



LEGEND	
Description	Symbol
WWTW Boundary	Red dashed line with circles
Block Pavers Road	Grey shaded area
Gravel Road	Light grey shaded area
Road Edge	Thin grey line
Road Center Line	Double grey line

CLIENT:



OR Tambo House
Nelson Mandela Dr
Myezo Park
Mthatha, 5100

CONSULTANT:



Unit 1 The Crescent Westway
Office Park Westville, 3629
Tel: +27 87 057 5956
Fax: +27 86 600 4428

PROJECT:

KSD PRESIDENTIAL
INTERVENTION NEW 12M/d
BIO-FILTER MODULE FOR
THE MTHATHA WWTW
(PHASE 2 UPGRADE)

TITLE:

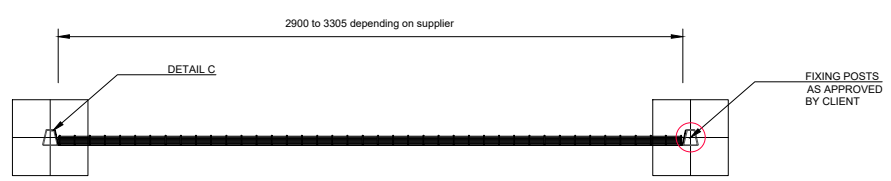
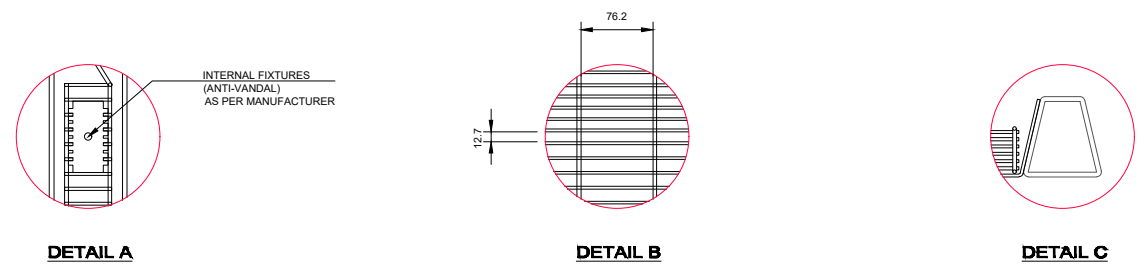
FENCE LAYOUT

ISSUED FOR INFORMATION	
DESIGNED	SIGNATURE DATE
PN	
DRAWN	NM
CHECKED BY	MM
APPROVED BY	PN
SCALE	AS SHOWN/PAPER SIZE A3
DRAWING NUMBER	
009	S SQ0001 A
CONTRACT NUMBER	

