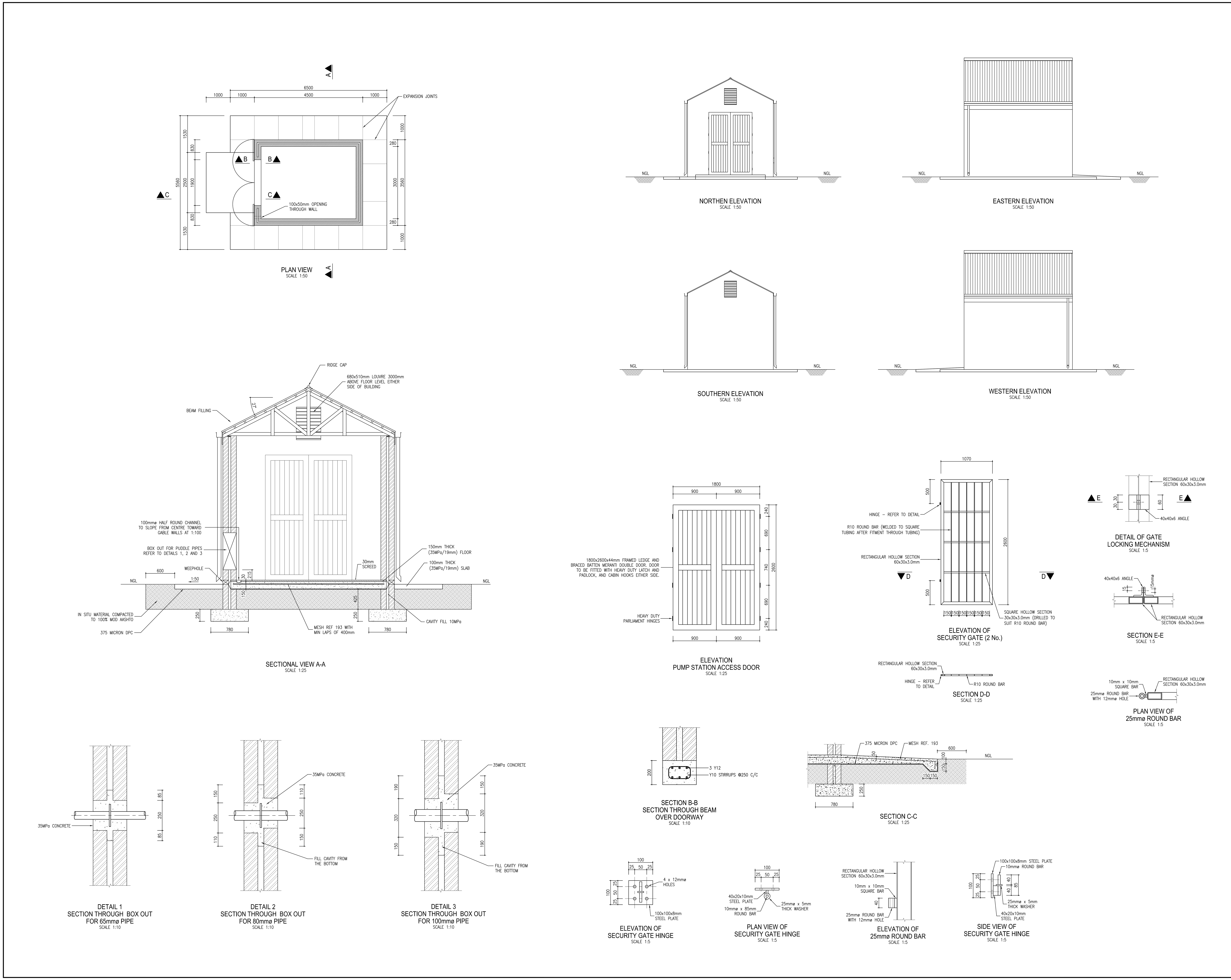

SPECIFICATIONS

ROOF:

CANADIAN PATTERN FIBRE CEMENT SHEETS ON 75x50mm PURLINS @ MAX. 400mm C/C ON 114x38mm RAFTERS @ 650mm C/C ON 114x38mm WALLPLATES. WALLPLATES & RAFTERS TO BE STRAPPED WELL DOWN INTO BRICKWORK WITH GALVANISED HOOP-IRON STRAPS @ MIN. 600mm BELOW UNDERSIDE OF WALLPLATE. ALL TIMBER TO BE PLANED. THE ROOF SHALL BE PAINTED ONE UNDERCOAT AND TWO TOP COAT LAYERS WITH AN APPROVED DARK GREEN ROOF PAINT.

