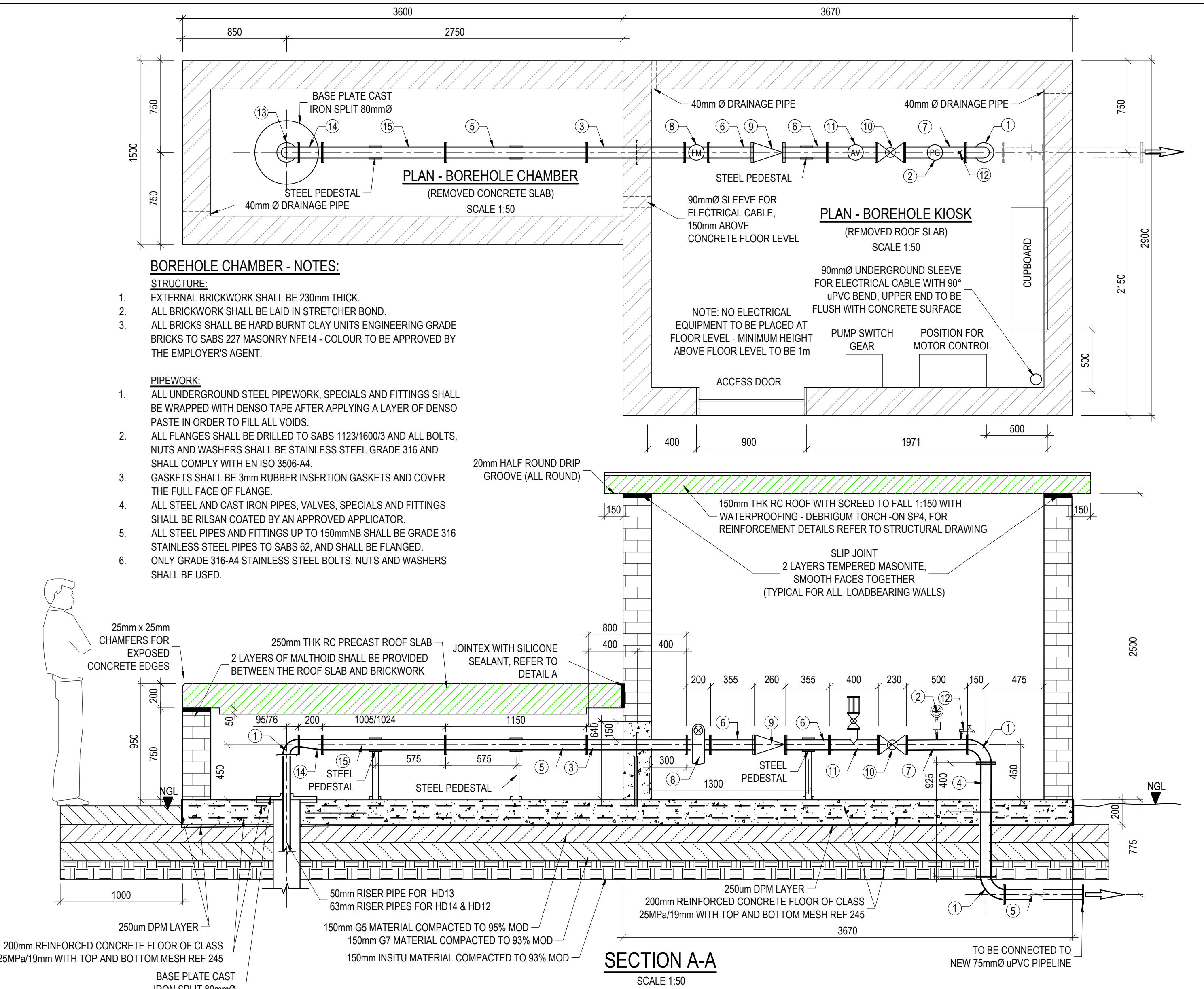
