

SOUTH AFRICA 2010
BID BOOK
ANNEX B



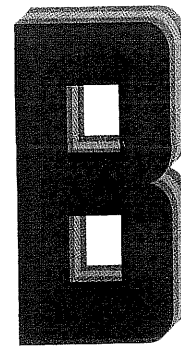
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Johannesburg Soccer City





Johannesburg Soccer City

Name of the Stadium	Soccer City
City	Johannesburg
Owner	Soccer City Stadium Trust
Completion of construction	April 2007
Location	NASREC
Total lot size	136,000 m ²
Number of levels	6
Seating capacity	94,700

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UPGRADING

The "home" of South African football is currently located on a large open tract of land owned by the South African Government. It is located approximately 15 kilometres southwest of the Johannesburg city centre and is serviced by road and rail. The entire precinct is earmarked for a significant mixed development upgrade, which will compliment the existing sporting and recreational node, which currently exists in the area. A large national sporting and recreational exhibition centre abuts the southeastern outer boundary of the precinct.

The Stadium is owned by the Soccer City Stadium Trust, and is the major venue in South Africa for international football matches.

The stadium will be upgraded to accommodate 94,700 spectators and will meet all the requirements as set by FIFA for a World Cup opening match and final.

TECHNICAL DESCRIPTION OF PROPOSED MEASURES

Structural Changes

The existing reinforced concrete superstructure above the embankment level on the western side will be extended to encircle the entire Stadium.

A roof is to be constructed to cover all the seats on the upper tier resulting in 30,910 spectators being seated under cover.

Four new circular access ramps will be constructed on each corner of the Stadium to facilitate easy spectator access.

New change rooms for the players and the referees are planned on the western side with direct access on to the pitch.

The number of turnstiles will be increased to 100 to conform to international best practise.

The remodelling of the Stadium will require the demolition of the existing floodlighting masts. New floodlighting will be installed on both the east and west sides of the new roof structure.

TECHNICAL AND ADMINISTRATIVE FACILITIES

Two new video display boards will be installed in the north and south stands as well as four dual line electronic scoreboards.

The existing masts and floodlights will be removed and a new floodlight system will be installed in linear arrangement as part of the new roof structure.

The following upgrades will also be undertaken:

- ◆ main intake substation to accommodate the proposed new upgrades;
- ◆ a closed circuit video surveillance system;
- ◆ fire detection and protection system.
- ◆ a security and police operations centre will be created on the 3rd level. The technical operations centre for the PA announcer, scoreboard operator, video replay screen producer and technical assistants will be accommodated on the 4th level.

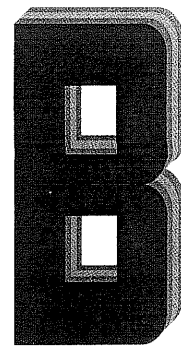
VIP AREAS

The stadium will comfortably accommodate the required minimum of 500 VIP Guests. Specially secure and comfortable presidential suites and lounges are available ensuring the best service. Toilets and sanitary facilities are in the direct vicinity.

Parking for the VVIPs will be within the stadium perimeter and the rest of the VIP guests will have easy access to the Stadium through a shuttle service from their parking or drop-off points.

SPONSOR/CORPORATE HOSPITALITY

There are 183 corporate hospitality suites that view the playing field and seat up to 4,941 guests.



There are an additional 4 function rooms that can accommodate 950 seated guests on the fourth level of the stadium.

CORPORATE HOSPITALITY/SPONSOR VILLAGE

The hospitality sites for both corporate and sponsor villages are in the direct vicinity of the Stadium and can accommodate 10,000 guests.

MEDIA AREAS

The Stadium will be able to accommodate the required number of Media representatives. This will include for the following:

Written Media:

Desks/observer seats	2000
Tribune photographers	100

TV and Radio:

TV/radio positions	400
TV observer seats	150
Radio observer seats	200

All the above will be accommodated on the upper tier (level 6) of the western pavilion.

The Media centre and the mixed zone will also be in the western pavilion on levels 2 and 3. Various studios will be provided on levels 3 and 4.


SECURITY

The undeveloped existing layout of the outer precincts of the Stadium lends itself to the creation of an extensive secured application of the concentric rings of security theory that will be applied to Soccer City Stadium during 2010 FIFA World Cup™.

Soccer City currently possesses a significant secured inner and a fenced outer perimeter. A three-perimeter spectator filtering and screening system will be applied at the Stadium that will involve the upgrading of the current fenced outer perimeter.

A new outer perimeter will be established, encompassing all of the open tracts of land presently surrounding the Stadium, particularly on its southwestern side and encircled by a second outer ring-road. The outer perimeter demarcating the traffic warning zone (TWZ) ranging in distance between 500 - 1,500 meters from the stadium, will be used to filter pedestrian and vehicle-transported match ticket and accreditation holders from the general public.

The secured middle perimeter, demarcating the commencement of the traffic-free zone, ranging in distance between 350 - 750 meters from the Stadium, will, inter alia, comprise a minimum of five primary spectator search points equipped with walk-through and technically advanced hand-held magnetometers where strict screening for prohibited and restricted items will take place.



A further visual match ticket check will take place at this point. A secured VIP and service vehicle screening area ('remote search park') manned by State security services, equipped with magnetometers, conveyor belt type X-ray machines and bomb detection and disposal equipment will also be located at an identified location, north-west of the Stadium, just inside the TWZ. The inner perimeter will feature a minimum of eight zoned spectator electronic ticket and accreditation verification turnstile areas consisting of a minimum total of one hundred turnstiles.

Each spectator and accredited person is individually processed at the turnstiles. Generic, clear and visible Stadium layout ('You are here') signage will be erected throughout the entire precinct within all three perimeters.

The general spectator area of the inner bowl of Soccer City is currently divided into four well-secured quadrants ('zones'), primarily separated by an impregnable 'moat.' These competing team spectator separation measures will remain in place, subject to any required upgrade to FIFA safety requirements.

A physical field perimeter security system consisting of an equally impregnable concrete 'moat' is currently in place. Likewise the existing 'moat' will be upgraded in line with FIFA safety requirements. A physically secured participating player and match official field of play access route is already in place.

