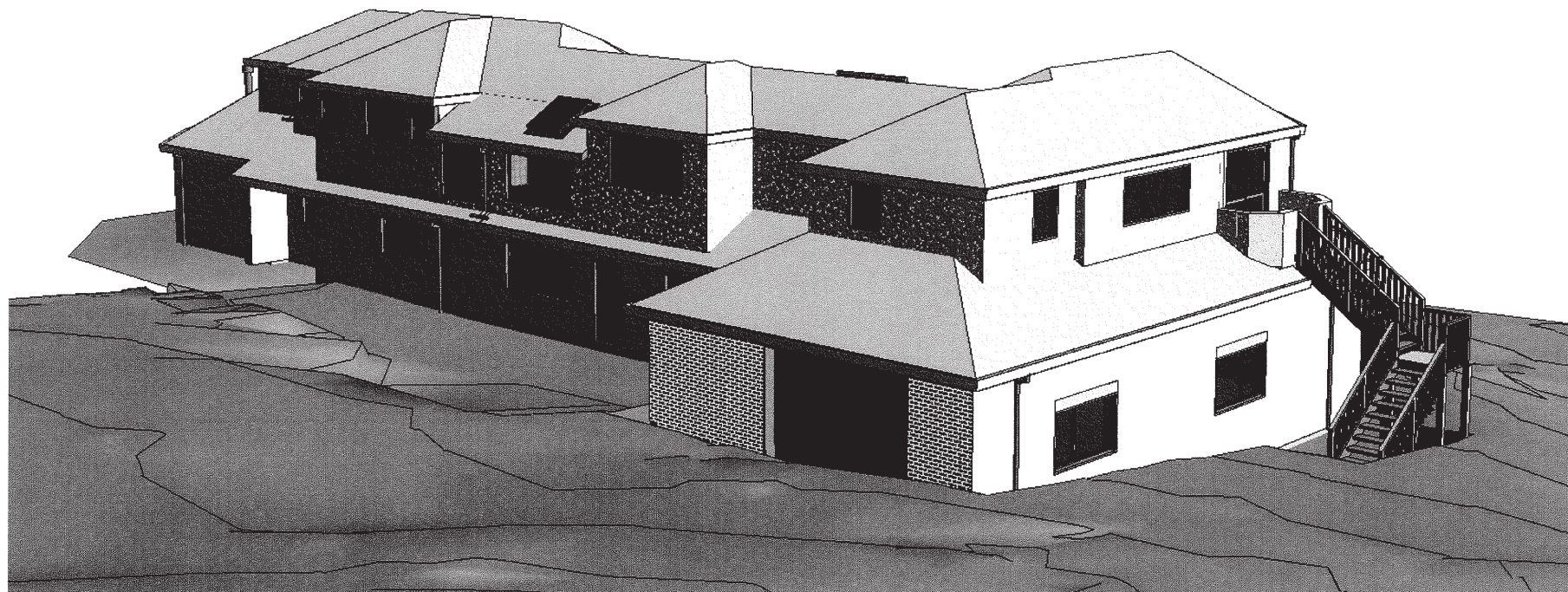




FRONT VIEW

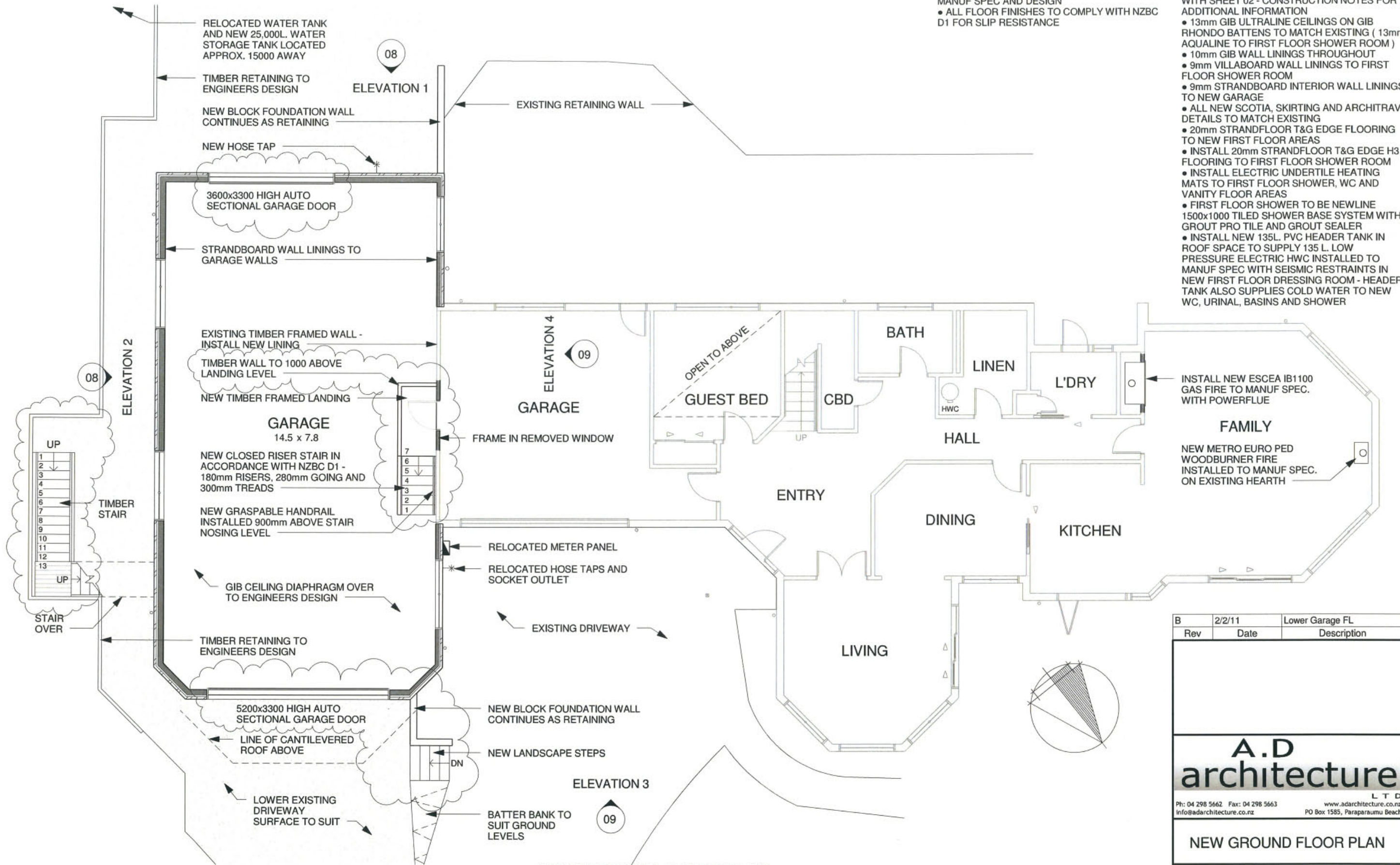


REAR VIEW

| Rev | Date | Description |
|---|----------|-------------|
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| <p>BUILDING 3D</p> | | |
| <p>BUILDING CONSENT</p> | | |
| <p>DO NOT SCALE DRAWING</p> | | |
| Job | Date | Rev Sheet |
| 10089 | DEC 2010 | (A3) 01 |

- CONSTRUCTION NOTES**
- INSTALL SOLAR WATER HEATING SYSTEM TO MANUF SPEC AND DESIGN
 - ALL FLOOR FINISHES TO COMPLY WITH NZBC D1 FOR SLIP RESISTANCE