ISSUED FOR TENDERING

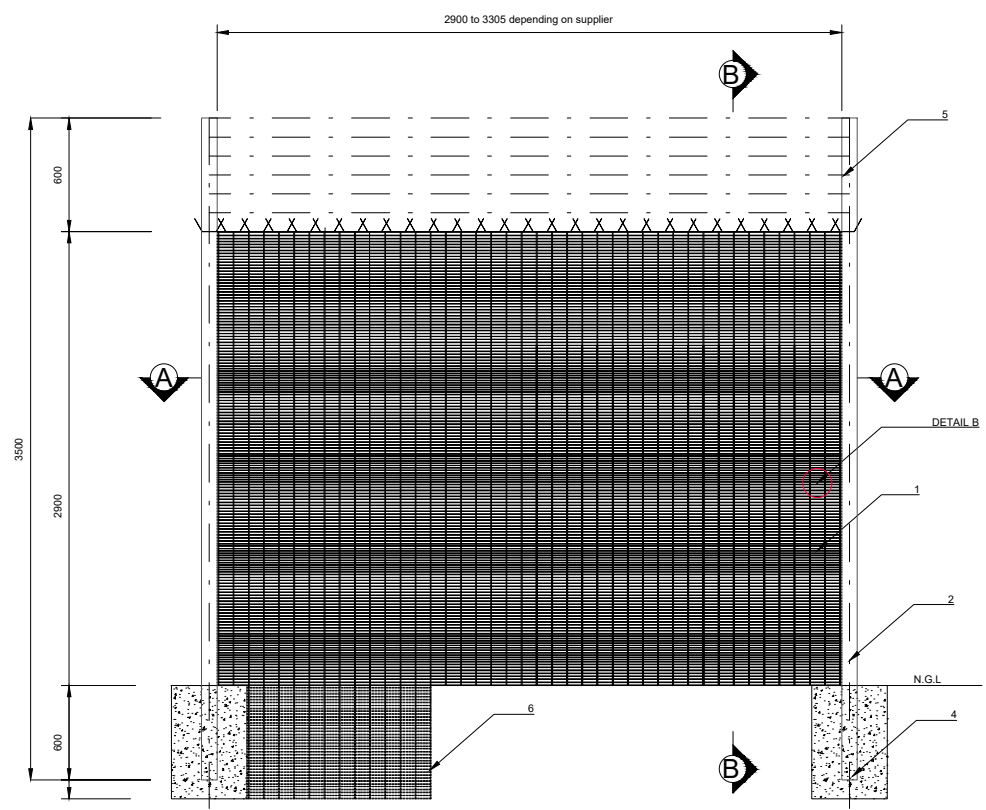
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LEGEND	
Description	Symbol
WWTW Boundary	→→→→
Block Pavers Road	▬▬▬▬
Gravel Road	▬▬▬▬
Road Edge	▬▬▬▬
Road Center Line	▬▬▬▬

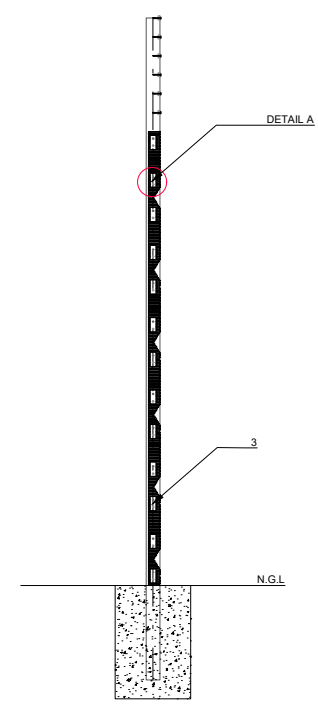


SECTION A-A
SCALE 1:20

CLEARVU FENCE SPECIFICATION (This is a Minimum specification required)		
ITEM #	DESCRIPTION	DESCRIPTION
1	PANEL	2.4m High Security Clearvu or similar approved Galvanized Fence. 76x12.7mm Mesh aperture. Wire diameter of 3mm Horizontal and 4mm Vertical. 4 stiffening wire bend. Internal fixtures-Anti Vandal/Climb etc
2	POST	Galvanized Taper Locking Post sealed with steel Cap
3	CLAMPS	Galvanized Single and Double combo Clamp or similar Approved
4	FOUNDATION	400x400x600mm 25 Mpa Concrete Foundation
5	TOPPING	Standard Electric fence complete with Energizers and comply with SANS 10222-3 or Latest Applicable regulation and 100mm high toughened steel shark tooth spike
6	UNDER DIG	600mm under dig/Anti-Burrow Clear VU mesh extension similar to the Fence in all respect



FRONT ELEVATION
SCALE 1:20



SECTION B-B
SCALE 1:20

CLIENT:

 OR Tambo House
 Nelson Mandela Dr
 Moyo Park
 Mthatha, 5100

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TITLE:
FENCE DETAILS

ISSUED FOR INFORMATION

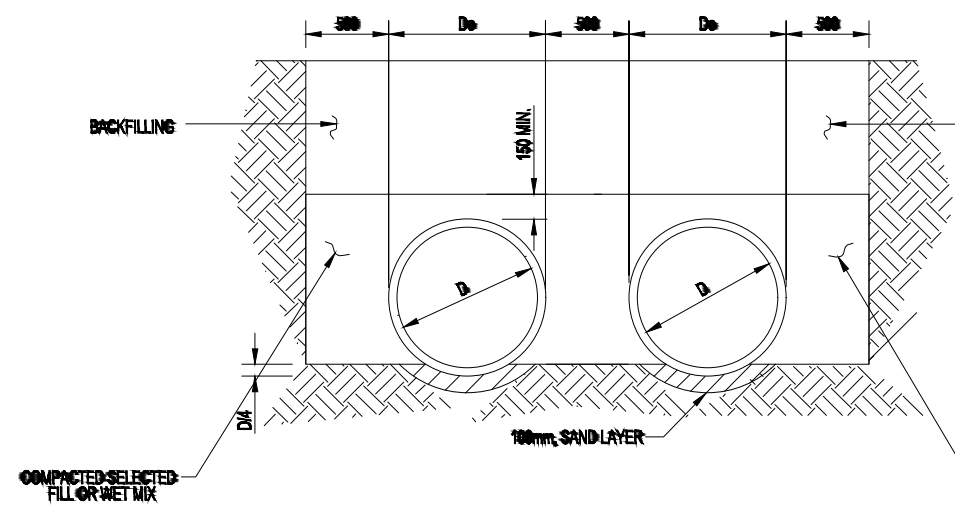
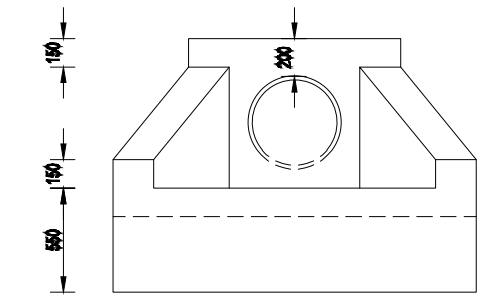
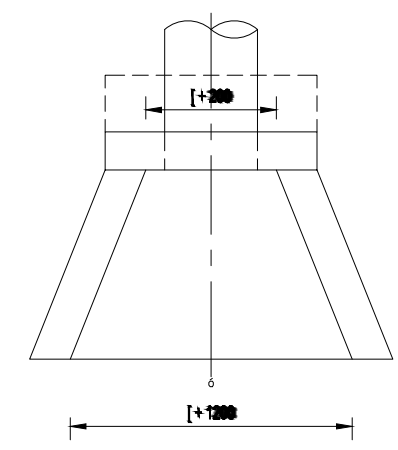
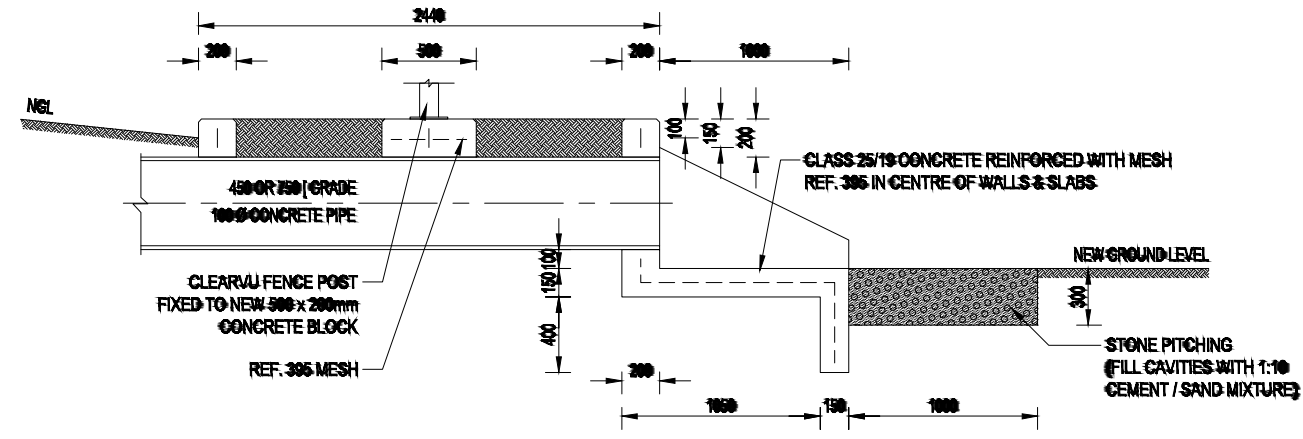
DESIGNED	PN	SIGNATURE	DATE
DRAWN	NM		
CHECKED BY	MM		
APPROVED BY	PN		

