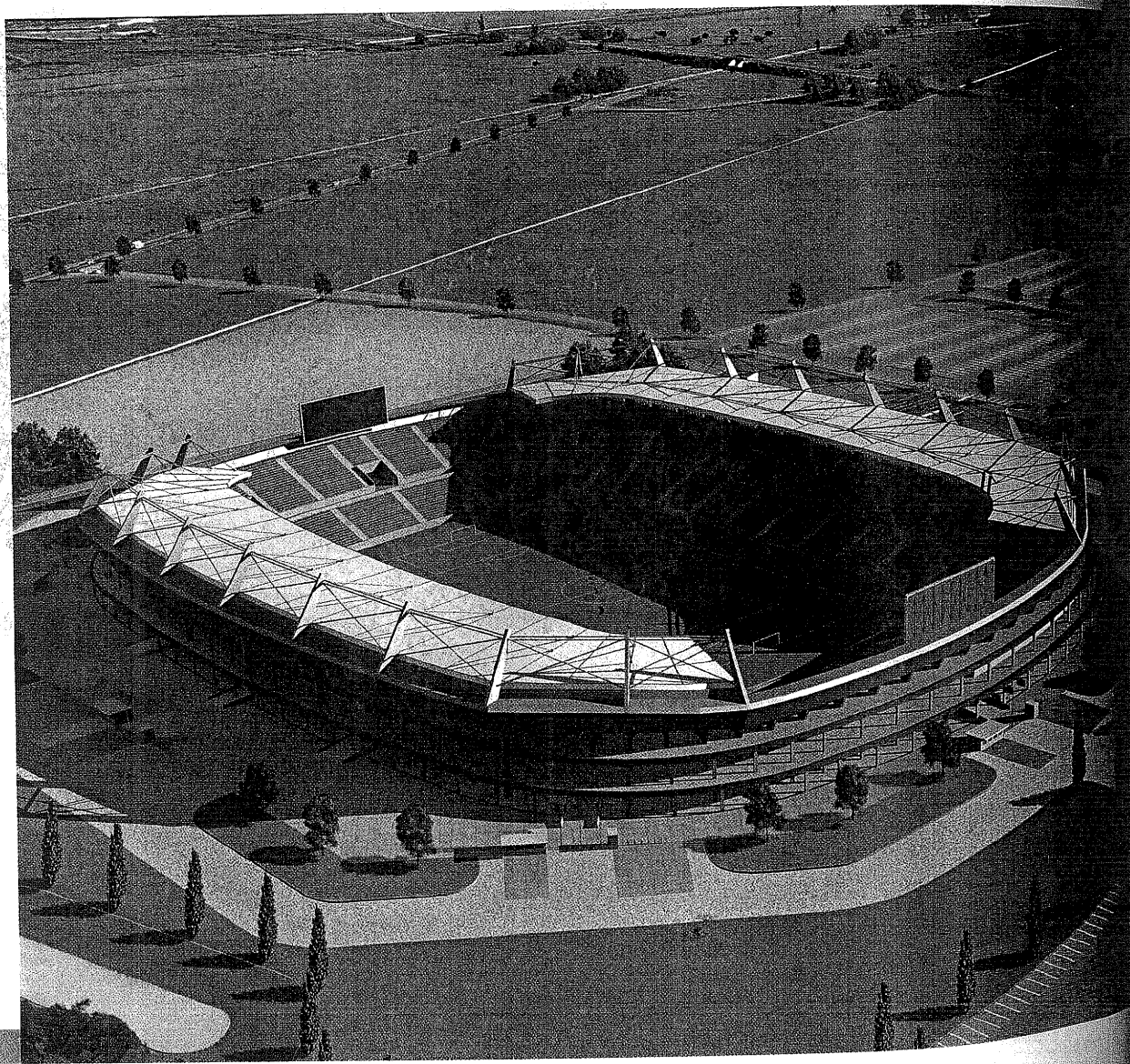
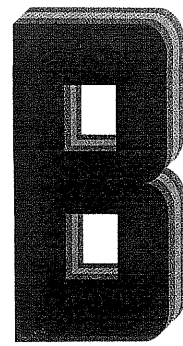


Orkney Oppenheimer Stadium





Orkney Oppenheimer Stadium

Name of the Stadium	Oppenheimer Stadium
City	Orkney, Potchefstroom, Klerksdorp
Owner	Anglogold Mine
Completion of construction	April 2007
Location	Orkney Mine
Total lot size	68,000m ²
Number of levels	5
Seating capacity	40,000

- B.8.1 Area Plan
- B.8.2 Ground Plan Ground Level
- B.8.3 Ground Plan Level 1
- B.8.4 Ground Plan Level 2
- B.8.5 Ground Plan Level 3
- B.8.6 Ground Plan Level 4
- B.8.7 Stadium Section
- B.8.8 FIFA Questionnaire
- B.8.9 Declaration of Undertaking
- B.8.10 Safety Certificate
- B.8.11 Construction Schedule

UPGRADING

Oppenheimer Stadium forms part of the Vaal Reefs Mining environment and is owned by this mining group.

The Stadium needs to be upgraded to conform to the required minimum standards for a Stadium to host a 1st or 2nd round match.

The Stadium is in a good condition and has a current capacity of 25,000 spectators. It has an athletics track around the football pitch. To increase the capacity to the required 40,000, excluding the VIPs and the Media, the embankments around the Stadium will be enlarged by constructing a reinforced concrete structure behind the existing earth embankment.

In addition, the athletics track will be sacrificed to allow excavation to the front of the existing seats adding a number of additional spectator seats.

The existing roof covering the main stand will be replaced with a new roof covering the extended main stand.

The perimeter security fence will be improved to include a total of 40 turnstiles located at regular intervals around the Stadium perimeter.

TECHNICAL DESCRIPTION OF PROPOSED MEASURES

The following technical equipment will be installed:

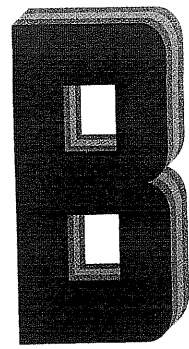
- ◆ A new video display board in the northern stand;
- ◆ Four additional dual line electronic scoreboards to be added at strategic positions;
- ◆ The existing floodlighting installation to be upgraded;
- ◆ A new public address sound system;
- ◆ A new closed circuit video surveillance system;
- ◆ A new fire detection and protection system.

