

The general spectator area of the inner bowl of Free State Stadium will be divided into four quadrants ('zones') where FIFA approved competing team spectator separation measures, demarcating each zone, will be in place. A physical field perimeter security system consisting of a combination robust fence and pitch perimeter barrier is currently in place.

The field perimeter security system will be upgraded by the installation of a more aesthetic and functional barrier, erected according to FIFA specifications regarding the 1.5 meter height restriction. A physically secured participating player and match official field of play access route is already in place.

The Stadium's current venue operations centre, from where the safety and security operations at the Stadium are currently directed, will be relocated and upgraded into a world class 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 planned 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 links to the Bloemfontein Metro disaster management centre.

The Stadium management is planning a major multi-zone digital CCTV surveillance and recording system upgrade for the Stadium and its entire precincts. This new installation will extend to the

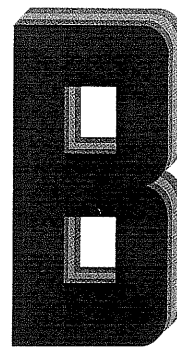
extent of the outer perimeter and all of the primary pedestrian and vehicular access routes to the Stadium. A particular focus area will be the four planned spectator screening areas which will be situated at the middle perimeter on the northern and southern sides of the Stadium.

The planned system will consist of a minimum of 16 cameras, 5 colour monitors, 3 remote-controllers and a digital compression and analogue backed-up recording and play-back facility. All of the cameras will have a 360° pan, tilt and zoom and low-light capability. The entire control system will be installed in the relocated venue operations centre.

The system will have a real-time video and audio link to the Bloemfontein Metro disaster management centre. Biometric face recognition software will also be incorporated into the CCTV system to enhance the proactive surveillance capabilities of the on-site safety and security personnel.

Each checkpoint will have an electronic ticket and monitoring system ensuring that only spectators entitled to admission can pass through.

The entire Stadium and its immediate surroundings will be monitored by remote-controlled cameras. Eight cameras will be placed inside the Stadium and 8 cameras will be placed outside the Stadium in order to monitor the surrounding areas. These cameras will be operated from and monitored by the security and police operations centre. Images will be recorded in both digital and VCR format. Selected frames can be printed. All games will be recorded on tape and will be documented and stored in an archive system.



## STADIUM EQUIPMENT

### Public Address Sound System

After modernisation the Free State Stadium will be equipped with an upgraded 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 managers' 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 override. To ensure uninterrupted operation, the master control unit will be placed on an 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. The public address sound system will also cover the gating perimeter of the Stadium.

### Electronic Scoreboard and Video Replay Screen

As part of the upgrade, the Stadium will be equipped with one new combination high-resolution LED video replay screen and LED full matrix information board. This board 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 the 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 floodlighting system will be upgraded to a light intensity of 1,500lux.

### Emergency Power

The Stadium will be equipped with a distributed emergency power system in order to ensure that all essential systems will remain functional in the event of a power failure. 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

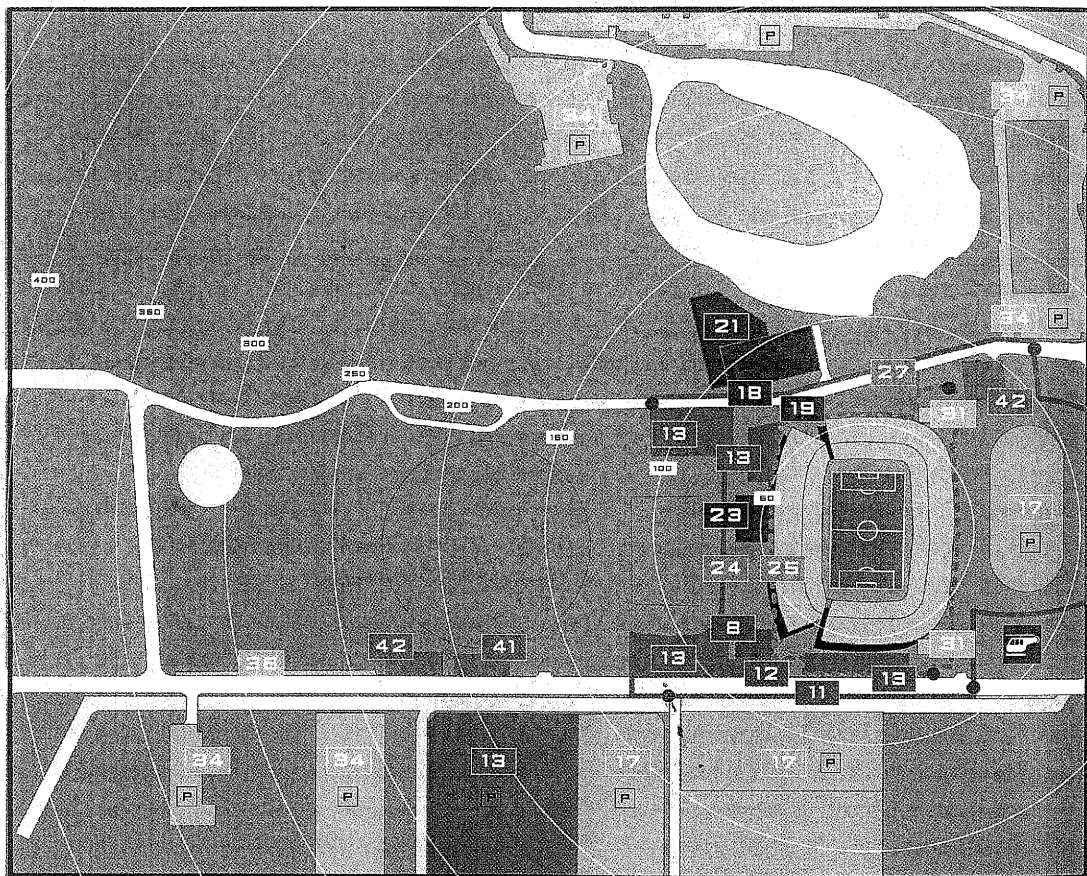
The public conveniences and concessions facilities will be upgraded to conform to best practice.

