

LIST OF DEVIATIONS

1. FIRST STOREY IS TO BE OMITTED.
2. ADD NEW WINDOW.
3. WINDOW TO BE REPLACED.
4. STEEL POSTS TO BE REPLACED BY BRICK PIER.
5. ENTRANCE DOOR TO BE MOVED OVER BY 300mm.
6. STAIRCASE TO BE OMITTED.
7. ROOF PLAN TO BE ADJUSTED TO SUIT GROUND STOREY & TO MATCH ORIGINAL EXG STRUCTURE, PRIOR TO APPROVED PLAN NO. 2303 0034
8. EXISTING BOARDROOM TO BECOME ABUCTIONS & PRAYER ROOM.
9. EXISTING ABUCTIONS TO BECOME NEW KITCHENETTE.
10. INTERNAL ALTERATIONS ARE TO BE AS PER PLAN.
11. WINDOW TO BE RE-POSITIONED.
12. EASTERN BOUNDARY WALL TO BE RAISED IN HEIGHT.
13. PEDESTRIAN ENTRANCE TO BE BROCKED UP.
14. NE BOUNDARY WALL TO BE RAISED IN HEIGHT.
15. GATE TO BE MADE TO FIT NEW HEIGHT OF PIERS.
16. W/O1, W/O3, W/O4 TO BE FIXED FULL PANE WINDOWS WITH A MINIMUM THICKNESS OF 6mm, AND FIXED ON ALL 4 SIDES TO MATCH THE ORIGINAL HOUSE PRIOR TO PLAN APPLICATION NO. CE 2303 0034
17. FIT NEW ALUMINIUM FRAMED DOORS WITH SIDELIGHTS