TECHNICAL AND ADMINISTRATIVE FACILITIES

The new venue operations centre will be located at the top of the spectator level in the western stand. The technical control centre where the Stadium public address announcer, scoreboard operator, video replay screen producer and technical assistants will be seated will also be situated on this level.

VIP AREAS

Specially secure and comfortable presidential suites and lounges are available for 500 VIPs and guests of honour ensuring the best service. Toilets and catering facilities are in the direct vicinity.



Orkney Oppenheimer Stadium

CORPORATE HOSPITALITY/SPONSORS

The corporate sponsors will be accommodated in the eastern stand under the protection of the new extended roof. The hospitality area is in close proximity.

MEDIA AREAS

The Stadium will be able to accommodate the required number of Media representatives.

This includes the following:

Written Media:

Desks/observer seats	600
Tribune photographers	50

TV and Radio:

TV/radio positions	250
TV observer seats	150
Radio observer seats	125

All the above will be accommodated in the western stand under the new extended roof.

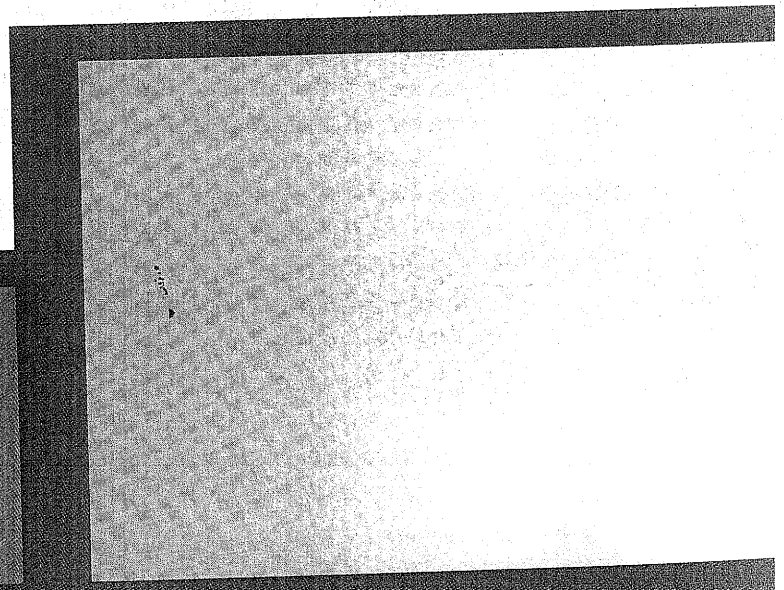
The various studios will also be constructed on the upper seating level.

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 which will be applied to Oppenheimer Stadium.

The Stadium 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, which perimeter will then become the middle perimeter. A new outer perimeter encompassing all of the open tracts of land on the northern, southern and eastern precincts of the complex will be established.

The outer perimeter demarcating the traffic warning zone, will range in distance between 150 - 600 metres from the Stadium, and will be used to filter pedestrian and vehicle-transported match ticket and accreditation holders from the general public.



It will be bordered by outer ring roads on the eastern, southern and northern sides of the sports complex. The secured middle perimeter, ranging in distance between 70 - 150 meters from the Stadium, will be comprised of a minimum of seven primary spectator search points equipped with walk-through and 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 be located at an identified purpose built vehicle screening facility, located on the southern middle perimeter boundary of the Stadium.

The well secured, inner perimeter will feature a minimum of four zoned spectator electronic ticket and accreditation verification turnstile areas consisting of a minimum total of 50 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 the Stadium is currently divided into a lower tier and a main stand on the western side.

However, for the purposes of the 2010 FIFA World Cup™, four well secured quadrants ('zones') will be demarcated on both the upper and lower tiers of the new spectator areas for the purposes of competing team spectator separation. This physical security upgrade will be undertaken strictly in line with FIFA

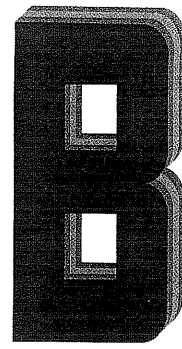
specifications. The entire pitch will be secured by a spectator barrier which will conform to current FIFA specifications. A physically secured participating player and match official field of play access route is already in place.

The Stadium's 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 planned 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 the Orkney Disaster management centre.

A major multi-zone digital CCTV surveillance and recording system will be installed for the Stadium and its precincts, which will extend to the demarcated outer perimeter. The planned system will consist of a minimum of 20 cameras, 5 colour monitors, 4 remote-controllers and a digital compression, analogue backed-up recording and play-back 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. Finally biometric face recognition software will be loaded and integrated into the Stadiums planned CCTV system to enhance the proactive surveillance capabilities of the safety and security personnel.



STADIUM EQUIPMENT

Public Address Sound System

After upgrading, Oppenheimer 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 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 modernisation, Oppenheimer 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 display 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 upgraded flood lighting system will be installed using both the new roof structure and two new masts placed on the north-east and south-east sides of the Stadium. The new system will have a light intensity of 1,500 lux.

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.

