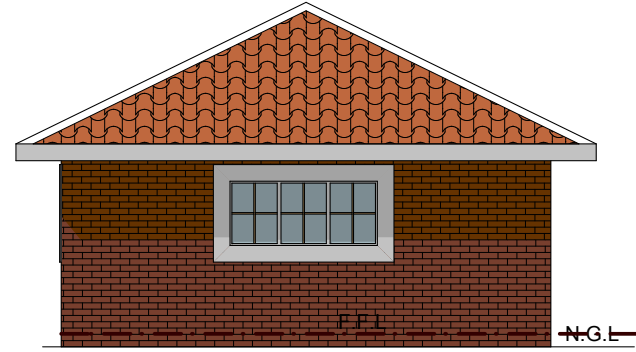


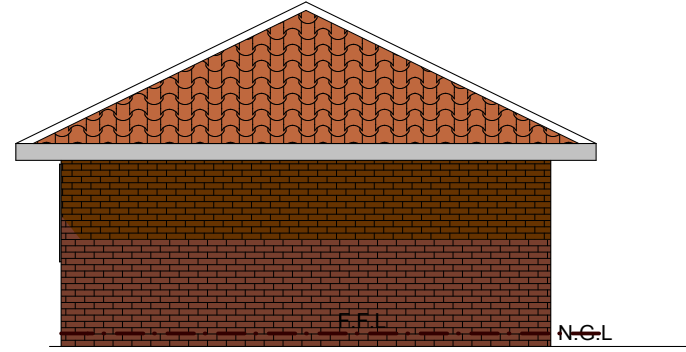
**SOUTH ELEVATION  
UNITS 16/17/18/19**

SCALE 1:100



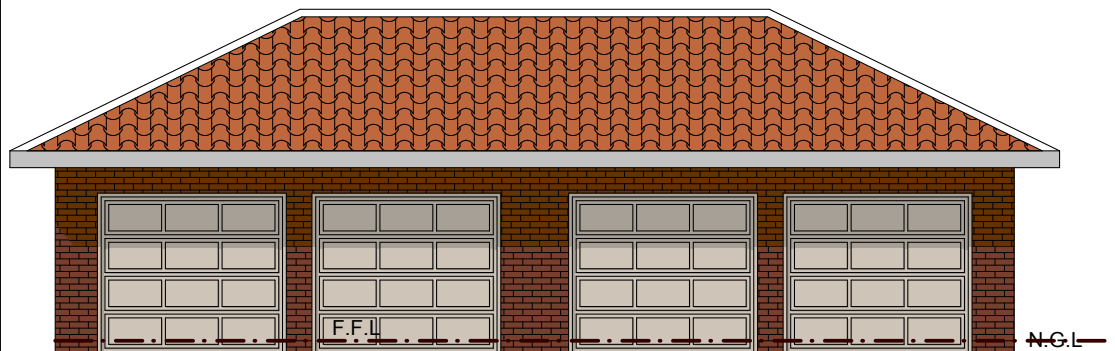
**WEST SIDE ELEVATION  
UNITS 16/17/18/19**

SCALE 1:100



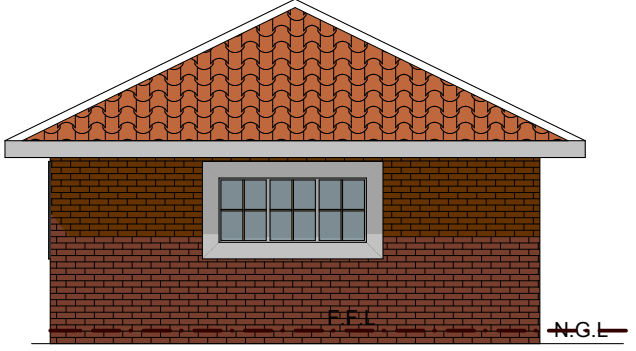
**TYPICAL SIDE ELEVATION  
UNITS 16/17/18/19/21/22**

