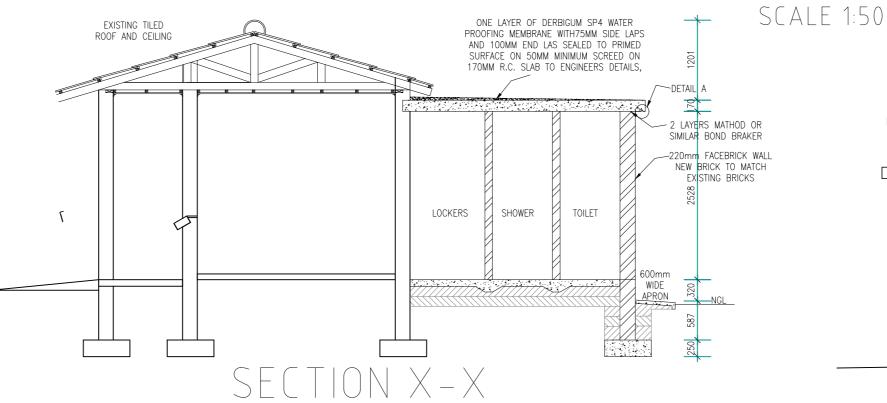


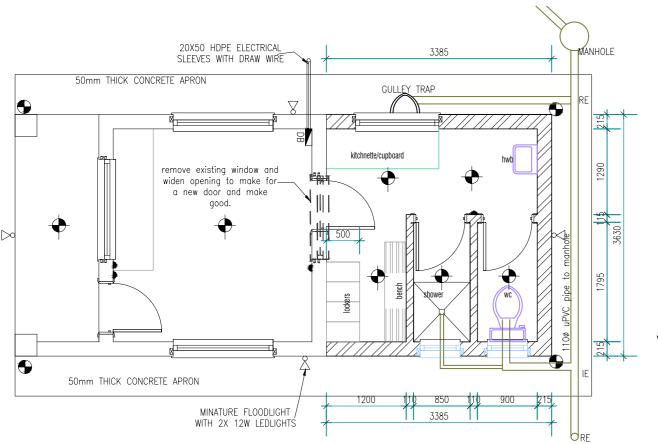
ROOFLAYOUT SCALE 1:50



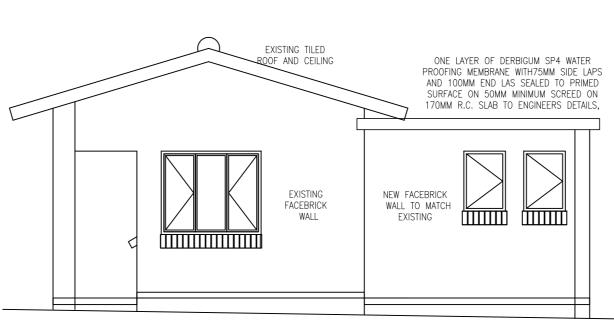
SCALE 1:50

ONE LAYER OF DERBIGUM SP4 WATER PROOFING MEMBRANE WITH75MM SIDE LAPS AND 100MM END LAS SEALED TO PRIMED SURFACE ON 50MM MINIMUM SCREED ON 170MM R.C. SLAB TO ENGINEERS DETAILS, NEW FACEBRICK WALL TO MATCH FACEBRICK BRICK ON _ BRICK ON

