

GENERAL NOTES :

ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR BEFORE COMMENCING WORK.

FOUNDATIONS TO BE MIN. 1m FROM MUNICIPAL SERVICES.

REINFORCED BRICKWORK WITH SOLID JOINTS IN CEMENT MORTAR IN ALL WALLS AT WINDOW CILL AND ROOF PLATE LEVELS.

SOIL TO BE POISONED.

ALL NEW WATER PIPES TO BE 22mm Ø COPPER PIPING.

TOILET AND WASHING FACILITIES TO BE PROVIDED IF EMPLOYEES ARE EMPLOYED.

100 CONCRETE SLAB ON BRC MESH ON SABS APPROVED DAMP ROOF MEMBRANE ON WELL RAMMED SOIL.

ALL GLAZING TO COMPLY WITH SANS 10400 - PART N.

FLOORS IN BATHROOM, LAUNDRY AND KITCHEN TO COMPLY WITH SANS 10400 - PART J 4.2.

ALL NEW WORK TO COMPLY WITH SANS 10400 XA AND SANS 204, ENERGY EFFICIENCY AND USAGE OF A BUILDING.

ALL PLUMBING TO COMPLY WITH SANS 10400 - PART P.

LIGHTING AND VENTILATION TO COMPLY WITH SANS 10400 - PART O.

GUTTERS AND DOWNPIPES TO COMPLY WITH SANS 10400 - PART R.

FLASHING TO BE PROVIDED AS PER SANS 10400 - PART L.

SUPPLY OF WATER TO COMPLY WITH SANS 10400 PART W.

NEW WALLS, ROOF, FOUNDATIONS, LINTELS AND BEAMS TO ENGINEER'S DETAIL.

DRAINAGE NOTES:

ANY DAMAGED FITTINGS TO BE REPLACED.

ALL GULLY SURROUNDS AND MANHOLE COVERS TO BE 75mm ABOVE GROUND LEVEL.

