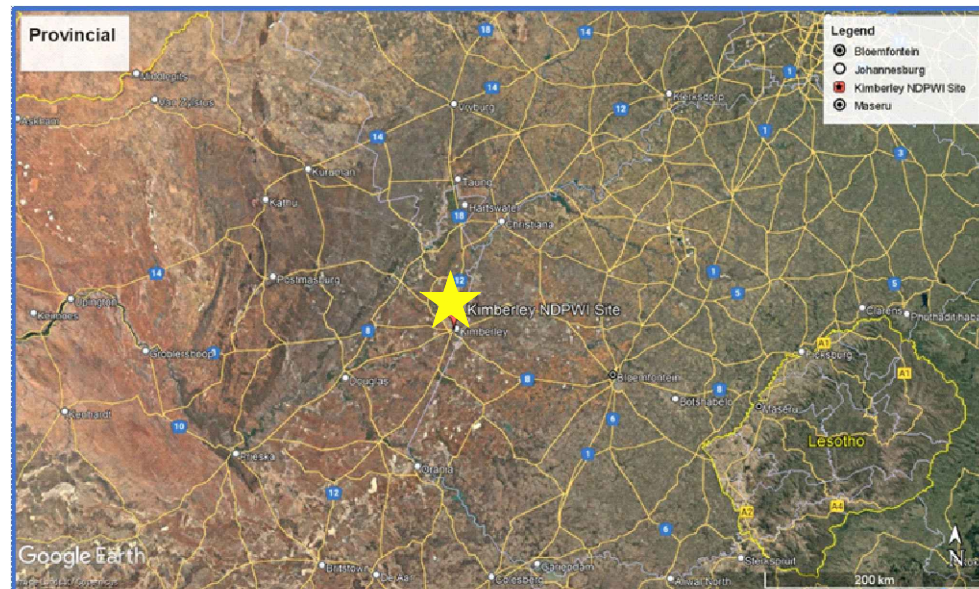




PROVINCIAL PLAN LOCALITY: NOT TO SCALE



REGIONAL PLAN LOCALITY: NOT TO SCALE



LOCALITY: NOT TO SCALE

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Approved for distribution :

Prepared by:	Amar Budhram (Candidate Engineering Technician. 2018700243) (Project Engineering Technician)	
Signature:		
Checked and Reviewed by:	Thami Skele (Pr Tech Eng. 9970127) (Project Engineer)	Vedanth Jugath (Pr Techni Eng. 2019600247) (Design Engineer)
Signature:		

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Discipline

Structural Engineering

Service

KIMBERLEY DPWI: DEMOLITION OF DILAPIDATED STRUCTURES: ERF 9649, 9650, 9651 AND 9653: STRUCTURAL ENGINEERING SERVICES: WCS055327

WCS number

WCS055327

Drawing title

COVER, LIST OF DRAWINGS AND LOCALITY

Reference.no

BK0184

Designed

AS-BUILT

Scale

A3: NTS

Drawn

A. BUDHRAM

Date

SEPT 2025

Checked

V JUGATH

Drawing number

BK0184/STR/01

Rev

3

Below is a tailored demolition plan considering the heritage status of the buildings and the specific building materials involved which include reinforced and unreinforced concrete, brickwork with plaster and paint and possible asbestos removal but not limited to these items:

1. Pre-Demolition Preparation:
- **Heritage Assessment:** Conduct a detailed heritage assessment to identify and document any historically significant features or architectural elements within the buildings (as directed by Heritage Representative from NDPWI).

• **Heritage Application:** Prepare a submission and submit to the local heritage council and seek approval for demolition of all identified buildings (finalised and submitted by Heritage Representative from NDPWI).

• **Asbestos Survey:** Perform an asbestos survey (may form part of an Environmental Management Plan, EMP, compiled and managed by OHS appointed agent) to identify any asbestos-containing materials (ACMs) present in the structures. Handle asbestos-containing materials in accordance with applicable regulations (if applicable).

• **Permits and Approvals:** Obtain all necessary permits and approvals from local heritage preservation authorities, municipal authorities, environmental agencies, and occupational health and safety regulators (whichever is applicable).

• **Photographic records and agreement with close neighbouring buildings of any pre-existing defects:** Compile a document that documents the existing condition and any defects that may be visible (A bill allowance will be made for the contractor to price for insurance of this risk, this will be specified and approved by the Principal Agent).

• **Salvage Planning:** Develop a salvage plan to preserve and protect any salvageable heritage materials or architectural features during the demolition process (as directed by Heritage Representative from NDPWI) Salvage plan will also allow for Labour Intensive Components (LIC) to allow Expanded Public Works Programme (EPWP) benefit, Principal Agent will also be directed by EPWP representative from NDPWI).

2. Demolition Methodology:

• **Hand Demolition:** Utilise hand tools and manual labour for delicate demolition tasks, focusing on preserving heritage elements and minimising damage to surrounding structures (as directed by Structural Engineer and approved by Principal Agent as required).

• **Small Plant Demolition:** Use small plant equipment such as mini-excavators, jackhammers, and small demolition attachments to carefully dismantle non-structural elements and weaken larger structural components (as directed by Structural Engineer and approved by Principal Agent as required).
- **Medium Plant Demolition:** Employ medium-sized plant machinery equipped with hydraulic shears and crushers to demolish reinforced concrete elements while minimising vibrations and structural damage (as directed by Structural Engineer and approved by Principal Agent as required).

• **Selective Demolition:** Implement selective demolition techniques to target specific areas of the buildings for preservation, such as facades, ornamental features, or interior finishes (as directed by Structural Engineer, Heritage Representative from NDPWI and approved by Principal Agent as required).

• **Asbestos Removal:** Safely remove and dispose of any identified asbestos-containing materials using certified asbestos abatement contractors (if required) following strict containment and removal procedures (as directed by Environmental Management Plan, EMP, compiled and managed by OHS appointed agent).

3. Safety Measures:

• **Heritage Protection:** Implement measures to protect heritage features and architectural elements during demolition, including temporary bracing, shoring, and protective coverings (as directed by Structural Engineer, Heritage Representative from NDPWI and approved by Principal Agent as required).

• **Work Zone Safety:** Establish clearly marked exclusion zones and safety barriers around the demolition site to prevent unauthorised access and ensure the safety of workers and the public (A bill allowance will be made for the contractor to price for insurance of this risk, this will be specified and approved by the Principal Agent).

• **Detection of Services:** To ensure the safety of workers and the public, all services will be considered live, detection of various services will be undertaken as required and approved (A bill allowance will be made for the use of the Engineer, this will be specified and approved by the Principal Agent).

• **Protection of property and reduced traffic lanes on Knight street:** Where possible, additional screening material will be deployed to protect ensure the safety of workers, the public and their property. In addition, traffic accommodation will be employed on Knight Road to reduce the lanes to 1, this will remove the roadside parking's and 1 lane closest to the buildings being demolished.

• **Working hours for demolition:** The team will endeavour to maximise the working hours and take into consideration any noise pollution and dust pollution that will need to be mitigated. This will be facilitated through the Baseline and update Risk assessment as developed by the contractor, approved and endorsed by the OHS representative and Principal Agent.
- **Personal Protective Equipment (PPE):** Ensure all workers involved in the demolition wear appropriate PPE, including respiratory protection for asbestos handling, gloves, safety goggles, and hard hats. This will be facilitated through the Baseline and update Risk assessment as developed by the contractor, approved and endorsed by the OHS representative and Principal Agent.

• **Emergency Response:** Develop an emergency response plan and provide training to workers on emergency procedures, including evacuation routes, first aid, and emergency contacts. This will be facilitated through the Baseline and update Risk assessment as developed by the contractor, approved and endorsed by the OHS representative and Principal Agent.

4. Waste Management:

• **Segregation and Containment:** Segregate demolition waste into categories such as concrete, bricks, metals, and hazardous materials for proper containment, recycling, or disposal. Where possible allow for Labour Intensive Components (LIC) to allow EPWP benefit, Principal Agent will also be directed by EPWP representative from NDPWI.

• **Asbestos Disposal:** Handle and dispose of asbestos-containing materials in sealed containers following regulatory requirements and guidelines for hazardous waste disposal (may form part of an Environmental Management Plan, EMP, compiled and managed by OHS appointed agent).

• **Recycling and Reuse:** Maximize recycling and reuse opportunities for salvaged materials and heritage elements, including bricks, timber, and architectural features. (as directed by Principal Agent and Heritage Representative from NDPWI as required).

5. Environmental Protection:

• **Erosion Control:** Implement erosion control measures such as sediment barriers, silt fences, and straw bales (whichever is applicable or available) to prevent soil erosion and sediment runoff during demolition activities.

• **Stormwater Management:** Manage stormwater runoff from the demolition site to prevent pollution and protect nearby water bodies from contamination. It is proposed that concrete pavers (rehabilitation will also allow for Labour Intensive Components (LIC) to allow EPWP benefit, Principal Agent will also be directed by EPWP representative from NDPWI) be used to rehabilitate the area in the interim period before new structures are approved. This stormwater loading will be calculated and provided to the local authority to confirm their ability to handle the extra stormwater generated.

• **Native Vegetation Protection:** Protect nearby native vegetation and landscaping from damage during demolition by erecting protective barriers and implementing careful demolition techniques.
- **Debris Removal:** Remove all demolition debris, waste materials, and equipment from the site promptly following demolition activities (as directed by Civil Engineer and approved by Principal Agent).

• **Site Grading and Stabilisation:** Grade and stabilise the demolition site to minimise soil disturbance, control erosion, and prepare the site for future redevelopment or rehabilitation (as directed by Civil Engineer and approved by Principal Agent).