PUBLIC CONVENIENCES/REFRESHMENT

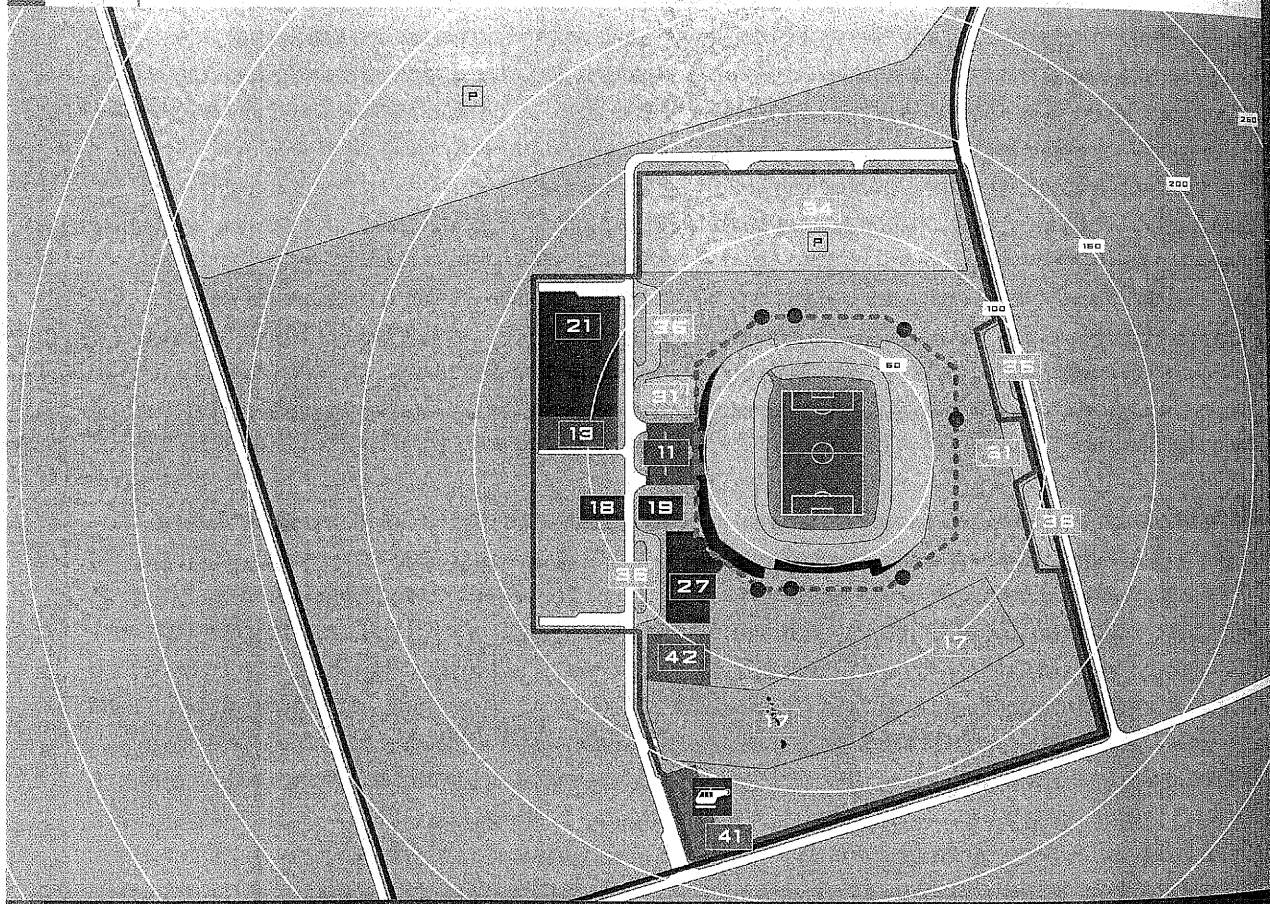
STALLS/FIRST AID POSTS

The public conveniences and concessions facilities will be upgraded to conform to international best practise as is indicated in the questionnaire.

FINANCING

The estimated cost of completing the alterations to the existing Stadium is in the region of CHF 66m (USD 25.2m). The South African Football Association has undertaken to pay for the upgrading of the Stadium.







- | | | | |
|-----------|-------------------------------|-----------|------------------------------|
| 11 | Drop-off | 18 | Drop-off |
| 13 | Parking | 19 | Entrance |
| 17 | Corporate/sponsor hospitality | 21 | Parking |
| | | 27 | Broadcast compound |
| | | | Medical |
| | | | Parking |
| | | | Transportation drop-off zone |
| | | 41 | Remote search park |
| | | 42 | Emergency vehicle pool |

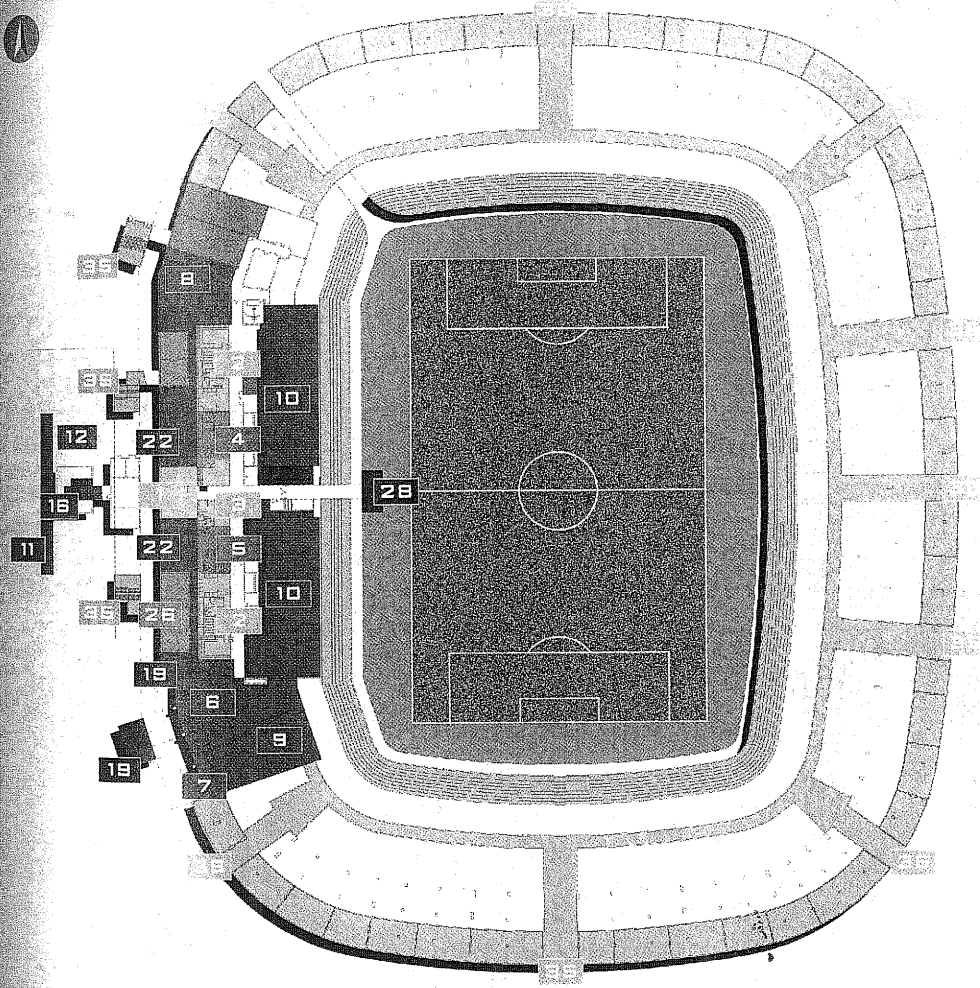


- | | |
|--|--|
| | Internal perimeter (turnstiles) |
| | Middle perimeter (search points) |
| | Outer perimeter (traffic warning zone) |
| | Security gates |