- CONSTRUCTION NOTES**
- THIS PAGE IS TO BE READ IN CONJUNCTION WITH SHEET 02 - CONSTRUCTION NOTES FOR ADDITIONAL INFORMATION
 - 13mm GIB ULTRALINE CEILINGS ON GIB RHONDO BATTENS TO MATCH EXISTING (13mm AQUALINE TO FIRST FLOOR SHOWER ROOM)
 - 10mm GIB WALL LININGS THROUGHOUT
 - 9mm VILLABOARD WALL LININGS TO FIRST FLOOR SHOWER ROOM
 - 9mm STRANDBOARD INTERIOR WALL LININGS TO NEW GARAGE
 - ALL NEW SCOTIA, SKIRTING AND ARCHITRAVE DETAILS TO MATCH EXISTING
 - 20mm STRANDFLOOR T&G EDGE FLOORING TO NEW FIRST FLOOR AREAS
 - INSTALL 20mm STRANDFLOOR T&G EDGE H3 FLOORING TO FIRST FLOOR SHOWER ROOM
 - INSTALL ELECTRIC UNDERTILE HEATING MATS TO FIRST FLOOR SHOWER, WC AND VANITY FLOOR AREAS
 - FIRST FLOOR SHOWER TO BE NEWLINE 1500x1000 TILED SHOWER BASE SYSTEM WITH GROUT PRO TILE AND GROUT SEALER
 - INSTALL NEW 135L PVC HEADER TANK IN ROOF SPACE TO SUPPLY 135 L. LOW PRESSURE ELECTRIC HWC INSTALLED TO MANUF SPEC WITH SEISMIC RESTRAINTS IN NEW FIRST FLOOR DRESSING ROOM - HEADER TANK ALSO SUPPLIES COLD WATER TO NEW WC, URINAL, BASINS AND SHOWER



NEW GROUND FLOOR PLAN
1 : 100

NEW GROUND FLOOR AREA = 117.7m² OVER FRAMING LINE (123.0m² OVER CLADDING)
TOTAL GROUND FLOOR AREA = 322.5m² OVER FRAMING LINE (334.8m² OVER CLADDING)

| Rev | Date | Description |
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| B | 2/2/11 | Lower Garage FL |

