

1 11-02-01 Roof Plan
1:100

GENERAL NOTES

SANS 10400 PART A: GENERAL PRINCIPAL AND REQUIREMENTS: Copyright of this drawing and all info thereon, is hereby reserved by Origin Architects Pty/ltd. No unauthorized reproduction of whatever nature is permitted.

2. Wherever the terms "to approval" or "approved" are used, this shall be deemed to be the approval of OA / the principal agent or the client's appointed agent.

3. Any unusual, unclear, ambiguous or contradictory construction methodologies or dimensions indicated on this drawing must be brought to the attention of the principal agent for clarification, before commencing with the construction thereof.

4. This drawing must be read in conjunction with any other specification or consultant's drawings being referred to herein.

5. In the event of this drawing being issued in conjunction with any specification and/or engineer's / consultants drawings, the latter will have priority over these drawings and must be taken as correct and

prevailing.

SANS 10400 PART B: STRUCTURAL:

1. All structural work shall comply with SANS 10400 Part B

2. All structural concrete shall comply with SANS 10100.

3. All structural steel shall comply with SANS 10162.

 4. All structural masonry work shall comply with SANS 10164.
 <u>SANS 10400 PART C: DIMENSIONS (AND LEVELS):</u>
 1. Where items that are arranged in an obvious repetitive pattern, manner or fashion are dimensioned once, it must be assumed that undimensioned items of the similar type shall be placed at the same

levels and dimensions as the typical items.

2. Scaling off this document will not be considered to be an acceptable manner of extracting info, unless so indicated in certain cases by the agent.

3. All levels given are to be taken as unfinished levels.

4. All structural and brick wall dimensions are core dimensions, excluding any finishes. 5. All dimensions on final revisions are for information only and must be physically verified by way of a

SANS 10400 PART D: PUBLIC SAFETY:

1. All changes in levels, ramps, public entrances and swimming pools, shall comply with SANS 10400

SANS 10400 PART E: DEMOLITION WORK:

1. All demolition work shall comply with SANS 10400 Part E

2. All demolition work shall be carried out in accordance with the OSH act no 85 of 1993, and related

construction regulations.

SANS 10400 PART F: SITE OPERATIONS:

1. All site operations shall comply with SANS 10400 Part F

SANS 10400 PART G : EXCAVATIONS:

1. All excavations shall comply with SANS Part G

SANS 10400 PART H: FOUNDATIONS:

1. All foundations shall comply with SANS Part H SANS 10400 PART J : FLOORS:
 1. All floors shall comply with SANS Part J

SANS 10400 PART K: WALLS:

1. All walls shall comply with SANS Part K

 Partitions and suspended ceilings shall be rodent proof in accordance with govt. Rodent proofing section b of SABS method 419 for class B 1/2 rodent proofing. SANS 10400 PART L : ROOFS:

1. All roof s shall comply with SANS Part I

SANS 10400 PART M: STAIRWAYS:

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1. All stairways and balustrades, shall comply with SANS 10400 Part M
SANS 10400 PART M: GLAZING NOTES:

1. All glazing to comply with SANS 10400 Part N
2. All glazing installations shall comply with SANS 10137.
3. All external and facade glazing wind loads shall comply with SANS 10160, Part 3
4. All safety glazing shall comply with SANS 1263-1.
SANS 10400 PART O: LIGHTING AND VENTILATION NOTES:
1. All habitable rooms without any windows will be artificially lit in compliance with SANS 10400 Part O
2. Minimum artificial interior lighting levels shall comply with SANS 10114-1.
3. All habitable rooms without any openable section windows will be mechanically ventilated in All habitable rooms without any openable section windows will be mechanically ventilated in compliance with SANS 10400 Parts O & T

4. All duct work shall comply with SANS 10173.

SANS 10400 PART P:PLUMBING & DRAINAGE:

1. All plumbing and drainage work and installation of sanitary fittings shall comply with SANS 10400

Water supply installations shall comply with SANS 10252-1.
 Sewer and drainage installation shall comply with SANS 10252-2.