• **Heritage Site Rehabilitation:** Implement measures to rehabilitate and restore the heritage site, including landscaping, site furnishings, interpretive signage, and public amenities, as appropriate or if applicable. Interim rehabilitation plans are described in the point above “Stormwater Management”.

7. Documentation and Reporting:

• **Heritage Documentation:** Document the demolition process, including photographic documentation of heritage features, salvageable materials, and demolition activities (compiled and submitted by Principal Agent, approved by Heritage Representative from NDPWI).

• **Asbestos Records:** Maintain accurate records of asbestos surveys, removal procedures, disposal manifests, and compliance documentation in accordance with regulatory requirements (may form part of an Environmental Management Plan, EMP, compiled and managed by OHS appointed agent).

• **Final Reporting:** the following stages and reporting will be applicable:
Stage 1 - Inception

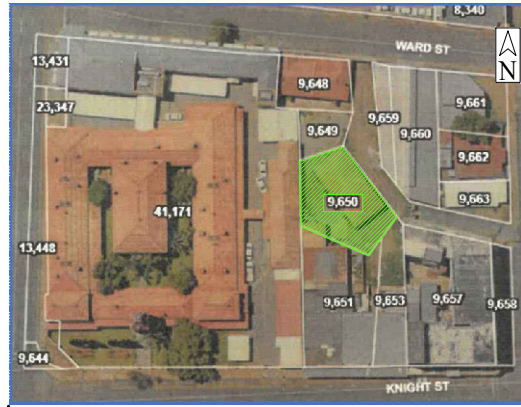
Stage 2 - Concept and Viability (Preliminary Design, includes Design Review submission and approval NDPWI)

Stage 3 - Design Development (Detailed Design, will finalise any recommendations that need amendment at Design Review Meeting, if conditionally approved)

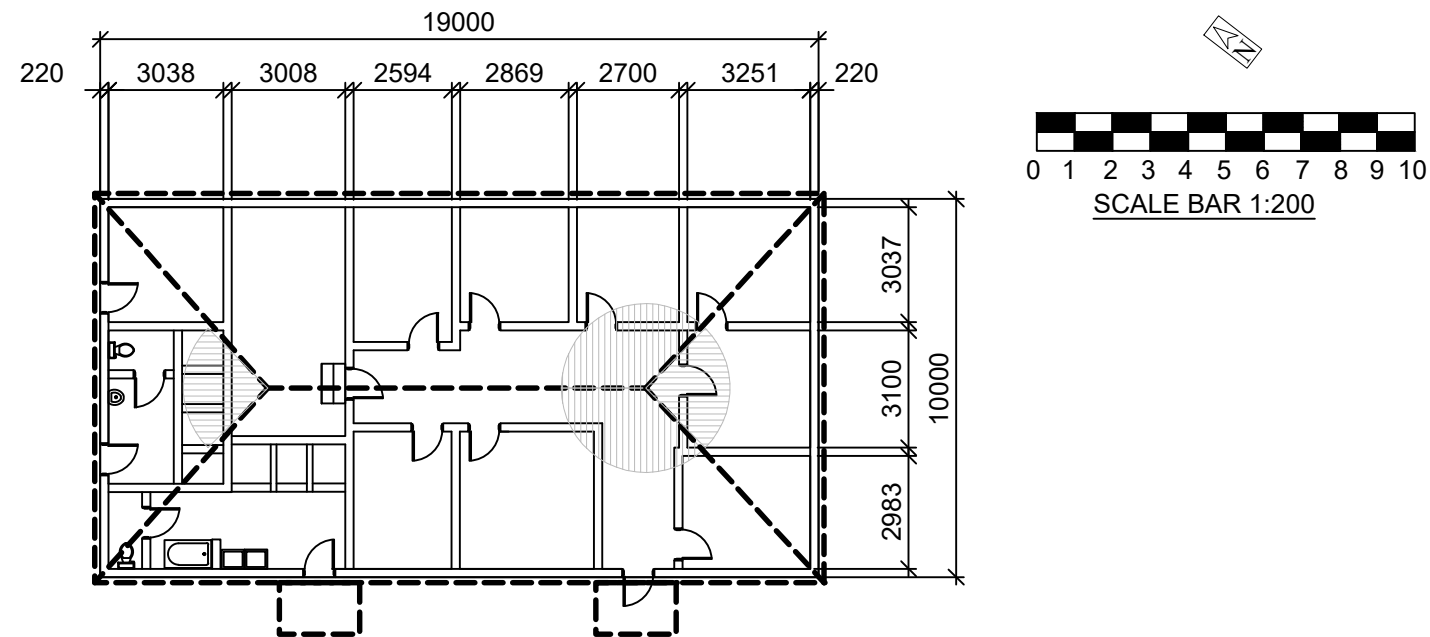
Stage 4 - Documentation and Procurement

Stage 5 - Contract Administration and Inspection

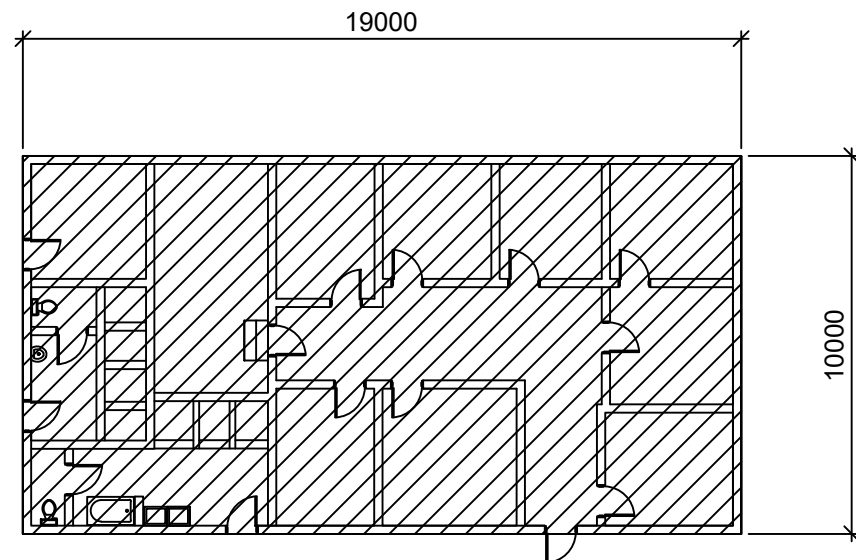
Stage 6 - Close Out.
- By following this tailored demolition plan, the Kimberley Department of Public Works and Infrastructure can safely and sensitively demolish the dilapidated structures while protecting and preserving the heritage significance of the buildings and minimizing environmental impacts.
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- | CONSULTING ENGINEER | |
|-----------------------------|---|
| Approved for distribution : | |
| Prepared by: | Amar Budhram
(Candidate Engineering Technician. 2018700243)
(Project Engineering Technician) |
| Signature: |  |
| Checked and Reviewed by: | Thami Skele (Pr Tech Eng. 9970127) (Project Engineer) Vedanth Jugath (Pr Techni Eng. 2019600247) (Design Engineer) |
| Signature: |   |
- | | |
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| Discipline
Structural Engineering | |
| Service | |
| KIMBERLEY DPWI: DEMOLITION OF DILAPIDATED STRUCTURES: ERF 9649, 9650, 9651 AND 9653: STRUCTURAL ENGINEERING SERVICES: WCS055327 | |
| WCS number
WCS055327 | |
| Drawing title
Demolition Methodology and Notes | |
| Reference.no
BK0184 | Designed
AS-BUILT |
| Scale
A3: NTS | Drawn
A. BUDHRAM |
| Date
SEPT 2025 | Checked
V JUGATH |
| Drawing number
BK0184/STR/02 | Rev
3 |
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| 3 | Sept 2025 | For Tender Purposes Only | A.Budhram | V.Jugath |
| 2 | Feb 2025 | Preliminary Design Drawings | A.Budhram | V.Jugath |
| 1 | Mar 2024 | Heritage Application | A.Budhram | V.Jugath |
| 0 | Feb 2024 | Prelim. drawings: Added Information | A.Budhram | V.Jugath |
| No. | Date | Revision Description | Drawn | Checked |
- 
- HEAD OFFICE :**
581, Mendelssohn Street
Constantia Park, Pretoria
P.O. Box 72360, Lynnwood Ridge, 0040
Tel: 012 998 1225
Fax: 012 998 1169
Email: bakonepta@bakonegroup.co.za
- 
- public works
& infrastructure
Department :
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA
Kimberley
8301
Tel (053) 838 5210