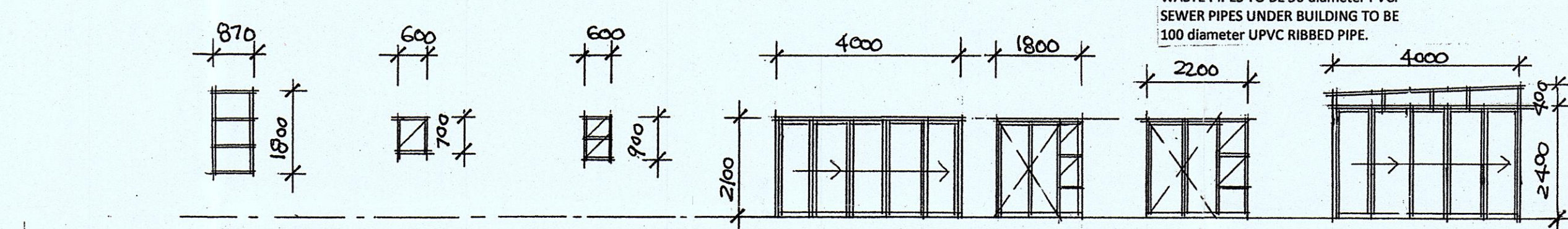
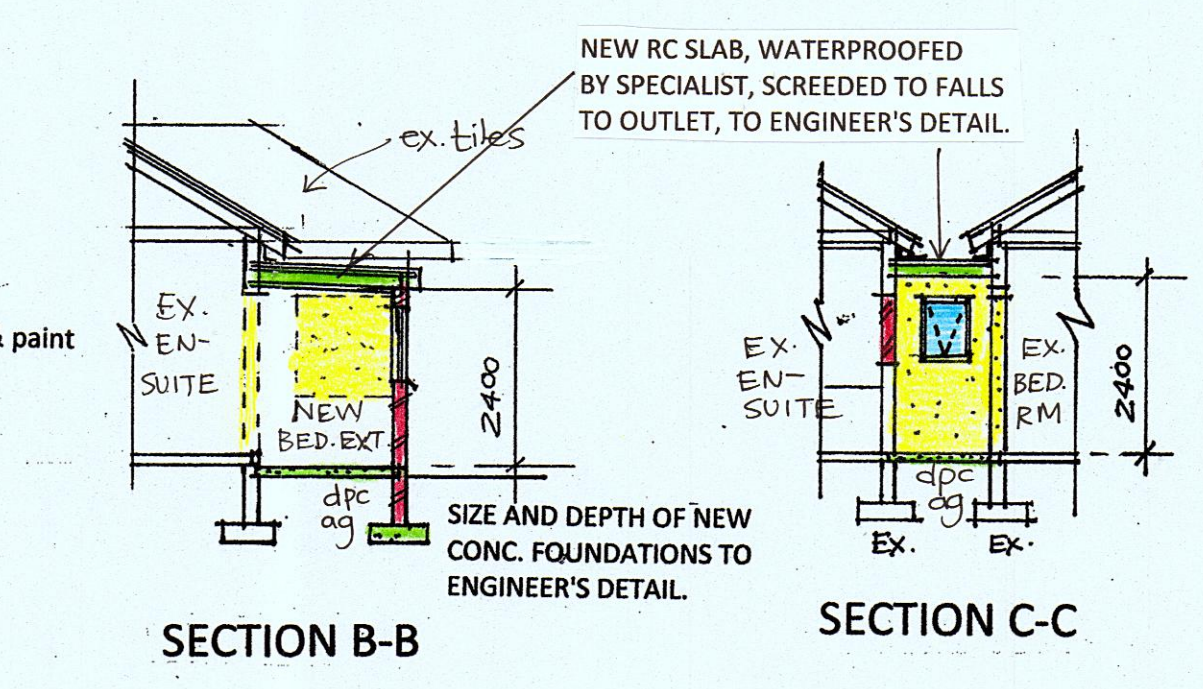
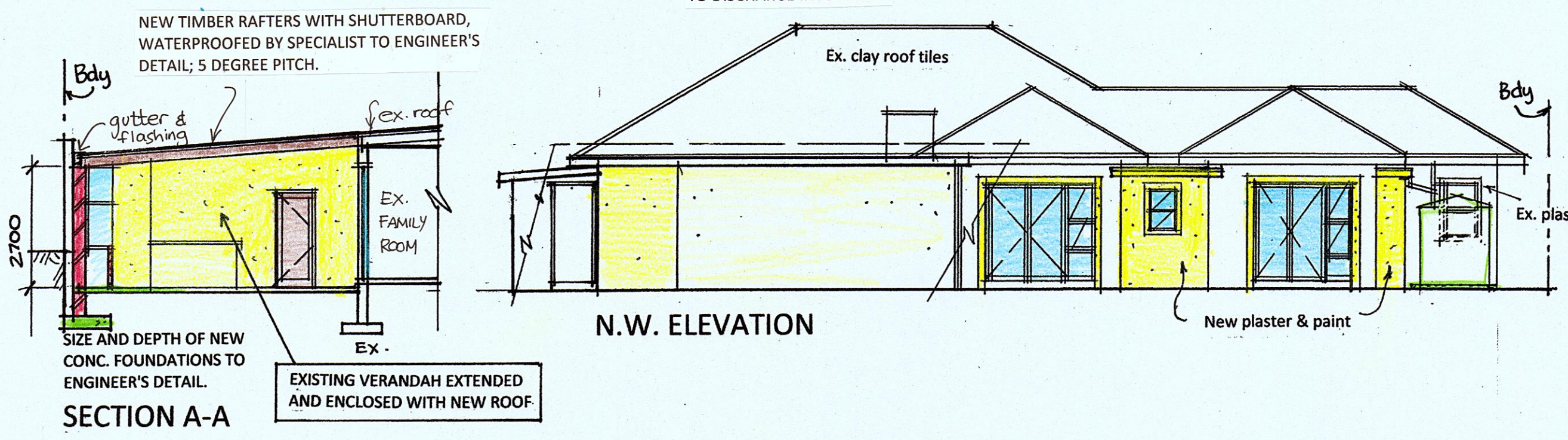
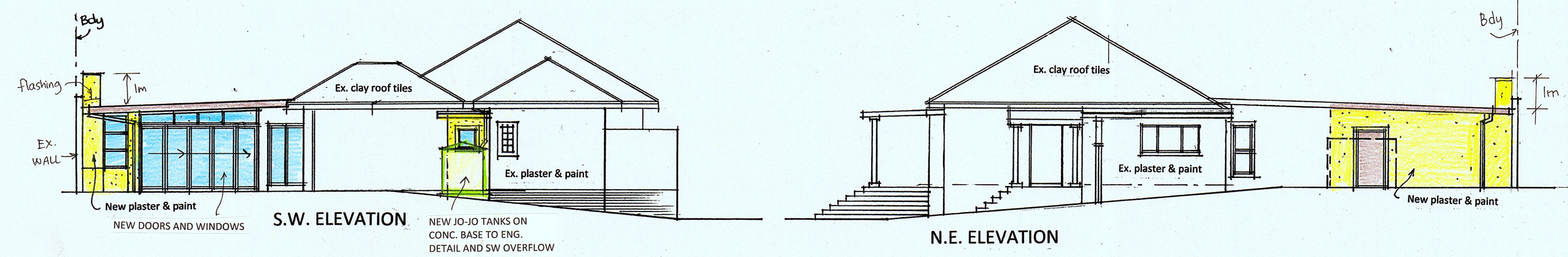
SEWER CONNECTION TO BE EXPOSED BEFORE COMMENCING WORK.

