



- ## 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 (WGS 84).
5. ALL WORK AREAS TO BE REINSTATEMENT (PREMIX, CONCRETE, ETC.) MUNICIPALITY TO EXECUTE ALL CONNECTIONS INTO MUNICIPAL LINES.
6. UNLESS OTHERWISE AGREED WITH ENGINEER, CONTRACTOR TO SUPPLY ENGINEER WITH RESULTS OF COMPACTION TESTS, AND WHEN APPLICABLE, PERCENTAGE STABILIZATION TESTS ON BACKFILL.
7. ALL WORKS IN ACCORDANCE WITH CITY OF DURBAN SPECIFICATIONS AND SANS 1200.
8. THE ENGINEER, 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 300m².
2. COMPACTION TESTS 1 PER 200m² 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 1200C.
3. CONCRETE GRADE - FOUNDATION S2 / F19
4. ALL FOUNDATION EXCAVATION IS 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 OF CONCRETE.
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 AASHTO DENSITY STOP WATER BEHIND THE FOOT OF THE WALL TO BE MANAGED IN ORDER TO PREVENT OR OBVIATE SCOUR BEHIND OR 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 WORKS.
2. THE POSITIONS OF ACCESSES ARE TO BE DETERMINED IN CONSULTATION WITH THE LOCAL COMMUNITY. DAYLIGHT DRAINAGE CHANNELS AND ACCESSES ARE TO BE SET OUT ON SITE CONCRETE WEDGES ACCORDING TO CIVIL ENGINEERS DETAILS AND SPECIFICATIONS MAY BE USED IN PLACE OF SURFACE BUILT DRAINAGE FOR ACCESS SERVING SINGLE RESIDENTIAL PROPERTIES.
3. EXISTING ROAD SIGNS, SERVICES AND FENCING BEING AFFECTED BY THE PROPOSED WORKS ARE TO BE RELOCATED ON INSTRUCTION BY THE CIVIL ENGINEER.
4. UNDERGROUND SERVICE CROSSINGS AND MARKERS ARE TO BE IDENTIFIED AND PROTECTED IN ACCORDANCE WITH SPECIFICATIONS.
5. ALL NEW ROAD SIGNS AND ROAD MARKING REQUIREMENTS ARE TO CONFORM TO THE SOUTHERN AFRICAN DEVELOPMENT COMMUNITY ROAD MARKING SPECIFICATIONS.
6. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH "COLTO" SPECIFICATIONS FOR ROAD AND BRIDGE WORKS FOR STATE ROAD AUTHORITIES.
7. ALL EXPOSED CUTS ARE TO BE TOP-SOILED AND VEGETATED IMMEDIATELY AFTER CONSTRUCTION TO PREVENT

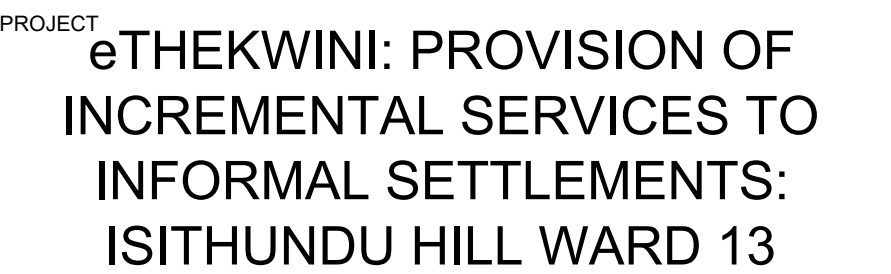
STORMWATER

1. ALL STORMWATER PIPES ARE CLASS 100D CONCRETE AND HD PE 34 LRVC 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 ANY FOUND IN UNSERVICEABLE CONDITION ARE TO BE REPLACED ON INSTRUCTION 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



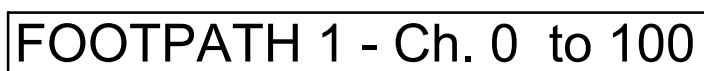
DETAILS

FOOTPATHS LONG
SECTION
(SHEET 1 OF 3)



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/901-1 REV. P1



FOR TENDER