

GENERAL

- * THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL MATERIALS AND WORKMANSHIP CONFORM WITH THE DETAILS AND SPECIFICATIONS SHOWN ON THIS DRAWING, AND ALL RELEVANT SABS SPECIFICATIONS, IRRESPECTIVE OF WHETHER THE ENGINEER HAS INSPECTED THE WORKS ON SITE OR NOT.
- * ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE AND CORRELATED WITH THE ENGINEER'S DRAWINGS BEFORE CONSTRUCTION COMMENCES.
- * NO SCALING WITH SCALE RULER FROM THE DRAWING IS PERMITTED. THE CONTRACTOR MUST ENSURE THAT HE GETS THE CORRECT DIMENSIONS FROM THE ENGINEER BEFORE CONSTRUCTION COMMENCES.

DRAWING NOT PRINTED TO SCALE
REDUCED FROM A1 TO A3.

ISSUE DATE: 08 Aug 2023	DRAWING SIZE: A1	REVISION: 0
PRELIMINARY INFO ONLY		
X FOR TENDER FOR CONSTRUCTION AS-BUILT		

CLIENT PLAN NUMBER

LAYERS USED

PEN 2

REFERENCE DRAWINGS

NUMBER	REVISION	DRAWING DESCRIPTION
PEN 3	PEN 3	PEN 3

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT	REG. NO.	DATE

AMENDMENTS CODE

A,B,C...J : BEFORE TENDER	/A : BY CLIENT
0 : TENDER DRAWING	/B : BY ARCHITECT
1,2,3...J : AFTER TENDER	/C : BY MECHANICAL OR ELECTRICAL
Z : AS BUILT	/D : BY BWI
	/E : BY OTHER ()

DATE	INITIAL	No./CODE	REVISION DESCRIPTION
2020/09/01	MHS	1	CHANNEL WALL LOWERED AROUND CLARIFIER

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OFFICES

PROVINCE	OFFICE	E-MAIL
Gauteng	Pretoria (012) 348-0099	ptia@bvi.co.za
Free State	Ekurhuleni (051) 447-2137	bfh@bvi.co.za
	Welkom (057) 353-2499	wa@bvi.co.za
Northern Cape	Upington (054) 337-6600	upt@bvi.co.za
	Polokwane (027) 715-8999	spk@bvi.co.za
KwaZulu Natal	Durban (031) 266-0362	dnr@bvi.co.za
	Empangeni (035) 788-0230	emp@bvi.co.za
Eastern Cape	Port Elizabeth (041) 373-4343	peke@bvi.co.za
Western Cape	Cape Town (021) 527-7000	cpt@bvi.co.za



