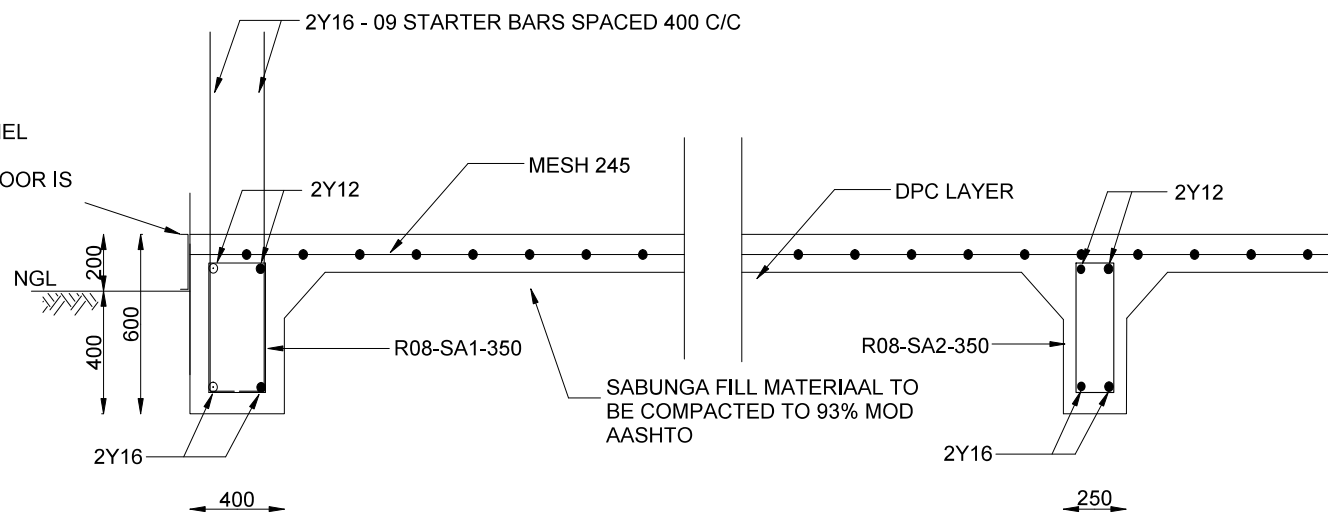


PLAN: RAFT FOUNDATION
SCALE: 1 : 30

150mm LIPPED CHANNEL SHUTTER TO BE USED WHEN FLOOR IS CONSTRUCTED



RAFT DETAIL
SCALE: NTS

BENDING SCHEDULE											DRAWING REFERENCE		
STRUCTURE: BEAMS (BEAM 1) AND (BEAM 3)											No	Drg No	Title
TYPE & DIA	MARK	UNITS	NO/ UNIT	TOTAL	LENGTH	CODE	DIMENSIONS					E/Rmm	
							Amm	Bmm	Cmm	Dmm			
Y12	01	2	2	4	4000	35	3700						
Y16	02	2	2	4	4000	35	3700						
Y16	09	2	22	44	1500	34	1350						
R8	SA1	2	11	22	1800	60	500	300					

STRUCTURE: BEAMS (BEAM 4) AND (BEAM 6)											E/Rmm
TYPE & DIA	MARK	UNITS	NO/ UNIT	TOTAL	LENGTH	CODE	DIMENSIONS				
							Amm	Bmm	Cmm	Dmm	
Y12	03	2	2	4	5000	35	4700				
Y16	04	2	2	4	5000	35	4700				
Y16	09	2	24	48	1500	34	1350				
R8	SA1	2	12	24	1800	60	500	300			

STRUCTURE: BEAMS (BEAM 2)											E/Rmm
TYPE & DIA	MARK	UNITS	NO/ UNIT	TOTAL	LENGTH	CODE	DIMENSIONS				
							Amm	Bmm	Cmm	Dmm	
Y12	05	1	2	2	4000	35	3700				
Y16	06	1	2	2	4000	35	3700				
R8	SA2	1	10	10	1500	60	500	150			

STRUCTURE: BEAMS (BEAM 5)											E/Rmm
TYPE & DIA	MARK	UNITS	NO/ UNIT	TOTAL	LENGTH	CODE	DIMENSIONS				
							Amm	Bmm	Cmm	Dmm	
Y12	07	1	2	2	5000	35	3700				
Y16	08	1	2	2	5000	35	3700				
R8	SA2	1	12	12	1500	60	500	150			

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SCHEDULE OF FINISHES , THE PROJECT SPECIFICATION , THE STANDARDIZED SPECIFICATIONS AND THE STANDARD AND PARTICULAR SPECIFICATIONS WHERE APPLICABLE
2. ALL CONCRETE USED SHALL BE GRADE 30MPa/19mm
3. ALL DPS TO BE 250 MICRONS
4. MESH SHEETS MUST LAP BY 300mm
5. CONSTRUCTION JOINTS WILL BE CUT AS SOWN BY THE ENGINEER

FOR TENDER PURPOSES

No	Description	Date	By

Recommended by _____ Date _____

Approved by _____ Date _____

Drawn by FS Designed by FS

Checked by FS Engineer by FS

Client App. _____ Date _____

SCALE: AS SHOWN

Client
JOE GOABI DISTRICT MUNICIPALITY

JGDM 2013/14 - 018

Project
STERKSPRUIT RBIG BULK SEWERAGE PROJECT
MOGHESI TOWNSHIP PHASE 1
PUMP STATIONS FLOOR AND FOUNDATION DETAILS



13-DIB 038 - 2023

Drawing No _____ Rev No _____