 Hot water supplies shall comply with SANS 204.
 Geyser installations shall comply with SANS 10254. 6. All solar water heating systems shall comply with SANS 1307, 10106, SANS 6211-1 and 6211-2

Provide IE's to all bends and junctions with suitable markers at ground level.
 All taps shall comply with SANS 226.

9. Minimum fall to all drain pipes to be 1:60 10. Provide reseal traps to all waste fittings. 11. Provide AE to foot of all soil stacks.

12. IE's to waste pipes to be fully accessible at all times.

13. All drain pipes passing under building or footings to be adequately protected against any loads

imposed thereon.

14. RES to be provided at all changes of drain direction. No changes of direction may be enclosed under the structure. 15. All stack bottoms to have long radius bends

16. All wash hand basins with waste runs in excess of 6m to be fitted with 110mm pvc waste pipes &

SANS 10400 PART S: FACILITIES FOR PERSONS WITH DISABILITIES:

1. All work shall comply with SANS Part S

SANS 10400 PART X: ENVIRONMENTAL SUSTAINABILITY:
PART XA: ENERGY USAGE IN BUILDINGS

1. All work shall comply with the requirements of SANS 204.

All work shall comply with the requirements of SANS 204.
 All fenestration air infiltration shall be in accordance with SANS 613
 COMPLIANCE WITH OTHER RELEVANT SANS 10400 REGULATIONS
 All storm water disposal shall comply with SANS Part R
 All space heating shall comply with SANS Part V

EXPANSION JOINTS ON FLOORS

Floor tiles on surface beds shall be laid into an approved expansion strip grid not exceeding 4x4m. Expansion strips shall be laid corresponding exactly with structural or saw cut joints in concrete floors and surface beds and tiles shall be cut to the nearest expansion strip and to equal widths on either side of the expansion strip, to fit within the grid.

The same shall apply to floor tiles on suspended floor slabs, with the exception of the grid not exceeding 5x5m.

SANS 10400 PART T: FIRE PROTECTION

1. ALL WORKS TO BE IN ACCORDANCE WITH SANS 10400 FIRE PROTECTION REGULATION PART T AS PROMULGATED IN THE BIR AND BUILDING STANDARD ACT 103 OF 1977.

2. INTERNAL PARTITIONS TO COMPLY WITH T 4.9. 3. Ceiling voids to be divided by means of 30 Minute fire rated barriers, into areas not exceeding 250 m²

unless otherwise specified. 4. Floor and wall coverings to comply with T4.14 and T4.15

5. All fire fighting equipment and evacuation evacuation routes must be indicated with a minimum of 150 x 150mm photoluminescent type signs and must comply with SABS 1186 - 1, 3 & 5 and SANS 1464-22 and must be installed in accordance with SANS 10400 - Part T 4.29.
6. Fire hose reel installations shall comply with the requirements in SANS 543 and shall be installed in

accordance with SANS 10105-1.

7. Portable fire extinguishers installed in a building shall comply with T4.37 and with the requirements in SANS 1910, and shall be installed by competent persons in accordance with SANS 1475-1 and SANS 10105-1. 8. HVAC installation shall comply with T4.43.

9. All thermal insulation products shall comply with SANS 10177-5 and tested in accordance with SANS

10. ALL EMERGENCY LIGHTING SHALL COMPLY WITH SANS 10114-2.
11. ALL FIRE DETECTION AND ALARM SYSTEMS SHALL COMPLY WITH SANS 10139.

12.FIRE DETECTION INSTALLATIONS SPECIFICALLY IN HOSPITALS, SHALL COMPLY WITH SANS 322.

SANS 10400 PART W: FIRE INSTALLATION

1. ALL FIRE INSTALLATIONS AND WATER SUPPLIES TO FIRE FIGHTING EQUIPMENT, SHALL COMPLY WITH PART W.

SIGNATURE: ARCHITECT		SIGNATURE: CLIENT		
SIGNATURE:ENGINEER				
COVERAGE	FLOOR AREA RATIO	27232 m ²	7475	ARE
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Rev No	Povisio	n Description	Dat	

IDEATE DESIGN PARTNERSHIP

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INFORMATION ONLY

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	Healing Hills Hospital	

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