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

Orkney Oppenheimer Stadium







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

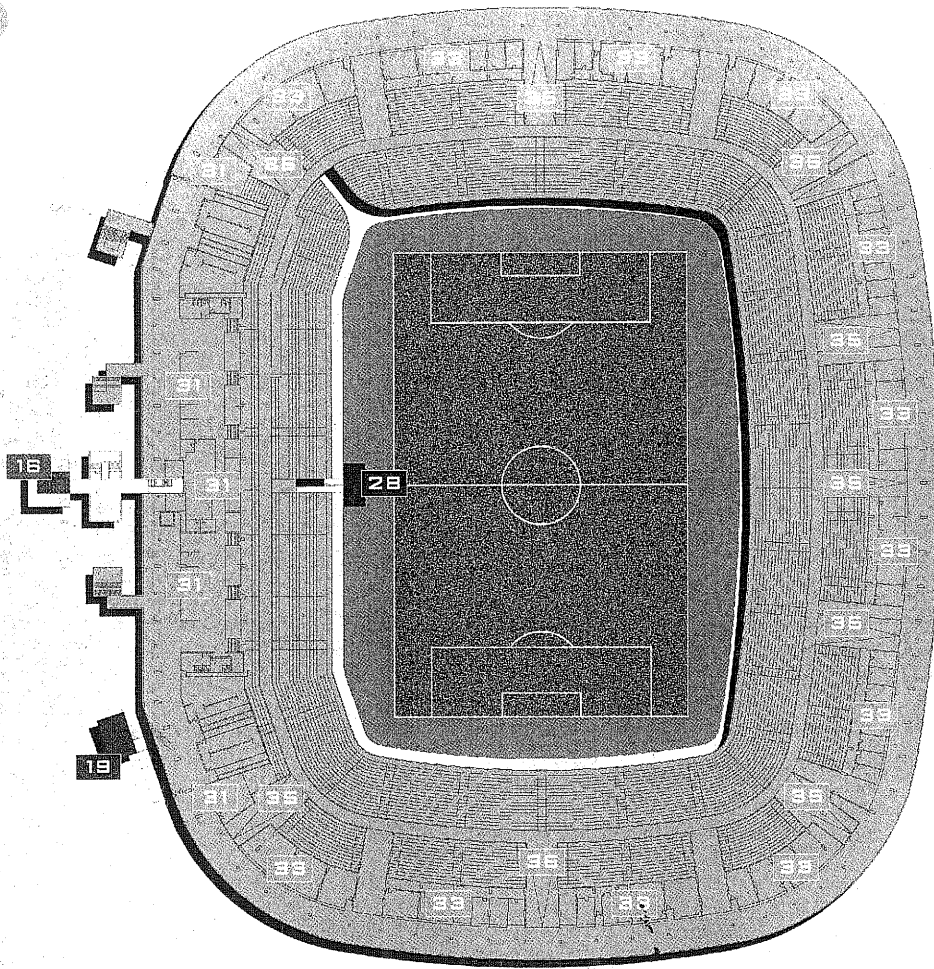


GROUND LEVEL

- 1** Team entrances
- 2** Team dressing rooms
- 3** Medical care centre
- 4** Doping control room
- 5** Match official dressing room
- 6** FIFA administration rooms
- 7** Meeting room
- 8** Stadium management office
- 9** World Cup operations offices

- 10** Storage room
- 11** Drop-off
- 12** Entrance
- 15** Elevator
- 19** Entrance
- 22** Mixed zone
- 26** Interview room
- 28** Flash interview area
- 35** Public entrances







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

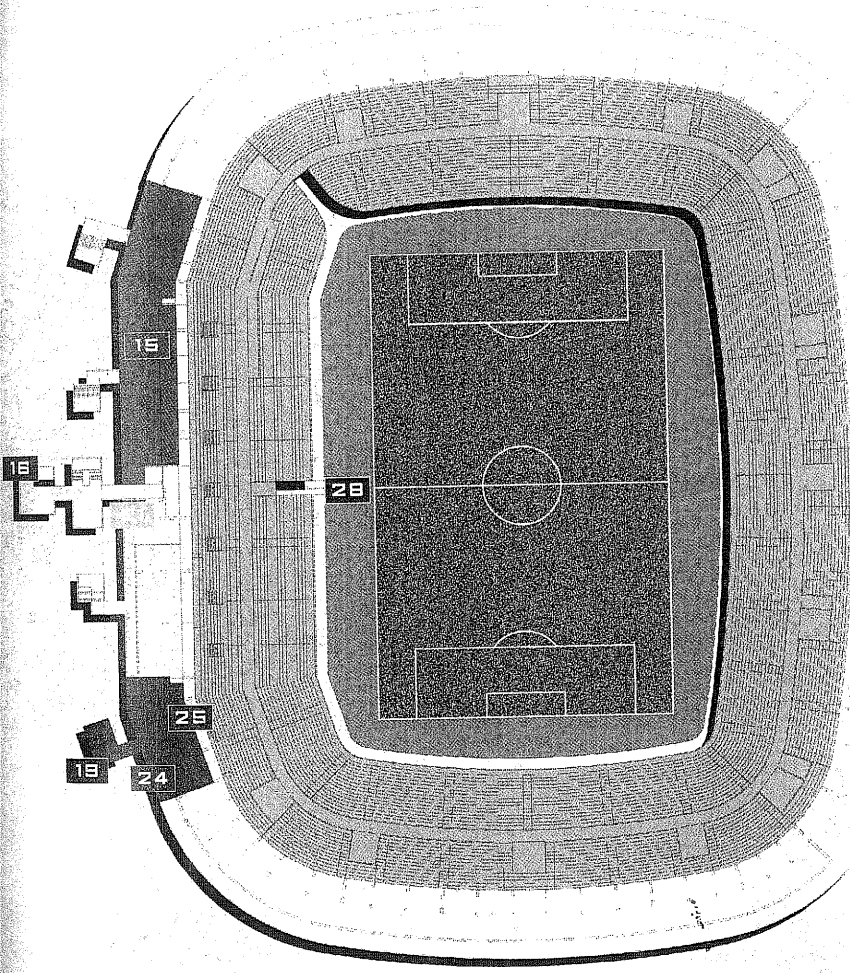


LEVEL 1








-  Elevator
-  Entrance
-  Flash interview area
-  Medical
-  Concessions
-  Public entrances







