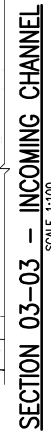



1. ABRUPT IRREGULARITIES ARE NOT PERMITTED. RESIDUAL IRREGULARITIES REMAINING AFTER REMOVAL OF FORMWORK OR SURFACE FINISHING SHALL BE REMOVED BY GRINDING TO AVOID A TRANSITION FROM 15 TO 25 mm (5/8 TO 1 IN) BETWEEN THE SURFACES ADJACENT TO THE IRREGULARITIES. SUCH ROUND SURFACES MAY REQUIRE SEALING OF THE SURFACE BY AN EPOXY OR OTHER MATERIAL ACCEPTABLE TO THE ENGINEER.
2. THE MAXIMUM ALLOWABLE GRADUAL IRREGULARITY IS 5 mm. THIS IS THE VALUE BY WHICH THE SURFACE TESTED MAY DEVIATE FROM A 3 m LONG STRAIGHT EDGE PLACED AT ANY POSITION ON THE SURFACE OR CORRECTLY SHAPED TEMPLATE OVER THE FULL CURVED SURFACE.

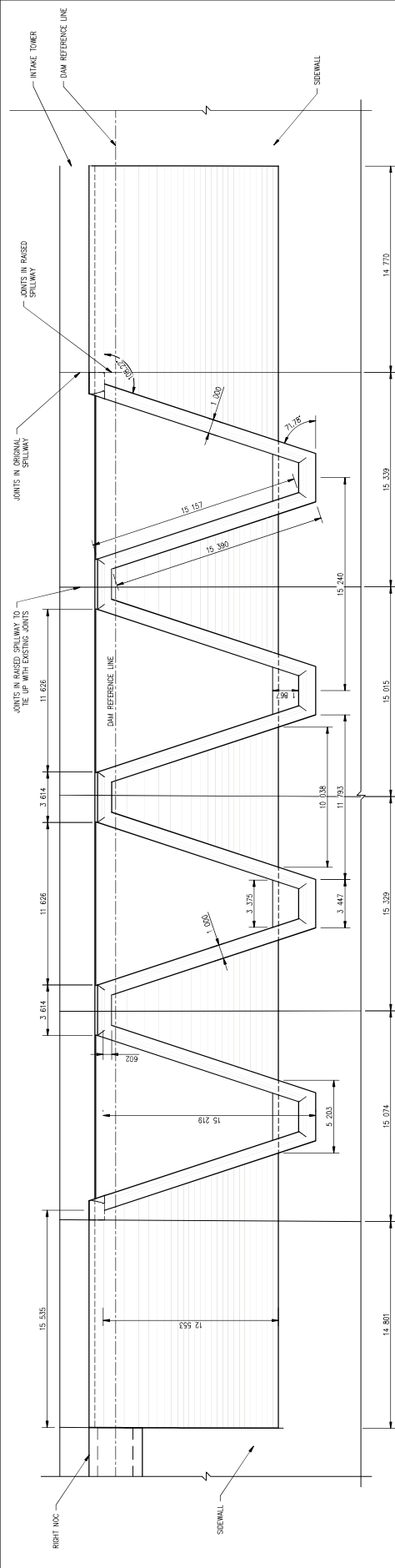


3/3	SETTING OUT	9368-310	X
2/3	SECTIONS AND DETAILS 2	9368-309	X
1/1	LIST OF DRAWINGS	9368-015	X
SHEET	DESCRIPTION	OTHER No.	REG. No.

