



Typical Rainwater DP Connection Detail

Scale 1:20

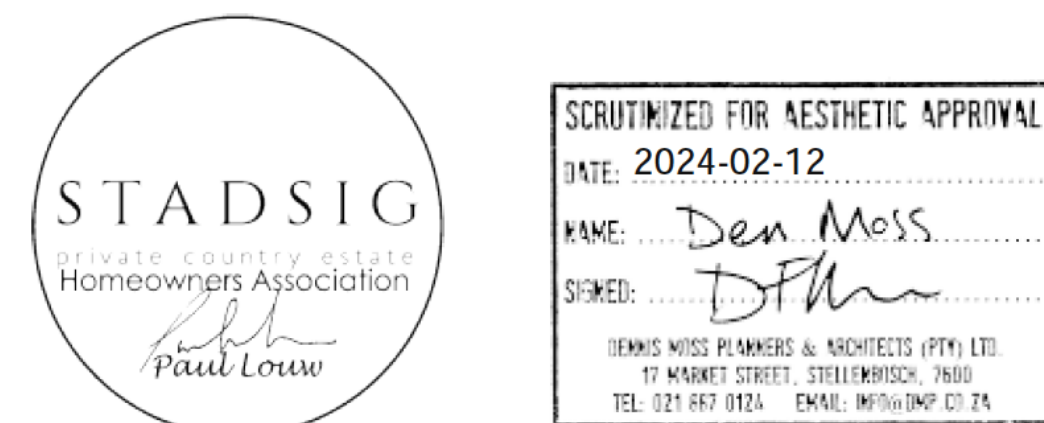
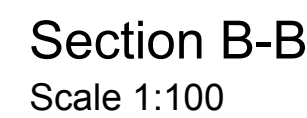
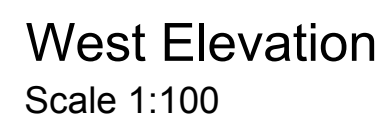
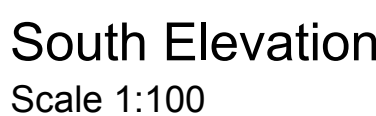
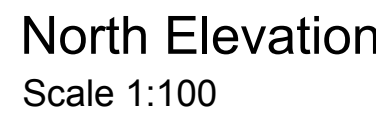
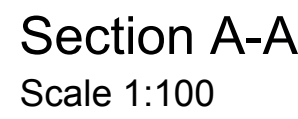


1	2	3		
Total fenestration area for each story / net floor area for each story (%)	U-Value (W/m².K)	Maximum solar heat gain coefficient (SHGC)		
		Vertical fenestration with North-West, North-East and East Sector orientation (see figure 2)		Vertical fenestration with South-West, South and South-East orientation (see figure 2)
		With shading in accordance with 5.2.2	With no shading or not in accordance with 5.2.2	All
≤ 20 %	Any solution	Any solution	Any solution	Any solution
≤ 25 %	5.20	0.66	0.49	Any solution
≤ 30 %	4.40	0.53	0.44	Any solution
≤ 35 %	3.80	0.49	0.40	Any solution
≤ 40 %	3.30	0.44	0.35	Any solution
≤ 45 %	3.00	0.40	0.33	Any solution
≤ 50 %	2.60	0.35	0.30	Any solution
≤ 55 %	2.40	0.33	0.28	Any solution
≤ 60 %	2.20	0.30	0.25	Any solution
> 60 %	2.0	0.28	0.22	Any solution

Door- & Window Schedules

Scale 1:100

SCALE 1:100	DATE 01 - 2024	DRAWN CW
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SAND 1980: XA, Table 1: Minimum Probables of pipe reduction		
1	2	
Interval diameter of pipe mm	Minimum R-value ^a	
500 > 500	1 1.5	

NOTE: R-values in this table are based on the formula for flat surfaces.
 a. R-value = $\pi \times \text{radius} \times \text{length}$ where π denotes pi (3.1416).

NOTE: Capped to be included - minimum required R value to be achieved = 2.0/MPaW

1 x 200L solar water heater connected in series to 2 x 200L electric supplementary water heaters. Provision and installation of hot water circulation shall comply with SANS 10252-1. Cylinder support decks deemed-to-safety solution to comply with SANS 10400-1, figures 10, 11, 12 and Table 10. Alternatively, a rational design shall be provided and approved by a competent person.