Orkney Oppenheimer Stadium

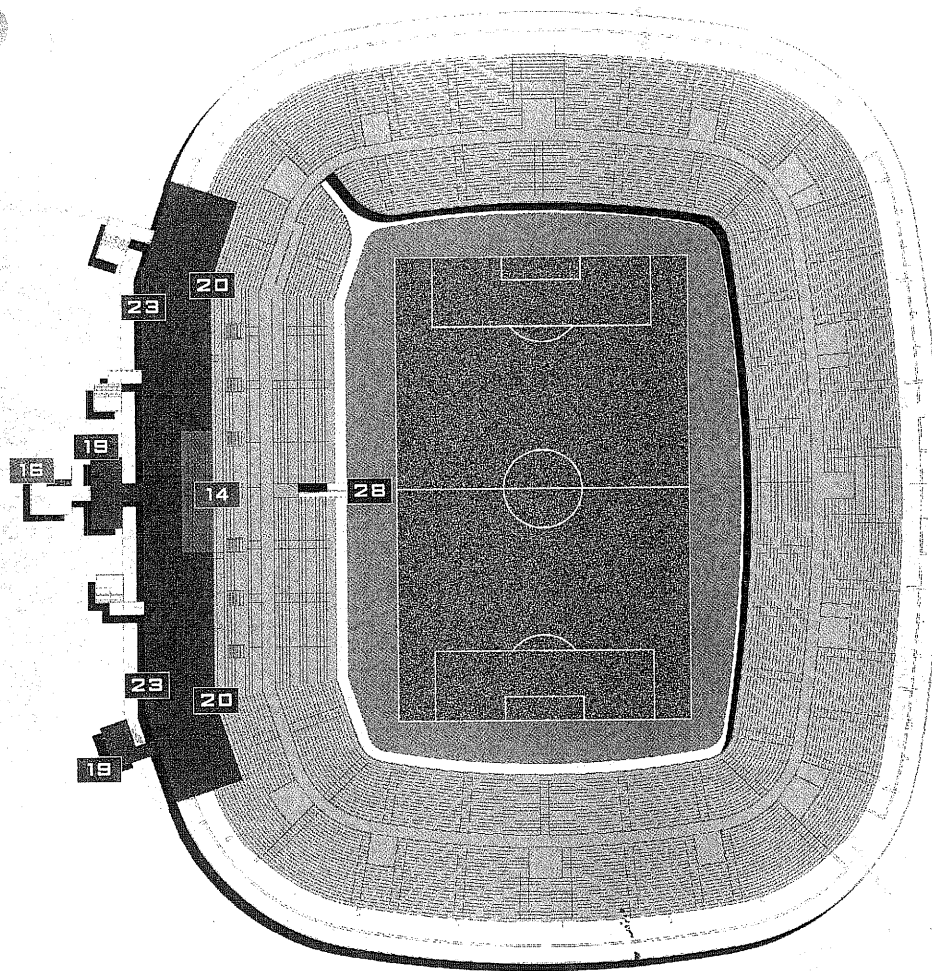
-  Match Operations
-  Stadium Operations
-  VIP
-  Media
-  General Public
-  Security Operations









LEVEL 2

-  Hospitality
-  Elevator
-  Entrance
-  Photographer workroom
-  Dark room
-  Flash interview area
-  Medical







-  Match Operations
-  Stadium Operations
-  V.I.P
-  Media
-  General Public
-  Security Operations

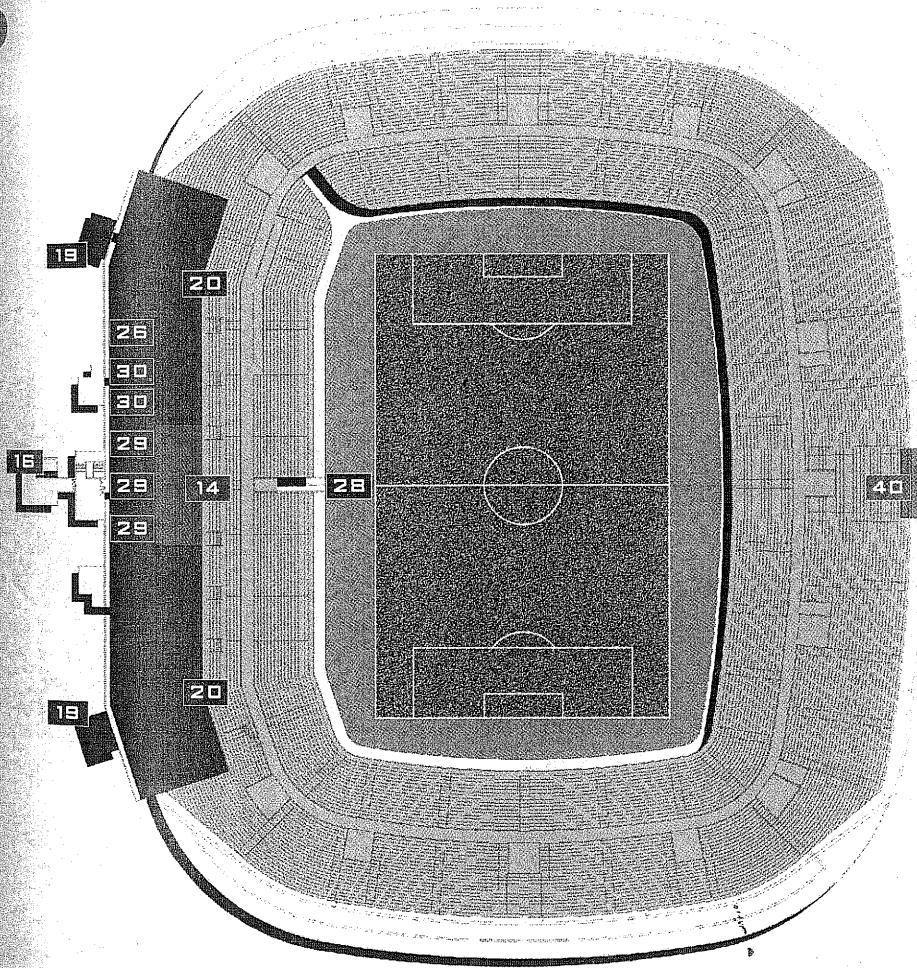


LEVEL 3

-  Seating
-  Elevator
-  Entrance
-  Seating
-  Media workroom
-  Flash interview area