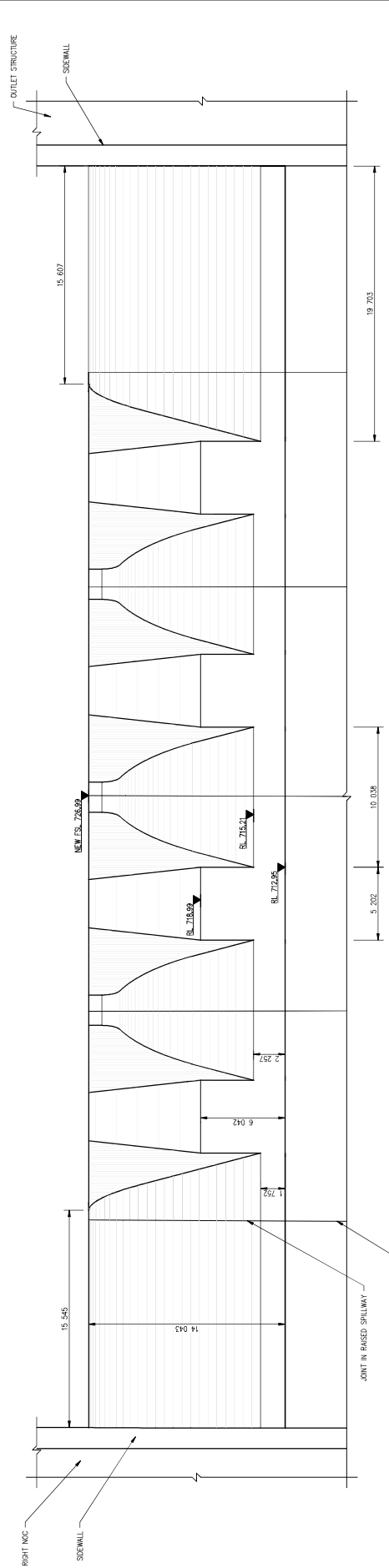
LIST OF DRAWINGS

GROOT LETABA RIVER WATER DEVELOPMENT PROJECT (gLeWaP)									
TZANEEN DAM RAISING									
SPILLWAY RAISING									
SECTIONS AND DETAILS 1									
PROVINCE:	LIMPOPO	DISTRICT:	TZANEEN	ADDRESSES:	—	—	—	—	—
LOCALITY:	Nal	TOWN:	TZANEEN	NO.	—	—	—	—	—
CALCULATION FILE:				SHEET		NO.		REV.	
				1 of 3				X	
								9368-308	
								00	

<p>DEPARTMENT OF WATER AND SANITATION REPUBLIC OF SOUTH AFRICA</p> <p></p> <p>HEAD OFFICES ENGINEERING DEPT PRIVATE BAG 3113 PRETORIA 0001</p>	<p>SECRETARY BUILDING 165 JORDAN STREET PRETORIA (012) 336-7500</p> <p>D.M. MASHININI DIRECTOR GENERAL</p>	<p>DESIGNER: LU WRIGHT</p> <p>DRAWN: NM</p>	<p>DATED:</p>	<p>DATE:</p>
<p>HEAD OFFICES ENGINEERING DEPT PRIVATE BAG 3113 PRETORIA 0001</p>	<p>DESIGNED: LU WRIGHT</p> <p>ENGINEER:</p> <p>Q SHAW</p>	<p>DATED: 12/11/2000</p> <p>DESIGN CHECKED:</p>	<p>DATE:</p>	<p>DATE:</p>
<p>CHIEF ENGINEER / APP. P. (60)</p>	<p>DATE:</p>	<p>DATE:</p>	<p>DATE:</p>	<p>DATE:</p>



SPILLWAY PLAN VIEW
SCALE 1:150



SPILLWAY DOWNSTREAM ELEVATION
SCALE 1:150

3/3 SETTING OUT	X
1/3 SECTIONS AND DETAILS 1	X
1/1 LIST OF DRAWINGS	X
SHEET	

LIST OF DRAWINGS	
DESCRIPTION	SHEET NO.

GROOT LETABA RIVER WATER DEVELOPMENT PROJECT (GleWap)