KEY PLAN

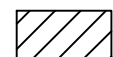


PLAN VIEW LAYOUT OF EXISTING STRUCTURE ON ERF 9650
SCALE 1:200

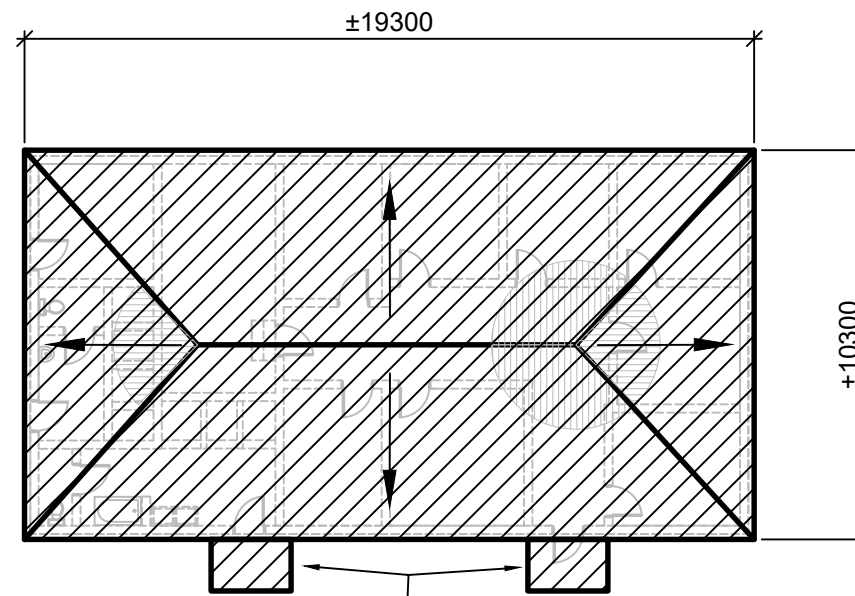


ASSUMED A RAFT FOUNDATION WITH AN ESTIMATED THICKNESS OF 300mm
FOR ESTIMATION OF QUANTITIES PURPOSE

LEGEND

 ELEMENTS TO BE DEMOLISHED

PLAN VIEW LAYOUT OF FOUNDATION AND BRICK WORK TO BE DEMOLISHED
SCALE 1:200



EXISTING AWNINGS TO BE DEMOLISHED
EXISTING ROOF: STEEL CORRUGATED ROOF SHEETING
COMPLETE WITH TIMBER TRUSSES AND RAINWATER GOODS

LEGEND

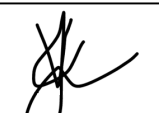
 ELEMENTS TO BE DEMOLISHED

PLAN VIEW LAYOUT OF ROOF TO BE DEMOLISHED
SCALE 1:200

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DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)

Discipline
Structural Engineering

Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9650: PLAN VIEW LAYOUT

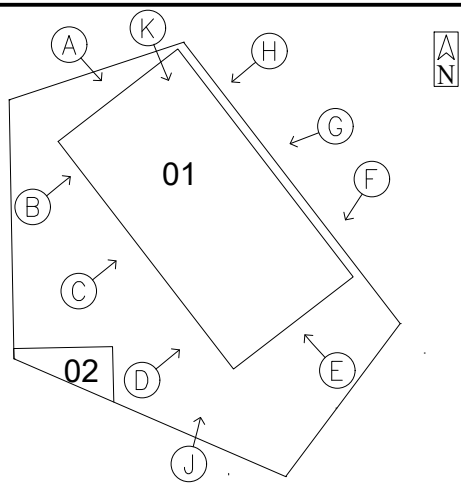
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Date	SEPT 2025	Checked	V JUGATH
Drawing number	BK0184/STR/03	Rev	3



HEAD OFFICE :
581, Mendelssohn Street
Constantia Park, Pretoria
P.O. Box 72360, Lynnwood Ridge, 0040
Tel: 012 998 1225
Fax: 012 998 1169
Email: bakonepta@bakonegroup.co.za



public works
& infrastructure
Department :
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA
22-23 Market Square
Kimberley
8301
Tel (053) 838 5210



KEY PLAN: ERF 9650



ELEVATION (A)



ELEVATION (E)



ELEVATION (B)



ELEVATION (C)



ELEVATION (D)



ELEVATION (F)



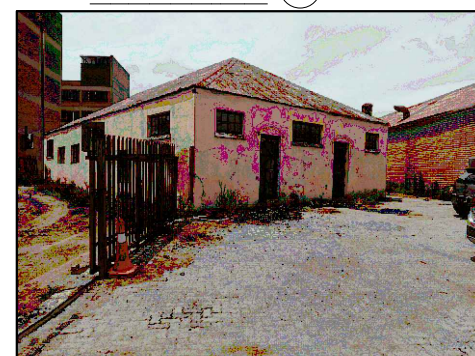
ELEVATION (G)



ELEVATION (H)



ELEVATION (J)



ELEVATION (K)

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BK0184/STR/03 (PLAN VIEW LAYOUT)

Discipline
Structural Engineering

Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9650: EXTERNAL ELEVATION
PHOTOGRAPHS

Reference.no BK0184	Designed AS-BUILT
Scale A3: NTS	Drawn A. BUDHRAM
Date SEPT 2025	Checked V JUGATH
Drawing number BK0184/STR/04A	Rev 3

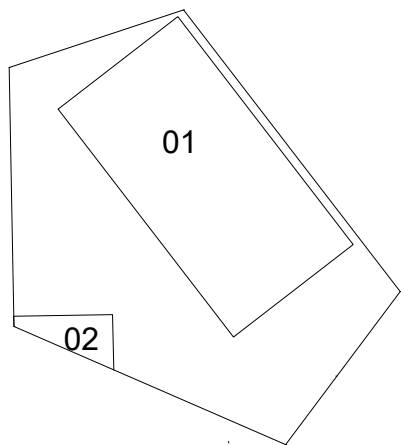
No.	Date	Revision Description	Drawn	Checked
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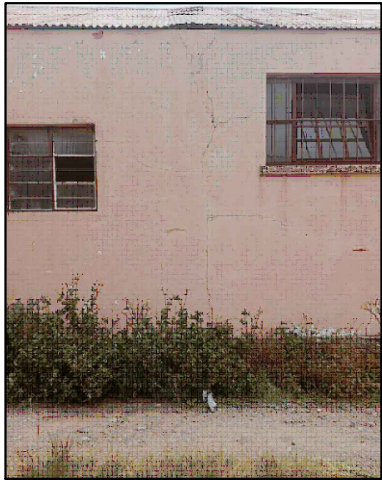
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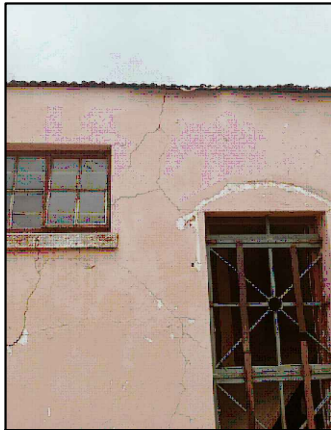
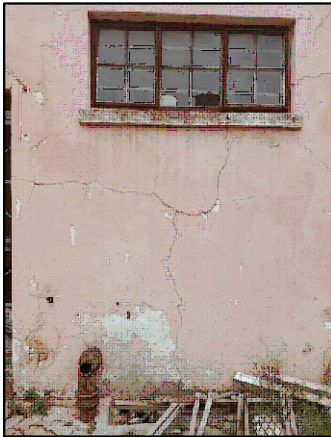
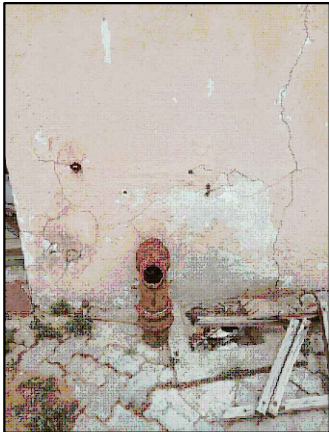
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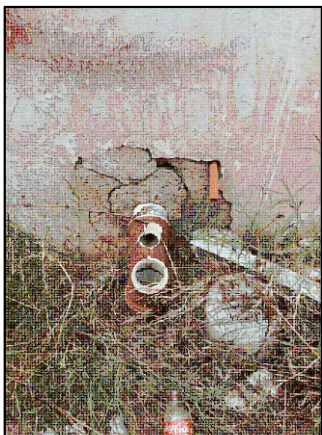
KEY PLAN: ERF 9650



TYPICAL EXTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS
NOT TO SCALE



TYPICAL EXTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS
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BK0184/STR/02 (METHODOLOGY)
BK0184/STR/03 (PLAN VIEW LAYOUT)

Discipline
Structural Engineering

Service
**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9650: EXTERNAL ELEVATION
PHOTOGRAPHS

Reference.no	Designed
BK0184	AS-BUILT
Scale	Drawn
A3: NTS	A. BUDHRAM
Date	Checked
SEPT 2025	V JUGATH
Drawing number	Rev
BK0184/STR/04B	3

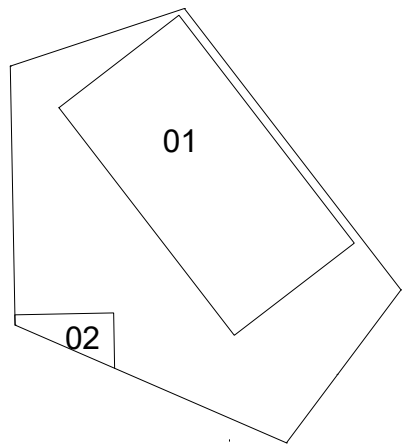
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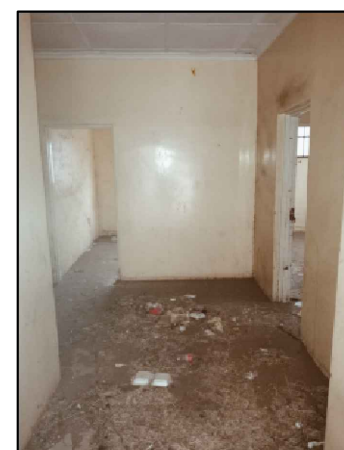
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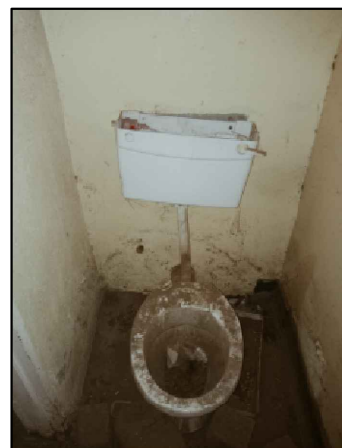
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Public Works and Infrastructure
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22-23 Market Square
Kimberley
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KEY PLAN: ERF 9650