SCALE 1:100



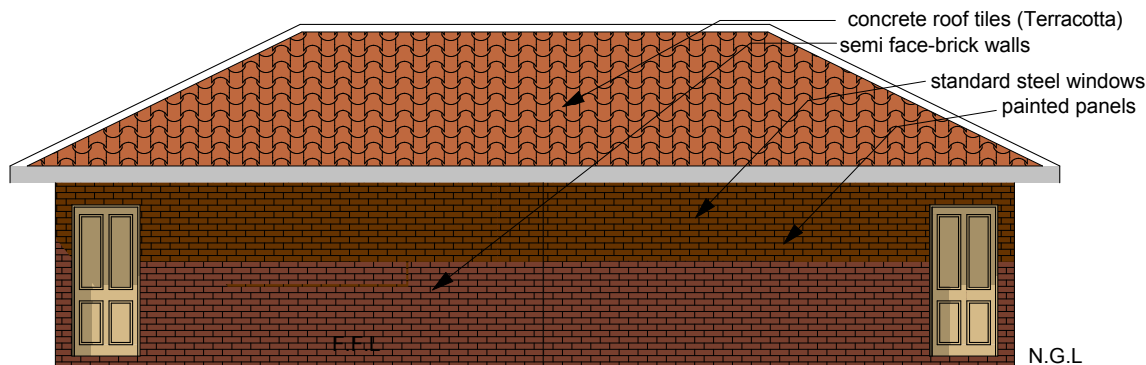
**NORTH ELEVATION  
UNITS 16/17/18/19**

SCALE 1:100



**EAST SIDE ELEVATION  
UNITS 20**

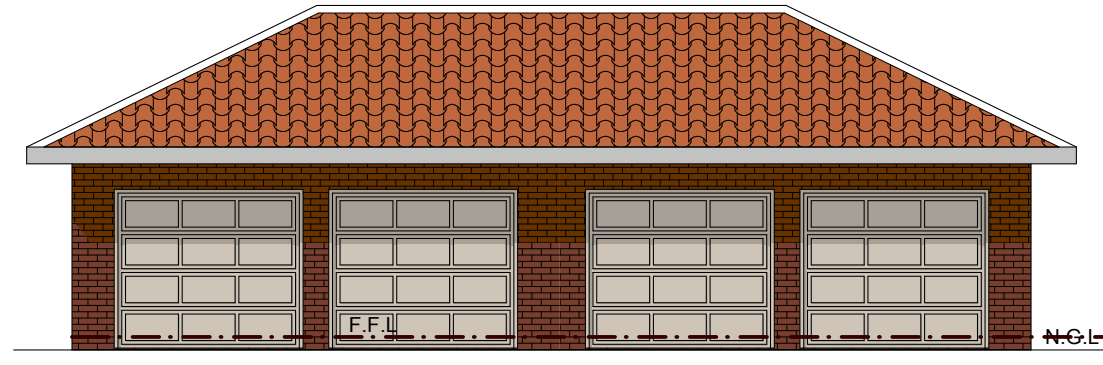
SCALE 1:100



**NORTH ELEVATION  
UNITS 20/21/22/23**

SCALE 1:100

**TYPE 4**




**SOUTH ELEVATION  
UNITS 20/21/22/23**

SCALE 1:100

**NOTES:**  
**GENERAL:**  
All dimensions to be checked on site before work commences. Drawings not to be scaled.  
**FOUNDATIONS:** To Engineer's specification & details  
220mm Wall's - 200x600mm Concrete foundations  
110mm Wall's - 200x600mm Concrete foundations  
Min. strength 20 MPa after 28 days  
Foundation walls to be of hard burnt stock brick, min. strength 7 MPa solid filled  
All foundations to be a min. of 300mm below NGL  
**FLOORS:** To Engineer's specification & details  
Apply ant poison as per SABS 024  
Concrete surface bed min strength 15 MPa after 28 days  
19mm Stone on well compacted filling in wetted layers of 150mm provide "ISOBOARD" underslab insulation  
"USB GREEN" waterproofing membrane  
25mm thick screed on 75mm min conc. surface bed  
Finished floors to a min of 150mm above NGL  
Brick paving on 25mm river sand on DPC on well compacted filling to specialist contractor  
**WALLS:**  
220mm & 110mm Stretcher bond brick walls with min. strength of 7 MPa Class 3 cement mortar  
"GUNDLE BRICKGRIP" DPC under all walls & window cill's  
**ROOF NOTES:** To Engineer's specification  
Cement roof tiles @ 17,5° - 30° pitch  
on 76x38mm SA Pine roof battens  
@ 500mm max c/c on Roof trusses @ 760mm max c/c:  
152x38mm SA Pine WG 6 tie beam  
152x38mm SA Pine WG 6 rafters  
114x38mm SA Pine WG 6 posts & struts on  
76x38mm SA Pine WG 6 wall plate  
2 Strands 4mm galv. wire roof tie's built in 400mm min  
38x38mm SA Pine ceiling battens @ 500mm max c/c  
