSPENDED ACOUSTICAL TILE CEILINGS. THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL REMOVE CEILING TILES AS NEEDED, AND THE TILES SHALL BE REINSTALLED AT THE END OF EACH WORK SHIFT.

ALL FLOOR AND WALL PENETRATIONS SHALL BE CORE DRILLED AND SHALL BE COORDINATED WITH EXISTING STRUCTURAL SYSTEMS. TYPICAL EXISTING FLOOR IS 6" THICK CONCRETE. TYPICAL WALL CONSTRUCTION IS GYPSUM WALL BOARD WITH VINYL WALL PAPER OR PAINTED, CLAY TILE/BLOCK WALLS AND BRICK. PRIOR TO CORE DRILLING, THE FIRE ALARM/ELECTRICAL CONTRACTOR SHALL X-RAY OR GPS THE FLOORS

PROVIDE ACCESS PANELS AS REQUIRED. SEE ELECTRICAL SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.

ALL CONDUIT SHALL BE ROUTED CONCEALED IN FINISHED AREAS. CONDUIT ROUTED ABOVE DROP CEILING SYSTEMS SHALL BE INSTALLED AT A HEIGHT PERMITTING THE EASY REMOVAL OF THE CEILING TILE (E.G. CONDUIT SHALL NOT BE INSTALLED DIRECTLY ABOVE THE TILE TO PREVENT EASY LIFTING FOR ACCESS). EXPOSED CONDUIT IN FINISHED AREAS SHALL BE PAINTED. CONDUIT IN UNFINISHED AREAS MAY BE UNPAINTED.

THESE DRAWINGS ARE DIAGRAMMATIC IN THAT EXACT DEVICE, APPLIANCE, AND EQUIPMENT LOCATIONS, CONDUIT ROUTING, CONDUIT SUPPORT AND CONSTRUCTION DETAILS ARE TO BE DEVELOPED BY THE CONTRACTOR.

NO CABLE SHALL BE INSTALLED IN VENTILATION DUCTS OR PLENUMS WITHOUT SPECIFIC PRIOR WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.

NO CLASS 2 OR 3 SIGNAL WIRING SHALL BE INSTALLED IN CONDUIT WITH LIGHT, POWER, OR CLASS 1 SIGNAL WIRING.

ALL WIRING, EXCEPT WIRING INSIDE ENCLOSURES, SHALL BE CABLED WITH A THERMOPLASTIC INSULATION JACKET, WITH A VOLTAGE RATING EXCEEDING THE VOLTAGE OF ANY POWER IN PROXIMITY TO THE WIRING.

ALL SIGNAL WIRING SHALL BE OPERATED AT NOT MORE THAN 30 VOLTS, AC OR DC.

ANY FIRE ALARM DEVICE LOCATED IN A CONCEALED LOCATION SHALL BE PROVIDED WITH A REMOTE ALARM INDICATOR. THE REMOTE ALARM INDICATOR SHALL BE LOCATED IN A READILY VISIBLE LOCATION IN THE VICINITY OF THE CONCEALED DEVICE.

UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION.

PROVIDE SIGNAGE ON THE FACE OF THE EXISTING CONTROL UNIT IDENTIFYING THAT THE SYSTEM CONTROLS AN AUTOMATED GAS SHUT-OFF VALVE AND THAT THE AUTOMATIC CONTROL MUST BE DISABLED PRIOR TO ANY SYSTEM TESTING.

CONTRACTOR SHALL PATCH AND REPAIR, TO MATCH EXISTING, ALL ITEMS DAMAGED DUE TO DEMOLITION AND NEW CONSTRUCTION.

EXCEPT AS OTHERWISE SPECIFICALLY NOTED, ALL ELEMENTS OF THE WORK ARE INTENDED TO BE A COMPLETED PRODUCT. WHETHER SPECIFICALLY INCLUDED IN THE CONSTRUCTION DOCUMENTS OR NOT. ALL INCIDENTAL COMPONENTS NECESSARY FOR PROPER CONSTRUCTION (ADHESIVES, SEALANTS, BOND BREAK MATERIAL, ETC.) SHALL BE INCLUDED AND PROPERLY INSTALLED IN THE WORK.

EXCEPT AS OTHERWISE NOTED, CRAFTSMANSHIP SHALL ACHIEVE THE PUBLISHED STANDARDS OF RECOGNIZED CONSTRUCTION INDUSTRY ORGANIZATIONS. EXCEPT WHEN STRICTER TOLERANCES ARE REQUIRED BY THE CONSTRUCTION DOCUMENTS, TOLERANCES SHALL ACHIEVE THOSE ESTABLISHED PUBLICATIONS. IN ALL CASES MINIMUM TOLERANCES SHALL ACHIEVE THOSE REQUIRED BY THE MANUFACTURER OF THE CONSTRUCTION PRODUCT BEING INSTALLED.

WALL MOUNTED FIRE ALARM DEVICES SHALL BE RECESSED MOUNTED WITH CONDUIT CONCEALED IN WALLS AND ABOVE CEILINGS.

PROVIDE SYNCHRONIZATION FOR AUDIO (SPEAKER) AND VISIBLE (STROBE) NOTIFICATION APPLIANCE DEVICES WHERE THERE ARE MORE THAN TWO DEVICES WITHIN A FIELD OF VIEW TO COMPLY WITH THE REQUIREMENTS OF NFPA 72.

THE ARCHITECT/ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE DISCOVERY OR REMOVAL OF ASBESTOS AND LEAD PAINT IN THIS PROJECT. MSA WILL RETAIN A COMPETENT CONSULTANT WITH KNOWLEDGE AND EXPERIENCE IN THE DETECTION OF ASBESTOS AND LEAD PAINT TO DETERMINE WHETHER ASBESTOS AND LEAD PAINT IS PRESENT AT THE PROJECT SITE. MSA'S CONSULTANT WILL RECOMMEND METHODS FOR REMOVAL AND DISPOSITION OF ANY ASBESTOS AND LEAD PAINT. THE CONTRACTOR SHALL NOTIFY MSA IF ASBESTOS AND LEAD PAINT IS DISCOVERED OR SUSPECTED.

Llewellyn van Rensburg
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design cooperative

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Rem Farm no. 781 Botrivier
Jarrahup Farm Trust

Project: PROPOSED SITE PLANS FOR REM FARM 781, JARRAHUP FARM TRUST

Drawing no. 1213

Revision: 05

Scale: 1:100

Date Printed: 16/07/2019

Drawn: Llewellyn van Rensburg

Project: FIREPLAN

Fire Plan

Scale: NTS

Meeting Point

FIRE NOTE:

1 x Fire Extinguisher (FE) for every 250m².
Shall be installed to the requirements of
SANS 10400-Part T 2011 4.35 Hydrants

Install 2 x 9kg DCP Fire Extinguishers in place of
Hose Reel if No Water pressure is Available 3 Bar

Meeting Point

SANS 10400-T:2011
Edition 3

4.29 Marking and signposting

4.29.1 A building that has escape routes shall be clearly marked and signposted to indicate the direction to be travelled in the case of any emergency. Such signage may be of the internally or externally illuminated, or photoluminescent type and shall comply with the relevant requirements of SANS 1186-1, SANS 1186-3, SANS 1186-5 and SANS 1464-22.

4.29.2 Any marks or signs referred to in 4.29.1 shall comply with the requirements of SANS 10114-2 with regard to the maximum viewing distance of the sign in proportion to the vertical dimension of the sign.

4.29.3 The exit door of a room which has a population of less than 25 persons shall not be required to be so marked. Where a room has more than one exit door, any door used for normal exit from such room shall not be required to be so marked.

4.29.4 In the case of any occupancy classified as A1, A2, A3, A4 and A5, an illuminated symbolic safety sign shall be displayed over any exit doors.

4.29.5 When any building is occupied, any mark or sign referred to in 4.29.1 which is not of the illuminated type, shall be illuminated to an intensity of not less than 50 lx. Internally illuminated signs shall comply with the luminance requirements of SANS 1186-3. Photoluminescent signs shall comply with the luminance requirements of SANS 1186-5. In the case of occupancies classified as

4.31 Fire detection and alarm systems

4.31.1 Any building containing an occupancy classified as

- F1, with a floor area of more than 500 m²; or
- H1, H2, E2 or E3, irrespective of height or floor area.

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no. 273 263
Erf/Farm: Remainder of Farm 781
BUILDING CONTROL OFFICER: D. Neluse
SIGNATURE: _____
DATE: 26.10.2021
In terms of Section 6 of the
National Building Regulations and Standards 103 of 1977

SANS 10400-T:2011
Edition 3

4.32 Provision and maintenance of fire-fighting equipment, installations and fire protection systems

4.32.1 Any fire-fighting equipment, installations and fire protection systems in any building shall be so installed and maintained as to be ready for their purpose at all times.

4.32.2 The disposition of such fire-fighting equipment shall be clearly visible at all times or shall be indicated by symbolic signs which shall be visible at all times and comply with the requirements in SANS 1186-1.

4.32.3 Such fire equipment shall be so installed that it facilitates maintenance. Where compartments are created to house this equipment, they should not impede maintenance.

4.34.5 Where no water supply is available, two 9 kg or equivalent fire extinguishers that comply with the requirements of 4.37 shall be provided in place of each required hose reel.

design cooperative

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Rem Farm no. 781 Botrivier

Jarrahnup Farm Trust

Any approved portable fire extinguisher installed in a building shall comply with the requirements contained in SABS 810, SABS 889 or SABS 1151, as the case may be, and shall be installed, maintained and serviced in accordance with SABS 0105.

Such portable fire extinguisher shall bear the mark of standardization as contemplated in section 14 of the Standards Act, 1982 (Act 30 of 1982) or where it cannot so bear such mark be clearly marked by the South African Bureau of Standards to indicate that it has been evaluated by and is acceptable to the South African Bureau of Standards.

TABLE 10 — PROVISION OF PORTABLE EXTINGUISHERS

1	2
Classification of occupancies	Number of portable fire extinguishers relative to floor area
B1, D1, D2 J1, J2, J3	1 per 100 m ²
A1, A2, A3, B2, C1, C2, D3, E1, E2, E3, F1, F2, F3, G1, H1, H2	1 per 200 m ²
A4, A5, B3, D4, H3, J4	1 per 400 m ²

TT37.5

The type of fire extinguisher shall, for the occupancy in which it is installed, have a capacity or mass rating as follows:

- For an occupancy classified A1, A2, A3, A4, A5, E1, E2, E3, F1, F2, F3, G1, H1, H2 or H3:
 - Water type 9 l
 - Foam type 9 l
 - Carbon dioxide type 4,5 kg
 - Dry chemical type 4,5 kg
 - Halogenated hydrocarbon type 2,5 kg
- For an occupancy classified B1, B2, B3, C1, C2, D1, D2, D3, D4, J1, J2, J3 or J4:
 - Water type 9 l
 - Foam type 9 l
 - Carbon dioxide type 9 kg
 - Dry chemical type 9 kg
 - Halogenated hydrocarbon type 5 kg

TT38

TT38.1

MOBILE FIRE EXTINGUISHERS

Any fire extinguisher exceeding the capacities prescribed in the relevant specification SABS 810, SABS 889 or SABS 1151 and fitted with suitable wheels for transportation shall be deemed to be a mobile fire extinguisher.

TT38.2

An approved mobile fire extinguisher may replace half the portable fire extinguishers; Provided that —

- the capacity of any such mobile fire extinguisher shall be at least equal to the combined capacity of the number of portable fire extinguishers it replaces;
- it contains the same extinguishing medium as required for such portable extinguishers;

Total of Fire Extinguishers as Per SANS 10400

Building no. (according to SANS)	Size m ²	Total F.E Required (according to SANS)	Total F.E Provided
Sheep Sharing Shed B3	344,00m ²	1 per 400m ²	1
Feeding Shed D3	228,144m ²	1 per 200m ²	1
Workshop D3	110,144m ²	1 per 200m ²	1
Office G1	41,160m ²	1 per 200m ²	1
Weaner & Office G1	1351,60m ²	1 per 200m ²	9
Machine Sheds J3	461,72m ²	1 per 100m ²	4
Machine Shed J3	145,824m ²	1 per 100m ²	1
Cottage H3	123,48m ²	1 per 400m ²	1
Mated Sheds (x15)	90m ² each	1 per 100m ²	15
Loading Bay	204,89m ²	1 per 200m ²	4
Ablution Block	232,80m ²	1 per 200m ²	2
AI Shed	494,00m ²	1 per 200m ²	3
Guilt Developers Shed	276,30m ²	1 per 100m ²	3
FH2 Shed	1232,10m ²	1 per 200m ²	6

Table of Occupancy - According to SANS 10400-T
Table 6 p27

B3 - Low Risk Commercial Service	=	2
D3 - Low Risk Industrial	=	2
G1 - Office	=	2
H3 - Cottage	=	1
J3 - Machine Sheds	=	3

Meeting Point to access
Fire Drills and Duties

Project: PROPOSED SITE PLANS FOR
REM FARM 781, JARRAHNUP
FARM TRUST
Drawing no. 1213
05
Scale: 1:100
Date: 06/12/2019
Drawn: Llewellyn van Rensburg
Revised:



It is therefore requested that permission be granted to accommodate Access 5 as indicated on the Site Plan to accommodate dedicated traffic to and from the Piggery.

Yours faithfully

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no. 203,263
Erf/Farm: Remander of farm 781
BUILDING CONTROL OFFICER: D. Metus
SIGNATURE: D. Metus
DATE: 26.10.2021
In terms of Section 6 of the
National Building Regulations and Standards 103 of 1977

Theewaterskloof Municipality
APPROVED
Plan no. 203,263
Amount: R6476,33
Erf/Farm: Remander of farm 781
DECISION GATE: D.P. Burger
SIGNATURE: D.P. Burger
DATE: 26.10.2021
In terms of Section 7 of the
National Building Regulations and Standards 103 of 1977

D.P. Burger
D.P. Burger Pr. Land Surveyor
FRIEDLAENDER BURGER VOLKMANN

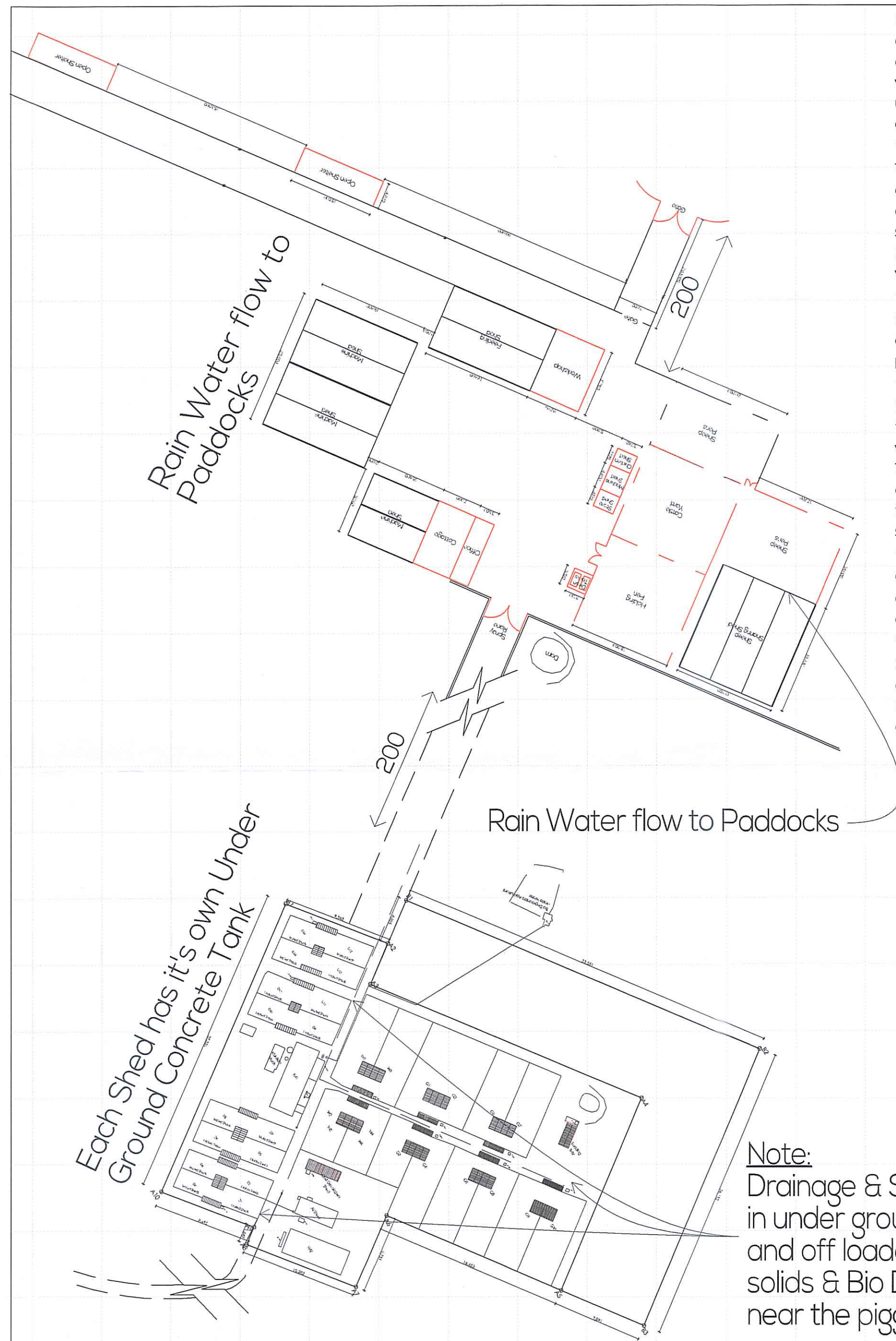
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Rem Farm no. 781 Botrivier Jarrahnup Farm Trust

Site Plans

PROPOSED SITE PLANS FOR REM
FARM 781, JARRAHNUP FARM
TRUST
LAND SURVEYORS PLAN
1213
CS 07
Scale: 1:100
Date: 18/07/2019
Drawing: Llewellyn van Rensburg



Dessert Star is a Free-range piggery that accommodate pigs in permanent outdoor camps with shelters. The farrowing sows are kept in a farrowing house with pull plug channels and conservancy holding tanks. The effluent from the shelters are directed with open channels to conservancy tanks. A vacuum tanker and uPVC pipe line is used to convey the effluent to the treatment area. The entire effluent system is a closed system.

1.1 Introduction

The effluent from the piggery sheds contain manure, waste feed, water used for cleaning and spill drinking water. The manure and waste feed contribute the organic matter, most of the nutrients and some salts. Water can also contribute a significant salt load. Management and treatment of effluent involves collection (Section 1.2), solids separation (pre-treatment) (Section 1.3) and solids and wastewater storage (Section 1.4).

1.2 Effluent Collection Systems

Effluent collection from the camps and sheds involves drains, pull plug channels, conservancy tanks, or some combination of these. A vacuum tanker and uPVC pipes are used to move the effluent to the treatment area.

1.2.1 Pull Plug Channels

Pull Plug channels are concrete channels that sit underneath slatted flooring within the farrowing and AI (Artificial Insemination) house. Manure, waste feed, hosing water and drinking water wastage drop through the flooring into these channels. The pull plug channel store effluent in these underfloor channels. They are then drained through a gravity release plug on the outside of the house. Because no flushing water is used, pull plug channels use less water than conventional flushing systems. The plugs are pulled every day.

1.2.2 Drains

Open drains are found in the grower and dry sow areas in the shelters. Because pig activity in open drains dislodges some manure the drains are shallow and are cleaned daily. The waste water flows directly to the conservancy tank.

1.2.3 Pipes, Drains and Conservancy tanks

Impervious pipes, drains and conservancy tanks are used to convey and store effluent from sheds and from there to the treatment area. The effluent is transferred under gravity flow with sufficient slope and also with a vacuum tanker. The drains are designed to exclude storm water runoff from surrounding areas.

1.2.4 Sump

At the piggery, effluent is directed from the conservancy tanks into a sump so the flow rate to a mechanical solids separator can be managed. The sump is an in-ground tank sized to store at least 5 day's effluent production. The sump is made out of concrete. The effluent in the sump is mixed using propellers to keep solids in solution and prevent crust formation. Storm water runoff from surrounding areas is excluded from the sump.

1.3 Solids Separation

At the piggery, solids are separated from the effluent stream ahead of either direct irrigation or storage in tanks. The benefits of solids separation prior to pond treatment include:

- Removal of large particles that can block irrigation equipment
- Reduction in organic load
- Reduced sludge accumulation rate because less solids enter the tanks
- Reduction in required storage capacity
- Smaller reuse areas needed for sustainable reuse of nutrients in the treated effluent, although the nutrients in the removed solids will still need to be sustainably reused.

1.3.1 Presses

A screw press is used to separate the solids from the liquids. A screw press consists of a cylindrical screen with a screw conveyor in the centre. The conveyor presses the solids against a screen to remove moisture. The conveyor also moves the solids through the press to a collection area. Screw press separators are more expensive than rundown screens. However, they are relatively simple devices with low operating costs and maintenance requirements. They also produce drier, more manageable solids than screens.

1.4 Manure Stockpiling, Composting and Waste Water Storage Areas

An area is allocated to store and manage the solid manure until it can be removed from the site for spreading (usually in conjunction with cropping cycles) or further processing. Materials kept in this area is stockpiled and actively composted. All solid manure will be managed in this one area and sufficient space is allocated for effective management. The liquid is stored in tanks which is to be spread over the cultivated area of the farm which is about 510ha.



Western Cape
Government
Agriculture

BETTER TOGETHER.

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no.: 273263
Eri/Farm: Remainder of farm 781
BUILDING CONTROL OFFICER: D. Metuse
SIGNATURE: D. Metuse
DATE: 26.10.2021
In terms of Section 6 of the
National Building Regulations and Standards 103 of 1977

Theewaterskloof Municipality
APPROVED
Plan no.: 273263
Receipt no.: Amount: R 46 470.33
Eri/Farm: Remainder of farm 781
DECISION MAKER: J. Pienaar
SIGNATURE: J. Pienaar
DATE: 26.10.2021
In terms of Section 7 of the
National Building Regulations and Standards 103 of 1977

Note:

Drainage & Storm Water from the piggery is collected in underground Brick Tanks. After it is pumped into a tanker and off loaded into a tank with a screw press separating solids & Bio Degradable water other Storm Water not near the piggery drains into the Paddocks.

KANTOORAFTSKRIF

L.G. No.

1764/80

Goedgekeur

Landmeter-generaal
26.6.80

friedlaender, burger & volkmann

PROFESSIONAL LAND SURVEYORS. SECTIONAL TITLE CONSULTANTS. MAPPING CONSULTANTS

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25th June 2018

Your Ref: PR 10/29/0228(12) Job 20317

Regional Manager
Western Cape Transport and Public Works
Private Bag X6003
Southern Paarl

Sir

APPLICATION FOR ADDITIONAL ACCESS: FARM NO 781 CALEDON

Your letter to the Theewaterskloof Municipality dated 2 August 2012 refers. (See copy attached).

Access was granted at Access points 1 - 4 as indicated on the attached Site Development Plan.

The farming activities on the farm have changed since the application in 2012 as can be seen on the Site Development Plan.