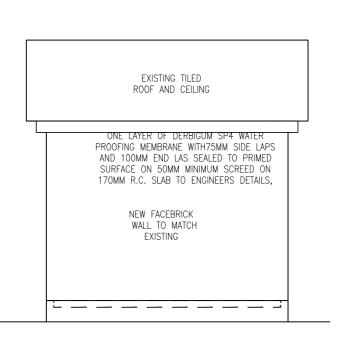
EASTERN VIEW SCALE 1:50



FLOOR PLAN SCALE 1:50

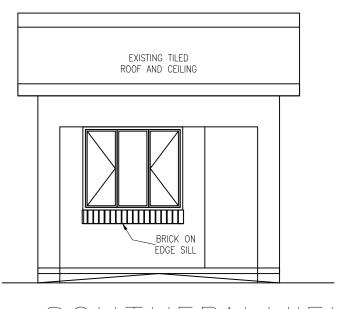


WESTERN VIEW SCALE 1:50

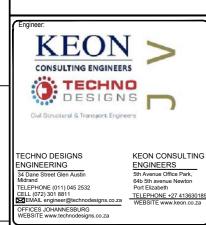


DETAIL A

SOUTHERN VIEW SCALE 1:50

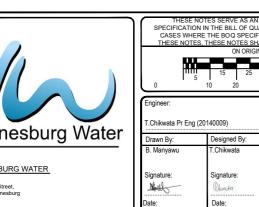


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SPECIFICATION CASES WHER	E THE BOQ SPECIFICA	TITIES (BOQ). IN THOSE	1.0 1.1 1.2	THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTS' DRAWINGS. ALL DIMENSIONS AND HEIGHTS ARE TO BE CHECKED ON SIT BEFORE WORK IS PUT IN HAND. REPORT DISCREPANCIES TO ARCHITECT OR ENGINEER.	- 2.3 LY 2.4	THICK LA CAST UN FOOTING B ANY OVI 19mm BACKFIL APPROV WITH TH
ngineer: Chikwata Pr Eng (2	0140009)			FOR SETTING OUT DATA, SETTING OUT POINTS AND DATUM LEVELS REFER TO SURVEY INFORMATION AND ARCHITECT'S DRAWINGS. STRUCTURAL WORK IS TO BE CARRIED OUT IN ACCORDANC	3.0 E 3.1	CONCRE STRIP FO CONCRE
rawn By: . Manyawu ignature:	Designed By: T.Chikwata Signature:	Checked By: T.Chikwata Signature:	1.8	WITH THE PROJECT SPECIFICATION AND THE RELEVANT S.A. SPECIFICATIONS. ALL CONCRETE WORK IS TO BE DONE IN ACCORDANCE WITH S.A.N.S 1200G AND EARTHWORKS IN ACCORDANCE WITH S.A.N.S 1200D. CONSULT RELEVANT ARCHITECTS, MECHANICAL, ELECTRIC PLUMBING DRAWINGS AND DETAILS AS RELEVANT FOR DRAINAGE, STORMWATER OUTLETS, RWDPS AND HOLES AN SLEEVES FOR THESS SERVICES. NO HOLES ARE TO BE COR	AL & 3.2	BASES: STRIP FO SURFAC SUSPEN COLUMN CONCRE GIVEN T MIX DES
ate: oril 2023	Date: April 2023	Date: April 2023	2.0 2.1	WITHOUT ENGINEERS WRITTEN APPROVAL. FOUNDATIONS ALL FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED IN WRITING BY THE ENGINEER BEFORE CONCRE	TE IS	CHARAC B ALL CON JRFACES JSTING.
	4	5		6		7

RETE NOTES: TTING OUT AND GENERAL: IS DRAWING SHOULD BE READ IN CONJUNCTION WITH CHITECTS' DRAWINGS. LDIMENSIONS AND HEIGHTS ARE TO BE CHECKED ON SITE FORE WORK IS PUT IN HAND. PORT DISCREPANCIES TO ARCHITECT OR ENGINEER. IS DRAWING MUST NOT BE USED TO SCALE OFF. USE ONLY	THICK LAYER OF 10MPa / 19mm BLINDING CONCRETE IS CAST UNDER ALL REINFORCED BASES, REINFORCED S FOOTINGS AND GROUND BEAMS. 2.3 ANY OVER EXCAVATIONS ARE TO BE MADE GOOD WITH 19mm CONCRETE AT THE CONTRACTOR'S EXPEN. 2.4 BACKFILLING OVER COLUMN BASES SHALL BE DONE W	NO FOUNDATIONS ARE TO BE CAST IN FILL MATERIAL. A 50mm THICK LAYER OF 10MPA J 10mm BILINDING CONCRETE IS TO BE CAST UNDER ALL REINFORCED BASES, REINFORCED STRIP FOOTINGS AND GROUND BEAMS. ANY OVER EXCAVATIONS ARE TO BE MADE GOOD WITH 10MPa /
RITTEN DIMENSIONS. CONTACT THE ENGINEER OR ARCHITECT IERE CLARITY IS SOUGHT. R SETTING OUT DATA, SETTING OUT POINTS AND DATUM VELS REFER TO SURVEY INFORMATION AND ARCHITECT'S AWINGS. RUCTURAL WORK IS TO BE CARRIED OUT IN ACCORDANCE	2.5 3.0 3.1	WITH THE PROJECT SPECIFICATIONS. ALLOWABLE BEARING PRESSURE UNDER: CONCRETE BASES = 150kPa. STRIP FOOTINGS = 100kPa. CONCRETE CONCRETE CHARACTERISTIC 28 DAY STRENGTH:
TH THE PROJECT SPECIFICATION AND THE RELEVANT S.A.N.S		BASES: 25MPa / 19mm