TYPICAL INTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS
NOT TO SCALE



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BK0184/STR/02 (METHODOLOGY)
BK0184/STR/03 (PLAN VIEW LAYOUT)

Discipline
Structural Engineering

Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9650: INTERNAL ELEVATION
PHOTOGRAPHS

Reference.no	Designed
BK0184	AS-BUILT
Scale	Drawn
A3: NTS	A. BUDHRAM
Date	Checked
SEPT 2025	V JUGATH
Drawing number	Rev
BK0184/STR/04C	3

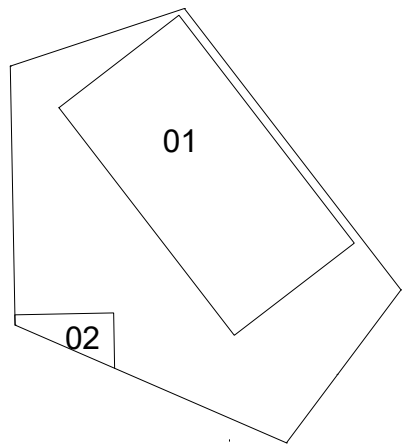
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No.	Date	Revision Description	Drawn	Checked



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Department :
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA
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Tel (053) 838 5210



KEY PLAN: ERF 9650



ROOF PHOTOGRAPH - HIGHLIGHTING DEFECTS
NOT TO SCALE

No.	Date	Revision Description	Drawn	Checked
3	Sept 2025	For Tender Purposes Only	A.Budhram	V.Jugath
2	Feb 2025	Preliminary Design Drawings	A.Budhram	V.Jugath
1	Mar 2024	Heritage Application	A.Budhram	V.Jugath
0	Feb 2024	Prelim. drawings: Added Information	A.Budhram	V.Jugath



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CONSULTING ENGINEER

Approved for distribution :

Prepared by:	Amar Budhram (Candidate Engineering Technician. 2018700243) (Project Engineering Technician)	
Signature:		
Checked and Reviewed by:	Thami Skele (Pr Tech Eng. 9970127) (Project Engineer)	Vedanth Jugath (Pr Techni Eng. 2019600247) (Design Engineer)
Signature:		

NO AS-BUILT INFORMATION
WAS AVAILABLE

FOR TENDER PURPOSES
ONLY

THIS DRAWING TO BE READ IN CONJUNCTION WITH
DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)
BK0184/STR/03 (PLAN VIEW LAYOUT)

Discipline
Structural Engineering

Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

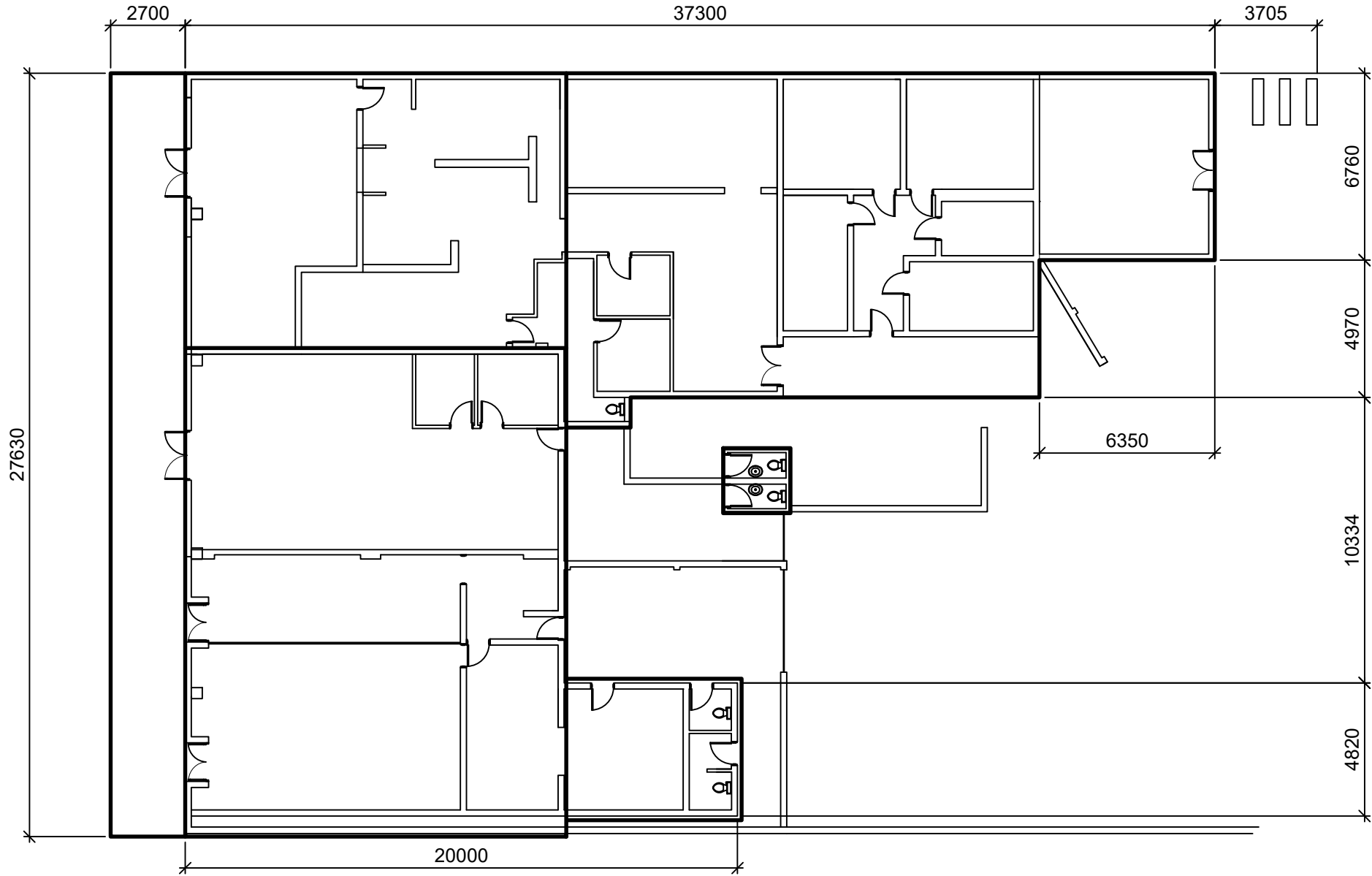
WCS number
WCS055327

Drawing title
ERF 9650: ROOF LAYOUT PHOTOGRAPH

Reference.no BK0184	Designed AS-BUILT
Scale A3: NTS	Drawn A. BUDHRAM
Date SEPT 2025	Checked V JUGATH
Drawing number BK0184/STR/05	Rev 3



KEY PLAN



PLAN VIEW LAYOUT OF EXISTING STRUCTURE ON ERF 9651 AND 9653
SCALE 1:200

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DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)

Discipline
Structural Engineering

Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9651 AND ERF 9653: PLAN VIEW LAYOUT OF
FOUNDATION AND BRICKWORK DEMOLITION

Reference.no BK0184	Designed AS-BUILT
Scale A3: NTS	Drawn A. BUDHRAM
Date SEPT 2025	Checked V JUGATH
Drawing number BK0184/STR/06A	Rev 3

No.	Date	Revision Description	Drawn	Checked
3	Sept 2025	For Tender Purposes Only	A.Budhram	V.Jugath
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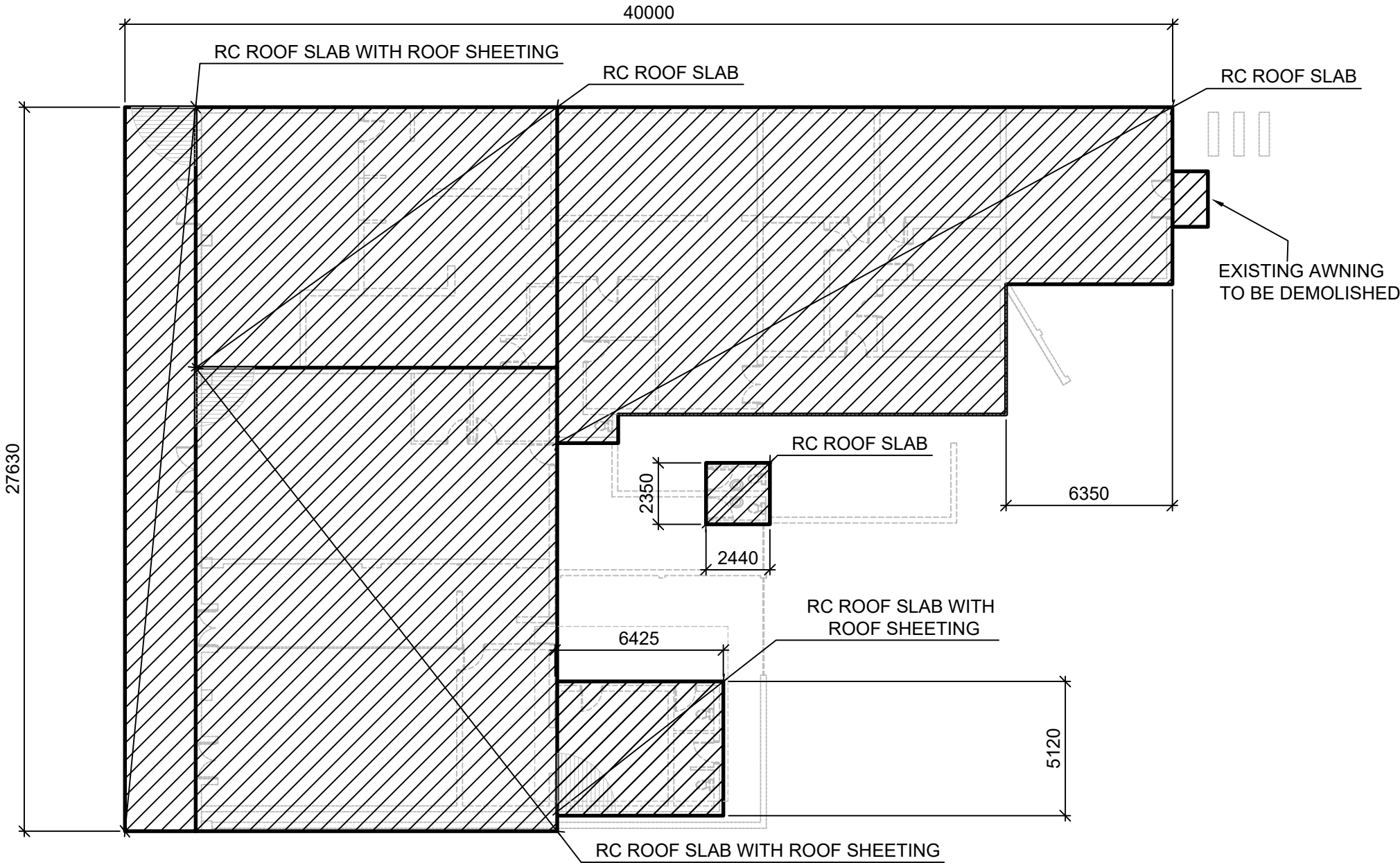