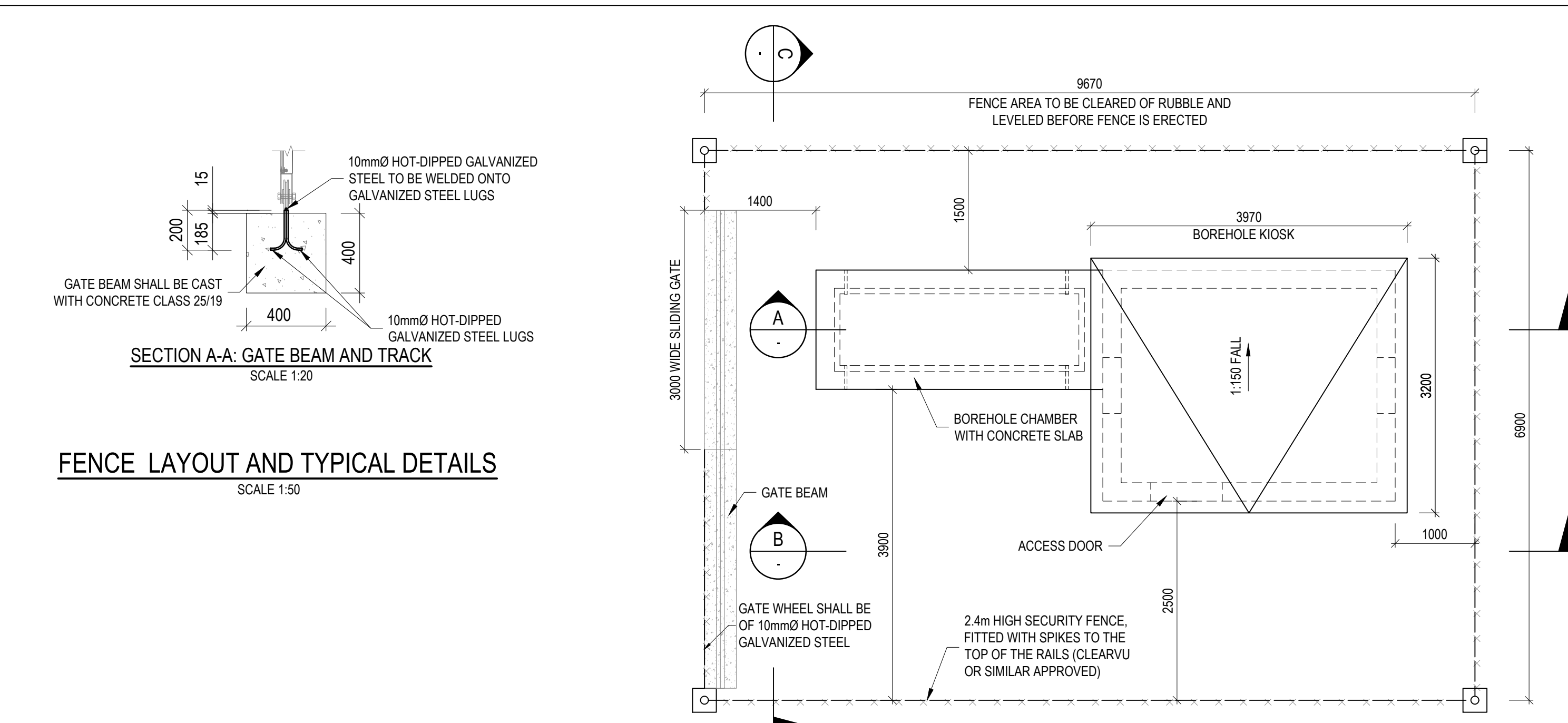
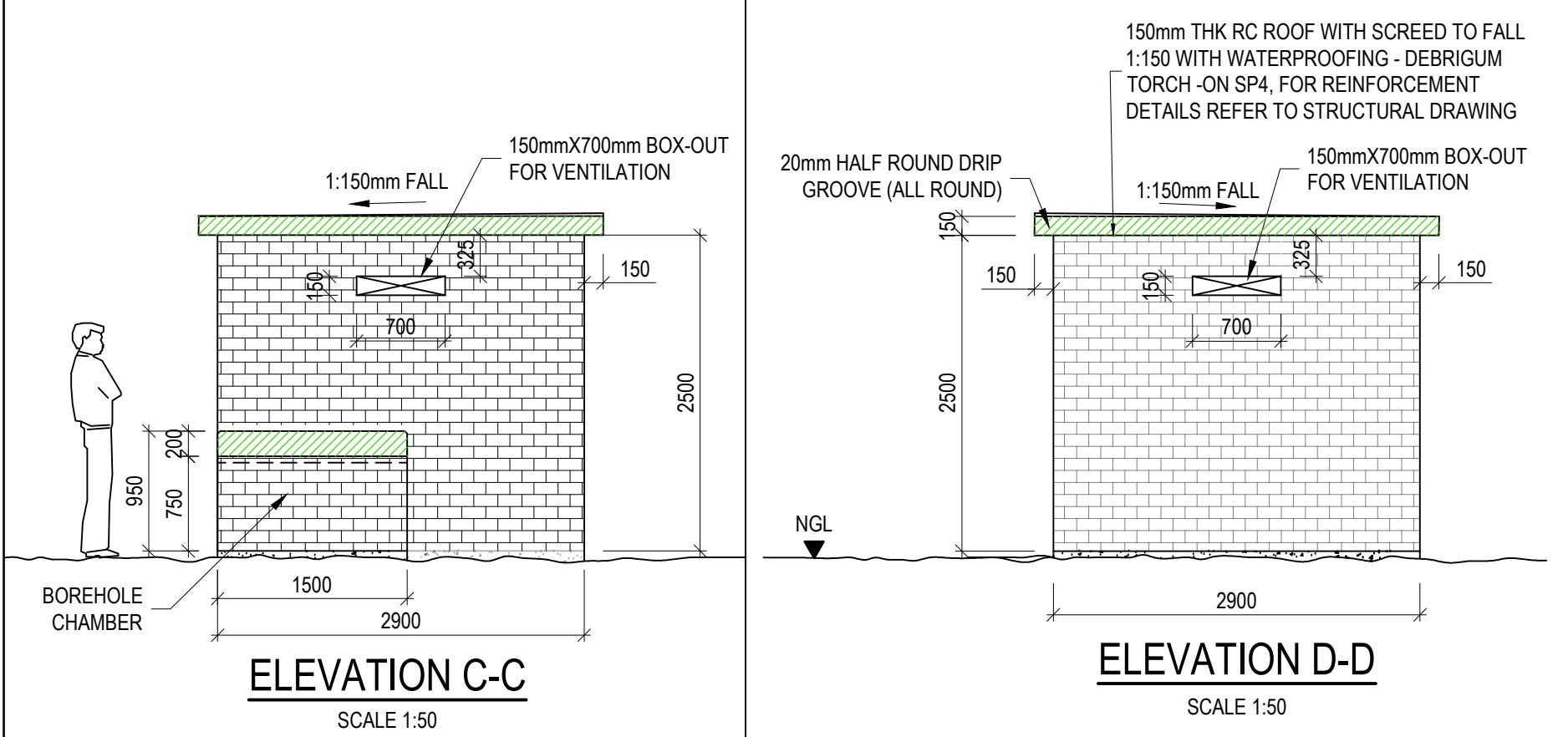