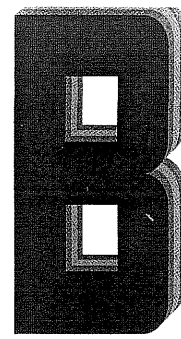
However, in terms of the planned Stadium upgrades, the existing secured player and match official dressing rooms and viewing areas will be relocated. As such part of the planned upgrade will incorporate the creation of a new, fully secured aesthetically pleasing player and match official 'tunnel' between the relocated dressing-rooms and the pitch. The Stadium's current venue operations centre from where the safety and security operations at the Stadium are current-

ly directed, will be relocated and upgraded into a modern facility, which will direct the entire on-site safety and security operation on a 24-hour basis throughout the tournament. The venue operations centre will be equipped with the digital control system of the Stadium and Stadium precinct's CCTV surveillance and recording system, computer equipment and peripherals, computer linked projector, electronic public address cut-in, dedicated multiple telecommunications lines and real-time data links to the electronic ticket/accreditation verification system and Johannesburg Metro Disaster Management Centre.

Soccer City will have a multi-zone digital CCTV surveillance and recording system for the stadium and its precincts, which will extend to the demarcated outer perimeter. This state-of-the art system will consist of a minimum of 32 cameras, 10 colour monitors, 5 remote-controllers and a digital compression, analogue backed-up recording and playback facility. All of the cameras will have a 360° pan, tilt & zoom and low-light capability.

The control system will be housed in the relocated venue operations centre. The system will have a real-time video/audio link to the Johannesburg Metro Disaster Management Centre. Finally, state-of-the-art biometric face recognition software will be loaded and integrated into the Stadium's planned CCTV system to enhance the proactive surveillance capabilities of the venue operations centre safety and security

Each checkpoint will have an electronic ticket and monitoring system.



STADIUM EQUIPMENT

Public Address Sound System

The stadium will be equipped with a distributed, zoned public address system for all public address and announcements including voice evacuation. It will be possible to select individual and/or combinations of zones. Master control units will be installed in the stadium manager's office, the technical operation centre and the venue operations centre.

The master control unit in the venue operations centre will take priority at all times enabling non-delayed over-ride. To ensure uninterrupted operation, the master control unit will be placed on a uninterrupted power supply.

The public address system will be linked to the broadcast compound area as well as the video replay screen to enable both the audio and visual aspect of flash/field interviews and advertisements.

Electronic Scoreboard and Video Replay Screen

As part of the Stadium upgrade, Soccer City will be equipped with two new combination high-resolution LED video replay screens and LED full matrix information boards. These boards will be utilised as a real time multimedia communication system, displaying text, graphics and video material. Team details, player profiles, electronic advertising videos, match replay action, highlight packages of previous matches and safety and security information will be some of the information relayed to the spectators.

In addition four dual line LED scoreboards will be installed to cover match score. The new installation

will also include the software and all video production equipment. The production team and technical assistants will be situated in the technical operation centre.

Floodlights

The new floodlighting system will be installed on the new roof structure.

The floodlighting system will be upgraded to a light intensity of 1,800 lux.

Emergency Power

The Stadium will be equipped with a distributed emergency power system to ensure that all essential systems will remain functional in the event of a power failure. These essential systems include the venue operations centre, the technical operations centre, the fire detection and protection systems, security and access control systems, voice evacuation systems, closed circuit video surveillance systems, floodlighting system and general emergency lighting for safe evacuation purposes.

