

OCCUPANCY CLASS: H4

SCHEDULE OF AREAS:

PROP. FAR:

TOTAL NEW

ALLOWED:

EXISITING:

PROPOSED:

TOTAL:

AREA BREAKDOWN:

laundry

ex. living

PROPOSED BUILT AREA:

total built area:

NEW CARPORT

ex. timber deck

NEW VERANDAH

NEW GARDEN STORE

UPPER GROUND FLOOR:

NEW MASTER BEDROOM

FOR SUBMISSION FEE PURPOSES ONLY

IN HAND:

ALLOWABLE FAR: N/A

EXISTING FAR: 123.3 sqm

LOWER GROUND FLOOR:

ex. garage converted to bike store

ex. verandah converted to enclosed verandah

SITE AREA:

COVERAGE:

SPECIAL RESIDENTIAL 900

1012 sqm

80.5 sqm

203.8 sqm

50% = 506 sqm

14.3% = 145.2 sqm

22.1% = 224.4 sqm

27.9% = 281.6 sqm

354.5

7.8% = 79.2 sqm

GENERAL NOTES:

ALL WORK TO BE IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS. NOTES IN RESPECT OF S.A. STANDARD CODE OF PRACTICE - THE APPLICATION OF THE NATIONAL BUILDING REGULATIONS, SANS 10400.

ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR/SUBCONTRACTOR PRIOR TO CONSTRUCTION.

· ALL DIMENSIONS AND LEVELS ARE TO BE TAKEN IN PREFERENCE TO SCALING OFF.

· DATUM LEVEL TO BE ESTABLISHED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION.

· ALL RETAINING WALLS, PILES, FOOTINGS, SLABS, BEAMS, COLUMNS AND AGRICULTURAL DRAINS TO ENGINEERS DETAILS. DPC TO ALL HORIZONTAL & VERTICAL OPENINGS

FOUNDATIONS TO BE MINIMUM 300mm BELOW NGL SUPPLY ADEQUATE FLASHING TO ALL PARAPET WALLS GLAZING EXCEEDING 1m² OR LESS THAN 500mm FROM FFL TO BE SAFETY

· INTERNAL WALLS - PLASTERED AND PAINTED TO CLIENT'S SPECIFICATIONS.

250mm EXTERNAL CAVITY WALL - PLASTERED AND PAINTED TO ZEMA SPECFICATIONS

SUPPLY 25Ø CONDU IT WITH DRAW WIRE FROM DWELLING TO FRONT BOUNDARY IN POSITION AS REQUIRED BY TELKOM

OCCUPANCY CLASS: H4

STRUCTURE TO COMPLY WITH PART H, J, K, L or N OF SANS 10400:-

· ALL STRUCTURAL WORK TO ENGINEER'S DETAIL TO COMPLY WITH SANS · COLUMNS:- ALL STRUCTURAL COLUMNS BY ENGINEER

PUBLIC SAFETY TO COMPLY WITH SANS 10400 - D:-

BALUSTRADING:- BALUSTRADING ALL TO DETAIL. MIN 1000 HIGH TO COMPLY WITH SANS 10400 - B, SANS 10400 - T, SANS 10400 - K & SANS 10400.

SITE OPERATIONS TO COMPLY WITH SANS 10400 - F:-

FOUNDATIONS TO COMPLY WITH SANS 10400 - H:-

 NEW REINFORCED CONCRETE FOUNDATIONS TO STRUCTURAL ENGINEER'S DETAIL.

FLOORS TO COMPLY WITH SANS 10400 - J:-

FINISH AS PER SPECIFICATIONS ON POWERFLOATED CONCRETE

SURFACE BED TO ENG. SPECIFICATION · CONCRETE SURFACE BED WITH BRC MESH ON 250 MICRON GUNPLAS GREEN UNDERLAY ON WELL COMPACTED AND POISONED SOIL. SOIL POISONING BY SPECIALIST TO LOCAL AUTHORITY'S REQUIREMENTS.

DAMP PROOF MEMBRANE TO BE WELL LAPPED TO BRICK WALL DPC · DPC TO BE MIN 150mm ABOVE NGL. · ALL SUSPENDED REINFORCED CONCRETE SLABS BY ENGINEER.

WALLS TO COMPLY WITH SANS 10400 - K:-

EXTERNAL WALLS - IMPERIAL BRICK. PLASTER AND PAINT FINISH WITH

INTERNAL WALLS - IMPERIAL BRICK. PLASTER AND PAINT FINISH.

INSULATION IN WALLS TO COMPLY WITH SANS 10400 WHERE REQUIRED. ALL TO SPECIALIST DETAIL.

RETAINING WALLS - TO ENGINEER'S DETAIL - TO BE DRAINED WITH AGRICULTURAL DRAIN CONNECTED TO STORMWATER MANAGEMENT SYSTEM. BRICKFORCE IN EVERY COURSE FOR MIN 5 COURSES ABOVE LINTOLS. CONTINUOUS DPC AND ANT GUARD AT SLAB LEVEL AND AT WINDOW CILLS AS REQUIRED BY THE LOCAL AUTHORITY AND IN ACCORDANCE WITH

GALVANISED WIRE TIES OR EQUAL TO BE BUILT INTO ALL EXTERNAL WALLS AT 800 CENTRES HORIZONTALLY AND EVERY 6TH COURSE VERTICALLY.

ROOF TO COMPLY WITH SANS 10400 - L:-

NBR AND WINDOW SYSTEMS.

· FLAT ROOF - 19mm STONE CHIP ON DERBIGUM SP4 TORCH FUSED WITH 75mm SIDE & 100mm END LAPS. STONE COLOUR TO BE CONFIRMED. ALL PROJECTIONS THROUGH THE ROOF AND EDGES MUST BE PROTECTED & TO

CONFORM TO SANS 10400. KLIPLOK O.E.A ZINCALUM ROOF SHEETING ON 75x50mm PURLINS ON SISALATION ON PURLINS TO SUIT AT MAX 1100mm C/C.

INTERNAL CEILINGS:- 9.2mm GYPSUM PLASTERBOARD WITH 6mm SKIM. SKIM SOFFITS TO RC SLABS

ALL CEILINGS TO COMPLY WITH T13 STAIRWAYS TO COMPLY WITH SANS 10400 - M:-

STAIRS TO COMPLY FULLY WITH SANS 10400

GLAZING TO COMPLY WITH SANS 10400 - N:-

WINDOWS:- ALL NEW WINDOWS TO BE POWDER COATED ALUMINIUM

SECTIONS, GLAZING TO COMPLY WITH PART N SANS 10400. CLEAR GLAZING THROUGHOUT.

SAFETY GLASS TO WINDOWS AND DOORS TO COMPLY WITH SANS 10400

LIGHTING & VENTILATION TO COMPLY WITH SANS 10400 - O.

LIGHTING:-· ALL AREAS TO BE ARTIFICIALLY LIT.

TOILETS:-

ARTIFICIALLY LIT MINIMUM 160 LUX MECHANICALLY VENTILATED EXTRACTION TO BE MINIMUM

20L/SEC/FITMENT

DRAINAGE TO COMPLY WITH SANS 10400 - P

TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.

TO BE FITTED WITH A 64mm RE-SEAL TRAP. EXCEEDING 2500mm TO JUNCTION, TO BE FITTED WITH ANTI-SIPHON

TO CONNECT TO STACK INDEPENDENTLY ALL SANITARY FITTINGS:- TO BE TRAPPED IN ACCORDANCE WITH LOCAL

AUTHORITY REGULATIONS.

INSPECTION EYES:- TO BE FITTED TO ALL BENDS AND JUNCTIONS AND TO

BE MARKED AT GROUND LEVEL. RODDING EYES:- TO BE PROVIDED AT ALL BENDS AND JUNCTIONS OF

SOIL AND WASTE PIPES. · ALL SOIL PIPES TO BE MIN 100mmØ.