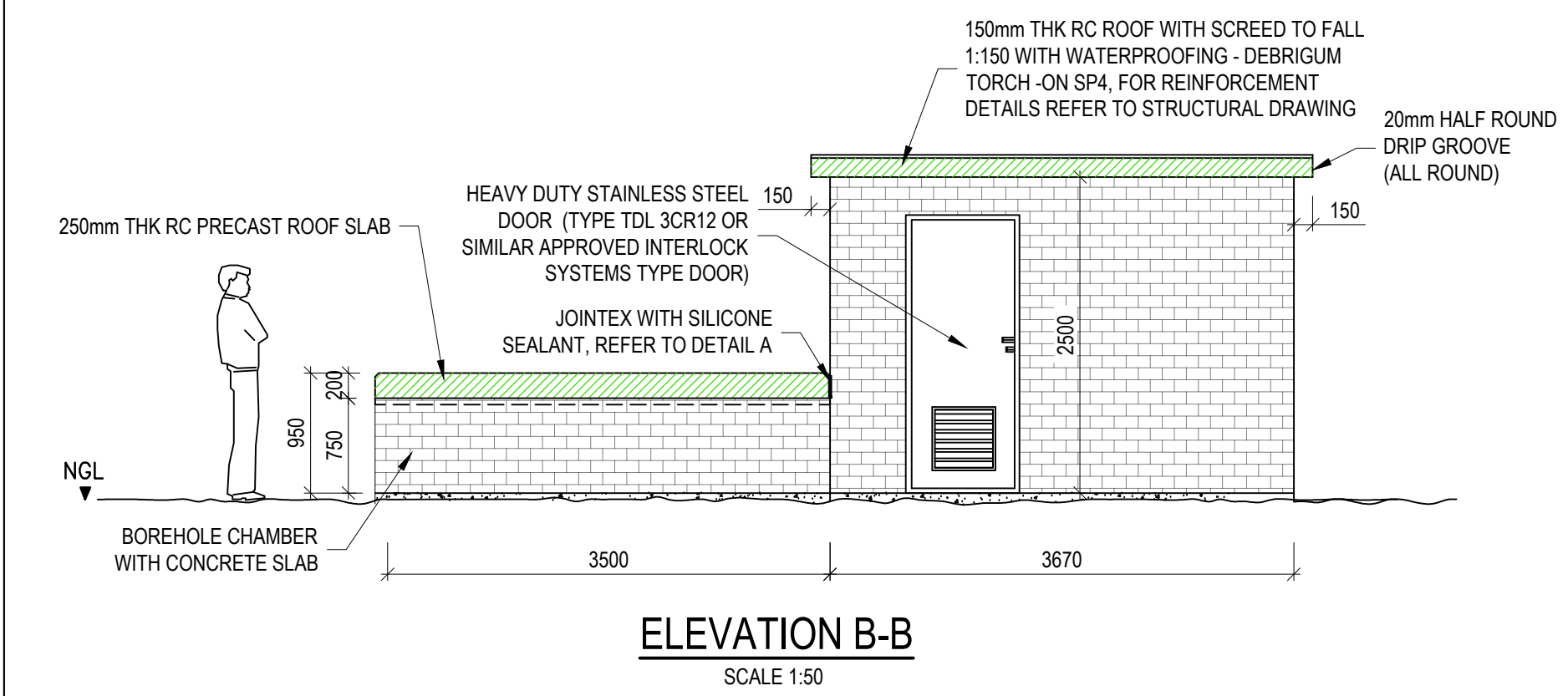
