



| NEIGHBOURS CONSENT SIGNATURES | | |
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| STREET ADDRESS | NAME & TEL. No | SIGNATURE |
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HOT WATER SUPPLY
 Hot water pipes to be insulated within 1.5m from inlet & exit geyser more than 1.5m from geyser to be embedded in wall 15mm Ø SANS approved insulation covering with R-Value 1.0

GEYSER
 100mm Isotherm flexible blanket around with R-Value 2
 50HRS Water capacity
 50% (25HRS) of water to be heated through heat pump

- A: FOOTINGS:-**
 1. 200mm WALLS - 700x230 MASS CONCRETE FOOTINGS, DEPTH MAY VARY TO SUIT SOIL CONDITIONS.
 2. 115mm WALLS - 600x200 MASS CONCRETE FOOTINGS, DEPTH MAY VARY TO SUIT SOIL CONDITIONS.
- B: FLOORS:-**
 1. LAMINATED TIMBER FLOOR FINISH LAID ON CEMENT SCREED WITH MIN. 20mm THICKNESS ON REINFORCED CONCRETE SLAB TO ENGINEERS DETAIL.
 2. SURFACE BEDS: FLOOR FINISH BY OWNER LAID ON CEMENT SCREED WITH MIN. 20mm THICKNESS ON 115mm CONCRETE SURFACE BED MIX OF MIX NOT GREATER THAN 1:3:6 BY VOLUME WITH B.I.C MESH LAID ON APPROVED GUNPLAS USB GREEN WATERPROOF SHEETING LAID ACCORDING TO MANUFACTURERS ON 50mm CLEAN BLINDING LAYER ON WELL COMPACTED FILL.
- C: WALLS:-**
 1. SABS APPROVED CLAY BRICKWORK TO COURSES OF BRICKWORK ARE TO BE REINFORCED WITH BRICKFORCE IN SOLID CEMENT MORTAR JOINTS BELOW WALL PLATE LEVEL, ABOVE WINDOW HEAD LEVEL & BELOW WINDOW SILL LEVEL.
 2. EXTERNAL FACE OF INNER SKIN OF ALL EXTERNAL WALLS TO BE SARGED AND RENDERED WATERPROOF WITH SUITABLE APPLICATIONS OF BITUMEN.
 3. PRE-CAST CONCRETE LINTOLS ABOVE DOOR AND WINDOW HEAD LEVEL.
 4. GALVANISED WIRE TIES TO BE BUILT IN ALL 230mm WALLS AT 600 CENTRES HORIZONTALLY AND EVERY 600 COURSE VERTICALLY.
 5. DAMP PROOF COURSE TO BE EMBOSSED GUMBLE BRICKS/375 micron SABS 962-1989 TYPE B WELL TAPED AT ALL JOINTS AND INTERSECTIONS AND BEDDED AND JOINTED IN CEMENT MOTAR.
 6. ALL FINISHES TO BE MADE GOOD TO MATCH EXISTING RESIDENCE.
- D: BOUNDARY WALLS:-**
 1. NO PART OF BOUNDARY WALL NOR THEIR FOOTINGS ARE TO ENCHROACH BEYOND PROPERTY BOUNDARY.
 2. BOUNDARY WALL TO COMPLY WITH PART KK11 (TABLE 5) OF THE SANS 10400
- F: ROOF:-**
 1. CONCRETE ROOF TILES ON 30x30mm BATTENS @ 320 C/C ON APPROVED DPM UNDERLAY ON PREFABRICATED ROOF TRUSS @ 700 C/C TO SPECIALIST OR ENGINEERS DETAIL ON 114x38 TIMBER WALL PLATE; ALLOW THIN PINK AEROGELITE INSULATION ON ALL CEILINGS. TO COMPLY WITH SANS 10400 - L2011
 2. ALL RAIN WATER TO BE COLLECTED BY SW BUMP SITUATED AROUND HOUSE.
 3. CEILING:-
 1. 12mm SKIM COAT GYPSUM CEILING BOARD FIXED TO 38 x 38mm SA PINE BRANDING AT MAX 320mm c.g. WITH COVERED CORNICES TO MATCH EXISTING. (PLUCH PLASTERED - TWO COATS CEILING)
- H: WINDOWS:-**
 1. ALL NEW HWOOD & ALUMINIUM WINDOWS AND DOORS TO MATCH EX.
