

## NOMYACA HIGH-SCHOOL – SCOPE OF WORK

### 1. PROJECT DATA & LOCATION

Date of Assessment	21 May 2019		
School Name	Nomyaca High School		
School Type	Secondary		
EMIS Number	500 235 172		
Province	KwaZulu Natal	Circuit Name	
Local Municipality	Umlalazi Municipality	District Municipality	Umlalazi Municipality
Physical Address	Ndlangubo Tribal Authority, Nomyaca Reserve		
GIS Coordinates	-28.73762	31.68307	
Current number of Students	801	Projected number of student	801
Current number of Educators	27	Projected number of Educators	27
Principal's Name	S.Biyela		
Principal's Contact Number	0723348702	Email Address	Sbiyelat@gmail.com
Alternative Contact Details			
Assessors Names			



JOHANNESBURG  
HEAD OFFICE

CAPE TOWN

BLOEMFONTEIN

NORTH WEST

EASTERN CAPE

DURBAN

LIMPOPO

32 Fricker Road  
Illovo  
Sandton

1 Century City Drive  
Century City  
Cape Town

Reitz Park Complex  
74-80 President  
Reitz Avenue

186 Klopper Street  
Rustenburg  
North West

22 Alexandra Road  
King William's Town  
Eastern Cape

Royal Palm Hotel  
3rd Floor Suite 3C  
6 Palm Boulevard

Consillium Building  
Ground Floor  
18 General Beyers Street

## 2. SCOPE OF WORK

### BLOCK A

- Remove asbestos roof sheeting including purlins, trusses and make good. Install new sheet metal roof sheeting with colour coat applied finish, concealed fixing clips to comply with SANS1200-hb. purlin spacing according to manufacturer's specification, all to architect's approval. colour to match existing on site sheeting. Ridge capping - standard factory manufactured ridges and flashings, finish to match roof covering.
- New timber roof trusses to be designed and manufactured by an approved licenced timber truss specialist. To include timber purlins and all necessary bracing etc. All design information to be issued to engineer for approval prior to manufacture of trusses. A certificate of compliance to be issued on completion of work. Note new trusses to be fixed back to existing trusses.
- Existing standard pressed metal door frame. Make good to frame as required. Broken hinges to frame to be removed and provide new (Also provide new where hinges are missing) welded to the frames in correct positions. (9 Standard doors)
- Remove existing floor finish as required and make good to screed. Prepare floor to receive new tiles to standard specifications strict accordance with manufacturers specification etc. Colour to be confirmed by architect. [Block A: 190 sqm]
- Install new light fittings. Install new 13W LED bulkhead light fittings and replace wiring and conduit where necessary.
- Install new blank covers and warning labels. Install new circuit breaker blank covers and warning labels for DB and issue Certificate of compliance.
- Install new Level IV lightning protection installation according to SANS 10313, Issue earthing test certificate achieving 10 ohms or less.
- Reseal all joints in walkway and apron slabs. Reseal with polysulphide sealant. Where there is no joint present but walkway or apron slab has cracked in a joint position, repair as follows:
  - Removal of cracked and delaminated concrete
  - Apply wet to dry epoxy mortar
  - Application of repair mortar or micro-concrete to replace damaged concrete
  - Saw-cut joint to be done and sealed with polysulphide sealant.

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Illovo	Century City	74-80 President	Rustenburg	King William's Town	3rd Floor Suite 3C	Ground Floor
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## BLOCK B