TZANEEN DAM RAISING
SPILLWAY RAISING

SECTIONS AND DETAILS 2

PROVINCE: LIMPOPO DISTRICT: TZANEEN
LOCALITY No.: - SHEET: 2 of 3
DRAWN: - CHECKED: -
DATE: - DATE: -
SCALE: 1:150

DEPARTMENT OF WATER AND SANITATION
REPUBLIC OF SOUTH AFRICA

185 PRINCE ROAD, STREET
PRETORIA 001
(012) 336-7500

D.M. MONTSIRO
DIRECTOR GENERAL
DATE: 2014/01/01
BY: M. BLUESER
CHECKED: H. MONTSIRO
DATE: 2014/01/01
BY: O. SHAW

REV.	DATE	REVISION	FOR	OWN
00	12/22	ISSUE FOR TENDER	OS	

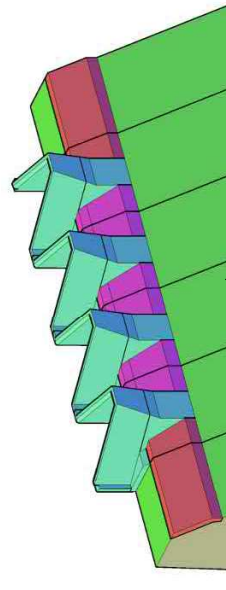
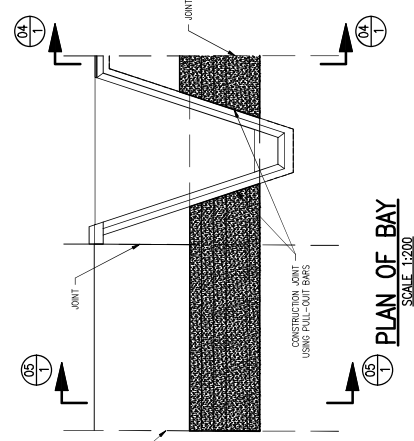
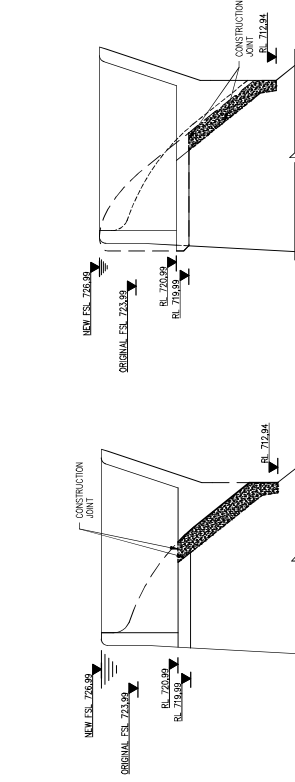
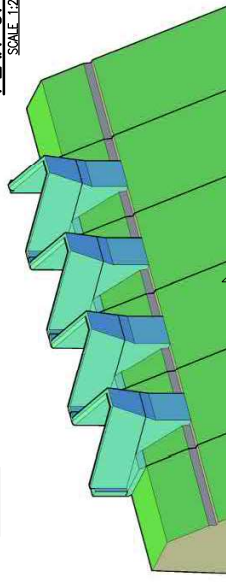
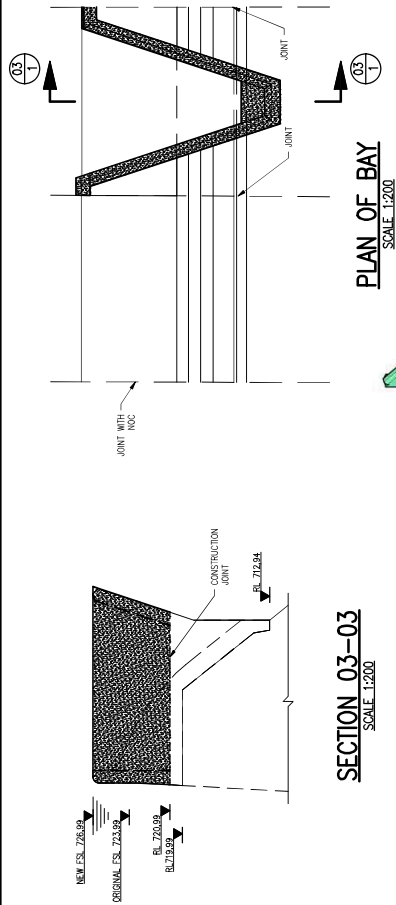
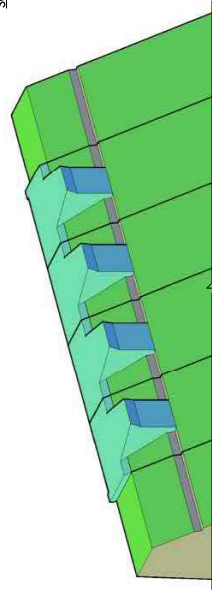
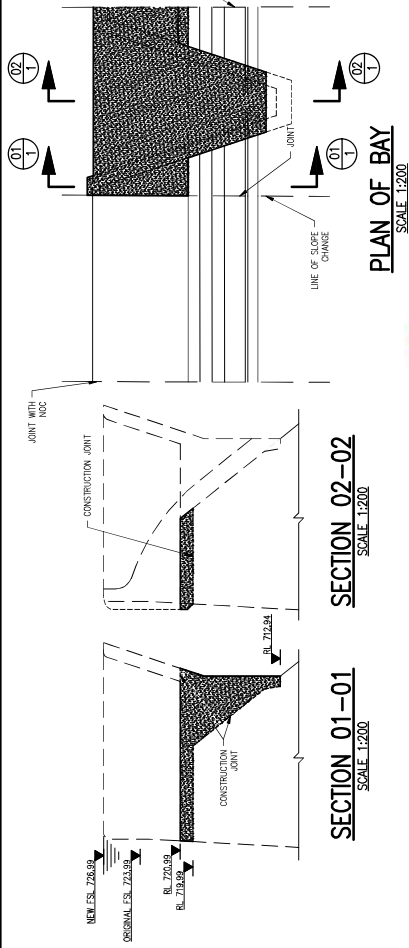
SECTION