ALL SOIL VENTILATION PIPES (SVP) MUST BE TAKEN TO A MINIMUM

HEIGHT OF 1800mm ABOVE THE NEAREST ADJACENT WINDOW HEAD. AND 100mm ABOVE THE CLOSEST PART OF THE ROOF COVERING IT PASSES THROUGH

· VENT STACKS TO COMPLY WITH **SANS 10400** · ALL VENT VALVES TO BE 2 WAY VENT VALVES

WHERE A DRAIN PASSES UNDER A BUILDING IT MUST BE HIGH DENSITY PVC ENCASED IN 150mm CONCRETE ALL ROUND AND MUST BE IN A STRAIGHT RUN UNDER THE BUILDING WITH NO BENDS OR JUNCTIONS AND MUST HAVE IE'S AT EACH END AT A MINIMUM OF 600mm BEYOND THE BUILDING. WHERE A DRAIN PASSES UNDER A TRAFFICABLE AREA IT MUST BE HIGH

DENSITY PVC ENCASED IN 150mm CONCRETE ALL ROUND. WHERE THE VERTICAL DROP FROM SOIL FITTINGS TO THE MAIN DRAIN EXCEEDS 1200mm, THESE FITTINGS ARE TO BE ANTI-SYPHON FITTED. ACCESS PANELS TO BE FITTED TO ALL DUCTS & TO HAVE A 2 HOUR FIRE

STORMWATER TO COMPLY WITH SANS 10400 - R:-

RAINWATER GOODS:- R.C. BALCONY SLABS TO BE FITTED WITH FULLBORE DRAINAGE FITTINGS AND CONNECTED TO 100mmØ RWDP'S

SERVICE PIPES, CONDUITS, AND SLEEVES TO COMPLY WITH T41.

FIRE PROTECTION TO COMPLY WITH SANS 10400 - T

· SAFETY DISTANCES TO COMPLY WITH T2. · ALL MATERIALS TO COMPLY WITH T5

ROOF ASSEMBLIES AND COVERINGS TO COMPLY WITH T12.

· ALL CEILINGS TO COMPLY WITH T13. ALL FLOOR COVERINGS TO COMPLY WITH T14. · ALL WALL FINISHES TO COMPLY WITH T15.

GARAGE DOOR IS TO BE A 2HOUR FIRE RATED SOLID TIMBER DOOR. FIRE INSTALLATION TO COMPLY WITH SANS 10400 - W:-

OWNER: LEIMAN

ARCHITECT: PAUL NEL **REG NO: 6490**

THE SOUTH AFRICAN COUNCIL FOR THE ARCHITECTURAL PROFESSION

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DRAWING NO.

LA 001

ADDITIONS & ALTERATIONS FOR MR. D LEIMAN, AT 39 MARYLAND AVENUE, GLENASHLEY, DURBAN, ERF 192

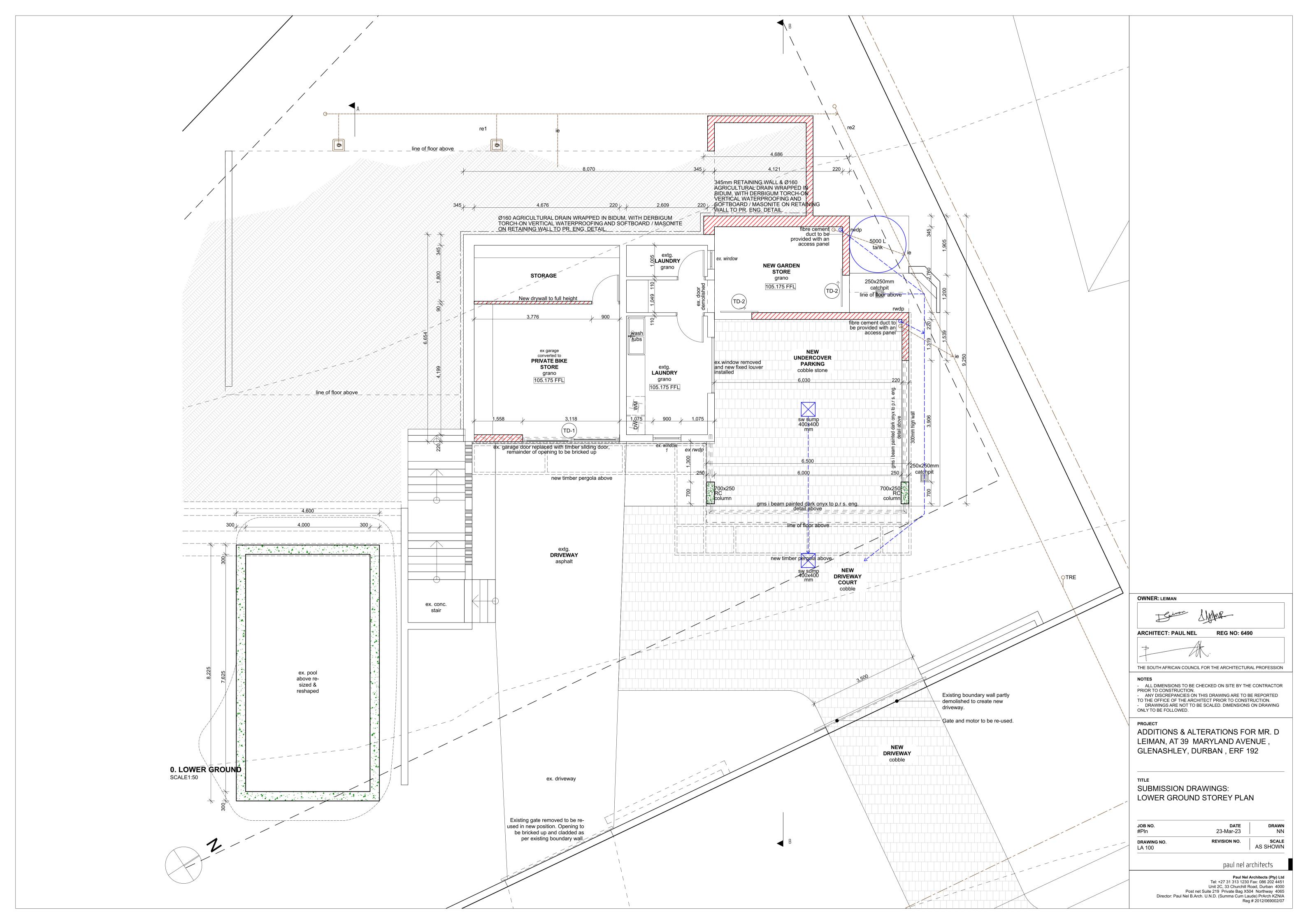
SUBMISSION DRAWINGS: SITE PLAN & LOWER GROUND FLOOR

