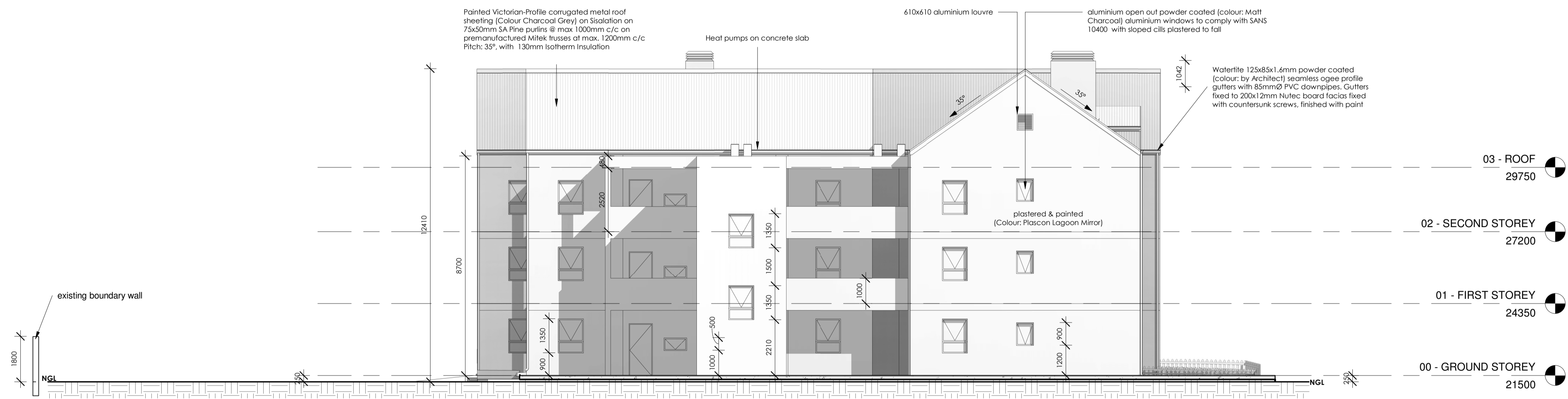
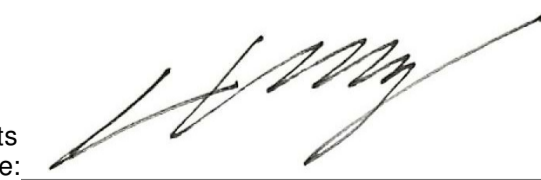