SECTION NUMBER: 01
ASSET NUMBER: 01

FOR TENDER PURPOSES ONLY

SCALE 1:150

0 1 2 3 4 5 15 30 m

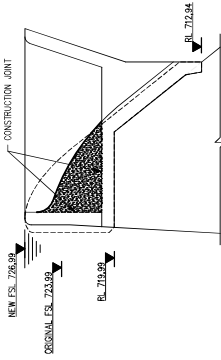


2/2	CONSTRUCTION PHASES 2	9368-312	X
1/1	LIST OF DRAWINGS	9368-015	X
SHEET	DESCRIPTION	OTHER No.	REG. No.

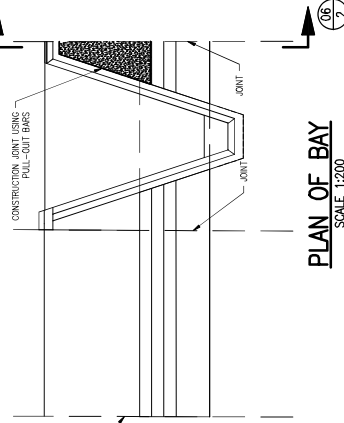
GROOT LETABA RIVER WATER DEVELOPMENT PROJECT (GLWaP)

TZANEEN DAM RAISING

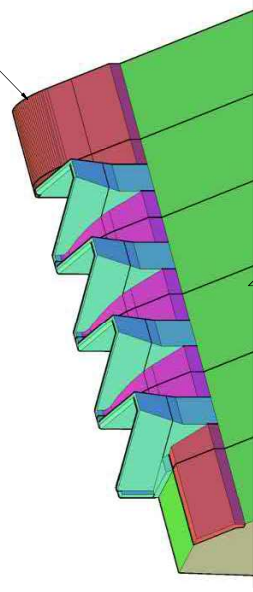
PROVINCE:	LIMPOPO	DISTRICT:	TZANEEN	RECORDS:	-	-	-	-	OTHER NUMBER	9368-311
LOCALITY No:	-	TRUCK/ CONTRACT No.	-	SHEET	-	-	-	-	REV.	00
CALCULATION FILE:	-			1 or 2					X	00