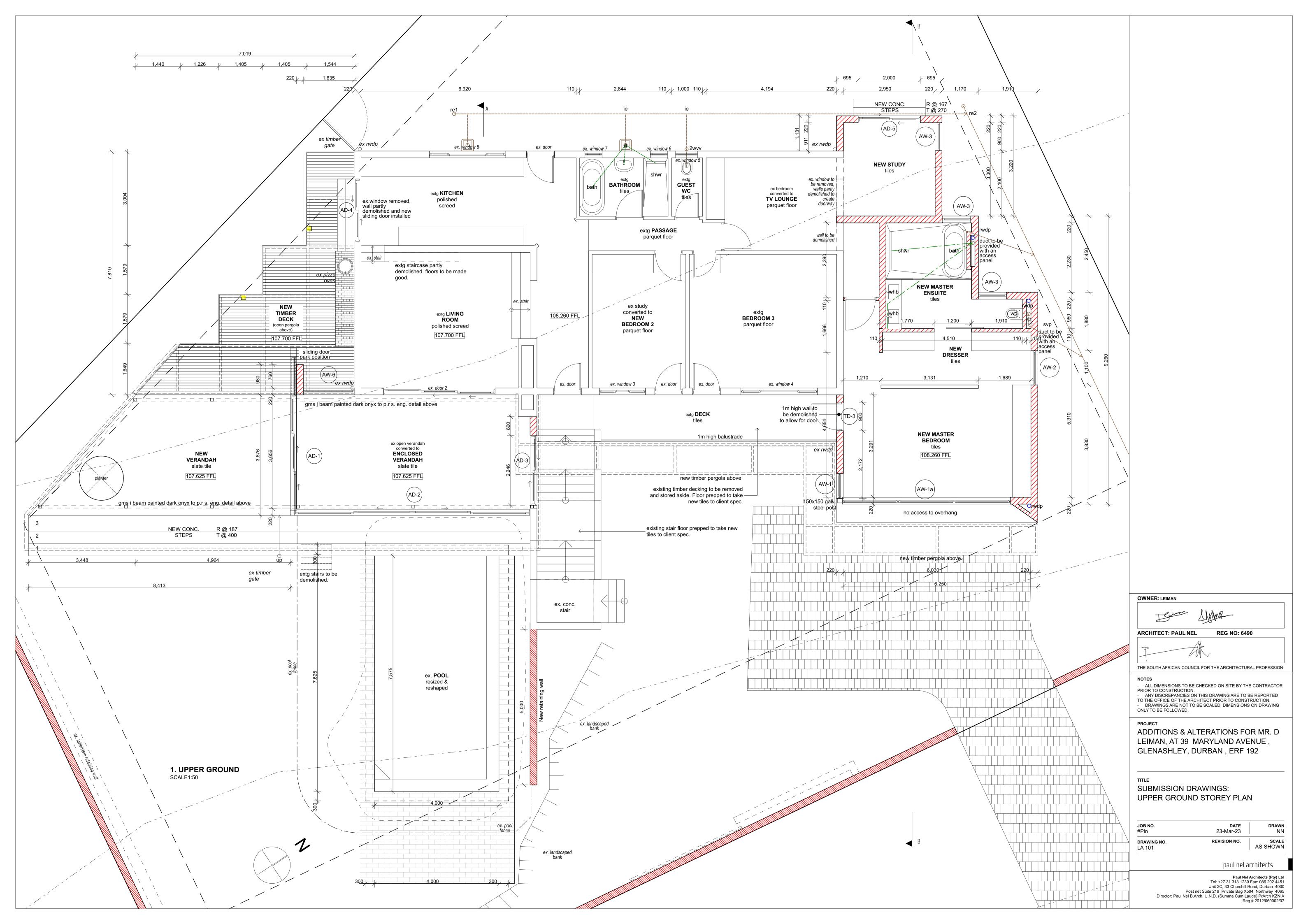
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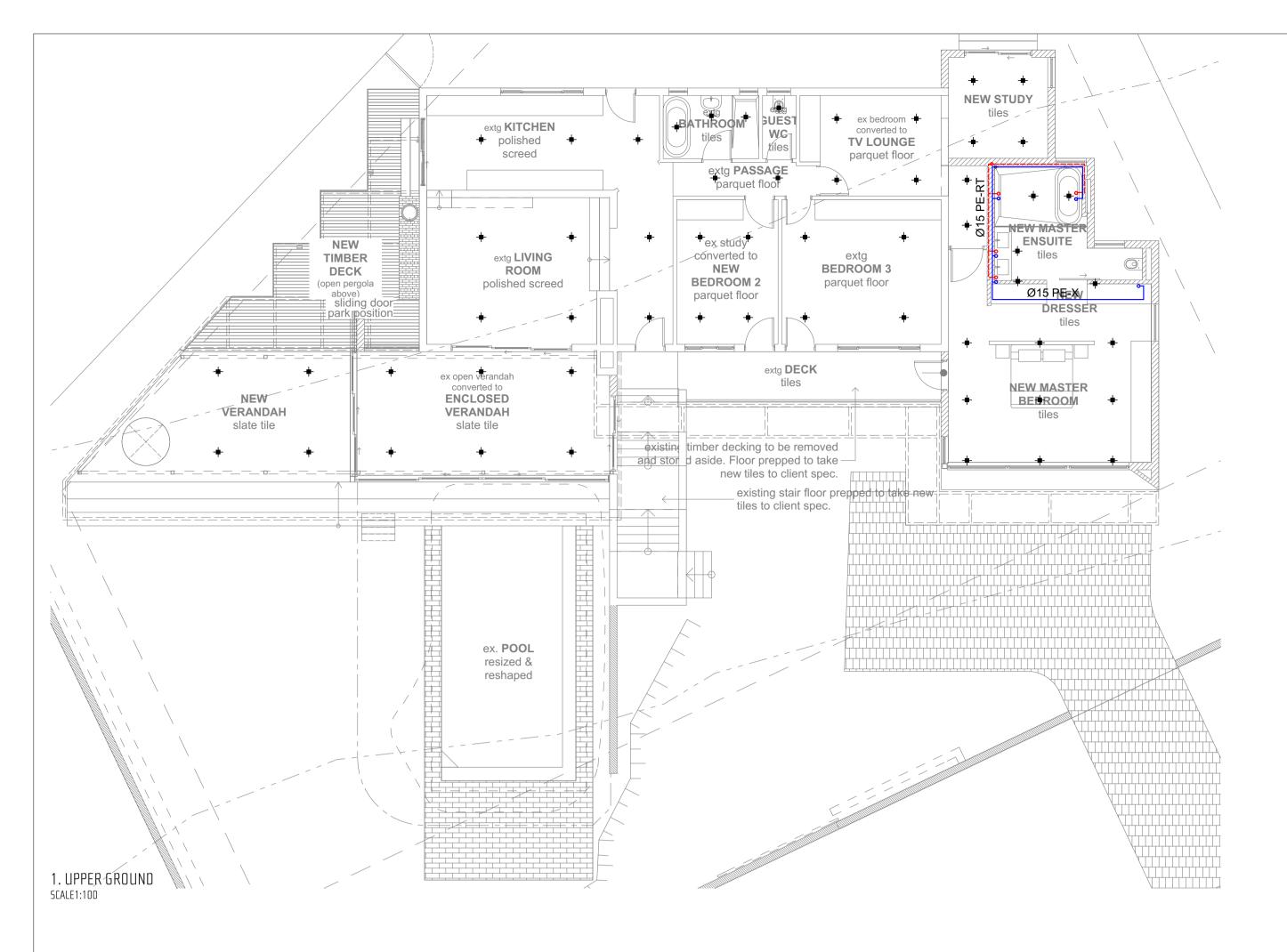
paul nel architects