PUBLIC CONVENIENCES/REFRESHMENT

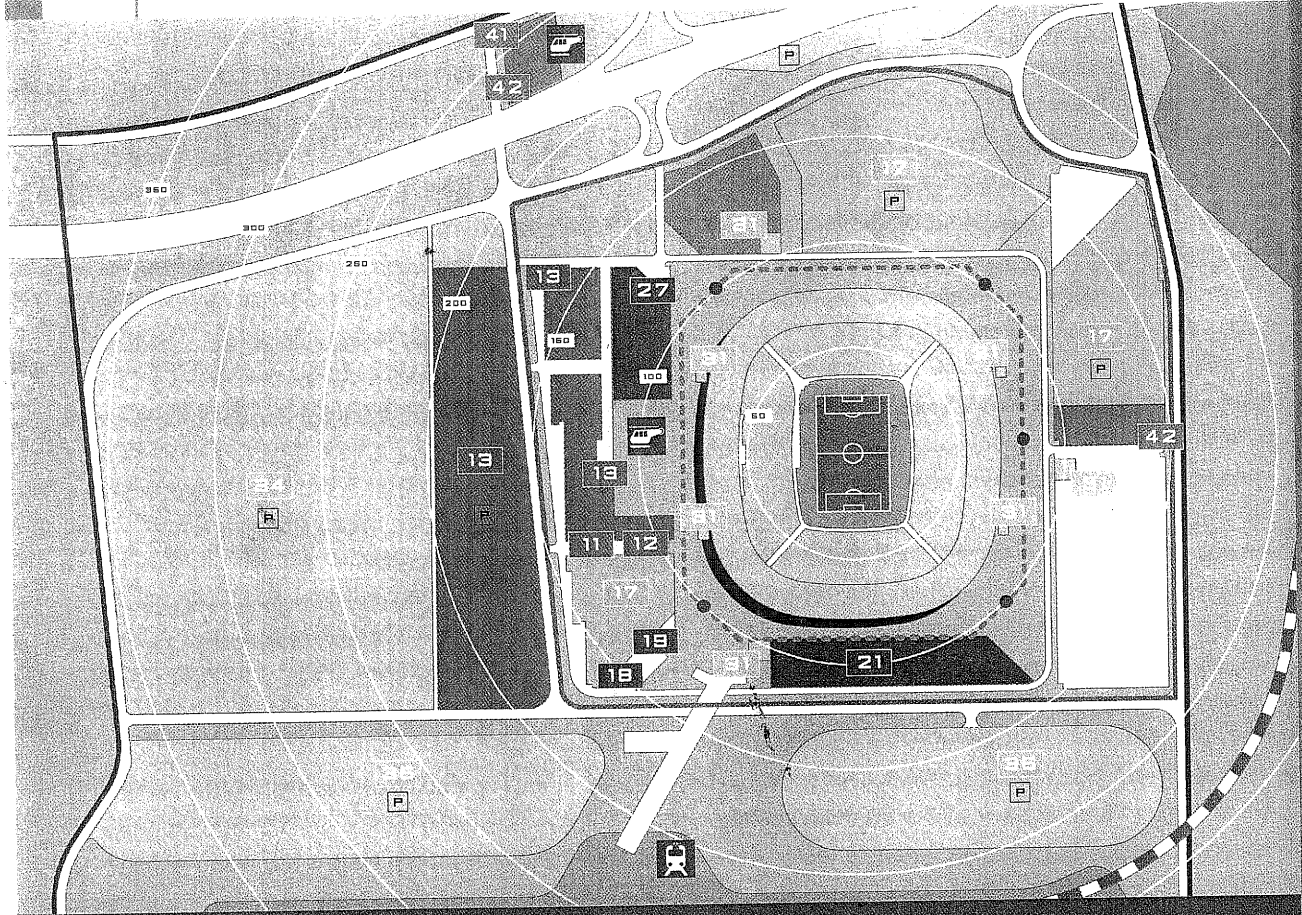
STALLS/FIRST AID POSTS

The public conveniences and concession's facilities will be upgraded to conform to what is regarded as international best practice.

FINANCING

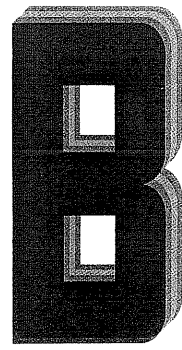
The total cost of upgrading and increasing the capacity of Soccer City is CHF 81.7m (USD 31.2m); and the South African Football Association has undertaken to fund this project in its entirety.

- | | | | |
|-----------|-------------------------------|-----------|------------------------------|
| 11 | Drop-off | 18 | Drop-off |
| 12 | Entrance | 19 | Entrance |
| 13 | Parking | 21 | Parking |
| 34 | Corporate/sponsor hospitality | 27 | Broadcast compound |
| | | | Medical |
| | | | Parking |
| | | | Transportation drop-off zone |
| | | 41 | Remote search park |
| | | 42 | Emergency vehicle pool |



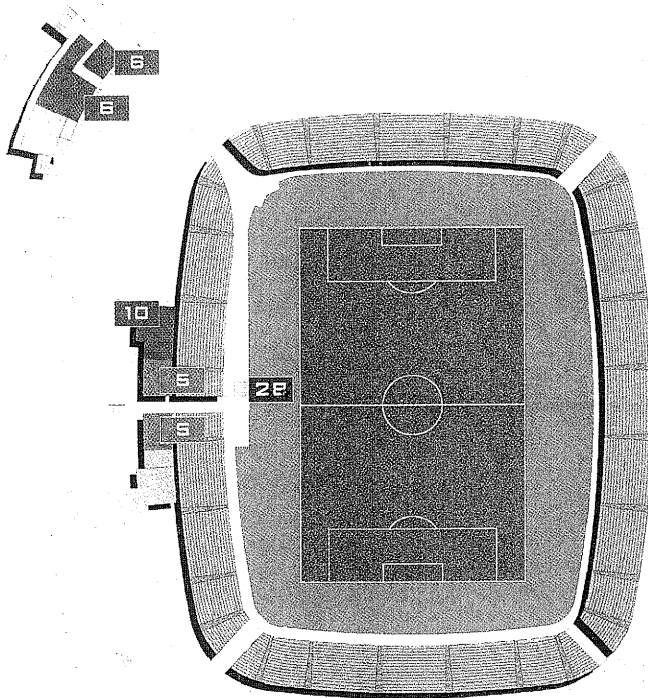
Internal perimeter (turnstiles)
 Middle perimeter (search points)
 Outer perimeter (traffic warning zone)
 Security gates

- | | |
|--|---------------------|
| | Match Operations |
| | Stadium Operations |
| | VIP |
| | Media |
| | General Public |
| | Security Operations |









Stadium Soccer City

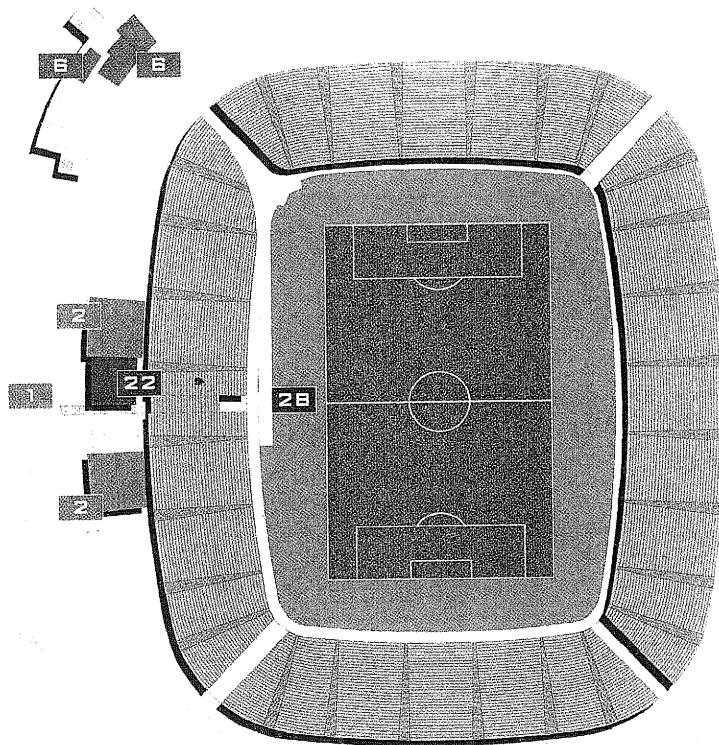
- Match Operations
- Stadium Operations
- VIP
- Media
- General Public
- Security Operations








LEVEL 1

- Medical care centre
- Doping control room
- Match officials' dressing room
- FIFA administration rooms
- Storage room
- Flash interview area