ROOF PLAN SCALE 1/100

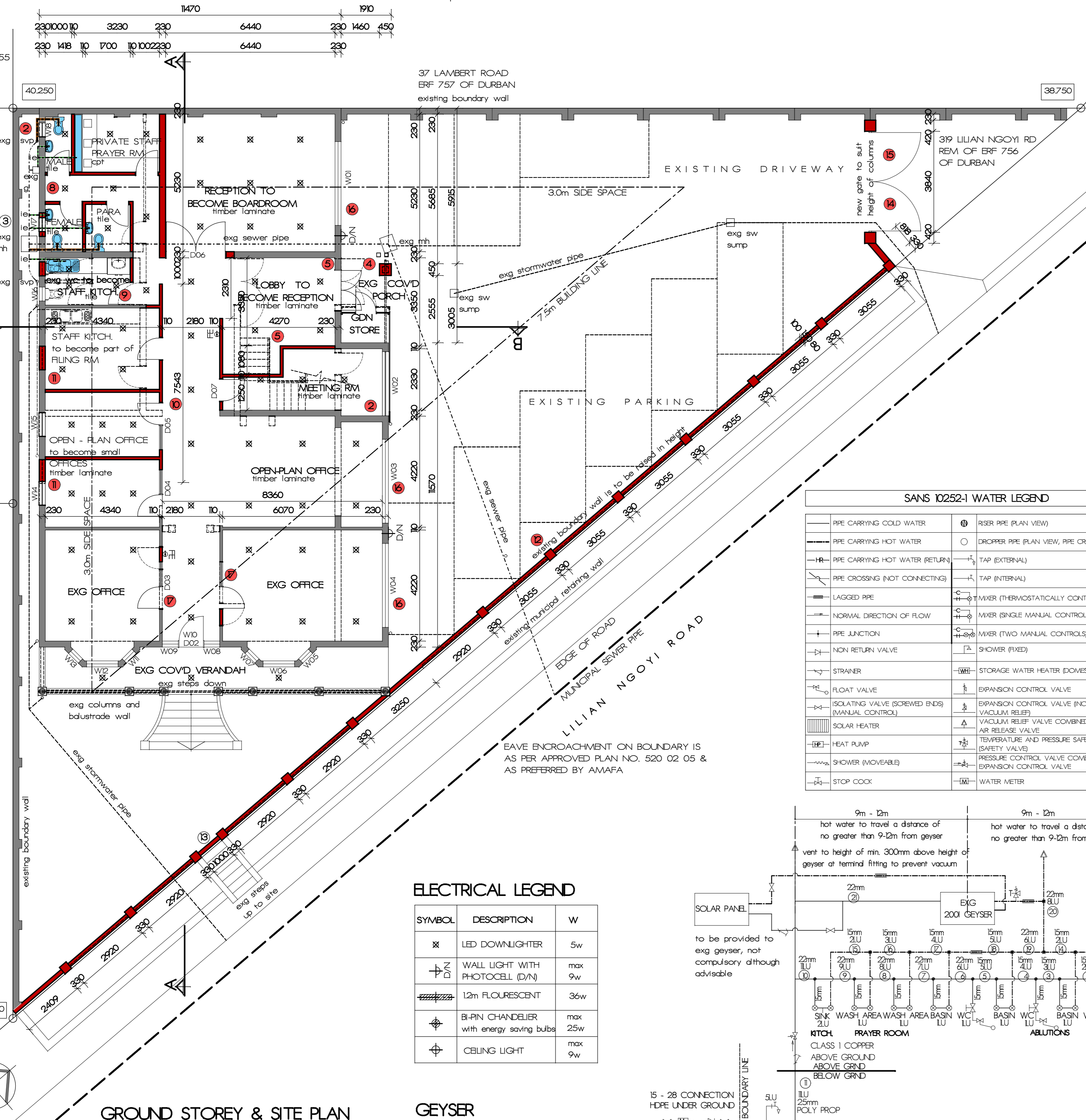
SCHEDULE OF AREAS

EXISTING GROUND STOREY HOUSE	259.24msq	ZONING	CC1
VERANDAH	20.64msq	OCCUPANCY CLASSIFICATION	RESIDENTIAL
PORCH	6.16msq	SITE AREA	692.00msq
TOTAL EXISTING AREA	286.04msq	COVERAGE ALLOWED (50%)	346.00msq
NO ADDITIONAL AREA		COVERAGE EXISTING	286.04msq
PARKING BAYS PROVIDED:	10 BAYS EXG	COVERAGE PROPOSED	259.24msq
		COVERAGE TOTAL	259.24msq
		COVERAGE REMAINING	63.36msq

ANNUAL ENERGY DEMAND & CONSUMPTION

TYPE OF LIGHT	WATTAGE/FITTING	NO. OF LIGHTS	TOTAL WATTS/ITEM	HRS USED/DAY	TOTAL DEMAND/DAY	TOTAL HRS/YEAR
LED DOWNLIGHTER	5W	55	275W	6hrs/day	1650hrs	600600 Wh/req
WALL LIGHT DN	9W	2	18W	8hrs/day	144hrs	5246 Wh/req
TOTAL ENERGY CONSUMPTION - GROUND STOREY			293W			65306 Wh/req

STOREY	AREA	TOTAL WATTS/ITEM	MAX ANNUAL DEMAND ALLOWED	ACTUAL ANNUAL DEMAND	TOTAL KW/HRS/YEAR	MAX TOTAL KW/HRS/YEAR ALLOWED	ACTUAL TOTAL KW/HRS/YEAR
GROUND STOREY	243.35msq	293W	46V/msq	12.04V/msq	653.06Wh/req	93Wh/req	26.83 kWh/req/yr

