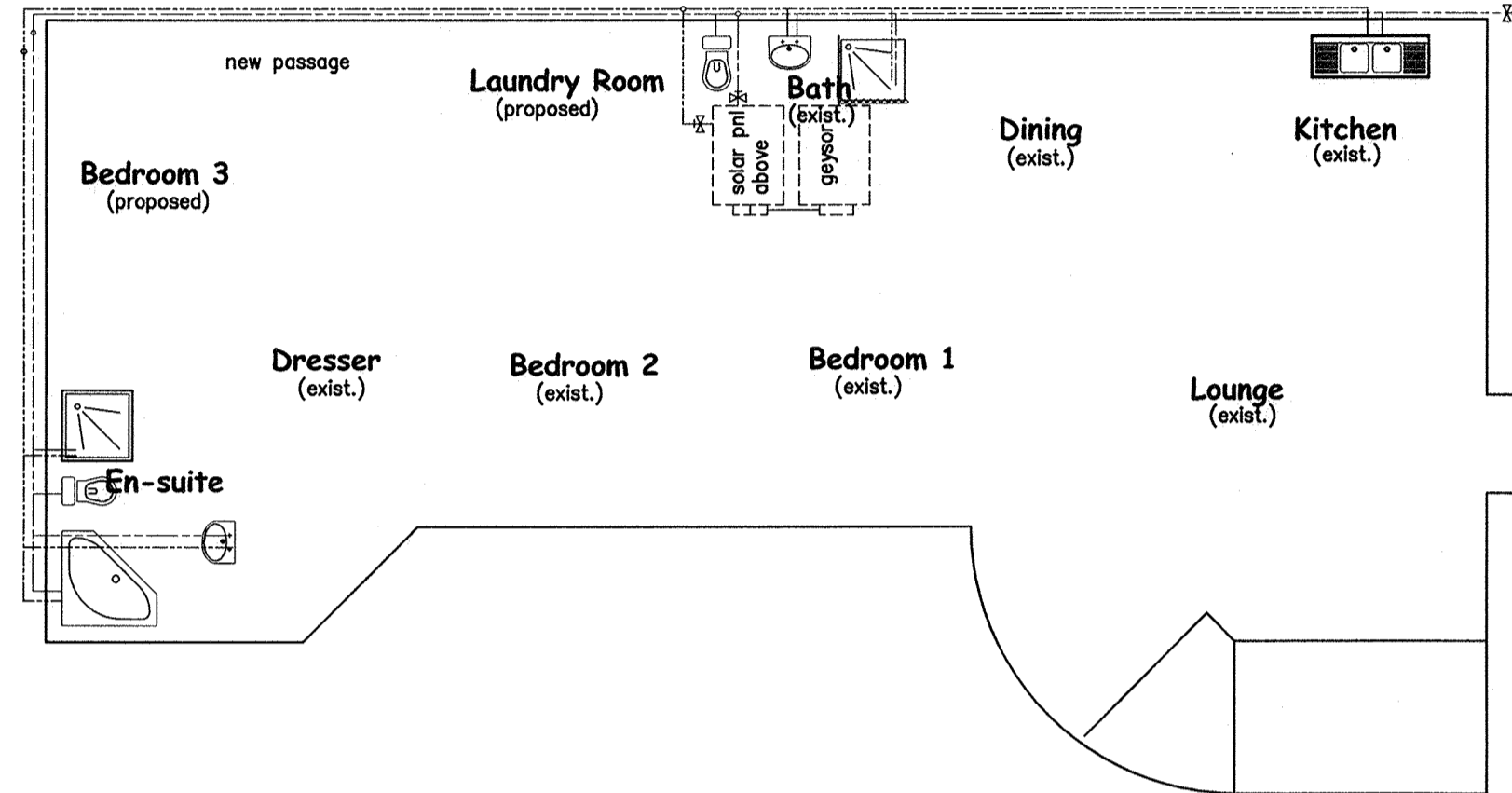


WATER SUPPLY: (MAIN DWELLING)
 ALL HOT WATER PIPES NOT CHASED INTO WALLS OR ENCASE IN FLOOR TO BE INSULATED TO MIN -R VALUE OF 1.
 DOMESTIC RESIDENCE H4 - 4 BEDROOMS
 HOT WATER DEMAND
 2 PERSONS/ BEDROOM
 4 x 2 = 8
 8 x 140L/PERSON = 1120L
 1120L WILL BE THE DEMAND FOR A 24hr PERIOD.

