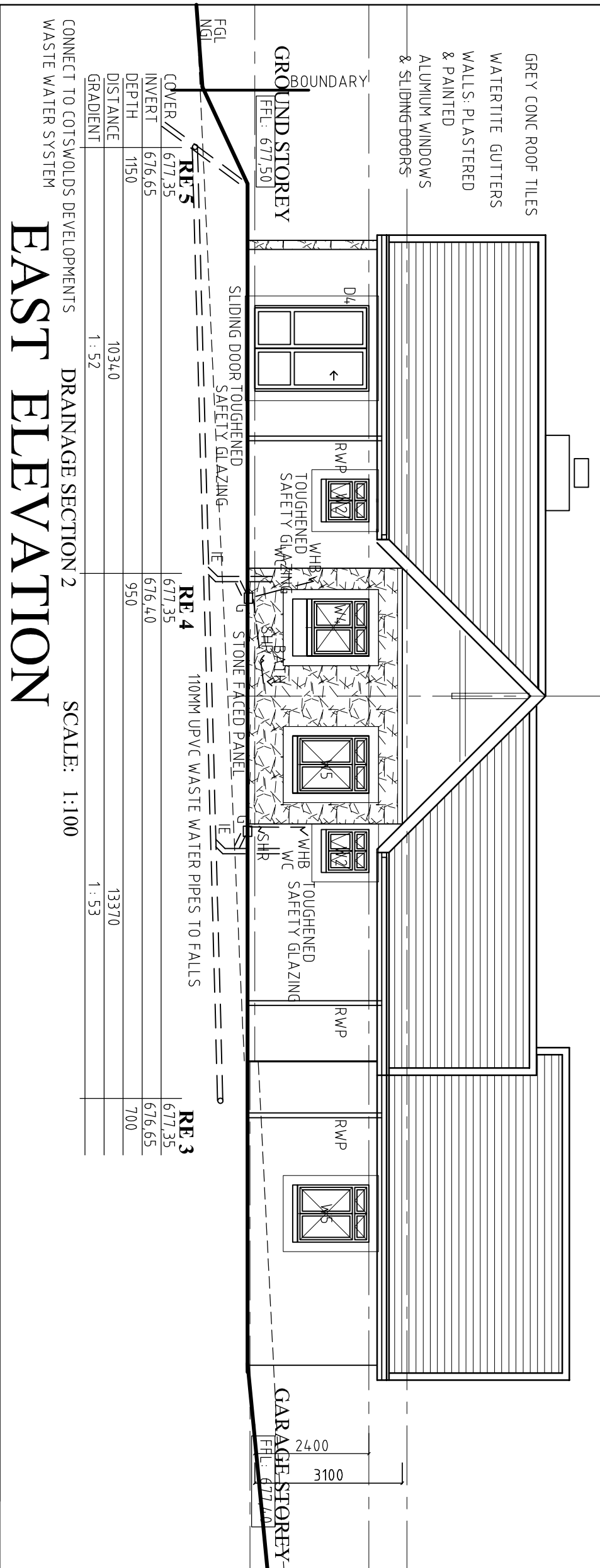