KEY PLAN

EXISTING ROOF: REINFORCED CONCRETE ROOF SLABS WITH STEEL CORRUGATED ROOF SHEETING IN CERTAIN AREAS COMPLETE WITH RAINWATER GOODS

LEGEND

 ELEMENTS TO BE DEMOLISHED



PLAN VIEW LAYOUT OF ROOF TO BE DEMOLISHED
SCALE 1:200

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BK0184/STR/02 (METHODOLOGY)

Discipline
Structural Engineering

Service
**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9651 AND ERF 9653: PLAN VIEW LAYOUT

Reference.no	Designed
BK0184	AS-BUILT
Scale	Drawn
A3: NTS	A. BUDHRAM
Date	Checked
SEPT 2025	V JUGATH
Drawing number	Rev
BK0184/STR/06C	3

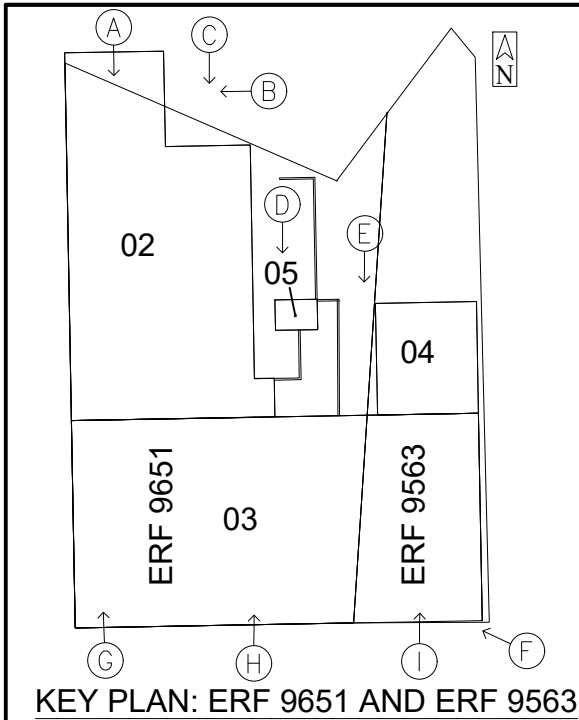
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No.	Date	Revision Description	Drawn	Checked



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ELEVATION A



ELEVATION B



ELEVATION C



ELEVATION D



ELEVATION E



ELEVATION F



ELEVATION G



ELEVATION H



ELEVATION I

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DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)
BK0184/STR/06 (PLAN VIEW LAYOUT)

Discipline
Structural Engineering

Service
**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9651 and ERF 9653: EXTERNAL ELEVATION
PHOTOGRAPHS

Reference.no	Designed
BK0184	AS-BUILT
Scale	Drawn
A3: NTS	A. BUDHRAM
Date	Checked
SEPT 2025	V JUGATH
Drawing number	Rev
BK0184/STR/07A	3

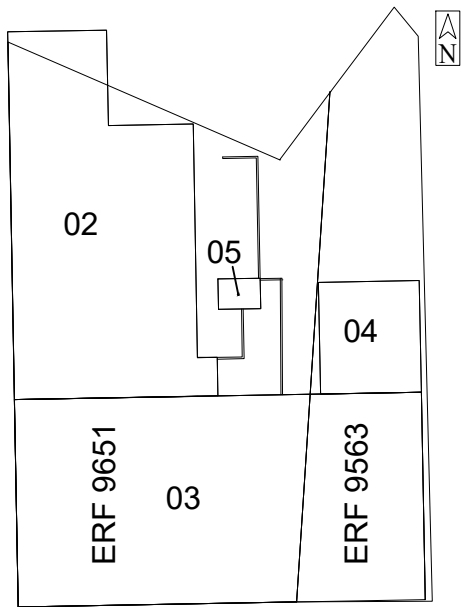
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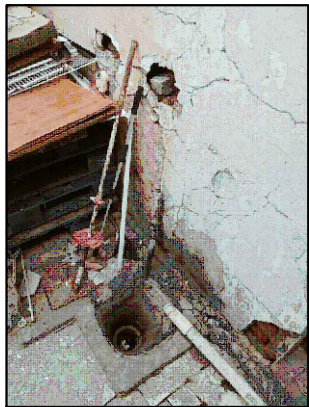
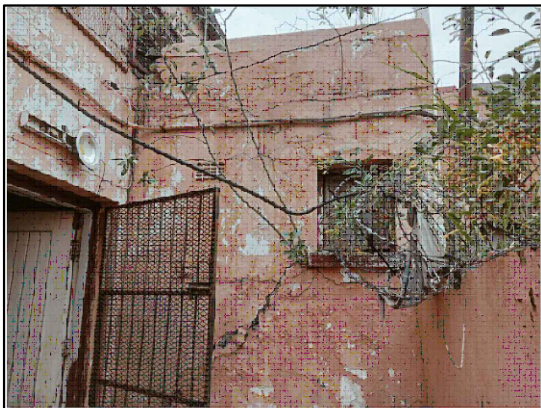
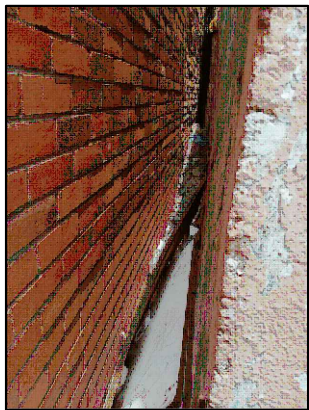
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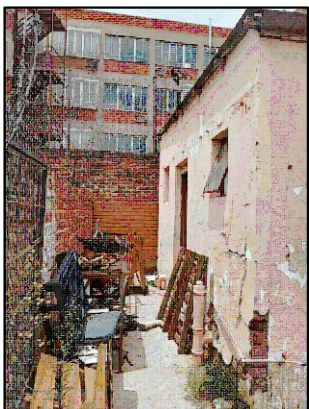
KEY PLAN: ERF 9651 AND ERF 9653



TYPICAL EXTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS
NOT TO SCALE



TYPICAL EXTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS
NOT TO SCALE



TYPICAL EXTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS
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Signature:		

NO AS-BUILT INFORMATION WAS AVAILABLE	FOR TENDER PURPOSES ONLY
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THIS DRAWING TO BE READ IN CONJUNCTION WITH
DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)
BK0184/STR/06 (PLAN VIEW LAYOUT)

Discipline
Structural Engineering

Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9651 and ERF 9653: EXTERNAL ELEVATION
PHOTOGRAPHS (CONDITION)

Reference.no BK0184	Designed AS-BUILT
Scale A3: NTS	Drawn A. BUDHRAM
Date SEPT 2025	Checked V JUGATH
Drawing number BK0184/STR/07B	Rev 3

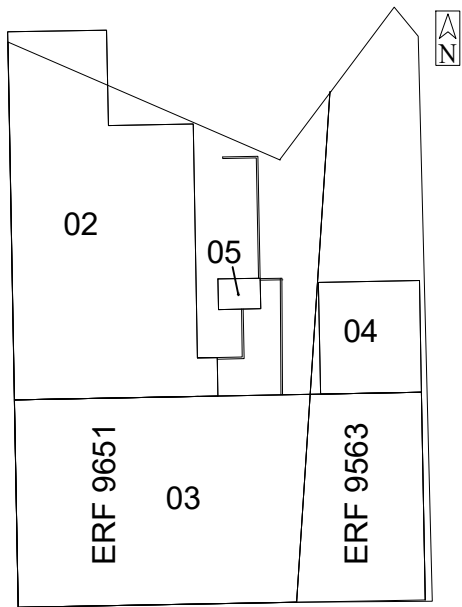
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No.	Date	Revision Description	Drawn	Checked