IES TO ALL BENDS AND JUNCTIONS.

SOIL PIPES TO BE 100mm diameter PVC.

WASTE PIPES TO BE 50mm diameter PVC.

SEWER PIPES UNDER BUILDING TO BE 100mm diameter UPVC RIBBED PIPE.



| Window/door type | w1 | w2 | w3 | D1 | D2 | D3 | D4 |
|------------------|---------------|------------------|-------------------|---------------|---------------|---------------|---------------|
| Glass thickness | 3mm | 4mm | 4mm | 4mm | 4mm | 4mm | 5mm |
| Glass type | Mon. annealed | Tough. safety gl | Tough. safety gl. | Tough. Safety | Tough. Safety | Tough. safety | Tough. Safety |

WINDOW AND DOOR SCHEDULE 1:100

SCHEDULE OF AREAS : m2

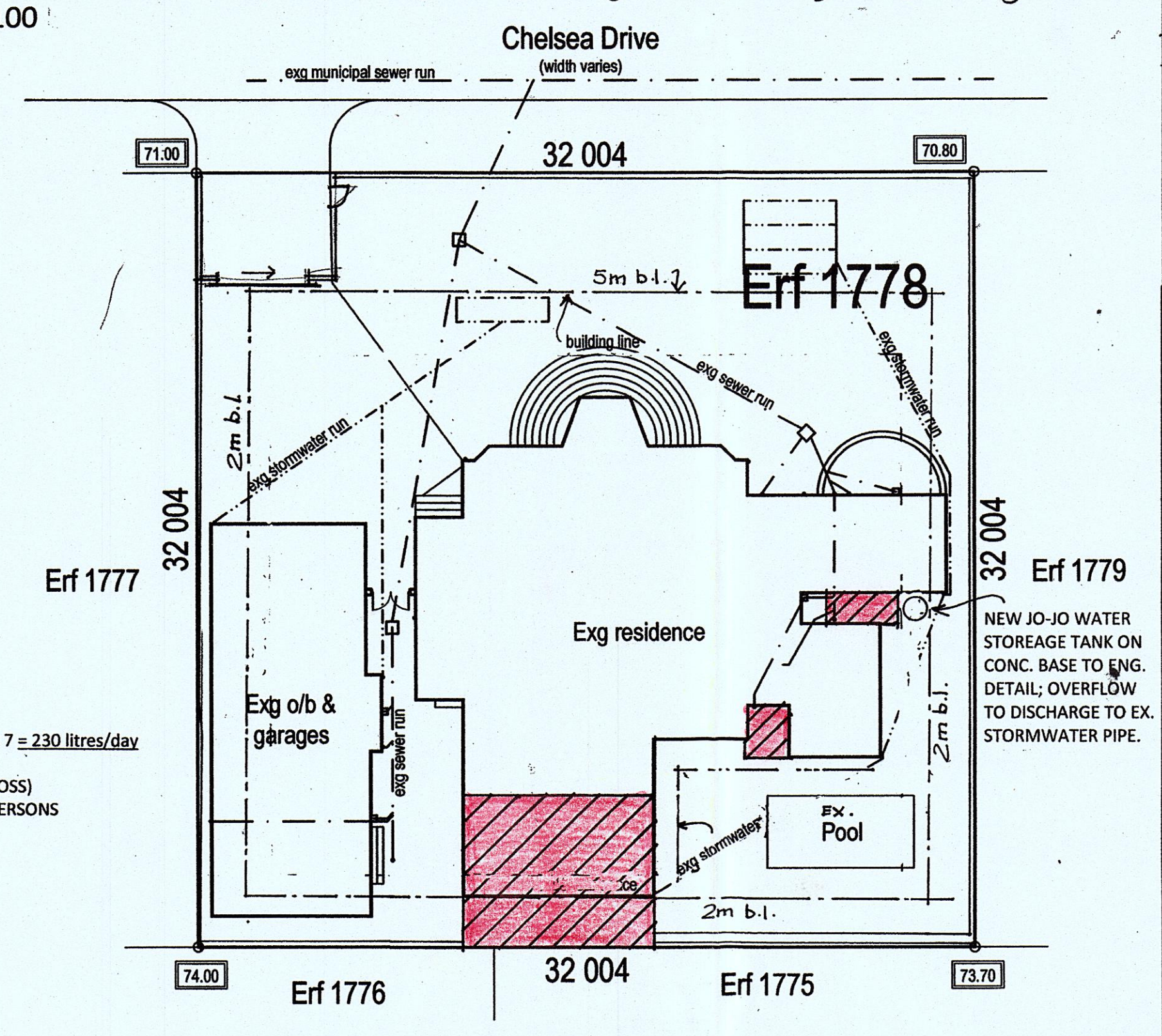
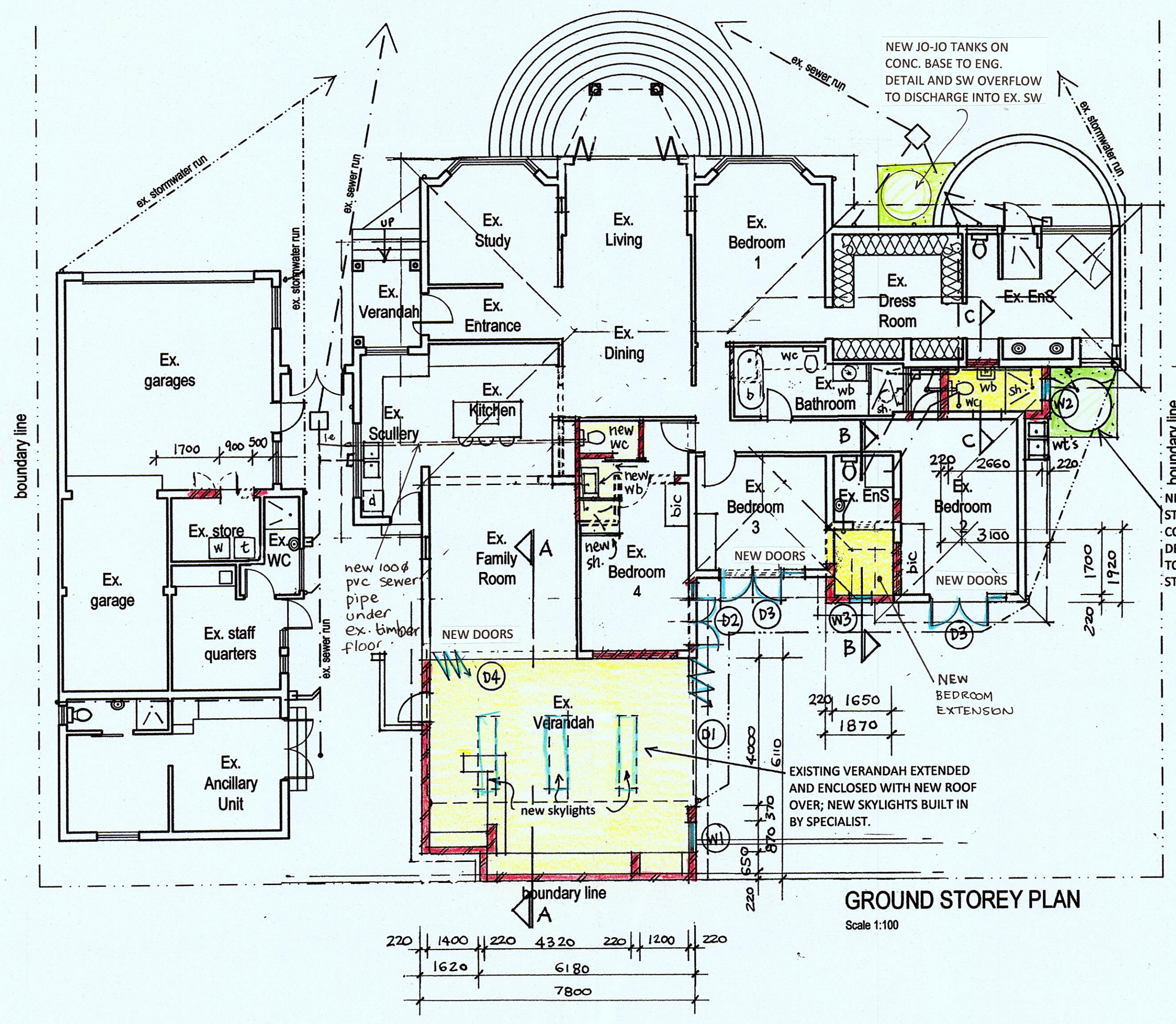
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|------------------------|-------------|
| SITE AREA = | 1024 m2 |
| ALLOWABLE COVERAGE | 512 (50%) |
| ALLOWABLE F.A.R. | n/a |
| EXISTING COVERAGE | 380,27 |
| PROPOSED COVERAGE | 54,8 |
| NEW TOTAL COVERAGE | 435,07 |
| AVAILABLE COVERAGE | 76,93 |
| EXISTING F.A.R. | 322,7 |
| PROPOSED F.A.R. | 54,8 |
| NEW TOTAL F.A.R. | 377,5 |
| AVAILABLE F.A.R. | n/a |
| NEW AREAS: | |
| NEW VERANDAH ENCLOSURE | 46,6 |
| NEW EN-SUITE BATHROOM | 4,71 |
| NEW BEDROOM EXTENSION | 3,59 |
| TOTAL | 54,8 |