SECTION 06-06
SCALE: 1:200

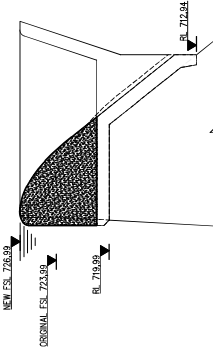


PLAN OF BAY
SCALE: 1:200

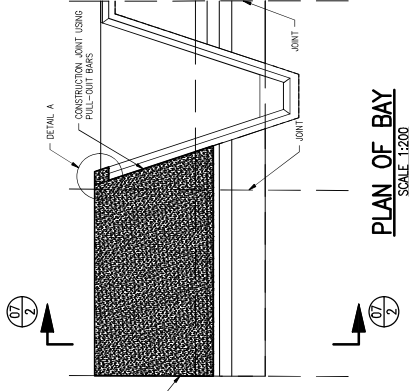


DOWNSTREAM 3D VIEW
SCALE: NTS

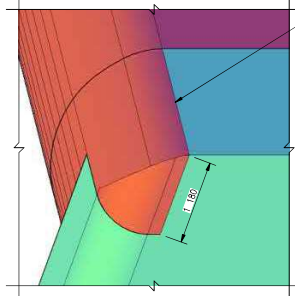
PHASE 4 - INFILL AND LEFT OGEE



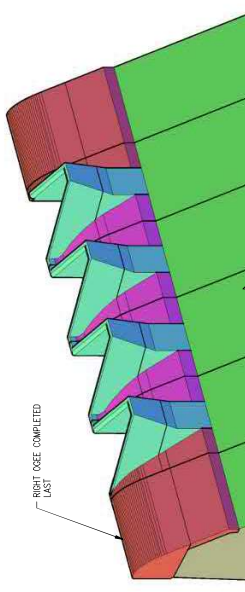
SECTION 07-07
SCALE: 1:200



PLAN OF BAY
SCALE: 1:200



UPSTREAM 3D VIEW
SCALE: NTS



PHASE 5 - RIGHT OGEE

FOR TENDER PURPOSES ONLY

SCALE 1:200 0 5 10 15 20 40 m

FOR TENDER PURPOSES ONLY SECTION NUMBER: 07-07 SHEET NUMBER: 3		PREPARED BY: ARQ CONSULTING ENGINEERS MAP No. DATE: 00 12/22 ISSUE FOR TENDER FOR DWG: 05		REVISION DESCRIPTION FOR DWG: 05		DEPARTMENT OF WATER AND SANITATION REPUBLIC OF SOUTH AFRICA HEAD OFFICE: 185 PRETORIA REGIONAL OFFICE: 185 PRETORIA PROJECT: 185 PRETORIA PROJECT NO: 185 PRETORIA PROJECT NAME: 185 PRETORIA PROJECT ADDRESS: 185 PRETORIA PROJECT PHONE: 185 PRETORIA PROJECT FAX: 185 PRETORIA PROJECT EMAIL: 185 PRETORIA PROJECT WEBSITE: 185 PRETORIA PROJECT CONTACT: 185 PRETORIA PROJECT MANAGER: 185 PRETORIA PROJECT ENGINEER: 185 PRETORIA PROJECT SURVEYOR: 185 PRETORIA PROJECT DESIGNER: 185 PRETORIA PROJECT CHECKER: 185 PRETORIA PROJECT APPROVER: 185 PRETORIA PROJECT DATE: 185 PRETORIA PROJECT SCALE: 185 PRETORIA PROJECT STATUS: 185 PRETORIA PROJECT COMMENTS: 185 PRETORIA		GROOT LETABA RIVER WATER DEVELOPMENT PROJECT (GleWap) TZANEEN DAM RAISING SPILLWAY RAISING RAISED SPILLWAY STRUCTURE - CONSTRUCTION PHASES 2		1/2 CONSTRUCTION PHASES 1 1/1 LIST OF PHASES SHEET: 3 OF 3		9368-311 9368-312 9368-313 9368-314 9368-315 9368-316 9368-317 9368-318 9368-319 9368-320 9368-321 9368-322 9368-323 9368-324 9368-325 9368-326 9368-327 9368-328 9368-329 9368-330 9368-331 9368-332 9368-333 9368-334 9368-335 9368-336 9368-337 9368-338 9368-339 9368-340 9368-341 9368-342 9368-343 9368-344 9368-345 9368-346 9368-347 9368-348 9368-349 9368-350 9368-351 9368-352 9368-353 9368-354 9368-355 9368-356 9368-357 9368-358 9368-359 9368-360 9368-361 9368-362 9368-363 9368-364 9368-365 9368-366 9368-367 9368-368 9368-369 9368-370 9368-371 9368-372 9368-373 9368-374 9368-375 9368-376 9368-377 9368-378 9368-379 9368-380 9368-381 9368-382 9368-383 9368-384 9368-385 9368-386 9368-387 9368-388 9368-389 9368-390 9368-391 9368-392 9368-393 9368-394 9368-395 9368-396 9368-397 9368-398 9368-399 9368-400	
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