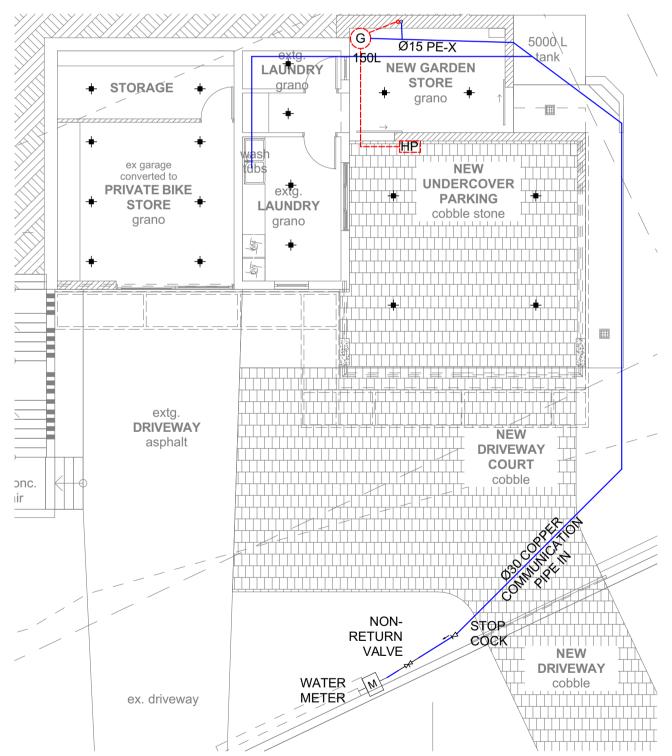
AS SHOWN

Tel: +27 31 313 1230 Fax: 086 202 4451 Unit 2C, 33 Churchill Road, Durban 4000 Post net Suite 219 Private Bag X504 Northway 4065 Director: Paul Nel B.Arch. U.N.D. (Summa Cum Laude) PrArch KZNIA Reg # 2012/069002/07









O. LOWER GROUND SCALE1:100

- RISER PIPE
- → VACUUM RELIEF VALVE→ AIR RELEASE VALVE
- ---- ISOLATING VALVE
- → NON-RETURN VALVE
- → PRESSURE REDUCING VALVE
 → STOP COCK
- → STORAGE WATER HEATER

 → WATER METER
- SAFETY VALVE
- FLOAT VALVE
- STRAINER
- TAP EXTERNAL
- TAP INTERNAL
 SHOWER FIXED
- → SHOWER MOVABLE

 MIXER SINGLE MANUAL CONTROL
- MIXER TWO MANUAL CONTROLS
- PE-X CROSS-LINKED POLY-ETHYLENE PIPE (COLD WATER)
 PE-RT POLY-ETHYLENE RAISED TEMPERATURE PIPE (HOT WATER)

WATER RETICULATION NOTES:

 ALL HOT WATER SERVICE PIPES SHALL BE CLAD WITH INSULATION TO THE R-VALUE OF 1.
 ENSURE THAT THE WC IS THE LAST POINT

RECIEVING COLD WATER ON THE PLUMBING

- 3. 20Ø PE-X HOT WATER DROPPER FROM GEYSER. REDUCE TO 20Ø AT TERMINAL FITTING (WHB,SH,WC), BATH REMAIN AT 20Ø.
- 4. 20Ø PE-X COLD WATER DROPPER PIPE. REDUCE TO 15Ø AT TERMINAL FITTING (WHB,SH,WC), BATH REMAIN AT 20Ø.
- 40Ø PVC DISCHARGE PIPE FROM DRIP TRAY/ 20Ø PE-X DISCHARGE PIPE FROM TP VALVE, DISCHARGED TO A SAFE AREA.

LIGHTING LEGEND

 INTERIOR RECESSED SINGLE DOWNLIGHTER (5W LED)

DESIGN FLOW RATE PER FITTING (Q)						
FITTING	(in L/min)	NO OFF:	SUM OF FLOW RAT	ES		
HB: 15mm AERATED MIXING VALVE	9		6	54		
ATH: 15mm AERATED MIXING VALVE	20		1	20		
HOWER: 15mm STD SHOWER HEAD	15		3	45		
C: 15mm CISTERN FLOAT VALVE	5		4	20		
NK: 15mm AERATED MIXING VALVE	10		2	20		
PPLIANCE SUPPLY: 15mm PLAIN VALVE	15		3	45		
ARDEN: 15mm PLAIN OUTLET	15		5	75		

HOT WATER DEMAND AS PER TABLE 5 OF SANS 10252

2. OCCUPANCY POPULATION @ PEAK

45 L/capita

STORAGE
VOLUME AT ACTUAL HOT WATER

TOTAL HOT WATER DEMAND
140 L/capita/day
45 L/capita
2
280 L/DAY

PROBABLE FLOW DEMAND TO EXISTING METER

Q_p = (FLOW DEMAND)ⁿ
= 279 0.6

POPULATION BREAKDOWN SUMMARY:

1. 1xBEDROOM= 2 PERSONS

2 PERSON

29.33 L/min

HOT WATER STORAGE TANK SIZE (BASED ON TABLE 5 OF SANS 10252)

MIN. TANK

SIZE

STORAGE VOLUME AT 60 deg NO. OF PERSONS REQUIRED SIZE PROVIDED

2 PERSONS

SCHEDULE OF DAILY WATER DEMA	III G ATENAGE T	SANS 10252-2	, 25, 31 AT LIAROLO	TO TEN IMPE	
LOCATION	FITTING	LITRES / USE USES/DAY	PERSONS	CONS	SUMPTION
MASTER E/S 1	WC	9	3	2	54
	WHB	6	4	1	24
	WHB	6	4	1	24
	BATH	85	1	1	85
	SHOWER	45	1	2	90
ex. bathroom	WC	9	3	2	54
	WHB	6	4	1	24
	SHOWER	45	1	2	90
ex. Guest wc	WC	9	3	2	54
	WHB	6	4	2	48
					547
	ADDITIO	ONAL ACTIVITY AS PER TABLE 2			
CAR-WASH & GARDEN		6	2	2	24
DRINK, FOOD PREP & COOKING		22	2	4	176
LAUNDRY		15	2	2	60
DISH WASHING		20	2	4	160 420
TOTAL DAILY WATER CONSUMPTIO	N				967

ENERGY CONSUMPTION - LIGHTING

LOCATION	DESCRIPTION	QUANTITY	WATTS	TOTAL WATTS PER ROOM/SECTION	USAGE IN HOURS PER DAY	WATTS x HOURS	KWh PER DAY	ANNUM (KWh x 365 DAYS)	
GROUND STOREY									
NEW DBL CARPORT	5W LED	4	5	20	2	40	0.04	14.6	
NEW GARDEN STORE	5W LED	2	5	10	5	50	0.05	18.25	
ex garage converted to STORE	5W LED	6	5	30	10	300	0.3	109.5	
ex laundry	5W LED	4	5	20	5	100	0.1	36.5	
ex store	5W LED	2	5	10	5	50	0.05	18.25	
NEW MASTERBEDROOM	5W LED	9	5	45	5	225	0.225	82.125	
NEW MASTER EN-SUITE	5W LED	5	5	25	5	125	0.125	45.625	
ex. Verandah cnvrtd to ENCLOSED VERANDAH	5W LED	5	5	25	5	125	0.125	45.625	
NEW VERANDAH	5W LED	4	5	20	5	100	0.1	36.5	
NEW STUDY	5W LED	6	5	30	5	150	0.15	54.75	
ex kitchen	5W LED	3	5	15	5	75	0.075	27.375	
ex passage	5W LED	3	5	15	5	75	0.075	27.375	
ex bathroom	5W LED	3	5	15	2	30	0.03	10.95	
ex guest wc	5W LED	1	5	5	5	25	0.025	9.125	
study converted to BEDROOM 2	5W LED	4	5	20		40	0.04	14.6	
ex bedroom 3	5W LED	4	5	20		40	0.04	14.6	
ex living	5W LED	4	5	20	5	100	0.1	36.5	

 TOTAL (both storeys)
 345 W
 602.25 KW/h

 TOTAL BUILT AREA
 354.5 m2
 354.5 m2

 RATE RECEIVED
 0.97 W/m2
 1.70 KW/m2

 RATE ALLOWED AS PER TABLE 12 OF S/
 5 W/m2
 5 KW/m2

RESULT : THE RATES ACHIEVED ARE LESS THAN THE RATES ALLOWED THEREFORE THE PROPOSED LIGHTING COMPLIES WITH SANS 10400 XA AND SANS 204