There is an existing Piggery that has developed over the last few years and access to the Piggery now has to be addressed as the traffic generated is starting to interfere with the normal farming activities.

It has become essential that an alternate access be created as indicated on the site plan. There has been an increase in traffic in and out of the farm as a result of the piggery requirements that no longer can be accommodated on the main access (Access No. 2)

In order to accommodate the order and size of the vehicle, an alternate route needs to be determined so that all the piggery traffic does not interfere with the other normal agricultural activities on the farm. Access for the piggery needs to be controlled and separated from the normal traffic of the farm. In order to achieve this, it has become apparent that an additional access will be required.

It is proposed that Access 5 (as indicated) be used for the purpose of the piggery. It is situated over 400m from Access 2 with very good lines of sight both an easterly and westerly direction. It is situated between existing fields and the new proposed internal road will run along an existing fence line and will not further fragment the farming activities.

D.P. Burger, B.Sc (Land Surv.) Pr.L.(SA), S.A.G.I., M.B. Straughan, B.Sc (Land Surv.) Pr.L.(SA), S.A.G.I.
M.R. Stuart-Fox, B.Sc (Geomatics) Pr.L.(SA), S.A.G.I.

It is therefore requested that permission be granted to accommodate Access 5 as indicated on the Site Plan to accommodate dedicated traffic to and from the Piggery.

Yours faithfully

D.P. Burger Pr. Land Surveyor
FRIEDLAENDER BURGER VOLKMANN

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL

Plan no.: 273 263
Erf/Farm: Remainder of Farm 781
BUILDING CONTROL OFFICER: D. Metuse
SIGNATURE:
DATE: 26.10.2021
In terms of Section 6 of the
National Building Regulations and Standards 103 of 1977

1764/80

SYE Meter	RIGHTS- HOEKE	Y	COORDINATE Stelsel Zwartberg X
GH 627,5	G 171 28 40	G	+27 410,8
HJ 220,4	H 172 58 40	H	+27 021,4
	J 84 51 50	J	+26 864,5
KL 1 379,1	L 143 38 20		+8 121,0
LM 883,9	M 159 34 20		+7 628,9
MN 2 078,0			+7 474,1
NO 510,1			
OF 2 433,2			

die middellyn van
Serwituutnota. (1) Die lyn t u v w stel 'n kraglyn serwituut voor
sien Kaart No.5429/58. A/S. 494/1959

(2) Die lyn x y z stel die middellyn van 'n
kraglyn serwituut voor sien Krt. No.2684/1948
A/S. 225/1989

Restant van
(a) Die figuur H J K synde Die Plaas No.471
sien Kaart No.B.499/1839 Stellq.12-28.

(b) Die figuur f G H K L M m k synde Restant van Gedeelte 1 van
die plaas Bot Rivier No.473 sien Krt.931/1863 T.A.1863-47-
484

(c) Die figuur b d D E F f g h j synde Restant van die plaas
Vredendal No.472 sien Krt.No.1349/1926 T.A.1927-56 -2415

(d) Die figuur a B C b j h g f k m N O P Q R S T, watervoor U
middel van rivier synde Rest. van die plaas Bot Rivier 473
sien Krt. No.307/1831 Grondbrief Stell. 12-27

Die figuur a B C D E F G H J K L M N O P Q R S T, watervoor U middel
stel voor van Rivier 1 112,4406 hektaar grond, synde

DIE PLAAS NO. 781
geleë in die

en bevat (a) tot (d) hierbo
Administratiewe Distrik
Caledon Provinsie Kaap die Goeie Hoop.

Opgeëet in Saamgestel in Feb. 1980
deur my.

Hierdie kaart is geheg aan S.V.T. No. 7819/82 gedateer t.g.v.	Die oorspronklike kaart is. hierbo genoem No. geheg aan Transport/Grondbrief No.	Lêer No. Ouds. 781 M.S. No. Saamgestel Komp. AI-3A (3342) AI-3ABA (3346) AI-3ABB (3347)
Registrateur van Aktes		

VIR ENDOSEMENTE
SIE KYERS VAN KAART
Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

design cooperative

Llewellyn van Rensburg
Architecture & Planning
Pr. Arch. ST1242, SACAP MIA

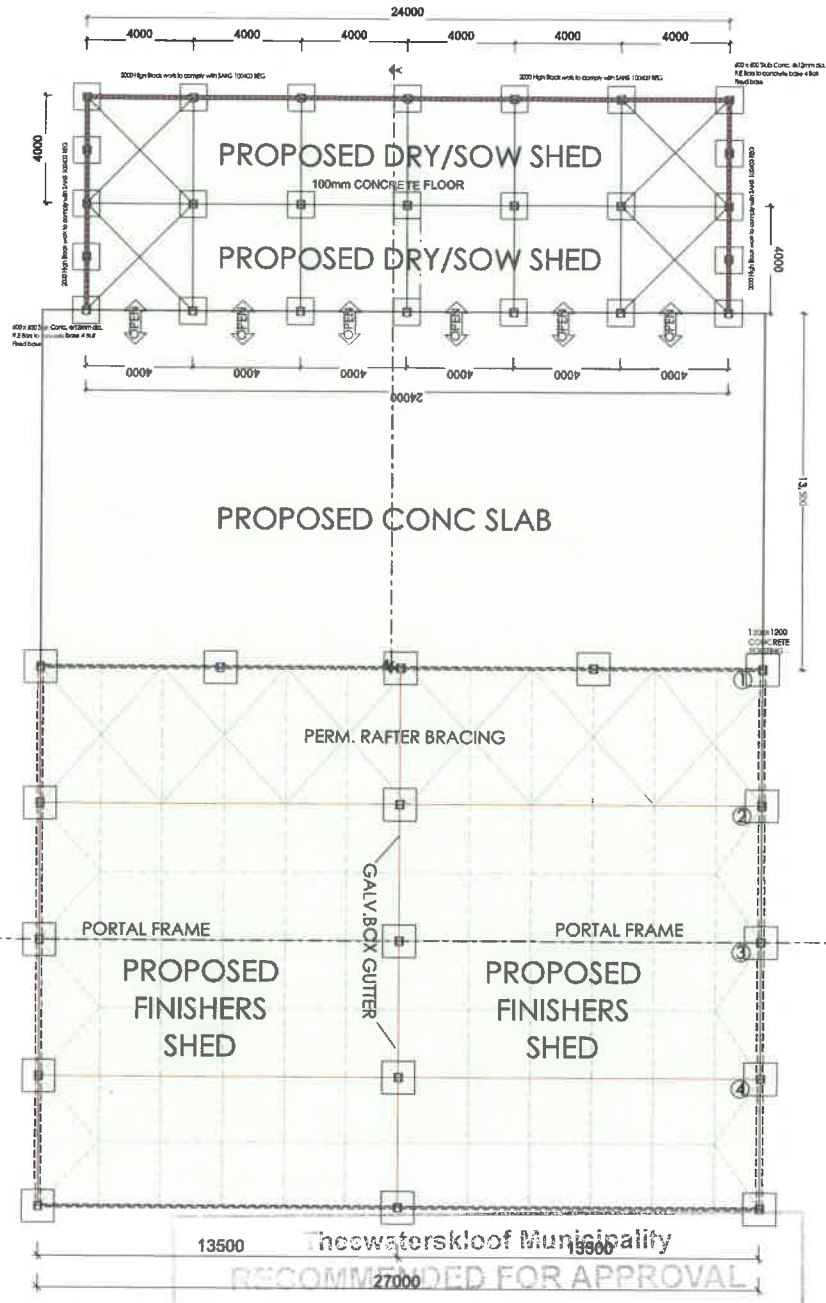
Tel 079 037 7348

vanrensburg.lew@gmail.com

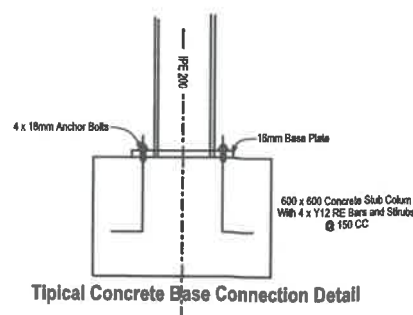
Rem Farm no. 781 Botrivier

Jarrahnup Farm Trust

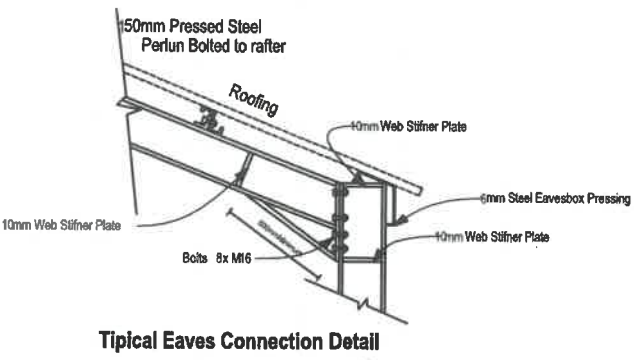
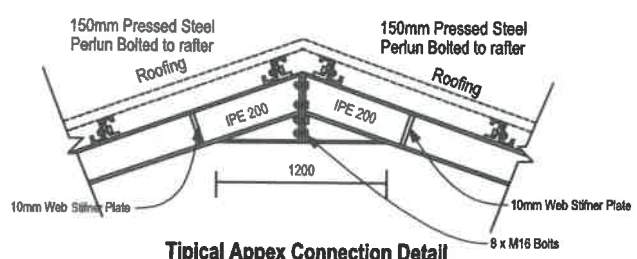
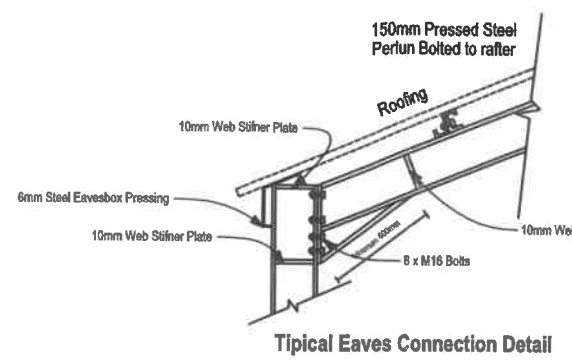
Project: PROPOSED SITE PLANS FOR
REM FARM 781, JARRAHNUP
FARM TRUST
Drawing no. 1213
CS 09
Scale: 1:100
Date: 15/07/2019
Drawn: Llewellyn van Rensburg
Revised:



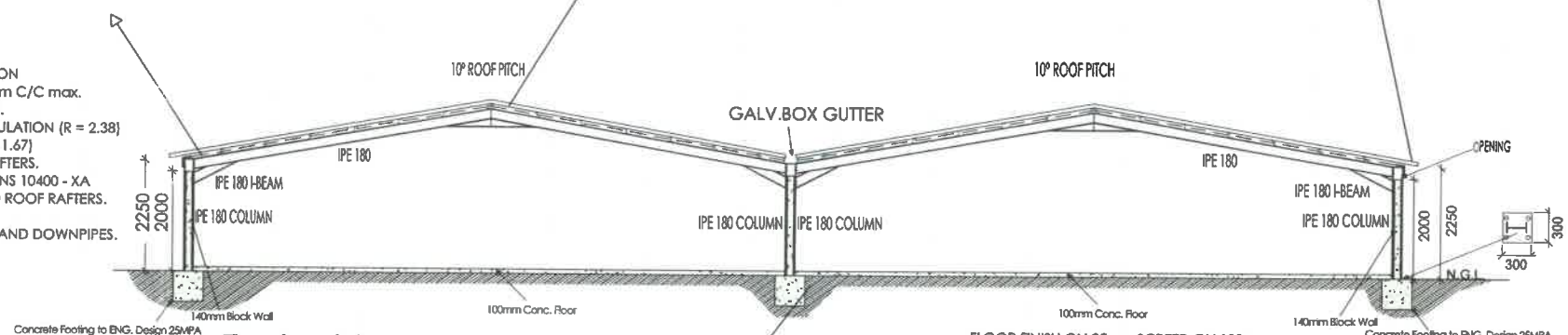
Floor Plan Layout
 Scale 1:200
 Plan no. 273263
 Eri/Farm: Remainder of FA 781
 BUILDING CONTROL OFFICER: [Signature]
 SIGNATURE: [Signature]
 DATE: 26.10.21
 In terms of Section 6 of the National Building Regulations and Standards 103 of 1977



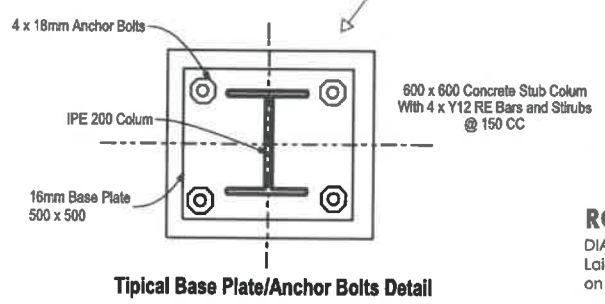
Typical Section A-A
 Scale 1:200



- ROOF BY SPECIALIST:**
1. ROOF PITCH IS 8 DEGREES
 2. 'ZINCULUM' ROOF SHEETS ON
 3. 152 x 50mm beams @ 760mm C/C max. ON 114x38mm WALLPLATES.
 4. 100mm MINERAL WOOL INSULATION (R = 2.38) 40mm 'LAMDABOARD' (R = 1.67) CEILINGBOARDS UNDER RAFTERS. SKIMMED AND PAINTED. SANS 10400 - XA
 5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
 6. 288 x 10mm NU-TEK FASCIA
 7. SEAMLESS ALUMIN. GUTTERS AND DOWNPIPES.
 8. SANS 10400 - L



Typical Section B-B
 Scale 1:200

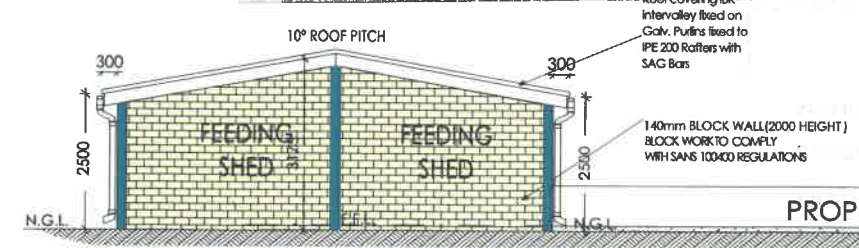


WATER
 Domestic Connection With Valve = 20m
 Ring Main = 20m
 Standpipe = 12m
 Ring Main to H.W.C. = 20m
 Hot & Cold Water Supply Line = 20m
 Branch Lines = 12m
 Isolation Valves to Kicflon + WC's + Bathrooms
 Min 50% of Annual Hotwater Generation Achieved by Solar
 All Services to Comply with SANS 1907 & SANS 10106

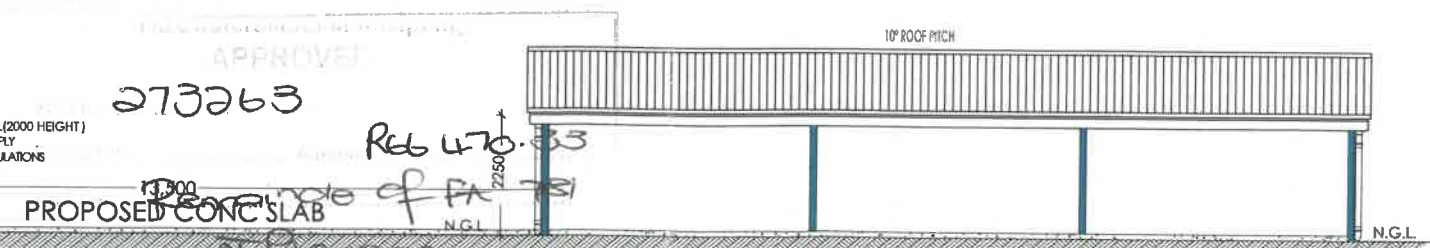
ROOF ASSEMBLY SPECIFICATIONS
 DIAMONDEK Concealed Fix Roofing on Sisalation Insulation Laid on Purlins @ 1200 max c/c for upwards air movement on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sisalation	=	1.36
75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
 Deemed to Comply



Side Elevation
 Scale 1:100



273263
 26.10.21
 In terms of Section 6 of the National Building Regulations and Standards 103 of 1977

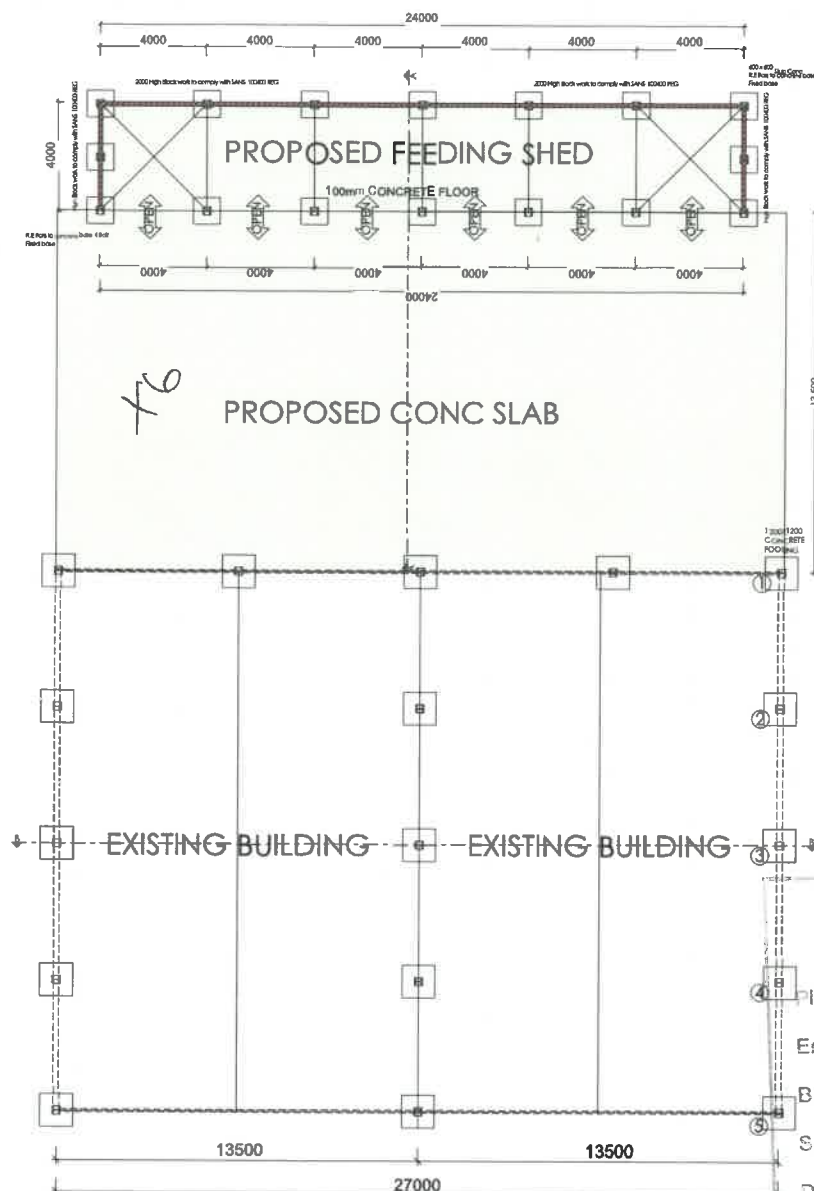
design cooperative
 Llewellyn van Rensburg
 Pr. Arch. ST.1242 SACAP MIA
 Tel 079 037 7348
 vanrensburg.lew@gmail.com

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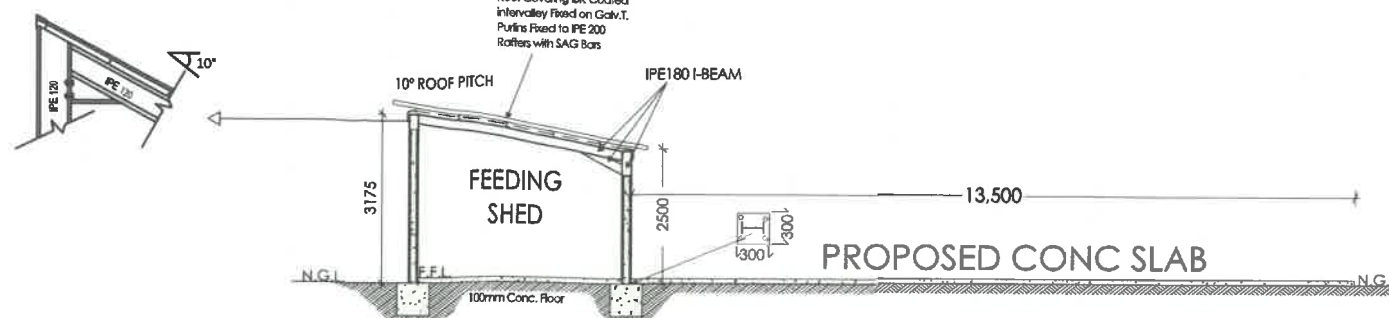
Farm 781 Jarrahnup
 As Built Drawings

Project: AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP TO APPROVED PLANS NO. 10-10-2011	1231
CS 01	
Scale: 1:100 Date Printed: 18/04/2019	
CF9/10 Layout	



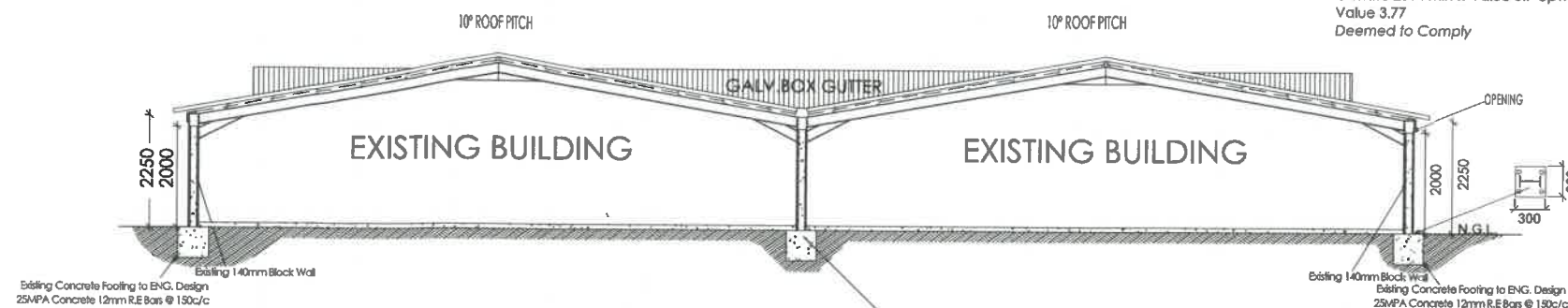
Floor Plan Layout

Scale 1:200



Typical Section A-A

Scale 1:200

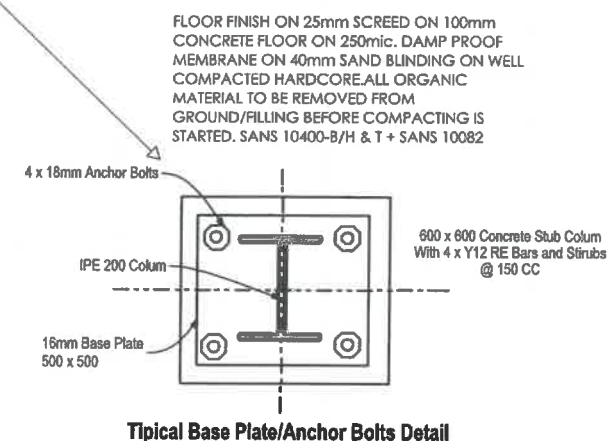


Typical Section B-B

Scale 1:200

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no.: 273263
Erf/Farm: Remainder of FA 781
BUILDING CONTROL OFFICER: D. Metuse
SIGNATURE: [Signature]
DATE: 26.10.21
In terms of Section 8 of the National Building Regulations and Standards 101017