 2. ALL IRONMONGERY SELECTION TO BE CONFIRMED WITH THE OWNER.
 3. WINDOW SILLS TO MATCH EXISTING WITH DPC UNDER.
 4. ALL WINDOW AND DOORS TO HAVE PLASTER BANDS
- J: SKIRTINGS & ARCHITRAVES:-**
 1. ALL SKIRTINGS AND ARCHITRAVES TO MATCH EXISTING.
- K: DRAINAGE:-**
 1. ALL SANITARY FITTINGS TO BE TRAPPED IN ACCORDANCE WITH LOCAL AUTHORITY REGULATIONS.
 2. THE CONTRACTOR TO ENSURE THAT ADEQUATE STORMWATER DRAINAGE IS PROVIDED AS NOT TO CAUSE ANY DAMAGE TO THE PROPERTY.
 3. ANY NEW HARDENED AREAS OR ROOFED AREAS TO BE PROVIDED WITH A MUNICIPAL APPROVED SOAKAWAY AT 1m² 1.40m³ OF SUCH AREA.
- SPECIAL NOTES TO CONTRACTOR:-**
 1. ALL STRUCTURAL TIMBER SIZES SHOWN ON THIS DRAWING ARE TO BE CONFIRMED AS ADEQUATE BY A PROFESSIONAL ENGINEER BEFORE FIXING.
 2. CONTRACTOR IS TO CHECK ALL DIMENSIONS AND LEVELS BEFORE COMMENCING ANY WORK AND TO REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.
 3. ALL FOUNDATIONS TO BE TAKEN DOWN TO HARD VIRGIN GROUND.
 4. WHERE LOCAL AUTHORITY OR GOVERNMENT BUILDING REGULATIONS REQUIRE MORE STRINGENT REQUIREMENTS THAN SHOWN ON THESE DRAWINGS, THEY ARE TO BE COMPLIED WITH AFTER OBTAINING THE OWNERS CONSENT.
 5. ALL N.B.R CODES OF BUILDING PRACTICE AND SANS STANDARD ARE TO BE COMPLIED WITH WHERE APPLICABLE.
 6. ALL REINFORCED CONCRETE, FOUNDATIONS, COLUMN BASES BEAMS, SLABS AND RETAINING WALLS ARE TO BE BUILT STRICTLY IN ACCORDANCE WITH THE PROFESSIONAL ENGINEERS DETAILS AND UNDER HIS IHER SUPERVISION.
 7. USE FIGURED DIMENSIONS IN PREFERENCE TO SCALING.
- ENDORSEMENTS:-**
FLOORS:
 1. TO COMPLY WITH SANS 10400 - J2010
WALLS:
 1. TO COMPLY WITH SANS 10400 - K2011
ROOF:
 1. TO COMPLY WITH SANS 10400 - L2011
GLAZING:
 1. TO COMPLY WITH SANS 10400 - N2012
DRAINAGE:
 1. TO COMPLY WITH SANS 10400 - P2010
STORMWATER:
 1. TO COMPLY WITH SANS 10400 - R2012
NATURAL LIGHTING:
 1. TO COMPLY WITH SANS 10400 - C2011
- AREA SCHEDULE**
- | SITE AREA (R.C.600 ZONING) | 563.00m ² |
|----------------------------|----------------------|
| COV. ALL 40% FAR. ALL NA | 237.2m ² |
| EX. COV. | 237.00m ² |
| EX. FAR. | 210.00m ² |
| PROP. COV. | NIL |
| PROP. FAR. | 4.85m ² |
| TOTAL NEW COV. | 237.00m ² |
| TOTAL NEW FAR. | 214.94m ² |
| NEW USABLE ROOF AREA | NIL |
| CLASS OF OCCUPANCY : H4 | |

Project description
PROPOSED ALTERATIONS, ADDITIONS TO MAIN BUILDING, OUT BUILDING AND NEW AWNING FOR A H C Mac Lennan AT 217 Z K MATTHEWS ERF 7916 OF DURBAN GLENWOOD

Kwaramu Symmetry
 innovative architectural solutions

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GREEN BUILDING COUNCIL

OWNERS SIGNATURE/DETAILS

DRAWING DESCRIPTION
 Floor plans, Site plan, Elevations & area schedule

Drawn: M.R. LANGA
 Checked: RVS

Date: 09-11-2013
 Drawing No.: 09-2013-19-MACLENNAN_1