



- General Construction Notes:**
All works to be carried out in accordance with the relevant parts of SANS10400:2010 regulations.
- Excavations:**
All excavations to be as per the eng's details.
Excavations to comply with SANS 10400:2010 Part G. Excavations to be maintained in a safe condition at all times.
- Foundations:**
The foundation design to comply with SANS10400:2010 Part H, and as per the eng's specifications and details.
All retaining wall foundations to engineers details. All foundations to be taken down to virgin soil.
- Brickwork:**
- Masonry walls to comply with SANS 10400:2010 Part K and as per the engineers details.
 - 230 walls tied together with metal ties evenly spaced at not more than 600mm apart to every 3rd course. Wall ties to be staggered.
 - Provide brick force to every course above windows, doors and openings.
 - Facebrick to match existing.
 - Allow for dpc at window head and cill levels.
 - All foundation and plinth brickwork to be NFX bricks. All un-plastered walls to be NFX bricks.
 - 12mm impregnated softboard at all junctions between brickwork & concrete, as well as between old and new brickwork. Joints to be filled with polysulphide sealant.
 - Brickforce to be placed in the first six courses of brickwork on strip foundations, thereafter placed in every 4th course in all brick walls.
 - All brick walls to be reinforced with reinforcing one row to every 4th course, to comply with SANS 10400:2010 part K.
 - Internal walls to be plastered and painted as per Finishing Schedule.
 - Vertical and horizontal waterproofing (damp-proof) to external walls to be as per SANS 10400:2010 Part K.
 - Externally facing to be to match existing Face brick. Outer face of inner skin of all external walls to be bagged and bitumen tarred. Face-brick walls to have a flush jointed finish.
- Concrete Walls:**
- All concrete walls, columns & soffits to be as per the engineers specifications.
- Doors:**
- Refer to Door Schedule.
- Ceilings:**
- Refer to Finishing Schedule.
- Roof:**
- Refer to specifications on BLOCK F Layouts- Drawing Number: 14-09.
- Rain Water Goods:**
- Refer to specifications on BLOCK F Layouts- Drawing Number: 14-09.
- Drainage Notes**
- All new external sewer pipes to be as per the civil engineers details and specifications.
 - 500 pvc waste pipes from WHB's to sewer pipes.
 - 500 pvc waste pipes from showers to sewer pipes.
 - 1100 pvc sewer pipes from toilets & urinals to sewer pipe.
 - The new drainage installation to comply with SANS 10400 Part P: as follows:
 - All plumbing and drainage work and installation of sanitary fittings to comply with the relevant Local Authority by-laws, regulations and requirements.
 - Provide I.E.'s to all bends and junctions and is to be fully accessible at all times.
 - Minimum 1:40 fall to all drain pipes.
 - Provide approved reveal traps to all waste fittings.
- Stormwater:**
- All new stormwater pipes & man-holes to be as per the civil engineers details and specifications.
- GENERAL NOTES:**
- It is the contractors responsibility to make sure that all of the SANS requirements are adhered too, during construction.
 - The contractor is to comply with the site operations requirements in terms of SANS 10400:2010 Part F, provide on site sanitary facilities for staff.
 - No dimensions to be scaled or scanned from drawings. Figured dimensions are to be used at all times. All dimensions to be checked on site
 - Contractor is responsible for correct setting out of the buildings, all internal and external walls with particular reference to boundaries, building lines etc.
 - Contractor to verify all levels, heights and dimensions on site and to check the same against the drawings before putting any work in hand.
 - Contractor is to locate and identify existing services on the site and to protect these from damage throughout the duration of the works.
 - Any errors, discrepancies or omissions to be reported immediately.
 - Contractor is to build in approved 4 ply D.P.C. whether or not these are shown on drawings, to all windows, doors, grilles or other openings in external walls.
 - Any queries arising from all the above must be reported and clarified before any work is put in hand.
 - Structural work to professional engineers details.
 - It is the contractors responsibility to contact the author of the plans to obtain clarity on any information reflected on these drawings or if additional information is required and is not to make any assumptions.

Please Note:

- For General Notes please refer to **Drawing Number - 14-04.**
- All measurements are for reference purposes only.

KEY PLAN - BLOCK - A
Umbelebele High School:
1:1000

REV	DATE	DESCRIPTION	NAME
A	19/11/27	Issued to QS for BOQ.	T. Nadasen

PROJECT MANAGERS

2 LATINA PLACE
WESTVILLE, 3629
P.O. BOX 1788
WESTVILLE 3630
TEL 031 -266 8345/65
FAX 031 -266 8336

IMPLEMENTING AGENT

Development Bank
of Southern Africa

CLIENT

Department:
Education
PROVINCE OF KWAZULU-NATAL

EMIS No. **500286898**

COORDINATES: **29°58'35.86"S 30°53'51.28"E**

SCHOOL NAME:
UMBELEBELE HIGH SCHOOL

PROPERTY DESCRIPTION: **Mango Circle, Umlazi,
Durban, 4031**

PROJECT
**STORM DAMAGES
(PHASE 17)**

DISCIPLINE
ARCHITECTURE

DRAWING TITLE
**BLOCK A:
FLOOR PLAN, SECTIONS & ELEVATIONS
PROPOSED PRIMARY SCOPE**

	RESPONSIBLE PERSON	DATE	SIGN	SHEET SIZE
DESIGNED	-	-	-	A1
DRAWN	-	-	-	SCALE AS SHOWN
CHECKED	-	-	-	SHEET
APPROVED				

DRAWING STATUS CODES :
R = REPORT
P = PRELIMINARY

T = TENDER
A = AS BUILT

C = CONSTRUCTION
S = SUBMISSION

DRAWING INFORMATION	PROJ. No	DWG No	STATUS	REV
ARCHITECTURE	117	14-04	T	A