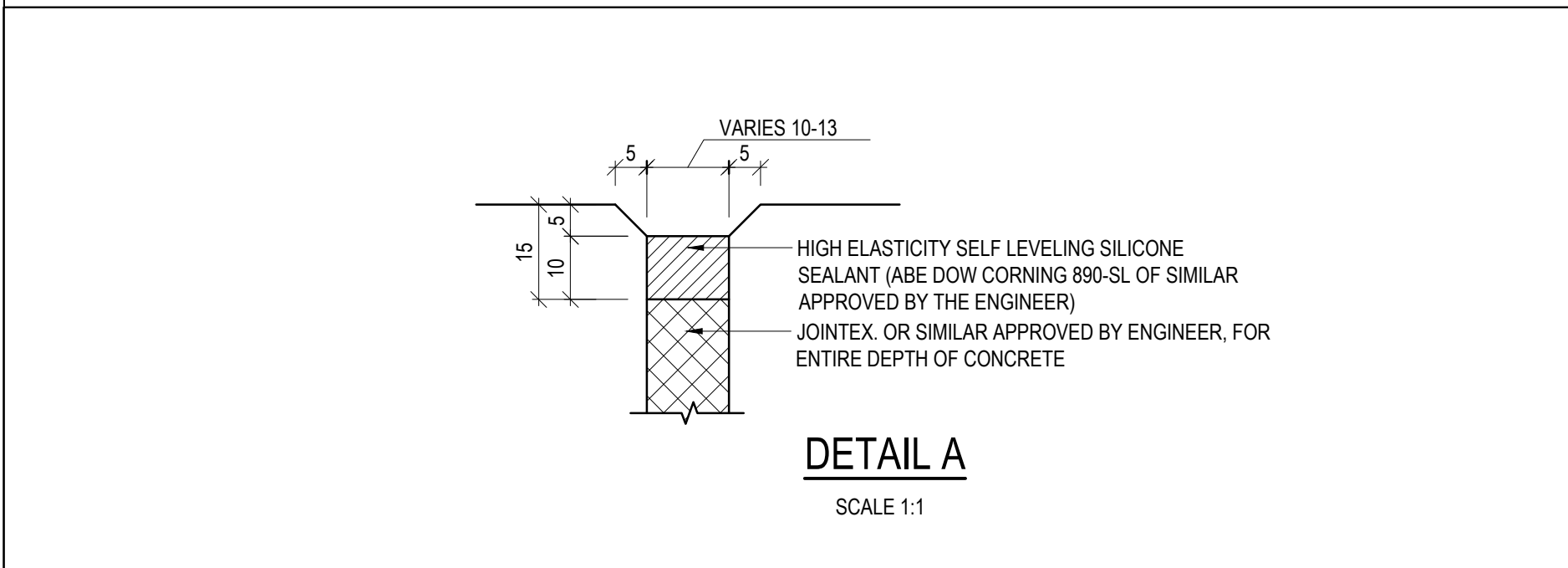
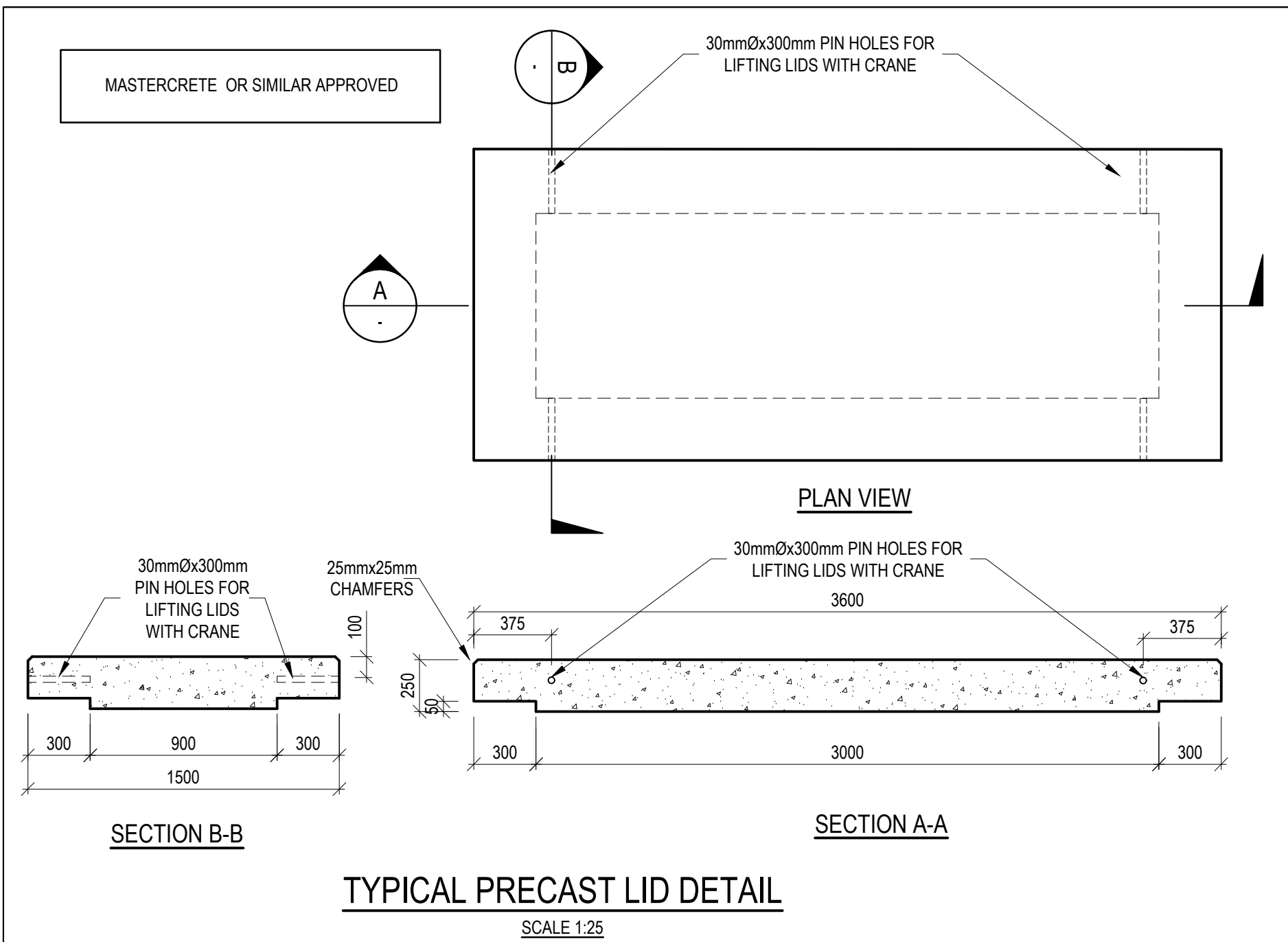