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NEW GROUND FLOOR PLAN

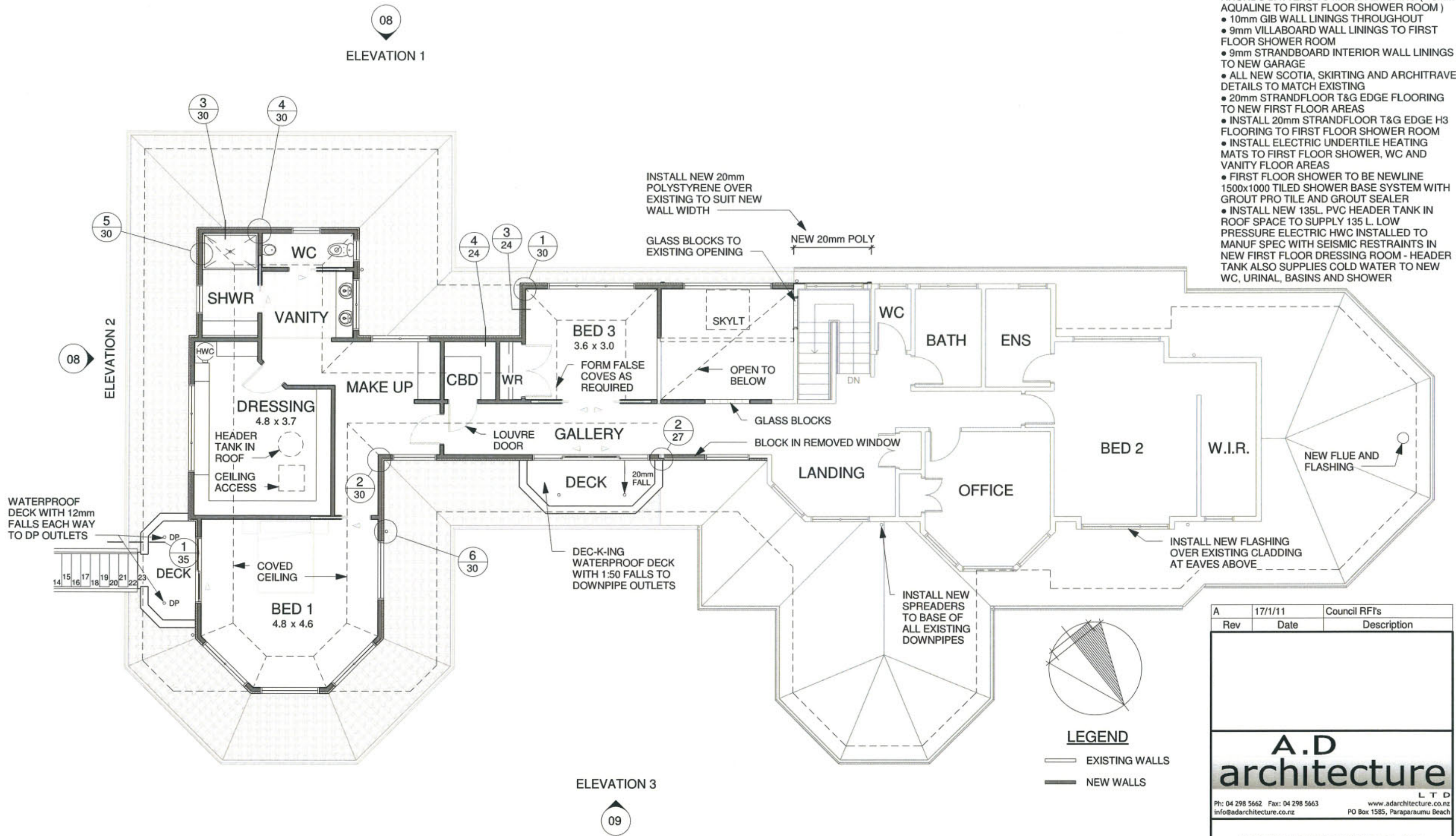
BUILDING CONSENT

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| Job | Date | Rev | Sheet |
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| 10089 | DEC 2010 | B | (A3) 06 |

- CONSTRUCTION NOTES**
- INSTALL SOLAR WATER HEATING SYSTEM TO MANUF SPEC AND DESIGN
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NEW FIRST FLOOR PLAN

1 : 100

NEW FIRST FLOOR AREA = 89.9m² OVER FRAMING LINE (97.8m² OVER CLADDING) + 5.1m² DECK
 TOTAL FIRST FLOOR AREA = 179.0m² OVER FRAMING LINE (188.7m² OVER CLADDING) + 5.2m² DECK