- ROOF BY SPECIALIST:**
1. ROOF PITCH IS 8 DEGREES
 2. 'ZINCOLUMN' ROOF SHEETS ON
 3. 152 x 50mm beams @760mm C/C max. ON 114x38mm WALLPLATES.
 4. 100mm MINERAL WOOL INSULATION (R = 2.38) 40mm 'LAMBDABOARD' (R = 1.67) CEILINGBOARDS UNDER RAFTERS, SKIMMED AND PAINTED, SANS 10400 - XA
 5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
 6. 288 x 10mm NU-TEK FASCIA
 7. SEAMLESS ALUMN. GUTTERS AND DOWNPIPES.
 8. SANS 10400 - L



Typical Base Plate/Anchor Bolts Detail

ROOF ASSEMBLY SPECIFICATIONS

DIAMONDEK Concealed Fix Roofing on Sisalation Insulation Laid on Purlins @ 1200 max c/c for upwards air movement on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sisalation	=	1.36
75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
Deemed to Comply

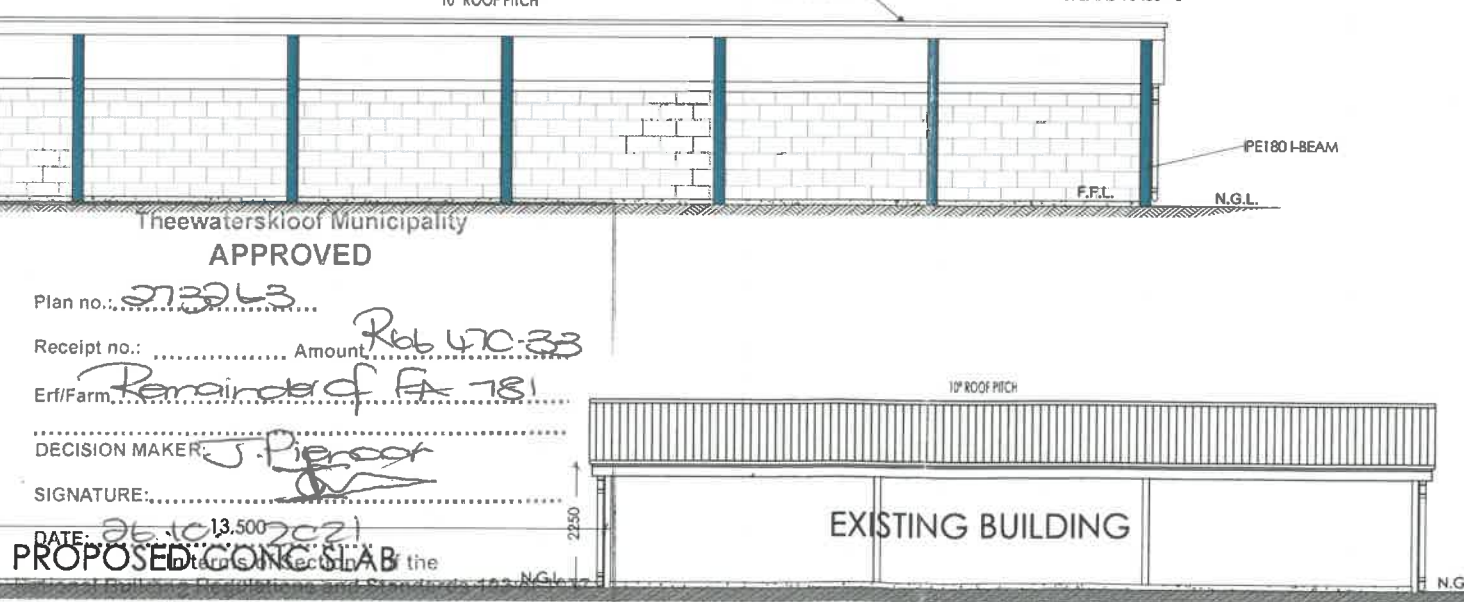
Side Elevation

Scale 1:100



Side Elevation

Scale 1:100



- WATER**
- Domestic Connection With Valve = 20m
 - Ring Main = 20m
 - Standpipe = 12m
 - Ring Main to H.W.C. = 20m
 - Hot & Cold Water Supply Line = 20m
 - Branch Lines = 12m
 - Isolation Valves to Kiction + WC's + Bathrooms
 - Min 50% of Annual Hotwater Generation Achieved by Solar
 - All Services to Comply with SANS 1907 & SANS 10106

design cooperative

Llewellyn van Rensburg
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Architecture & Planning

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Farm 781 Jarrahnup

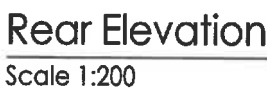
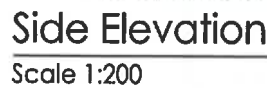
As Built Drawings

Project: AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP TO APPROVED PLANS NO. 10-10-2011	1231
CS 01.2	
Scale: 1:100 Date: 18/04/2018	
Feeding Sheds CF8-CF1	

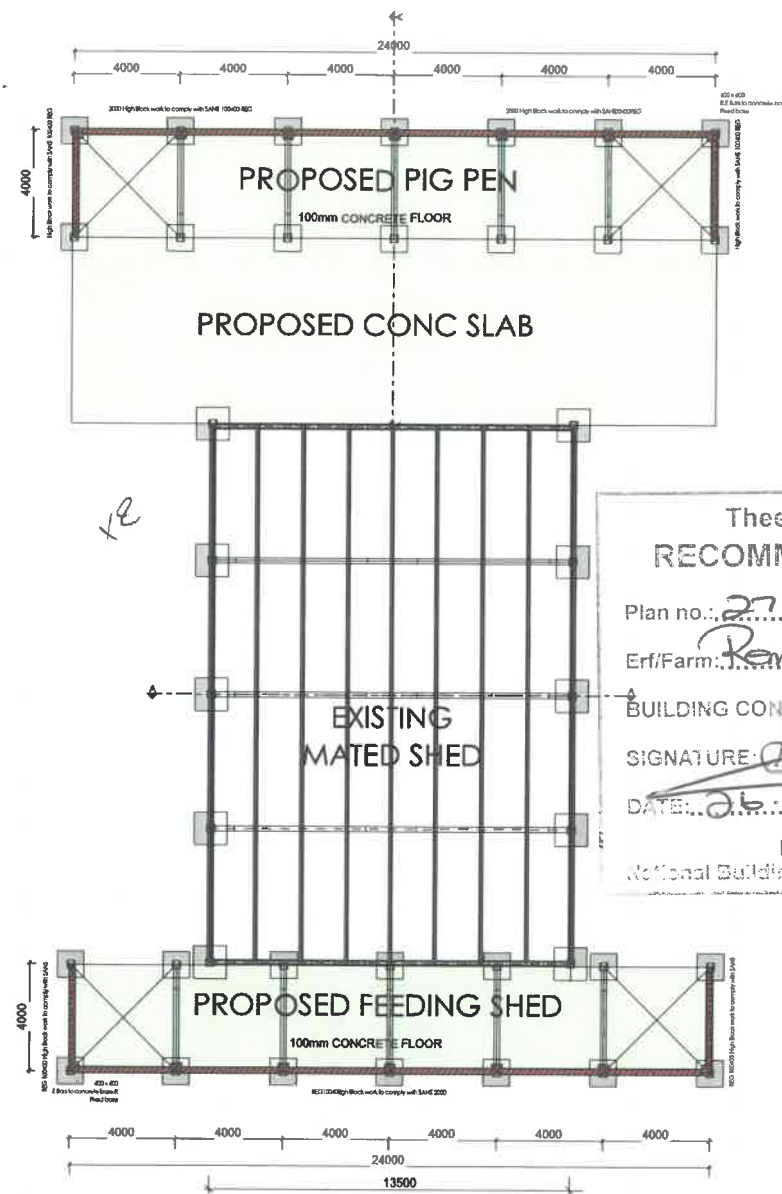


Front Elevation

Scale 1:200



Project:	AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP TO APPROVED PLANS NO. 10-10-2011		Project no.	1231
Drawing:	Sheet:	1:100	Drawn by:	CS 02.1
Loading Bay & Tool Shed	Date Printed:	15/04/2019	Checked by:	
	Drawn by:	<i>Heather</i>	Checked by:	



ROOF ASSEMBLY SPECIFICATIONS

DIAMONDEK Concealed Fix Roofing on Sisalation Insulation Laid on Purlins @ 1200 max c/c for upwards air movement on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sisalation	=	1.36
75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
Deemed to Comply

Theewaterskloof Municipality RECOMMENDED FOR APPROVAL

Plan no. 273263
Remainder of FA 781
BUILDING CONTROL OFFICER: D. Mafuse
SIGNATURE: D. Mafuse
DATE: 26.10.2021

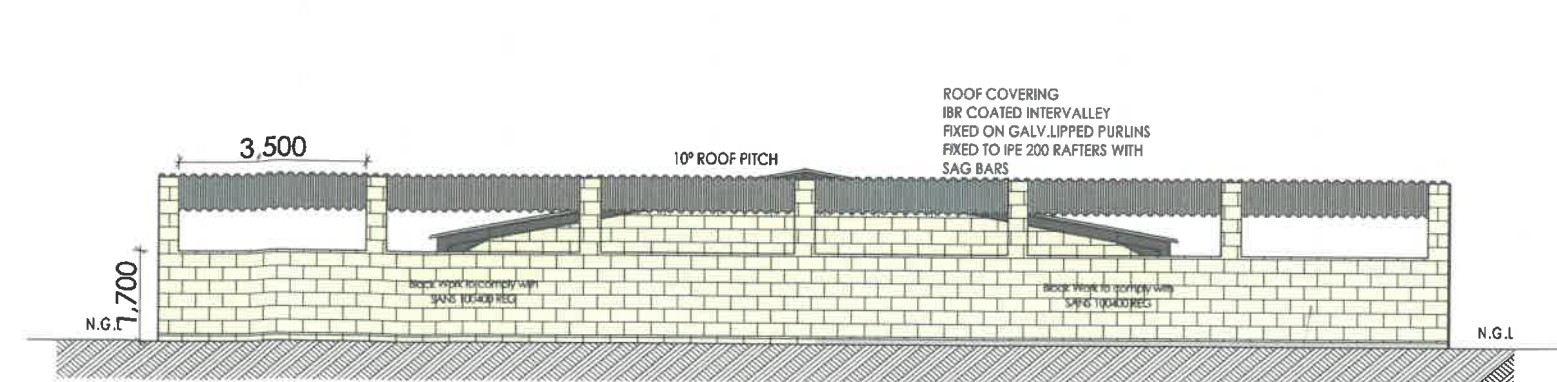
In terms of Section 6 of the National Building Regulations and Standards Act 103 of 1977

WATER
Domestic Connection With Valve
Ring Main
Standpipe
Ring Main to H.W.C.
Hot & Cold Water Supply Line
Branch Lines
Isolation Valves to Kitchen + WC's + Bathrooms
Min 50% of Annual Hotwater Generation Achieved by Solar
All Services to Comply with SANS 1907 & SANS 10106

= 20m
= 20m
= 12m
= 20m
= 20m
= 12m

Front Elevation

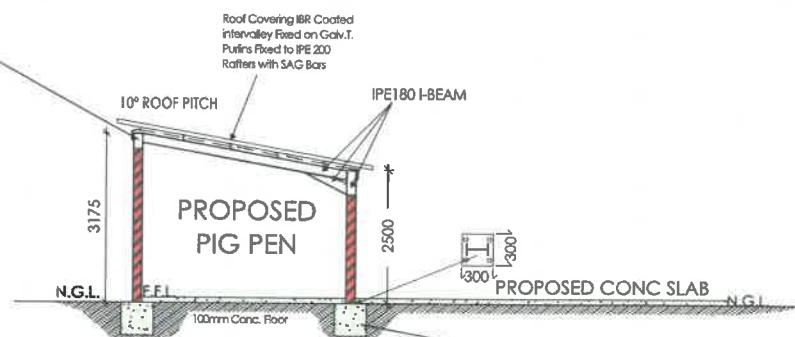
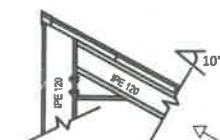
Scale 1:100



FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mic. DAMP PROOF MEMBRANE ON 40mm SAND BLINDING ON WELL COMPACTED HARDCORE. ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-B/H & T + SANS 10082

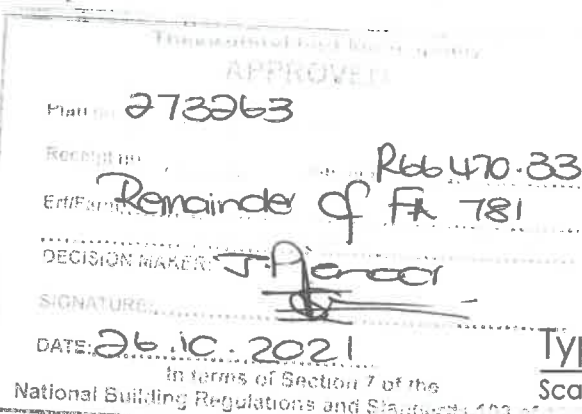
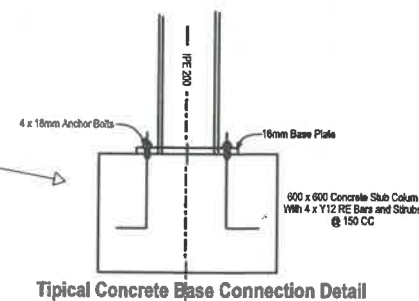
ROOF BY SPECIALIST:

1. ROOF PITCH IS 8 DEGREES
2. 'ZINCALUMEN' ROOF SHEETS ON
3. 152 x 50mm beams @ 760mm C/C max. ON 114x38mm WALLPLATES.
4. 100mm MINERAL WOOL INSULATION (R = 2.38) 40mm 'LAMBDA BOARD' (R = 1.67) CEILINGBOARDS UNDER RAFTERS, SKIMMED AND PAINTED. SANS 10400 - XA
5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
6. 288 x 10mm NU-TEK FASCIA
7. SEAMLESS ALUMN. GUTTERS AND DOWNPIPES.
8. SANS 10400 - L



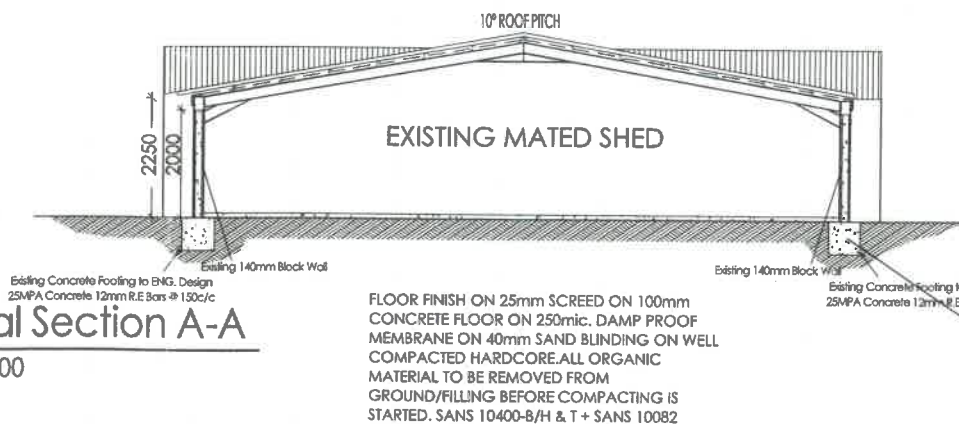
FOUNDATION

The top of foundations to be nominally 650mm below natural ground level. Backfill to foundations 90mm thick internal walls to be founded 600mm x 200mm slab thickening 90 & 230mm wall to be founded on 700 x 230mm strip foundations. Provide 800 x 800 x 300mm concrete block footings to 350 x 350mm brick columns elsewhere to foundations to project 200mm past brickwork and to be 230mm deep. Contractor to confirm ground conditions & excavate footings to firm ground.

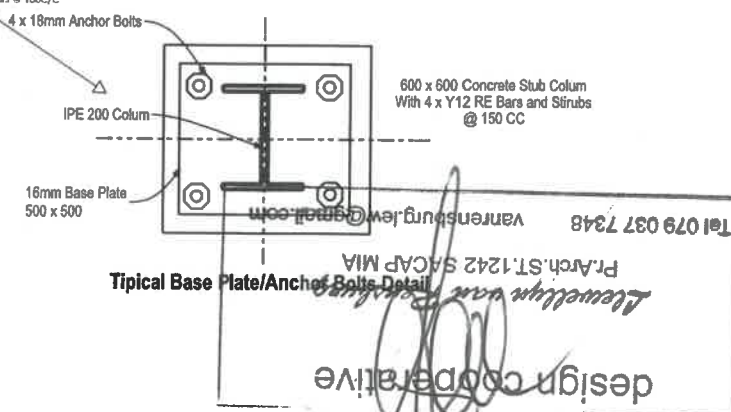


Typical Section A-A

Scale 1:100

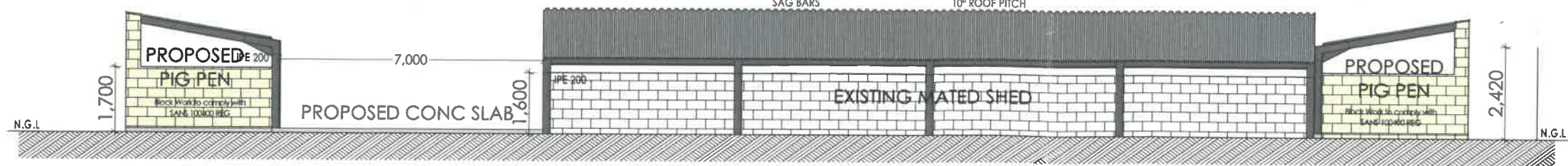


FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mic. DAMP PROOF MEMBRANE ON 40mm SAND BLINDING ON WELL COMPACTED HARDCORE. ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-B/H & T + SANS 10082



Side Elevation

Scale 1:100



design cooperative

Llewellyn van Rensburg
Architecture & Planning

Pr. Arch. ST1242, SACAP MIA

vanrensborg.lew@gmail.com

Farm 781 Jarrahnup

As Built Drawings

AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP TO APPROVED PLANS NO. 10-10-2011