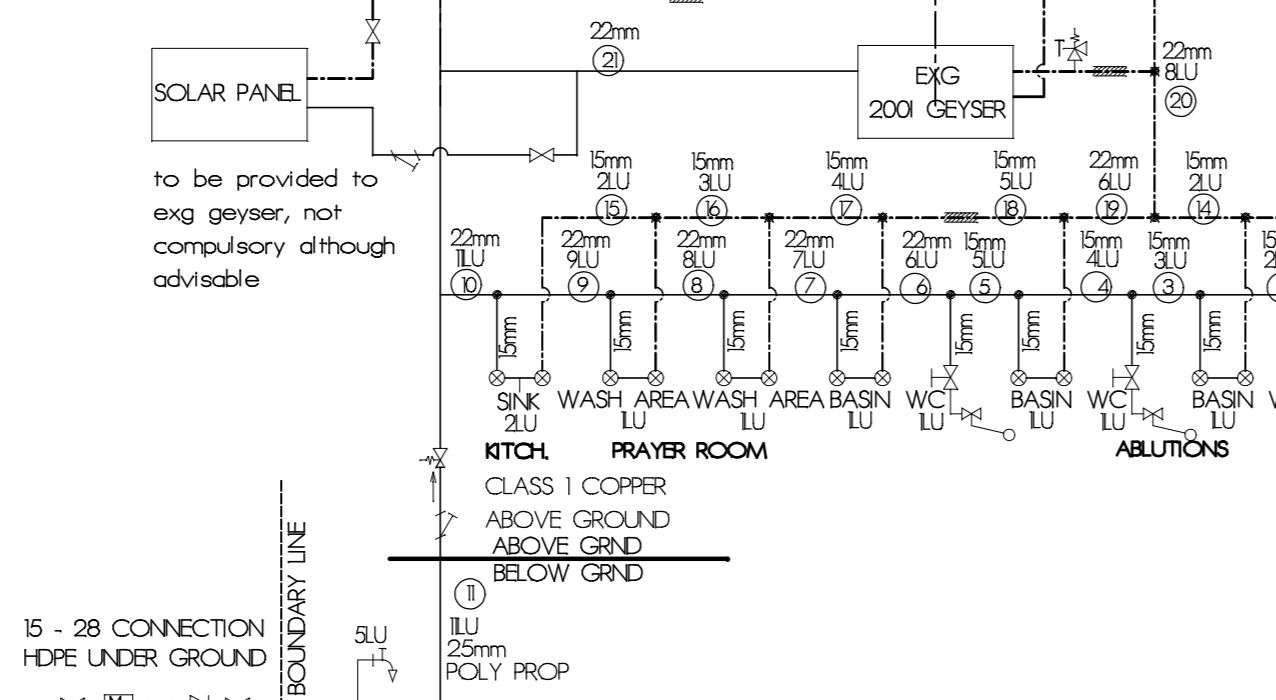


ELECTRICAL LEGEND

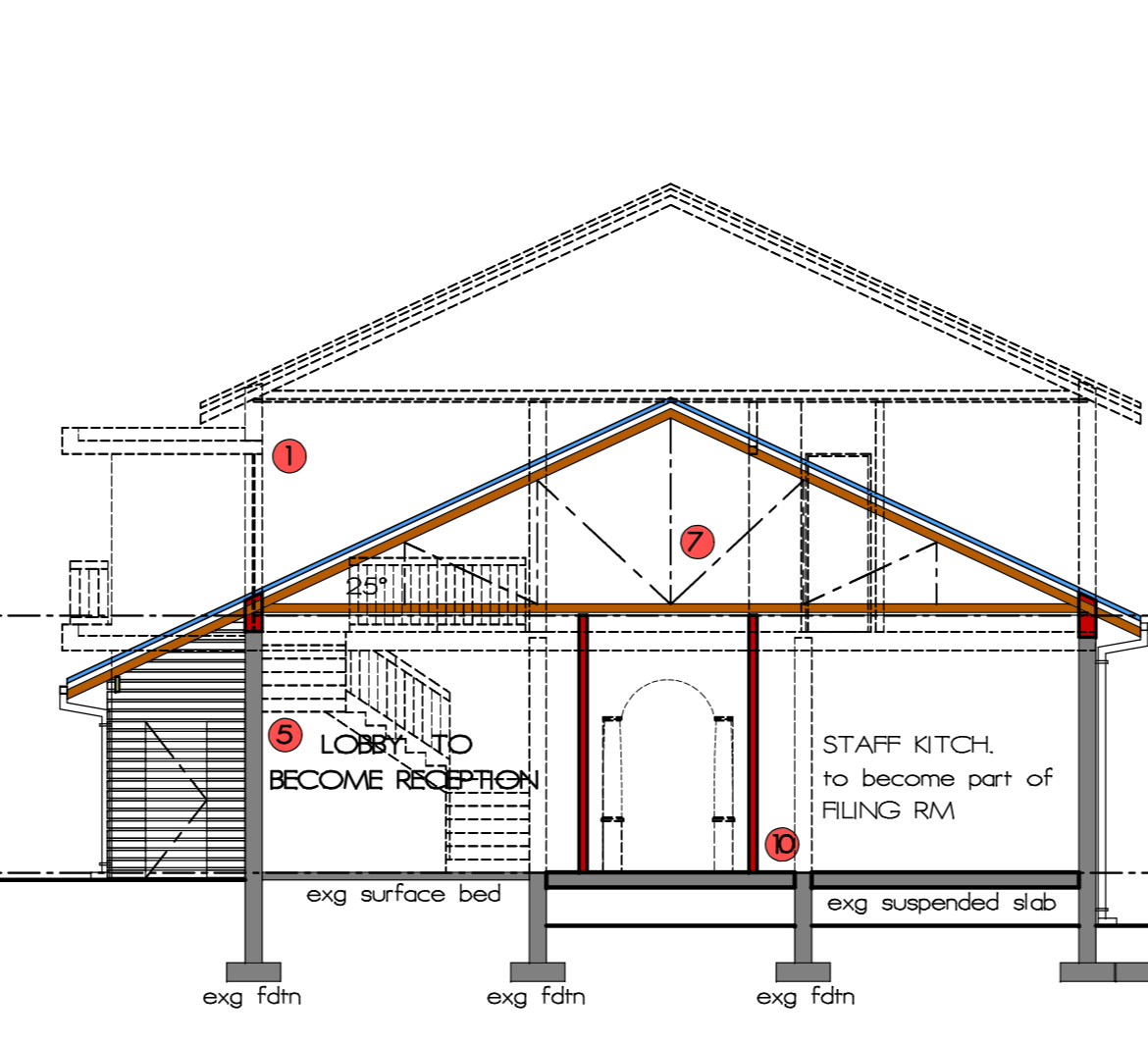
SYMBOL	DESCRIPTION	W
(Symbol)	LED DOWNLIGHTER	5w
(Symbol)	WALL LIGHT WITH PHOTOCELL EVN	max 9w
(Symbol)	12m FLUORESCENT	36w
(Symbol)	5.1m CHANDELER with energy saving bulbs	max 25w
(Symbol)	CEILING LIGHT	max 9w

