

Site boundary

SECTION A-A SCALE 1:100

Note: the property is gated and fenced No pool fence required

Site boundary

3.0m side space

2.0m side space

Site boundary

PUBLIC SAFETY : SANS 10400 PART D DIMENSIONS : SANS 10400 PART C STRUCTURAL DESIGN : SANS 10400 PART B RATIONAL ASSESSMENT : SANS 10400 PART A (3)(a)

DRAINAGE : SANS 10400 PART P LIGHTING AND VENTILATION: SANS 10400 PART O PROVISION FOR DISABLED PERSONS:

GMS I BEAM LINTOL TO ENGINEER'S DETAIL

7. PRECAST CONCRETE LINTOLS OVER OPENINGS AS REQUIRED BY ENGINEER WHEN THERE IS A PLASTER FINISH.

12mm GYPSUM PLASTERED CEILINGS, TAPED AND SKIMMED JOINTS, FIXED TO 38x38 TIMBER BATTENS, FIXED TO UNDERSIDE OF TRUSSES. 4. COVED GYPSUM/POLYSTYRENE CORNICE TO MATCH EXISTING.

2. ALL CONCRETE ROOF SLABS TO ENGINEER'S DETAIL, WIT 2 LAYERS OF 3mm AND 4mm EVOLIGHT POLYGLASS TORCH-ON WATERPROOFING MEMBRANE, WITH A 250 MICRON SLIP LAYER OVER, ALL ON MINIMUM 40mm SCREED TO FALLS, WITH A 40mm SCREED OVER TO RECEIVE TILED FINISH. MARSEILLE ROOF TILES TO MATCH EXISTING, ON NDERLAY SHEETING AND INSULATION MEMBRANE, LAID ON 8x38 TIMBER PURLINS, ON PROPRIETARY CCA TREATED ANGNAIL TRUSSES, FIXED TO WALL PLATES, OR BUILT INTO ANGNAIL TRUSSES, FIXED TO WALL PLATES, OR BUILT INTO ANGNAIL TRUSSES, FIXED TO WALL PLATES, OR BUILT INTO CONTRACTOR DETAIL. ROOFING STRUCTURAL STABILITY ERTIFICATE TO BE CEEDED TO OWNER.

OOF PITCH Minimum 17.5°

INIMUM 90mm THICK FLEXIBLE, NON-COMBUSTIBLE (RROLITE' INSULATION LAYER BETWEEN ROOF TRUSSES & VER BRANDERING, IN ACCORDANCE WITH ANUFACTURERS DETAIL AND SPECIFICATION, AS PER ANUFACTURERS DETAIL AND SPECIFICATION, AS PER

CEILINGS 3. INTERNAL CEILINGS:

12mm INTERNAL STEEL TROWELED PLASTER TO CONCRETE SLABS, PRIMED AND PAINTED TO COLOUR SPEC.

10. 750x250 BRICKWORK STRIP FOOTING FOUNDATIONS TO BE CAST IN AT LEVELS AND DETAIL AS PER ENG DETAIL. 9. 12mm EXTERNAL WOOD FLOAT PLASTER, PRIMED AND FINISHED WITH TWO COATS PLASCON WALL & ALL OR EQUA 8. 12mm INTERNAL STEEL TROWELLED PLASTER, PRIMED AND FINISHED WITH TWO COATS PLASCON WALL AND ALL OR EQUAL, COLOUR TO BE ADVISED

FLOORS
12. 100mm POWER FLOAT SURFACE BED WITH REF 193 MESH,
ON 250 MICRON UNDERLAY MEMBRANE, WITH MINIMUM
200mm TAPED SIDES AND END LAPS, ON WELL COMPACTED
AND POISONED SOIL, ALL TO ENG DETAIL. 13. SURFACE BED STEPPED BY 50mm WITHIN SHOWER AREA. CONCRETE TO BE WATERPROOFED WITH SUPERLAYKOLD ACRYLIC MEMBRANE WITH SAND FINISH TO RECEIVE WALL AND FLOOR TILES.

DOORS & WINDOWS 16. 'SWARTLAND' OR EQUAL APPROVED TIMBER WINDOWS AND DOORS AS PER SCHEDULE, WITH SUITABLE EXTERIOR FINISH 14. SELECTED TILES TO AREAS AS PER PLAN
TINTED SCREED BY SPECIALIST TO AREAS AS PER PLAN
NATURAL OREGON TIMBER STRIP FLOORING ON TIMBER SUB
STRUCTURE TO AREAS AS PER PLAN. 15. MINIMUM 255mm CONCRETE FLOOR SLAB WITH REINFORCING TO ENGINEER'S DETAIL

17. INTERNAL SOLID CORE DOORS, WITH EX. 114X50 REBATED HARDWOOD DOOR FRAMES TO SUIT WALL THICKNESS, ALL PRIMED AND FINISHED WITH TWO COATS VELVAGLO. HINGES, IRONMONGERY AND FURNITURE AS PER SCHEDULE, OR AS PER CLIENTS SELECTION.