Orkney Oppenheimer Stadium

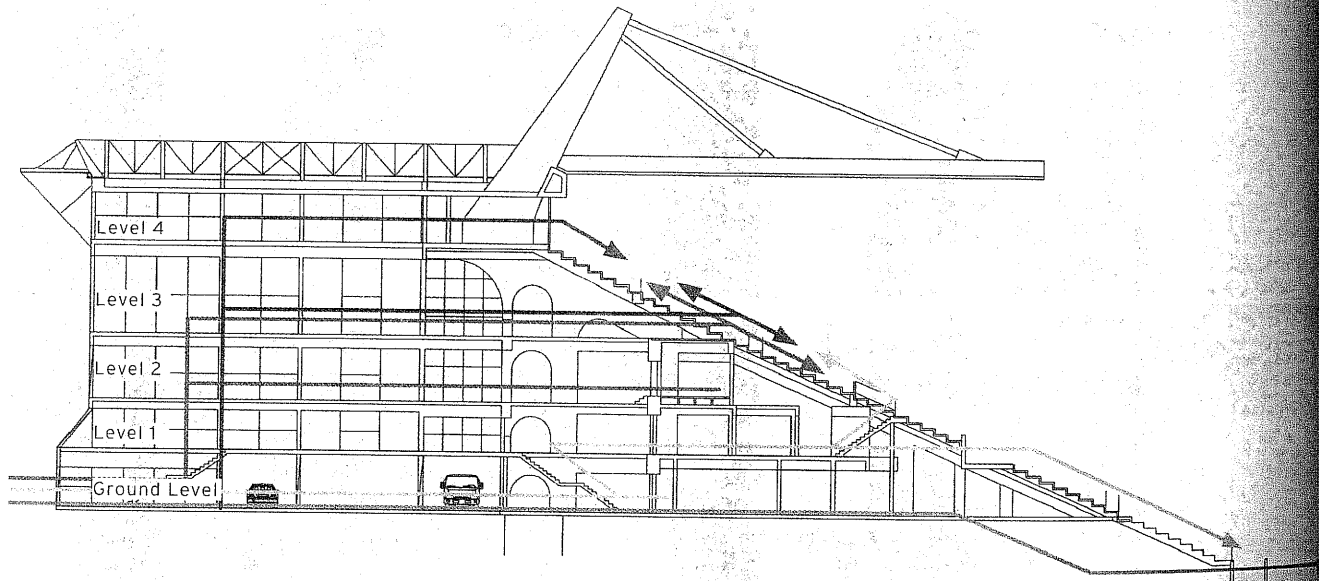
-  Match Operations
-  Stadium Operations
-  V.I.P
-  Media
-  General Public
-  Security Operations



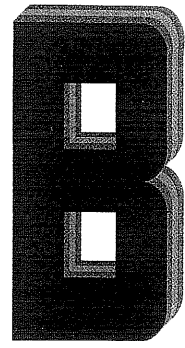
LEVEL 4

- 14** Seating
- 18** Elevator
- 19** Entrance
- 20** Seating
- 26** Interview room
- 28** Presentation studios
- 28** Flash interview area
- 30** TV studios
- 28** Flash interview area
- 40** Venue operations centre

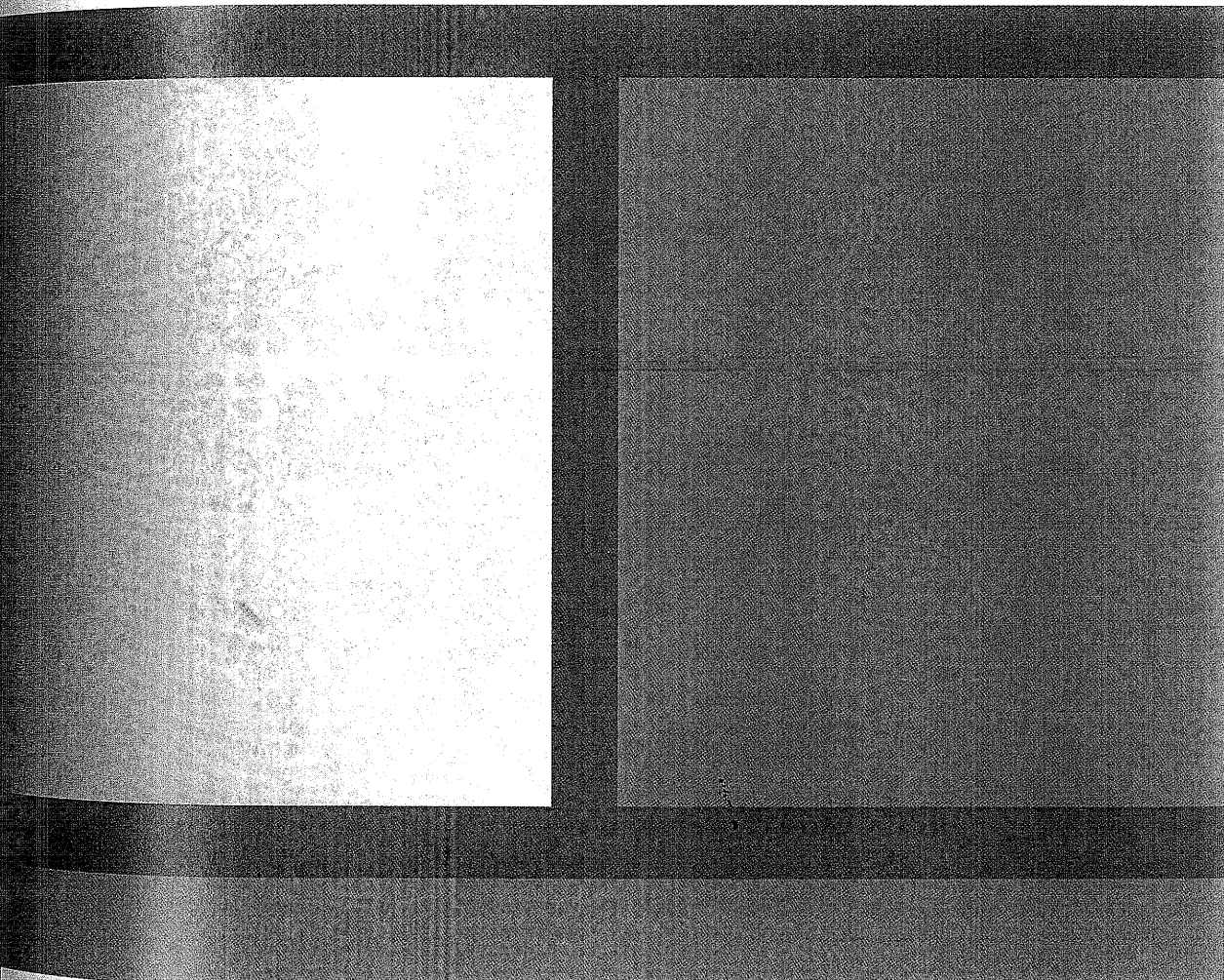
VIP
Media
General Public



SECTION - WEST TRIBUNE



McKuey Oppenheimer Stadium



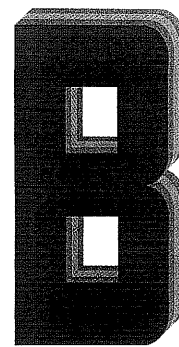
Technical Description

1. The Stadium

Name	Oppenheimer Stadium	
City	Orkney/Potchefstroom/Clerksdorp	
Number of inhabitants	487,000	
Owner	Anglogold Mining	
Name of club using the Stadium	Potchefstroom United	
Contact person	M. Till	
	Phone No	+27 82 446 36 15
	Fax No	+27 18 478 25 94
	E-mail Address	mtill@anglogold.com