### FINANCING

The renovation measures will cost in the region of CHF 15.8m (USD 6.0m), and will be funded by the South African Football Association.

- 8** Stadium management office
- 11** Drop-off
- 12** Entrance
- 13** Parking
- 17** Corporate/sponsor hospitality
- 18** Drop-off
- 19** Entrance







- 21** Parking
- 23** Media workroom
- 24** Photographer workroom
- 25** Dark room
- 27** Broadcast compound
- Medical
- Parking
- Transportation drop off zone
- 41** Remote search park
- 42** Emergency vehicle pool

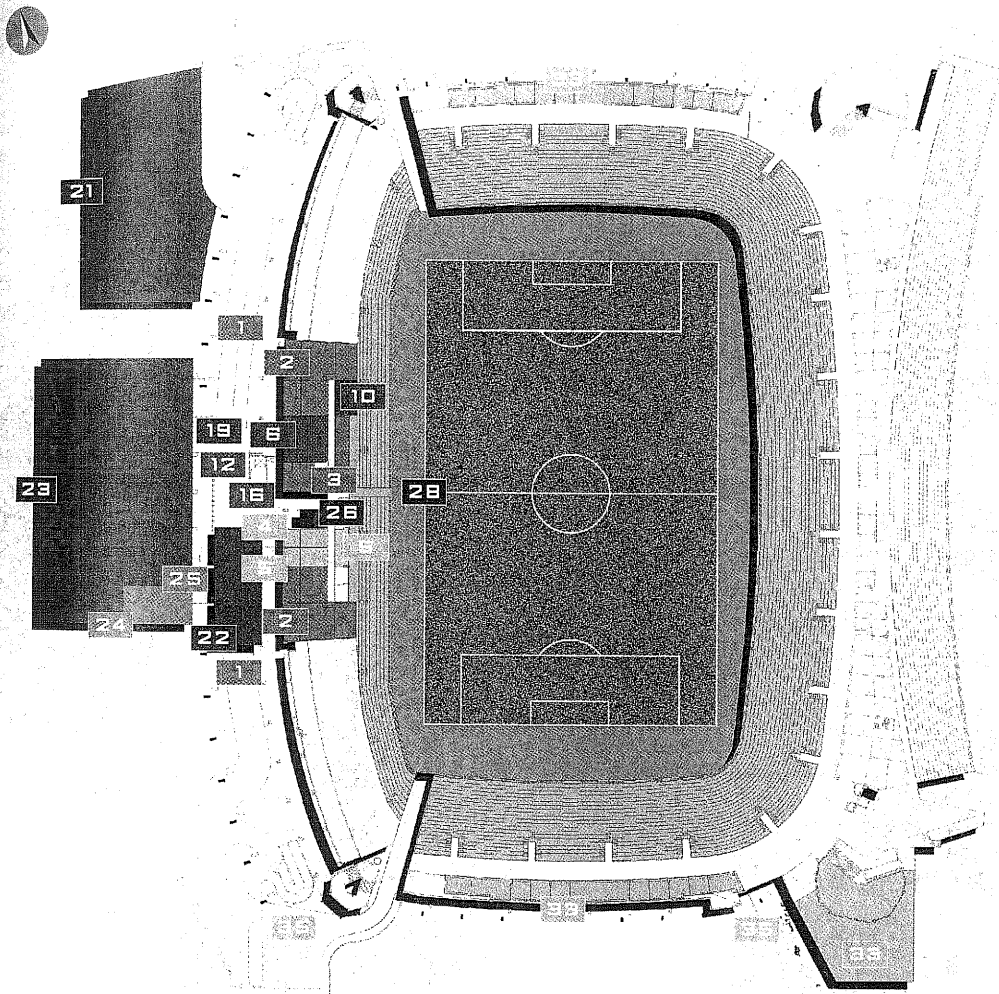


- Internal perimeter (turnstiles)
- Middle perimeter (search points)
- Outer perimeter (traffic warning zone)
- Security gates