WATER RETICULATION MAIN DWELLING :

| | |
|---|--|
| CLASS OF OCCUPANCY | H4 |
| DESIGN POPULATION | 8 PERSONS |
| HOT WATER DEMAND | 115 litres/person/day x 7 = 230 litres/day |
| HOT WATER STORAGE VOLUME AT 60 DEGREES C (20% HEAT LOSS) | |
| HOT WATER STORAGE | 40 LITRES/CAPITA x 8 PERSONS = 320 litres |
| 20% HEAT LOSS ALLOWANCE | 80 litres |
| HOT WATER STORAGE REQUIRED AT 60 DEGREES C | = 320L + 80L = 400L |

POWER REQUIRED TO HEAT VOLUME OF WATER REQUIRED :
HOT WATER STORAGE REQUIRED AT 60 deg C = 400L
 $Q = (M \times C \times \Delta T) / t$
 $Q = (0,40 \times 1.16 \text{ kWh/m}^3 \text{ deg C} \times (60 - 20 \text{ deg})) / 2,5 \text{ h}$
 $Q = 7,4 \text{ kW}$

NOTE - SUPPLY OF WATER TO COMPLY WITH SANS 10400 - PART W



Neighbours:
Address: 8 CARDOGAN PLACE, 10 CADOGAN PLACE
Name & ID no. E.M. NEL 510 724 500 1084, L. MACHER 720 210 31 508 3
Phone: 07222 87064, 0824341755
Sign: [Signature]

Drawing No. 01 05 23
PROPOSED ALTERATIONS AND ADDITIONS TO EXISTING DWELLING FOR SEAN AND RAVELLA LAMBERT 85 CHELSEA DRIVE, ERF 1778 DURBAN NORTH
85 Chelsea Drive
Erf 1778
Durban North
Owners Signature: [Signature]
Owner's Phone no: 0826105379

Drawn By: LAUREN HALGRYN
Checked By: MICHELLE VAN BREEMEN
Signed: [Signature]
Date: 06/05/2023
Scales: 1:100 1:200

ARCHITECTURAL PLANS
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