GEYSER

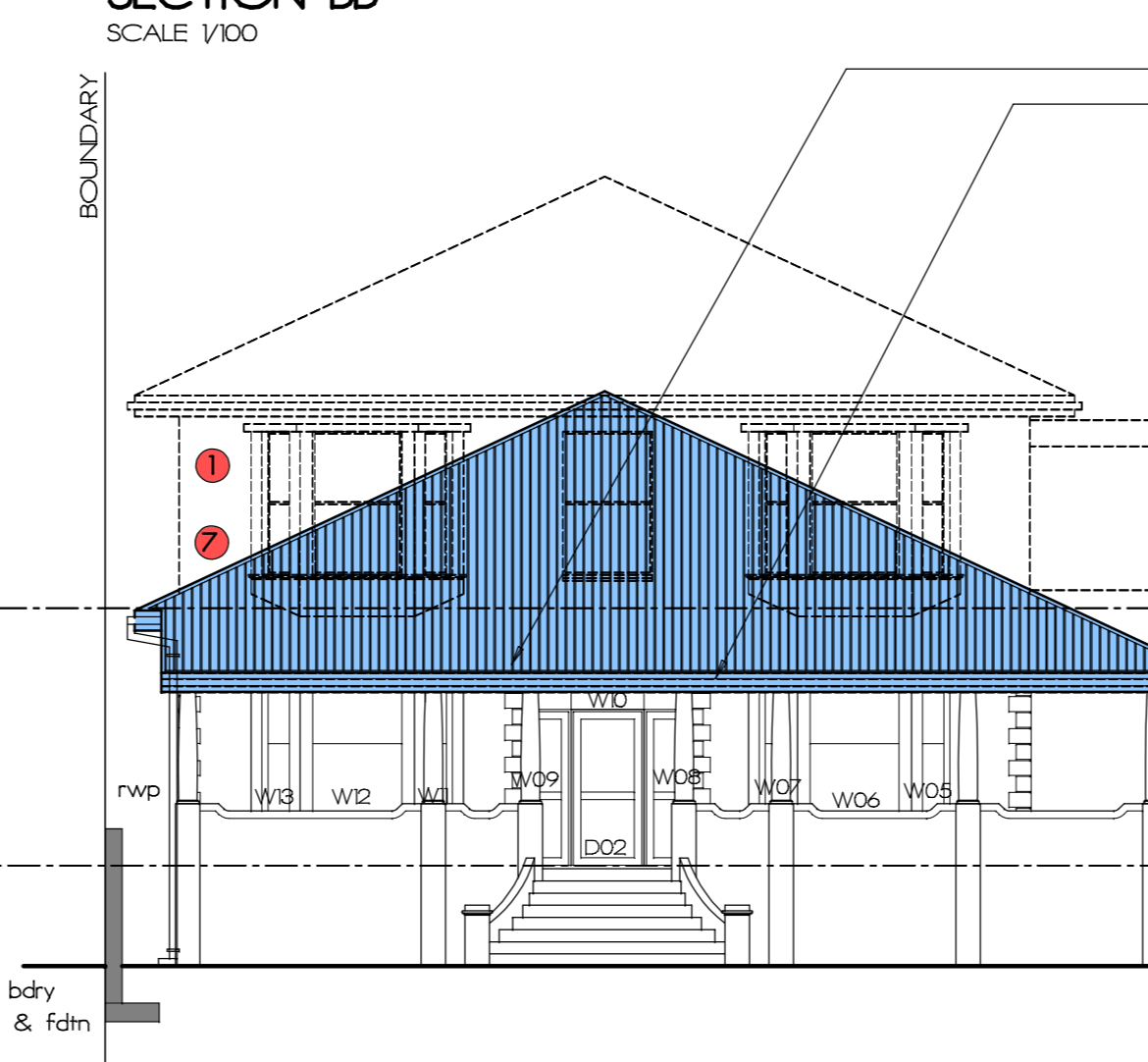
existing geyser to be re-used
provide blanket to existing geyser
client to consider solar power and/or heat pump to heat existing geyser.