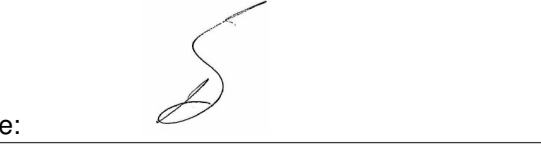
1 North Elevation
1 : 100



2 South Elevation
1 : 100

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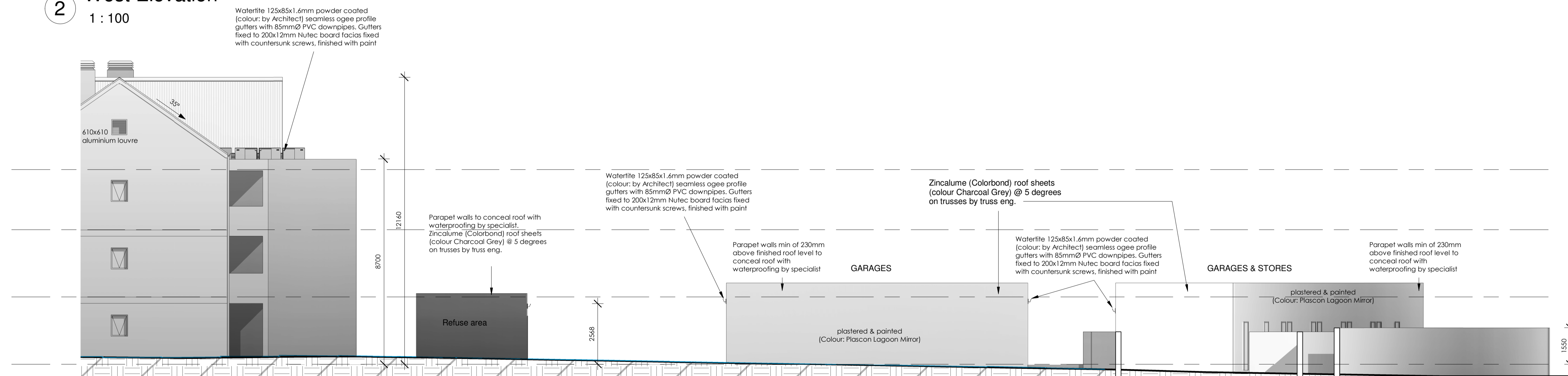
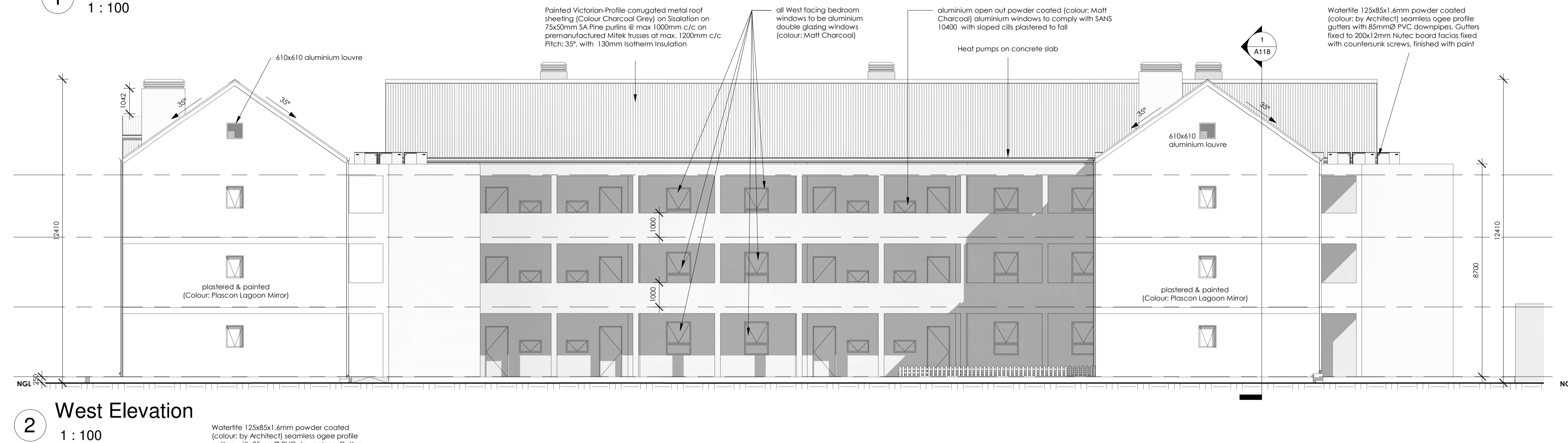
Architects
Signature: 

Clients
Signature: 

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MARINERS VILLAGE ENDEAVOUR NEW APARTMENTS ERF 10527 HERMANUS	Project number	119	ELEVATIONS
	Date	20-04-2020	119 A106
	Drawn by	BP	CURRENT REVISION
	Checked by	CKA	Scale

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Architects
Signature: *[Signature]*

