



Panel: Invisible Wall (Clear view)  
Panel shall be of 3,305m width and 1.8m in height.  
Panel aperture size (centers) shall be 76.2mm x 12.7mm.

Wire diameter will be 3mm.  
The panel shall be reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands to enhance rigidity.  
Panel shall have 2 x 70" flanges along sides internal fixtures- all fixtures shall be on the inside of fence line)

Panel shall have 1 x 90" flange along top and 1 x 30" flange along toe (integrated rigid angle)Panel post shall have a flush panel post finish with no climbing aid.

Panel shall be affixed to post over 48 line wires using 8 x Double bolt comb clamps and 8 x Single bolt comb clamps using 24 x Anti vandal bolts. (1.8m high will have 16 Single Bolts and 16 Tech Bolts, 2.1m high will have 8 Double Clamps, 8 Single Clamps and 24 Tech Bolts)

GATES  
Swing Gate Size: To be confirmed Double or Single leaf. All connections and joints shall be welded to form rigid frames or assembled with corner fittings. Hinges shall not twist or turn under the action of the gate, shall be so arranged that a closed gate cannot be lifted off the hinges to obtain entry.

Sliding Gates Size: To be confirmed Double or Single leaf. Gate frame fabrication and miscellaneous items shall be similar to Swing Gates.  
All fittings, brackets and rear wheel tracks shall be standard manufactured products for the intended application.

Post:  
Post to be (embedded by 600mm or to be Base Plated) accommodated by panel height and or additions.  
Post width shall be 85mm - tapering to 45mm with a depth of 85mm.  
Post shall include 'Locking Recess Mechanism' to secure panel edge.  
Post shall be sealed with a UV stabilized polymer cap.

REVISIONS		
	DATE	DESCRIPTION
	0A	30 AUG. 22 ISSUED FOR TENDER

**CLIENT:**

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**PROJECT NAME & CLIENT INFORMATION**  
**KZN-DOE/DBSA - STORM  
DAMAGED PROGRAMME.**

**SECTION / BLOCK**  
**EZAKHELENI PS- FENCE  
AND POLE DETAILS.**

**TITLE**  
**GENERAL LAYOUTS &  
DETAILS**

**DRAWING DESCRIPTION**  
**GATE, FENCE and FLAG  
POLE DETAILS**

SCALE	AS SHOWN		
DESIGNED NM	DATE AUG. 2022	PrEng No.	SIGN:.
DRAWN NM	DATE AUG. 2022	SACAP NO.	SIGN:.
APPROVED NM	DATE AUG. 2022	DRAWN: NM	SIGN:.
DRAWING NUMBER: KZN.Doe/DBSA-BPP-EPS-A-D&S-003-0A			REVISION <b>0A</b>

**PREPARED BY:**

 **PROJECTS**  
ARCHITECTS | PROJECT MANAGERS

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**FOR TENDER "ONLY"**