South Africa's First Living Building Challenge Medical Centre

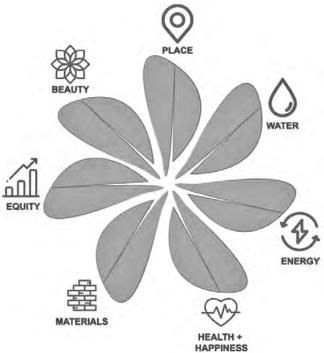


DAFFONCHIO ARCHITECTS Legu





TARGETED TO BE



The **first** Living Building Challenge Petal Certification for an **Office** building in South Africa. The first Living building Challenge water accreditation in the world, for a Medical Facility.

6-Star green star Medical suites v1.1 Design certification. 76 CORLETT ROADMAP



1. Highest Rated Green Star

SA Rating Possible. – more
than 100 points out of 110 available
in the rating tool
(Could then win the GBCSA awardfor the highest rated building
category)



2. Net Zero Ratings for all 4
Categories: Waste, Energy, Water
and Land-Use and Ecology -all four
ratings have not been done yet on one
project, this project will be the 1st. (Could
then win the GBCSA award- for the
Innovative Net Zero Project)



3. Living Building Challenge

- the most challenging Green building rating (not been done before in Africa)



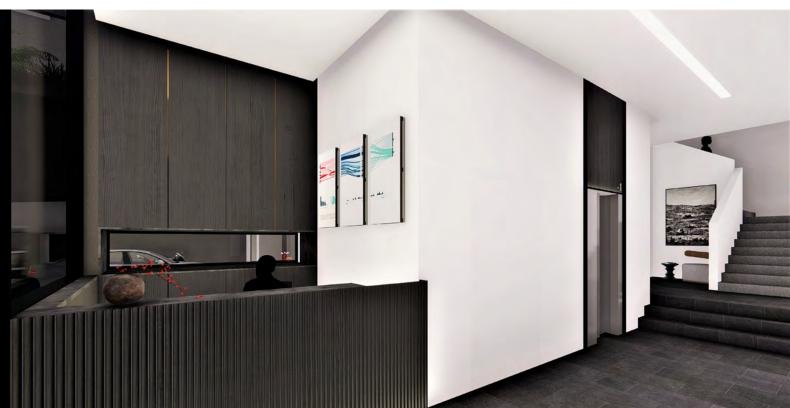




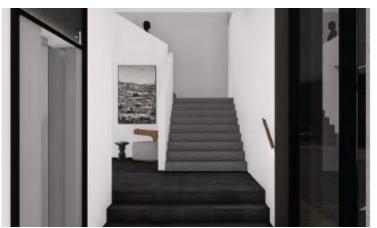




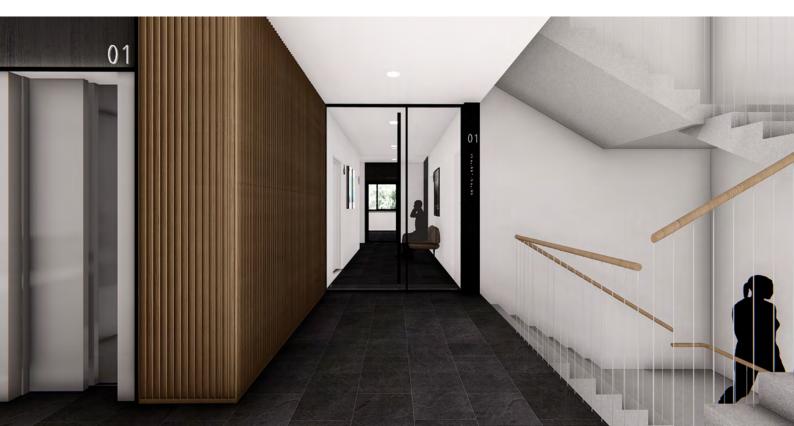






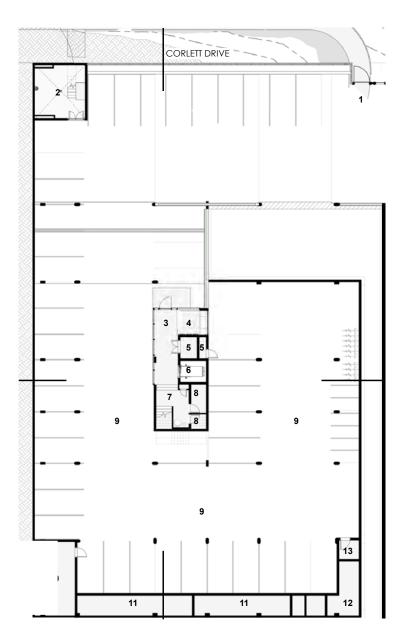






FLOOR PLANS







SEMI-BASEMENT

PARKING

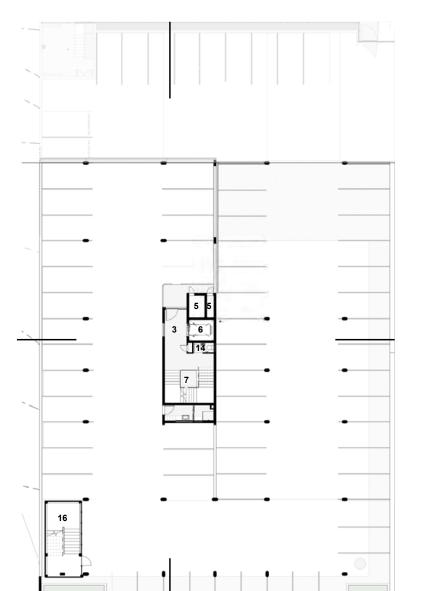