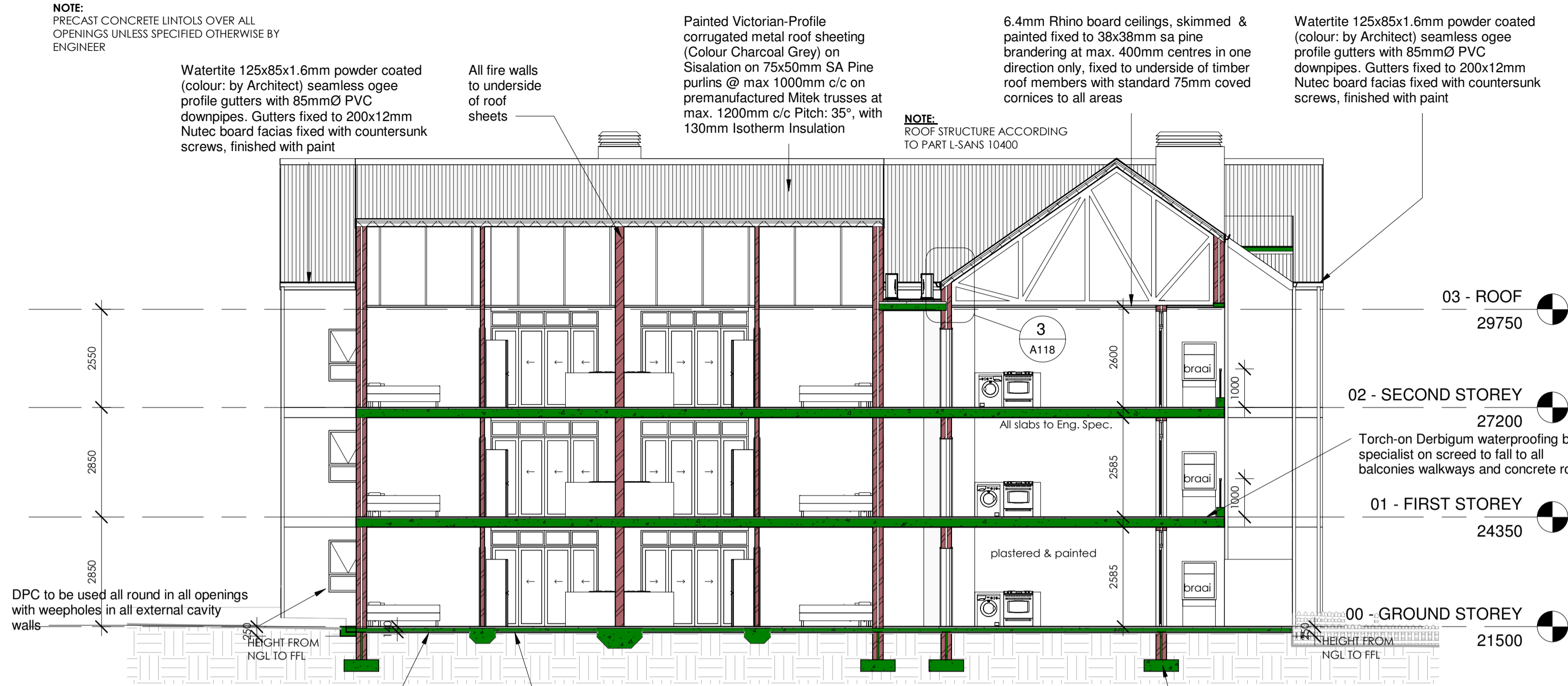
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Signature: *[Signature]*



MARINERS VILLAGE
ENDEAVOUR
NEW APARTMENTS
ERF 10527
HERMANUS

Project number	119	ELEVATIONS 2	
Date	20-04-2020	119	A107
Drawn by	BP	CURRENT REVISION	
Checked by	CKA	Scale	1 : 100