FACIAS:

300x12 MIN. FIBRE CEMENT FASCIA. PVC DOWNPIPES AND GUTTERS TO BE FIXED TO FASCIA WITH BRACKETS.

SUPERSTRUCTURES:

115/50/115mm (280mm) CAVITY WALLS BUILT ON FOUNDATIONS AS INDICATED. EXTERNAL WALLS TO BE INCA CALSICA SILVER ROCKFACE BRICKS. INTERNAL WALLS TO BE PLASTERED AND PAINTED WITH ONE UNDERCOAT AND TWO TOP COAT LAYERS APPROVED WHITE PVC PAINT.

FLOOR:

150mm THICK 35MPa SMOOTH CONCRETE SLAB ON 375 MICRON FLOOR UNDERLAY ON WELL COMPACTED FILLING. 30mm THICK SCREED ON TOP OF CONCRETE. FLOOR SCREED TO BE PAINTED WITH AN EPOXY PAINT WITH APPROVED COLOURS.

DOOR:

DOORS AND FRAMES TO BE CONSTRUCTED AS PER DETAILS.

LIGHTS:

EXTERNAL LIGHTS TO BE LASCON B40-80 MVE OR SIMILAR APPROVED WITH THEFT PROTECTION. INTERNAL LIGHTS TO HAVE CONDUITS IN WALL CAVITIES. SMALL POWER PANEL WILL BE INTEGRAL WITH ELECTRICAL CONTROL PANEL TO BE SUPPLIED BY ELECTRICAL CONTRACTOR.

LOUVRES:

680x510 STEEL LOUVRES WITH ANGLE IRON FRAMES TO BE HOT DIPPED GALVANISED AFTER MANUFACTURE. LOUVRES TO BE BOLTED TO WALLS AND SUPPLIED WITH VERMIN PROOF MESH ON THE INSIDES.

SECURITY GATE:

ALL WELDS SHALL BE 6mm FILLET WELDS TO SANS 10044. ALL STEEL ELEMENTS TO BE HOT DIP GALVANISED (HGD) TO SANS 121 AND SANS 32. WHERE THE HDG IS DAMAGED IT SHALL BE REPAIRED WITH ZINCFIX (OR SIMILAR APPROVED) TO MANUFACTURER'S SPECIFICATIONS. ANCHOR BOLTS TO BE 10mmø COACH SCREW COMPLETE WITH SNAP-OFF SAFETY HEX HEAD.

NOTES

1. BRICKFORCE CONTINUOUSLY EVERY FOURTH LAYER.
2. DPC UNDERNEATH WALLS @ FLOOR LEVEL TO BE MIN. 375 MICRON.
3. 5 WALL TIES PER SQ/M OF WALL AREA INSIDE CAVITIES.
4. ALL ELECTRICAL DUCTS TO BE FITTED WITH DRAW WIRES.
5. ALL BENDS ON ELECTRICAL DUCTS TO BE LONG RADIUS BENDS.

NO.	DATE	REVISION DESCRIPTION	DRAWN

BKS (PTY) LTD
Engineering and Management
Reg Nr. No. 1966/006626/07
Waterside Place, Southgate
Tyger Waterfront
Carl Cronje Drive
Bellville
Tel : (021) 950 7500
Fax : (021) 950 7502

CLIENT
OVERSTRAND MUNICIPALITY

PROJECT
UPGRADING OF THE FILTRATION PLANT AT BAARDSKEERDERSBOS

DRAWING TITLE
FILTRATION PLANT BUILDING

	BKS RESPONSIBLE PERSON	DATE	SHEET SIZE
DESIGNED	H SMOOK	MAY 2009	A0
DRAWN	C vd BERG	MAY 2009	SCALE
CHECKED	H AARTSMA		AS SHOWN
APPROVED	PR. ENG		

BKS DISCIPLINE: URBAN AND RURAL

BKS DRAWING NUMBER

BKS PROJ. No	SUB NUMBER	DISCIPLINE	DRAWING NUMBER	STATUS	REVISION
J00991	01	036	001	T	00

DRAWING STATUS CODES :
D = DRAFT F = FINAL P = PRELIMINARY A = RECORD DRAWING
R = REPORT T = TENDER C = CONSTRUCTION

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