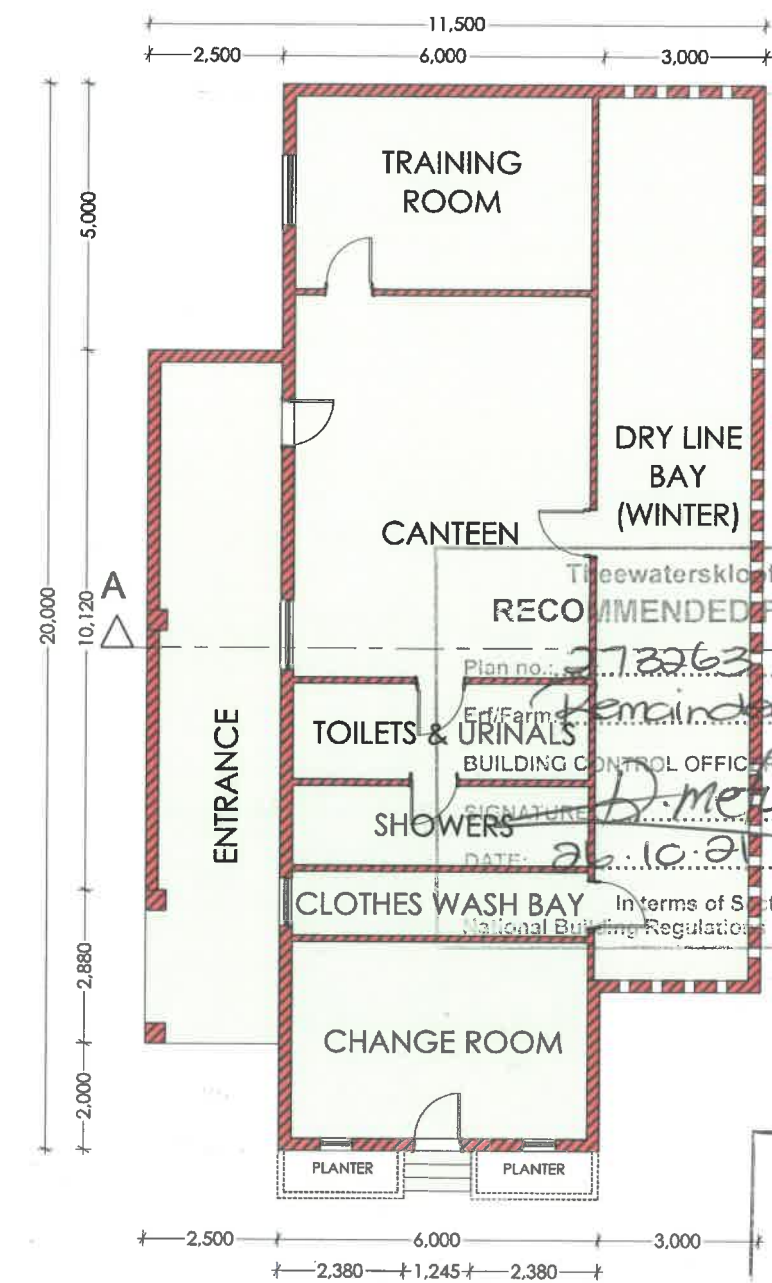
1231

CS 04.1

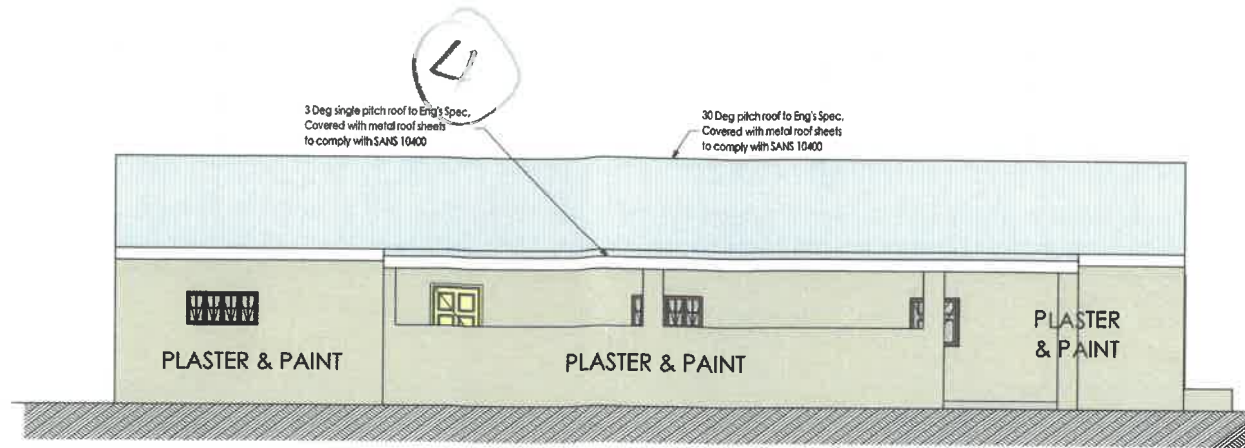
Mated Sheds

Scale: 1:100 Date: 18/04/2019

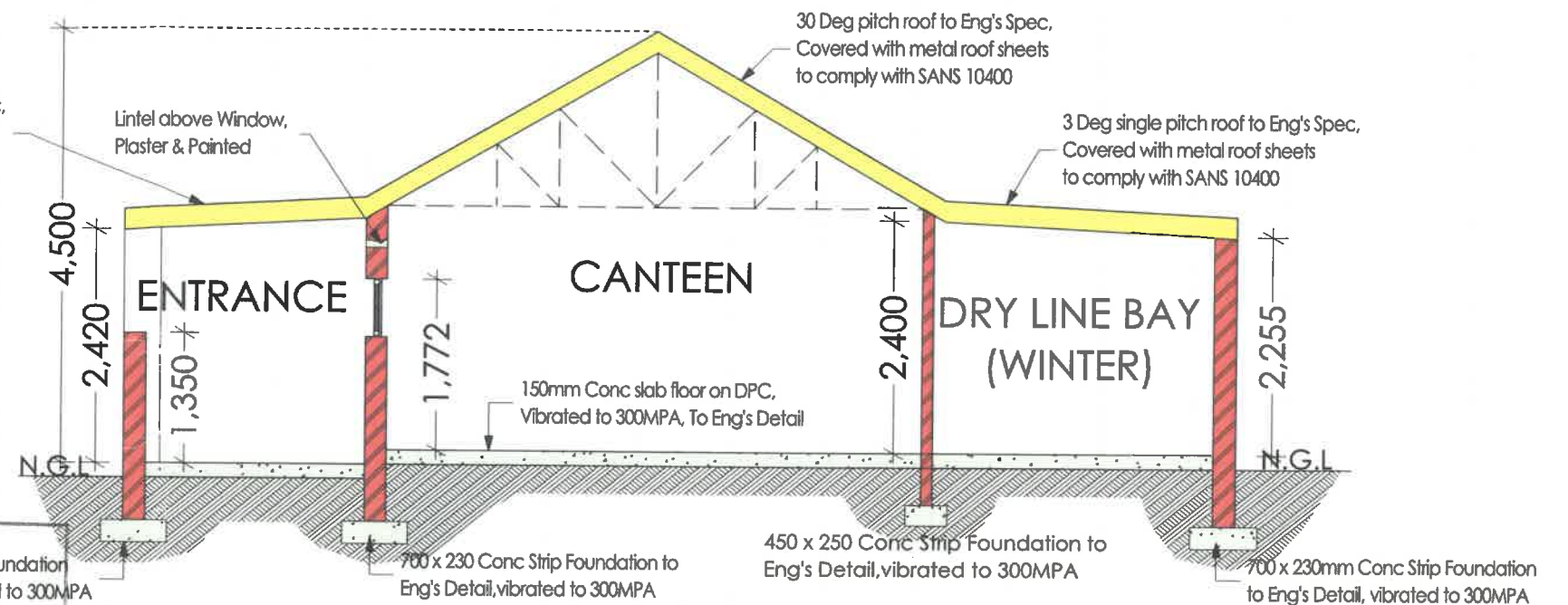
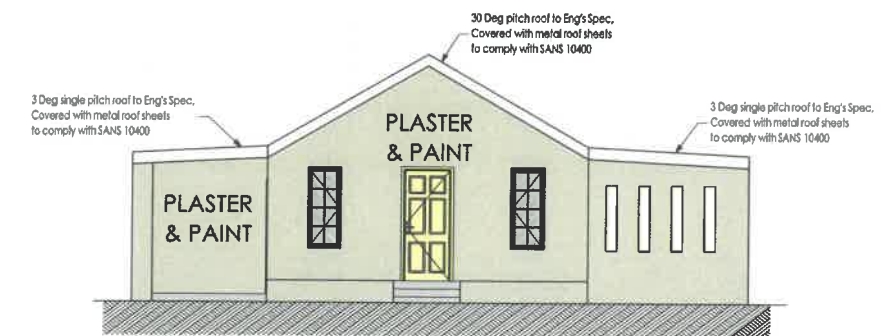
Drawn: Llewellyn van Rensburg



Side Elevation
Scale 1:100

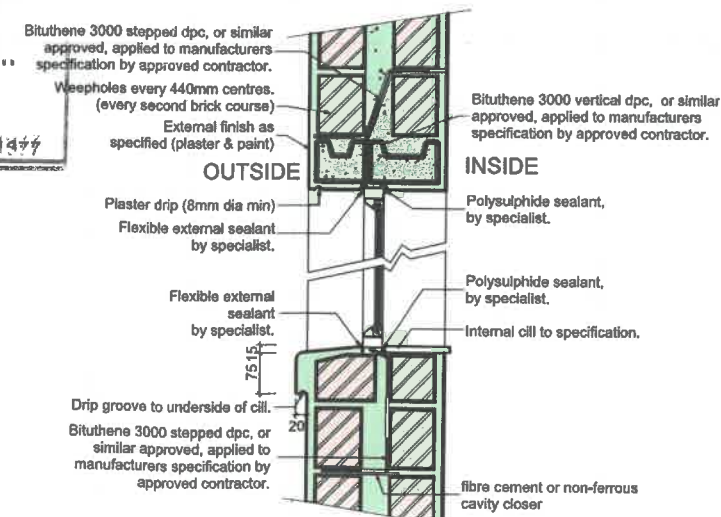


Front Elevation
Scale 1:100



FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mic. DAMP PROOF MEMBRANE ON 40mm SAND BLINDING ON WELL COMPACTED HARDCORE. ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-8/H & T + SANS 10082

Theewaterskloof Municipality
APPROVED
Plan no.: 273263
Receipt no.: Amount: R46 470.33
Erf/Farm: Remainder of FA 781
DECISION MAKER: J. Pieterse
SIGNATURE:
DATE: 26.10.21
In terms of Section 7 of the National Building Regulations and Standards 103 of 1977



ROOF ASSEMBLY SPECIFICATIONS

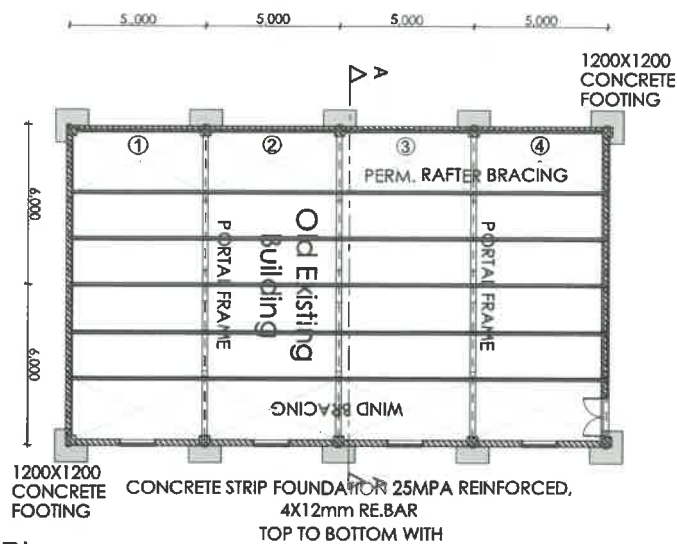
DIAMONDEK Concealed Fix Roofing on Sitation Insulation Laid on Purlins @ 1200 max c/c for upwards air movement on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sitation	=	1.36
75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

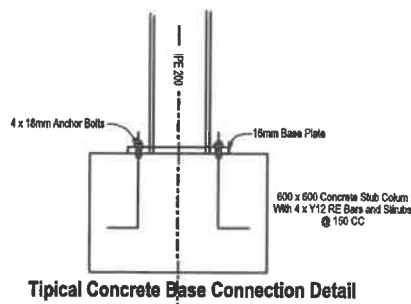
Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
Deemed to Comply

design cooperative
Llewellyn van Rensburg
Pr Arch. ST1242. SACAP MIA
Tel 079 037 7348 | vanrensburg.lew@gmail.com

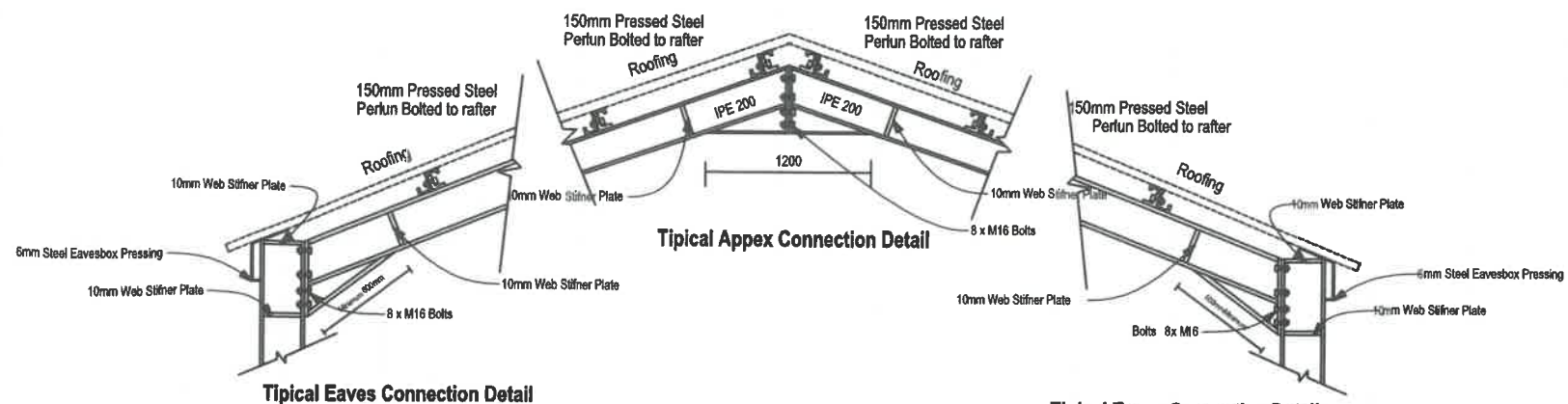
Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242



Floor Plan
Scale 1:200



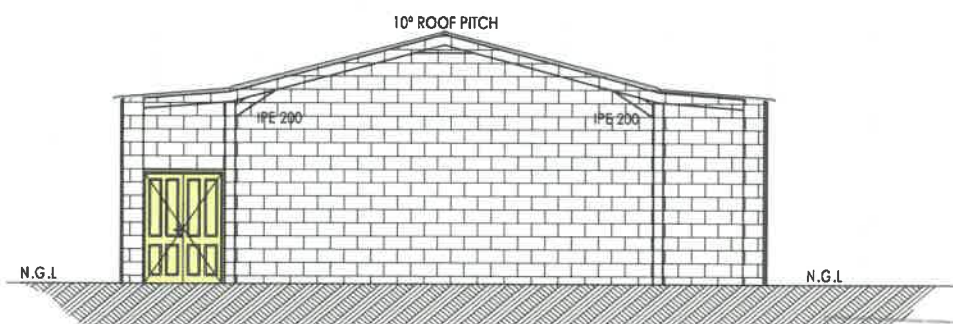
Typical Concrete Base Connection Detail



Typical Eaves Connection Detail

Typical Eaves Connection Detail

- ROOF BY SPECIALIST:**
1. ROOF PITCH IS 8 DEGREES
 2. 'ZINCOLUMN' ROOF SHEETS ON
 3. 152 x 50mm beams @ 760mm C/C max. ON 114x38mm WALLPLATES.
 4. 100mm MINERAL WOOL INSULATION (R = 2.38) 40mm 'LAMDABOARD' (R = 1.67) CEILINGBOARDS UNDER RAFTERS. SKIMMED AND PAINTED, SANS 10400 - XA
 5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
 6. 288 x 10mm NU-TEK FASCIA
 7. SEAMLESS ALUMN. GUTTERS AND DOWNPIPES.
 8. SANS 10400 - L

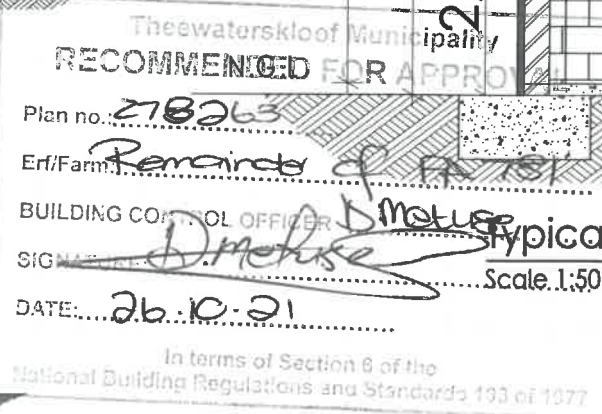


Front Elevation
Scale 1:100

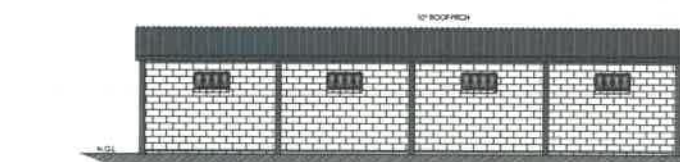
EAVES STIFFENER CONNECTION TO RAFTER "HORNCH"



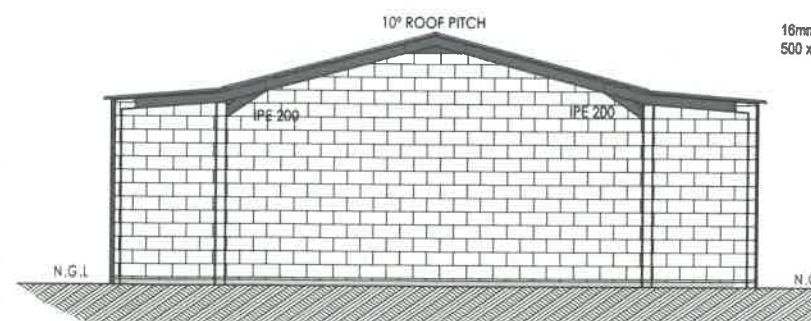
Typical Section A-A



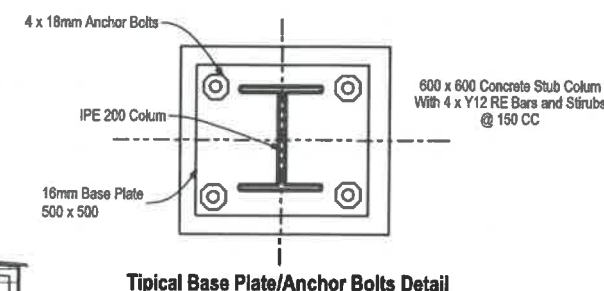
Side Elevation
Scale 1:200



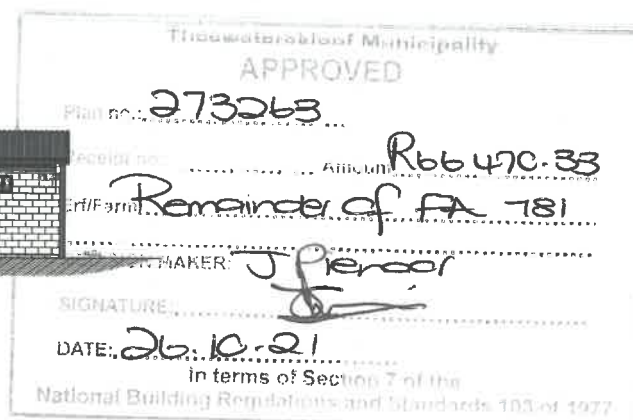
Side Elevation
Scale 1:200

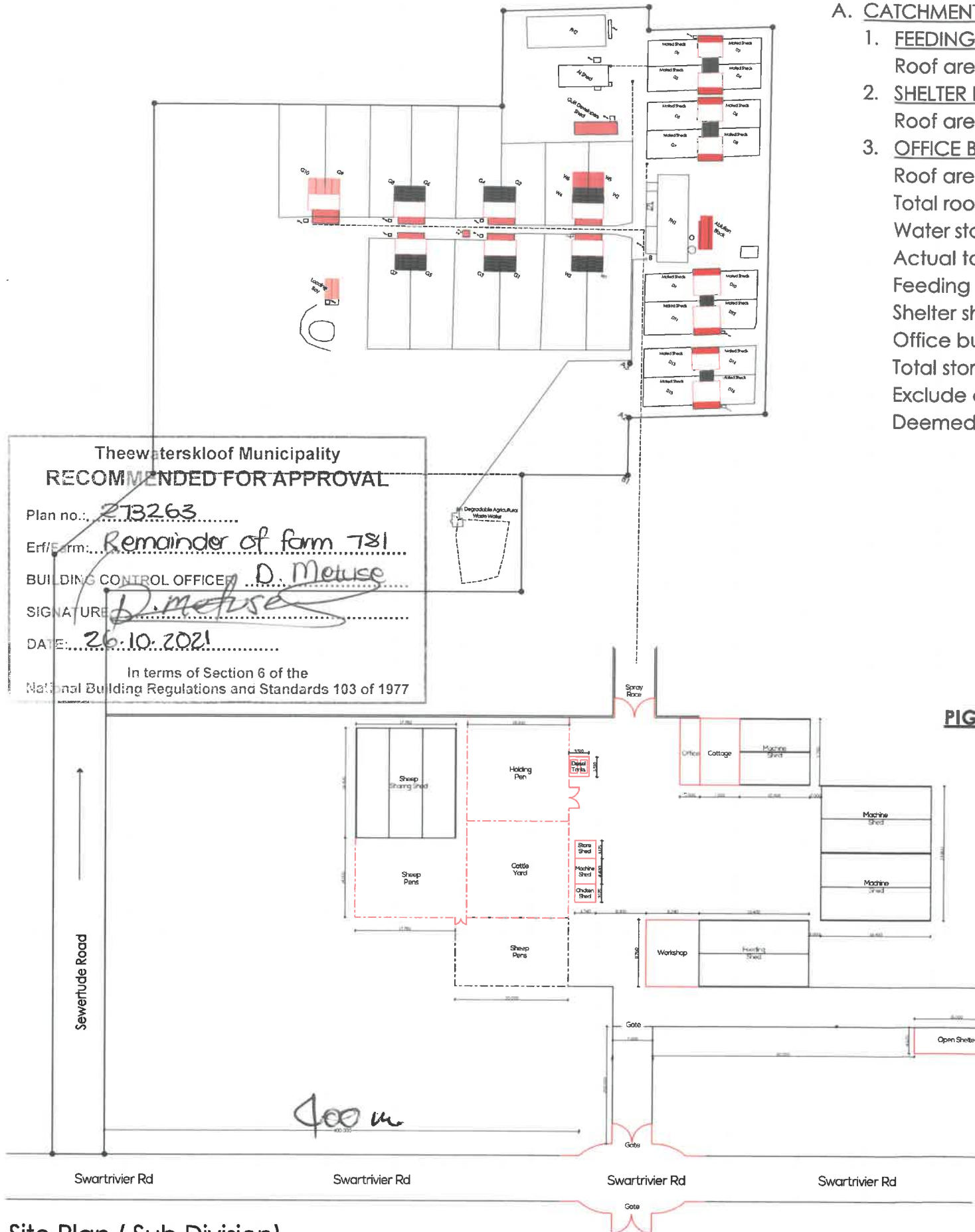


Rear Elevation
Scale 1:100



Typical Base Plate/Anchor Bolts Detail





Site Plan (Sub Division)
Scale 1:250

A. CATCHMENT OF ROOF RAIN WATER STORAGE

1. FEEDING SHEDS X 24

Roof area $24 (5\,000 \times 24) = 2\,880\text{m}^2 \times 382\text{l/m}^2 = 1\,100\,000\text{l}$

2. SHELTER BUILDINGS

Roof area $24 (15 \times 7 \times 4) = 10\,080\text{m}^2 \times 382\text{l/m}^2 = 3\,850\,000\text{l}$

3. OFFICE BLOCK

Roof area $2 \times 7 \times 25 = 350\text{m}^2 \times 382\text{l/m}^2 = 133\,700\text{l}$

Total roof water capacity/month = 628 700 l

Water storage tanks (5 000 l) = 125 off

Actual tanks installed

Feeding shed = $24 \times 2 = 48$

Shelter shed = $24 \times 4 = 96$

Office building = $1 \times 2 = 2 = 146\text{ off}$

Total storage capacity rainwater = 730 000 l

Exclude existing borehole supply of $\pm 120\,000\text{l/h}$

Deemed to satisfy

3. OFFICE BLOCK

Roof area = $2 \times 7 \times 25$

= 350m^2

Gutter size = 150mm

D.P. size = $2 \times 100\text{mm}$

Total roof rain water storage exceed effluent capacity (Exclude existing borehole capacity of m^2)

Totally independent municipal water supply required

Demand to satisfy

PIG SHELTER FLOOR WASHING EFFLUENT

C. Under ground concrete tanks

1. $(3\,000 \times 3\,000 \times 2\,000 \text{ Deep}) 8\,000\text{l cap}$

$24\text{ off} \times 17\,999\text{l} = 432\,000\text{l capacity}$

All Bio Degradable Agricultural Waste Water for irrigation purpose on farm land

Total Waste Water capacity cycle discharged = 432 000 l

2. This include effluent from spray race wash bay water discharged into effluent tanks

B. GUTTER REQUIREMENTS (per building)

1. SHELTER SHED

Roof area (middle) = 210m^2

Box gutter size = 300mm

D.P. requirement = $1 \times 125\text{mm}$

Side roof area = $105\text{m}^2 \times 2 = 210$

Gutter sizes = 125mm

D/P sizes = $4 \times 100\text{mm}$

2. FEEDING SHED

Roof area (m^2) = 24×5

= 120m^2

Gutter area = 125mm

Gutter size = 150mm

D.P. = 100mm

= 2×75

Theewaterskloof Municipality
APPROVED
Plan no. 273263
Receipt no. R66 470, 33
Ed/Farm. Remainder of farm 781
DECISION MAKER: J. Pieterse
SIGNATURE: [Signature]
DATE: 26.10.2021
In terms of Section 7 of the
National Building Regulations and Standards 103 of 1977

design cooperative

Llewellyn van Rensburg
Architecture & Planning

Pr. Arch. ST1242, SACAP MIA

Tel 079 037 7348

vanrensburg.lew@gmail.com

Farm 781 Jarrahnup

As Built Drawings

Project: AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP TO APPROVED PLANS NO. 10-10-2011