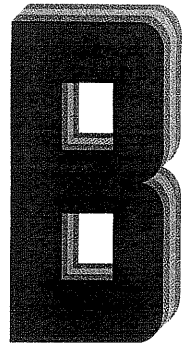
-  Match Operations
-  Stadium Operations
-  VIP
-  Media
-  General Public
-  Security Operations









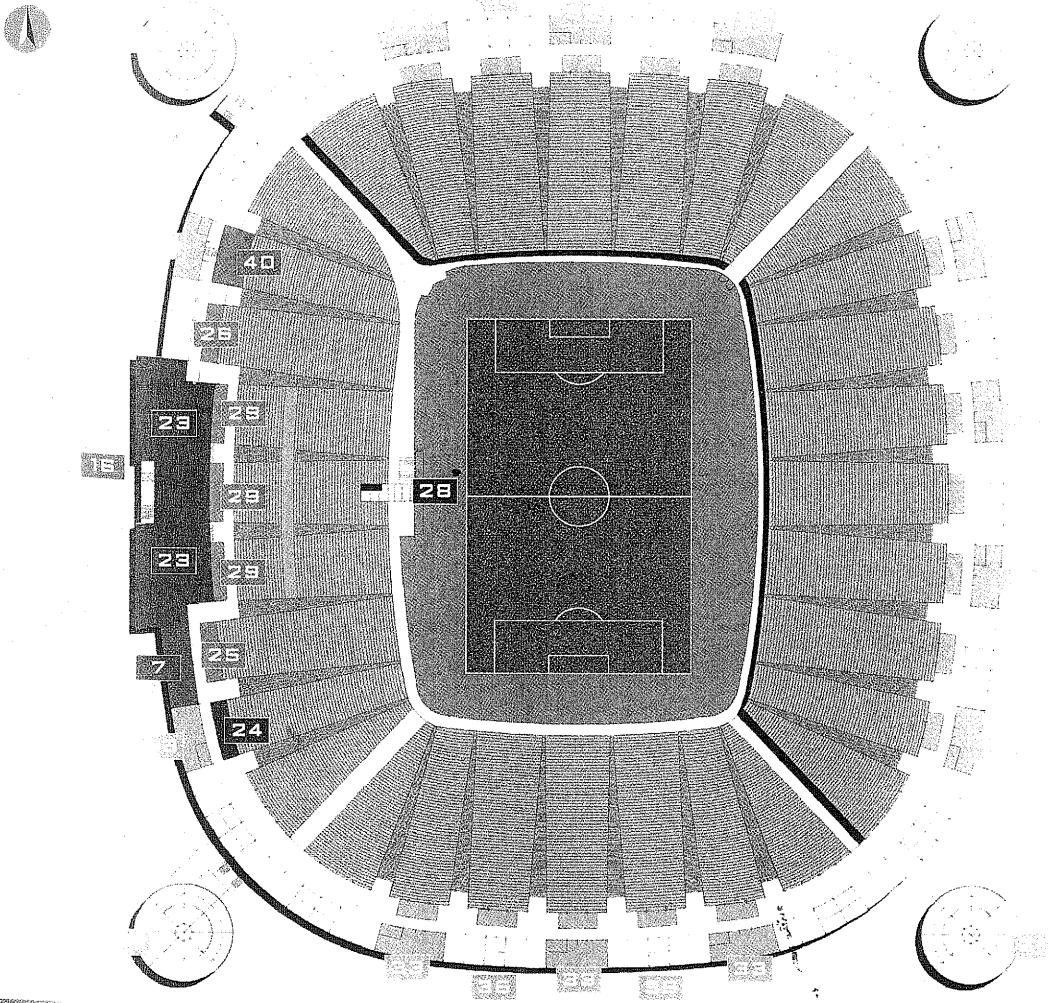
LEVEL 2

-  Team entrances
-  Team dressing rooms
-  FIFA general coordinating offices
-  Mixed zone
-  Flash interview area







Johannesburg Soccer City












-  Match Operations
-  Stadium Operations
-  VIP
-  Media
-  General Public
-  Security Operations