Cement fibrous or similar ceiling and cornice  
45mm min thick roof insulation in ceiling  
100x76mm gutters & RWDP with 'Chromadek' finish  
All timber to SANS 10163 standards & specifications  
Provide underlay according to manufacturer specification  
Provide flashings where any roof abuts to any wall  
Flashings to be tucked into horizontal joint of brickwork  
**GLAZING:** As per SANS 10400 Part N Requirements  
0 - 0.75 sqm = 3mm  
0.75 - 1.5 sqm = 4mm  
1.5 sqm or larger = 6mm  
All sliding doors = 6mm safety glass clearly marked  
**DRAINAGE NOTES:** As per SANS 10400 Requirements  
100mm diam. PVC pipes @ 1:40 min - 1:50 max fall  
Provide CE's at 25m intervals and at head of drain  
Provide IE's at every change in direction of drain  
50mm ASP to all WC's with VP  
100mm diam. OVP at head of every drain  
Invert level to be 450mm min below NGL  
**GEYSER INSTALLATION:**  
To comply with SABS 10254 requirements  
Provide solar geysers system and/or heat pump to comply with rational design  
**FIRE NOTES:**  
Chimney to comply with SANS 10400 Part 'VV1 - VV4'  
**SWIMMING POOLS:**  
Safety to comply to SABS 1390, self locking gates

ELECTRICAL KEY			
⊕	CEILING LIGHT	⊕	LIGHT SWITCH
⊕	WALL LIGHT	⊕	DISTRIBUTION BOARD
⊕	TIMER SWITCH LIGHT	⊕	CONNECTOR BOX
⊕	DOOR BELL	⊕	METER BOARD
⊕	GEYSER CONNECTION	⊕	G.P.O. JUNCTION BOX
⊕	SINGLE PLUG OUTLET	⊕	T.V. AERIAL CONDUIT
⊕	STOVE CONNECTION	⊕	TELEPHONE OUTLET


**Schalk Pienaar Argitek/Architect**  
 SACAP 3121  
 cc 2006/045581/23  
 email schalkarch@gmail.com  
 mobile 082 7836984

PROJECT:	25 DWELLING UNITS
	UNITS 16, 17, 18, 19, 20, 21, 22, 23
CLIENT:	BERIDA PROPERTIES
ERF:	
SUBURB:	WILLOW PARK MANOR EXT.61
	TSHWANE
MAIN BLDG AREA	UNITS 16, 17, 18, 19, 20, 21, 22, 23 TYPE 4
COVERED STOEP	
OUTBUILDINGS	SCALE: AS SHOWN
TOTAL AREA	DRAWN: BH DATE: 21.03.2017
REV	
DATE	<b>WILLOW PARK/05</b>