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







## Wahlfontein Free State Stadium

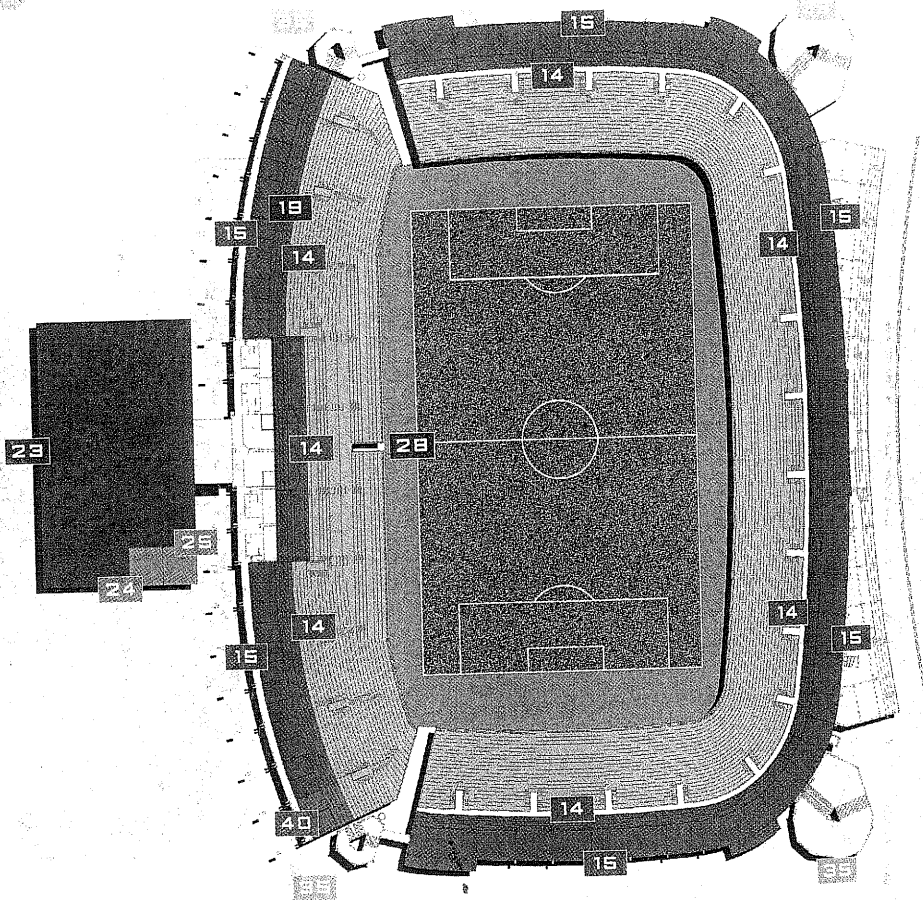
-  Match Operations
-  Stadium Operations
-  VIP
-  Media
-  General Public
-  Security Operations












### LEVEL 1

- |  |                              |  |                       |
|--|------------------------------|--|-----------------------|
|  1  | Team entrances               |  21 | Parking               |
|  2  | Team dressing rooms          |  22 | Mixed zone            |
|  3  | Medical care centre          |  23 | Media workroom        |
|  4  | Doping control room          |  24 | Photographer workroom |
|  5  | Match official dressing room |  25 | Dark room             |
|  6  | FIFA administration rooms    |  26 | Interview room        |
|  10 | Storage room                 |  28 | Flash interview area  |
|  12 | Entrance                     |  29 | Concessions           |
|  18 | Elevator                     |  36 | Public entrances      |
|  19 | Entrance                     |  |                       |







