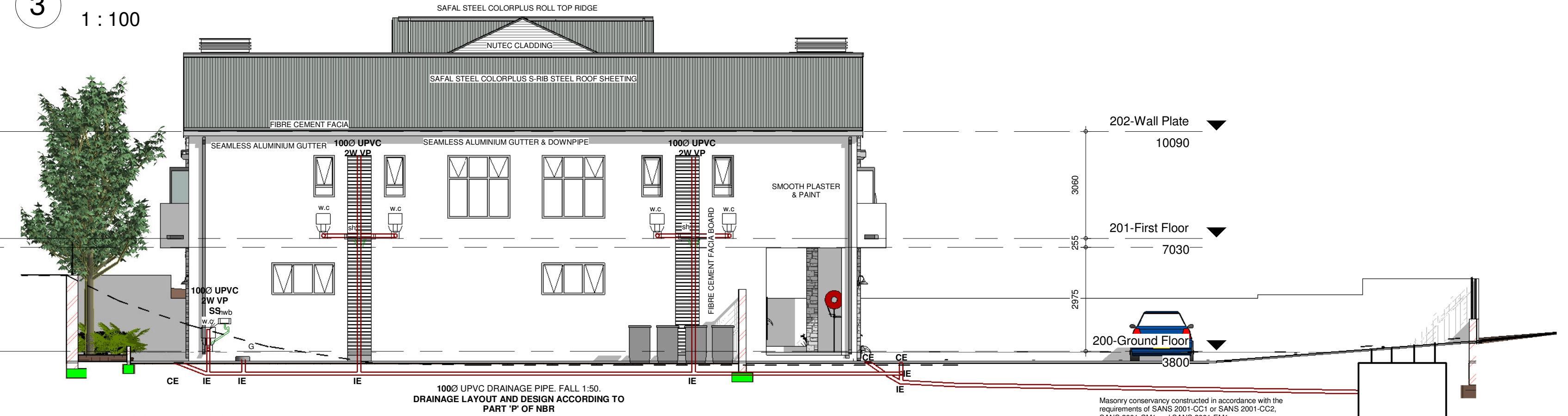


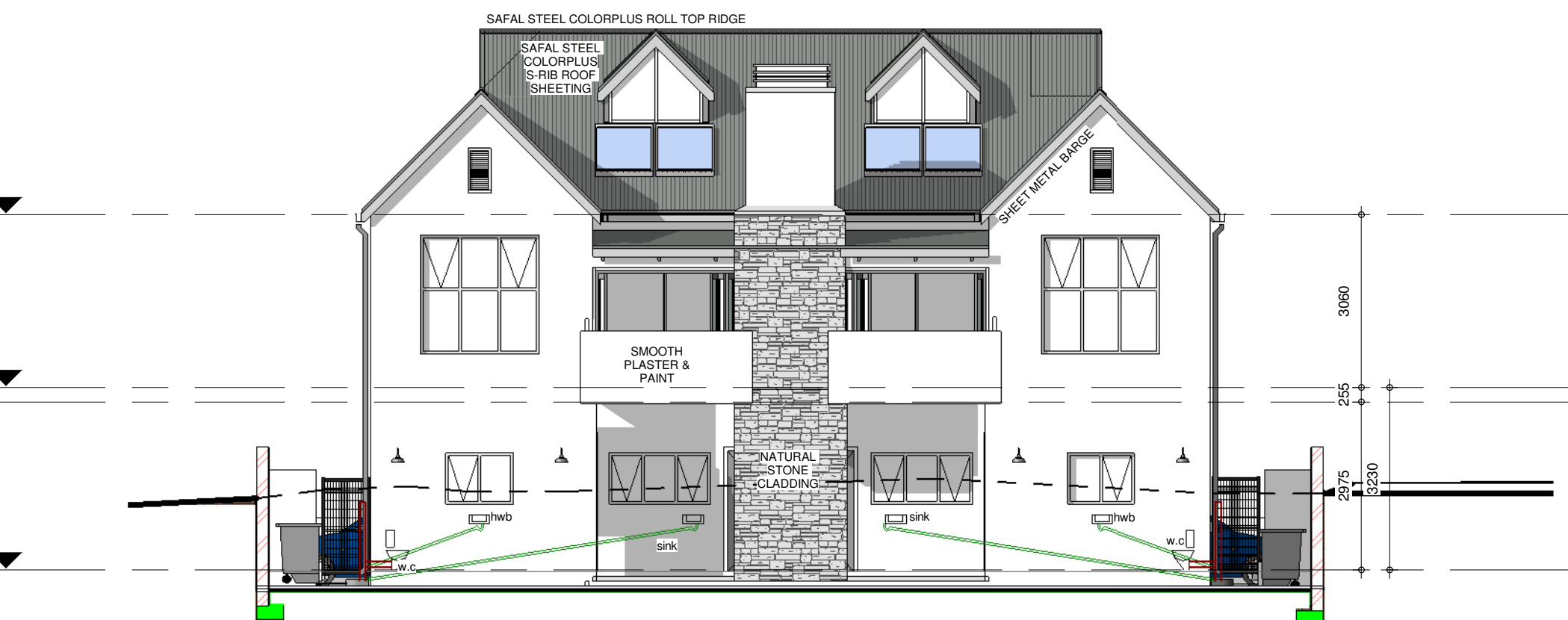
3 203-East Elevation
1 : 100



4 206-West Elevation
1 : 100



2 205-South Elevation
1 : 100



1 204-North Elevation
1 : 100



Note:
1. The design on this drawing is copyright and remains the property of Urban Concept Architects CK 2005/005530/23.
2. All work to be carried out in strict accordance with local authority requirements, National Building Regulations and SANS Standards. This drawing may not be scaled. Only figured dimensions and levels may be used.
3. All relevant details, levels and dimensions must be checked on site before commencement of work. Any discrepancies to be reported to the architect's office immediately.

No.	Description	Date

- (S) SEWER CONNECTION
- (W) WATER NETWORK CONNECTION
- (E) ELECTRICAL CONNECTION
- (G) NATURAL GAS CONNECTION
- (⊕) LIGHT BULLARD/ STREET LIGHT
- GROUND WORK TO BE CUT

Paul Boshoff
6576

Client: Absolute Marine
Address: Adventures
ERF 369
HOOF STRAAT
STRUISBAAI

DRAWING:
ELEVATIONS

1521
2018/06/28 12:37:25 PM

Author:
Drawing Number: 102
Scale: As indicated

ROOF ASSEMBLY RESISTIVITY 2			ROOF ASSEMBLY RESISTIVITY 3		
ROOF TO BE ENDORSED BY ENGINEER ACCORDING TO SANS 10400 XA AND SANS 204 MINIMUM RESISTIVITY VALUE IS AS FOLLOW:			ROOF TO BE ENDORSED BY ENGINEER ACCORDING TO SANS 10400 XA AND SANS 204 MINIMUM RESISTIVITY VALUE IS AS FOLLOW:		