EXTERNAL HARDWOOD DOORS TO BE FINISHED WITH SUITABLE EXTERIOR SEALANT OR PAINT AS APPROVED

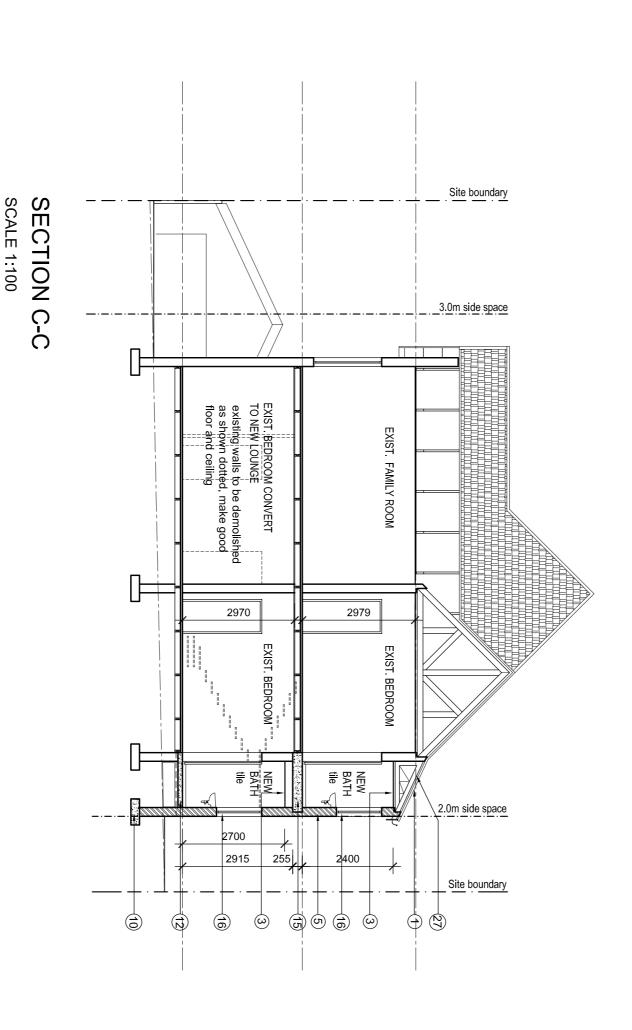
19. M.S. FULLBORE OUTLETS ON FLAT CONCRETE ROOFS. FULLBORES TO HAVE 100×100mm STAINLESS STEEL GRATING WITH MORTAR FIXING INTO TILE LAYOUT FACIAS & RAINWATER GOODS 18. 150x12 HIGH DENSITY FIBRE CEMENT FACIAS FIXED TO END PURLIN, PAINTED TO MATCH WALL COLOUR

20. 75mm Ø HIGH DENSITY FIBRE CEMENT DOWNPIPES WITH MINIMUM 3 HOLDERBATTS PER DOWNPIPE.

22. TILED SKIRTING IN TILED AREAS. SKIRTINGS & CILLS 21. 100mm HIGH TIMBER MOULDED SKIRTING TO SPECIFICATION TO MATCH EXISTING 23. 25mm THICK HARDWOOD INTERNAL CILLS ON GROUNDS, EXTENDING 20mm PAST THE WALL AND 25mm BEYOND THE REVEAL. FINISHED WITH PRIMER AND TWO COATS VELVAGLO OR EQUIVALENT, ALL TO MATCH EXISTING.

ENERGY EFFICIENCY NOTES (SANS 204 AND SANS XA)
25. 150 LITRE GEYSER TO HAVE MINIMUM 50mm THICK
GLASSWOOL GEYSER BLANKET DRESSED WITH SEALED
EDGES (min R-value 2.0), WITH 20mm THICK PIPE INSULATION
DRESSED AROUND HOT AND COLD SUPPLY PIPES FOR 1.0m
ON EITHER SIDE OF GEYSER (min R-value 1.0) 24. 150x150mm QUARRY TILE EXTERNAL CILL TO MATCH EXISTING, PAINTED AS PER CLIENT COLOUR CHOICE.

27. 90mm THICK 'ISOTHERM' FLEXIBLE POLYESTER THERMAL INSULATION BLANKET (DENSITY 10kg/m3 AND R VALUE OF 2.20) LAID OVER CEILING BRANDERING CLOSELY FITTED BETWEEN RAFTERS / TRUSSES. 26. 4Kw I.T.S. HEAT PUMP TO BE INSTALLED IN LINE WITH EXISTING GEYSER.