ENERGY DEMAND COMPLIANCE

ALLOWANCE AS PER TABLE 12 OF SANS 204:

TOTAL NETT AREA OF BUILDING:

MAX ALLOWANCE FOR THE PROPERTY:

ENERGY CONSUMPTION COMPLIANCE

5 W/m2

5 KW/m2

354.5 m2

1772.5 W

1772.5 KW/h

OWNER: LEIMAN
Leine S. Milmar
ARCHITECT: PAUL NEL REG NO: 6490

THE SOUTH AFRICAN COUNCIL FOR THE ARCHITECTURAL PROFESSION

NOTES

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PROJECT

KWh/

ADDITIONS & ALTERATIONS FOR MR. D LEIMAN, AT 39 MARYLAND AVENUE, GLENASHLEY, DURBAN, ERF 192

SUBMISSION DRAWINGS: LIGHT & WATER RETICULATION

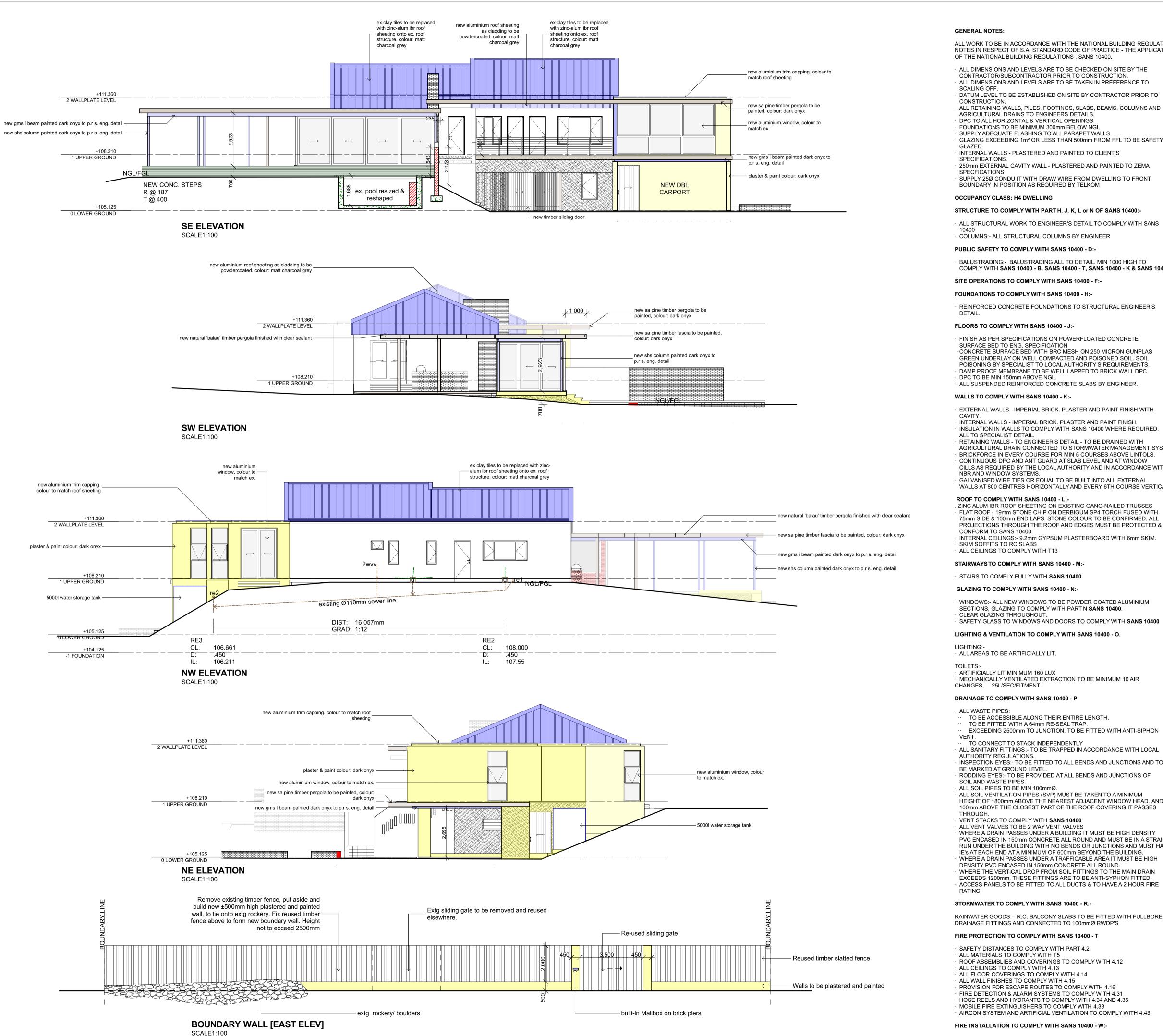
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 DRAWING NO.
 REVISION NO.
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FOUNDATIONS TO BE MINIMUM 300mm BELOW NGL SUPPLY ADEQUATE FLASHING TO ALL PARAPET WALLS GLAZING EXCEEDING 1m² OR LESS THAN 500mm FROM FFL TO BE SAFETY INTERNAL WALLS - PLASTERED AND PAINTED TO CLIENT'S

SPECIFICATIONS. 250mm EXTERNAL CAVITY WALL - PLASTERED AND PAINTED TO ZEMA **SPECFICATIONS** SUPPLY 25Ø CONDU IT WITH DRAW WIRE FROM DWELLING TO FRONT

BOUNDARY IN POSITION AS REQUIRED BY TELKOM

OCCUPANCY CLASS: H4 DWELLING

STRUCTURE TO COMPLY WITH PART H, J, K, L or N OF SANS 10400:-

ALL STRUCTURAL WORK TO ENGINEER'S DETAIL TO COMPLY WITH SANS COLUMNS:- ALL STRUCTURAL COLUMNS BY ENGINEER

PUBLIC SAFETY TO COMPLY WITH SANS 10400 - D:-

BALUSTRADING:- BALUSTRADING ALL TO DETAIL. MIN 1000 HIGH TO COMPLY WITH SANS 10400 - B, SANS 10400 - T, SANS 10400 - K & SANS 10400.

SITE OPERATIONS TO COMPLY WITH SANS 10400 - F:-

FOUNDATIONS TO COMPLY WITH SANS 10400 - H:-

REINFORCED CONCRETE FOUNDATIONS TO STRUCTURAL ENGINEER'S

FLOORS TO COMPLY WITH SANS 10400 - J:-

FINISH AS PER SPECIFICATIONS ON POWERFLOATED CONCRETE SURFACE BED TO ENG. SPECIFICATION · CONCRETE SURFACE BED WITH BRC MESH ON 250 MICRON GUNPLAS GREEN UNDERLAY ON WELL COMPACTED AND POISONED SOIL. SOIL POISONING BY SPECIALIST TO LOCAL AUTHORITY'S REQUIREMENTS. DAMP PROOF MEMBRANE TO BE WELL LAPPED TO BRICK WALL DPC DPC TO BE MIN 150mm ABOVE NGL. ALL SUSPENDED REINFORCED CONCRETE SLABS BY ENGINEER.