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

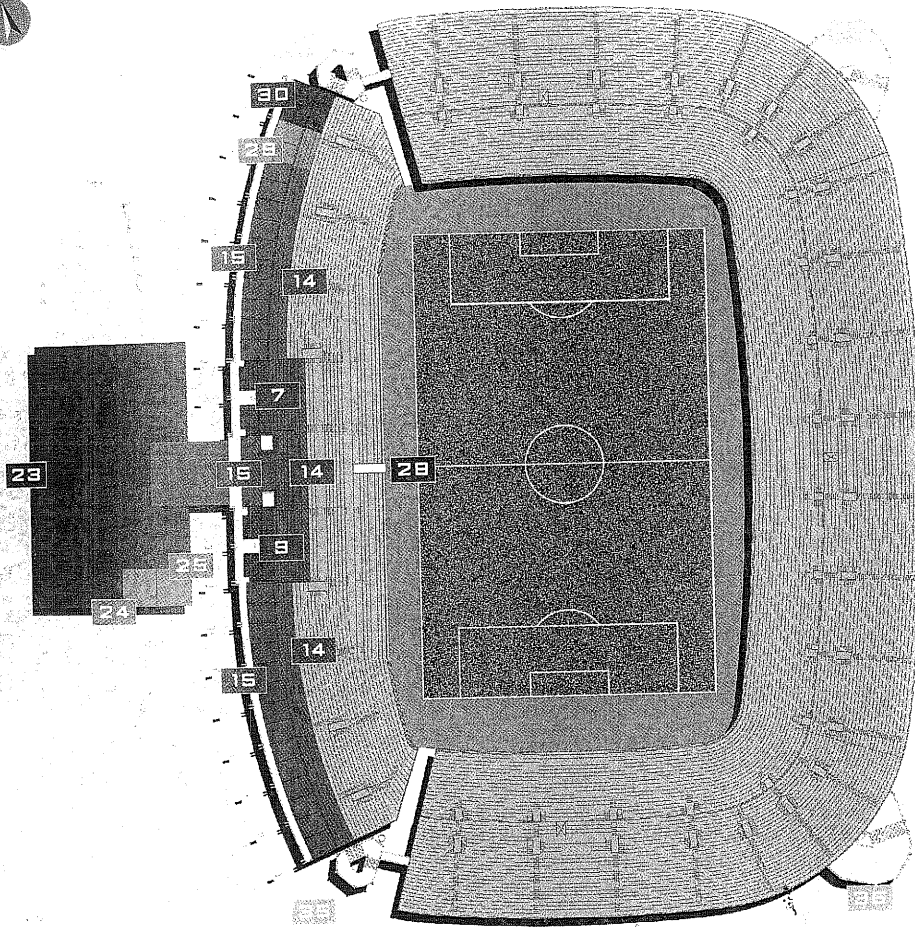


### LEVEL 2











-  Seating
-  Hospitality
-  Entrance
-  Media workroom
-  Photographer workroom
-  Dark room
-  Flash interview area
-  Public entrances
-  Venue operations centre







## Bloemfontein Free State Stadium

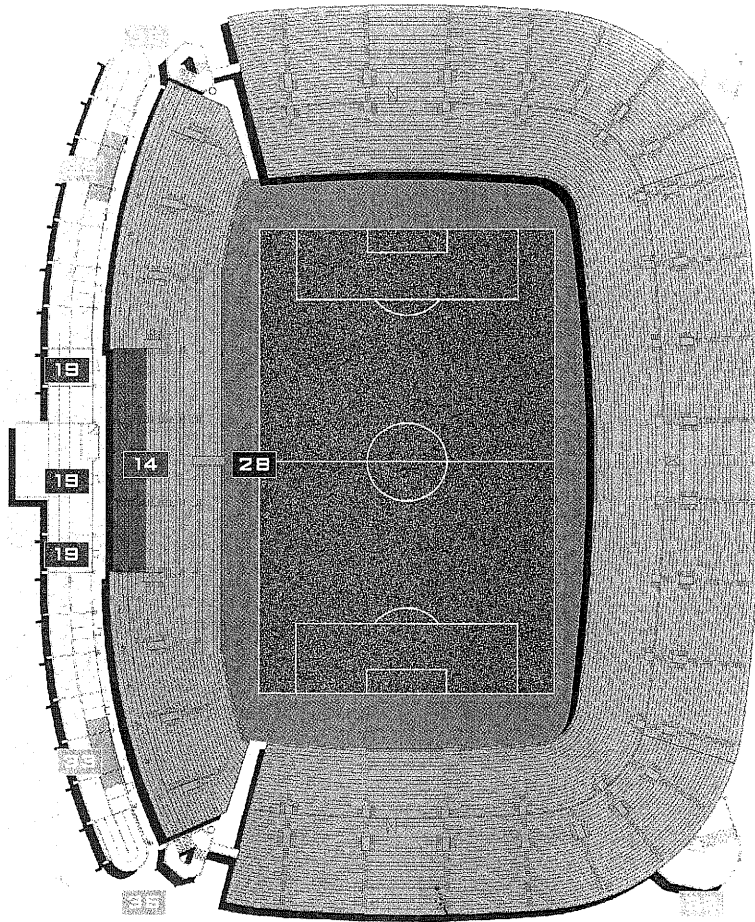
-  Match Operations
-  Stadium Operations
-  VIP
-  Media
-  General Public
-  Security Operations








### LEVEL 3

- |  |   |
|--|---|
|  Meeting room                 |  Media workroom        |
|  World Cup operations offices |  Photographer workroom |
|  Seating                      |  Dark room             |
|  Hospitality                  |  Flash interview area  |
|  |  Presentation studios  |
|  |  TV studios            |
|  |  Public entrances      |

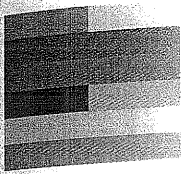
-  Match Operations
-  Stadium Operations
-  VIP
-  Media
-  General Public
-  Security Operations