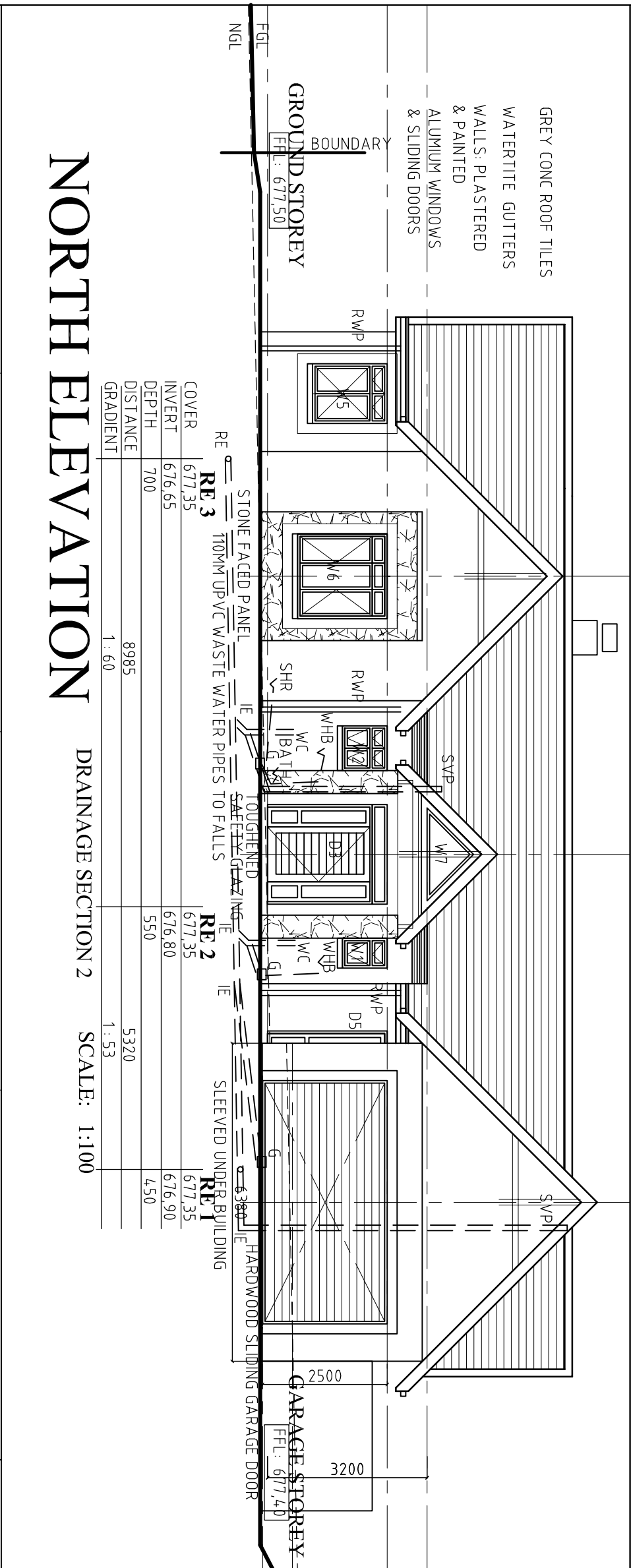