WALLS TO COMPLY WITH SANS 10400 - K:-

EXTERNAL WALLS - IMPERIAL BRICK. PLASTER AND PAINT FINISH WITH INTERNAL WALLS - IMPERIAL BRICK. PLASTER AND PAINT FINISH. INSULATION IN WALLS TO COMPLY WITH SANS 10400 WHERE REQUIRED. ALL TO SPECIALIST DETAIL. RETAINING WALLS - TO ENGINEER'S DETAIL - TO BE DRAINED WITH AGRICULTURAL DRAIN CONNECTED TO STORMWATER MANAGEMENT SYSTEM. BRICKFORCE IN EVERY COURSE FOR MIN 5 COURSES ABOVE LINTOLS. CONTINUOUS DPC AND ANT GUARD AT SLAB LEVEL AND AT WINDOW CILLS AS REQUIRED BY THE LOCAL AUTHORITY AND IN ACCORDANCE WITH

NBR AND WINDOW SYSTEMS. GALVANISED WIRE TIES OR EQUAL TO BE BUILT INTO ALL EXTERNAL WALLS AT 800 CENTRES HORIZONTALLY AND EVERY 6TH COURSE VERTICALLY.

ROOF TO COMPLY WITH SANS 10400 - L:-

ZINC ALUM IBR ROOF SHEETING ON EXISTING GANG-NAILED TRUSSES FLAT ROOF - 19mm STONE CHIP ON DERBIGUM SP4 TORCH FUSED WITH 75mm SIDE & 100mm END LAPS. STONE COLOUR TO BE CONFIRMED. ALL PROJECTIONS THROUGH THE ROOF AND EDGES MUST BE PROTECTED & TO CONFORM TO SANS 10400. INTERNAL CEILINGS:- 9.2mm GYPSUM PLASTERBOARD WITH 6mm SKIM. SKIM SOFFITS TO RC SLABS

STAIRWAYS TO COMPLY WITH SANS 10400 - M:-

STAIRS TO COMPLY FULLY WITH SANS 10400

GLAZING TO COMPLY WITH SANS 10400 - N:-

WINDOWS:- ALL NEW WINDOWS TO BE POWDER COATED ALUMINIUM SECTIONS, GLAZING TO COMPLY WITH PART N SANS 10400. CLEAR GLAZING THROUGHOUT. SAFETY GLASS TO WINDOWS AND DOORS TO COMPLY WITH SANS 10400

LIGHTING & VENTILATION TO COMPLY WITH SANS 10400 - O.

LIGHTING:-· ALL AREAS TO BE ARTIFICIALLY LIT.

ARTIFICIALLY LIT MINIMUM 160 LUX MECHANICALLY VENTILATED EXTRACTION TO BE MINIMUM 10 AIR CHANGES, 25L/SEC/FITMENT.

DRAINAGE TO COMPLY WITH SANS 10400 - P

ALL WASTE PIPES:

 TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH. TO BE FITTED WITH A 64mm RE-SEAL TRAP.

· TO CONNECT TO STACK INDEPENDENTLY ALL SANITARY FITTINGS:- TO BE TRAPPED IN ACCORDANCE WITH LOCAL

AUTHORITY REGULATIONS. INSPECTION EYES:- TO BE FITTED TO ALL BENDS AND JUNCTIONS AND TO BE MARKED AT GROUND LEVEL. RODDING EYES:- TO BE PROVIDED AT ALL BENDS AND JUNCTIONS OF

EXCEEDING 2500mm TO JUNCTION, TO BE FITTED WITH ANTI-SIPHON

SOIL AND WASTE PIPES. ALL SOIL PIPES TO BE MIN 100mmØ. ALL SOIL VENTILATION PIPES (SVP) MUST BE TAKEN TO A MINIMUM

HEIGHT OF 1800mm ABOVE THE NEAREST ADJACENT WINDOW HEAD. AND 100mm ABOVE THE CLOSEST PART OF THE ROOF COVERING IT PASSES THROUGH

ALL VENT VALVES TO BE 2 WAY VENT VALVES WHERE A DRAIN PASSES UNDER A BUILDING IT MUST BE HIGH DENSITY PVC ENCASED IN 150mm CONCRETE ALL ROUND AND MUST BE IN A STRAIGHT RUN UNDER THE BUILDING WITH NO BENDS OR JUNCTIONS AND MUST HAVE IE'S AT EACH END AT A MINIMUM OF 600mm BEYOND THE BUILDING. WHERE A DRAIN PASSES UNDER A TRAFFICABLE AREA IT MUST BE HIGH DENSITY PVC ENCASED IN 150mm CONCRETE ALL ROUND. WHERE THE VERTICAL DROP FROM SOIL FITTINGS TO THE MAIN DRAIN EXCEEDS 1200mm, THESE FITTINGS ARE TO BE ANTI-SYPHON FITTED.

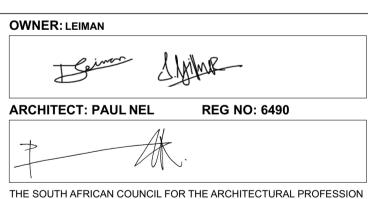
STORMWATER TO COMPLY WITH SANS 10400 - R:-

RAINWATER GOODS:- R.C. BALCONY SLABS TO BE FITTED WITH FULLBORE DRAINAGE FITTINGS AND CONNECTED TO 100mmØ RWDP'S

FIRE PROTECTION TO COMPLY WITH SANS 10400 - T

SAFETY DISTANCES TO COMPLY WITH PART 4.2 ALL MATERIALS TO COMPLY WITH T5 ROOF ASSEMBLIES AND COVERINGS TO COMPLY WITH 4.12 ALL CEILINGS TO COMPLY WITH 4.13 ALL FLOOR COVERINGS TO COMPLY WITH 4.14 ALL WALL FINISHES TO COMPLY WITH 4.15 PROVISION FOR ESCAPE ROUTES TO COMPLY WITH 4.16 FIRE DETECTION & ALARM SYSTEMS TO COMPLY WITH 4.31 HOSE REELS AND HYDRANTS TO COMPLY WITH 4.34 AND 4.35 MOBILE FIRE EXTINGUISHERS TO COMPLY WITH 4.38 AIRCON SYSTEM AND ARTIFICIAL VENTILATION TO COMPLY WITH 4.43

FIRE INSTALLATION TO COMPLY WITH SANS 10400 - W:-



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ADDITIONS & ALTERATIONS FOR MR. D

