BENDING SCHEDULE (SLAB)

(AMENDED 1978) - BASED ON SABS 82-1975

MEMBER (ROOF SLAB)	BAR MARK	TYPE & SIZE	No OF MEMBERS	No OF BARS IN EACH	TOTAL No OF BARS	LENGTH OF EACH BAR	SHAPE CODE	A mm	B mm	C mm	D mm	E/r mm	MASS kg
	01	Y10	1	35	35	4950	35	4350	300	300			
	02	Y10	1	18	18	3750	34	3450	300				
	03	Y10	1	17	17	3800	34	3500	300				
	04	Y10	1	20	20	2200	20	2200					

BENDING SCHEDULE-STRONG ROOM

SIZE	UNIT WEIGHT (Kg/m)	LENGTH (m)	T.WEIGHT (Kg)
Y8	0.40		
Y12	0.89	1861.2	1,656.47
		T.WEIGHT (Kg)	1,656.47

NO	SIZE	QUA	LENGTH (mm)	TOTAL(m)	FORM
01	12	250	3000	750	60 L 2900
02	12	250	600	150	60 L 500
03	12	36	2250	81	170 L 1900 170
04	12	36	2750	99	170 L 2390 170
05	12	36	3800	136.8	170 L 3470 170
06	12	36	3850	136.8	170 L 3520 170
07	12	108	4700	507.6	170 L 4330 170

FOR TENDER PURPOSES

NOTES

A. FOUNDATION

1. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS

2. ROUGHEN THE EXISTING SLAB TO A DEPTH OF 100MM

3. USE 30MPA CONCRETE.

4. PROVIDE 30MM REINFORCEMENT COVER.

B.OTHER

1. IF IN DOUBT CONTACT THE ENGINEER FOR CLARIFICATION.

2. ALL STRUCTURAL DRAWINGS TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS.

CONSULTANT'S DETAILS

HI END GROUP
AN INFRASTRUCTURE CONSORTIUM COMPANY

OFFICE 7, BLOCK 5
TYJGER VALLEY OFFICE PARK
76 PONY STR.
SILVERLAKES,
PRETORIA, 0082
TELL NO: 087 012 5632

REVISIONS

REV	DATE	DESCRIPTION OF CHANGES	BY

CLIENT'S DETAILS

prasa
PASSENGER RAIL AGENCY OF SOUTH AFRICA

UMJANTSHI HOUSE
30 WOLMARANS ST
JOHANNESBURG
2000
SOUTH AFRICA
TEL NO: 011 773 1700

		SIGNATURE
DESIGNED BY:	M.ZHOU	
DRAWN BY:	M.ZHOU	
CHECKED BY:	L.HLUNGWANI	
APPROVED BY:	C.MAKHELE	

PROJECT DESCRIPTION:
NEOTEL SAPS NEW OFFICE BUILDING

PROJECT LOCATION:
JOHANNESBURG PARK STATION

DRAWING TITLE:
BENDING SCHEDULE FOR THE STRONG ROOM

CONTRACT NO.:	HO/CRES/PARK/023/10/23
DATE:	MAY 2024
DRAWING UNITS:	MM
DRAWING SCALE:	AS SHOWN
DRAWING NO:	HEG-PRASA-SE-BS01
REVISION NO:	0