- Remove asbestos roof sheeting including purlins, trusses and make good. Install new sheet metal roof sheeting with colour coat applied finish, concealed fixing clips to comply with SANS1200-hb. purlin spacing according to manufacturer's specification, all to architect's approval. colour to match existing on site sheeting. Ridge capping - standard factory manufactured ridges and flashings, finish to match roof covering. [Block B: 233,32 sqm].
- New timber roof trusses to be designed and manufactured by an approved licenced timber truss specialist. To include timber purlins and all necessary bracing etc. All design information to be issued to engineer for approval prior to manufacture of trusses. A certificate of compliance to be issued on completion of work. Note new trusses to be fixed back to existing trusses.
- Install new rainwater fascia board, gutter and downpipe. [PVC gutter and downpipes, fibre cement barge board to KZN DoE standard specification.
- Existing standard pressed metal door frame. Make good to frame as required. Broken hinges to frame to be removed and provide new (Also provide new where hinges are missing) welded to the frames in correct positions. (4 Standard doors)
- Remove existing floor finish as required and make good to screed. Prepare floor to receive new tiles to standard specifications strict accordance with manufacturers specification etc. Colour to be confirmed by architect. [Block B: 233,32 sqm]
- x13 broken 950x1440mm steel windowpanes are to be removed, replace and make good. New window to match existing.
- Remove all existing chalk boards and replace with new chalkboard to standard specifications. [x14 Chalkboard. All classrooms]
- Install new light fittings. Install new 13W LED bulkhead light fittings and replace wiring and conduit where necessary.
- Install new blank covers and warning labels. Install new circuit breaker blank covers and warning labels for DB and issue Certificate of compliance.
- Install new Level IV lightning protection installation according to SANS 10313, Issue earthing test certificate achieving 10 ohms or less.
- Reseal all joints in walkway and apron slabs. Reseal with polysulphide sealant. Where there is no joint present but walkway or apron slab has cracked in a joint position, repair as follows:
  - Removal of cracked and delaminated concrete

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- Apply wet to dry epoxy mortar
- Application of repair mortar or micro-concrete to replace damaged concrete
- Saw-cut joint to be done and sealed with polysulphide sealant.

## BLOCK C

- Remove asbestos roof sheeting including purlins, trusses and make good. Install new sheet metal roof sheeting with colour coat applied finish, concealed fixing clips to comply with SANS1200-hb. purlin spacing according to manufacturer's specification, all to architect's approval. colour to match existing on-site sheeting. Ridge capping - standard factory manufactured ridges and flashings, finish to match roof covering. [Block C: 233,32 sqm].
- New timber roof trusses to be designed and manufactured by an approved licenced timber truss specialist. To include timber purlins and all necessary bracing etc. All design information to be issued to engineer for approval prior to manufacture of trusses. A certificate of compliance to be issued on completion of work. Note new trusses to be fixed back to existing trusses.
- Install new rainwater fascia board, gutter and downpipe. [PVC gutter and downpipes, fibre cement barge board to KZN DoE standard specification.
- Existing standard pressed metal door frame. Make good to frame as required. Broken hinges to frame to be removed and provide new (Also provide new where hinges are missing) welded to the frames in correct positions. (4 Standard doors)
- Remove existing floor finish as required and make good to screed. Prepare floor to receive new tiles to standard specifications strict accordance with manufacturers specification etc. Colour to be confirmed by architect. [Block C: 233,32 sqm]
- x14 broken 950x1440mm steel windowpanes are to be removed, replace and make good. New window to match existing.
- Install new light fittings. Install new 13W LED bulkhead light fittings and replace wiring and conduit where necessary.
- Install new blank covers and warning labels. Install new circuit breaker blank covers and warning labels for DB and issue Certificate of compliance.
- Install new Level IV lightning protection installation according to SANS 10313, Issue earthing test certificate achieving 10 ohms or less.

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- Reseal all joints in walkway and apron slabs. Reseal with polysulphide sealant. Where there is no joint present but walkway or apron slab has cracked in a joint position, repair as follows:
  - Removal of cracked and delaminated concrete
  - Apply wet to dry epoxy mortar
  - Application of repair mortar or micro-concrete to replace damaged concrete
  - Saw-cut joint to be done and sealed with polysulphide sealant.

## BLOCK D

- Remove asbestos roof sheeting including purlins, trusses and make good. Install new sheet metal roof sheeting with colour coat applied finish, concealed fixing clips to comply with SANS1200-hb. purlin spacing according to manufacturer's specification, all to architect's approval. colour to match existing on-site sheeting. Ridge capping - standard factory manufactured ridges and flashings, finish to match roof covering. [Block D: 233,32 sqm].
- New timber roof trusses to be designed and manufactured by an approved licenced timber truss specialist. To include timber purlins and all necessary bracing etc. All design information to be issued to engineer for approval prior to manufacture of trusses. A certificate of compliance to be issued on completion of work. Note new trusses to be fixed back to existing trusses.
- New industrial grade reinforced aluminium foil insulation double sided reflective foil laminate supported between purlins by 1.6mm dia. double galvanised straining wires installed following manufacturers specification and requirements.
- Install new rainwater fascia board, gutter and downpipe. [PVC gutter and downpipes, fibre cement barge board to KZN DoE standard specification.
- Existing standard pressed metal door frame. Make good to frame as required. Broken hinges to frame to be removed and provide new (Also provide new where hinges are missing) welded to the frames in correct positions. (4 Standard doors)
- Remove existing floor finish as required and make good to screed. Prepare floor to receive new tiles to standard specifications strict accordance with manufacturers specification etc. Colour to be confirmed by architect. [Block D: 233,32 sqm]
- x9 broken 950x1440mm steel windowpanes are to be removed, replace and make good. New window to match existing.
- Install new light fittings. Install new 13W LED bulkhead light fittings and replace wiring and conduit where necessary.

