

MEMBER	NO OF	NO BARS	STA	CUT LENGTH	TOTAL	BAR MARK	SC	A	B	C	D	E/R	kg
FOUNDATION	4	52	Y12	2600	208	01	35	2400					480
	4	4	Y8	1600	16	02	54	350	1170	{120}			10
	4	8	Y8	1950	32	03	60	400	300				20
	6			10	12	16	20	25	32		40	TOTAL	
R													
Y		30			480								510
TOTAL		30			480								510


MEMBER	NO OF	NO BARS	STA	CUT LENGTH	TOTAL	BAR MARK	SC	A	B	C	D	E/R	kg
SUMP	1	18	Y12	2000	18	01	35	1800					32
	1	18	Y12	2000	18	02	35	1800					32
	1	26	Y12	4400	26	03	60	2000	150				102
	1	22	Y12	950	22	04	52	340	150	400	{120}		19
	1	26	Y12	350	26	05	35	150					8
1	140	Y12	3150	140	06	60	1400		120			392	
1	8	Y16	900	8	07	20	900					11	
	6			10	12	16	20	25	32		40	TOTAL	
R													
Y					584	11							595
TOTAL					584	11							595

MEMBER	NO OF	NO BARS	STA	CUT LENGTH	TOTAL	BAR MARK	SC	A	B	C	D	E/R	kg
R													
Y		30			3706	11							3747
TOTAL		30			3706	11							3747

1. COVER TO REINFORCEMENT=50mm
2. REINFORCEMENT SHALL BE IN ACCORDANCE WITH SANS 920:2011.
3. REINFORCEMENT SHALL BE FABRICATED IN ACCORDANCE WITH SANS282:2011.
4. ALL STEEL REINFORCEMENT SHALL BE HOT ROLLED HIGH TENSILE DEFORMED BARS, MINIMUM YIELD STRENGTH OF 450MPa.
5. MINIMUM LAPPING OF REINFORCEMENT : 50 x BAR DIAMETER.

B1-FIRST LAYER OF BOTTOM LAYERS
B2-SECOND LAYER OF BOTTOM LAYER
T1-FIRST LAYER OF TOP LAYERS
T2-SECOND LAYER OF TOP LAYERS
F1-FIRST LAYER OF OUTSIDE FACE
F2-FIRST LAYER OF INSIDE FACE
F3-SECOND LAYER OF OUTSIDE FACE
F4-SECOND LAYER OF INSIDE FACE

WATER POWER STATION REINFORCEMENT DRAWING SEWERAGE FACILITY REINFORCEMENT, LAYOUTS, SECTIONS AND DETAILS

AUTHORIZED FOR DESIGN BY: Z. NKOSI Pr Eng No. 20004647 COORDINATION BY: N. LUTHALI APPROVED BY: Q. CAI Pr Eng No. 960388 CHECKED BY: S. GOVENDER #670020 DESIGNED BY: WJLKNLNG SCALE AS SHOWN		CLASSIFICATION RIBS PATH  Eskom ESCOM HOLDINGS SOC LTD REG NO. 200952730		KRIEL POWER STATION REINFORCEMENT DRAWING SEWERAGE FACILITY RENOVATION, LAYOUTS, SECTIONS AND DETAILS ESCOM DRAWING NO. 28,45/60 941		SHEET 1	REV 0
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