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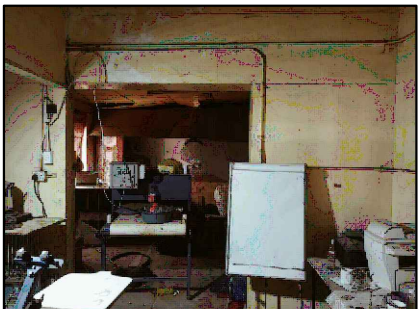
KEY PLAN: ERF 9651 AND ERF 9563



TYPICAL INTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS (NOT TO SCALE)



TYPICAL INTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS (NOT TO SCALE)



TYPICAL INTERNAL CONDITION OF EXISTING STRUCTURE HIGHLIGHTING DEFECTS (NOT TO SCALE)

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No.	Date	Revision Description	Drawn	Checked



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Signature:	

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THIS DRAWING TO BE READ IN CONJUNCTION WITH
DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)
BK0184/STR/06 (PLAN VIEW LAYOUT)

Discipline
Structural Engineering

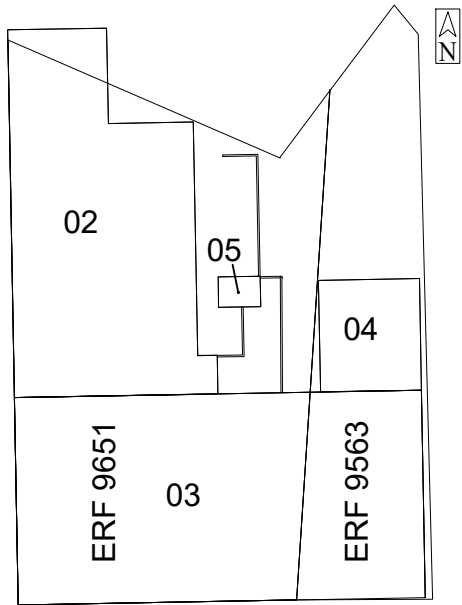
Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9651 and ERF 9653: INTERNAL ELEVATION
PHOTOGRAPHS

Reference.no	Designed
BK0184	AS-BUILT
Scale	Drawn
A3: NTS	A. BUDHRAM
Date	Checked
SEPT 2025	V JUGATH
Drawing number	Rev
BK0184/STR/07C	3



KEY PLAN: ERF 9651 AND ERF 9563



ROOF PHOTOGRAPH - HIGHLIGHTING DEFECTS
NOT TO SCALE



ROOF PHOTOGRAPH - HIGHLIGHTING DEFECTS
NOT TO SCALE



ROOF PHOTOGRAPH - HIGHLIGHTING DEFECTS
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Signature:		

NO AS-BUILT INFORMATION WAS AVAILABLE	FOR TENDER PURPOSES ONLY
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DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)
BK0184/STR/06 (PLAN VIEW LAYOUT)

Discipline
Structural Engineering

Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

WCS number
WCS055327

Drawing title
ERF 9651 and ERF 9653: ROOF LAYOUT
PHOTOGRAPHS

Reference.no BK0184	Designed AS-BUILT
Scale A3: NTS	Drawn A. BUDHRAM
Date SEPT 2025	Checked V JUGATH
Drawing number BK0184/STR/08	Rev 3

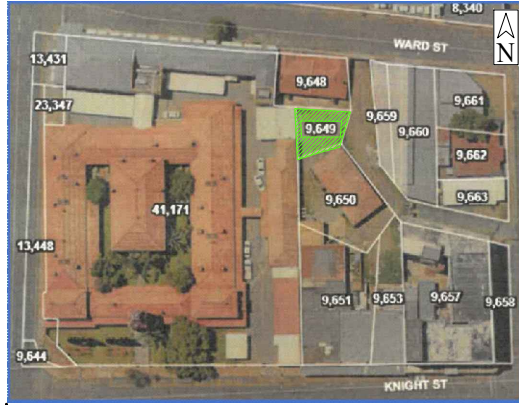
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KEY PLAN



EXTERNAL IMAGES OF ERF 9649
NOT TO SCALE



EXTERNAL IMAGES OF ERF 9649
NOT TO SCALE

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Discipline
Structural Engineering

Service

KIMBERLEY DPWI: DEMOLITION OF DILAPIDATED STRUCTURES: ERF 9649, 9650, 9651 AND 9653: STRUCTURAL ENGINEERING SERVICES: WCS055327

WCS number
WCS055327

Drawing title
ERF 9649: PHOTOGRAPHS

Reference.no BK0184	Designed AS-BUILT
Scale A3: NTS	Drawn A. BUDHRAM
Date SEPT 2025	Checked V JUGATH
Drawing number BK0184/STR/09	Rev 3

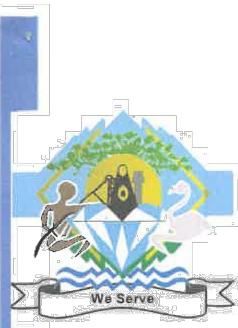
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ECONOMIC DEVELOPMENT &
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**DIREKTORAAT STRATEGIE,
EKONOMIESE ONTWIKKELING
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MORUO TLHABOLOLO LE
THULAGANO**

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Kimberley 8300

Enquiries K Kruger
Tel: (053) 830 6326

Email:
kkruger@solplaatje.org.za

29 January 2025

DEMOLITION APPROVAL

National Department of Public Works
21-23 Market Street
Kimberley
8300

Contact No: 072 392 9567

Dear Sir/ Madam

RE: BUILDING DEMOLITION: EXISTING BUILDING, 21-23 MARKET STREET, KIMBERLEY.

The application submitted to the Local Municipality for the demolition of the above mentioned property has been evaluated in accordance with the National Building Regulations and is herewith approved in terms of; SANS 10400-A22 and Part E-Demolition Work. The following conditions apply:

1. The Owner/ Applicant should adhere to the requirements of Section 23 of ACT 103 of 1977, the National Building Regulations and Building Standards Act and SANS 10400-Part E (Demolition Work).
2. Any common wall & its foundation between the affected property and its neighbours should be retained or appropriately repaired. The owner/ applicant hereof must ensure that the neighbouring property is not negatively affected by such demolition and that their building & property is retained in good condition.
3. The Owner/ Applicant shall inform all affected neighbours of this demolition approval, and only commence with demolition 14 days after receiving this approval, unless written acknowledgement is received from the affected neighbour.
4. This demolition approval doesn't give the Owner/ Applicant rights to carry out any form of construction, which includes excavation of trenches, up until the building plans submitted has been approved.
5. The Owner/ Applicant shall contact all the relevant Municipal Departments regarding the disconnecting of the related services.
6. After completion of the demolition, the site shall be appropriately secured as to prevent any unauthorized entry.
7. This permit is only valid for **12 months**.

Kind Regards

Ms. N Mbatsha
Acting Building Control Manager

DEMOLITION CONDITIONS NOT TO SCALE

No.	Date	Revision Description	Drawn	Checked
1	Sept 2025	For Tender Purposes Only	A.Budhram	V.Jugath
0	Feb 2024	Preliminary Design Drawings	A.Budhram	V.Jugath



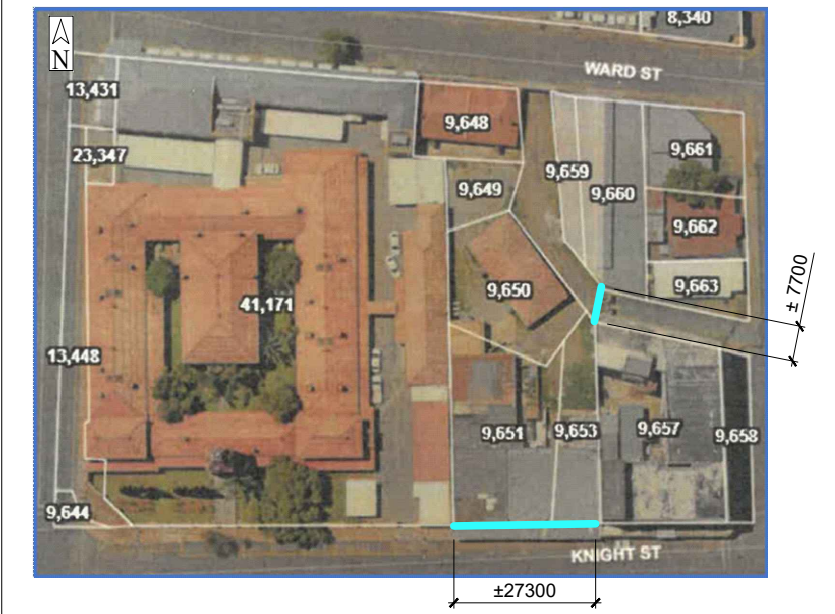
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REPUBLIC OF SOUTH AFRICA
22-23 Market Square
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LEGEND