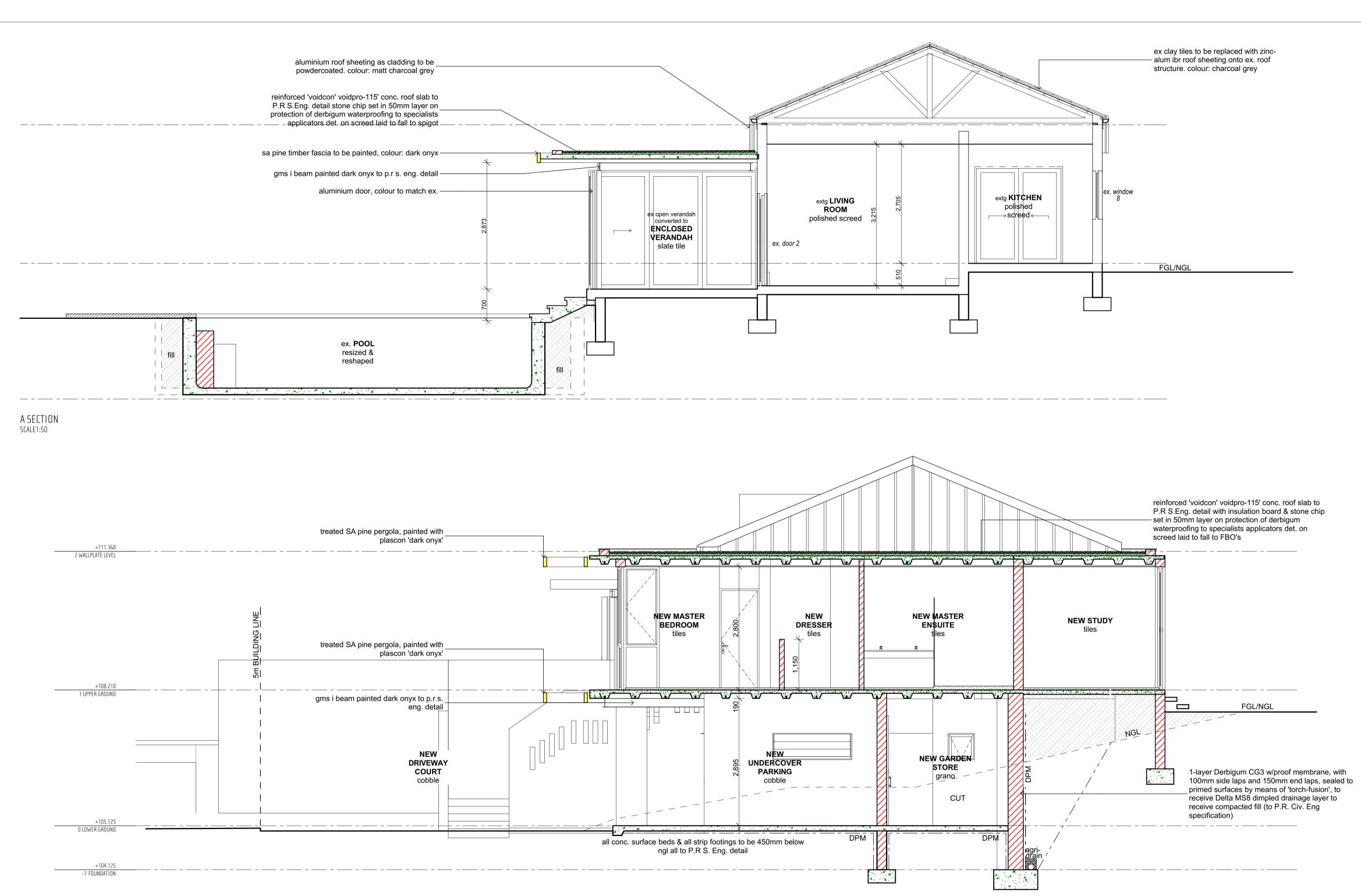
LEIMAN, AT 39 MARYLAND AVENUE, GLENASHLEY, DURBAN, ERF 192

SUBMISSION DRAWINGS: ELEVATIONS

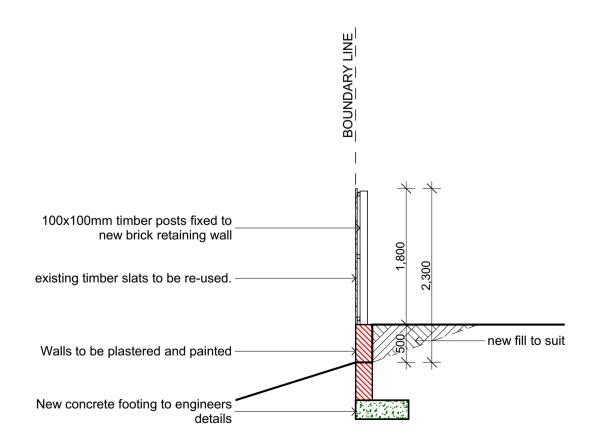
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Tel: +27 31 313 1230 Fax: 086 202 4451 Unit 2C, 33 Churchill Road, Durban 4000 Post net Suite 219 Private Bag X504 Northway 4065 Director: Paul Nel B.Arch. U.N.D. (Summa Cum Laude) PrArch KZNIA Reg # 2012/069002/07



B SECTION
SCALE1:50



TYPICAL SECTION: BOUNDARY WALL SCALE1:50

ARCHITECT: PAUL NEL REG NO: 6490

THE SOUTH AFRICAN COUNCIL FOR THE ARCHITECTURAL PROFESSION

NOTES

- ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRA

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ADDITIONS & ALTERATIONS FOR MR. D LEIMAN, AT 39 MARYLAND AVENUE, GLENASHLEY, DURBAN, ERF 192

SUBMISSION DRAWINGS: SECTIONS

 JOB NO.
 DATE
 DRAWN

 #PIn
 23-Mar-23
 NN

 DRAWING NO.
 REVISION NO.
 SCALE

 LA 300
 AS SHOWN

paul nel architects

Paul Nel Architects (Pty) Ltd
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Unit 2C, 33 Churchill Road, Durban 4000
Post net Suite 219 Private Bag X504 Northway 4065
Director: Paul Nel B.Arch. U.N.D. (Summa Cum Laude) PrArch KZNIA
Reg # 2012/069002/07

ID	AW-1	AW-1a	AW-2	AV	V-3	AW-6	
	FFL TOC	TSG TSG TSG FFL TOC	MAG MAG TSG TSG	MAG MAG TSG 7800 TSG 900 TSG 9	MAG MAG TSG TSG	1,635 9621 97 1,635 1,635 1,635 1,635 1,635	
DESCRIPTION:	2-PANE WINDOW TOP PANE SIDE HUNG WITH FIXED PANEL BELOW AS SHOWN	ALUMINIUM MULTI SLIDING WITH FIXED BOTTOM PANE WINDOW AS SHOWN	3-PANE WINDOW TOP PANE TOP HUNG WITH FIXED PANEL BELOW AS SHOWN	3-PANE WINDOW TOP PANE SIDE HUNG WITH FIXED PANEL BELOW AS SHOWN	3-PANE WINDOW TOP PANE SIDE HUNG WITH FIXED PANEL BELOW AS SHOWN	ALUMINIUM FIXED WINDOW AS SHOWN	
FRAME:		ALUMINIUM FRAME TO SUIT	ALUMINIUM FRAME TO SUIT	ALUMINIUM FRAME TO SUIT	ALUMINIUM FRAME TO SUIT	ALUMINIUM FRAME TO SUIT	
FINISH:	POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR;	PRODUCT: INTERPON D1025; QUALITY: QUALICOAT CLASS 1 COMPLIANT POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR; COLOUR UMBER GREY. MIN. 80 MICRON APPLICATION.	PRODUCT: INTERPON D1025; QUALITY: QUALICOAT CLASS 1 COMPLIANT POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR; COLOUR UMBER GREY. MIN. 80 MICRON APPLICATION.	POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR;		PRODUCT: INTERPON D1025; QUALITY: QUALICOAT CLASS 1 COMPLIANT POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR; COLOUR UMBER GREY. MIN. 80 MICRON APPLICATION.	
GLAZING:		GLAZING TO COMPLY WITH SANS 10400, PART N, SABS RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS	GLAZING TO COMPLY WITH SANS 10400, PART N, SABS RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS 137		GLAZING TO COMPLY WITH SANS 10400, PART N, SABS RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS 137	GLAZING TO COMPLY WITH SANS 10400, PART N, SABS 7 RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS 137	
MAX. PANE SIZE:			1.6 sqm	1.3 sqm	1.3 sqm	2.6 sqm	
MIN. PANE THICKNESS	: 4mm TOUGHENED SAFETY GLASS; 5mm MONOLITHIC ANNEALED GLASS	54mm TOUGHENED SAFETY GLASS	4mm TOUGHENED SAFETY GLASS; 5mm MONOLITHIC ANNEALED GLASS	4mm TOUGHENED SAFTEY GLASS; 4mm MONOLITHIC ANNEALED GLASS	4mm TOUGHENED SAFTEY GLASS; 4mm MONOLITHIC ANNEALED GLASS	6 6mm MONOLITHIC ANNEALED GLASS	
QUANTITY:	1	1	1	1	2	1	
LOCATION:		MASTER BEDROOM	MASTER BEDROOM	MASTER EN-SUITE		ENCLOSED VERANDAH	
TOTAL GLAZED AREA:	2.24	15.12	3.08	2.52	2.52	2.93	30.93 m