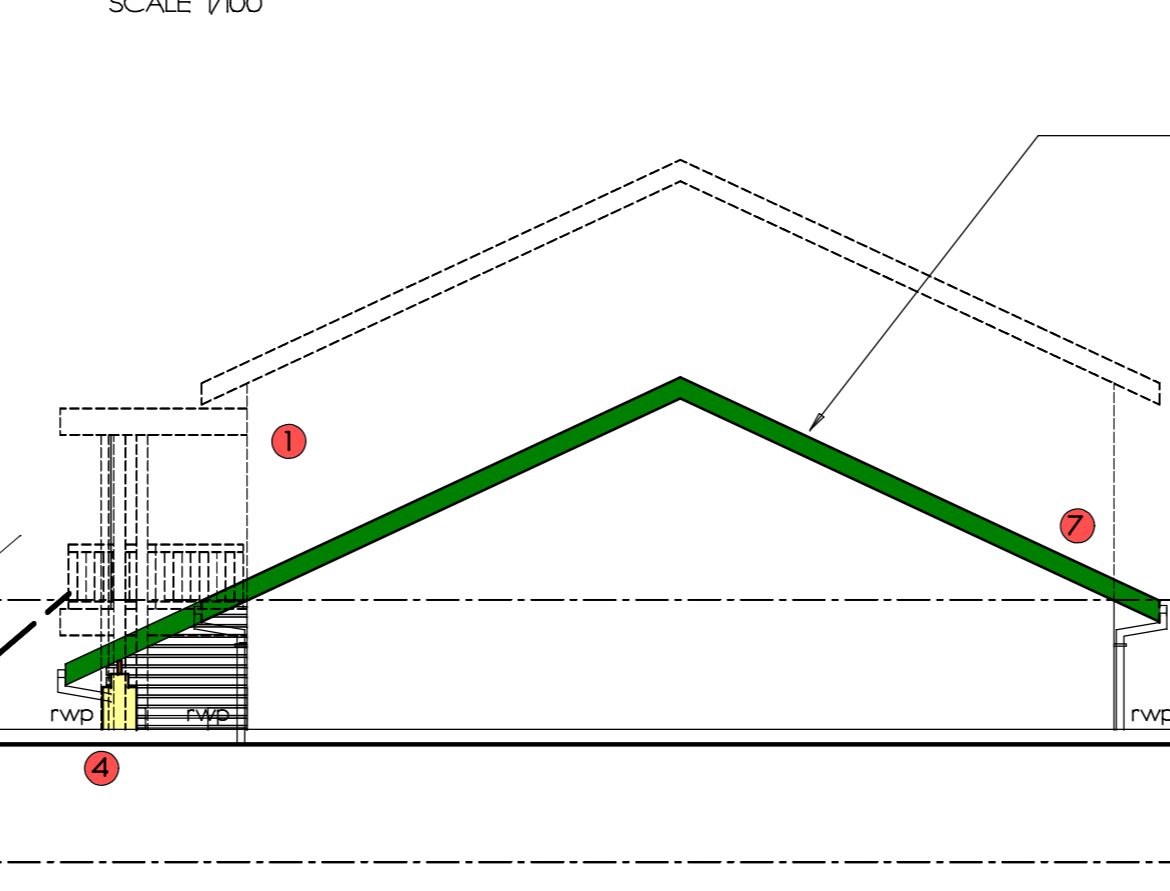
SCHMATIC WATER RETICULATION SYSTEM



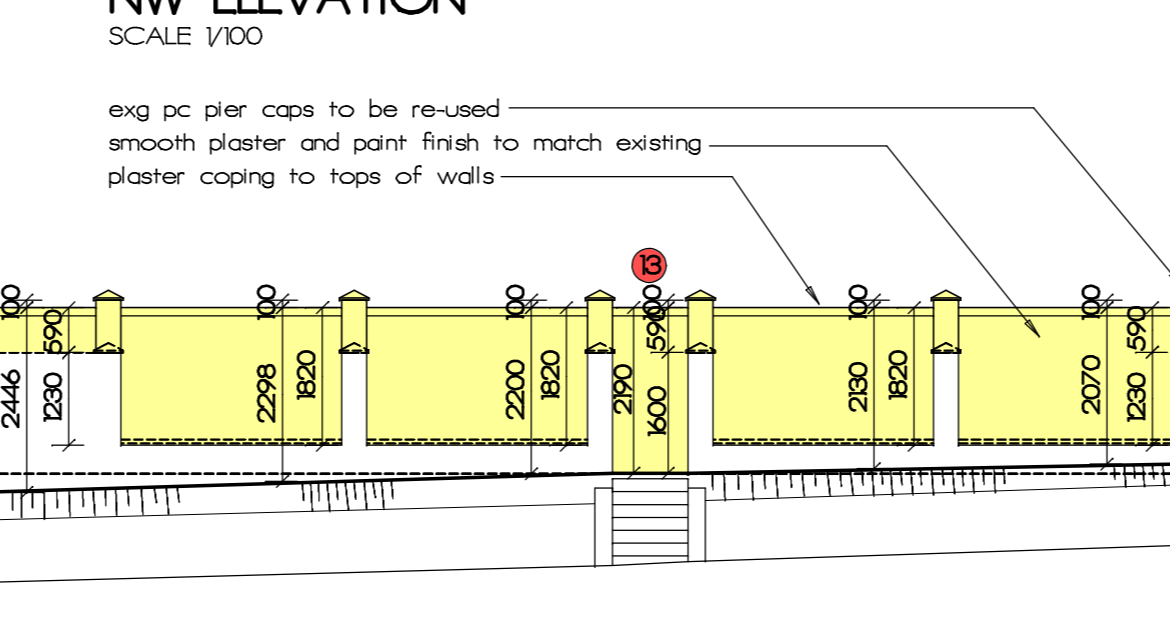
SECTION BB SCALE 1/100



SE ELEVATION SCALE 1/100



NW ELEVATION SCALE 1/100



EAST BOUNDARY WALL ELEVATION SCALE 1/100

GLAZING SCHEDULE

Window/door number	W/O2	W/O5	W/O7, W/O8	D07	D03, D04, D05, D08	D06
Frame material	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM
Frame type	AWNING	AWNING AND FIXED	AWNING	FIXED	FIXED	FIXED
glazing material	MONOLITHIC ANNEALED GLASS	MONOLITHIC ANNEALED GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS	TOUGHENED SAFETY GLASS
no. of sides supported	ALL SIDES	ALL SIDES	ALL SIDES	ALL SIDES	ALL SIDES	ALL SIDES
glazing pane thickness	4mm	4mm	4mm	4mm	4mm	4mm
glazing pane max. area	15m ²	15m ²	3.0m ²	3.0m ²	3.0m ²	3.0m ²

GENERAL NOTES

All work to comply with SANS 10400.
Contractor to check all dimensions and levels (checked and dated) before the relevant work is placed in hand and report any discrepancies to the DESIGNER/OWNER immediately.
All written dimensions to be taken in preference to scaling.
Any discrepancies and omissions are to be brought to the DESIGNER/OWNER'S attention immediately.
The contractor is to inspect the official approved copies of the drawings to ensure that all amendments have been taken into account.
The attention of the owner is drawn to the fact that changes to the plan and/or specification after official approval is likely to invalidate that approval.
All existing work to be made good if affected by new work.

drainage notes

A MINIMUM OF 450mm OF COVER TO BE MAINTAINED OVER ALL DRAINAGE PIPES AT ALL TIMES.
POSITIONS AND LEVELS OF EXISTING SEWER PIPES ARE TO BE DETERMINED AND VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK.
RES &/OR MFS ARE TO BE PROVIDED AT ALL JUNCTIONS.
RES &/OR MFS ARE TO BE PROVIDED AT ALL CHANGES IN DIRECTION OF SEWER DRAINAGE PIPES.
ANY ALL DAMAGED FITTINGS ARE TO BE REPLACED.
ALL GULLY SURROUNDS & MANHOLE COVERS ARE TO BE 75mm ABOVE GROUND LEVEL.
ALL SEWER DRAINAGE PIPES BELOW HARDENED SURFACES ARE TO BE 100mm UPVC RIBBED PIPE AND ARE TO BE BROCKED OVER BENEATH ALL WALLS & TO BE ENCASED IN CONCRETE BENEATH ALL HARDENED SURFACES.
ALL SVPS ARE TO EXTEND BEYOND ROOF SPACE AND VENT TO OPEN AIR.