METAL SHEET ; HORIZONTAL CEILING	TOTAL REQUIRED RESISTIVITY R _{tot} (m ² ·KW)	DIRECTION	METAL SHEET ; CATHEDRAL CEILING	TOTAL REQUIRED RESISTIVITY R _{tot} (m ² ·KW)	DIRECTION
	3.7	UP		3.7	UP
	CLIMATE ZONE	4		CLIMATE ZONE	4
OUTDOOR AIR FILM (MOVING AIR)	0.03		OUTDOOR AIR FILM (MOVING AIR)	0.03	
SHEET METAL	0.3		SHEET METAL	0.3	
ROOF AIRSPACE (UNVENTILATED)	0.18		DOUBLE SIDED ALUCUSHION	1.35	
DOUBLE SIDED ALUCUSHION	1.35		50mm ISOBOARD	2.083	
50mm ISOBOARD	2.083		INDOOR AIR FILM (STILL AIR)	0.11	
INDOOR AIR FILM (STILL AIR)	0.11				
TOTAL R-VALUE	4.053		TOTAL R-VALUE	3.873	

EXTERNAL WALL CALCULATIONS 1			
WALL TO BE ENDORSED BY ENGINEER CALCULATION AS PER SANS 10400 XA (4.4.3)			
TYPE	THICKNESS	R-VALUE (m ² ·KW)	CONDUCTIVITY (W/m·K)
INTERNAL PLASTER RENDERING	15mm	R0.03	0.6
MASONRY WALL	110mm	R0.165	0.35
AIR VOID	50mm	R0.82	
MASONRY WALL	110mm	R0.165	0.35
EXTERNAL PLASTER RENDERING	15mm	R0.03	0.6
TOTAL	280mm	R1.21	

FLOOR INSULATION			
DWELLING ATTRIBUTES:			
- FLOOR AREA LESS THAN 500m ²			
- STRIP FOUNDATION			
- NO UNDER FLOOR HEATING			
INSULATION TO BE INSTALLED AROUND THE VERTICAL EDGE PERIMETER AND SUSPENDED SLAB INSULATION IN ROOMS WHERE UNDER FLOOR HEATING IS INDICATED			
- FULL DEPTH OF VERTICAL EDGE OF CONCRETE SLAB ON GROUND			
- R-VALUE TO BE 1.0 OR MORE			
- AS PER SANS 204-4.3.2			
MINIMUM R-VALUE:	CLIMATE ZONE:	1	4