| A | 17/1/11 | Council RFI's |
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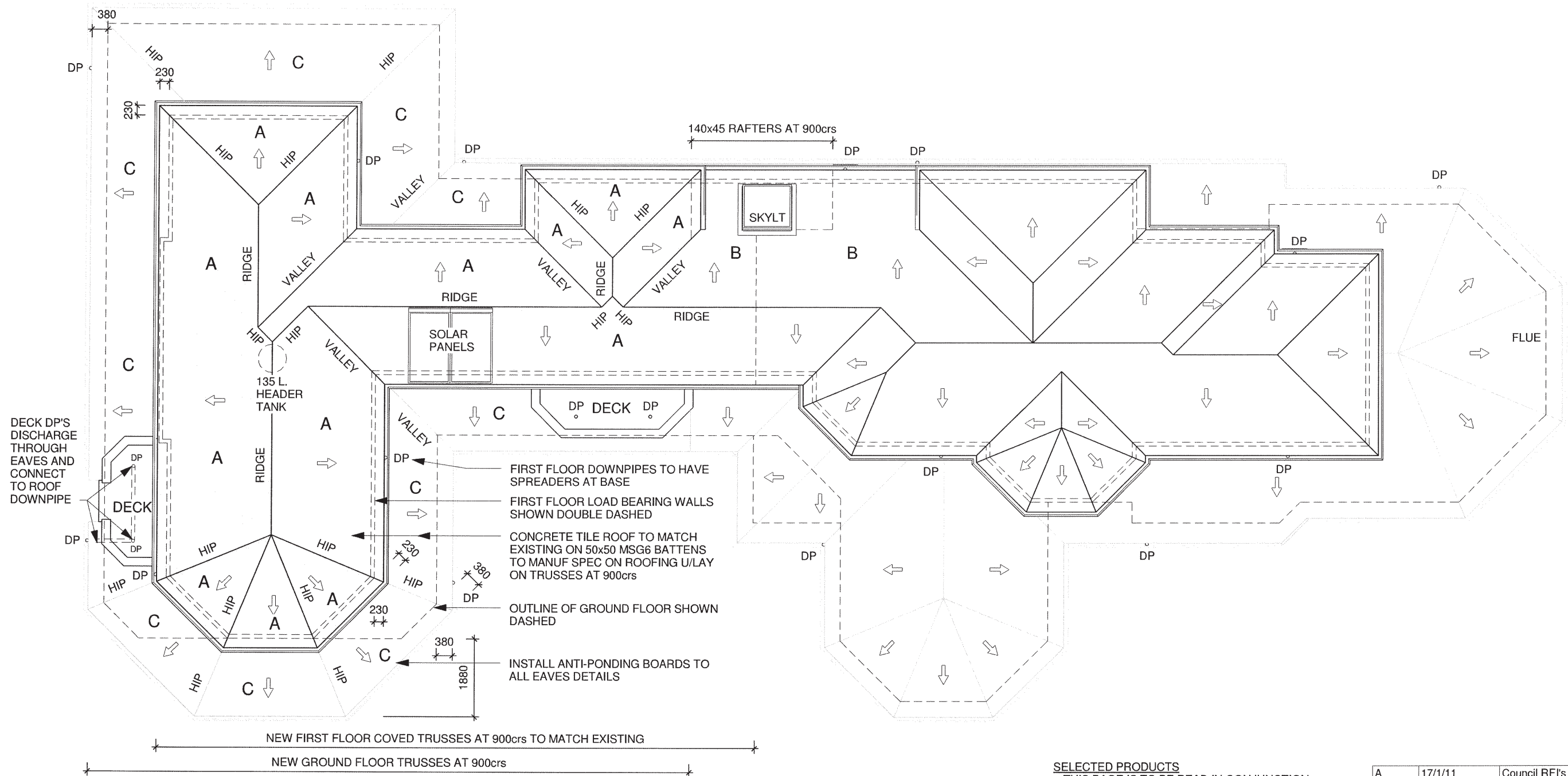
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NEW FIRST FLOOR PLAN

BUILDING CONSENT

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DOWNPIPE AND GUTTER CALCULATIONS

ALL DOWNPIPES 80mmØ
 FROM NZBC E1/AS1 TABLE 5:
 80mmØ DOWNPIPE SERVES 70m² ROOF AREA
 WHERE ROOF PITCH IS BETWEEN 25 & 35°

KLASS GUTTER SECTIONAL AREA = 8150mm²
 FROM NZBC E1, FIGURE 15:
 EXT. GUTTER WITH CROSS SECTIONAL AREA OF
 8150mm² CAN SERVE ROOF AREA OF 64m²
 WHERE ROOF PITCH IS BETWEEN 25 & 35°

ROOF A CATCHMENT AREA = 101.5m²
 ROOF PITCH = 30°
 No. OF DOWNPIPES REQUIRED = 2
 No. OF DOWNPIPES PROVIDED = 3

ROOF B CATCHMENT AREA = 17.4m²
 ROOF PITCH = 30°
 No. OF DOWNPIPES REQUIRED = 1
 No. OF DOWNPIPES PROVIDED = 1

ROOF C CATCHMENT AREA = 83.2m² (184.7m²
 INCLUDING ROOF A)
 ROOF PITCH = 30°
 No. OF DOWNPIPES REQUIRED = 3
 No. OF DOWNPIPES PROVIDED = 4