## SCALE SECTION B-B

(12) (25) (26)

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1000

2915

(W)

(<del>5</del>)

2988

## COMPLIANCE WITH SANS 10400 PART XA CALCULATIONS AND GLAZING SCHEDULE SANS 10400 PART N

**GROUND FLOOR** 

PROPOSED ROOM	NUMBER	O/A AREA	INDIVIDUAL PANE	GLASS THICK.	TYPE OF GLAZING
LOUNGE	W1	2.70m2	1.8 × 0.6 = 1.08m2	4 mm	MONOLITHIC ANNEALED GLASS
LOUNGE	W2	2.70m2	$1.8 \times 0.6 = 1.08 \text{m}^2$	4mm	MONOLITHIC ANNEALED GLASS
ватн	W3	1.08m2	$1.2 \times 0.6 = 0.72 \text{m}2$	4mm	MONOLITHIC ANNEALED GLASS
GUEST WC	W4	0.20m2	450∅	4mm	MONOLITHIC ANNEALED GLASS
LIVING	W5	1.8m2	$1.5 \times 0.6 = 0.90 \text{m}2$	5mm	MONOLITHIC ANNEALED GLASS
DINING	W6	1.8m2	$1.5 \times 0.6 = 0.90 \text{m}2$	5mm	MONOLITHIC ANNEALED GLASS
SCULLERY	W7	1.44m2	1.2 × 0.6 = 0.72m2	4mm	MONOLITHIC ANNEALED GLASS
KITCHEN	W8	2.70m2	1.8 × 0.6 = 1.08m2	4mm	MONOLITHIC ANNEALED GLASS
KITCHEN	W9	2.70m2	1.8 × 0.6 = 1.08m2	4mm	MONOLITHIC ANNEALED GLASS
LOUNGE	W10	2.70m2	1.8 × 0.6 = 1.08m2	4mm	MONOLITHIC ANNEALED GLASS
LOUNGE	D1	3.78m2	0.9 x 1.2 = 1.08m2	4mm	MONOLITHIC ANNEALED GLASS
LIVING	D2	8.40m2	$0.9 \times 2.1 = 1.89 \text{m}2$	6mm	LAMINATED SAFETY GLASS
KITCHEN	D3	1.89m2	0.9 x 1.2 = 1.08m2	4mm	MONOLITHIC ANNEALED GLASS

Site boundary

2.0m side<sub>∕</sub>space

beyond as per

3.0m side space

Site boundary

## **GLAZING** SCHEDULE

- existing floor slab and footing to be certified by structural engineer

build in new class A fire door and stairs to Domestic room

existing wall between room and garage to be firewall to extend to u/s roof tiles

existing rai

SECTION D-D
SCALE 1:100

new concrete swimm pod! by specialist to endineer's detail

1550

2482

FIRST FLOOR

PROPOSED ROOM	NUMBER	O/A AREA	INDIVIDUAL PANE	GLASS THICK.	TYPE OF GLAZING
BEDROOM	W1	2.16m2	0.6 x 1.8 = 1.08m2	4 mm	MONOLITHIC ANNEALED GLASS
BATHROOM	W2	1.08m2	$0.6 \times 0.9 = 0.54 \text{m}2$	4mm	MONOLITHIC ANNEALED GLASS
EN SUITE	W7	5.76m2	1.2 x 1.2 = 1.44m2	5mm	MONOLITHIC ANNEALED GLASS
EN SUITE	W8	1.80m2	$0.6 \times 1.5 = 0.90 \text{m}2$	4mm	MONOLITHIC ANNEALED GLASS
EN SUITE	W9	1.80m2	$0.6 \times 1.5 = 0.90 \text{m}2$	5mm	MONOLITHIC ANNEALED GLASS
EN SUITE	W10	1.80m2	$0.6 \times 1.5 = 0.90 \text{m}2$	4mm	MONOLITHIC ANNEALED GLASS
BEDROOM	D2	2.52m2	$0.6 \times 2.1 = 1.26 \text{m}2$	6mm	LAMINATED SAFETY GLASS
EN SUITE	D4	1.89m2	$0.9 \times 2.1 = 1.89 \text{m}2$	6mm	LAMINATED SAFETY GLASS

## <u>dhs</u>architecture Cell : 083 775 1079 Fax : 086 5800 973 reg number: st2201

PROPOSED ADDITIONS AND ALTERATIONS TO EXISTING DWELLING BUILDING ON LOT 366, MORNINGSIDE, DURBAN, 11 MORNINGSIDE ROAD.

GROUND FLOOR PLAN AND SITE PLAN FIRST FLOOR PLAN

MR. C. J. SHAVE Mrs. I. T. SHAVE

date: Dec 2012 dhs2013\_ 51 300 dhs scale 1:100 rev\_

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