1231

CS 11

Site Layout (Sub-Division)

Scale: 1:100 Date: 18/04/2019

Drawn: Llewellyn van Rensburg

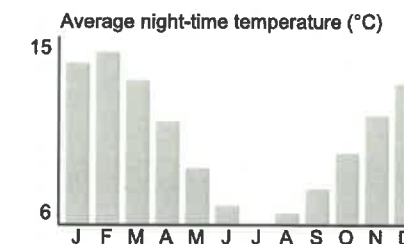
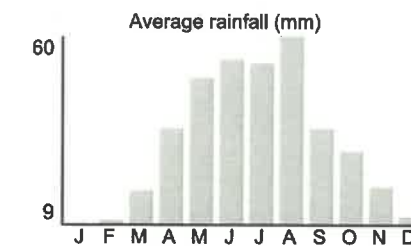
Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242



Site Plan (Google Earth)
Scale NTS

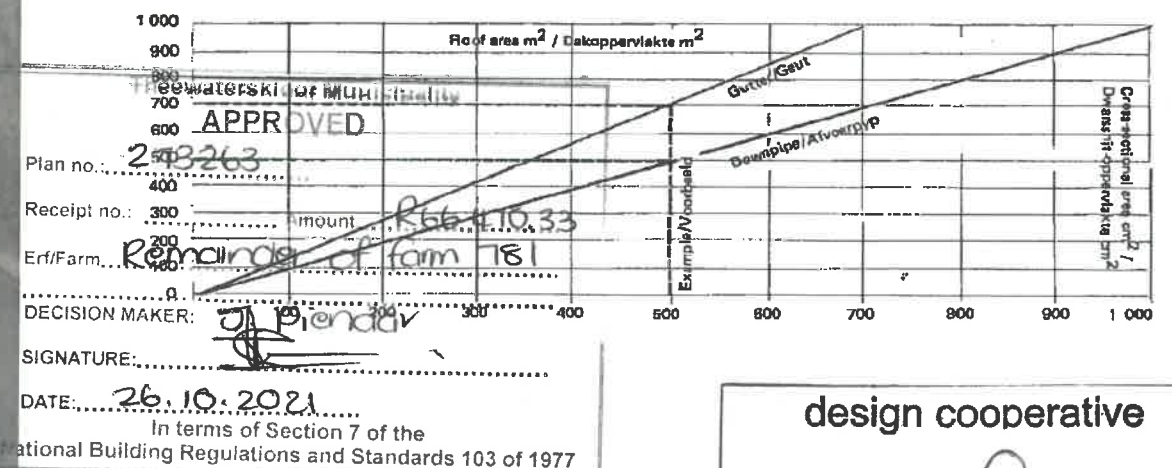
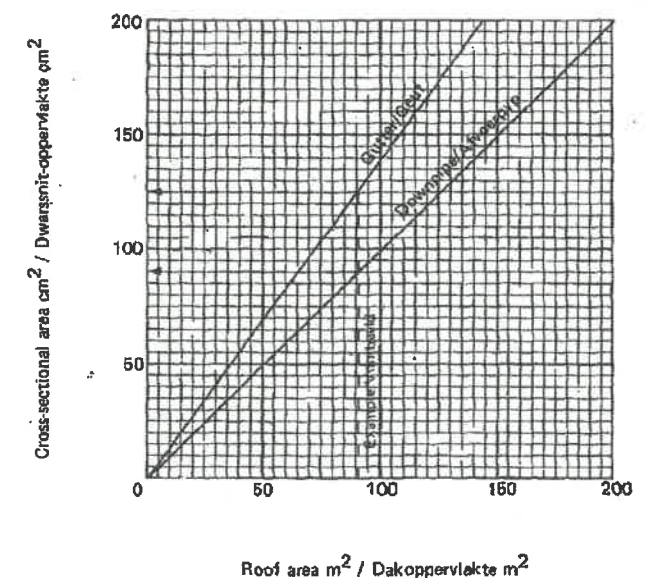
Bot-Rivier Climate

> South Africa > Western Cape > Theewaterskloof



Determination of Sizes of Gutters and Downpipes

The chart is calculated on the assumption that 1 cm² of downpipe is sufficient for 1 m² of roof area, which is adequate for average rainfall conditions. For heavy rainfall areas, calculations should be based on 10 m² of downpipe for 7 m² of roof area, whereas in dry areas, where heavy showers are not likely to occur, 10 cm² of downpipe is sufficient for 14 m² of roof area.



design cooperative

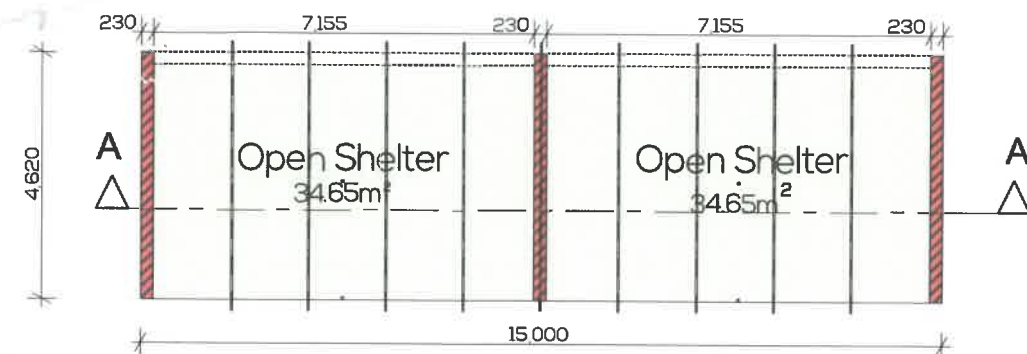
Llewellyn van Rensburg
Pr.Arch.ST.1242 SACAP MIA

Tel 079 037 7348 vanrensburg.lew@gmail.com

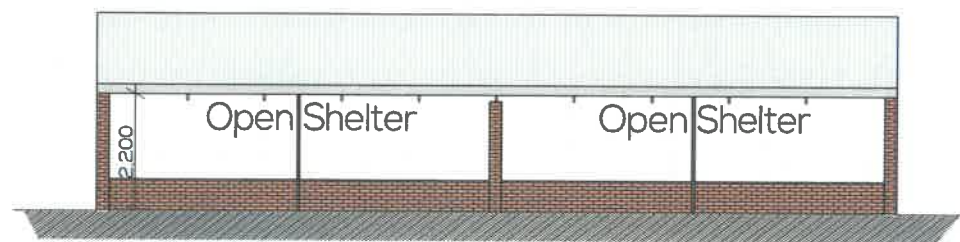


Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

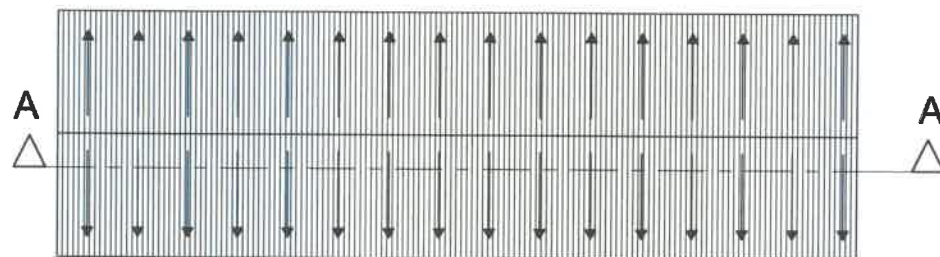
Project	AS BUILT PLANS FOR FARM 781 BOT RIVIER, JARRAHNUP TO APPROVED PLANS NO. 10-10-2011	Drawings	1231
Scale	1:100	Date	18/04/2019
Owner	Llewellyn van Rensburg	Drawings	CS 12
Site Layout Earth			



Floor Plan Layout
Scale 1:100



Front Elevation
Scale 1:100



Roof Plan
Scale 1:100

ROOF ASSEMBLY SPECIFICATIONS

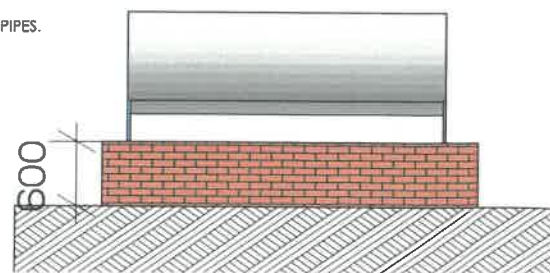
DIAMONDEK Concealed Fix Roofing on Sisalation Insulation Laid on Purlins @ 1200 max c/c for upwards air movement on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sisalation	=	1.36
75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

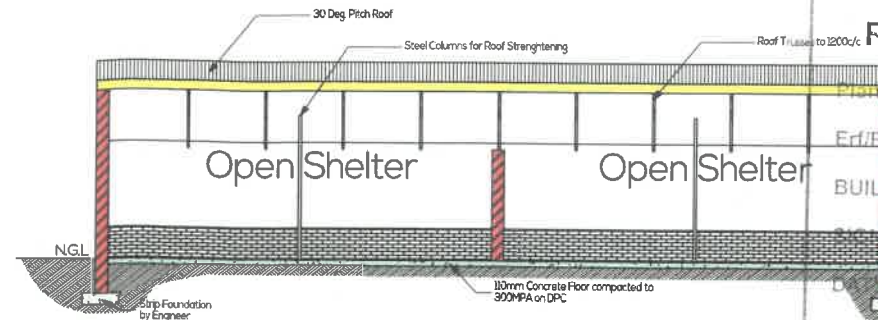
Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
Deemed to Comply

ROOF BY SPECIALIST:

1. ROOF PITCH IS 8 DEGREES
2. 'ZINCOLUMN' ROOF SHEETS ON
3. 152 x 50mm beams @ 760mm C/C max. ON 114x38mm WALLPLATES.
4. 100mm MINERAL WOOL INSULATION (R = 2.38) 40mm 'LAMBABOARD' (R = 1.67) CEILINGBOARDS UNDER RAFTERS, SKIMMED AND PAINTED, SANS 10400 - XA
5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
6. 288 x 10mm NU-TEK FASCIA
7. SEAMLESS ALUMN. GUTTERS AND DOWNPIPES.
8. SANS 10400 - L



Side Elevation
Scale 1:50



Typical Section A-A
Scale 1:100

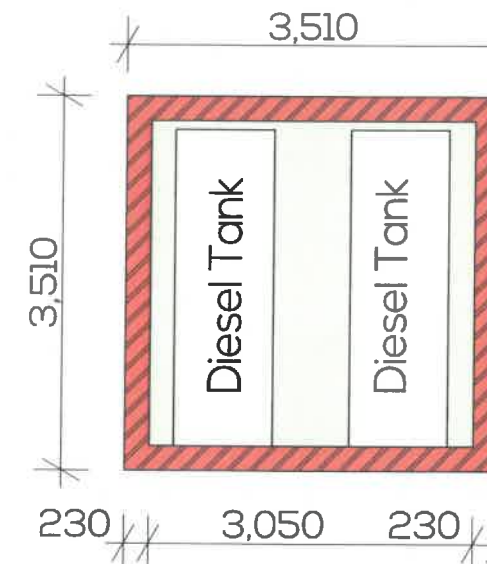
FOUNDATION

The top of foundations to be nominally 650mm below natural ground level. Backfill to foundations 90mm thick internal walls to be founded 600mm x 200mm slab thickening 90 & 230mm wall to be founded on 700 x 230mm strip foundations. Provide 800 x 800 x 300mm concrete block Footings to 350 x 350mm brick columns elsewhere to foundations to project 200mm past brickwork and to be 230mm deep. Contractor to confirm ground conditions & excavate footings to firm ground.

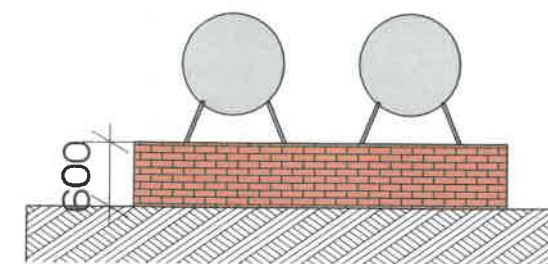
FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mic. DAMP PROOF MEMBRANE ON 40mm SAND BUNDING ON WELL COMPACTED HARDWARE. ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-B/H & T + SANS 10082



Side Elevation
Scale 1:100



Floor Plan Layout
Scale 1:50



Front Elevation
Scale 1:50

Theewaterskloof Municipality RECOMMENDED FOR APPROVAL

Plan No. 273263
Receipt No. 273263
Amount R 6,470.33
Erm. Remand of F 781
BUILDING CONTROL OFFICER D. Meeuse
DATE 26.10.2021
In terms of Section 6 of the National Building Regulations and Standards 103 of 1977

Theewaterskloof Municipality
APPROVED
Plan No. 273263
Receipt No. 273263
Amount R 6,470.33
Erm. Remand of F 781
DECISION MAKER J. Pieterse
SIGNATURE: J. Pieterse
DATE 26.10.2021
In terms of Section 7 of the National Building Regulations and Standards 103 of 1977

OVER: J. Pieterse
MUNICIPALITEIT
GOEBBERG DISTRICT MUNICIPALITY
DATE 26.10.2021

As Built Drawings to
Previously Approved Plans
Dated 05/08/94

design cooperative
Llewellyn van Rensburg
Pr. Arch. ST1242 SACAP MIA
Tel 079 037 7348
Member of the Council for the Architectural Profession Reg ST1242

design cooperative

Llewellyn van Rensburg
Architecture & Planning
Pr. Arch. ST1242 SACAP MIA
vanrensburg.lew@gmail.com

Farm 781 Jarrahnup

As Built Drawings

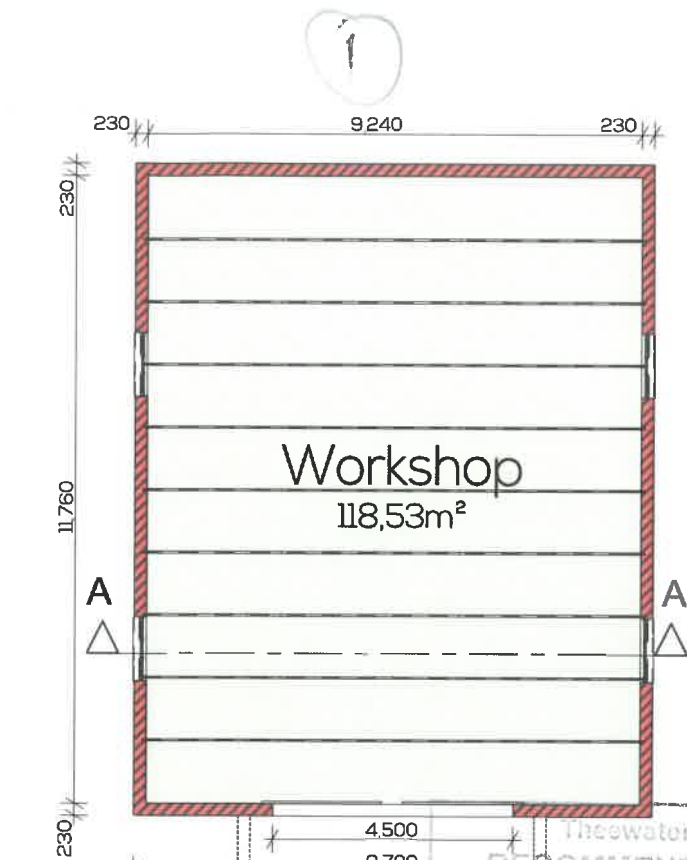
AS BUILT PLANS FOR FARM 781,
BOT RIVIER, JARRAHNUP

1230

CS 01

Open Shelter Plans

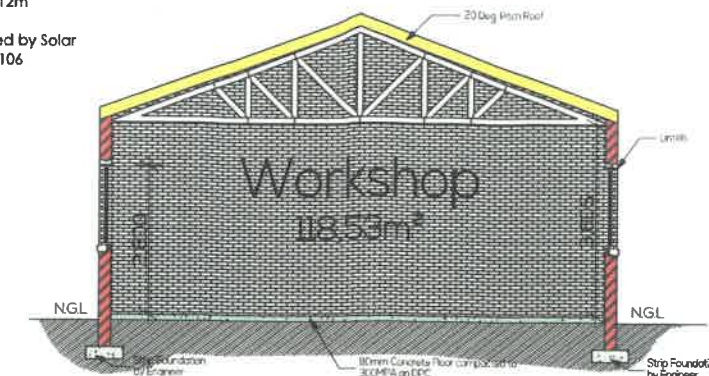
Scale: 1:100
Date Printed: 09/04/2019
Llewellyn van Rensburg



Floor Plan Layout
Scale 1:100

WATER
Domestic Connection With Valve = 20m
Ring Main = 20m
Standpipe = 12m
Ring Main to H.W.C. = 20m
Hot & Cold Water Supply Line = 20m
Branch Lines = 12m
Isolation Valves to Kitchens + WC's + Bathrooms
Min 50% of Annual Hotwater Generation Achieved by Solar
All Services to Comply with SANS 1907 & SANS 10106

FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mm. DAMP PROOF MEMBRANE ON 40mm SAND BLINDING ON WELL COMPACTED HARD CORE. ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-B/H & T + SANS 10082



Typical Section A-A
Scale 1:100

FOUNDATION

The top of foundations to be nominally 650mm below natural ground level. Backfill to foundations 90mm thick internal walls to be founded 600mm x 200mm slab thickening 90 & 230mm wall to be founded on 700 x 230mm strip foundations. Provide 800 x 800 x 300mm concrete block footings to 350 x 350mm brick columns elsewhere to foundations to project 200mm past brickwork and to be 230mm deep. Contractor to confirm ground conditions & excavate footings to firm ground.

ROOF ASSEMBLY SPECIFICATIONS

DIAMONDEK Concealed Fix Roofing on Sisalation Insulation Laid on Purlins @ 1200 max c/c for upwards air movement on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
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75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

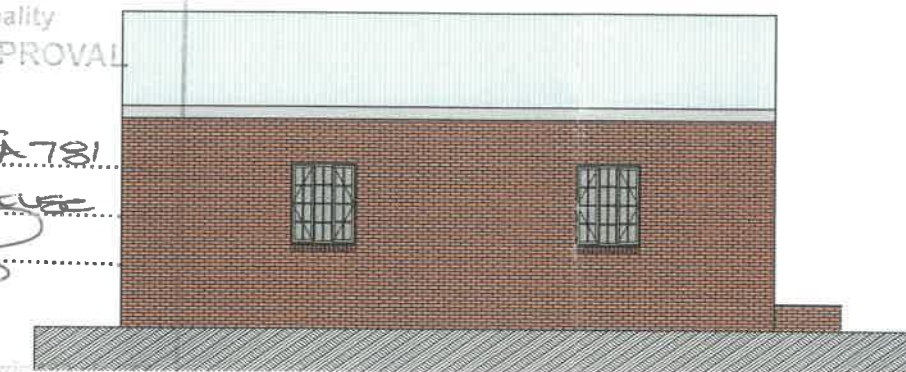
Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
Deemed to Comply

ROOF BY SPECIALIST:

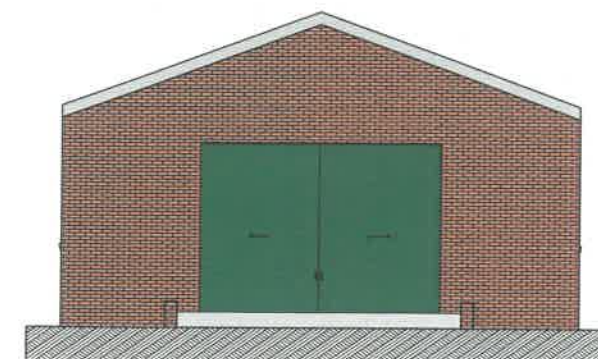
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2. 'ZINCOLUMN' ROOF SHEETS ON
3. 152 x 50mm beams @ 760mm C/C max. ON 114x38mm WALLPLATES.
4. 100mm MINERAL WOOL INSULATION (R = 2.38) 40mm 'LAMDABOARD' (R = 1.67) CEILINGBOARDS UNDER RAFTERS. SKIMMED AND PAINTED. SANS 10400 - XA
5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
6. 288 x 10mm NU-TEK FASCIA
7. SEAMLESS ALUMN. GUTTERS AND DOWNPIPES.
8. SANS 10400 - L

ROOF CONSTRUCTION FOR OUTBUILDING:
TRUSSES:
0.53mm TCT in 'Colourbond' ultra AZ 200 Steel, Metallic coating AZ 200 (Min. 200g/m² coating mass) Grade G550, super polyester paint system, 25mm on top side x 10mm on reverse side. Fasteners to comply to manufacturers spec.
FLASHING and or should ridge gapping should be manufactured from same material as for the roofing.
OPEN TRUSSES:
Roof sheeting on 75x50mm timber purlins @ 1100mm C/C on prefabricated roof rafters @ 1000mm C/C on 152x50mm timber wallplate, anchored with galv. hoop-iron, built into wall min 600mm deep.
ROOF SHEETING:
Superseal 500 Epoxy Coated Roof Sheeting or similar.
RAINWATER GOODS:
All gutters and downpipes to be aluminium O-gee profile to match colour of roof sheeting. Stormwater to discharge over sump into 75mm pvc rainwater pipe to stormwater system. Fascias to be 200 x 15mm fibre cement - primed & painted to match roof & gutter colour.
CEILING:
ISOBOARD Nail Up Ceiling Thermal Insulation:
"IsoBoard high density 32-36kg/m³ rigid extruded polystyrene 100 % closed cell insulation board of 40mm min thickness and 600 mm width, tack-fixed with recommended adhesive at 200 mm intervals to timber/steel bracing installed at maximum 700mm centres transversely to trusses, and edge-fixed with concealed ceiling clips screwed/pop-riveted to timber/steel bracing. Boards to be secured to perimeter bracing with drywall screws and washers at 300mm centres."
CEILING INSULATION:
100mm ISOTHERM insulation on top of ceiling throughout.