ARTIFICIAL LIGHTING

LIGHTING REQUIREMENTS TO COMPLY WITH SABS 094.
MINIMUM 100 LUX.
MAXIMUM GLARE INDEX 22.

ARTIFICIAL VENTILATION

VENTILATION REQUIREMENTS TO COMPLY WITH NBR.
FRESH AIR TO BE SUPPLIED AT RATE OF 7.5 LITRES/SECOND.
AIR MUST BE UNIFORMLY DISTRIBUTED THROUGHOUT AND THE VELOCITY MUST NOT EXCEED 0.5m/s OR BE LESS THAN 0.2m/s.
AIR TO BE EXTRACTED FROM ALL ENCLOSED WCS AT A RATE OF 25 LITRES/SECOND/ROOM.
KITCHEN AREAS-FRESH AIR TO BE SUPPLIED AT A RATE OF 7.5L/s/person IN DINING HALLS, CAFETERIAS ETC AND 50L/s/person IN DWELLINGS.

fenestration

fenestration to be installed in accordance with SANS 10400-N20D.
Floor glass to comply with SANS 50572-VEN 5721 & 5722.
Toughened & Laminated safety glass to comply with SANS 1263-1.
ALL individual panes of safety glazing material to be permanently marked by transfer and a certificate to such effect be issued to the owner on completion of installation.
transfer to issue a certificate on completion of the glazing installation & that the glazing material indicated has been installed in the position indicated and such installation complies with the provisions of SANS 10257.
No charges are to be effected to the size, thickness or type of glazing material without prior approval of the Architectural Professionals, as any such changes may affect the compliance with SANS 10400-N and the National Building Regulations.
ALL frames inclusive of frames and should not be taken as glazing area only.
ALL frameless shower doors in main house to have minimum 10mm toughened safety glass over a maximum glazed area of 2.1msq.

FENESTRATION

WINDOW NO.	WINDOW AREA
W/O1	4.79msq
D01	4.52msq
W/O2	3.66msq
W/O3	4.79msq
W/O4	4.79msq
W/O5	1.06msq
W/O6	2.32msq
W/O7	1.06msq
W/O8	1.27msq
D02	2.07msq
W/O9	1.10msq
W/O10	1.27msq
W/O11	1.06msq
W/O12	2.32msq
W/O13	1.06msq
W/O14	1.44msq
W/O15	1.44msq
W/O16	0.32msq
W/O17	0.32msq
W/O18	0.32msq
W/O19	0.32msq
TOTAL AREA WINDOWS	40.78msq

ROOF ASSEMBLY

ZONE	DIRECTION OF HEAT FLOW	MIN. TOTAL R' VALUE REQD
S1	DOWNWARD	2.7msq/KW

R' VALUE OF PROPOSED ROOF ASSEMBLY - ALUMINIUM ROOF SHEETING

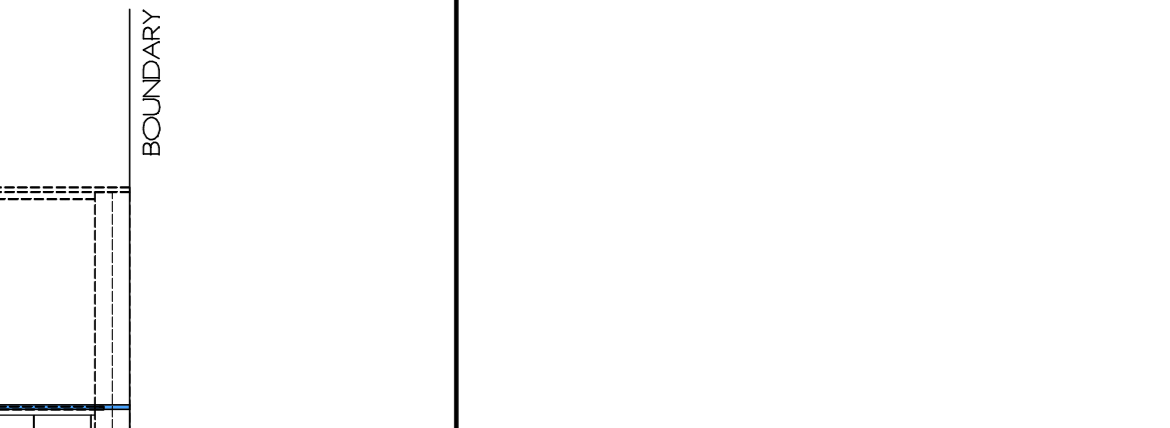
OUTDOOR AIR FILM (Zn/s)	0.05msq/KW
METAL ROOF SHEETING	0.05msq/KW
50mm RIBBONBOARD CEILING	0.06msq/KW
100mm x 12kg FIBRE GLASS BLANKET INSULATION	2.63msq/KW
INDOOR AIR FILM (int)	0.18msq/KW
TOTAL	2.89msq/KW

