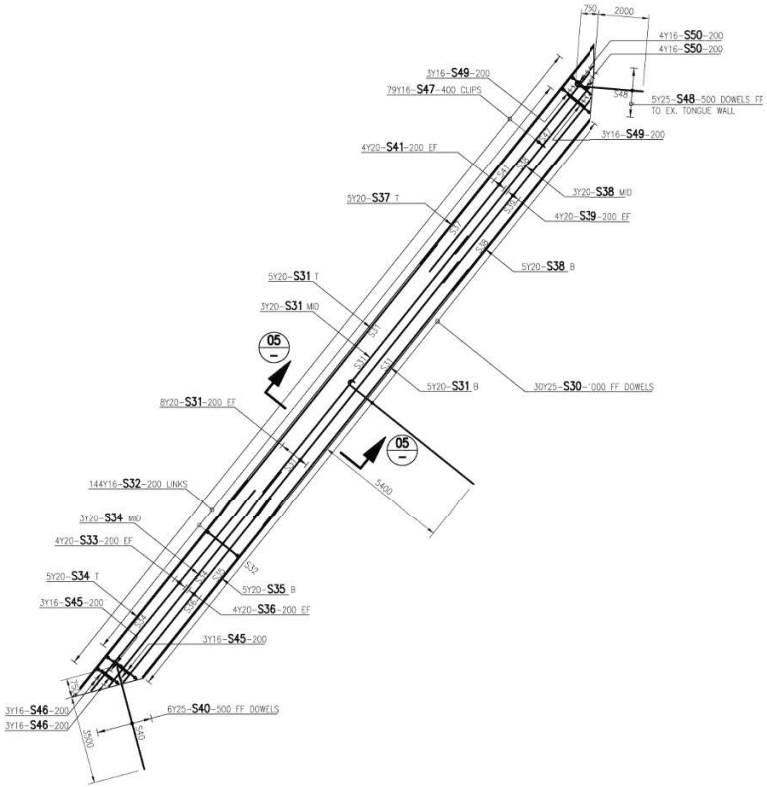
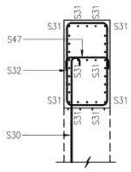


ELEVATION ON TRAINING WALL (RIGHT BANK)

SCALE 1:100



SECTION 05–05

SCALE 1:50

Members	No. of Members	No. of Bars	Type & Size	Bar Mark	Total Bars	Cutting Length	Shape Code	A	B	C	D	E/R	kg
RIGHT BANK	1	30	Y25	S30	30	6700	32	6400					775
	1	29	Y20	S31	29	13000	20	[13000]					930
	1	144	Y16	S32	144	5050	60	820	1640				1148
	1	8	Y20	S33	8	10300	20	[10300]					203
	1	8	Y20	S34	8	10950	20	[10940]					216
	1	5	Y20	S35	5	8750	20	[8730]					108
	1	8	Y20	S36	8	9350	20	[9360]					184
	1	5	Y20	S37	5	11100	20	[11070]					137
	1	8	Y20	S38	8	8750	20	[8730]					173
	1	8	Y20	S39	8	9450	20	[9430]					186
	1	6	Y25	S40	6	4550	32	4250					105
	1	8	Y20	S41	8	10450	20	[10450]					206
	1	6	Y16	S45	6	2750	038	1140	560	[1140]			26
	1	6	Y16	S46	6	2000	038	820	440	[820]			19
	1	79	Y16	S47	79	1050	35	820					131
	1	5	Y25	S48	5	3050	32	2740					59
	1	6	Y16	S49	6	2550	038	1150	320	[1150]			24
	1	8	Y16	S50	8	2350	038	800	820	[800]			30

	6	8	10	12	16	20	25	32	40	TOTAL
R										
Y					1377	2343	938			4659
TOTAL					1377	2343	938			4659

NOTES:

1. COVER TO ALL REINFORCEMENT IS 50 mm UNLESS OTHERWISE INDICATED.
2. LAP LENGTHS = 40 x ø
3. ANCHORAGE LENGTHS = 50 x ø
4. CONCRETE GRADE 25/19

SHEET	DESCRIPTION	OTHER No.	REG. No.
2/3	TRAINING WALL CONC.– LEFT BANK & BS	9368–1552	X
1/3	TRAINING WALL CONC. – LOCATION PLAN	9368–1551	X
1/1	LIST OF DRAWINGS	9368–015	X

LIST OF DRAWINGS

SECTION

07/3 — SECTION NUMBER / SHEET NUMBER

SCALE 1:50 — 0 0.5 1 1.5 2 2.5 5 10 m

SCALE 1:100 — 0 1 2 3 4 5 10 20 m

PREPARED BY: ARQ CONSULTING ENGINEERS

REVISION				
MOD No.	DATE	DESCRIPTION	FOR	DWG
00	12/22	ISSUE FOR TENDER	QS	

DEPARTMENT OF WATER AND SANITATION
REPUBLIC OF SOUTH AFRICA
HEAD OFFICE
ENGINEERING SERVICES
PRIVATE BAG X313
PRETORIA 0001
SEDIBENG BUILDING
185 FRANCIS BAARD STREET
PRETORIA
(012) 336–7500
D.M. MASHITISHO
DIRECTOR GENERAL

M BLAESER — CHECKED: — DATE:
DESIGN: HJ WRIGHT
DRAWN: TJVR
HJ WRIGHT — ENGINEER: — DATE:
EXT. APPROVAL / DESIGN CHECKED: — DATE:
Q SHAW — CHIEF ENGINEER / APP (Pr. Eng): — DATE:
DIRECTOR (Pr. Eng): — DATE:

GROOT LETABA RIVER WATER DEVELOPMENT PROJECT (GLeWaP)

TZANEEN DAM RAISING

SPILLWAY SIDEWALL REINFORCEMENT

SPILLWAY SIDEWALKS RIGHT BANK TRAINING WALL – REINFORCEMENT DETAILS

PROVINCE: LIMPOPO	DISTRICT: TZANEEN	KEYCODES:	–	–	–	–	–
OTHER NUMBER 9368–1353							
LOCALITY No.: –	TENDER/ CONTRACT No. –	SHEET 3 OF 3	REG. No. X	REV. 00			
CALCULATION FILE: –							