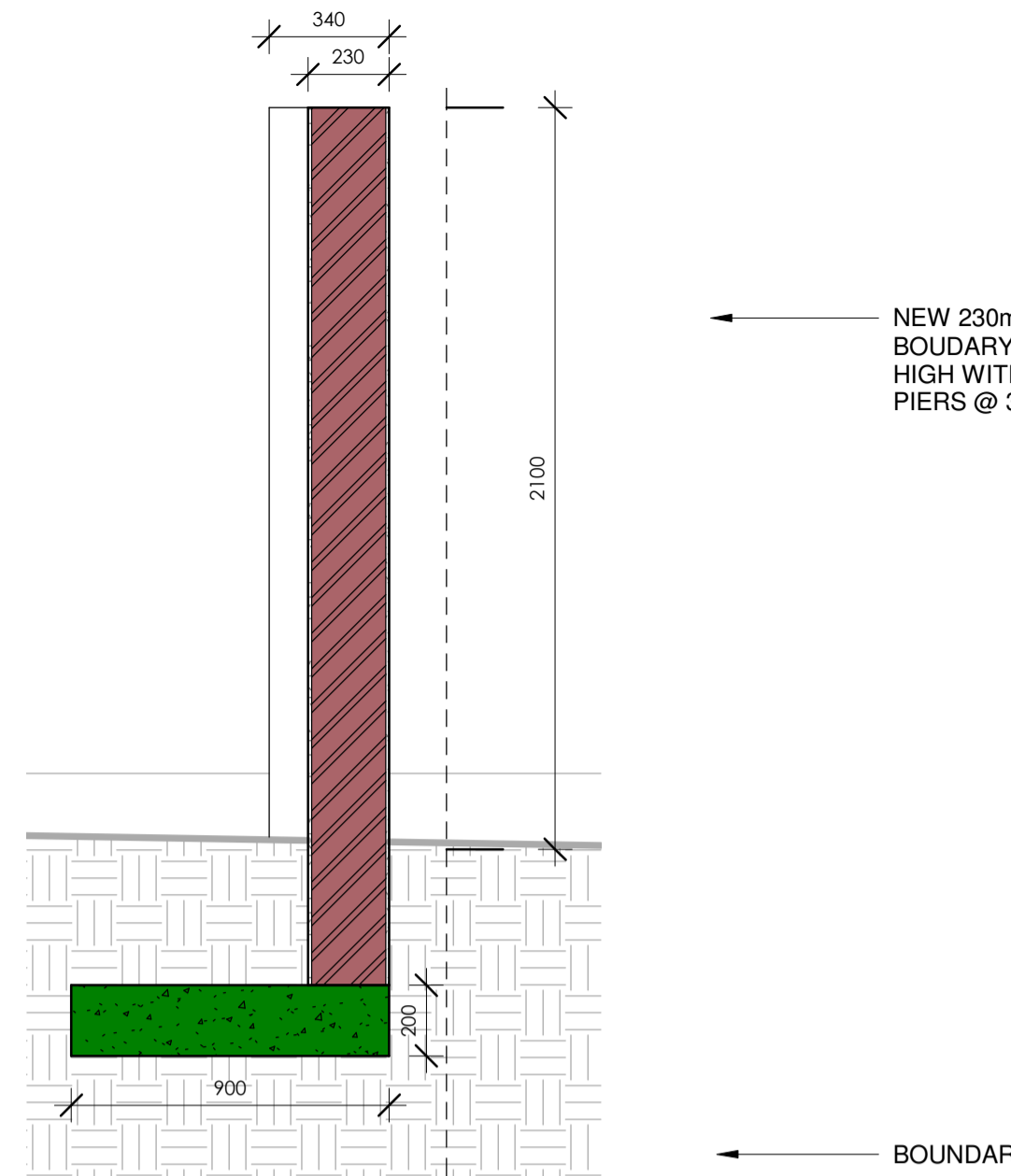
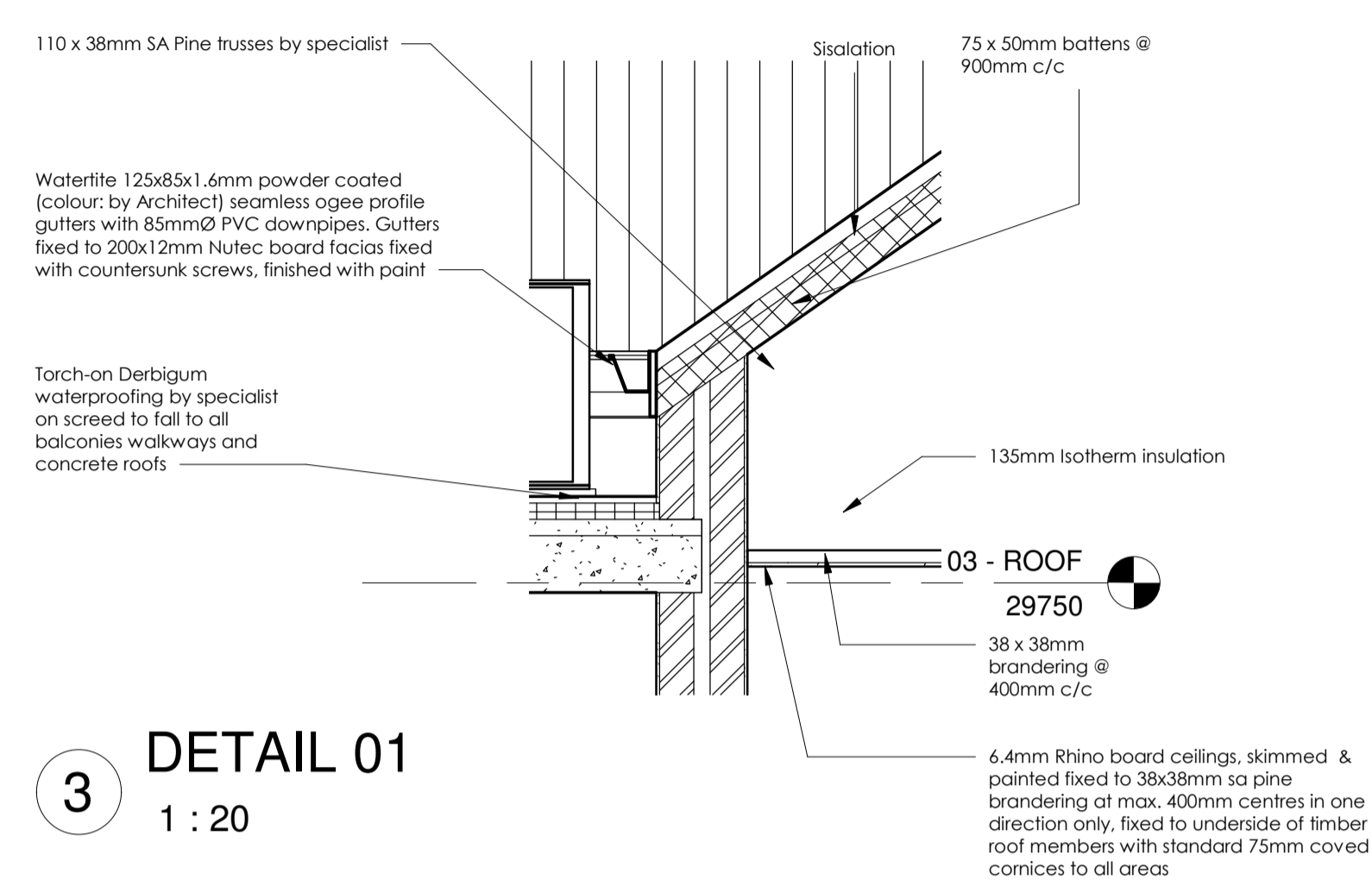
NOTE: PRECAST CONCRETE UNITS OVER ALL OPENINGS UNLESS SPECIFIED OTHERWISE BY ENGINEER