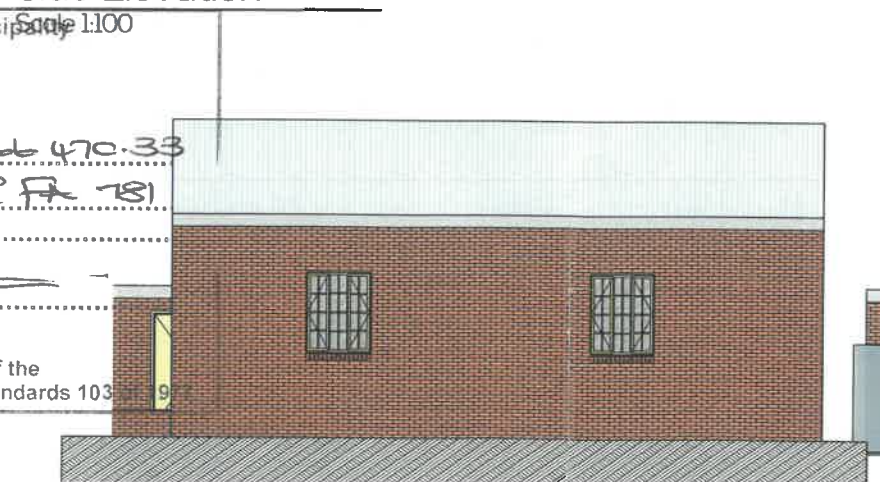
Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no. 273263
Ert/Farm: Remainder of FA 781
BUILDING CONTROL OFFICER: D. Metuse
SIGNATURE: D. Metuse
DATE: 26.10.2021



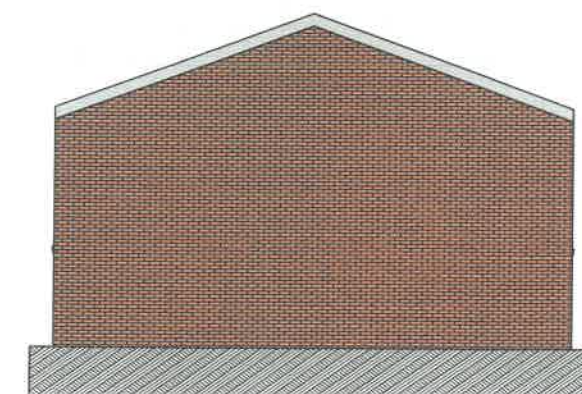
Side Elevation
Scale 1:100



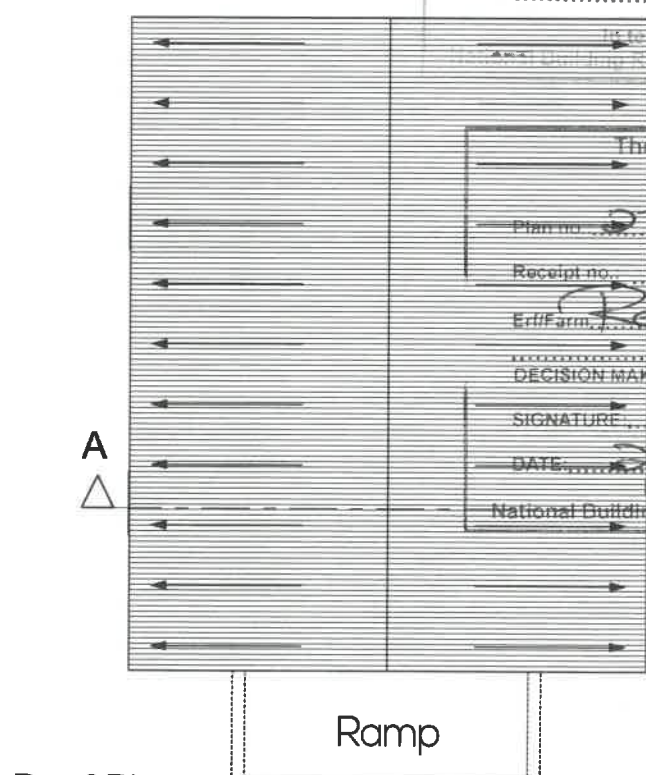
Front Elevation
Scale 1:100



Side Elevation
Scale 1:100

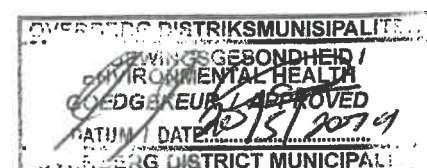


Rear Elevation
Scale 1:100



Roof Plan
Scale 1:100

As Built Drawings to
Previously Approved Plans
Dated 05/08/94



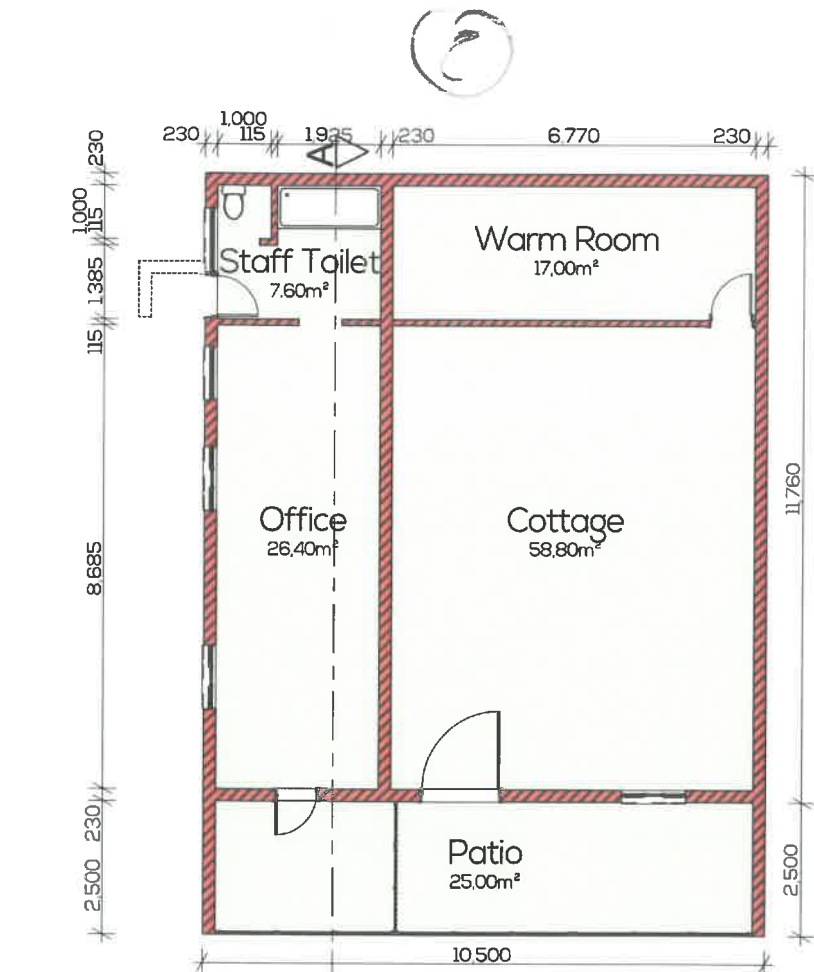
design cooperative
Llewellyn van Rensburg
Pr. Arch. ST1242, SACAP MIA.
Tel 079 032 1242 Email: vanrensburg.l@design.cooperative.co.za
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

design cooperative
Llewellyn van Rensburg
Architecture & Planning
Pr. Arch. ST1242, SACAP MIA

Farm 781 Jarrahnup

As Built Drawings

Project: AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP	Scale: 1:100	Drawn: 09/04/2019	Project no. 1230
Workshop	Drawn: Llewellyn van Rensburg	Project no. CS 02	



Floor Plan Layout
Scale 1:100

ROOF ASSEMBLY SPECIFICATIONS

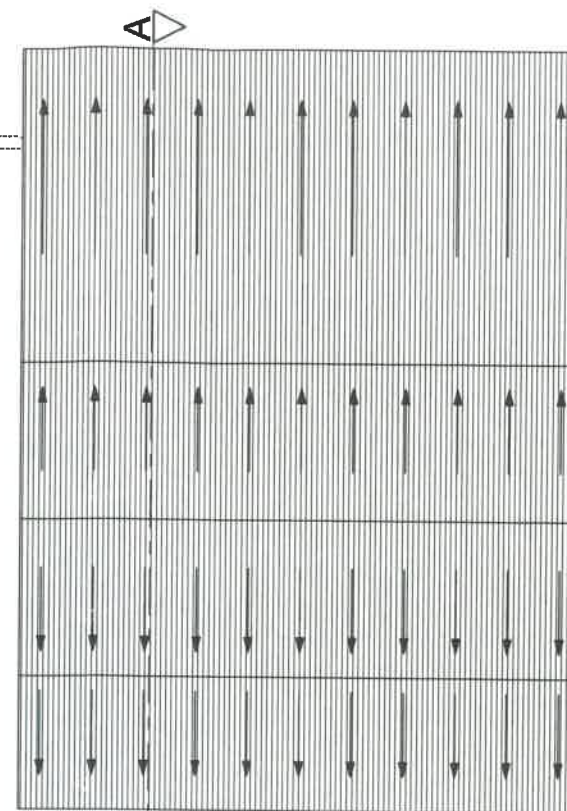
DIAMONDEK Concealed Fix Roofing on Sisalation Insulation Laid on Purlins @ 1200 max c/c for upwards air movement on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sisalation	=	1.36
75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
Deemed to Comply

ROOF BY SPECIALIST:

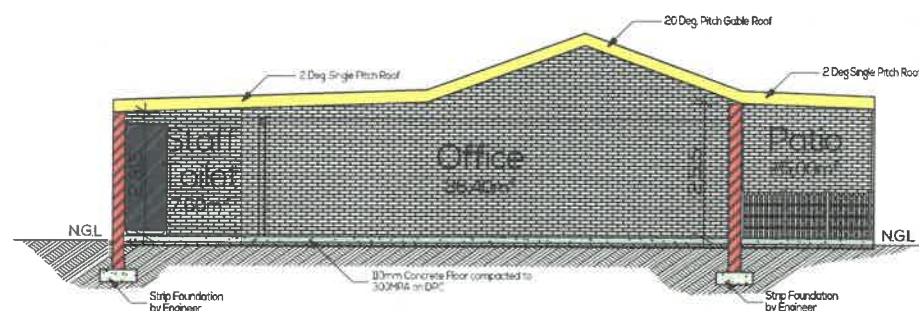
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2. 'ZINCULUM' ROOF SHEETS ON
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4. 100mm MINERAL WOOL INSULATION (R = 2.38) 40mm 'LAMBDABOARD' (R = 1.67) CEILINGBOARDS UNDER RAFTERS, SKIMMED AND PAINTED, SANS 10400 - XA
5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
6. 288 x 10mm NU-TEK FASCIA
7. SEAMLESS ALUMN. GUTTERS AND DOWNPIPES.
8. SANS 10400 - L



Roof Plan
Scale 1:100

WATER

Domestic Connection With Valve	=	20m
Ring Main	=	20m
Standpipe	=	12m
Ring Main to H.W.C.	=	20m
Hot & Cold Water Supply Line	=	20m
Branch Lines	=	12m
Isolation Valves to Kitchen + WC's + Bathrooms		
Min 50% of Annual Hotwater Generation Achieved by Solar		
All Services to Comply with SANS 1907 & SANS 10106		



Typical Section A-A
Scale 1:100

FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mm. DAMP PROOF MEMBRANE ON 40mm SAND BLINDING ON WELL COMPACTED HARDCORE. ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-B/H & T + SANS 10082

FOUNDATION

The top of foundations to be nominally 650mm below natural ground level. Backfill to foundations 90mm thick internal walls to be founded 600mm x 200mm slab thickening 90 & 230mm wall to be founded on 700 x 230mm strip foundations. Provide 800 x 800 x 300mm concrete black footings to 350 x 350mm brick columns elsewhere to foundations to project 200mm past brickwork and to be 230mm deep. Contractor to confirm ground conditions & excavate footings to firm ground.



Side Elevation
Scale 1:100



Front Elevation
Scale 1:100

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL

Plan no.: 273263
Erf/Farm: Remands of FA 781
BUILDING CONTROL OFFICER: D. Mause
SIGNATURE: D. Mause
DATE: 26.10.2021

In terms of Section 6 of the
National Building Regulations and Standards 103 of 1977

THEEWATERSKLOOF MUNICIPALITY
APPROVED

Plan no.: 273263
Receipt no.: R46470-33
Erf/Farm: Remands of FA 781
DECISION MAKER: J. Pieterse
SIGNATURE: J. Pieterse
DATE: 26.10.2021

In terms of Section 7 of the
National Building Regulations and Standards 103 of 1977

ROOF CONSTRUCTION FOR OUTBUILDING:
TRUSSES:
8.63mm TCT in "Colourbond" ultra AZ 200 Steel, Metallic coating AZ 200 (Min. 200g/m² coating mass) Grade G550, super polyester paint system, 25mm on top side x 10mm on reverse side. Fasteners to comply to manufactures spec.
FLASHING and or should ridge gapping should be manufactured from same material as for the roofing.
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ROOF SHEETING:
Superseal 500 Epoxy Coated Roof Sheeting or similar.
RAINWATER GOODS:
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CEILING:
ISOBOARD Nail Up Ceiling Thermal Insulation:
"IsoBoard high density 32-36kg/m³ rigid extruded polystyrene 100 % closed cell insulation board of 40mm min thickness and 600 mm width, tack-fixed with recommended adhesive at 200 mm intervals to timber/steel bracing installed at maximum 700mm centres transversely to trusses, and edge-fixed with concealed ceiling clips screwed/pop-riveted to timber/steel bracing. Boards to be secured to perimeter bracing with drywall screws and washers at 300mm centres."
CEILING INSULATION:
100mm ISOTHERM insulation on top of ceiling throughout.



design cooperative
Llewellyn van Rensburg
Pr. Arch. ST1242, SACAP MIA
Tel 079 037 7348 vanrensburg.lew@gmail.com

As Built Drawings to
Previously Approved Plans
Dated 05/08/94

design cooperative

Llewellyn van Rensburg
Architecture & Planning

Pr. Arch. ST1242, SACAP MIA

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Farm 781 Jarrahnup

As Built Drawings

Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

AS BUILT PLANS FOR FARM 781,
BOT RIVIER, JARRAHNUP

1230

CS 03

Cottage & Office

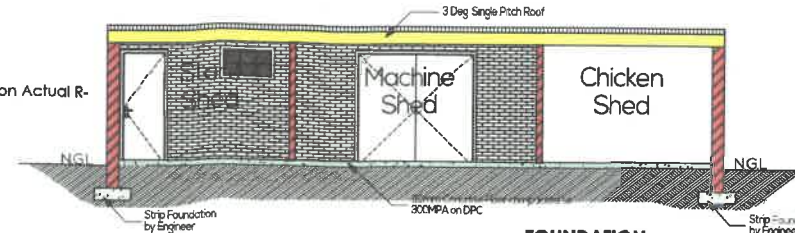
Scale: 1:100
Date: 09/04/2019
Drawn: Llewellyn van Rensburg

ROOF ASSEMBLY SPECIFICATIONS

DIAMONDEK Concealed Fix Roofing on Sisalation Insulation
Laid on Purlins @ 1200 max c/c for upwards air movement
on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
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75mm Isotherm	=	1.09
25mm Isotherm	=	1.00
Total R-Value	=	3.77

Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
Deemed to Comply



Typical Section A-A
Scale 1:100

ROOF BY SPECIALIST:

1. ROOF PITCH IS 8 DEGREES
2. 'ZINCULUM' ROOF SHEETS ON
3. 152 x 50mm beams @ 760mm C/C max. ON 114x38mm WALLPLATES.
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6. 288 x 10mm NU-TEK FASCIA
7. SEAMLESS ALUMN. GUTTERS AND DOWNPIPES.
8. SANS 10400 - L

FOUNDATION

The top of foundations to be nominally 650mm below natural ground level. Backfill to foundations 90mm thick internal walls to be founded 600mm x 200mm slab thickening 90 & 230mm wall to be founded on 700 x 230mm strip foundations. Provide 800 x 800 x 300mm concrete block Footings to 350 x 350mm thick/Edwards elsewhere to foundations to project 200mm past brickwork and to be 230mm deep. Contractor to confirm ground conditions & excavate footings to firm ground.

FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mm D.C. DAMP PROOF MEMBRANE ON 40mm SAND BLINDING ON WELL COMPACTED HARDCORE. ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-B/H & T + SANS 10082

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL

273263

Remainder of FA 781

BUILDING CONTROL OFFICER D. Metuse

SIGNATURE

DATE: 26.10.2021

In terms of Section 6 of the National Building Regulations and Standards 103 of 1977

Entrance Gate

Theewaterskloof Municipality
APPROVED

273263

Receipt no.: Amount: R66 470.35

Erf/Farm: Remainder of FA 781

DECISION MAKER: J. Pienaar

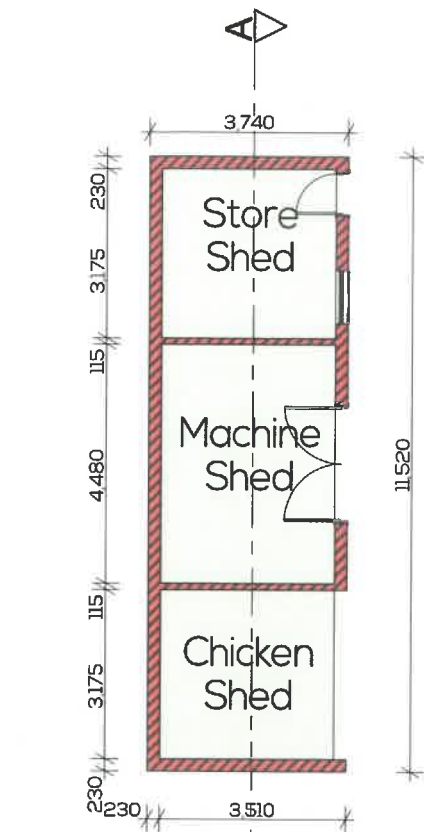
SIGNATURE

DATE: 26.10.2021

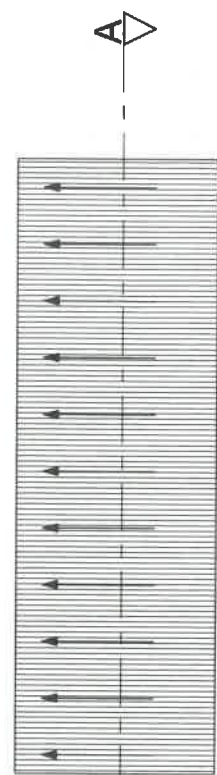
In terms of Section 7 of the National Building Regulations and Standards 103 of 1977

Swartrivier Rd

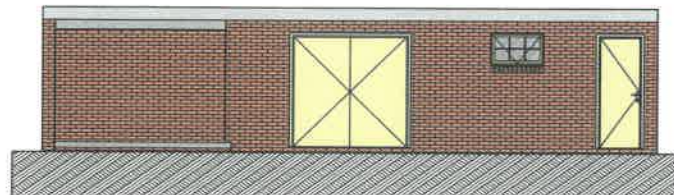
As Built Drawings to
Previously Approved Plans
Dated 05/08/94



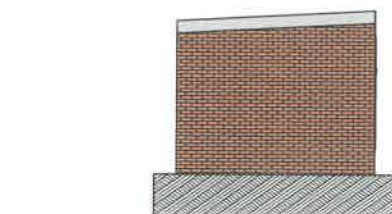
Floor Plan Layout
Scale 1:100



Roof Plan
Scale 1:100



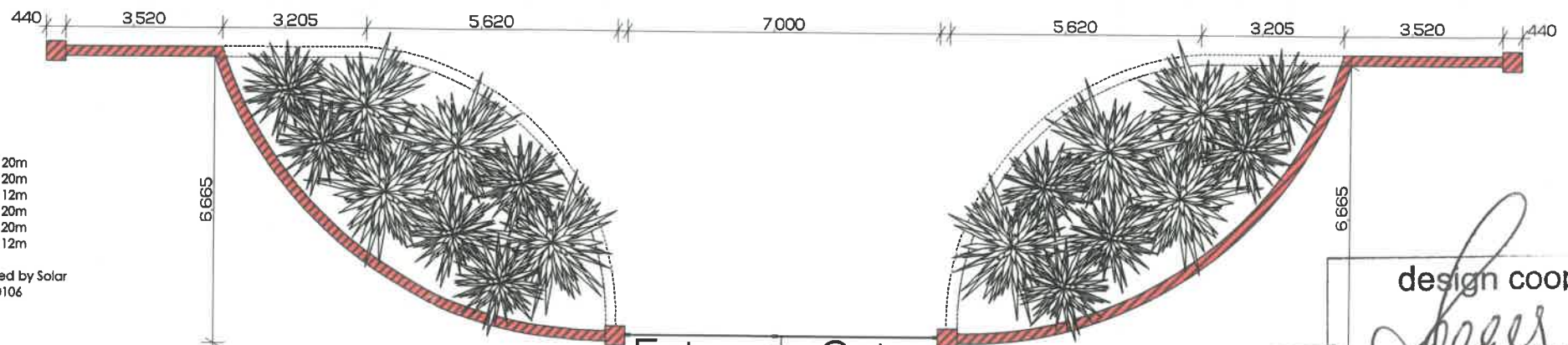
Front Elevation
Scale 1:100



Side Elevation
Scale 1:100

WATER

- Domestic Connection With Valve = 20m
- Ring Main = 20m
- Standpipe = 12m
- Ring Main to H.W.C. = 20m
- Hot & Cold Water Supply Line = 20m
- Branch Lines = 12m
- Isolation Valves to Kiction + WC's + Bathrooms
- Min 50% of Annual Hotwater Generation Achieved by Solar
- All Services to Comply with SANS 1907 & SANS 10106



Floor Plan Layout
Scale 1:100

Entrance Gate



design cooperative

Llewellyn van Rensburg
Arch. ST.1242 SACAP MIA

Tel 079 037 7348 vanrensburg.lew@gmail.com

Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

design cooperative

Llewellyn van Rensburg
Architecture & Planning

Pr. Arch. ST1242 SACAP MIA

Tel 079 037 7348

vanrensburg.lew@gmail.com

Farm 781 Jarrahnup

As Built Drawings

AS BUILT PLANS FOR FARM 781,
BOT RIVIER, JARRAHNUP

1230

CS 04

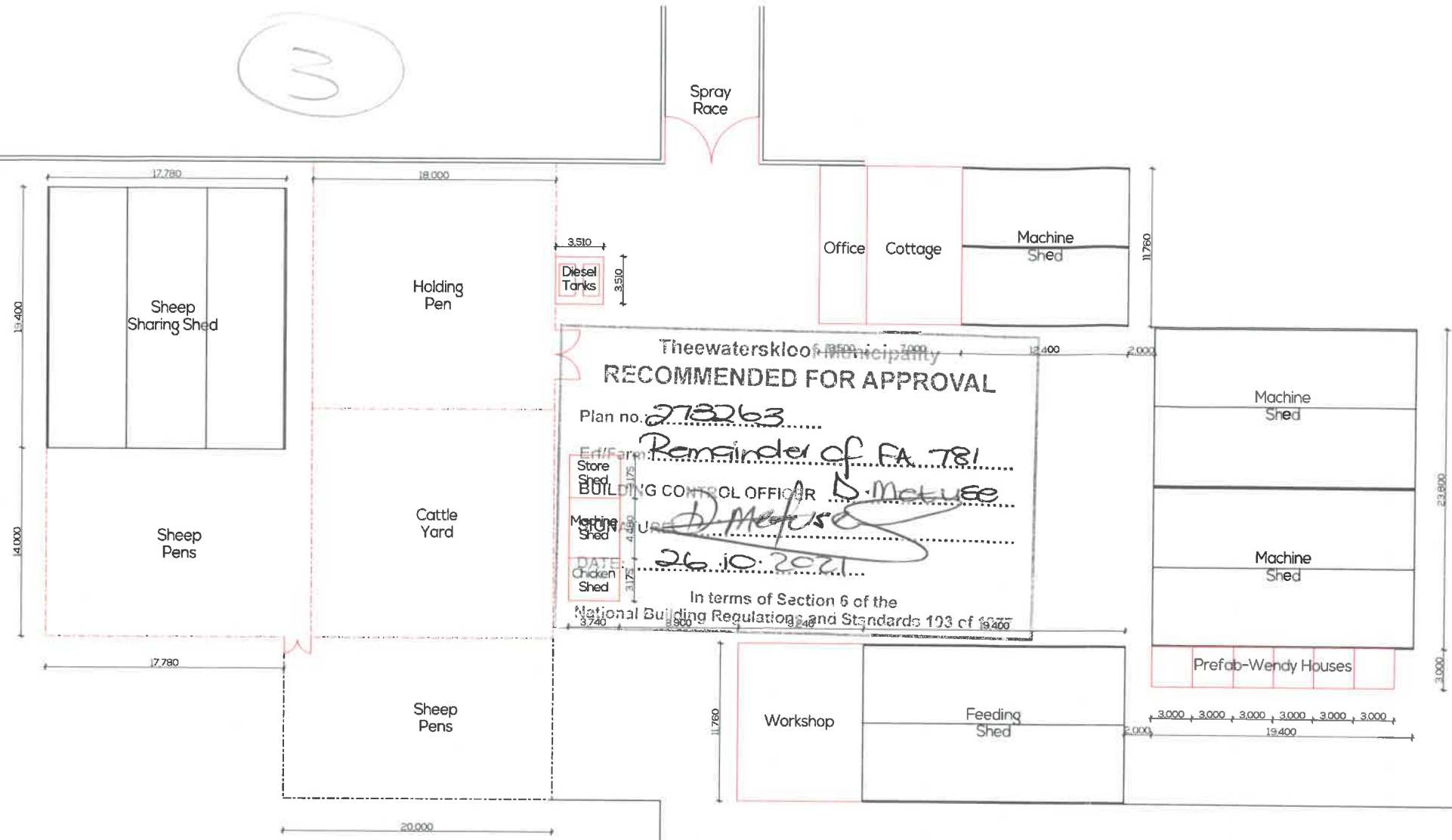
Sheds & Gate Wall

Scale: 1:100

Date: 09/04/2019

Drawn: Llewellyn van Rensburg

3



ROOF ASSEMBLY SPECIFICATIONS
 DIAMONDEK Concealed Fix Roofing on Sicalation Insulation
 Laid on Purlins @ 1200 max c/c for upwards air movement
 on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sicalation	=	1.36
75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
 Deemed to Comply

