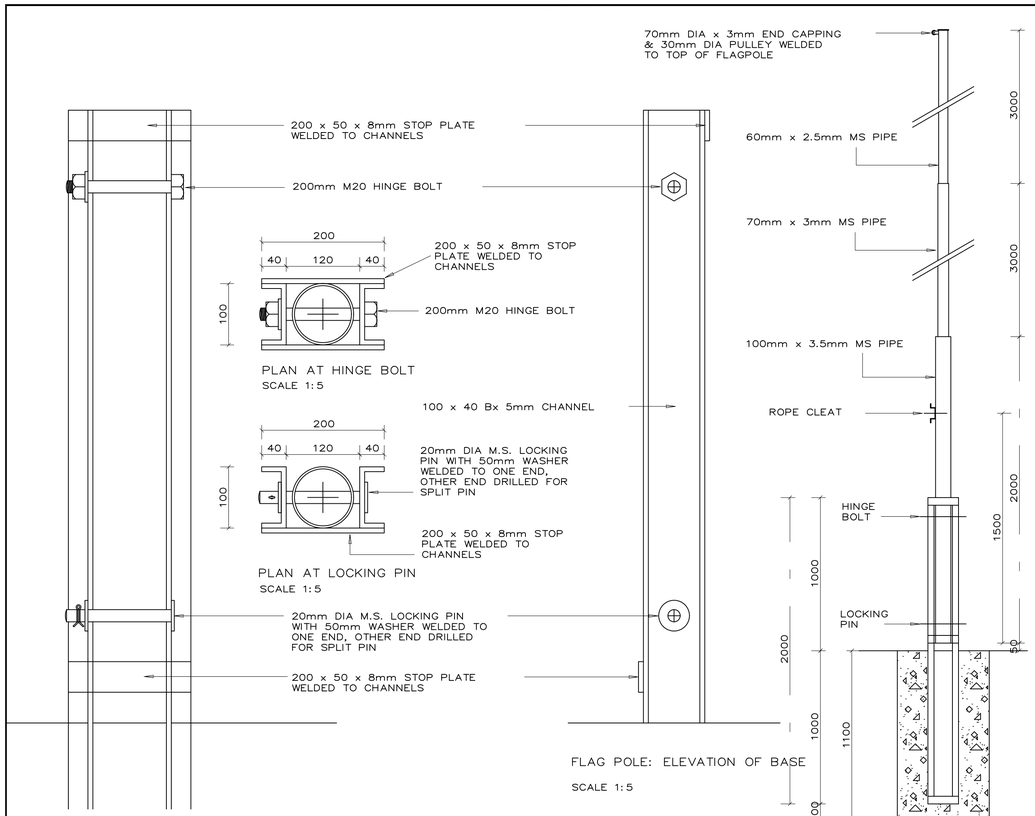
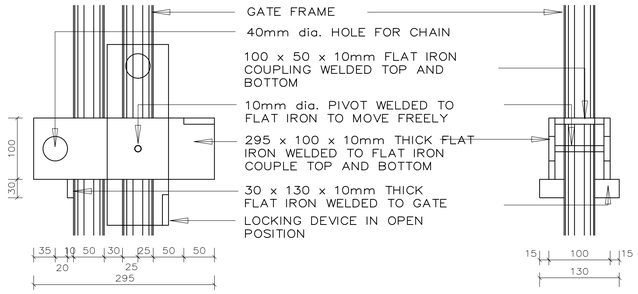
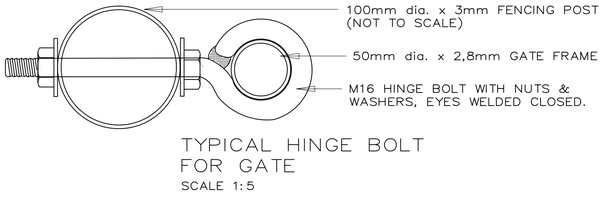
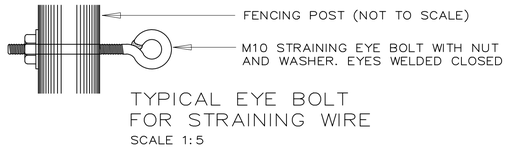








Panel: Invisible Wall (Clear view)
Panel shall be of 3.305m width and 1.8m in height.
Panel aperture size (centers) shall be 76.2mm x 12.7mm.