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

From Johannesburg International Airport	220km	115min
From the team hotel	45km	32min
From the FIFA hotel	40km	28min
From the Orkney town centre	10km	8min



Orkney Oppenheimer Stadium

3. Capacity

Total number of seats	40,000
Number of seats under cover	8,000
VIP seats	500
Media representatives	1,675
Seats for disabled persons	100
VIP boxes	20
VIP reception area/lounge	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	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	7.5m
♦ To touchline	6m
Type of surface of space between field of play and edge of spectator seating area to the goalline	Grass

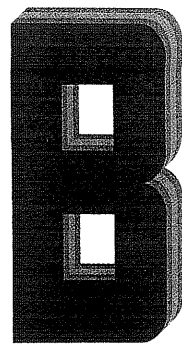
5. Technical Installations

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

6. Team Facilities

Dressing rooms for players	4
Dressing Room No. 1	
◆ Size of dressing room	100m 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
◆ 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	100m ²
◆ Lockers	Yes 25
◆ Massage tables	Yes 3
◆ Power points	Yes 8
◆ Refrigerator	Yes
◆ Number of showers	10
◆ Hot water	Yes



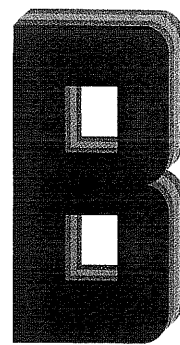
Ottavio Oppenheimer Stadium

◆ Number of toilets		3
◆ Toilets with seats	Yes	
◆ 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		100m 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	
◆ Air conditioning	Yes	
◆ Room for team technicians	Yes	30m ²
◆ Room for kit managers	Yes	30m ²
Dressing Room No. 4		
◆ Size of dressing room		100m 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	

◆ Air conditioning	Yes	
◆ Room for team technicians	Yes	30m ²
◆ Room for kit managers	Yes	30m ²

7. Referees' Facilities

Dressing Rooms for Referees and Assistant Referees		2
Dressing Room No. 1		
◆ Size of dressing room		40m 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		40m 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	20m ²
FIFA Office 1	Yes	16m ²
FIFA Office 2	Yes	16m ²
FIFA Office 3	Yes	16m ²
FIFA Office 4	Yes	16m ²
FIFA Office 5	Yes	16m ²
FIFA Office 6	Yes	16m ²
FIFA Office 7	Yes	16m 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		10
Equipment	Yes	
Location		On site
Infirmaries for teams/referees	Yes	60m ²
◆ Examination bed	Yes	
◆ Wash basins	Yes	
◆ First aid kit	Yes	
◆ Air conditioning	Yes	
◆ Stretchers	Yes	15
Doping control room	Yes	40m 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)

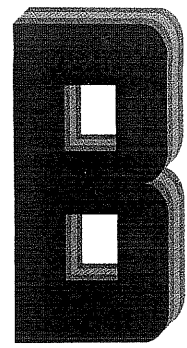
Sectors clearly indicated and segregated	Yes
Entrances, corridors, gangways and public amenities clearly signposted	Yes

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	20
◆ Number of cameras : inside area	8
◆ Number of cameras : adjacent area	12
Second security cordon before entrance	Yes
Exit doors inside playing surface	10



Orkney Oppenheimer Stadium

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

50

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

West Ground

◆ Distance from dressing rooms

50m

For referees vehicles

◆ Location

West Ground

◆ Distance from dressing rooms

50m

For the vehicles of officials and guests

◆ Location

North and South

◆ Number

110

◆ Distance from VIP entrance

50m

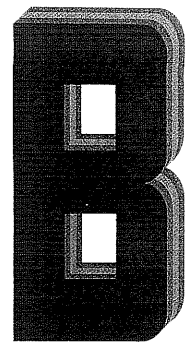
For Media vehicles	
◆ Location	North
◆ Number	510
◆ Distance from the Stadium	50 - 100m
For spectators' vehicles	
◆ Location	Around Stadium
◆ Number	2,000
◆ Distance from the Stadium	300 - 400m
For police and security vehicles	
◆ Location	On site
◆ Number	10
◆ Distance from the Stadium	50m
For the ambulances	
◆ Location	On site
◆ Number	10
◆ Distance from the Stadium	50m

17. Public Conveniences

Sufficient public toilets available	Yes
Number of ladies' toilets	500
Number of gentlemen's toilets	380

18. Refreshment Stands

Number of stands (food)	14
Number of stands (drink)	10
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 Ground

✦ Size of Media centre

1,350m²

Mixed zone

✦ Location

West Ground

✦ Size of mixed zone

600m²

Television commentary cabins

✦ Location

West Upper Level

✦ Number of cabins

175

Radio commentary cabins

✦ Location

West Upper Level

✦ Number of cabins

75

Press seats

✦ Location

West Upper Level

✦ Number of seats

600

Press seats with desks/table tops

600

Seats equipped with power points/phone points

300

Storeroom

Yes

20m²

Number of offices

4/25m² each

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

Yes

Meeting room

Yes

Briefing room

Yes

21. Other Rooms in the Stadium on Pitch Level

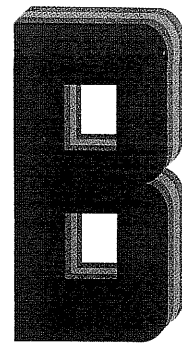
Storeroom with direct access to pitch (boards)	Yes	650m ²
Rooms for FIFA's youth programme	Yes	16m ²
Other Room 1	Yes	12m ²
Other Room 2	Yes	12m ²
Other Room 3	Yes	12m ²
Other Room 4	Yes	12m ²
Office infrastructure (tables/chairs/telephones/ fax/copier)	Yes	
Storeroom 1	Yes	25m ²
Storeroom 2	Yes	25m ²
Storeroom 3	Yes	25m ²
Storeroom 4	Yes	25m ²