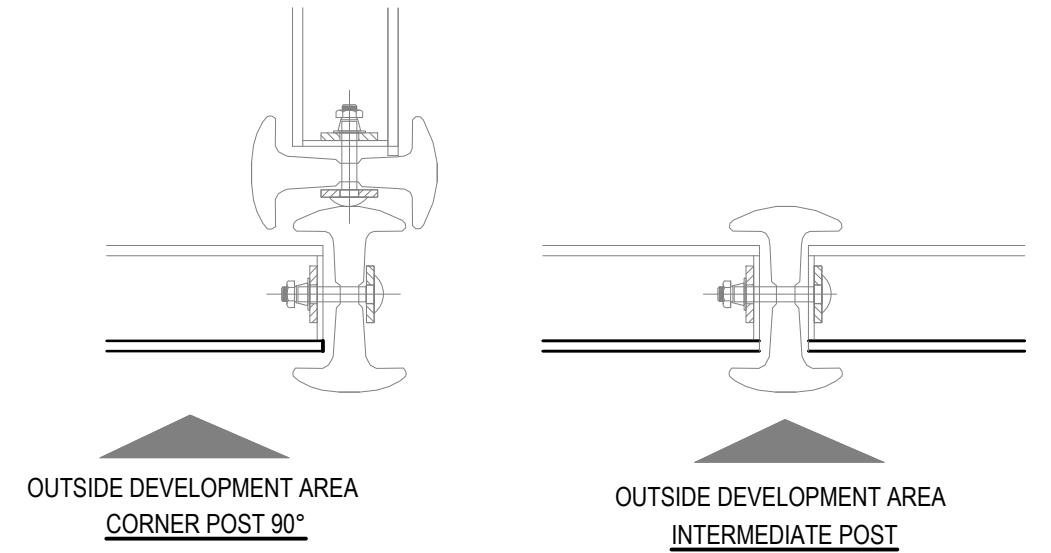