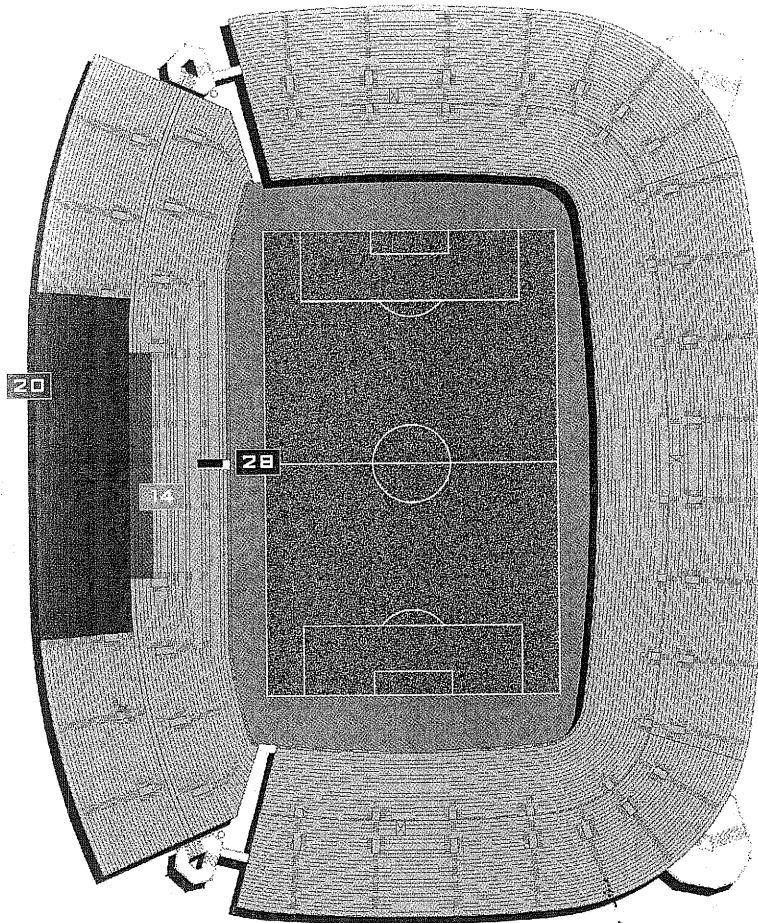
**LEVEL 4**

-  Seating
-  Entrance
-  Flash interview area
-  Concessions
-  Public entrances

## Bloemfontein Free State Stadium



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

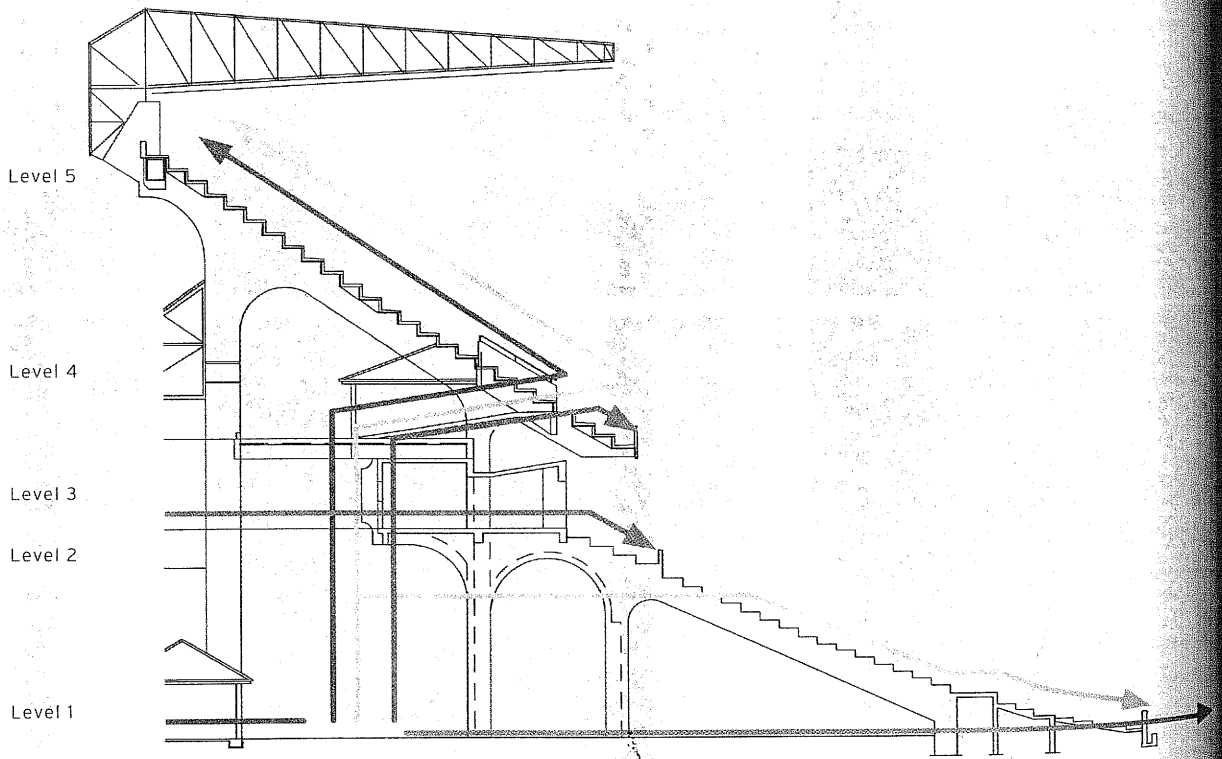


### LEVEL 5

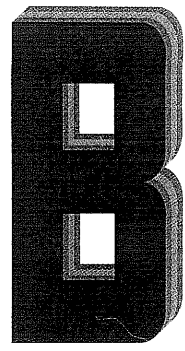
- 14 Seating
- 20 Seating
- 28 Flash interview area