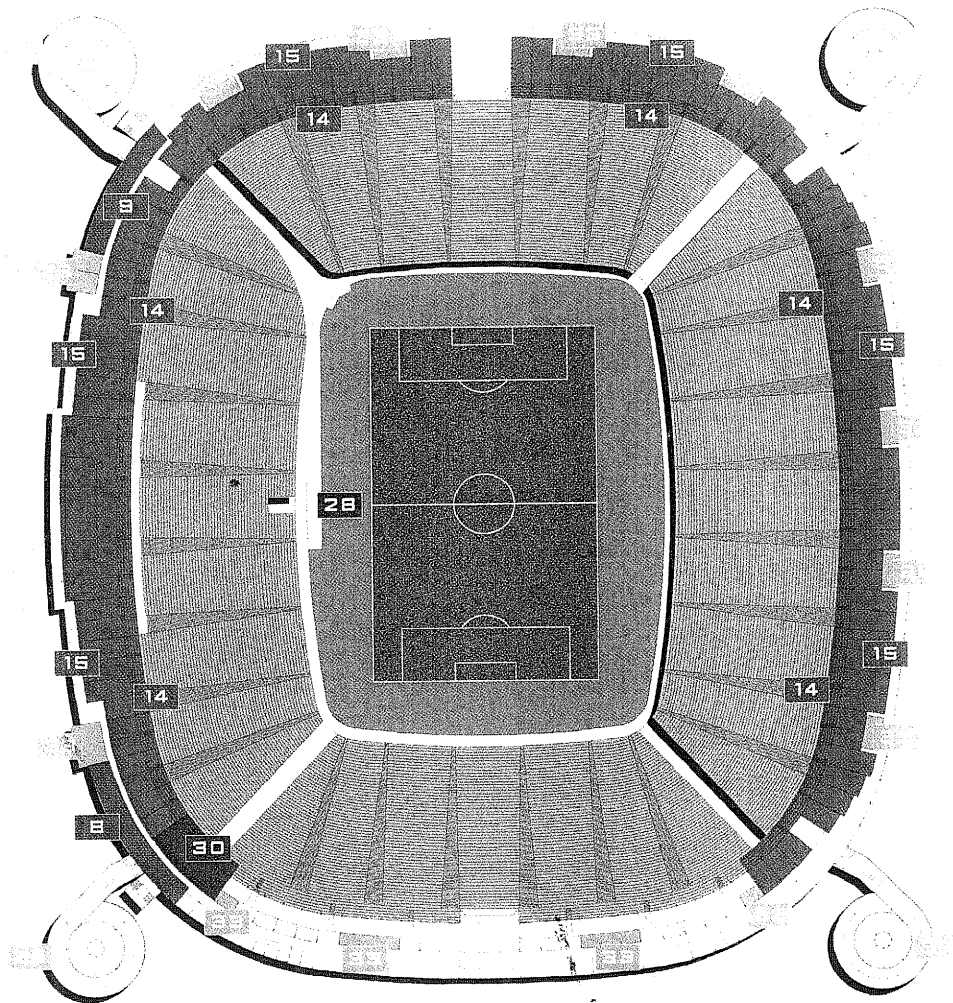


LEVEL 3









-  7 Meeting room
-  18 Elevator
-  23 Media workroom
-  24 Photographer workroom
-  25 Dark room
-  26 Interview room
-  28 Flash interview area
-  29 Presentation studios

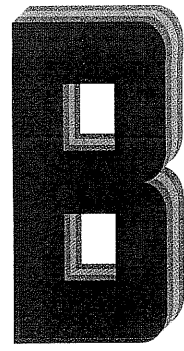
-  Concessions
-  Public entrances
-  40 Venue operations centre

-  Match Operations
-  Stadium Operations
-  VIP
-  Media
-  General Public
-  Security Operations

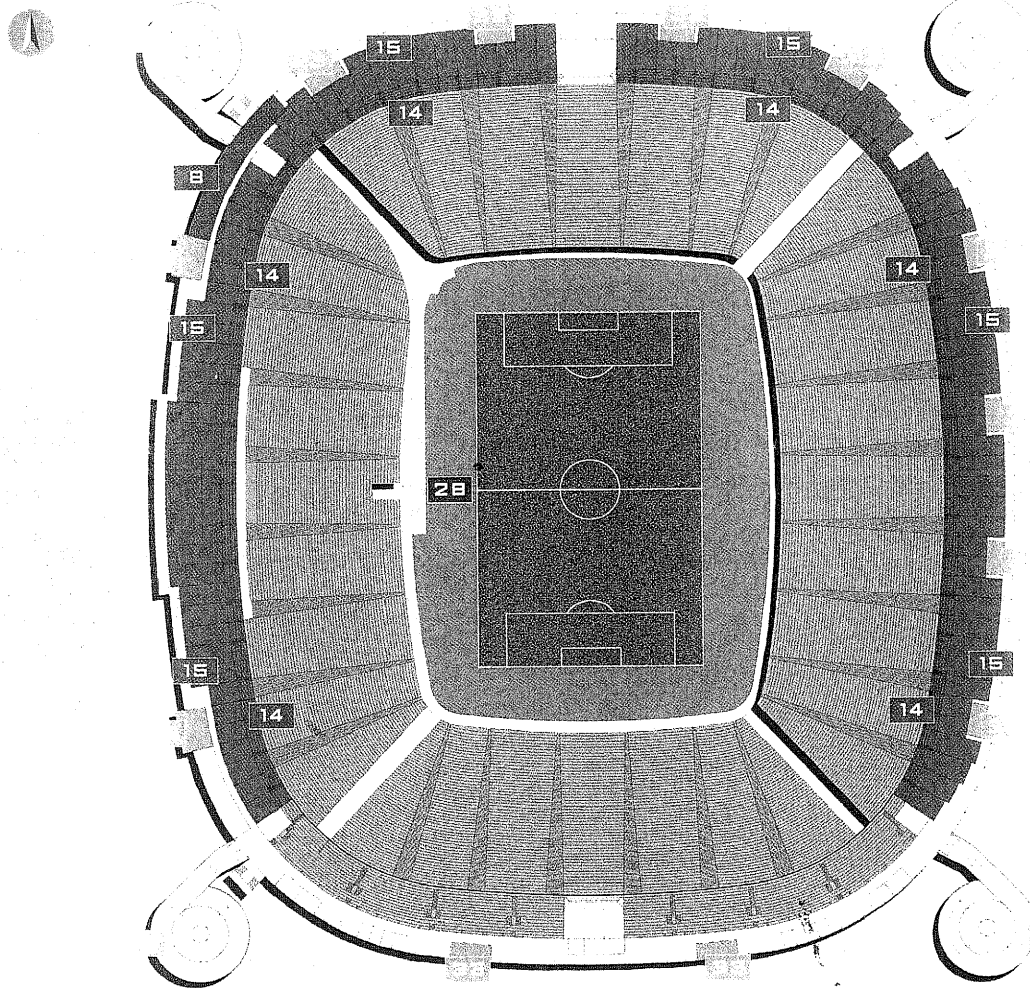


LEVEL 4

-  Stadium management office
-  World Cup operations offices
-  Seating
-  Hospitality
-  Flash interview area
-  TV studios
-  Concessions
-  Public entrances