22. VIP/Hospitality Area

VIP lounge 1	Yes	450m ²
VIP lounge 2	Yes	350m ²
VVIP lounge	Yes	200m ²
Office 1	Yes	30m ²
Office 2	Yes	30m ²

23. Training Stadium

Dimensions of the playing surface	Length 105m, width 68m
Distance from the Stadium	18km
Distance from the team hotel	4km
Type of playing surface	Grass
Number of dressing rooms	4



Orkney Oppenheimer Stadium

Fixed/removable goals	Yes
Substitute goals	Yes
Separation of spectators/Media from field	Yes
Running track around field	No
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

Safety Certificate

Klerksdorp Local Municipality



Emergency Services

(018) 462 2835 (018) 462 9648, 99 Klerksdorp 2570, e-mail: klerkfire@intekom.co.za

Our Ref: 18/17/3/2/6/2

T.M. Letanta
Enquiries:

23 July 2003

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

Dear Mr. Blatter

PUBLIC SAFETY REQUIREMENTS: ORKNEY/OPENHEIMER STADIUM

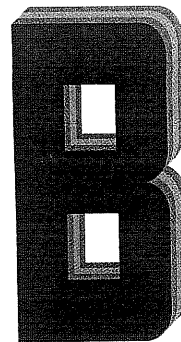
It is hereby confirmed that according to our most recent records, Orkney / Openheimer Stadium, which is proposed for use as a venue during the 2010 FIFA World Cup will comply with all existing Public Safety requirements.

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

We trust the above meets your approval.

Yours sincerely


Public Safety
KID Boikanyo



Orkney Oppenheimer Stadium

Declaration of Undertaking



The President
FIFA
Hitzigweg 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
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Dear Mr Blatter

Re: Financing of upgrades of the Oppenheimer 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 Oppenheimer Stadium in an amount of US\$ 25,2 million (CHF 66 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

Demolitions

Site works

Foundations

Civil works (superstructure)

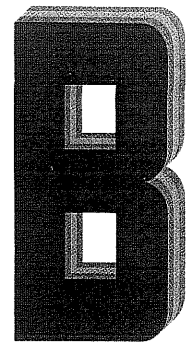
Roofs

Floodlights

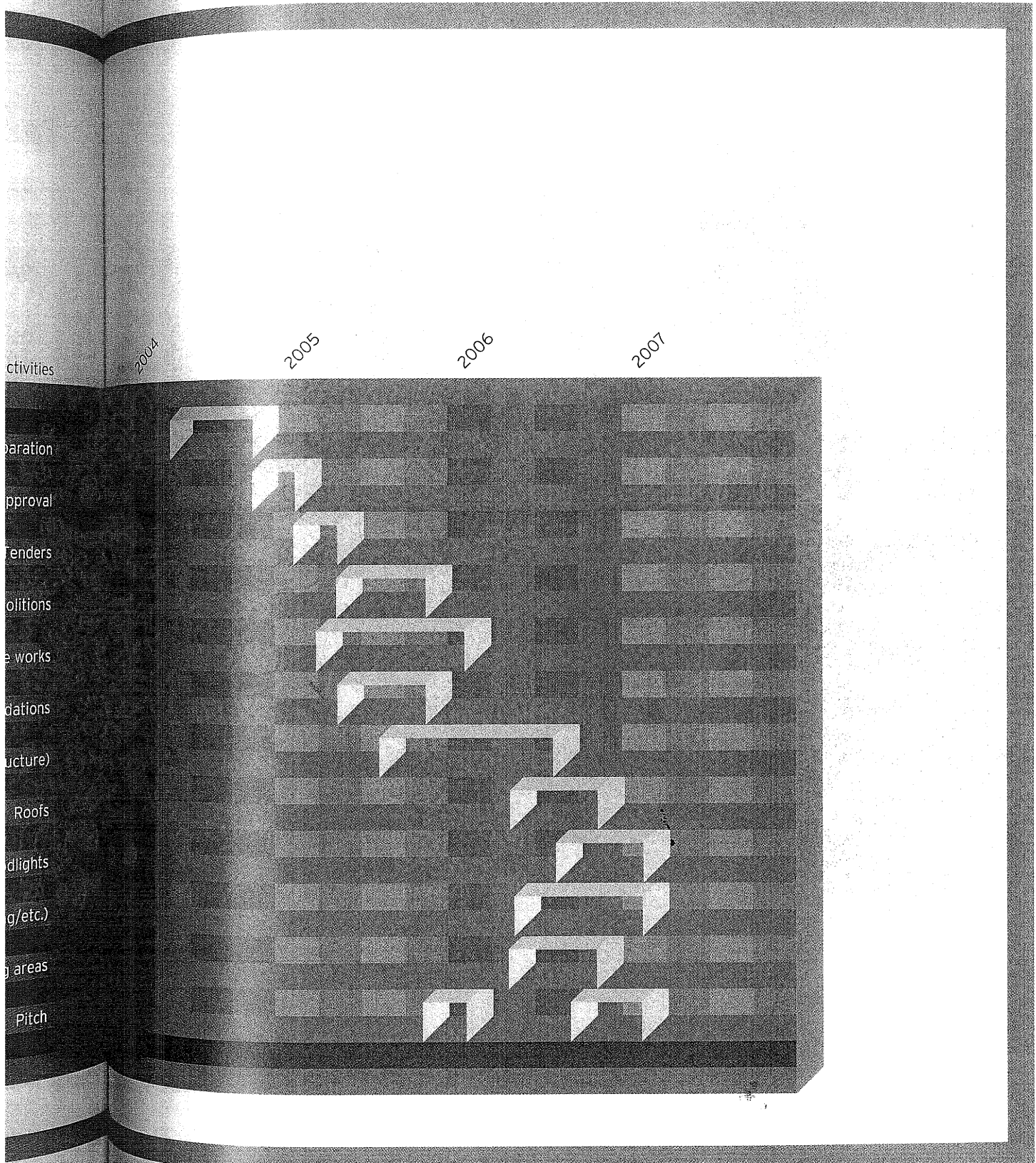
Building work (ablutions/catering/etc.)

Roads/parking areas

Pitch



Orkney Oppenheimer Stadium



Activities

2004

2005

2006

2007

Preparation

Approval

Tenders

Conditions

Site works

Foundations

Structure

Roofs

Lighting

(etc.)

Playing areas

Pitch