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3.4	ALL CONCRETE TO BE CONSTRUCTED TO THE S.A.N.S 1200G	
	PERMISSIBLE DEVIATION DEGREE OF ACCURACY CLASS II	4
	UNLESS SPECIFIED OTHERWISE.	
3.5	CONCRETE CUBE TEST RESULTS TO BE SUBMITTED TIMEOUSLY	
	TO ENGINEER FOR PERUSAL, RECORDS, COMMENT AND	5
	APPROVAL.	5
4.0	REINFORCEMENT	
4.1	CHARACTERISTIC STRENGTH:	
	MILD STEEL: 250N/mm2	
	HIGH YIELD STEEL: 450N/mm2	
4.2	ALL REINFORCEMENT TO BE CHECKED AND APPROVED BY	
	ENGINEER BEFORE ANY CONCRETE IS CAST. 48 HOURS	5
	WRITTEN NOTICE TO BE GIVEN TO ENGINEER BEFORE TIME OF	J

		ENGINEER BEFORE ANY CONCRE	TE IS CAST. 48 HOURS	5
		WRITTEN NOTICE TO BE GIVEN TO	D ENGINEER BEFORE TIME OF	•
		INSPECTION.		
	4.3	LAP LENGTH TO REINFORCING TO	DE MINIMUM 50 x SMALLER	
		BAR DIAMETER, UNLESS OTHERV	/ISE NOTED.	
	4.4	MESH REINFORCEMENT REFEREI	NCE 245 TO BE PLACED IN SLAB	
		(TOP) MINIMUM LAPS = 300mm UN	LESS OTHERWISE NOTED.	
	4.5	THE CONTRACTOR MUST TAKE P.	ARTICULAR CARE TO ENSURE	
		THAT THE SPECIFIED COVER TO	ALL REINFORCEMENT HAS BEEN	5
Ε		ATTAINED THROUGHOUT BEFORE	THE ENGINEER IS CALLED TO	•
		SITE FOR INSPECTION OF THE RE	INFORCEMENT.	
	4.6	COVER TO REINFORCEMENT:		
		STRIP FOOTINGS:	50mm	
	BASE	S:	50mm	5
		COLUMNS AND WALLS:	30mm	•
		SUSPENDED SLABS:	30mm	

SUSPENDED BEAMS: 30mm
4.7 CONTRACTOR IS TO CONDUCT HIS OWN INSPECTION OF REINFORCEMENT BEFORE CALLING THE ENGINEER FOR INSPECTION.
5.0 FORMWORK AND PROPPING
5.1 STRIPPING TIMES FOR:
COLUMN AND WALL SHUTTERING: 1.5 DAYS.
BEAM SHUTTERING: 7 DAYS IN HOT WEATHER,
12 DAYS IN COLD WEATHER

		12 DAYS IN COLD WEATHER.
	FLAT SLABS:	4 DAYS IN HOT WEATHER,
		7 DAYS IN COLD WEATHER.
5.2	PROPPING TIMES FOR:	
	SLABS AND BEAMS:	14 DAYS IN HOT WEATHER
		21 DAYS IN COLD WEATHER
	CANTILEVER SLABS AND BEAMS:	21 DAYS
	(SUBJECT TO CUBE TEST RESULT	'S BEING SUBMITTED
	TIMEOUSLY TO ENGINEER FOR AF	PPROVAL).
	NO DE-PROPPING OF SUSPENDED	ELEMENTS UNTIL INSTRUCTED
	BY ENGINEER.	
5.3	CONCRETE FINISHES: UNLESS NO	TED OTHERWISE
	COLUMNS AND WALLS: OFF	SHUTTER
	BEAMS AND SLAB SOFFIT: OFF	
	TOP OF SUSPENDED SLABS: STEE	
	SURFACE BEDS: POW	
5.4	SIDES OF GROUND BEAMS TO BE	SHUTTERED.