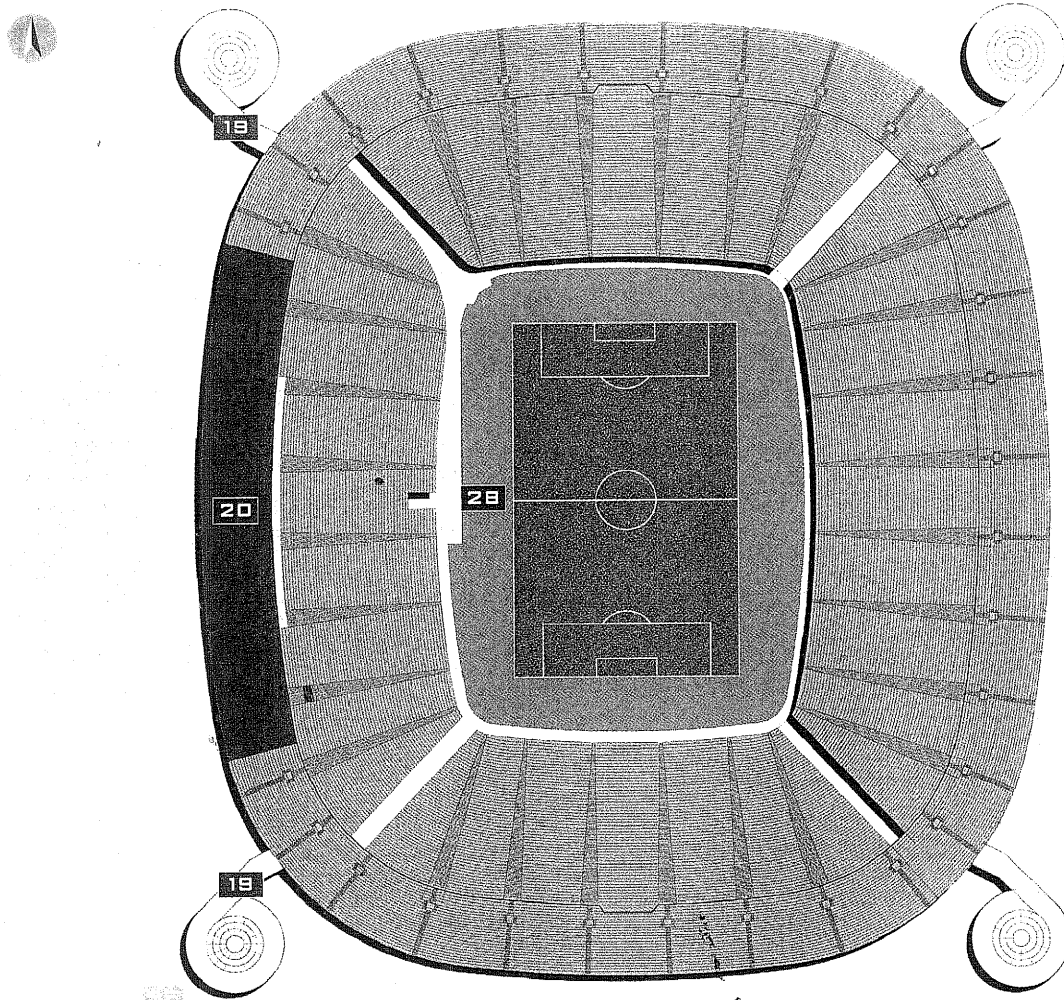
- Match Operations
- Stadium Operations
- VIP
- Media
- General Public
- Security Operations







LEVEL 5

- 8 Stadium management office
- 14 Seating
- 15 Hospitality
- 2B Flash interview area
- 28 Concessions
- Public entrances

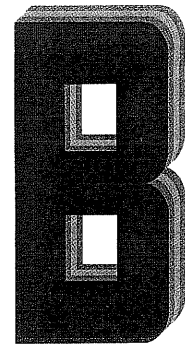
-  Match Operations
-  Stadium Operations
-  VIP
-  Media
-  General Public
-  Security Operations