PART XA - Insulation

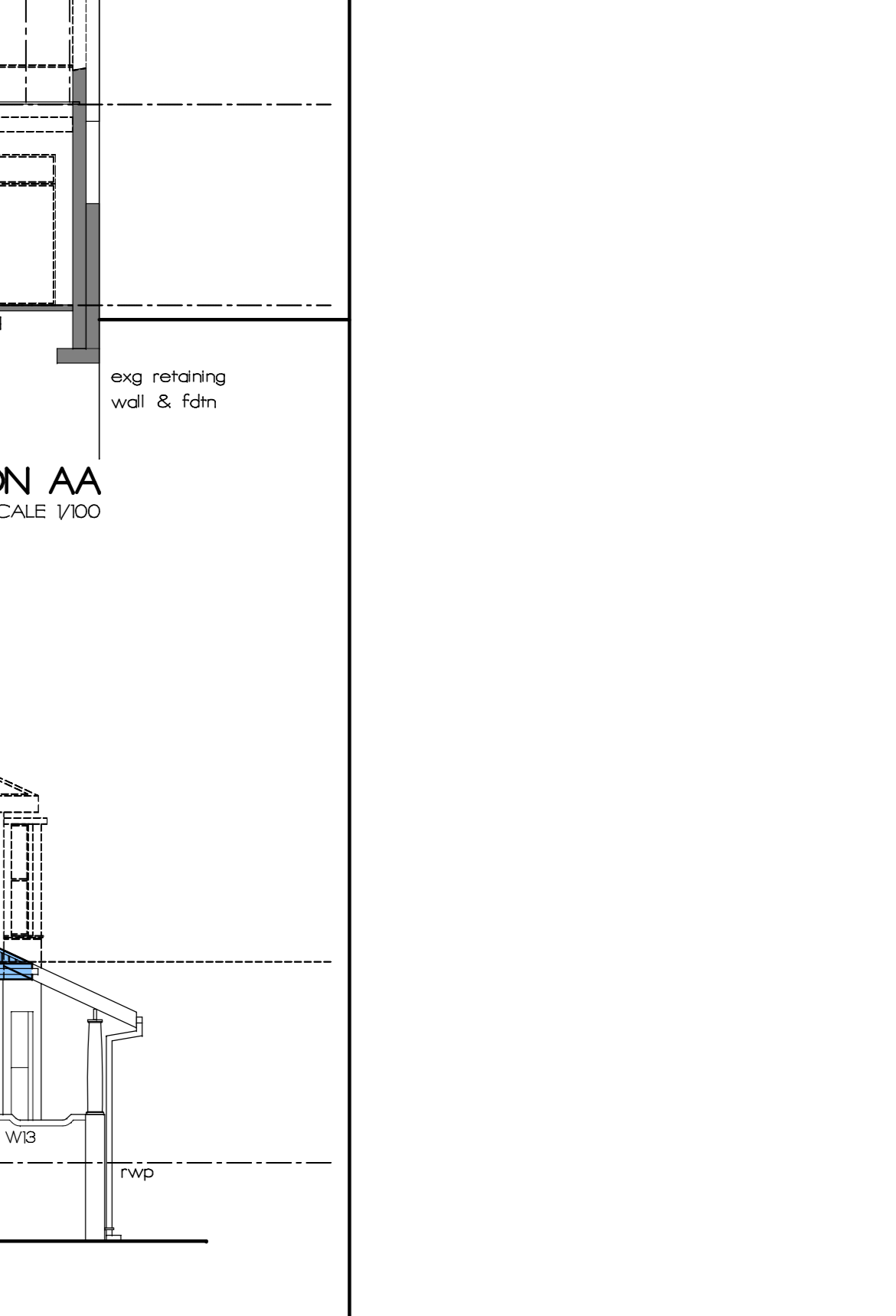
Apply 20mm 'stap-on-stap' on incoming cold water pipes and insulate all outgoing hot water pipes to within 10m of plumbing fixtures.
provide 100mm thick flexible fibre glass blanket with overlaps of minimum 50mm over a wall member or to be tightly fitted against walls thickness of drain to be maintained throughout.