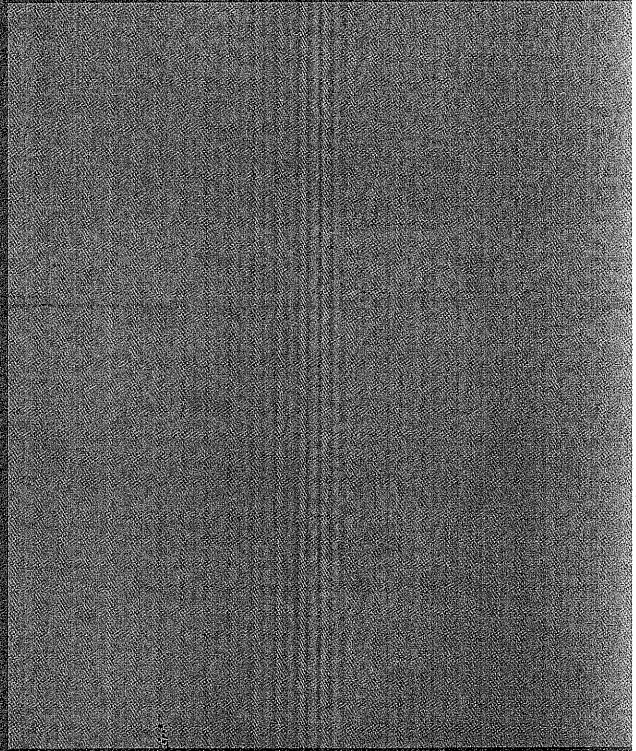
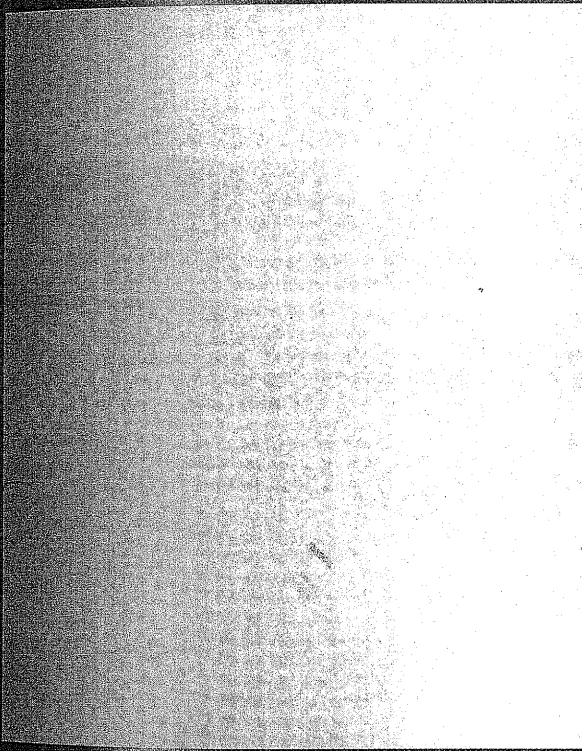
V.I.P  
Media  
General Public



SECTION - WEST TRIBUNE



Shosfontein Free State Stadium



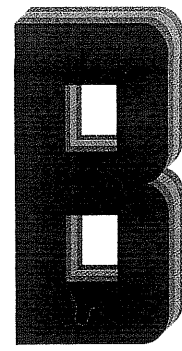
# Technical Description

## 1. The Stadium

Name	Free State Stadium	
City	Bloemfontein	
Number of inhabitants	645,000	
Owner	Mangaung Municipality	
Name of club using the Stadium	Bloemfontein Celtic	
Contact person	Gerde von Solms	
	Phone No	+27 51 407-1700
	Fax No	+27 51 447-3581
	E-mail Address	cheetahs@mweb.co.za
	Web-Site	www.fscheetahs.co.za

## 2. Distance and Duration of Journey by Car/Bus to the Stadium

From Bloemfontein Airport	17km	20 min
From the team hotel	2km	3min
From the FIFA hotel	5km	7min
From the city centre	5km	5min



## Bloemfontein Free State Stadium

### 3. Capacity

Total number of seats	40,000
Number of seats under cover	18,100
VIP seats	500
Media representatives	1,825
Seats for disabled persons	60
VIP boxes	85
VIP reception area/lounge	900m <sup>2</sup>

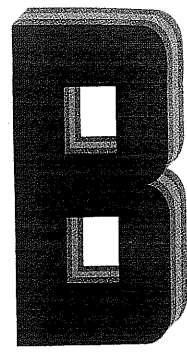
### 4. Playing Surface

Dimensions of the playing surface	Length 105m, width 68m
Type of playing surface	Grass
Separation of spectators from playing field	Fence
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	12m
♦ To touchline	8m
Type of surface of space between field of play and edge of spectator seating area to the goalline	Grass

### 5. Technical Installations

Lighting lux power	1,500 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	
<b>6. Team Facilities</b>		
Dressing rooms for players		4
Dressing Room No. 1		
◆ Size of dressing room		150m <sup>2</sup>
◆ 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	
◆ Air conditioning	Yes	
◆ Room for team technicians	Yes	30m <sup>2</sup>
◆ Room for kit managers	Yes	30m <sup>2</sup>
Dressing Room No. 2		
◆ Size of dressing room		150m <sup>2</sup>
◆ Lockers	Yes	25
◆ Massage tables	Yes	3
◆ Power points	Yes	8
◆ Refrigerator	Yes	
◆ Number of showers		10
◆ Hot water	Yes	