Erf 16383

Erf 16384 (Portion 108)

31.00m SITE BOUNDARY

1.50m STREET BUILDING LINE

15.00m SITE BOUNDARY

SCULLERY/ EN SUITE 1

LAUNDRY

BEDROOM 1

Laminated timber

COVERED STOEP

DINING

KITCHEN

Solar collector panel above.

DOUBLE GARAGE

COVERED ENTRÉ

LOUNGE

BEDROOM 2

Laminated timber

BEDROOM 3

Laminated timber

BEDROOM 4

Laminated timber

BATHR.

EN SUITE 2

1.50m COMMONS AREA BUILDING LINE

175.00

174.00

173.00

on pipe water

Water- & Electrical Layout







































Scale 1:100

GROUND FLOOR Lighting & power services as per SANS 504						
Name	No. of lamps	Lamp wattage	Wattage	Hours per day	Days per week	Annual kWh
LED light fixture	18	5	90	5	7	163.8
LED downlight	7	3	21	5	7	38.22
LED tube	2	8	16	0.5	7	2.51
Total			127			204.53
Energy demand						
Energy demand: 1500m²	Ground floor					
Energy demand: 50W/m²	Energy consumption: 1500m²					
Total allowed: 775 W	Total allowed: 775 kWh					
Complies	Complies					

Electrical Consumption

- COPYRIGHT VESTED IN DCW GROUP PTY (LTD)
- CONTRACTOR TO VERIFY ALL DIMENSIONS & LEVELS ON SITE BEFORE COMMENCING ANY WORK
- DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION PURPOSES

ELECTRICAL SYMBOLS:

-  RECESSED BRICK LIGHT
-  DOWNLIGHT (8 watt LED)
-  CEILING LIGHT (11 watt CFL)
-  WALL LIGHT (11 watt CFL) 1 900mm A.F.F.L.
(unless otherwise indicated.)
-  WATERPROOF WALL LIGHT 1 900mm
ABOVE F.F.L. (unless otherwise indicated.)
-  BOLLARD / LIGHTING COLUMN
-  LIGHT SWITCH AT 950mm AFFL CL.
(UNLESS OTHERWISE INDICATED)
-  2-WAY LIGHT SWITCH
-  DIMMER SWITCH
-  15 AMP POWER POINT 350mm AFFL CL.,
UNLESS OTHERWISE SPECIFIED
-  DOUBLE 15 AMP POWER POINT
-  WATERPROOF 15 AMP POWER POINT
-  SHAVER POWER POINT 1.1m AFFL CL.
-  DEDICATED APPLIANCE POWER POINT
-  STOVE POWER POINT
-  IGNITER
-  HEATED TOWEL RACK POINT
-  TELEPHONE JACK
-  ELECTRICAL APPLIANCE ISOLATOR 1
100mm HIGH \pm
-  DOOR BELL PUSH TYPE
-  INTERCOM
-  T.V. ANTENNA
-  ALARM KEY PAD
-  ALARM DOOR CONTACT
-  ALARM PANIC BUTTON
-  ALARM SENSOR (2.1m A.F.F.L.)
-  ALARM CONTROL PANEL
-  METER BOARD
-  SUB DISTRIBUTION BOARD
-  DISTRIBUTION BOARD
-  HOT WATER GEYSER
-  SPEAKER POINT
-  FLUORESCENT LIGHT (20 watt)
-  NETWORK POINT
-  CEILING FAN
-  WATERPROOF POOL LIGHT
-  PV PANEL (MIN. 250W)
-  INVERTER (MIN. 5kVA) & BATTERIES

SIGNATURES

OWNER

C WAGENER - SACAP: PAD2475

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PROJECT
BOMMELSTEIN
DEVELOPMENTS

PROJECT DESCRIPTION
NEW DWELLING ON ERF 16384,
LOT 108 STADSIG BOULEVARD,
STADSIG PRIVATE COUNTRY
ESTATE. WELLINGTON

DRAWING DESCRIPTION

COUNCIL:
SECTIONS, ELEVATIONS &
ELECTRICAL

DRAWING INFORMATION

SCALE 1:100	DATE 01 - 2024	DRAWN CW
PROJECT NO. 2333	DRAWING NO. 3 002/108	REVISION C