Security Fence: 2.1m height fence

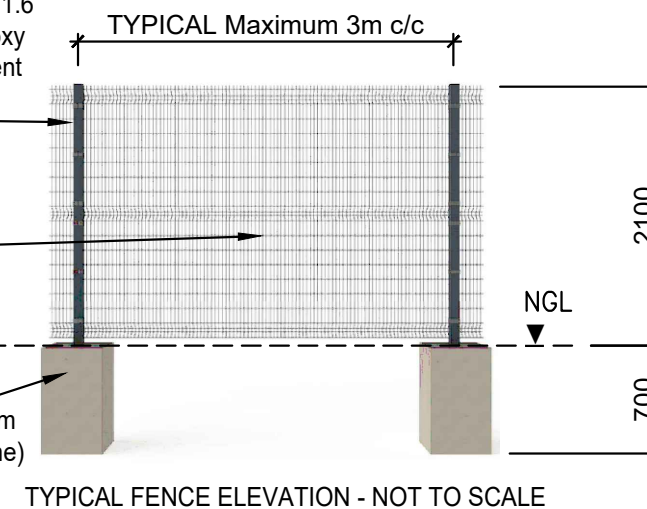


FENCE PLAN VIEW LAYOUT NOT TO SCALE

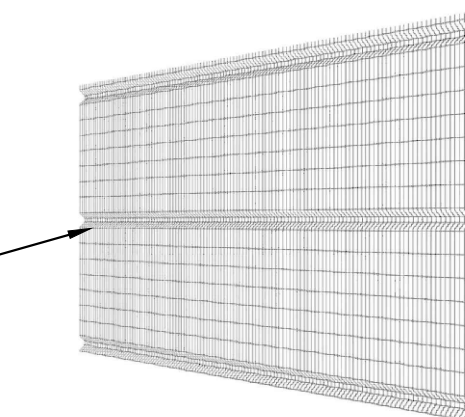
Security Posts : 60 x 60 x 1.6
square hollow section epoxy
coated Colour TBC by client
Panel connected to posts
with tamperproof bolts

Security Fence panel
Aperture size :
25mm x 100mm with
Reinforced Vbends

400mm x 400mm x 700mm
deep, 20MPA (19mm stone)
concrete



Security Fence Panel
Aperture size :
25mm x 100mm with
Reinforced Vbends
3.0mm Core Wire
epoxy coated Colour
TBC by client



TYPICAL FENCE PANEL VIEW - NOT TO SCALE

Confidentiality Note:

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CONSULTING ENGINEER

Approved for distribution :

Prepared by:	Amar Budhram (Candidate Engineering Technician. 2018700243) (Project Engineering Technician)
Signature:	
Checked and Reviewed by:	Thami Skele (Pr Tech Eng. 9970127) (Project Engineer) Vedanth Jugath (Pr Techni Eng. 2019600247) (Design Engineer)
Signature:	

NO AS-BUILT INFORMATION
WAS AVAILABLE

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ONLY

THIS DRAWING TO BE READ IN CONJUNCTION WITH
DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)

Discipline

Structural Engineering

Service

**KIMBERLEY DPWI: DEMOLITION OF
DILAPIDATED STRUCTURES: ERF 9649,
9650, 9651 AND 9653: STRUCTURAL
ENGINEERING SERVICES: WCS055327**

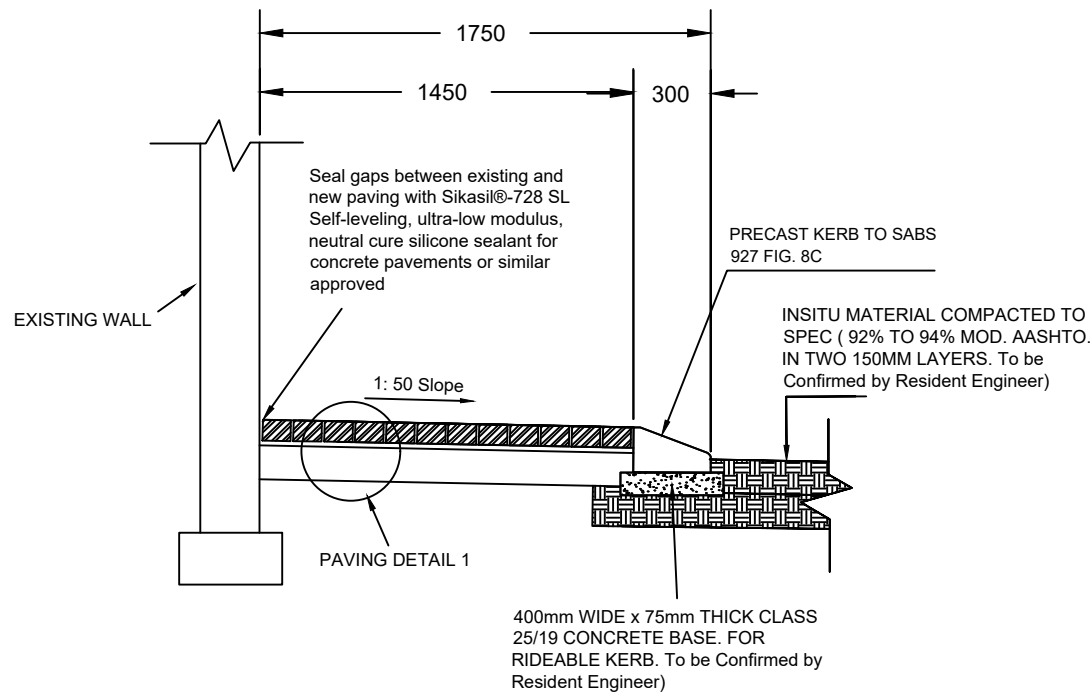
WCS number

WCS055327

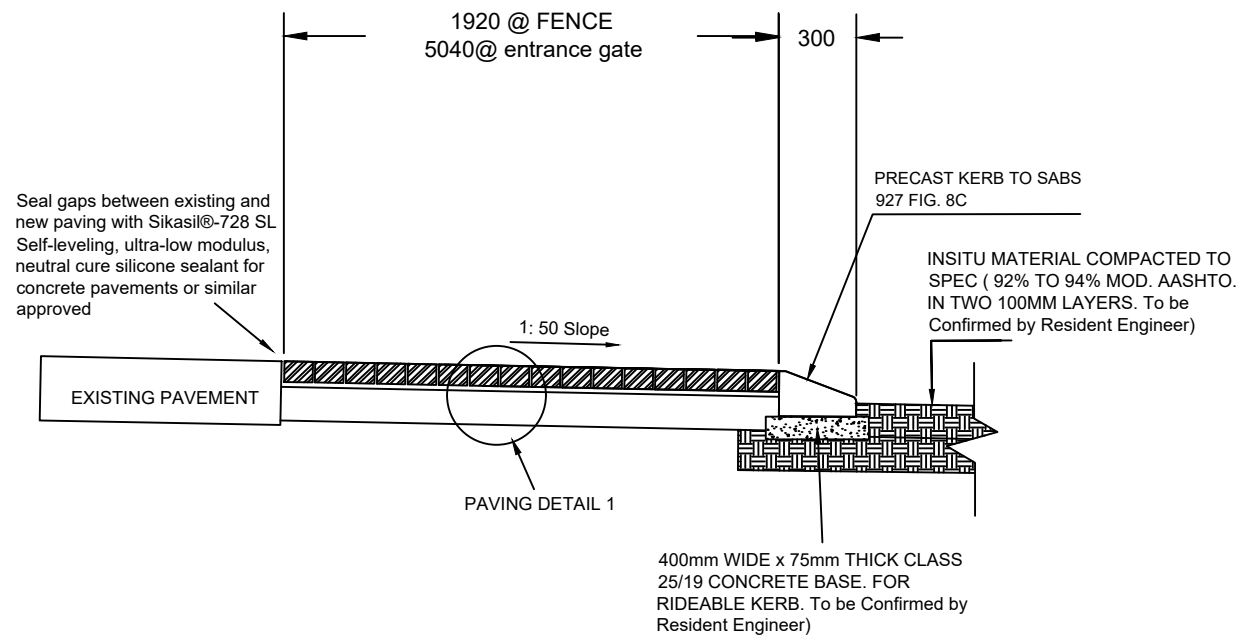
Drawing title

**ADDITIONAL DETAILS - DEMOLITION
CONDITIONS AND TYPICAL FENCE DETAILS**

Reference.no	Designed
BK0184	AS-BUILT
Scale	Drawn
A3: NTS	A. BUDHRAM
Date	Checked
SEPT 2025	V JUGATH
Drawing number	Rev
BK0184/STR/10	1