ROOF NOTES

- REFER ALSO TO DETAILS FOR FLASHING DIMENSIONS
- ALL ROOF FRAMING TO BE GRADE MSG8 MINIMUM UNLESS NOTED OTHERWISE
- TILE BATTENS TO BE GRADE MSG6 50x50 AT CENTRES TO SUIT TILES
- HOLD DOWN FIXINGS: 1No. SKEW NAIL
- RAFTER / TOP PLATE CONNECTION: (2) SKEW NAILS + (1) WIRE DOG OR OTHER APPROVED 2.7kN CONNECTION
- TRUSS / TOP PLATE CONNECTION AS SPECIFIED BY TRUSS MANUFACTURER
- NEW ROOF PITCH TO MATCH EXISTING ROOF PITCH - 30° C.O.S.
- INSTALL ANTI-PONDING BOARDS TO EAVES
- ROOF BRACING BY ENGINEER
- ALL TRUSS OVERHANG DIMENSIONS TO SUIT KLASS FASCIA / GUTTER SYSTEM WITH 300mm SOFFIT TO FIRST FLOOR AND 450mm SOFFIT TO GROUND FLOOR - CHECK SOFFIT DIMENSIONS ON SITE TO MATCH EXISTING
- INSTALL HEDGEHOG GUTTER GUARD TO ALL NEW AND EXISTING GUTTERS

- FIRST FLOOR DOWNPIPES TO HAVE SPREADERS AT BASE
- FIRST FLOOR LOAD BEARING WALLS SHOWN DOUBLE DASHED
- CONCRETE TILE ROOF TO MATCH EXISTING ON 50x50 MSG6 BATTENS TO MANUF SPEC ON ROOFING U/LAY ON TRUSSES AT 900c/s
- OUTLINE OF GROUND FLOOR SHOWN DASHED
- INSTALL ANTI-PONDING BOARDS TO ALL EAVES DETAILS

SELECTED PRODUCTS

- THIS PAGE IS TO BE READ IN CONJUNCTION WITH SHEET 02 - CONSTRUCTION NOTES FOR ADDITIONAL INFORMATION
- CLADDING 1 - 70mm BRICK VENEER TO MATCH EXISTING WITH CAVITY TO THERMAKRAFT WATERGATE BUILDING WRAP ON FRAMING
- CLADDING 2 - PSL 40mm GRAPHEX PLASTER CLADDING SYSTEM TO MATCH EXISTING ON POLYSTYRENE CAVITY BATTENS ON THERMAKRAFT WATERGATE BUILDING WRAP ON FRAMING
- ROOF 1 - CONCRETE TILES TO MATCH EXISTING ON BATTENS TO MANUF SPEC. ON THERMAKRAFT 215 UNDERLAY ON FRAMING - ALLOW TO INSTALL NEW POINTING TO EXISTING RIDGES AND HIPS AND RE-COAT ALL EXISTING CONCRETE TILES
- SOFFITS - HARDIESOFFIT TO MATCH EXISTING
- FASCIA - KLASS FASCIA / GUTTER SYSTEM - ALLOW TO REPLACE ALL EXISTING FASCIA / GUTTER SYSTEM ALSO (METAL GUTTERS)
- DOWNPIPES - 80Ø PVC TO MATCH EXISTING - INSTALL NEW SPREADERS TO BASE OF EXISTING FIRST FLOOR DOWNPIPES
- WINDOW JOINERY - POWDERCOAT ALUMINIUM DOUBLE GLAZED WINDOWS
- WINDOW FLASHING TAPE - THERMAKRAFT ALUBAND SYSTEM

ROOF PLAN

1 : 100

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| <p>ROOF PLAN</p> | | |
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| Job | Date | Rev |
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| Sheet | 18 | |