

## NOTES

- GENERAL:
1. PROVE ALL SERVICES PRIOR TO CONSTRUCTION
  2. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE
  3. ALL SETTING OUT TO BE UNDERTAKEN BY A REGISTERED PROFESSIONAL LAND SURVEYOR
  4. ALL SURVEY AND SETTING OUT DATA PROVIDED IS BASED ON (W94)
  5. ALL WORK AREAS TO BE REINSTATEMENT (PREMIX, CONCRETE, ETC.)
  6. MUNICIPALITY TO EXECUTE ALL CONNECTIONS INTO MUNICIPAL
  7. UNLESS OTHERWISE AGREED WITH ENGINEER, CONTRACTOR TO SUPPLY ENGINEER WITH RESULTS OF COMPACTION TESTS, AND WHEN APPLICABLE, PERCENTAGE STABILIZATION TESTS ON EACH
  8. ALL WORKS IN ACCORDANCE WITH CITY OF DURBAN SPECIFICATIONS AND SANS 1200
  9. THE CONTRACTOR REQUIRES 24 HOURS NOTICE FOR ALL INSPECTIONS

## MATERIAL COMPLIANCE TESTING

1. RESULTS OF COMPACTION AND CBR TESTS ON INSITU SUB-BASE MATERIAL AND FILLED SUB-BASE MATERIAL MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE THE UPPER LAYER WORKS ARE IMPORTED TO THE SITE AND PLACED.

### FREQUENCY OF TESTS

1. CBR TESTS 1 PER 300m<sup>2</sup>.
2. COMPACTION TESTS 1 PER 200m<sup>2</sup> NOTE : COMPACTION TESTS WILL BE REQUIRED FOR EACH OF THE VARYING LAYER THAT IS IMPORTED AND COMPACTED IN PLACE.

RETAINING WALL

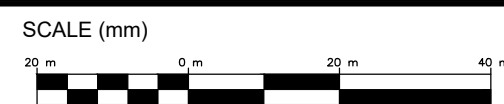
1. ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE.
2. ALL CONCRETE WORK IS TO COMPLY WITH SANS 1202.
3. CONCRETE GRADE : FOUNDATION 25 / 19
4. ALL FOUNDATION EXCAVATIONS TO BE INSPECTED BY THE ENGINEER PRIOR TO CASTING OF CONCRETE
5. ALL REINFORCING FIXING IS TO BE INSPECTED BY THE ENGINEER PRIOR TO CASTING
6. SIX CONCRETE CUBES TO BE TAKEN PER BATCH. THREE CUBES TO BE TESTED AT SEVEN DAYS, THE REMAINDER AT TWENTY EIGHT DAYS. THE RESULTS ARE TO BE FORWARDED TO THE ENGINEER FOR REVIEW AND APPROVAL
7. SET BOTTOM ROW OF BLOCKS IN WET CONCRETE
8. ALL BACKFILL TO BE COMPACTED TO 93% MOD ASHTO DENSITY
9. STOP WATER BEHIND THE FACE OF THE WALL TO BE MANAGED IN EACH BAY, AS TO OBSERVE SCOUR BEHIND AND OVER TOPPING OF THE WALL.

### ROADS AND FOOTPATHS

1. ALL LEVELS, DIMENSIONS AND SETTING OUT DETAILS TO BE VERIFIED BY CONSULTANT AND CONTRACTORS ON SITE PRIOR TO COMMENCEMENT OF WORK.
2. THE POSITIONS OF ACCESSES ARE TO BE DETERMINED IN CONSULTATION WITH THE LOCAL COMMUNITY. DAYLIGHT OPENINGS ARE TO BE PROVIDED TO ALL EXISTING ON SITE CONCRETE DECKS ACCORDING TO CIVIL ENGINEERS' DETAILS AND SPECIFICATIONS MAY BE USED IN PLACE OF SURFACED OPENINGS. ACCESSES TO EXISTING SIKRING SINGLE RESIDENTIAL PROPERTIES.
3. EXISTING ROAD SIGNS, SERVICES AND FENCING AFFECTION BY THE PROPOSED WORK ARE TO BE IDENTIFIED AND REMOVED IN ACCORDANCE WITH THE CIVIL ENGINEER'S INSTRUCTION BY THE CIVIL ENGINEER.
4. UNDERGROUND SERVICE CROSSINGS AND MARKERS ARE TO BE IDENTIFIED AND REMOVED IN ACCORDANCE WITH THE CIVIL ENGINEER'S DETAILS AND SPECIFICATIONS.
5. ALL NEW ROAD SIGNS AND ROAD MARKING REQUIREMENTS ARE TO CONFORM TO THE SOUTHERN AFRICA DEVELOPMENT COMMUNITY OF NATIONS ROAD MARKING SPECIFICATIONS.
6. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH "COLTO" SPECIFICATIONS FOR ROAD AND BRIDGE WORKS FOR STATE HIGHWAYS.
7. NEW FILLS AND EXPOSED CUTS ARE TO BE TOP-SOILED AND VEGETATED IMMEDIATELY AFTER CONSTRUCTION TO PREVENT EROSION.

STORMWATER

1. ALL STORMWATER PIPES ARE CLASS 100D CONCRETE AND HD PE 34 UPVC PIPES.
2. ALL STORMWATER CONCRETE PIPES TO COMPLY WITH SANS 6777 STANDARDS.
3. ALL UPVC PIPES TO COMPLY WITH SANS 966 STANDARDS.
4. ALL JOINTS TO BE "SPIGOT AND SOCKET" TYPE.
5. ALL STORMWATER PIPES TO BE LAID ON CLASS B BEDDING.
6. ALL EXISTING DRAINAGE CULVERTS ARE TO BE INSPECTED, AND IF FOUND IN UNDESIRABLE CONDITION TO BE REPLACED OR REPAIRED BY THE CIVIL ENGINEER.
7. CULVERT INVERTS ARE TO BE DECIDED BY CIVIL ENGINEER ON SITE UNLESS SHOWN OTHERWISE. MIN. COVER = 600mm, MIN. SLOPE = 2%.

[illegible]

REV	DESCRIPTION	BY	DATE
P1	FOR TENDER	A.D.	2024.03.22

Professional person

## Registration



PROJECT eTHEKWINI: PROVISION OF  
INCREMENTAL SERVICES TO  
INFORMAL SETTLEMENTS:  
ISITHUNDU HILL WARD 13

DETAILS

FOOTPATHS LONG  
SECTION  
(SHEET 3 OF 3)



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DESIGNED	K.G	COPYRIGHT RESERVED	SCALES
DRAWN	A.D		AS SHOWN
APPROVED	L.S	PL	DATE 2024.03.22

CONTRACT No. 4V-28990

DRAWING No. 557/ISIT/901-3

REV P1