A20 CLASSIFICATION : H4:
 A21 OCCUPANCY : 2 PERSONS/BEDROOM
 TYPE OF HOT WATER GENERATION : SOLAR WITH BACK UP ELEMENT
 HOT WATER DEMAND : 1120L/DAY
 No. OF BEDROOMS : 4
 TOTAL DEMAND : 4 x 2 x 140L = 1120L(50% x A2)
 CAPACITY PROVIDED : 300L

- LOWER GROUND STOREY WATER LAYOUT -
 MAIN DWELLING



- GROUND STOREY WATER LAYOUT -
 MAIN DWELLING

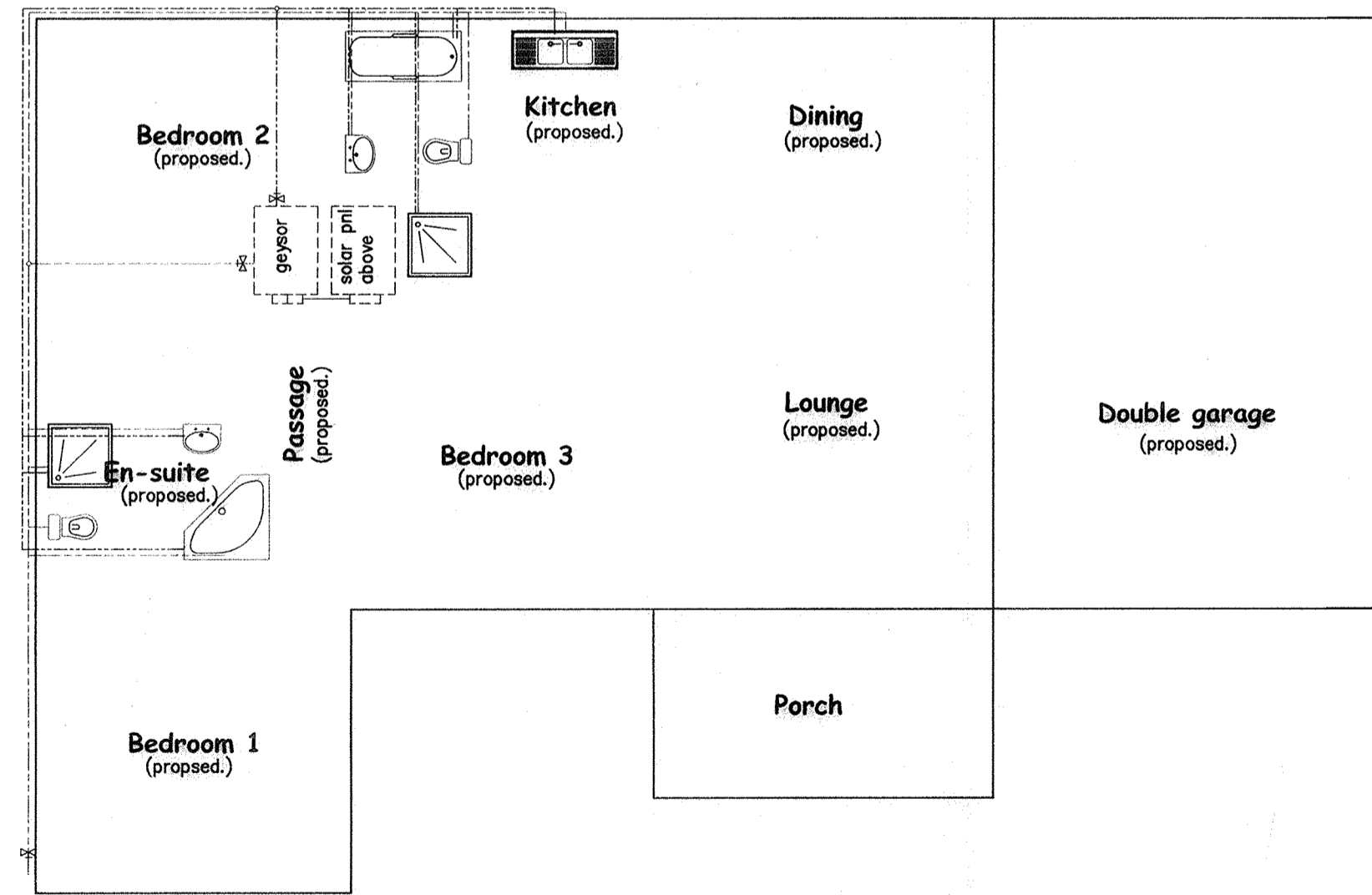
WATER SUPPLY:

WATER METER	LEGEND
COLD WATER STOP COCK	⊠
HOT WATER STOP COCK	⊠
25mm COLD WATER GEYSER PIPE	○
25mm HOT WATER GEYSER PIPE	○
15mm COLD WATER SUPPLY	—
15mm HOT WATER SUPPLY	—

HOT WATER SERVICES:
 A MINIMUM OF 50% (VOLUME) OF ANNUAL AVERAGE HOT WATER REQUIREMENTS TO BE PROVIDED BY MEANS OTHER THAN ELECTRICAL RESISTANCE HEATING EG. SOLAR HEATING, HEAT PUMPS ETC.
 ALL HOT WATER PIPES TO BE CLAD WITH INSULATION WITH A MINIMUM R-VALUE 1.0 FOR PIPES = OR < 80mm
 GEYSOR SIZE 150 LITRE.
 SOLAR INSTALLATION TO COMPLY WITH SANS 1307, SANS 10106, SANS 10254, 10252-1.

GENERAL ENGINEER:
 LINTELS & WALLS TO ENGINEERS SPECIFICATIONS AND TO COMPLY WITH SANS 10400K.
 ROOF TO ENGINEERS SPECIFICATION AND TO COMPLY WITH SANS 10400L.
 ALL FOUNDATIONS & FOOTINGS TO ENGINEER'S DETAIL AND TO COMPLY WITH SANS 10400H.

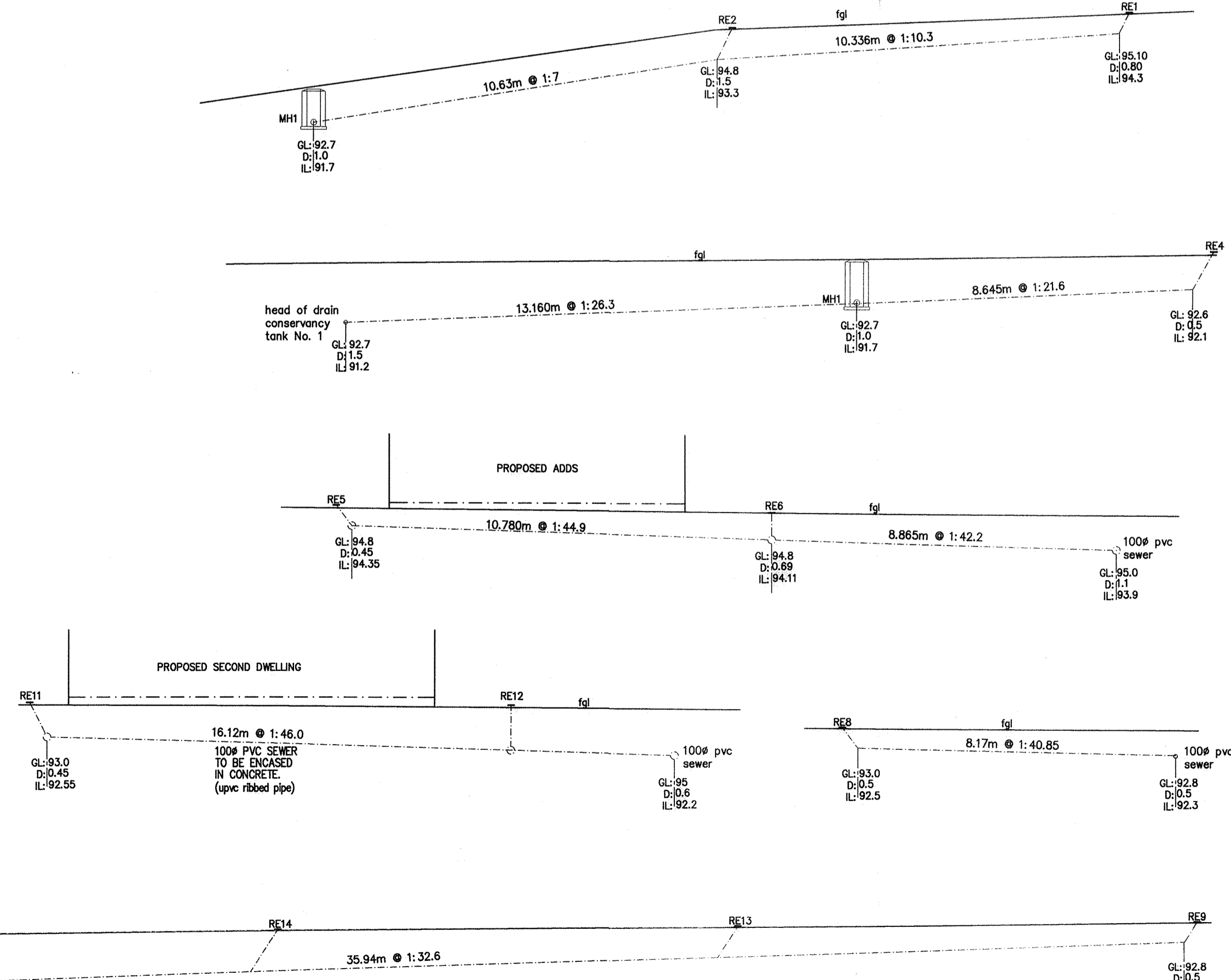
DRIP TRAY TO BE PROVIDED AND TO COMPLY WITH SANS10400. A DISCHARGE PIPE SHALL BE CONNECTED TO THE DISCHARGE CONNECTION OF THE DRIP TRAY AND SHALL LEAD THROUGH AN EXTERNAL WALL IN ORDER TO DISCHARGE ON THE OUTSIDE OF THE BUILDING IN A VISIBLE POSITION.