SCALE: AS SHOWN PAPER SIZE: A3
 DRAWING NUMBER: 009 S SQ0002 A
 CONTRACT NUMBER:

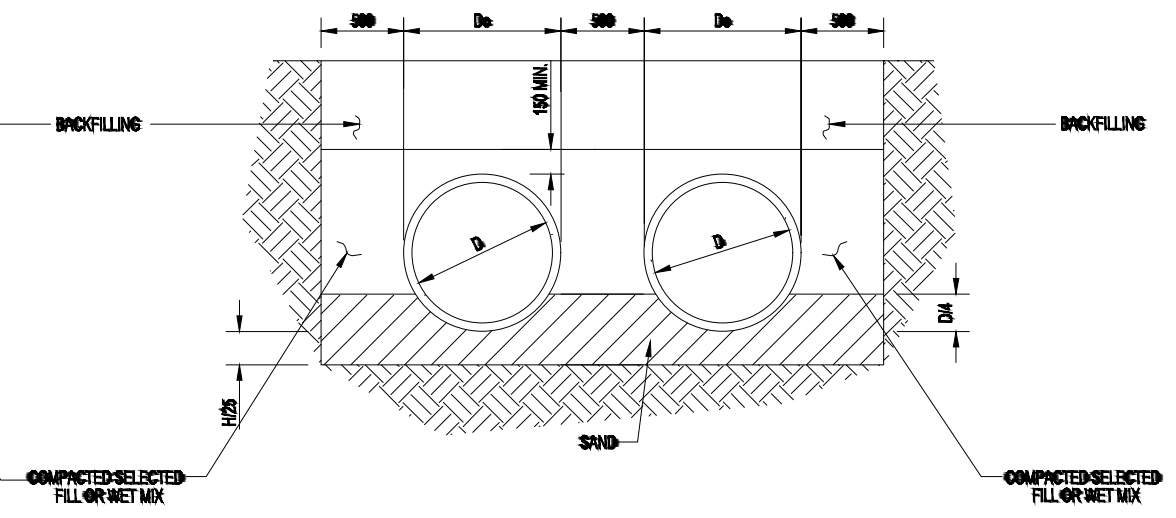
ISSUED FOR TENDERING

LEGEND

Description	Symbol
WWTW Boundary	→→→→
Block Pavers Road	▨
Gravel Road	▩
Road Edge	-----
Road Center Line	-----



**CLASS B BEDDING
ON SOFT MATERIAL
NTS**



**CLASS B BEDDING
ON ROCK
NTS**

STORMWATER PIPE BEDDING DETAILS

CLIENT:



OR Tambo House
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Meyozo Park
Mthatha, 5100