File Name: P:\PROJECT\1500748_Kouga Drought Relief DEL DESIG\CAD\DRAWING\TENDER DRAWINGS\ST FRANCIS BAY\NOV2024\56-09_TENDER DRG\00748-PH05-DRG-AR-0002-REV-01 - B1 KIOSK LAYOUT AND DETAILS.DWG
Plot Date: 05/02/24 12:52:32 pm
Office: ZAR-Z



FENCE SPECIFICATIONS:

- ALL POSTS SHALL BE 70 X 44 X 3200mm AND ALL OPENINGS ON POSTS TO BE SEALED.
- AT EACH POST, FOUNDATIONS TO BE CAST 400 X 400 X 700 DEEP WITH CONCRETE CLASS 25/19.
- MESH PANELS SHALL BE FABRICATED FROM HIGH TENSILE STEEL WITH A WELD STRENGTH OF 60% AND A TENSILE STRENGTH OF 500N/mm².
- HORIZONTAL AND VERTICAL WIRES SHALL HAVE A CORE DIAMETER OF 3.96mm WITH A TOLERANCE OF +/- 0.07mm.
- PANEL FINISH SIZE TOLERANCES: WIDTH +/- 2.0mm AND HEIGHT +/- 6mm.
- MESH PANELS SHALL BE COATED WITH ZINCALU (GALFAN).
- MESH PANELS FIXING TO POSTS: CLAMP FIXED WITH MINI SPIDER CLAMPS USING M8 ANTI-VANDAL CUPSQUARE BOLTS, SHEAR-OFF NUTS & FLAT WASHERS, FIXING SCREWS GRADE 316 STAINLESS STEEL.
- SPIKES TO BE FITTED AT THE TOP OF THE RAILS FOR ANTI CLIMB PREVENTION.
- ALL STEEL MEMBERS (EXCLUDING WIRING) TO BE HOT DIPPED GALVANIZED IN COMPLIANCE WITH SANS 32 CLASS A1 AND PVC COATED.
- ALL WIRING HOT DIPPED GALVANIZED TO SANS (675:2009) AND PVC COATED.
- GATE BEAM SHALL BE 400mm WIDE x 400mm DEEP CLASS 25/19 CONCRETE.