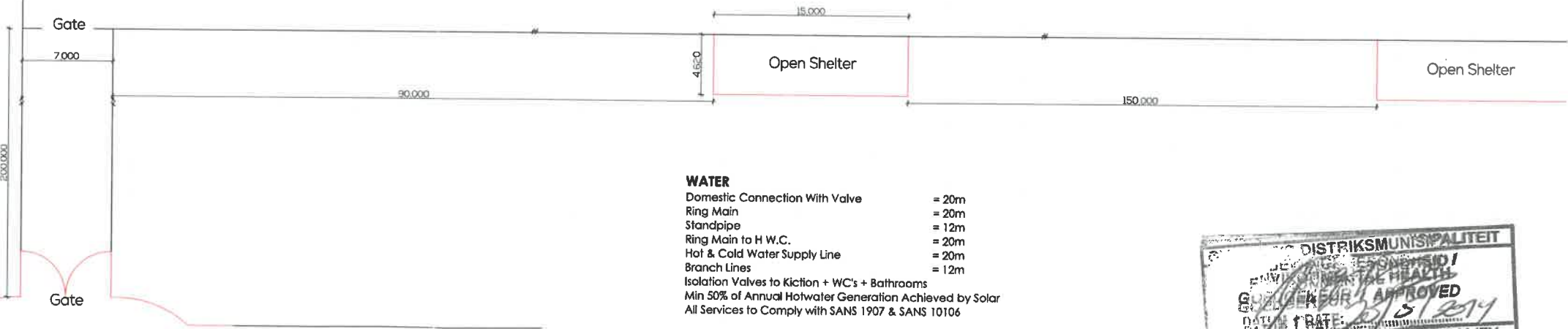
- ROOF BY SPECIALIST:**
1. ROOF PITCH IS 8 DEGREES
 2. ZINCALUMIN ROOF SHEETS ON
 3. 152 x 50mm beams @ 760mm C/C max. ON 114x38mm WALLPLATES.
 4. 100mm MINERAL WOOL INSULATION (R = 2.38) 40mm 'LAMBDABOARD' (R = 1.67) CEILINGBOARDS UNDER RAFTERS. SKIMMED AND PAINTED. SANS 10400 - XA
 5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
 6. 288 x 10mm NU-TEK FASCIA
 7. SEAMLESS ALUMIN. GUTTERS AND DOWNPIPES.
 8. SANS 10400 - L

FOUNDATION
 The top of foundations to be nominally 650mm below natural ground level Backfill to foundations 90mm Thick internal Walls to be founded 600mm x 200mm slab thickening 90 & 230mm wall to be founded on 700 x 230mm strip foundations. Provide 800 x 800 x 300mm concrete block Footings to 350 x 350mm brick columns elsewhere to foundations to project 200mm past brickwork and to be 230mm deep. Contractor to confirm ground conditions & excavate footings to firm ground.

ROOF CONSTRUCTION FOR OUTBUILDING:
TRUSSES:
 0.53mm TCT in "Colourbond" ultra AZ 200 Steel, Metallic coating AZ 200 (Min. 200g/m² coating mass) Grade G550, super polyester paint system, 25mm on top side x 10mm on reverse side. Fasteners to comply to manufactures spec.
FLASHING and or should ridge gapping should be manufactured from same material as for the roofing.
OPEN TRUSSES:
 Roof sheeting on 75x50mm timber purlins @ 1100mm C/C on prefabricated roof rafters @ 1000mm C/C on 152x50mm timber wallplate, anchored with galv. hoop-iron, built into wall min 600mm deep.
ROOF SHEETING:
 Superseal 500 Epoxy Coated Roof Sheetting or similar.
RAINWATER GOODS:
 All gutters and downpipes to be aluminium O-gee profile to match colour of roof sheeting. Stormwater to discharge over sump into 75mm pvc rainwater pipe to stormwater system. Fascias to be 200 x 15mm fibre cement - primed & painted to match roof & gutter colour.
CEILING:
 ISOBOARD Nail Up Ceiling Thermal Insulation:
 "IsoBoard high density 32-36kg/m³ rigid extruded polystyrene 100 % closed cell insulation board of 40mm min thickness and 600 mm width, tack-fixed with recommended adhesive at 200 mm intervals to timber/steel bracing installed at maximum 700mm centres transversely to trusses, and edge-fixed with concealed ceiling clips screwed/pop-riveted to timber/steel bracing. Boards to be secured to perimeter bracing with drywall screws and washers at 300mm centres."
CEILING INSULATION:
 100mm ISOTHERM insulation on top of ceiling throughout.

Area Coverage of New Buildings

Open Shelters	69,30 m²
Workshop	108,66m²
Cottage & Office	123,48m²
Store Shed	11,88m²
Chicken Shed	11,88m²
Machine Shed	16,76m²
Diesel Tanks	12,32m²
TOTAL NEW AREA	354,12m²



WATER
 Domestic Connection With Valve = 20m
 Ring Main = 20m
 Standpipe = 12m
 Ring Main to H.W.C. = 20m
 Hot & Cold Water Supply Line = 20m
 Branch Lines = 12m
 Isolation Valves to Kiction + WC's + Bathrooms
 Min 50% of Annual Hotwater Generation Achieved by Solar
 All Services to Comply with SANS 1907 & SANS 10106

FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mic. DAMP PROOF MEMBRANE ON 40mm SAND BLINDING ON WELL COMPACTED HARDCORE ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-B/H & T + SANS 10082



As Built Drawings to Previously Approved Plans Dated 05/08/94

design cooperative
 Llewellyn van Rensburg
 Pr. Arch. ST1242, SACAP MIA
 Tel 079 037 7348
 Member of the Council for the Architectural Profession Reg 571242

Theewaterskloof Municipality
 APPROVED
 Plan no.: 273963
 Receipt no.: Gate Amount R66470.33
 Ert/Farm: Remainder of FA 781
 DECISION MAKER: J. J. J. J.
 SIGNATURE: [Signature]
 DATE: 26.10.2021
 In terms of Section 7 of the National Building Regulations and Standards 103 of 1977

Site Plan Layout Of Farm
 Scale 1:300

design cooperative
 Llewellyn van Rensburg
 Architecture & Planning
 Pr. Arch. ST1242, SACAP MIA
 Tel 079 037 7348
 vanrensburg.lew@gmail.com

Farm 781 Jarrahnup
 As Built Drawings

AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP RIDER PLANS TO APPROVED PLANS NO. 10-10-2011
 1230
 CS 05
 Site Layout: 1:100
 Date: 17/04/2019
 Drawn by: Llewellyn van Rensburg

1764/80				
EYE	RIKSWA- HOEKE	Y	KOÖRDINAT Suid Oos Oos X	
GH	627,5	G 171 2d 40	G	+27 410,8
EW	220,4	H 172 5d 40	H	+27 021,4
		J 84 51 50	J	+26 864,5
KL	1 579,1	L 143 3d 20	L	+27 474,1
IK	863,9	K 139 3d 20	K	
HR	2 078,0			
HO	510,1			
OP	2 433,2			

Servituutnote: (1) Die lyn t u v w stel 'n kraglyn servituut voor
sien Kaart No. 3429/58. A/S. 494/1959

(2) Die lyn x y z stel die middellyn van 'n
kraglyn servituut voor sien Krt. No. 2684/1948
A/S. 225/1983

Restant van
(a) Die figuur U J K synde die Plaan No. 471
sien Kaart No. 2,498/1839 Stellg. 12-28.

(b) Die figuur f g h k l m n synde Restant van Gedeelte 1 van
die Plaan Bot Rivier No. 473 sien Krt. 931/1863 T.A. 1853-47
484

(c) Die figuur b d e f g h j synde Restant van die Plaan
Vredendal No. 472 sien Krt. No. 1349/1925 T.A. 1327-56 -2415

(d) Die figuur a b c d e f g h i j k l m n o p q r s t u v w x y z synde Restant van die Plaan Bot Rivier No. 473
sien Krt. No. 307/1851 Grondbrief Stellg. 12-27

Die figuur a b c d e f g h i j k l m n o p q r s t u v w x y z synde Restant van die Plaan Bot Rivier No. 473
sien Krt. No. 307/1851 Grondbrief Stellg. 12-27

DIE PLAAS NO. 781
geleë in die Kaapstadse Administratiewe Distrik
Provisoriale Kaap de Goede Hoop.

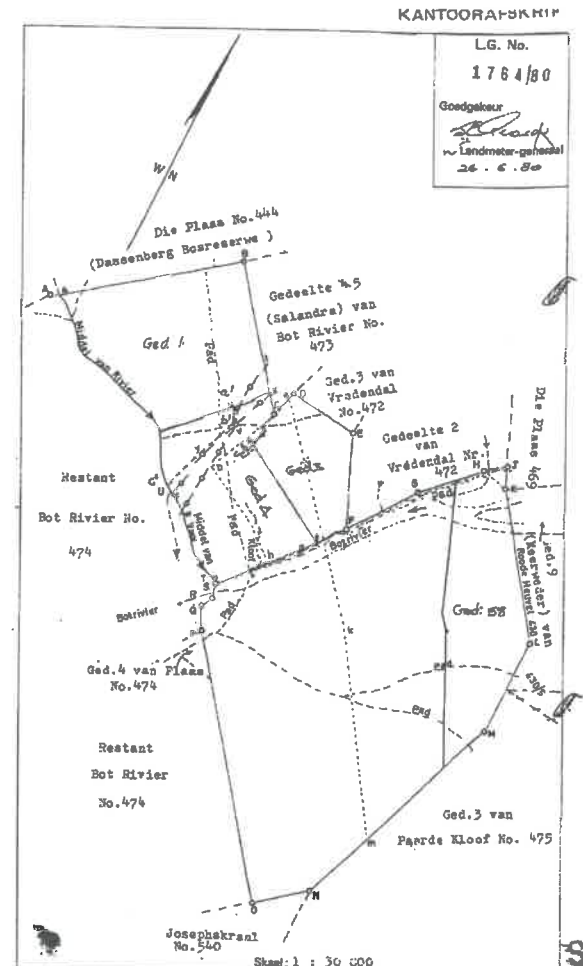
Opgetreke in Sasagastel in Feb. 1980
deur my.

Landmeter
Hierdie kaart is getrek aan
No. 781/82
Gedateer
Eg.v.

Die oorspronklike tekening
hierbo genoem
No. 781/82
Gedateer
Eg.v.

Landmeter
M.S. No. Sasagastel
Kamp. AT-3A (3543)
AT-3ABA (3546)
AT-3ABB (3547)

Landmeter
van Rensburg



ROOF ASSEMBLY SPECIFICATIONS

DIAMONDEK Concealed Fix Roofing on Sialation Insulation
Laid on Purlins @ 1200 max c/c for upwards air movement
on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sialation	=	1.36
75mm Isotherm	=	1.09
25mm Isoboard	=	1.00
Total R-Value	=	3.77

Climate 2014 min R-Value 3.7 Upwards Direction Actual R-Value 3.77
Deemed to Comply

- ### ROOF BY SPECIALIST:
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 3. 152 x 50mm beams @ 760mm C/C max.
ON 114x38mm WALLPLATES.
 4. 100mm MINERAL WOOL INSULATION (R = 2.38)
40mm 'LAMDAOBOARD' (R = 1.67)
CEILINGBOARDS UNDER RAFTERS,
SKIMMED AND PAINTED. SANS 10400 - XA
 5. GALV. HOOP IRON FIXED TO ROOF RAFTERS.
 6. 288 x 10mm NU-TEK FASCIA
 7. SEAMLESS ALUMN. GUTTERS AND DOWNPIPES.
 8. SANS 10400 - L

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL

Plan no.: 273063

Erf/Farm: Remainder of Farm 781

BUILDING CONTROL OFFICER: D. Meluse

SIGNATURE: D. Meluse

DATE: 26.10.2021

In terms of Section 6 of the
National Building Regulations and Standards 103 of 1977

Theewaterskloof Municipality
APPROVED

Plan no.: 273063

Receipt no.: Amount: R 470.33

Erf/Farm: Remainder of Farm 781

DECISION MAKER: N. Pierock

SIGNATURE: N. Pierock

DATE: 26.10.2021

In terms of Section 7 of the
National Building Regulations and Standards 103 of 1977

OVERBERG DISTRIKSMUNISIPALITEIT
GEWESIGESONDHEID /
ENVIRONMENTAL HEALTH
GOEDGEKEUR / APPROVED
DATE: 26.10.2021
DISTRICT MUNICIPALITY

As Built Drawings to
Previously Approved Plans
Dated 05/08/94 cooperative

Llewellyn van Rensburg
Pr. Arch. ST1242 SACAP MIA
Tel 079 037 7348 vanrensburg.lew@gmail.com

Llewellyn van Rensburg
Member of Cape Institute for Architecture Reg M-V015
Member of the Council for the Architectural Profession Reg ST1242

AS BUILT PLANS FOR FARM 781,
BOT RIVIER, JARRAHNUP

Scale: 1:100 Date: 09/04/2019

Entire Farm Site Layout

1230
CS 06

FOUNDATION

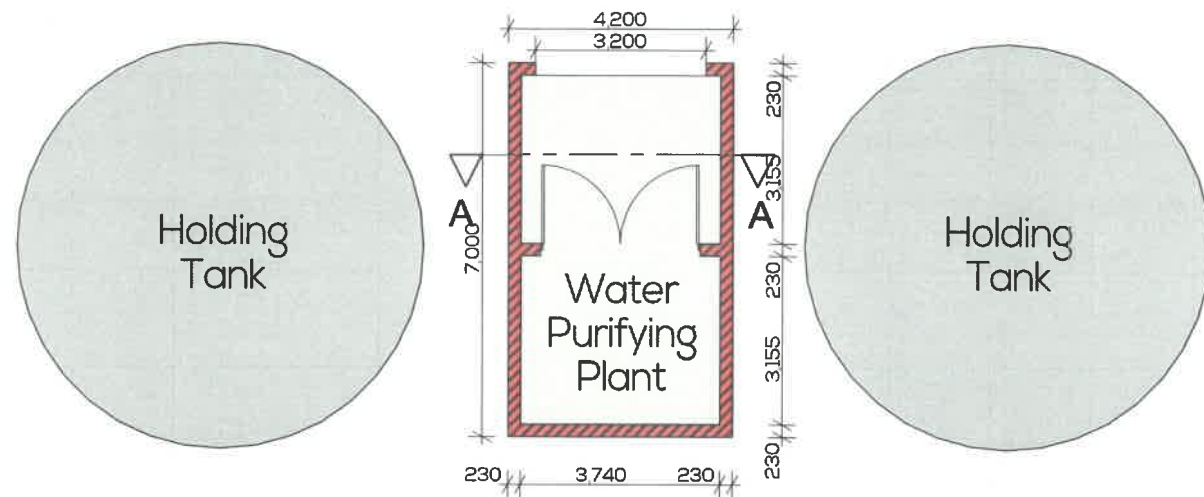
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natural ground level Backfill to foundations 90mm Thick
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thickening 90 & 230mm wall to be founded on 700 x
230mm strip foundations. Provide 800 x 800 x 300mm
concrete block Footings to 350 x 350mm brick columns
elsewhere to foundations to project 200mm past
brickwork and to be 230mm deep. Contractor to
confirm ground conditions & excavate footings to firm
ground.

FLOOR FINISH ON 25mm SCAFFOLD ON 100mm
CONCRETE FLOOR ON 250mic. DAMP PROOF
MEMBRANE ON 40mm SAND BLINDING ON WELL
COMPACTED HARDCORE. ALL ORGANIC
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GROUND/FILLING BEFORE COMPACTING IS
STARTED. SANS 10400-B/H & T + SANS 10082

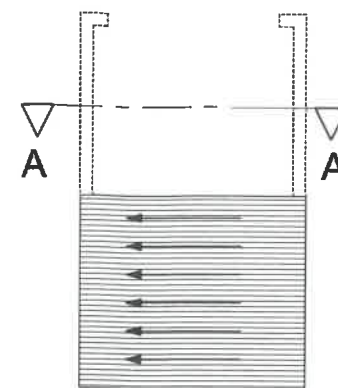
WATER

Domestic Connection With Valve = 20m
Ring Main = 20m
Standpipe = 12m
Ring Main to H.W.C. = 20m
Hot & Cold Water Supply Line = 20m
Branch Lines = 12m
Isolation Valves to Kitchens + WC's + Bathrooms
Min 50% of Annual Hotwater Generation Achieved by Solar
All Services to Comply with SANS 1907 & SANS 10106

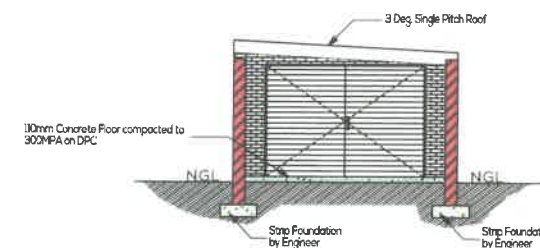
Site Plan Layout Of Farm
Scale 1:500



Floor Plan Layout
Scale 1:100



Roof Plan Layout
Scale 1:100



Typical Section A-A
Scale 1:100



ROOF ASSEMBLY SPECIFICATIONS

DIAMONDEK Concealed Fix Roofing on Sisalation Insulation Laid on Purlins @ 1200 max c/c for upwards air movement on Timber Trusses @ 900 c/c Max.

Code Value Table F3	=	0.32
Sisalation	=	1.36
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8. SANS 10400 - L

FLOOR FINISH ON 25mm SCREED ON 100mm CONCRETE FLOOR ON 250mic. DAMP PROOF MEMBRANE ON 40mm SAND BLINDING ON WELL COMPACTED HARD CORE. ALL ORGANIC MATERIAL TO BE REMOVED FROM GROUND/FILLING BEFORE COMPACTING IS STARTED. SANS 10400-B/H & T + SANS 10082

ROOF CONSTRUCTION FOR OUTBUILDING:
TRUSSES:
0.53mm TCT in "Colourbond" ultra AZ 200 Steel, Metallic coating AZ 200 (Min. 200g/m² coating mass) Grade G550, super polyester paint system, 25mm on top side x 10mm on reverse side. Fasteners to comply to manufactures spec.
FLASHING and or should ridge gapping should be manufactured from same material as for the roofing.
OPEN TRUSSES:
Roof sheeting on 75x50mm timber purlins @ 1100mm C/C on prefabricated roof rafters @ 1000mm C/C on 152x50mm timber wallplate, anchored with galv. hoop-iron, built into wall min 600mm deep.
ROOF SHEETING:
Superseal 500 Epoxy Coated Roof Sheeting or similar.
RAINWATER GOODS:
All gutters and downpipes to be aluminium O-gee profile to match colour of roof sheeting. Stormwater to discharge over sump into 75mm pvc rainwater pipe to stormwater system. Fascias to be 200 x 15mm fibre cement - primed & painted to match roof & gutter colour.
CEILING:
ISOBOARD Nail Up Ceiling Thermal Insulation:
"IsoBoard high density 32-36kg/m³ rigid extruded polystyrene 100 % closed cell insulation board of 40mm min thickness and 600 mm width, tack-fixed with recommended adhesive at 200 mm intervals to timber/steel bracing installed at maximum 700mm centres transversely to trusses, and edge-fixed with concealed ceiling clips screwed/pop-riveted to timber/steel bracing. Boards to be secured to perimeter bracing with drywall screws and washers at 300mm centres."
CEILING INSULATION:
100mm ISOTHERM insulation on top of ceiling throughout.