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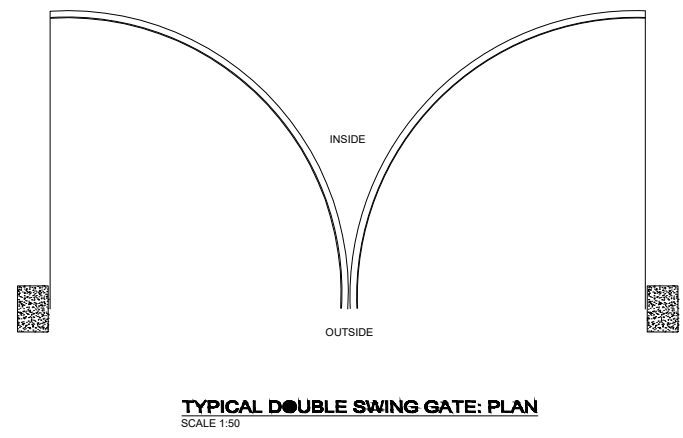
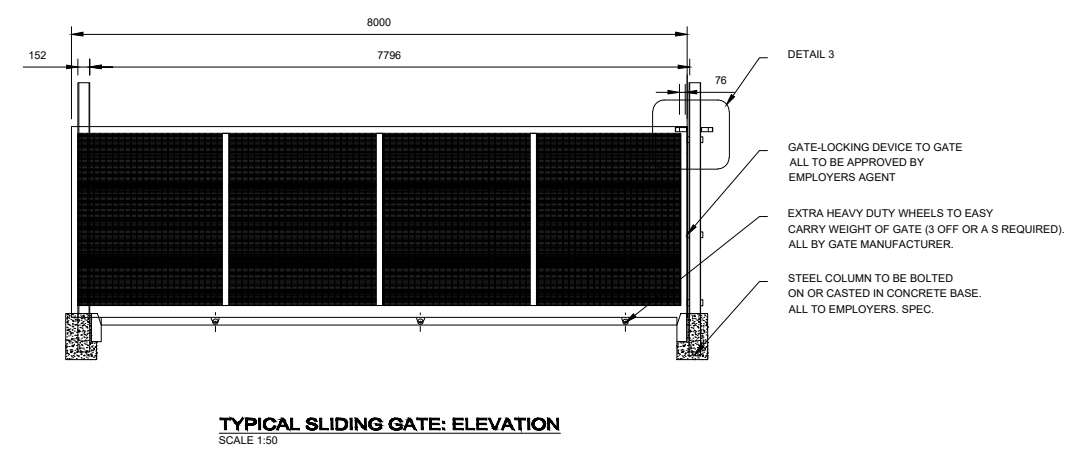
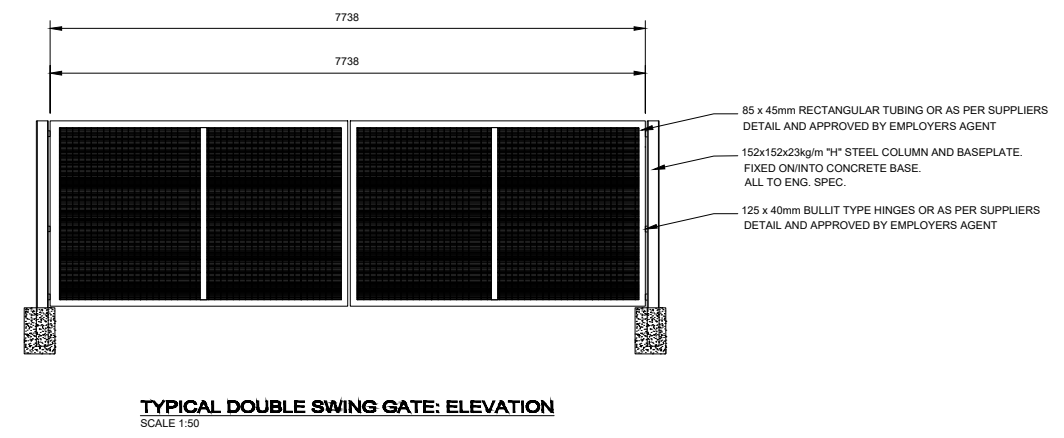
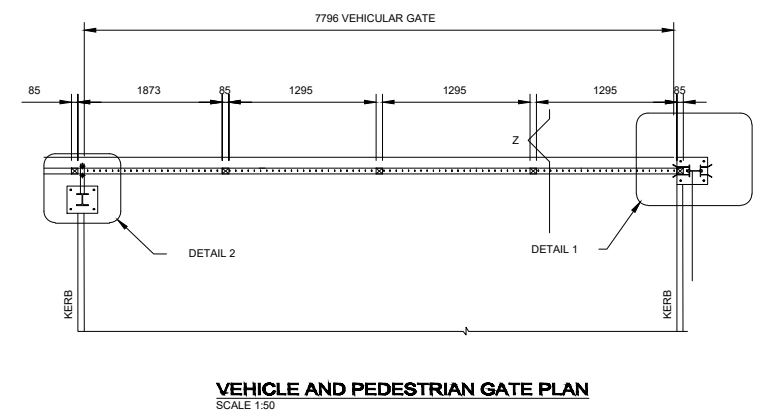
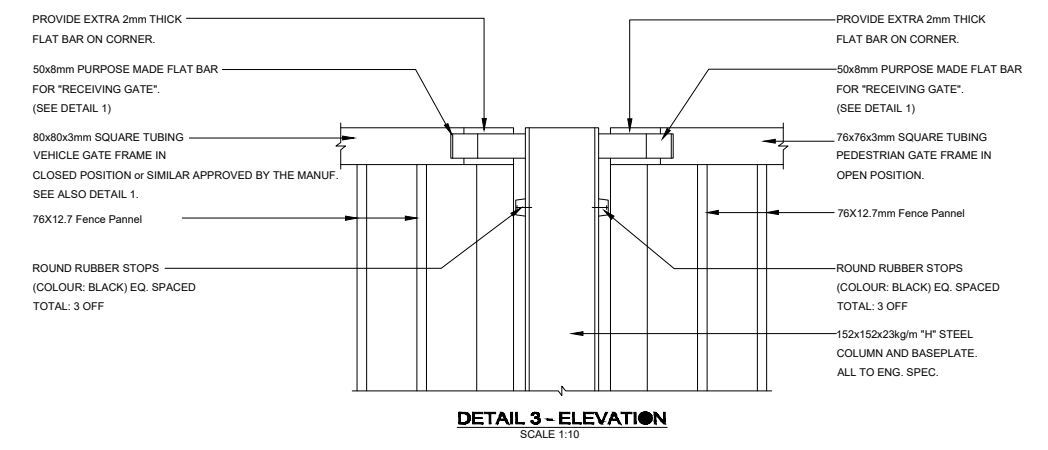
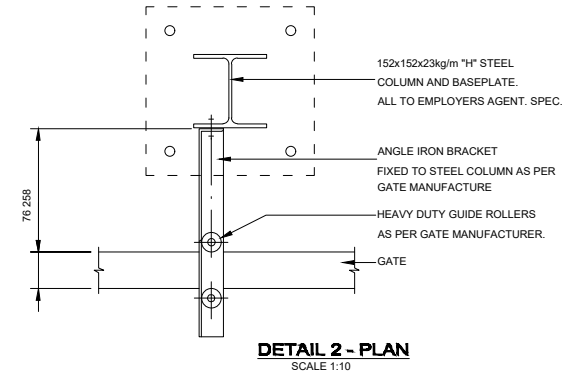
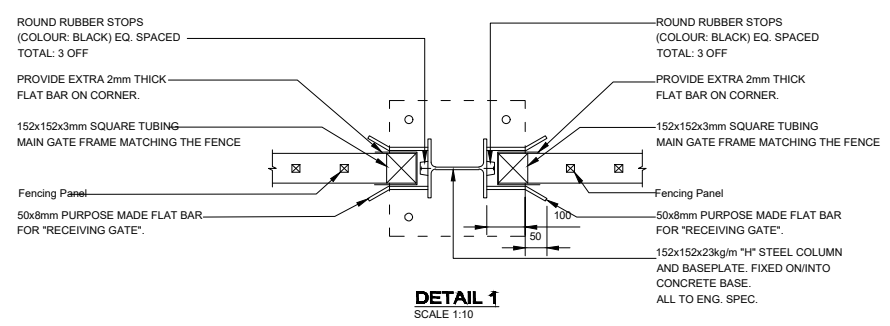
TYPICAL STORMWATER PIPE
CULVERT DETAILS

ISSUED FOR INFORMATION		SIGNATURE	DATE
DESIGNED	PN		
DRAWN	NM		
CHECKED BY	MM		
APPROVED BY	PN		
SCALE - AS SHOWN PAPER SIZE		A3	
DRAWING NUMBER		009 S SQ0003 A	
CONTRACT NUMBER			

ISSUED FOR TENDERING

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LEGEND	
Description	Symbol
WWTW Boundary	→→→→
Block Pavers Road	▒
Gravel Road	▒
Road Edge	—
Road Center Line	—



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FENCE DETAIL

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