ENGINEERING
PROCUREMENT
MANAGEMENT



BBBEE Level 1

Upington Office
Registration no. 19850020407



CLIENT



NAMA KHOI MUNICIPALITY

PROJECT

REFURBISHMENT OF
NABABEEP WWTP

DRAWING TITLE

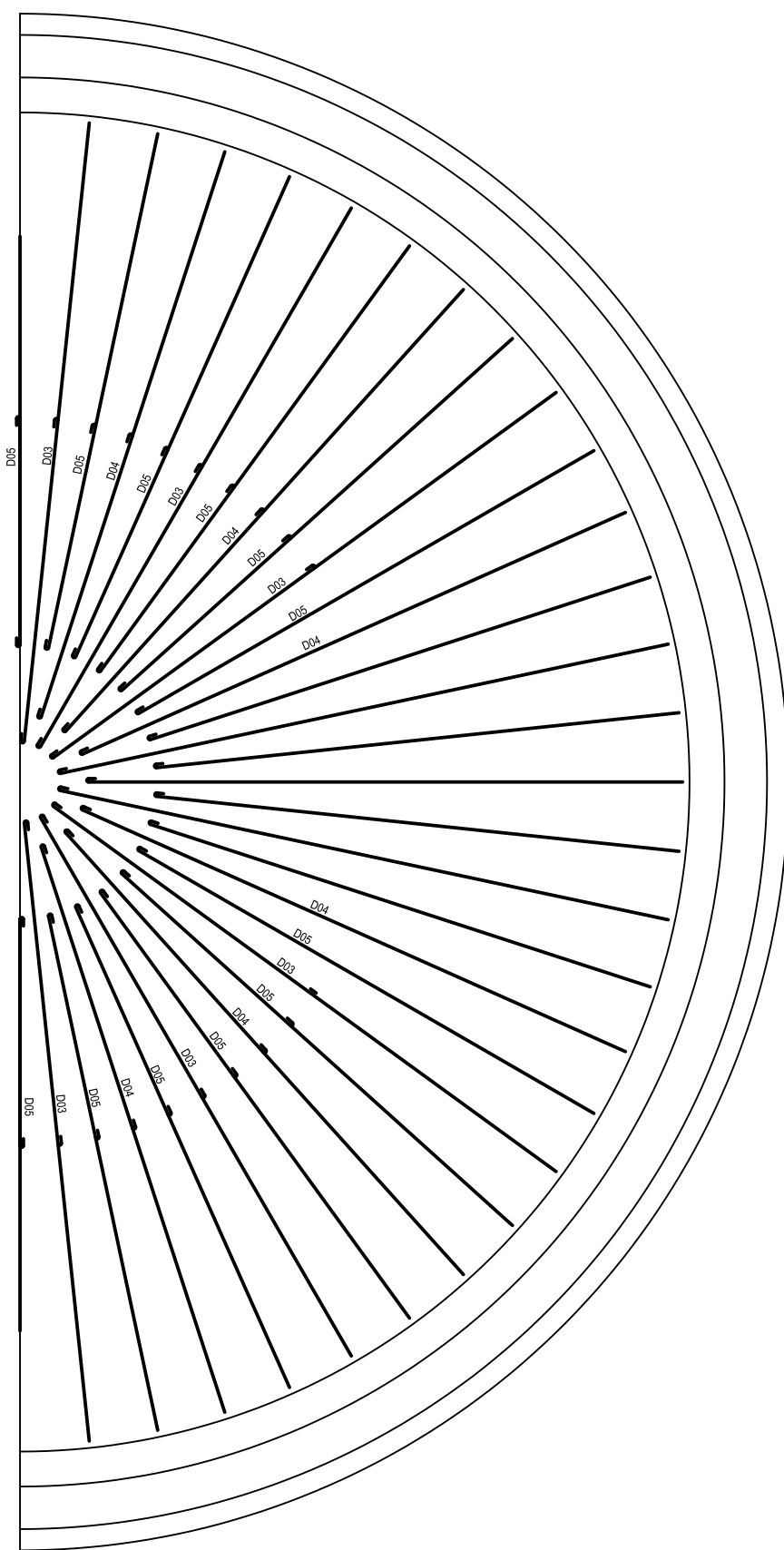
CLARIFIERFLOCCULATION TANK
STEEL REINFORCING
AND BENDING SCHEDULES

APPROVED BY BVI

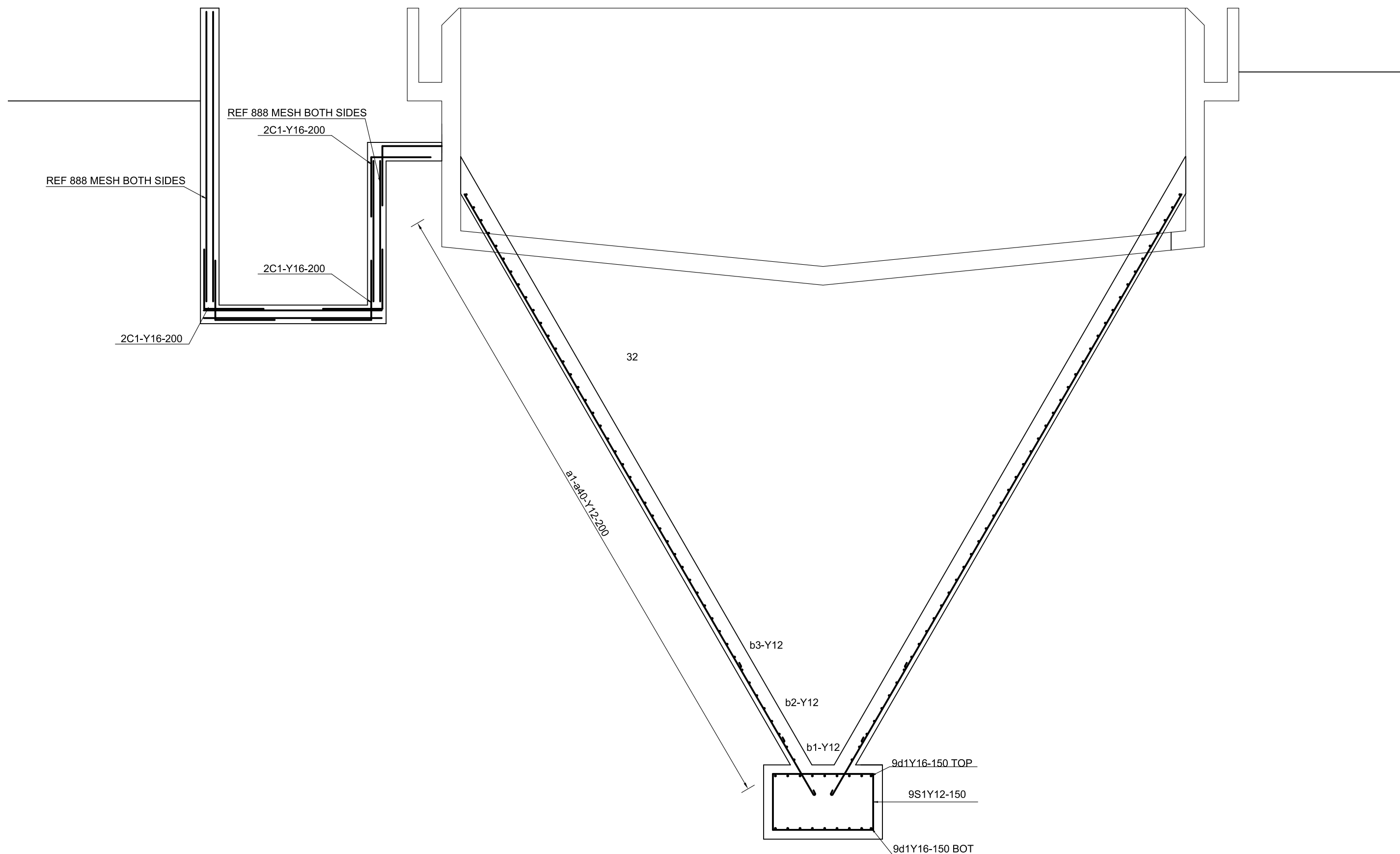
ENGINEER/TECHNOLOGIST		REG. NO.	DATE
SCALE	AS SHOWN	DRAWN	S.BOSHOF
DESIGNED	G. MEIRING	CHECKED	M. DU PLESSIS
PLAN NUMBER		REVISION NO.	DATE SAVED
35008-204-01		0	08 Aug 2023