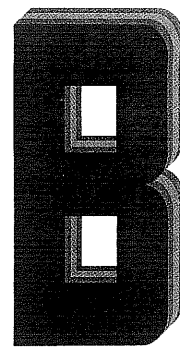
## Bloemfontein Free State Stadium

◆ Number of toilets		3
◆ Toilets with seats	Yes	
◆ Air conditioning	Yes	
◆ Room for team technicians	Yes	30m <sup>2</sup>
◆ Room for kit managers	Yes	30m <sup>2</sup>
Dressing Room No. 3		
◆ Size of dressing room		80m <sup>2</sup>
◆ Lockers	Yes	25
◆ Massage tables	Yes	2
◆ Power points	Yes	4
◆ Refrigerator	Yes	
◆ Number of showers		6
◆ Hot water	Yes	
◆ Number of toilets		2
◆ Toilets with seats	Yes	
◆ Air conditioning	Yes	
◆ Room for team technicians	No	
◆ Room for kit managers	No	
Dressing Room No. 4		
◆ Size of dressing room		80m <sup>2</sup>
◆ Lockers	Yes	25
◆ Massage tables	Yes	2
◆ Power points	Yes	4
◆ 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

#### 7. Referees' Facilities

Dressing Rooms for Referees and Assistant Referees	2
Dressing Room No. 1	
◆ Size of dressing room	40m <sup>2</sup>
◆ 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	40m <sup>2</sup>
◆ 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	30m <sup>2</sup>
FIFA Office 1	Yes	16m <sup>2</sup>
FIFA Office 2	Yes	16m <sup>2</sup>
FIFA Office 3	Yes	16m <sup>2</sup>
FIFA Office 4	Yes	16m <sup>2</sup>
FIFA Office 5	Yes	16m <sup>2</sup>
FIFA Office 6	Yes	16m <sup>2</sup>
FIFA Office 7	Yes	16m <sup>2</sup>
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		10
Equipment	Yes	
Location		On site
Infirmaries for teams/referees	Yes	60m <sup>2</sup>
◆ Examination bed	Yes	
◆ Wash basins	Yes	
◆ First aid kit	Yes	
◆ Air conditioning	Yes	
◆ Stretchers	Yes	15
Doping control room	Yes	40m <sup>2</sup>
◆ 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)**

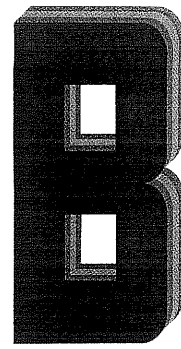
Sectors clearly indicated and segregated	Yes
Entrances, corridors, gangways and public amenities clearly signposted	Yes

**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	16
◆ Number of cameras : inside area	8
◆ Number of cameras : adjacent area	8
Second security cordon before entrance	Yes
Exit doors inside playing surface	5



**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

10

Number of turnstiles

45

Other means of access (type and number)

◆ Vehicular/emergency gates

10

**15. Stadium Exits**

Number and size proportionate to the capacity of the Stadium

Yes

Number of gates

10

**16. Parking Space (with separate Entrances)**

For team buses

◆ Location

South Ground

◆ Distance from dressing rooms

50m

For referees vehicles

◆ Location

South Ground

◆ Distance from dressing rooms

50m

For the vehicles of officials and guests

◆ Location

South and West

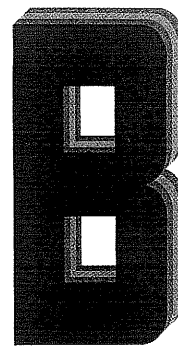
◆ Number

180

◆ Distance from VIP entrance

100m

For Media vehicles	
◆ Location	North
◆ Number	180
◆ Distance from the Stadium	100m
For spectators' vehicles	
◆ Location	Around Stadium
◆ Number	1,000
◆ Distance from the Stadium	200 - 1,000m
For police and security vehicles	
◆ Location	On site
◆ Number	20
◆ Distance from the Stadium	50m
For the ambulances	
◆ Location	On site
◆ Number	10
◆ Distance from the Stadium	50m
<b>17. Public Conveniences</b>	
Sufficient public toilets available	Yes
Number of ladies' toilets	500
Number of gentlemen's toilets	380
<b>18. Refreshment Stands</b>	
Number of stands (food)	16
Number of stands (drink)	12
Storeroom on each level	Yes 20m <sup>2</sup>



Bloemfontein Free State Stadium

**19. Ticket Booths**

Number of ticket booths 34

**20. Media**

Media centre (equipment/phones/power points)