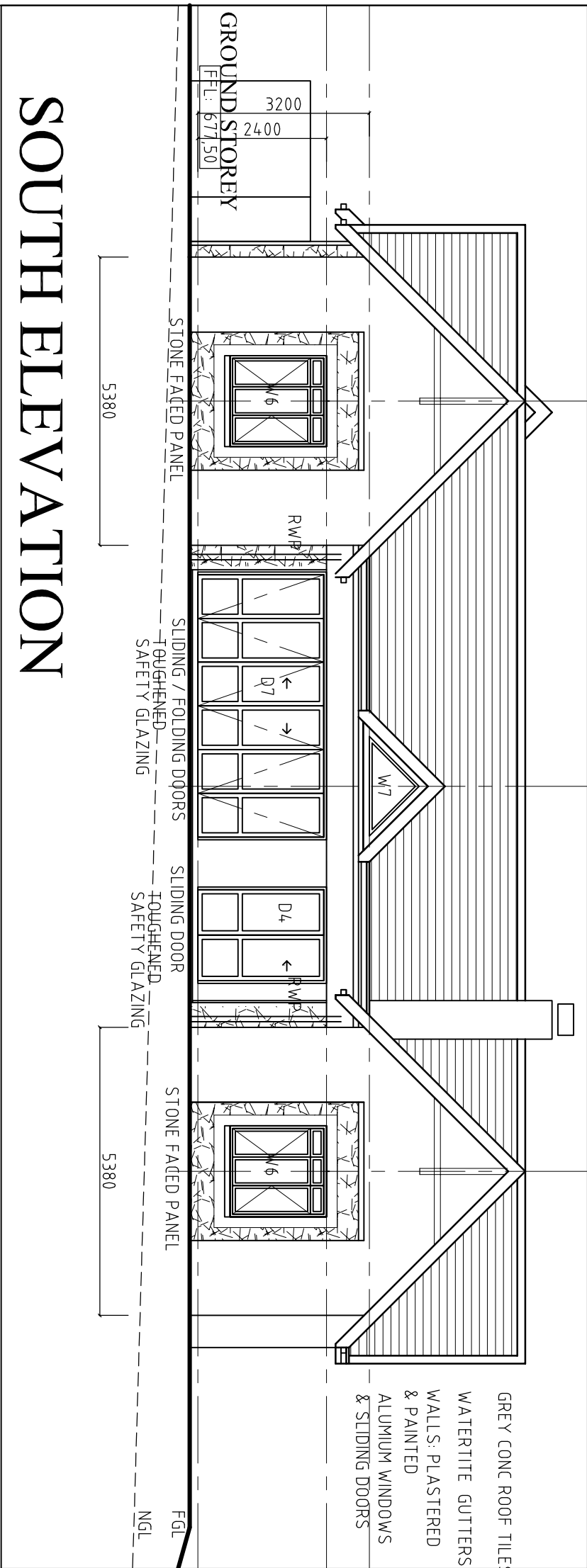
# WEST ELEVATION



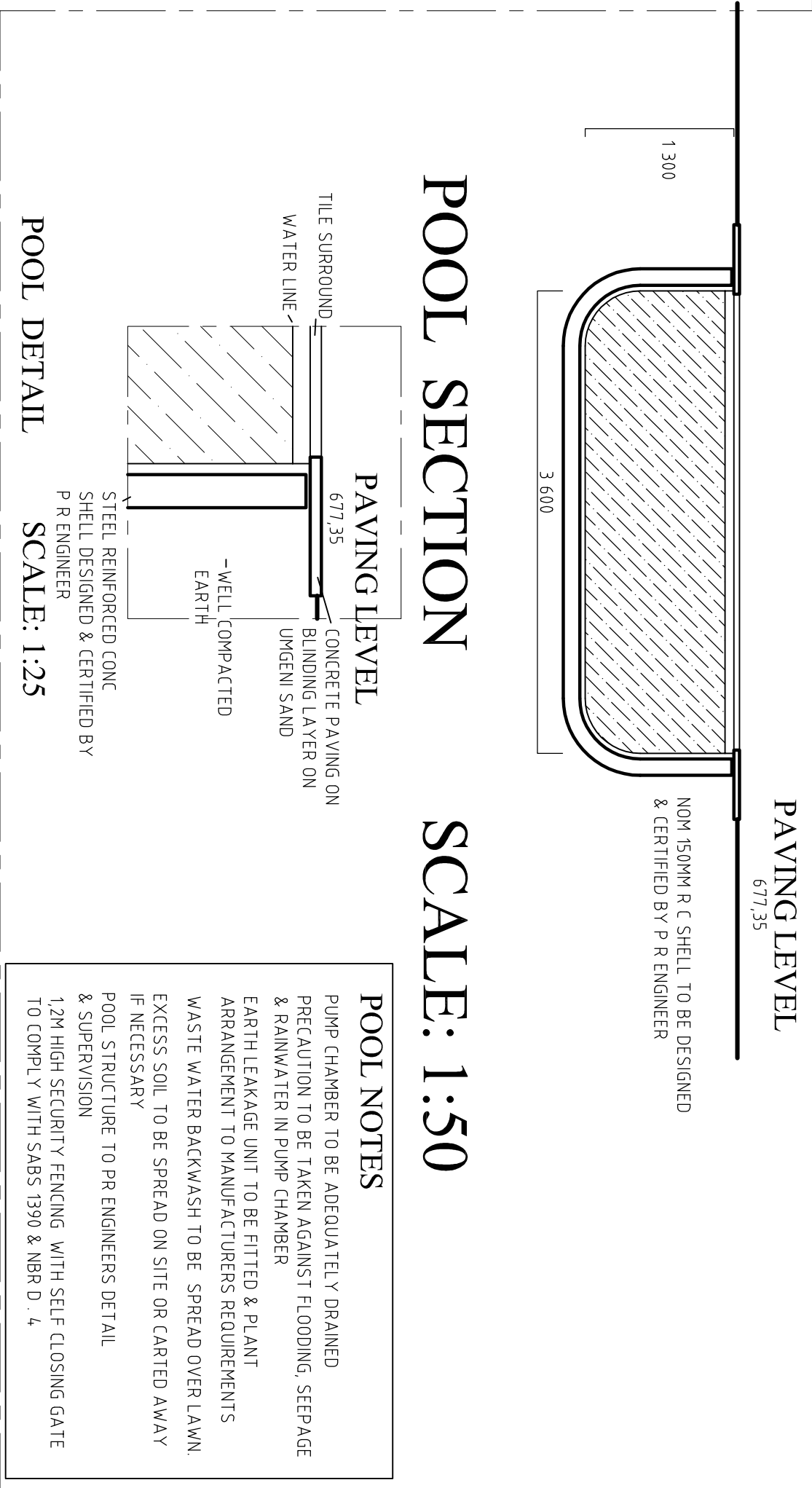
## EAST ELEVATION



# NORTH ELEVATION

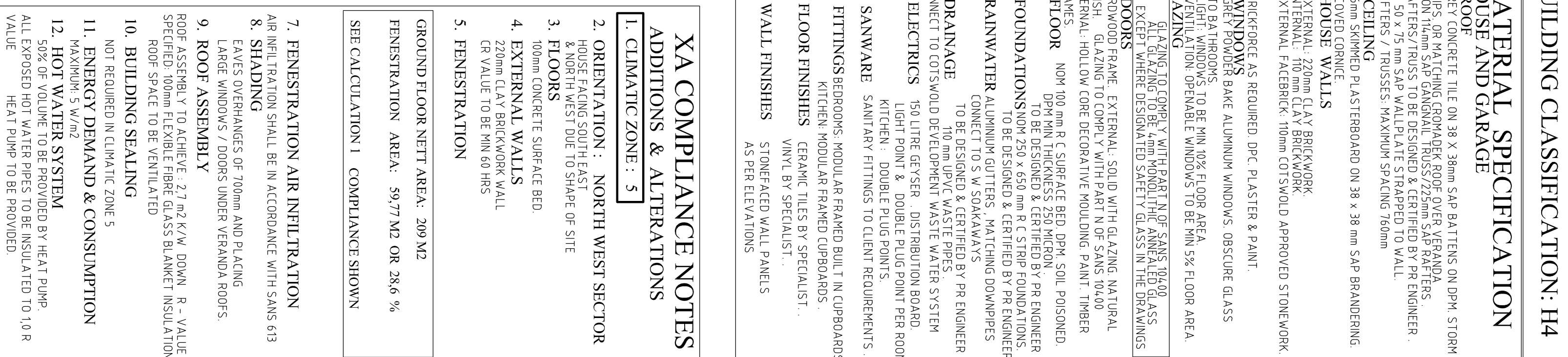


## SOUTH ELEVATION



# POOL SECTION

SCALE: 1:50



## BUILDING CLASSIFICATION: H4

# MATERIAL SPECIFICATION

## HOUSE AND GARAGE

### 1. ROOF

- GRAY CONCRETE TILE ON 38 x 38mm SAP BRAUVERING ON DPM STORM  
CLIPS. OR MATCHING GROMMET/ RAIL SYSTEM OVER VERANDA  
ON 50mm SAP GANGLANG. TRUSS 225mm SAP RAFTERS  
RAFTERS 225mm SAP GANGLANG. TRUSS 225mm SAP RAFTERS  
ON 10mm SAP GANGLANG. TRUSS 225mm SAP RAFTERS  
RAFTERS / TRUSSES MAXIMUM SPACING 760mm.
2. CEILING  
6mm SKIMMED PLASTERBOARD ON 38 x 38 mm SAP BRAUVERING.  
COVERED CORNICE.
3. HOUSE WALLS  
INTERNAL: 220mm 10mm CLAY BRICKWORK.  
EXTERNAL: 110mm CLAY BRICKWORK.  
EXTERNAL FAECBERICK: 110mm 10mm SWD/AL APPROVED STONEWORK.

4. **WINDOWS:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: POWER BAKE ALUMINUM WINDOWS: OBTURC GLASS TO BALCONIES.  
LIGHT WINDOWS: TO BE WITH 10% FLOOR AREA.  
GLAZING: LIGHT WINDOWS: TO BE WITH 10% FLOOR AREA.  