Aluminium Window Schedule



THE SOUTH AFRICAN COUNCIL FOR THE ARCHITECTURAL PROFESSION

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ADDITIONS & ALTERATIONS FOR MR. D LEIMAN, AT 39 MARYLAND AVENUE, GLENASHLEY, DURBAN , ERF 192

SUBMISSION DRAWINGS: WINDOW SCHEDULE

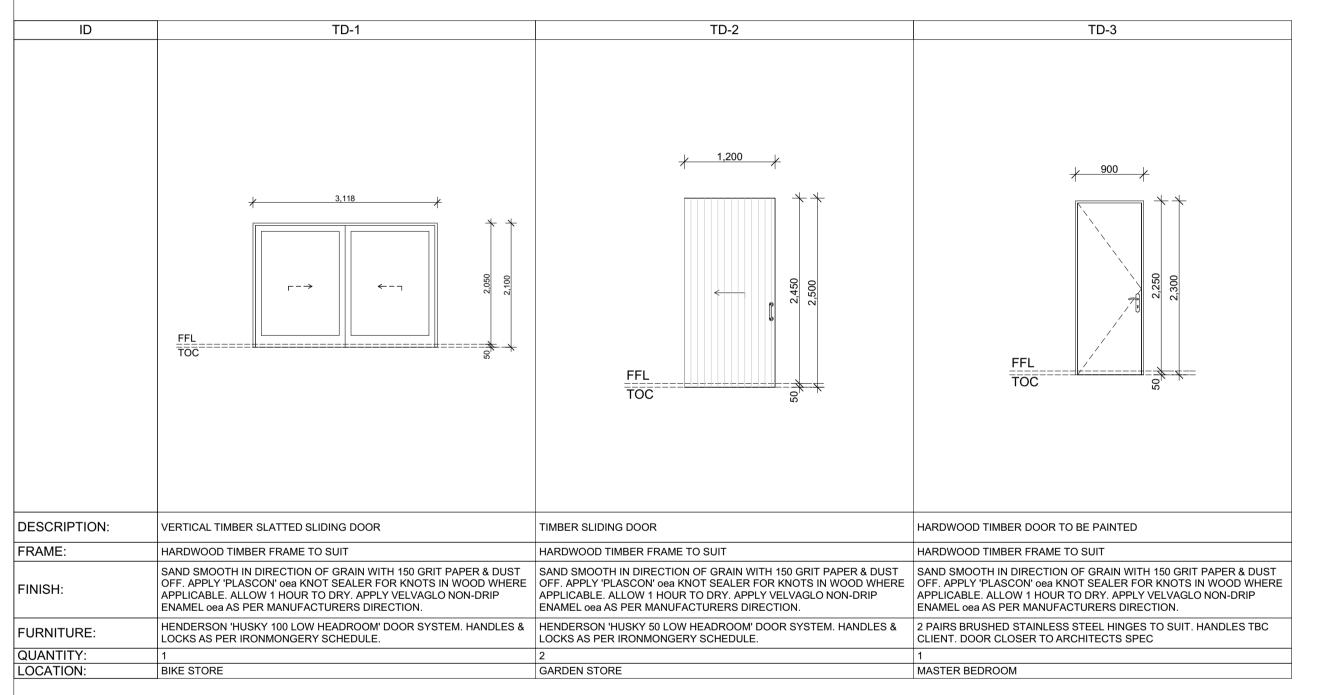
JOB NO.	DATE	DRAWN
#Pln	23-Mar-23	NN
DRAWING NO. LA WS001	REVISION NO.	SCALE AS SHOWN

paul nel architects

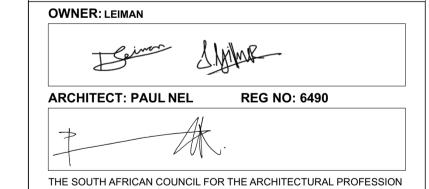
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Reg # 2012/069002/07

ID	AD-1	AD-2	AD-3	AD-4	AD-5
	park position FFL TOC	7,580 8q 9q 7,580 8q 8q 9q 68 7 7,580 80 80 80 80 80 80 80 80 80	2,246 ———————————————————————————————————	2,000 ——————————————————————————————————	FFL TOC
DESCRIPTION:	TRI-SLIDER ALUMINIUM DOOR AS SHOWN	ALUMINIUM 4-SLIDER DOOR AS SHOWN	ALUMINIUM DOUBLE SLIDER DOOR AS SHOWN	ALUMINIUM DOUBLE SLIDER DOOR AS SHOWN	ALUMINIUM DOUBLE SLIDER DOOR AS SHOWN
FRAME:	ALUMINIUM FRAME TO SUIT	ALUMINIUM FRAME TO SUIT	ALUMINIUM FRAME TO SUIT	ALUMINIUM FRAME TO SUIT	ALUMINIUM FRAME TO SUIT
FINISH:	PRODUCT: INTERPON D1025; QUALITY: QUALICOAT CLASS 1 COMPLIANT POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR; COLOUR UMBER GREY. MIN. 80 MICRON APPLICATION.	PRODUCT: INTERPON D1025; QUALITY: QUALICOAT CLASS 1 COMPLIANT POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR; COLOUR UMBER GREY. MIN. 80 MICRON APPLICATION.		PRODUCT: INTERPON D1025; QUALITY: QUALICOAT CLASS 1 COMPLIANT POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR; COLOUR UMBER GREY. MIN. 80 MICRON APPLICATION.	PRODUCT: INTERPON D1025; QUALITY: QUALICOAT CLASS 1 COMPLIANT POWDER (SANS 1796); APPLIED BY INTERPON APPROVED APPLICATOR; COLOUR UMBER GREY. MIN. 80 MICRON APPLICATION.
GLAZING:	GLAZING TO COMPLY WITH SANS 10400, PART N, SABS RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS 137	GLAZING TO COMPLY WITH SANS 10400, PART N, SABS 7 RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS 137	GLAZING TO COMPLY WITH SANS 10400, PART N, SABS 7 RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS 13	GLAZING TO COMPLY WITH SANS 10400, PART N, SABS RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS 137	GLAZING TO COMPLY WITH SANS 10400, PART N, SABS RECOMMENDATION 0137 & AAAMSA REGULATIONS BASED ON SABS 137
MAX. PANE SIZE:	2.5 sqm	4.1 sqm			
MIN. PANE THICKNESS	·	8mm TOUGHENED SAFETY GLASS	5mm TOUGHENED SAFETY GLASS	5mm TOUGHENED SAFETY GLASS	5mm TOUGHENED SAFETY GLASS
FURNITURE	FLUSH PULL HANDLES & LOCK: HALF CYLINDER CISA (O.E.A) INTERNAL THUMB TURN & BLANKED OFF EXTERNALLY		FLUSH PULL HANDLES & LOCK: HALF CYLINDER CISA (O.E.A) INTERNAL THUMB TURN & BLANKED OFF EXTERNALLY		FLUSH PULL HANDLES & LOCK: HALF CYLINDER CISA (O.E.A) INTERNAL THUMB TURN & BLANKED OFF EXTERNALLY
QUANTITY:	1	1	1	1	1
LOCATION:	ENCLOSED VERANDAH	ENCLOSED VERANDAH			
TOTAL GLAZED AREA:	10.00	20.47	6.07	4.40	5.60 46.54 r

Aluminium Door Schedule



Timber Door Schedule



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SUBMISSION DRAWINGS: DOOR SCHEDULE

JOB NO. 23-Mar-23 DRAWING NO. REVISION NO. AS SHOWN LA DS001

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