

SITE STORM WATER:

1. NO PONDING OF WATER IS PERMITTED WITHIN 1.5m OF THE BUILDING CONCRETE APRON.

TRIM AND SHAPE FOUNDATION EARTHWORKS TO ACCOMMODATE SITE DRAINAGE.

> ALL MATERIALS AND WORKMANSHIP ARE TO BE IN ACCORDANCE OF THE STANDARD SPECIFICATIONS, SABS 1200,

AND THE STANDARDS REFERRED TO THEREIN. CONCRETE STRENGTH:

RAFT SLAB & BEAMS = 25MPa/13mm AT 28 DAYS CONCRETE APRON = 25MPa/13mm AT 28 DAYS

PROPER CONCRETE SPACERS TO BE USED. NO CONCRETE SHALL BE CAST WITHOUT THE APPROVAL OF

REMOVE TOPSOIL CONTAINING ROOTS AND ORGANIC MATERIAL UP TO 75mm DEEP. TO BE CONFIRMED BY ENGINEER ON SITE. REMOVE 700mm OF EXISTING IN-SITU MATERIAL, THEN RIP AND RE-COMPACT IN-SITU MATERIAL TO A DEPTH OF

150mm TO 93% MAASHTO DENSITY. IMPORT APPROVED G7 FILL MATERIAL AND COMPACT TO 95% MAASHTO DENSITY. COMPACTION RESULTS TO BE SUPPLIED TO THE ENGINEER PRIOR TO EXCAVATION OF GROUND BEAMS. ONCE APPROVED, EXCAVATION OF THE GROUND BEAMS CAN

THE SIDES AND BOTTOMS OF RAFT BEAMS AND THE ENTIRE AREA UNDER THE RAFT SLAB MUST BE LINED WITH 375 MICRON DPC. ALL JOINTS TO BE OVERLAPPED A MINIMUM OF

150mm AND TAPED TOGETHER. THE TOP 250mm OF THE RAFT SLAB OR ANY VISIBLE HORIZONTAL/VERTICAL SURFACE MUST HAVE A SMOOTH

OFF-SHUTTER (STEEL) FINISH. REINFORCING IN BEAMS SHALL BE PLACED CENTRALLY AND

WITH 50mm COVER TOP, BOTTOM, AND SIDES. MESH TO BE PLACED 30mm FROM TOP OF SLAB.

MINIMUM LAP LENGTH OF MESH =400mm. MINIMUM LAP LENGTH OF REINFORCING STEEL = 50xØ CONCRETE APRONS SHALL BE 1000mm WIDE x 85mm THICK

(25MPa/13mm) WITH A 150mm THICKENED TOE AND SLOPED A MINIMUM OF 30mm AWAY FROM THE RAFT FOUNDATIONS.

APRONS TO BE CAST IN PANELS OF MAXIMUM 2000mm LONG AND BUTT JOINTED. MESH REF.193 REINFORCING WITH 40mm COVER FROM TOP OF APRON SLAB.

QUALITY CONTROL TESTS TO BE DONE

A. <u>CONCRETE CUBE TESTS:</u>
1. 1 SET OF CUBES (3) REQUIRED FOR EVERY 30m³ (5 TRUCKS) OF CONCRETE PLACED. SAMPLES TO BE TAKEN FROM DIFFERENT BATCHES AND

RANDOMLY CHOSEN. AT LEAST ONE SAMPLE SHALL BE TAKEN FROM EACH DAY'S

PLACING OF DIFFERENT GRADES OF CONCRETE. TESTS TO BE PERFORMED BY A SANAS APPROVED LABORATORY

ALL CONCRETE TEST CUBES MUST BE SUPPLIED TO THE ENGINEER WITHIN 7 DAYS OF REACHING AGE (7 AND 28 DAYS) FOR APPROVAL.

FOR CONSTRUCTION

100 MILLIMETRES ON ORIGINAL DRAWING

(A) BEFORE CONTRACT COMMENCES

AFTER CONTRACT HAS COMMENCED

AMENDMENTS AMENDMENTS TO BENDING SCHEDULE A 20/08/2021

IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978)



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PROJECT

KHAYAMNANDI 479 HOUSING PROJECT DESPATCH

DRAWING DESCRIPTION

RAFT REINFORCEMENT LAYOUT FOR NEW DWELLING ON ERF 1309

10415000-503

CHECKED: DT SCALE: AS SHOWN

DATE: 2021-08-18

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