FIRE NOTES

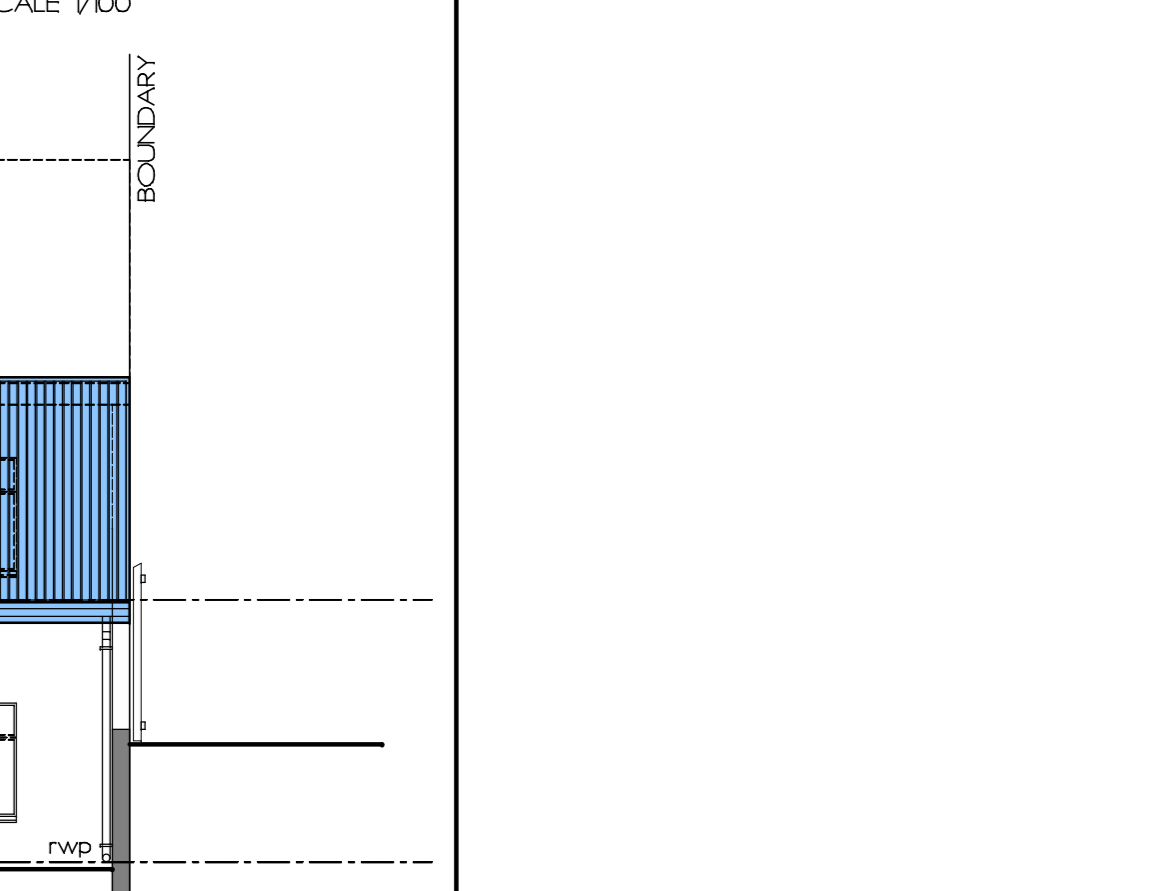
FIRE SAFETY DISTANCES TO COMPLY WITH PART T4.2.
FIRE PERFORMANCE TO COMPLY WITH PART T4.5.
FIRE STABILITY OF STRUCTURAL COMPONENTS TO COMPLY WITH PART T4.2.
ROOF ASSEMBLIES & COVERINGS TO COMPLY WITH PART T4.5.
PROVISION OF ESCAPE ROUTES TO COMPLY WITH PART T4.3.



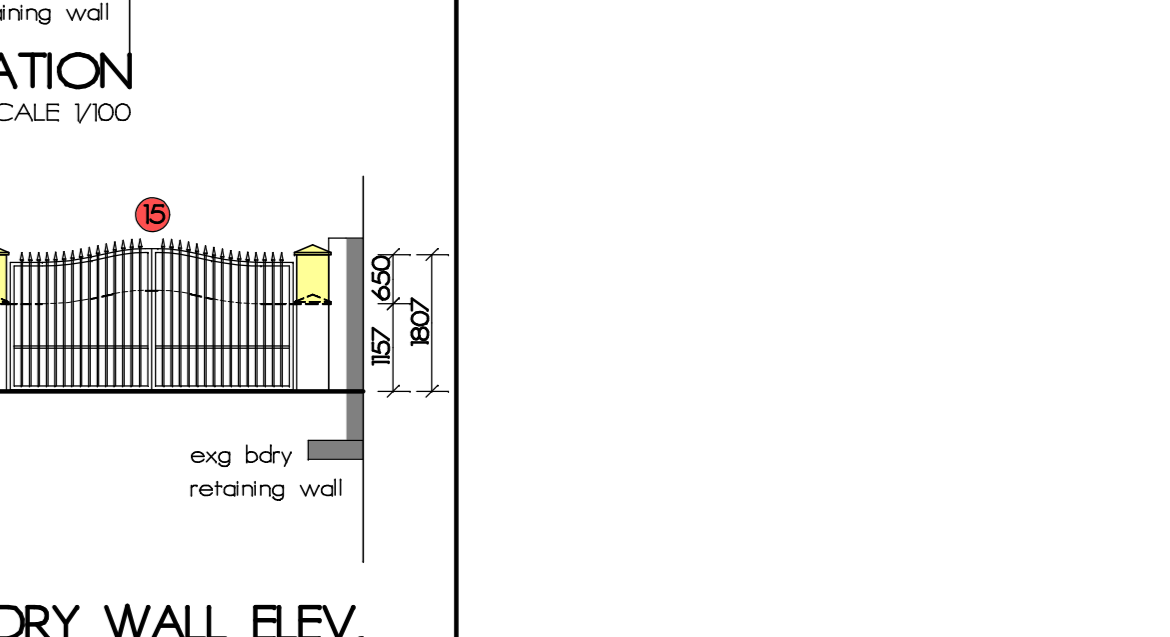
SECTION AA SCALE 1/100



SW ELEVATION SCALE 1/100



NE ELEVATION SCALE 1/100



NE BDRY WALL ELEV. SCALE 1/100

OWNER

BRIGHT THOUGHTS (pty) Ltd
signature: [Signature]
billing no.
project: DEVIATION TO APPROVED PLAN NO. CE 2303 0034
address: 319 LILIAN NGOYI ROAD
cadastral description: REM OF ERF 756 OF DURBAN

DESIGN & DRAWING TECHNOLOGIST

PRINSHARAH TECHNOLOGIST
NOST0229
RISHMADUN
10 LODGE GROVE
OVERPORT
DURBAN
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CELL 0832990646
nafeen@designdrawing.co.za

scale

AS SHOWN
sheet no. V1
job no. n23-05-wd1
date 27.08.2023