- 1. Pedestrian Entrance
- 2. Refuse Room
- 3. Lobby
- 4. Guard Area
- 5. Service Core
- 6. Lift Core
- 7. Atrium
- 8. Services
- 9. Parking
- 10. Wet Services Plant Room
- 11. Rainwater Storage Tank
- 12. Fire Safety Water Tank
- 13. Fire Plant Room
- 14. WC
- 15. Cyclist Shower
- 16. Fire Escape
- 17. Suites
- 18. Male Bathroom
- 19. Female Bathroom
- 20. Urban Farm
- 21. Solar PV Panels
- 22. Service Plant







FLOOR PLANS







GROUND FLOOR

PARKING

- 1. Pedestrian Entrance
- 2. Refuse Room
- 3. Lobby
- 4. Guard Area
- 5. Service Core
- 6. Lift Core
- 7. Atrium
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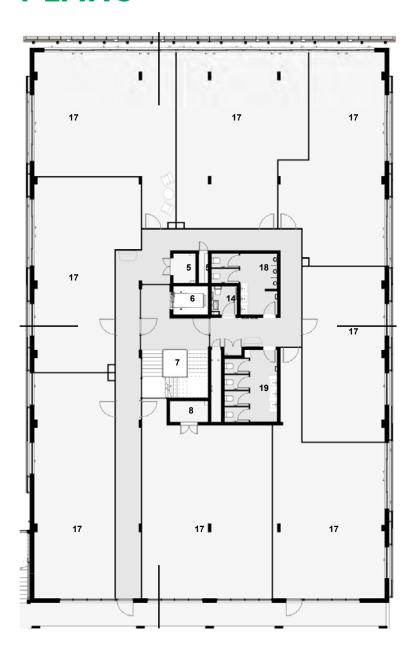


DAFFONCHIO ARCHITECTS



FLOOR PLANS







FIRST FLOOR

OFFICES

- 1. Pedestrian Entrance
- 2. Refuse Room
- 3. Lobby
- 4. Guard Area
- 5. Service Core
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- 7. Atrium
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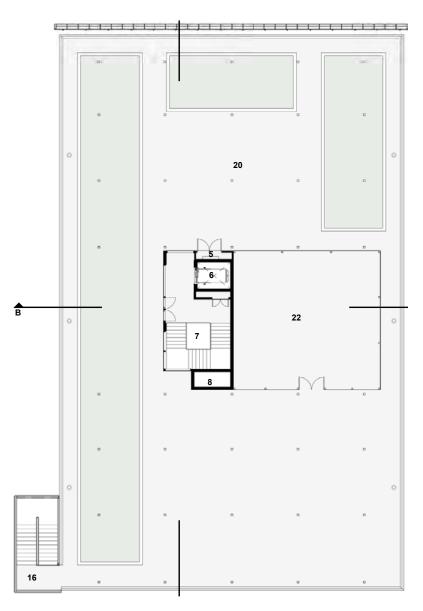


DAFFONCHIO ARCHITECTS



FLOOR PLANS







ROOFTOP

URBAN FARM

- 1. Pedestrian Entrance
- 2. Refuse Room
- 3. Lobby
- 4. Guard Area
- 5. Service Core
- 6. Lift Core
- 7. Atrium
- 8. Services
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DAFFONCHIO ARCHITECTS



LOCALITY PLAN