- GROUND STOREY WATER LAYOUT -
 SECOND DWELLING

WATER SUPPLY: (SECOND DWELLING)
 ALL HOT WATER PIPES NOT CHASED INTO WALLS OR ENCASE IN FLOOR TO BE INSULATED TO MIN -R VALUE OF 1.
 DOMESTIC RESIDENCE H4 - 3 BEDROOMS
 HOT WATER DEMAND
 2 PERSONS/ BEDROOM
 3 x 2 = 6
 6 x 140L/PERSON = 840L
 840L WILL BE THE DEMAND FOR A 24hr PERIOD.

A20 CLASSIFICATION : H4:
 A21 OCCUPANCY : 2 PERSONS/BEDROOM
 TYPE OF HOT WATER GENERATION : SOLAR WITH BACK UP ELEMENT
 HOT WATER DEMAND : 840L/DAY
 No. OF BEDROOMS : 3
 TOTAL DEMAND : 3 x 2 x 140L = 840L(50% x A2)
 CAPACITY PROVIDED : 300L



- SEWER SECTIONS -
 SCALE 1:100

NEIGHBOUR'S CONSENT:

NAME	ADDRESS	LOT No.	SIGNATURE	DATE
K. MUNDLEY	10A GRACE AVE	REK 896 B&G	<i>[Signature]</i>	16/02/2017

OWNER:
 S GANY
 T RAMZAN

PROPOSAL:
 PROPOSED ADDS & ALTS TO MAIN DWELLING, SECOND DWELLING 7 BOUNDARY WALLS @ No.10 GRACE AVENUE, WESTVILLE, ON REM OF ERF 896 WESTVILLE

RATE NO:
 DRAWN:
THE PERFECT PLAN
 46 COLLIER AVENUE
 WIMHLATUZANA TOWNSHIP
 4092
 TEL: 0318223212/0740246492
 SACAP: D1082
 DRAWN: VJEN GOVENDER

SCALE: 1:100
 DATE: 13-12-2016
 DRWG NO: NAD 02112016
 SHEET NO: 4 of 4