◆ Location West Ground

◆ Size of Media centre 1,350m<sup>2</sup>

Mixed zone

◆ Location West Ground

◆ Size of mixed zone 600m<sup>2</sup>

Television commentary cabins

◆ Location West - Level 3

◆ Number of cabins 200

Radio commentary cabins

◆ Location West - Level 3

◆ Number of cabins 100

Press seats

◆ Location West - Level 5

◆ Number of seats 600

Press seats with desks/table tops 600

Seats equipped with power points/phone points 300

Storeroom Yes 20m<sup>2</sup>

Number of offices 4/25m<sup>2</sup> 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 <sup>2</sup>
Rooms for FIFA's youth programme	Yes	20m <sup>2</sup>
Other Room 1	Yes	16m <sup>2</sup>
Other Room 2	Yes	16m <sup>2</sup>
Other Room 3	Yes	16m <sup>2</sup>
Other Room 4	Yes	16m <sup>2</sup>
Office infrastructure (tables/chairs/telephones/ fax/copier)	Yes	
Storeroom 1	Yes	40m <sup>2</sup>
Storeroom 2	Yes	40m <sup>2</sup>
Storeroom 3	Yes	40m <sup>2</sup>
Storeroom 4	Yes	40m <sup>2</sup>

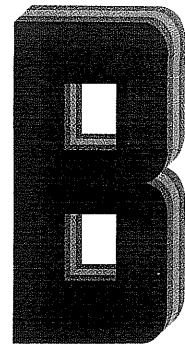
### 22. VIP/Hospitality Area

VIP lounge 1	Yes	400m <sup>2</sup>
VIP lounge 2	Yes	350m <sup>2</sup>
VVIP lounge	Yes	120m <sup>2</sup>
Office 1	Yes	25m <sup>2</sup>
Office 2	Yes	25m <sup>2</sup>

### 23. Training Stadium

Dimensions of the playing surface	Length 105m, width 68m
Distance from the Stadium	14km
Distance from the team hotel	12km
Type of playing surface	Grass
Number of dressing rooms	4





Bloemfontein Free State Stadium

Fixed/removable goals	Yes
Substitute goals	Yes
Separation of spectators/Media from field	Yes
Running track around field	No
<b>24. Other</b>	
Advertising inside Stadium	Yes
Flagpoles	Yes
Communication system in the Stadium	
◆ Head-set walkie-talkies	Yes
◆ Mobiles	Yes
Helipad	Yes
<b>25. Timetable</b>	
Detailed plans of the construction and/or renovations	Yes
Exact date of the completely functional Stadium	June 2007

# Safety Certificate

<b>MANGAUNG</b> LOCAL MUNICIPALITY/PLAASLIKE MUNISIPALITEIT/LEKGOTLA LA MOTSE DIRECTORATE COMMUNITY & SOCIAL DEVELOPMENT SUB-DIRECTORATE SOCIAL DEVELOPMENT		
PO Box 3704, Bloemfontein, 9300	Tel: 405 8513 Fax: 405 8473	Our ref: K Mcejwa/sp 13/3
E-mail: Mcejwa@civic.mangaungcity.co.za		Your ref:

1 August 2003

The President  
FIFA  
Hitzigweg 11  
P O Box 8030  
Zurich  
SWITZERLAND

**ATTENTION: MR BLATTER**

Sir

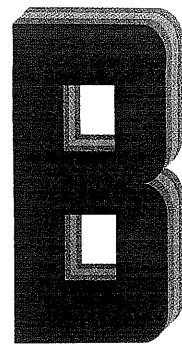
**PUBLIC SAFETY REQUIREMENTS: BLOEMFONTEIN STADIUM**

It is hereby confirmed that according to our most recent records, Bloemfontein Stadium, which is proposed for use as a venue during the 2010 FIFA World Cup currently complies with all existing public safety requirements.

Furthermore, we confirm that the Stadium once upgraded will similarly comply with all public safety requirements.

We trust the above meetings with your approval.

  
**GENERAL MANAGER: SOCIAL DEVELOPMENT**  
krm/public safety requirements bfn 06/2010/sp



## Declaration of Undertaking



The President  
FIFA  
Hiltzigweg 11  
P.O.Box 85  
CH-8030 Zurich  
SWITZERLAND

*First National Bank Stadium*  
NASREC  
PO Box 910  
Johannesburg 2000  
South Africa  
Telephone: (011) 494-3522  
Fax: (011) 494-494-3013

Dear Mr Blatter

Re: **Financing of upgrades of the Free State Stadium in compliance with the list of requirements to host the 2010 FIFA World Cup**

We refer to the above and confirm that the South African Football Association guarantees the payment of the costs of upgrading the Free State Stadium in an amount of US\$ 6,0 million (CHF 15,8 million) in order for the stadium to comply with the FIFA list of requirements for stadiums to host 2010 FIFA World Cup matches.

We advise that the South African Football Association will raise the funds from National, Provincial and Local Government structures together with Public and Private sector partners.

We trust that our confirmation meets your requirements.

Yours sincerely

M. N. Oliphant  
President  
South African Football Association



# Construction Schedule

Activities

Planning and preparation

Local authority approval

Tenders

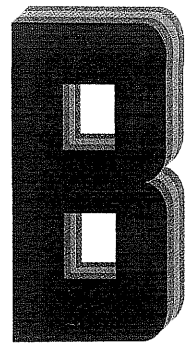
Construction of west grandstand

Media requirements

Technical upgrades

Floodlighting

External works



Bloemfontein Free State Stadium

Activities

2004

2005

2006

2007

Preparation

Approval

Tenders

Groundstand

Stairways

Upgrades

Lighting

Final works