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- Install new blank covers and warning labels. Install new circuit breaker blank covers and warning labels for DB and issue Certificate of compliance.
- Install new Level IV lightning protection installation according to SANS 10313, Issue earthing test certificate achieving 10 ohms or less.
- Reseal all joints in walkway and apron slabs. Reseal with polysulphide sealant. Where there is no joint present but walkway or apron slab has cracked in a joint position, repair as follows:
  - Removal of cracked and delaminated concrete
  - Apply wet to dry epoxy mortar
  - Application of repair mortar or micro-concrete to replace damaged concrete
  - Saw-cut joint to be done and sealed with polysulphide sealant.

## BLOCK E

- Remove asbestos roof sheeting including purlins, trusses and make good. Install new sheet metal roof sheeting with colour coat applied finish, concealed fixing clips to comply with SANS1200-hb. purlin spacing according to manufacturer's specification, all to architect's approval. colour to match existing on-site sheeting. Ridge capping - standard factory manufactured ridges and flashings, finish to match roof covering. [Block E: 233 sqm].
- New timber roof trusses to be designed and manufactured by an approved licenced timber truss specialist. To include timber purlins and all necessary bracing etc. All design information to be issued to engineer for approval prior to manufacture of trusses. A certificate of compliance to be issued on completion of work. Note new trusses to be fixed back to existing trusses.
- New industrial grade reinforced aluminium foil insulation double sided reflective foil laminate supported between purlins by 1.6mm dia. double galvanised straining wires installed following manufacturers specification and requirements.
- Install new rainwater fascia board, gutter and downpipe. [PVC gutter and downpipes, fibre cement barge board to KZN DoE standard specification.
- Existing standard pressed metal door frame. Make good to frame as required. Broken hinges to frame to be removed and provide new (Also provide new where hinges are missing) welded to the frames in correct positions. (4 Standard doors)
- Remove existing floor finish as required and make good to screed. Prepare floor to receive new tiles to standard specifications strict accordance with manufacturers specification etc. Colour to be confirmed by architect. [Block E: 233 sqm]

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- Provide adequate storage facility. Build new Storage and Kitchen facilities to comply with standards. Building materials to be used during construction must be those that are approved by the SANS.
- Install new light fittings. Install new 13W LED bulkhead light fittings and replace wiring and conduit where necessary.
- Install new blank covers and warning labels. Install new circuit breaker blank covers and warning labels for DB and issue Certificate of compliance.
- Install new Level IV lightning protection installation according to SANS 10313, Issue earthing test certificate achieving 10 ohms or less.
- Reseal all joints in walkway and apron slabs. Reseal with polysulphide sealant. Where there is no joint present, but walkway or apron slab has cracked in a joint position, repair as follows:
  - Removal of cracked and delaminated concrete
  - Apply wet to dry epoxy mortar
  - Application of repair mortar or micro-concrete to replace damaged concrete
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### **NOTE:**

Existing ablution block to be demolished due to extreme deterioration. Build new structure as per design documentation provided.

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<b>PROJECT/PROPOSAL NAME</b>	<b>KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTANANCE PROGRAMME</b>	<b>PROJECT No</b>	5152
<b>TITLE DOCUMENT</b>	<b>PROJECT ASSESSMENT REPORT: NOMYACA HIGH SCHOOL</b>		
<b>ELECTRONIC LOCATION</b>			

	Approved by	Reviewed by	Prepared by
ORIGINAL	TITLE: COO NAME:	TITLE: DIRECTOR RISK NAME:	TITLE: PROJECT MANAGER NAME:
DATE	SIGNATURE	SIGNATURE	SIGNATURE

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