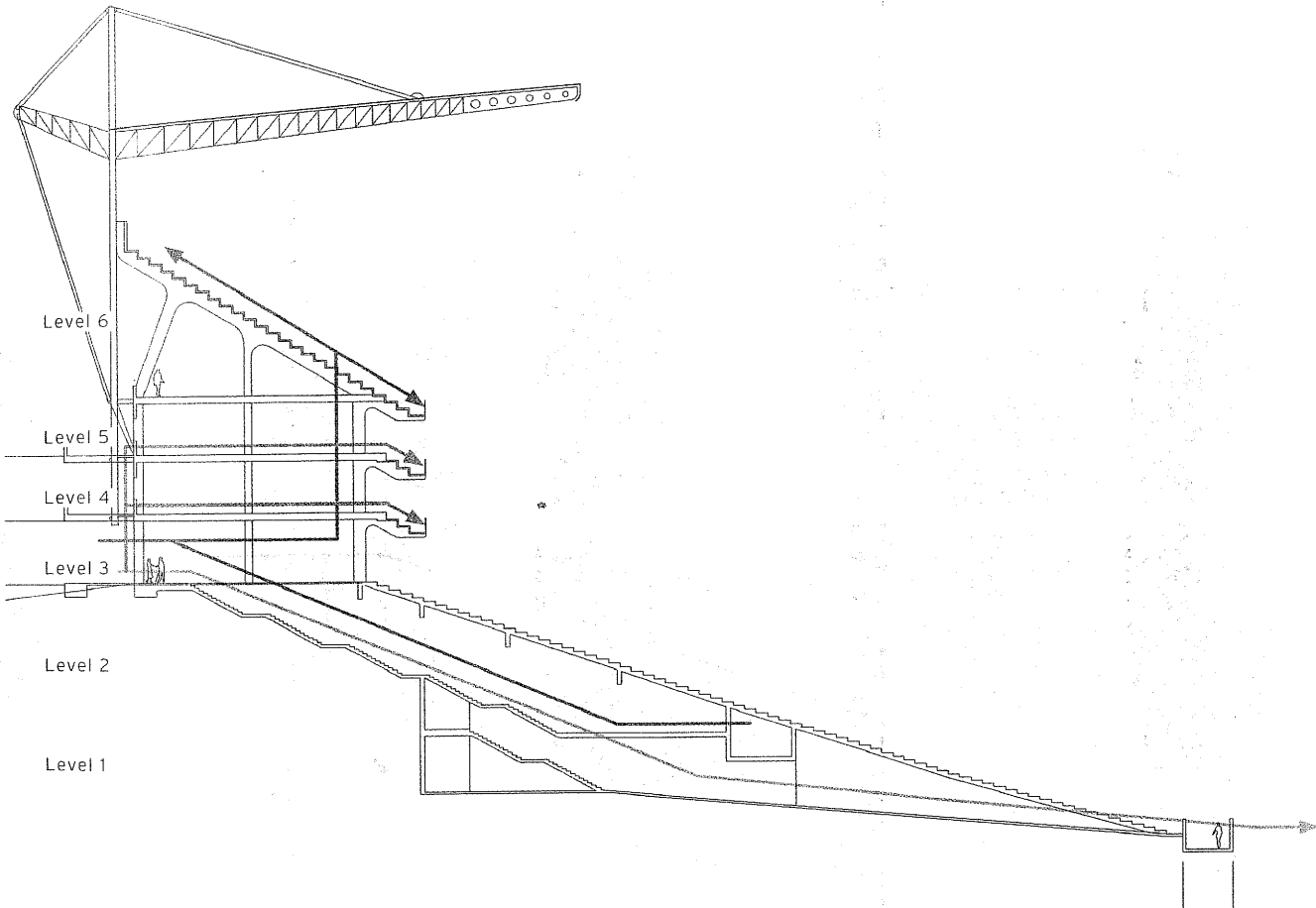
LEVEL 6

-  Entrance
-  Seating
-  Flash interview area
-  Public entrances

Johannesburg Soccer City



VIP
Media
General Public



SECTION

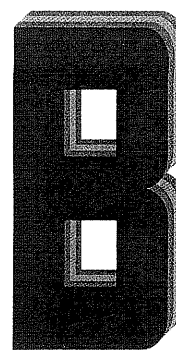
Technical Description

1. The Stadium

Name	Soccer City	
City	Johannesburg	
Number of inhabitants	4.1 million	
Owner	Soccer City Stadium Trust	
Name of club using the Stadium	Orlando Pirates, Kaizer Chiefs	
Contact person	Dennis A Mumble	
	Phone No	+27 11 494-3640/1
	Fax No	+27 11 494-3005
	E-mail Address	society@global.co.za

2. Distance and duration of journey by car/bus to the stadium

From Johannesburg International Airport	40km	30min
From the team hotel	25km	20min
From the FIFA hotel	24km	19min
From the city centre	15km	13min



3. Capacity

Total number of seats	94,700
Number of seats under cover	30,910
VIP seats	500
Media representatives	3,650
Seats for disabled persons	230
VIP boxes	183
VIP reception area/lounge	1,800m ²

4. Playing Surface

Dimensions of the playing surface	Length 105m, Width 68m
Type of playing surface	Grass
Separation of spectators from playing field	Moat
Place for substitutes	Seating for 50 persons
Place for match officials	Seating for 4 persons
Substitute goals	Yes
Running track around field	No
Space between field of play and edge of spectator seating area	
♦ To goalline	13m
♦ To touchline	16m
Type of surface of space between field of play and edge of spectator seating area to the goalline	Grass and moat

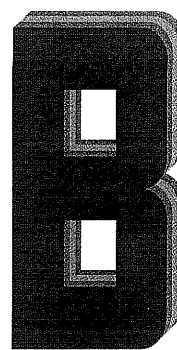
5. Technical Installations

Lighting lux power	1,800 lux
Reliable time-keeping system with a pertinent electronic scoreboard	Yes
Video capability on electronic scoreboard (giant screen)	Yes

CCTV installation (closed circuit television)	Yes
Loudspeaker system	Yes
Emergency generator	Yes

6. Team Facilities

Dressing rooms for players	4
Dressing Room No. 1	
◆ Size of dressing room	150m ²
◆ Lockers	Yes 25
◆ Massage tables	Yes 3
◆ Power points	Yes 8
◆ Refrigerator	Yes
◆ Number of showers	10
◆ Hot water	Yes
◆ Number of toilets	3
◆ Toilets with seats	Yes 3
◆ Air conditioning	Yes
◆ Room for team technicians	Yes 30m ²
◆ Room for kit managers	Yes 30m ²
Dressing Room No. 2	
◆ Size of dressing room	150m ²
◆ Lockers	Yes 25
◆ Massage tables	Yes 3
◆ Power points	Yes 8
◆ Refrigerator	Yes
◆ Number of showers	10
◆ Hot water	Yes

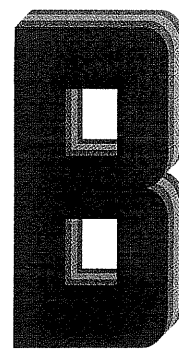


◆ Number of toilets		3
◆ Toilets with seats	Yes	3
◆ Air conditioning	Yes	
◆ Room for team technicians	Yes	30m ²
◆ Room for kit managers	Yes	30m ²
Dressing Room No. 3		
◆ Size of dressing room		63m ²
◆ Lockers	Yes	15
◆ Massage tables	Yes	3
◆ Power points	Yes	2
◆ Refrigerator	Yes	
◆ Number of showers		6
◆ Hot water	Yes	
◆ Number of toilets		2
◆ Toilets with seats	Yes	2
◆ Air conditioning	Yes	
◆ Room for team technicians	No	-
◆ Room for kit managers	No	-
Dressing Room No. 4		
◆ Size of dressing room		45m ²
◆ Lockers	Yes	15
◆ Massage tables	Yes	1
◆ Power points	Yes	1
◆ Refrigerator	Yes	
◆ Number of showers		8
◆ Hot water	Yes	
◆ Number of toilets		8
◆ Toilets with seats	Yes	8

◆ Air conditioning	Yes	
◆ Room for team technicians	No	-
◆ Room for kit managers	No	-

7. Referees' Facilities

Dressing Rooms for Referees and Assistant Referees		2
Dressing Room No. 1		
◆ Size of dressing room		50m ²
◆ Lockers	Yes	4
◆ Massage tables	Yes	1
◆ Power points	Yes	4
◆ Refrigerator	Yes	
◆ Number of showers		2
◆ Hot water	Yes	
◆ Number of toilets		1
◆ Toilets with seats	Yes	
◆ Air conditioning	Yes	
Dressing Room No. 2		
◆ Size of dressing room		50m ²
◆ Lockers	Yes	4
◆ Massage tables	Yes	1
◆ Power points	Yes	4
◆ Refrigerator	Yes	
◆ Number of showers		2
◆ Hot water	Yes	
◆ Number of toilets		1
◆ Toilets with seats	Yes	
◆ Air conditioning	Yes	