WATER

Domestic Connection With Valve = 20m
Ring Main = 20m
Standpipe = 12m
Ring Main to H.W.C. = 20m
Hot & Cold Water Supply Line = 20m
Branch Lines = 12m
Isolation Valves to Kitchens + WC's + Bathrooms
Min 50% of Annual Hotwater Generation Achieved by Solar
All Services to Comply with SANS 1907 & SANS 10106

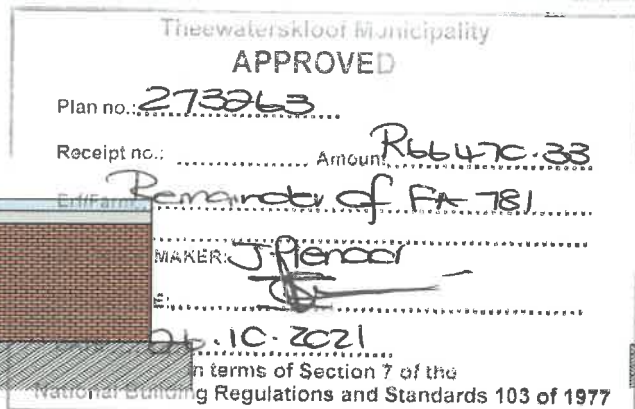


Front Elevation
Scale 1:100

Rear Elevation
Scale 1:100

Side Elevation
Scale 1:100

Side Elevation
Scale 1:100



design cooperative
Llewellyn van Rensburg
Architecture & Planning
Pr. Arch. ST1242 SACAP MIA
Tel 079 037 7348
vanrensburg.lew@gmail.com

Farm 781 Jarrahnup
As Built Drawings

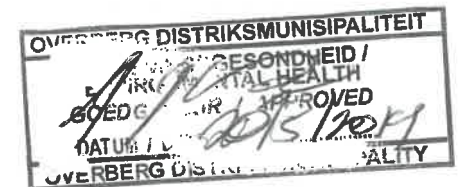
Project AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP RIDER PLANS TO APPROVED PLANS NO. 10-10-2011	Scale 1:100	Date 09/04/2019	1230 CS 07
Drawing Purifying Plant	Drawn Llewellyn van Rensburg	Revised	



Birds Eye View Plan (Google Earth)
Scale 1:200

ROOF CONSTRUCTION FOR OUTBUILDING:
TRUSSES:
 0.53mm TCT in "Colourbond" ultra AZ 200
 Steel, Metallic coating AZ 200 (Min. 200g/m²
 coating mass) Grade G550, super polyester
 paint system, 25mm on top side x 10mm on
 reverse side. Fasteners to comply to
 manufactures spec.
FLASHING and or should ridge gapping should
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 Stormwater to discharge over
 sump into 75mm pvc rainwater pipe to
 stormwater system.
 Fascias to be 200 x 15mm fibre cement - primed
 & painted to match roof & gutter colour.
CEILING:
 ISOBOARD Nail Up Ceiling Thermal
 Insulation:
 "IsoBoard high density 32-36kg/m³ rigid
 extruded polystyrene 100 % closed cell
 insulation board of 40mm min thickness and
 600 mm width, tack- fixed with recommended
 adhesive at 200 mm intervals to timber/steel
 bracing installed at maximum 700mm
 centres transversely to trusses, and edge-
 fixed with concealed ceiling clips
 screwed/pop-rivets to timber/steel
 bracing. Boards to be secured to perimeter
 bracing with drywall screws and washers
 at 300mm centres."
CEILING INSULATION:
 100mm ISOTHERM insulation on top of
 ceiling throughout.

Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
 Plan no.: 273 263
 Erf/Farm: Remainder of farm 781
 BUILDING CONTROL OFFICER: D. Metuse
 SIGNATURE: [Signature]
 DATE: 26.10.2021
 In terms of Section 6 of the
 National Building Regulations and Standards 103 of 1977



As Built Drawings to
 Previously Approved Plans
 Dated 05/08/94
 design cooperative

Llewellyn van Rensburg
 Pr. Arch. ST 1242 / SACAP MIA
 Tel 079 037 7348... vanransburg.jew@gmail.com
Llewellyn van Rensburg
 Member of Cape Institute for Architecture Reg M-V015
 Member of the Council for the Architectural Profession Reg ST1242

Theewaterskloof Municipality
APPROVED
 Plan no.: 273 263
 Receipt no.: Amount: R 66 470,33
 Erf/Farm: Remainder of farm 781
 DECISION MAKER: J. Pienaar
 SIGNATURE: [Signature]
 DATE: 26.10.2021
 In terms of Section 7 of the
 National Building Regulations and Standards 103 of 1977

Farm 781 Jarrahnup

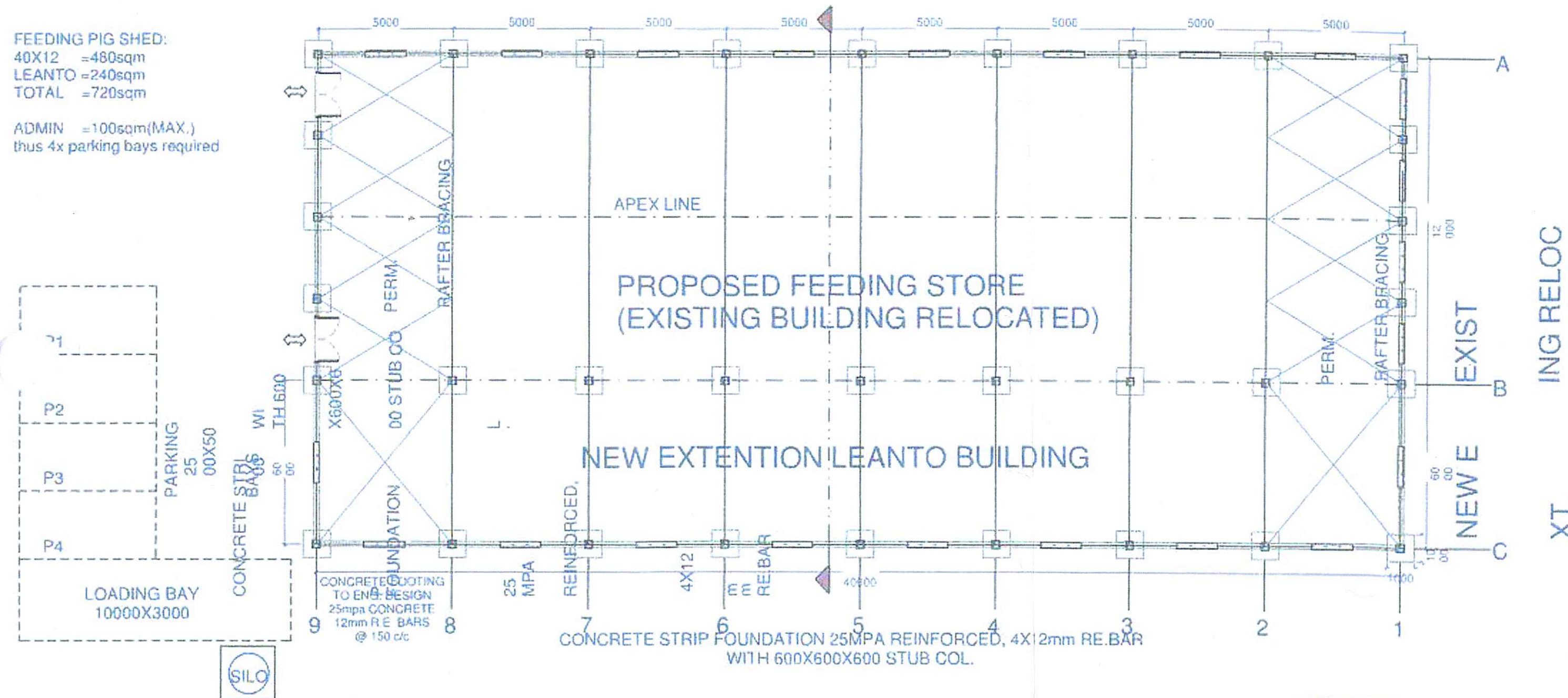
As Built Drawings

design cooperative
Llewellyn van Rensburg
 Architecture & Planning
 Pr. Arch. ST1242. SACAP MIA
 Tel 079 037 7348 vanransburg.jew@gmail.com

Project:	AS BUILT PLANS FOR FARM 781, BOT RIVIER, JARRAHNUP RIDER PLANS TO APPROVED PLANS NO. 10-10-2011	Drawn by:	1230 CS 08
Scale:	1:100	Date Printed:	09/04/2019
Drawing:	Birds Eye View Plan	Drawn by:	Llewellyn van Rensburg

FEEDING PIG SHED:
40X12 = 480sqm
LEANTO = 240sqm
TOTAL = 720sqm

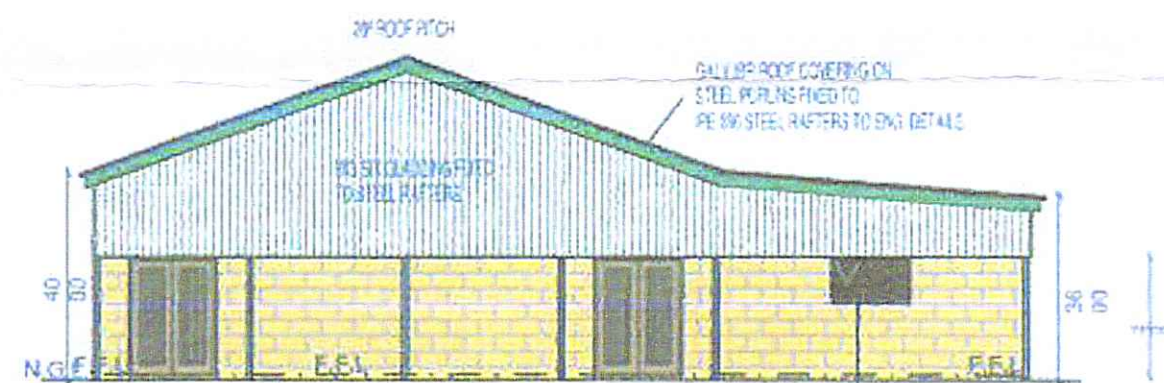
ADMIN = 100sqm(MAX.)
thus 4x parking bays required



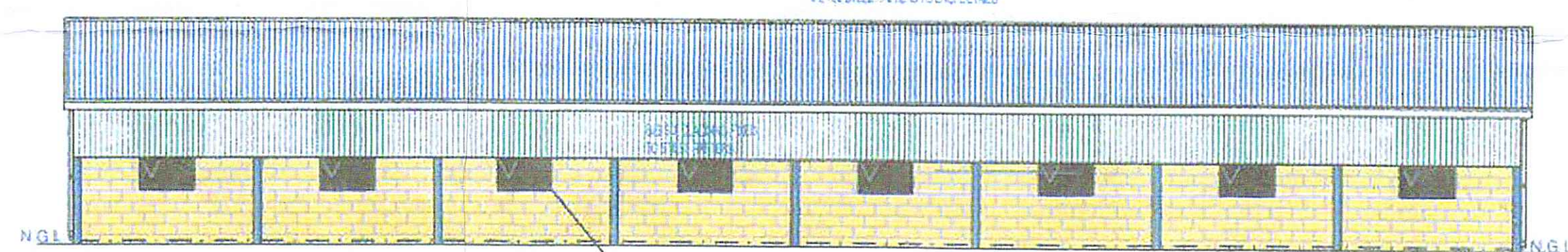
Theewaterskloof Municipality
RECOMMENDED FOR APPROVAL
Plan no.: 273 263
Er/Farm: Remainder of FA 781
BUILDING CONTROL OFFICER: D. Metrus
SIGNATURE: D. Metrus
DATE: 26.10.2021
In terms of Section 6 of the
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Theewaterskloof Municipality
APPROVED
Plan no.: 273 263
Receipt no.: Amount: R 470.33
Er/Farm: Remainder of FA 781
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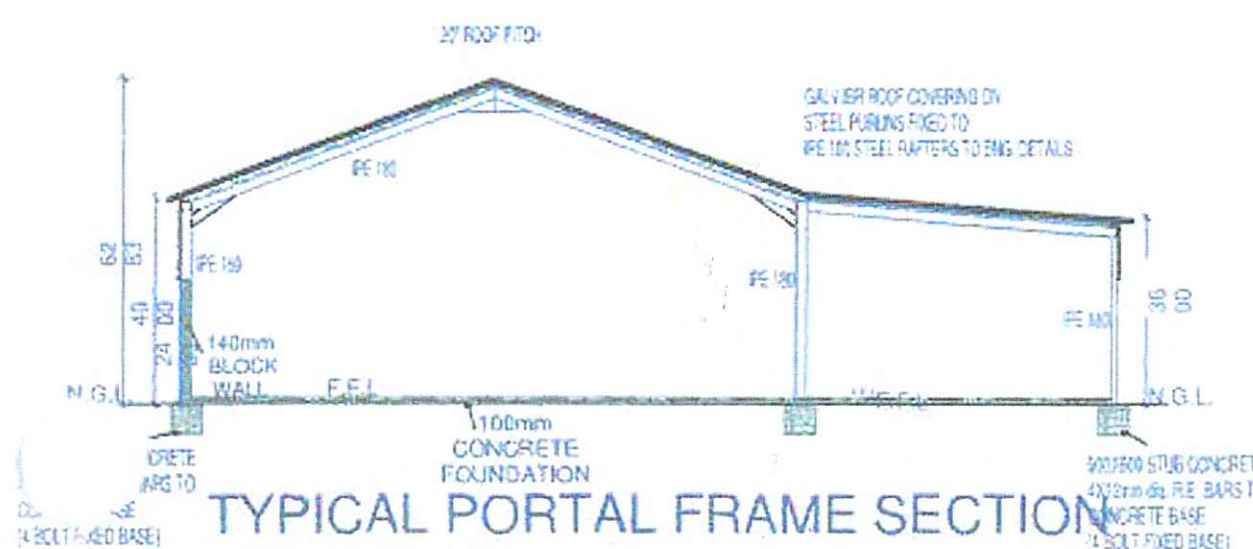
Farm no. 781 Botrivier



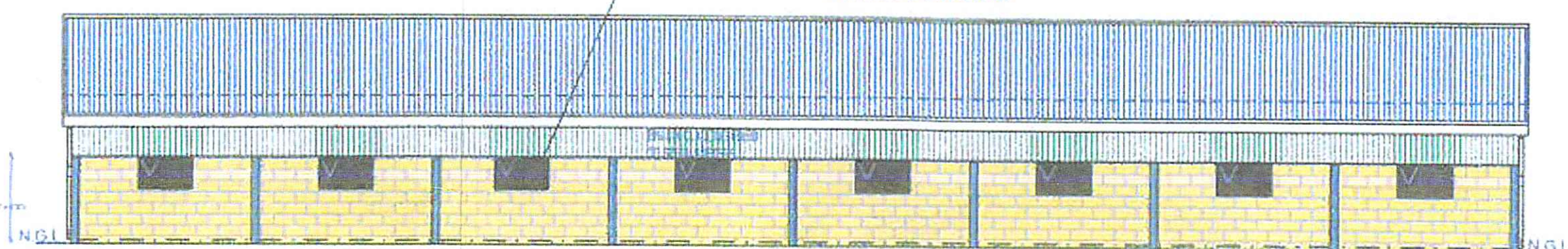
TYPICAL END ELEVATION
SCALE 1 : 100



TYPICAL SIDE ELEVATION
SCALE 1 : 100



TYPICAL PORTAL FRAME SECTION
SCALE 1 : 100



TYPICAL SIDE ELEVATION
SCALE 1 : 100

Rider Plans to previous approved pig shelter drawings
(approved plan number 11/02/01 dated 10-10-2011)

Farm no. 781 Botrivier
Jarrahnup Farm Trust
New Feeding Sheds

Relocation Building
For Council Approval

design cooperative
gansbaai
architecture and project management
Llewellyn Van Rensburg Pr. Arch. ST 1242 SACAP MIA
Tel 075 037 7348
vrensburg.lw@gmail.com

Proj Date: Jan 2015
Project No: 1501
Drawing No: CS.9
Revision:

No building work, foundations or footings to encroach over boundary line. The site to be treated in accordance with SABS code of practice no. 0124- 1977 with "sheldrite" termite-proof soil poisoner. All building work to be carried out in accordance with local authorities building by-laws and regulations.

FOUNDATION: The top of foundations to be nominally 650mm above natural ground level. Backfill to foundations, 90mm Thick internal walls to be founded on 600 x 200mm slab thickening. 190 & 230mm walls to be founded on 700 x 230mm strip foundations. Provide 800 x 800 x 300mm concrete block footings to all 350 x 350mm brick columns, elsewhere foundations to project 200 mm past brickwork and to be 230mm deep. Contractor to confirm ground conditions & excavate footings to firm ground.

WALLS: All walls to be built with clay "Maxi" bricks and to comply with SABS - 227. Wall sizes - 230mm cavity, 180mm solid, and internal walls 90mm. 230mm cavity walls in stretcher bond in (1:4 cement) mortar with butterfly wall ties as prescribed by SABS - 28. Walls are to be finished off with 10mm thick cement plaster. Heights as indicated. All plastered walls finished off to receive paint - colour scheme as per Client, and specifications as per manufacturer's specs.

DPC & WEEP HOLES:

Provide 735 brick grip DPC to walls at floor level, window sills and window/ door soffits with weep holes min every 2nd m perpendicular above openings and weepholes @ 1000mm C/C max. DPC to be provided at all external reveals of doors and windows. During construction all cavities to be cleaned on a daily basis. DPC min. 150mm above F.G.L.

Floor finish as indicated on 25-30mm screed on 100mm thick concrete slab (15mPa) on 250 micron dpc underlay on compacted sand blinding on well-compacted clean backfill

LIGHT AND VENTILATION: Min 10% of the floor area to be light area, of that 5% to be natural ventilation.

MECHANICAL VENTILATION TO INTERIOR

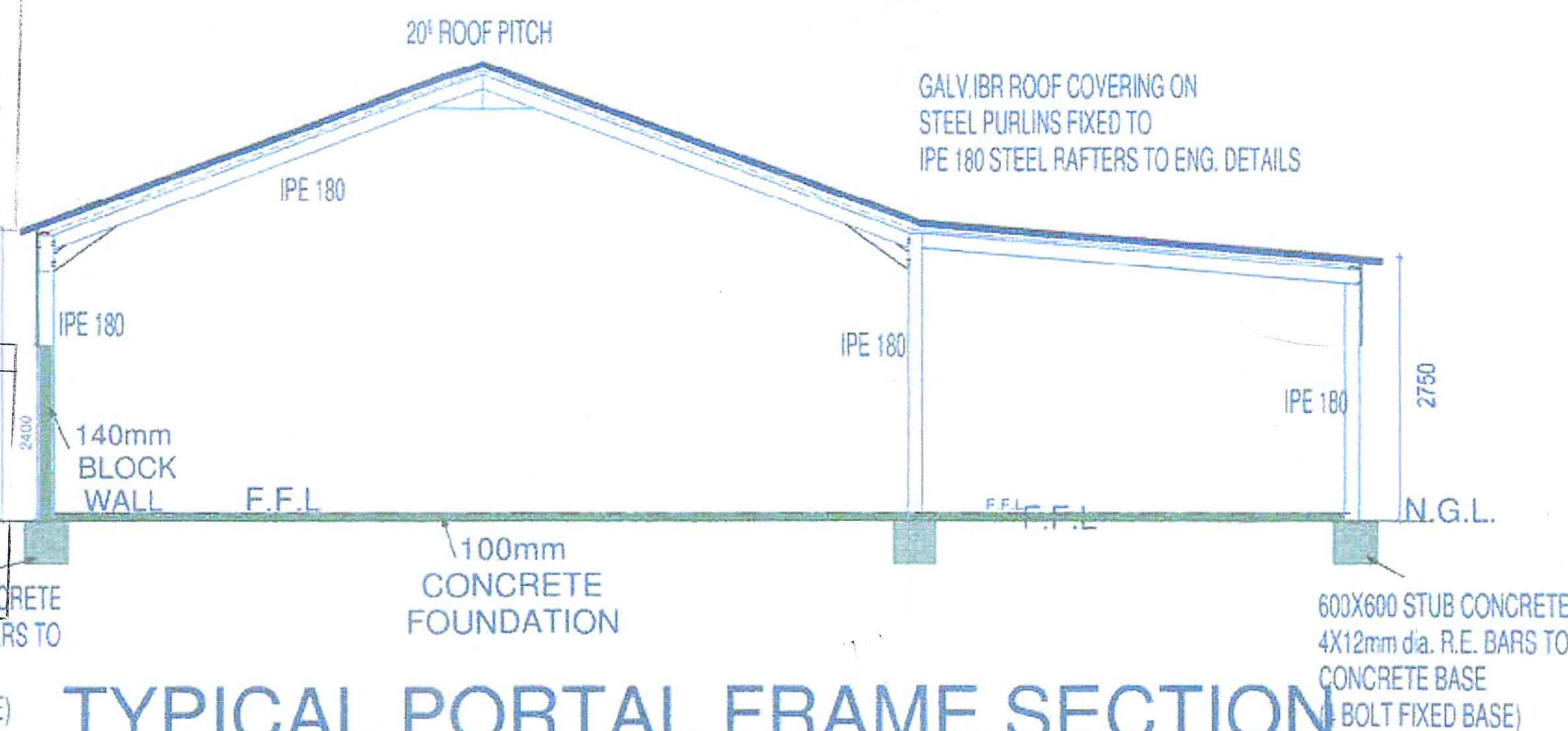
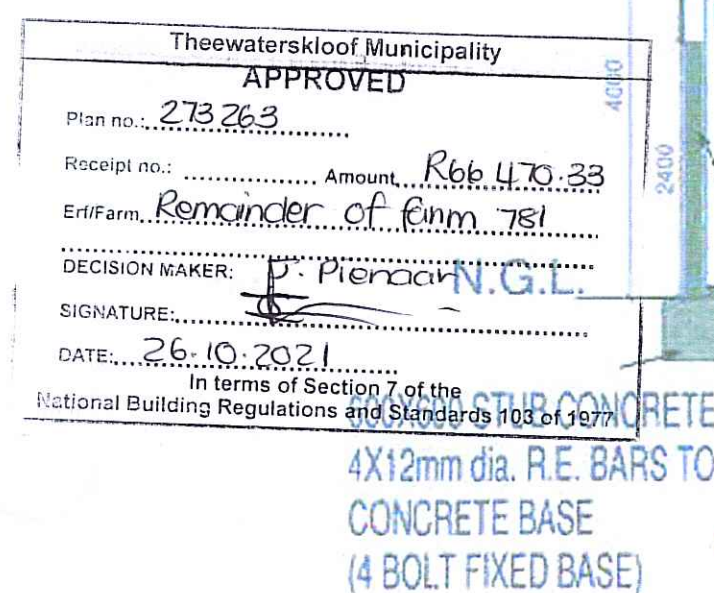
BATHROOMS: Mechanical extraction to rooms or areas indicated, to be not less than 25l/s with dampers in place. Air to be extracted to exterior of building through rigid ducting. Extraction fans are to be connected to bathroom light switches.

DOORS AND WINDOWS: All doors and windows to comply with SABS 0400 regulations and specifications. All external doors and windows to have DPC all round as per SABS 0400 regulations. All windows to be epoxy powder coated aluminium and all fixing and specifications to comply with SABS national building regulations 0400 part 'N', as well as AAAMSA requirements. Colour to all external windows and doors to be Matt Charcoal. All interior doors to be 4-panel solid wood doors, sealed and painted.

WINDOW FRAMES: Purpose made epoxy powder coated aluminium window frames by specialist manufacturer to architects detail design. All glazing and framework to comply with SABS 0137, 1263, 0400 part 'N', as well as AAAMSA requirements. Colour - Matt Charcoal.

Epoxy powder coated to be min. 25 microns in thickness to SABS specifications. Aluminium frame profiles to be protected against damage when installing. All dimensions and opening sizes to be checked on site. No window must have opening section lower than 1m from finish floor level.

GLAZING:
Glazing to windows and doors in excess of 1m² or less than 500mm from FFL to be safety glazed in accordance with the NBR SABS 0137 - doors & side lights to have safety glass.
Abscure glass to all bathroom windows.



TYPICAL PORTAL FRAME SECTION

Farm no. 781 Botrivier
Jarrahnup Farm Trust
— New Feeding Sheds —

Steel Type Plan For Council Approval

design cooperative
gansbaai
architecture and project management
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Proj Date: Jan 2015	
Project No. 1501	
Drawing No. CS.14	Revision