NOTE 7: MESH PANELS FIXING TO POSTS
N.T.S

PIPE FITTING SCHEDULE (PER BOREHOLE)

SYMBOL	FITTING	Ø (mm)	a (mm)	b (mm)	c (mm)	No. Off
1	FLANGED 90° BEND	50 NB			76	3
2	PRESSURE GAUGE TO FIT NIPPLE WELDED TO PIPE					1
3	PUDDLE FLANGED PIPE	50 NB	400	800		1
4	PUDDLE FLANGED PIPE	50 NB	400	925		1
5	FLANGED PIPE	50 NB	1187			2
6	FLANGED PIPE	50 NB	355			2
7	FLANGED PIPE WITH 2x No. 15mm NIPPLES FOR PRESSURE GAUGE AND SAMPLING TAP (BIB TAP)	50 NB	250	50	500	1
8	ELECTRO MAGNETIC FLOW METER	50 NB	200			1
9	NON RETURN VALVE	50 NB	197			1
10	FLANGED GATE VALVE	50 NB	216			2
11	FLANGED EQUAL TEE	50 NB	280	140		1
12	SAMPLING TAP TO BE 15mm HOSE BIBTAP (COBRA208) SAMPLING TAP TO FIT NIPPLE WELDED TO PIPE					1

ZUTARI
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DISCLAIMER
IF CONSTRUCTION DRAWINGS ARE ISSUED UNSIGNED, THE MASTER WITH THE ORIGINAL SIGNATURE OF APPROVAL WILL BE HELD AT THE ZUTARI OFFICE OF THE APPROVER

REV	DATE	REVISION DETAILS
TO	22/05/24	ISSUED FOR TENDER

APPROVED
J vd MESCHT

SCALE
AS SHOWN

SIZE
A1

DRAWN
P BENDLELA

DESIGNED
J vd MESCHT

REVIEWED
J vd MESCHT

FOR TENDER
NOT FOR CONSTRUCTION

APPROVED

DATE

Professional Engineer
J vd MESCHT

Pt.Eng
9202237

PROJECT	ST FRANCIS BAY GROUNDWATER SUPPLY
TITLE	BOREHOLE KIOSK LAYOUT AND DETAILS
DRAWING No.	500748
PROJECT No.	500748
WBS	PH05
TYPE	DRG
DISC	WR
NUMBER	0002
REV	T0