REQUIRED R-VALUE FOR CLIMATE ZONE 4 = 3.7 (m².k/w) UPWARDS

- METAL ROOF SHEETING - 0.02
- 50mm AIRGAP - 0.143
- SISALATION REFLECTIVE INSULATION MEMBRANE - 0.233
- 135mm ISOTHERM - 3.14
- ROOF AIRSPACE - 0.18
- 6.4mm SKIMMED RHINO BOARD CEILING - 0.17

ACHIEVED R-VALUE OF COMBINED PITCHED ROOF (35°) ASSEMBLY = 3.886 (m².K/W)
ACHIEVED R-VALUE > REQUIRED - COMPLIES



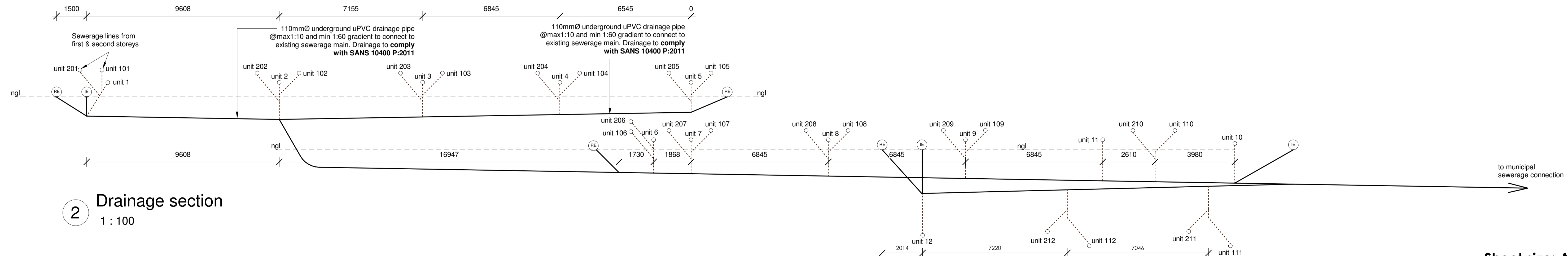
1 Section 1
1 : 100

3 DETAIL 01
1 : 20

5 BOUNDARY WALL SECTION
1 : 20

FENESTRATION CALC. TABLE

FENESTRATION CALCULATION:		
CLIMATIC ZONE 4 CONSTANTS: CONDUCTANCE - 1.4 / SOLAR GAINS - 0.13 NETT FLOOR AREA: 351.72m²	CLIMATIC ZONE 4 CONSTANTS: CONDUCTANCE - 1.4 / SOLAR GAINS - 0.13 NETT FLOOR AREA: 351.72m²	CLIMATIC ZONE 4 CONSTANTS: CONDUCTANCE - 1.4 / SOLAR GAINS - 0.13 NETT FLOOR AREA: 351.72m²
CONDUCTANCE & SOLAR GAINS CALCULATION: GROUND FLOOR: WINDOWS: W01-W44 AREA: 37.16m² DOORS: D01- D12 AREA: 83.86m² TOTAL AREA: 121.02m² RATIO: 10.26%	CONDUCTANCE & SOLAR GAINS CALCULATION: FIRST FLOOR: WINDOWS: W101-W144 AREA: 37.16m² DOORS: D101- D112 AREA: 83.86m² TOTAL AREA: 121.02m² RATIO: 10.26%	CONDUCTANCE & SOLAR GAINS CALCULATION: SECOND FLOOR: WINDOWS: W201-W244 AREA: 37.16m² DOORS: D201- D212 AREA: 83.86m² TOTAL AREA: 121.02m² RATIO: 10.26%
TARGET U-VALUE: 1652 TOTAL NET ACHIEVED U-VALUE: 762.31 TARGET SHGC: 153.4 TOTAL NET ACHIEVED SHGC VALUE: 40.56	TARGET U-VALUE: 1652 TOTAL NET ACHIEVED U-VALUE: 762.31 TARGET SHGC: 153.4 TOTAL NET ACHIEVED SHGC VALUE: 40.56	TARGET U-VALUE: 1652 TOTAL NET ACHIEVED U-VALUE: 762.31 TARGET SHGC: 153.4 TOTAL NET ACHIEVED SHGC VALUE: 40.56
A: CONDUCTANCE = (NETT FLOOR AREA x 1.4): 1180m² x 1.4 = 1652 > 762.31 (COMPLIES)	A: CONDUCTANCE = (NETT FLOOR AREA x 1.4): 1180m² x 1.4 = 1652 > 762.31 (COMPLIES)	A: CONDUCTANCE = (NETT FLOOR AREA x 1.4): 1180m² x 1.4 = 1652 > 762.31 (COMPLIES)
B: SOLAR GAINS = (NETT FLOOR AREA x 0.13) 1180m² x 0.13 = 153.4 > 40.56 (COMPLIES)	B: SOLAR GAINS = (NETT FLOOR AREA x 0.13) 1180m² x 0.13 = 153.4 > 40.56 (COMPLIES)	B: SOLAR GAINS = (NETT FLOOR AREA x 0.13) 1180m² x 0.13 = 153.4 > 40.56 (COMPLIES)



2 Drainage section
1 : 100

Architects Signature: *[Signature]*
Clients Signature: *[Signature]*



MARINERS VILLAGE
ENDEAVOUR
NEW APARTMENTS
ERF 10527
HERMANUS

Project number	119	SECTION
Date	20-04-2020	119 A118
Drawn by	BP	CURRENT REVISION
Checked by	CKA	Scale As indicated

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