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)

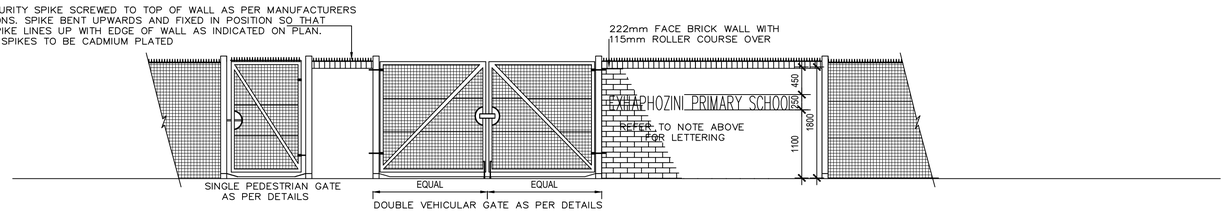
Panel shall have 1 x 90° flange along top and 1 x 30° flange along toe (integrated rigid angle)Panel post shall have a flush panel post finish with no climbing aid.

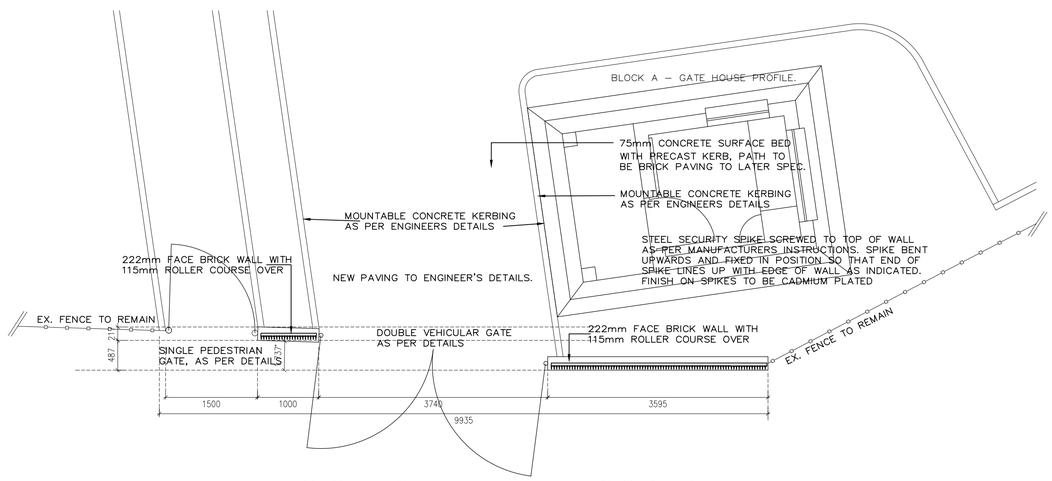
Panel shall be affixed to post over 48 line wires using 8 x Double bolt comb clamps and 8 x Single bolt comb clamps using 24 x
Anti vandal bolts. (1.8m high will have 16 Single Bolts and 16 Tech Bolts,
2.1m high will have 8 Double
Clamps, 8 Single Clamps and 24 Tech Bolts)

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.





FOR TENDER "ONLY"

REVISIONS

	DATE	DESCRIPTION
0A	26 AUG. 22	ISSUED FOR TENDER

CLIENT:

education
Department: Education
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PROJECT NAME & CLIENT INFORMATION
KZN-DOE/DBSA - STORM DAMAGED PROGRAMME.

SECTION / BLOCK
EXHAPHOZINI 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 0A

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