8. FIFA Administration Rooms

Storeroom with direct access to the pitch	Yes	60m ²
FIFA Office 1	Yes	40m ²
FIFA Office 2	Yes	40m ²
FIFA Office 3	Yes	40m ²
FIFA Office 4	Yes	40m ²
FIFA Office 5	Yes	40m ²
FIFA Office 6	Yes	40m ²
FIFA Office 7	Yes	40m ²
Office infrastructure (tables/chairs/telephone/fax/copier)	Yes	
Meeting room for at least 25 people	Yes	

9. Medical Service

Facilities in the Stadium to give first aid to spectators	Yes	
Number of first aid posts		12
Equipment	Yes	
Location		On site
Infirmaries for teams/referees	Yes	180m ²
◆ Examination bed	Yes	
◆ Wash basins	Yes	
◆ First aid kit	Yes	
◆ Air conditioning	Yes	
◆ Stretchers	Yes	20
Doping control room	Yes	120m ²
◆ Number of toilets		2
◆ Number of showers		2

◆ Air conditioning	Yes
◆ Refrigerator	Yes
◆ Television	Yes

10. Signposting in the Stadium (Coding and Signposting, etc. of the various sectors)

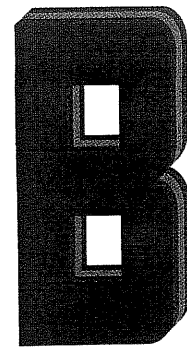
Sectors clearly indicated and segregated	Yes
Entrances, corridors, gangways and public amenities clearly signposted	Yes

11. Telephone Installations

Reliable telephone links with	
◆ Security service control post	Yes
◆ Room of the medical staff	Yes
◆ Ticket booth	Yes
◆ Ground staff room and Stadium announcer	Yes

12. Safety Measures

Video surveillance facilities	Yes	
Number of cameras in total		32
◆ Number of cameras : inside area		16
◆ Number of cameras : adjacent area		16
Second security cordon before entrance	Yes	
Exit doors inside playing surface	Yes	2



13. Security Forces and Fire Brigade

Central command post for the security forces and fire brigade

Yes

Security operational team

Yes

Emergency operational plan

Yes

14. Stadium Entrances

Number of gates

80

Number of turnstiles

100

Other means of access (type and number)

◆ Vehicular/emergency gates

80

15. Stadium Exits

Number and size proportionate to the capacity of the Stadium

Yes

Number of gates

80

16. Parking Space (with separate Entrances)

For team buses

◆ Location

West

◆ Distance from dressing rooms

50m

For referees' vehicles

◆ Location

West

◆ Distance from dressing rooms

50m

For the vehicles of officials and guests

◆ Location

West

◆ Number

500

◆ Distance from VIP entrance

100 - 200m

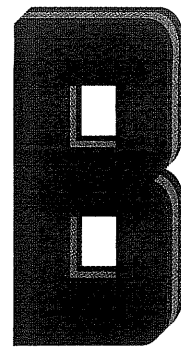
For Media vehicles	
◆ Location	West
◆ Number	300
◆ Distance from the Stadium	50 - 100m
For spectators' vehicles	
◆ Location	Around Stadium
◆ Number	20,000
◆ Distance from the Stadium	200 - 1,000m
For police and security vehicles	
◆ Location	East
◆ Number	15
◆ Distance from the Stadium	50 - 150m
For the ambulances	
◆ Location	East
◆ Number	15
◆ Distance from the Stadium	50 - 150m

17. Public Conveniences

Sufficient public toilets available	Yes
Number of ladies' toilets	1,065
Number of gentlemen's toilets	926

18. Refreshment Stands

Number of stands (food)	24
Number of stands (drink)	18
Storeroom on each level	Yes 20m ²



19. Ticket Booths

Number of ticket booths

20

20. Media

Media centre (equipment/phones/power points)

◆ Location

West - Level 2

◆ Size of Media centre

1,850m²

Mixed zone

◆ Location

West - Level 3

◆ Size of mixed zone

750m²

Television commentary cabins

◆ Location

West - Level 4

◆ Number of cabins

260

Radio commentary cabins

◆ Location

West - Level 4

◆ Number of cabins

140

Press seats

◆ Location

West - Level 6

◆ Number of seats

2,000

Press seats with desks/table tops

2,000

Seats equipped with power points/phone points

1,200

Storeroom

Yes

20m²

Number of offices

9/25m² each

Office infrastructure (tables/chairs/telephones/
fax/copier)

Yes

Meeting room

Yes

Briefing room

Yes

21. Other Rooms in the Stadium on Pitch Level

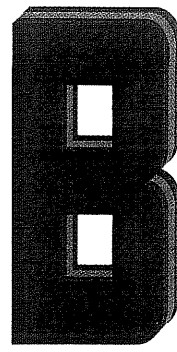
Storeroom with direct access to pitch (boards)	Yes	650m ²
Rooms for FIFA's youth programme	Yes	25m ²
Other Room 1	Yes	20m ²
Other Room 2	Yes	20m ²
Other Room 3	Yes	20m ²
Other Room 4	Yes	20m ²
Office infrastructure (tables/chairs/telephones/ fax/copier)	Yes	
Storeroom 1	Yes	50m ²
Storeroom 2	Yes	50m ²
Storeroom 3	Yes	50m ²
Storeroom 4	Yes	50m ²

22. VIP/Hospitality Area

VIP lounge 1	Yes	600m ²
VIP lounge 2	Yes	500m ²
VVIP lounge	Yes	200m ²
Office 1	Yes	25m ²
Office 2	Yes	25m ²

23. Training Stadium

Dimensions of the playing surface	Length 105m, Width 68m
Distance from the Stadium	8km
Distance from the team hotel	9km
Type of playing surface	Grass
Number of dressing rooms	4



Fixed/removable goals	Yes
Substitute goals	Yes
Separation of spectators/Media from field	Yes
Running track around field	Yes

24. Other

Advertising inside Stadium	Yes
Flagpoles	Yes
Communication system in the Stadium	
◆ Head-set walkie-talkies	Yes
◆ Mobiles	Yes
Helipad	Yes

25. Timetable

Detailed plans of the construction and/or renovations	Yes
Exact date of the completely functional Stadium	April 2007