GLAZING: LIGHT WINDOWS: TO BE WITH 10% FLOOR AREA.
5. **DOORS:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
6. **FLOOR:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
7. **FOUNDATIONS:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
8. **RAINWATER:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
9. **DRAINAGE:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
10. **ELECTRICS:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
11. **SANITARY:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
12. **FITTINGS:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
13. **FLOOR FINISHES:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.
14. **WALL FINISHES:** ALL ALUMINUM UPVC PLASTER & PAINT.  
GLAZING: TO BE 4mm VODUOL THE ANNEALED GLASS.  
EXTERIOR: TO BE 4mm VODUOL THE ANNEALED GLASS.

## XA COMPLIANCE NOTES

## ADDITIONS & ALTERATIONS

## CLIMATIC ZONE : 5

- ORIENTATION : NORTH WEST SECTOR  
HOUSE FACING SOUTH EAST  
& NORTH WEST DUE TO SHAPE OF SITE  
FLOORS  
100mm CONCRETE SURFACE BED  
EXTERNAL WALLS  
220mm CLAY BRICKWORK WALL  
CR VALUE TO BE MIN 60 HRS  
PENESTRATION

ROUND FLOOR NETT AREA: 209 M2  
VENTILATION AREA: 59,77 M2 OR 28,6 %  
FREE CALCULATION ! COMPLIANCE SHOWN

1. PENETRATION AIR INFILTRATION  
INFILTRATION SHALL BE IN ACCORDANCE WITH SANS 613  
SHADING
2. EAVES OVERHANGS OF 70mm AND PLACING  
LARGE WINDOWS / DOORS UNDER YEANADA ROOFS.
3. ROOF ASSEMBLY  
TO BE ASSEMBLY TO ACHIEVE 21 m2/kv.m DOWN R - VALUE  
OF 0.125 TO BE ACHIEVED FROM THE INTERGLASS BLANKET INSULATION  
ROOF SPACE TO BE VENTILATED
4. BUILDING SEALING
5. NOT REQUIRED IN CLIMATIC ZONE 5
6. ENERGY DEMAND & CONSUMPTION  
MAXIMUM 5 wh/m2
7. HOT WATER SYSTEM  
50% OF VOLUME TO BE PROVIDED BY HEAT PUMP.  
EXPOSED HOT WATER PIPES TO BE INSULATED TO 10 R  
HEAT PUMP TO BE PROVIDED

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LELEGO DESIGN ARCHITECTS  
651 MARKS ROAD KLOOR, 3610  
CLIENT: PHAKKOS TRADING STORE (PTY) LTD  
TEL: 016 34 5680 REF: 7488  
PROJECT: ERF 2500 HILLCREST  
COTSWOLD DOWNS 95 INADAMA RD, HILLCREST  
NEW HOUSE & GARAGE  
DRAWN BY: LELEGO  
DATE: SEPT 2014  
SCALE: 1:100  
DRAWING NO: WD 03