LAYERS USED

hummus tank ultirawings.dwg



HALF PLAN
CONICAL SECTION



MEMBER	No OF	BARS PER MEMB	DIA.	LENGTH	TOTAL NUM-BER	MARK	S C	B E N D I N G				
								A	B	C	D	E/r
CALRIFIER	1	16	Y12	9350	16	b1	20	(9350)				
	1	14	Y12	8550	14	b2	20	(8550)				
	1	30	Y12	7350	30	b3	20	(7350)				
	4	1	Y12	8800	4	a1	65	8800				4800
	4	1	Y12	8600	4	a2	65	8600				4700
	4	1	Y12	8400	4	a3	65	8400				4600
	4	1	Y12	8200	4	a4	65	8200				4500
	4	1	Y12	8000	4	a5	65	8000				4400
	4	1	Y12	7800	4	a6	65	7800				4300
	4	1	Y12	7600	4	a7	65	7600				4200
	4	1	Y12	7400	4	a8	65	7400				4100
	4	1	Y12	7200	4	a9	65	7200				3900
	4	1	Y12	7000	4	a10	65	7000				3800
	4	1	Y12	6800	4	a11	65	6800				3690
	4	1	Y12	6600	4	a11	65	6600				3580
	4	1	Y12	6450	4	a12	65	6450				3470
	4	1	Y12	6300	4	a13	65	6300				3360
	4	1	Y12	6100	4	a14	65	6100				3250
	4	1	Y12	5900	4	a15	65	5900				3140
	4	1	Y12	5800	4	a16	65	5800				3030
	4	1	Y12	5600	4	a17	65	5600				2930
	4	1	Y12	5400	4	a18	65	5400				2820
	4	1	Y12	5200	4	a19	65	5200				2710
	4	1	Y12	5000	4	a20	65	5000				2600
	4	1	Y12	4900	4	a21	65	4900				2490
	4	1	Y12	4700	4	a22	65	4700				2380
	4	1	Y12	4500	4	a22	65	4500				2270
	4	1	Y12	4400	4	a23	65	4400				2160
	4	1	Y12	4200	4	a24	65	4200				2050
	4	1	Y12	4000	4	a25	65	4000				1940
	4	1	Y12	3800	4	a26	65	3800				1830
	4	1	Y12	3700	4	a27	65	3700				1720
	4	1	Y12	3500	4	a28	65	3500				1610
	2	1	Y12	5700	2	a29	65	5700				1510
	2	1	Y12	5400	2	a30	65	5400				1400
	2	1	Y12	5000	2	a31	65	5000				1290
	2	1	Y12	4700	2	a32	65	4700				1180
	2	1	Y12	4400	2	a33	65	4400				1070
	2	1	Y12	4000	2	a34	65	4000				960
	2	1	Y12	3600	2	a35	65	3600				850
	2	1	Y12	3300	2	a36	65	3300				740
	2	1	Y12	3000	2	a37	65	3000				630
	1	1	Y12	4000	1	a38	65	4000				520
	1	1	Y12	3500	1	a39	65	3500				410
	1	1	Y12	2900	1	a40	65	2900				300
	1	112	Y12	1600	112	C1	37	800	(800)			
	1	9	Y12	4700	9	S1	60	1450	850			
	1	18	Y16	2800	18	d1	38	700	1450	(700)		

	8	10	12	16	20	25	32	40	TOT
R									
Y			1356	80					1436
TOT			1356	80					1436