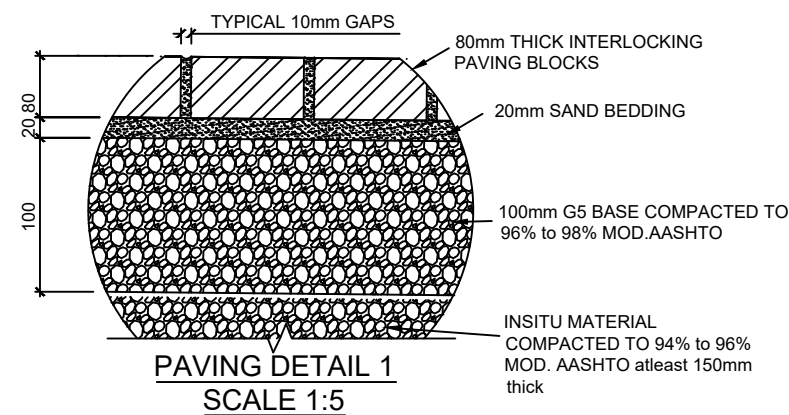
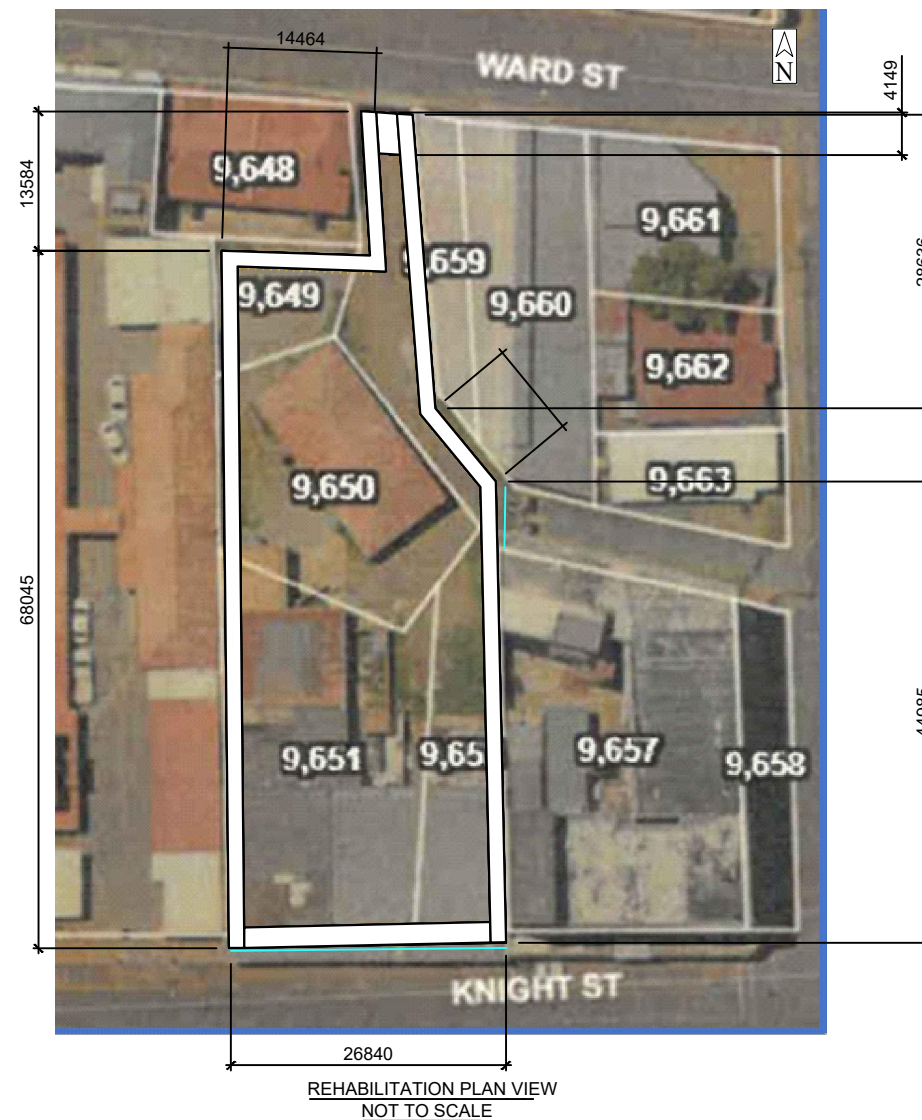
TYPICAL DETAIL OF ROAD LAYERS (EXISTING WALL CONDITION)
SCALE 1:20



TYPICAL DETAIL OF PAVING LAYER (EXISTING PAVEMENT CONDITION)
SCALE 1:20

LEGEND

- Paved surface: 80mm thick paving blocks including 20mm sand bedding, geo fabric and 100mm thick G5 sub base and 150mm insitu subgrade
- SECURITY FENCE
2.1m height fence



PAVING DETAIL 1
SCALE 1:5

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CONSULTING ENGINEER

Approved for distribution :

Prepared by:	Amar Budhram (Candidate Engineering Technician. 2018700243) (Project Engineering Technician)	
Signature:		
Checked and Reviewed by:	Thami Skele (Pr Tech Eng. 9970127) (Project Engineer)	Vedanth Jugath (Pr Techni Eng. 2019600247) (Design Engineer)
Signature:		

NO AS-BUILT INFORMATION WAS AVAILABLE	FOR TENDER PURPOSES ONLY
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DRAWING NUMBER:
BK0184/STR/02 (METHODOLOGY)

Discipline

Structural Engineering

Service

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WCS number

WCS055327

Drawing title

GROUND SURFACE REHABILITATION, POST DEMOLITION

Reference.no	BK0184	Designed	AS-BUILT
Scale	A3: NTS	Drawn	A. BUDHRAM
Date	FEB 2025	Checked	V JUGATH
Drawing number	BK0184/STR/11	Rev	1

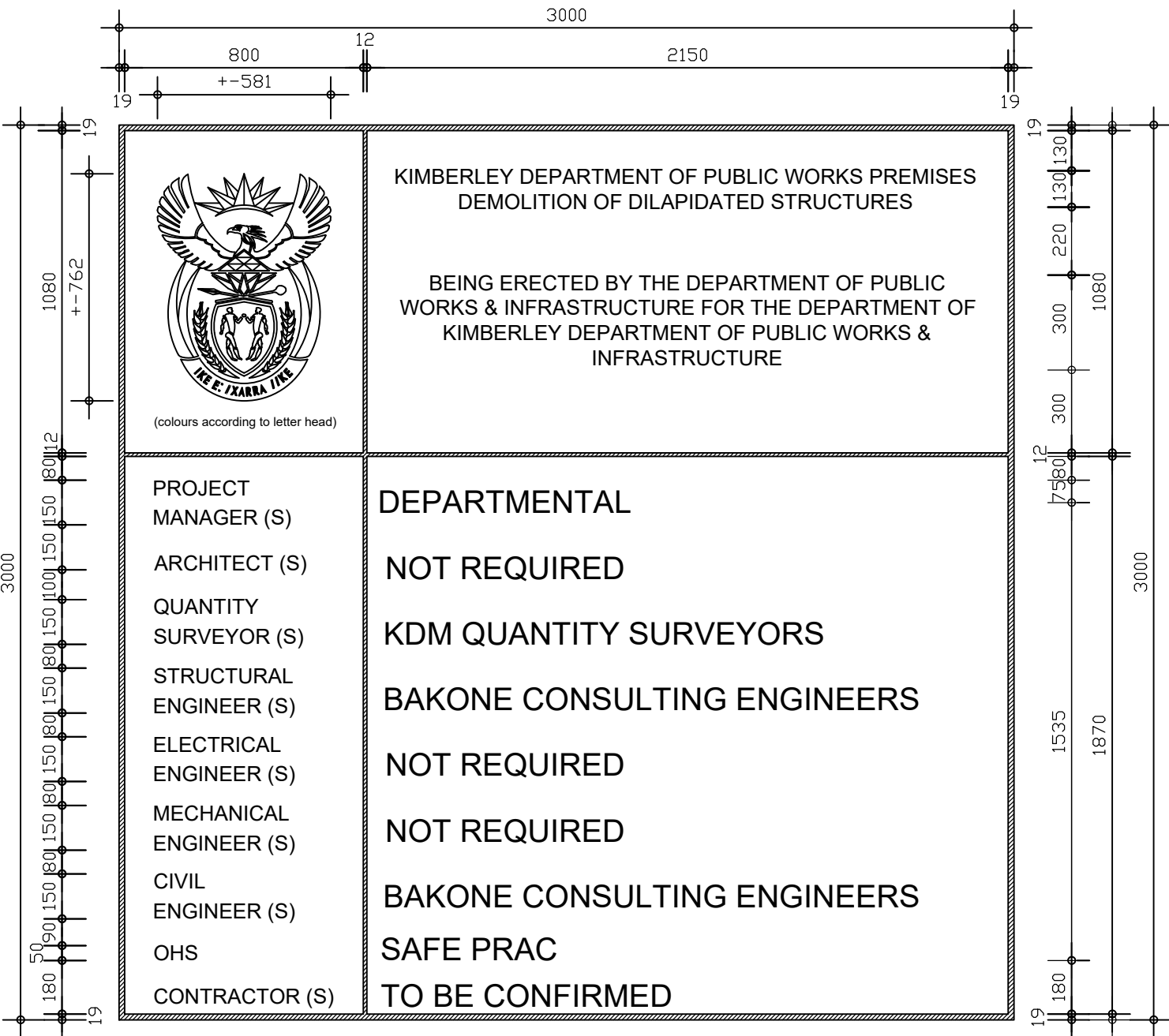


HEAD OFFICE :
581, Mendelssohn Street
Constantia Park, Pretoria
P.O. Box 72360, Lynnwood Ridge, 0040
Tel: 012 998 1225
Fax: 012 998 1169
Email: bakonepta@bakonegroup.co.za



public works & infrastructure
Department :
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA
22-23 Market Square
Kimberley
8301
Tel (053) 838 5210

No.	Date	Revision Description	Drawn	Checked
1	Sept 2025	For Tender Purposes Only	A.Budhram	V.Jugath
0	Feb 2024	Preliminary Design Drawings	A.Budhram	V.Jugath



SITE NAME BOARD
Scale 1:5

NOTE

BOARD TO BE PAINTED IVORY
WHITE WITH STANDARD GREEN
(as on letterhead) LETTERING,
LINES AND SURROUNDING.

19mm THICK SURROUNDING LINE.
12mm THICK DIVISION LINES.

OMIT LETTERING AS REQUIRED.

BOARD TO REMAIN 3000mm HIGH.

DIMENSIONS SHOWN IN mm

No.	DATE	AMENDMENT
1	FEB 2011	-CHANGE SCALE FROM 1:10 TO 1:5 (A2-A3 PAGE TYPE) -ADD DIMENSION LINE -CAD FILE NAME REPLACES DRAWING NUMBER -THE WORDING "(IN COLLABORATION WITH PWD)" WAS REMOVED

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page type A 3



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Department:
Public Works
REPUBLIC OF SOUTH AFRICA
DIRECTOR-GENERAL
Adv SAM VUKELA

departmental DEPARTMENT PROFESSIONAL SERVICES	
discipline ARCHITECTURAL SERVICES	
service TYPE DRAWING	
type number GEN 063	
drawing title SITE NAME BOARD	
ref.no. gen063	designed UNKNOWN
scale 1:5	drawn DEPT.
date FEB 2011	checked DEPT.
cad file name gen063_site name board_ndpw2011	