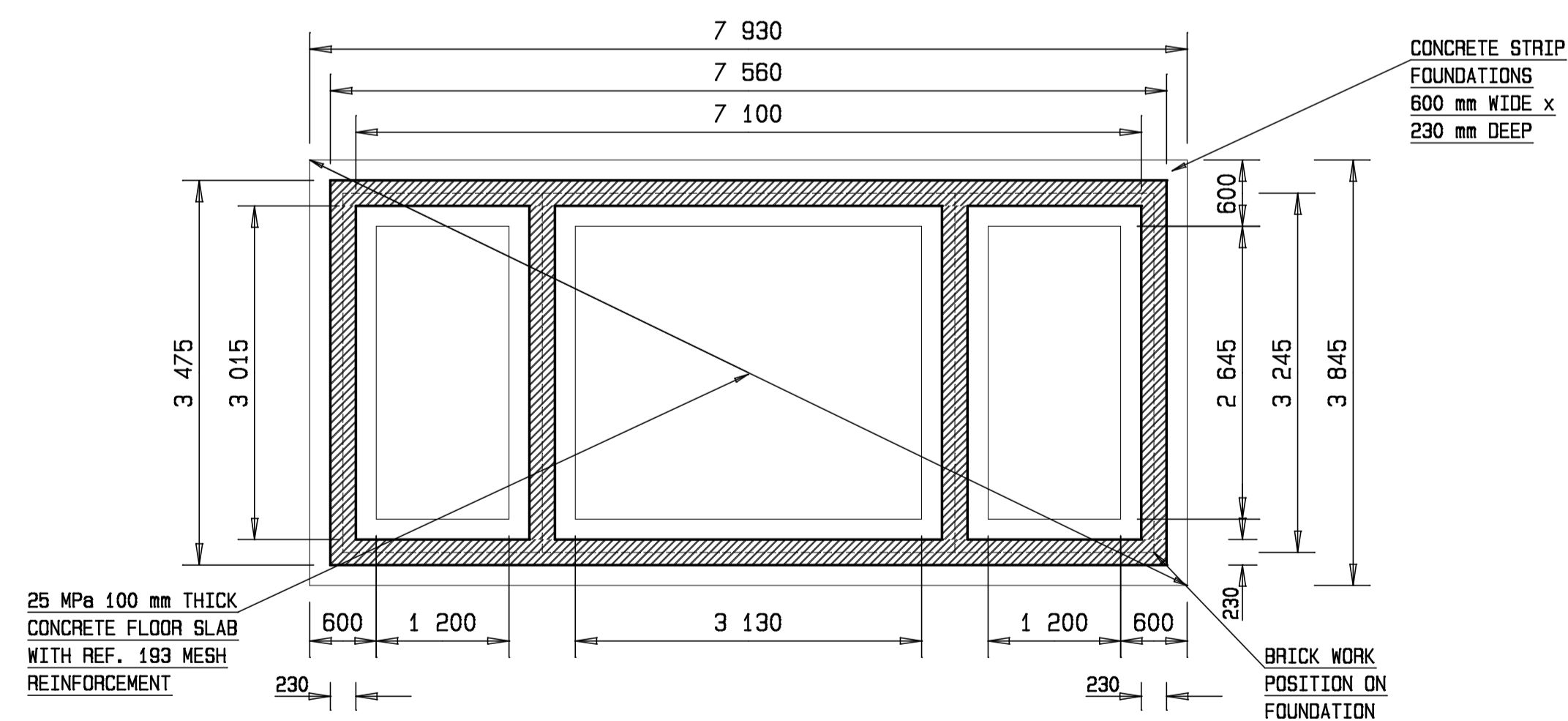


SECURITY FACILITY PLAN LAYOUT

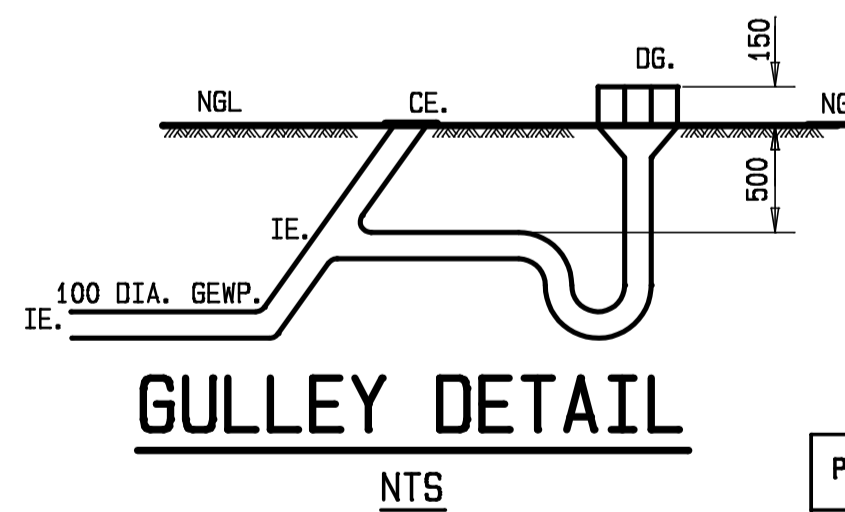
SCALE: 1:50



FOUNDATION PLAN LAYOUT

CLASS 25/19 CONCRETE

SCALE: 1:50



NOTES:

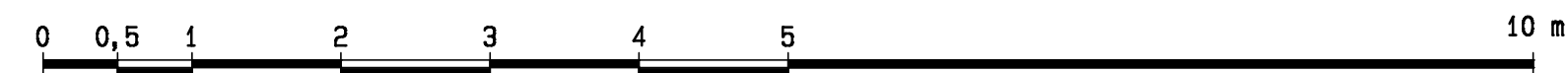
- IN GENERAL ALL CONCRETE WORKS SHALL COMPLY WITH SANS 1200 -G SERIES AND CONSTRUCTION WORKS SPECIFICATION PW 371
 CONCRETE CLASS: MASS CONCRETE - CLASS A 10/19
 STRIP FOOTINGS (BRICKWALLS) - CLASS E 25/19
 CONCRETE (SLABS) - CLASS F 25/19
 CONCRETE COVER TO REINFORCEMENT: FOUNDATIONS - 30 mm
 SLABS - 30 mm
- NO CONCRETE SHALL BE PLACED PRIOR TO APPROVAL OF FOUNDATIONS BY ENGINEER.
- ALL NON SHUTTERED CONCRETE SURFACES SHALL HAVE A WOOD FLOATED SURFACE.
- ALL WORKS SHALL COMPLY WITH THE NATIONAL BUILDING REGULATION SABS 0400 BRICKWORKS:
 - IN GENERAL ALL BRICKWALLS SHALL COMPLY WITH CONSTRUCTION WORKS SPECIFICATION PW 371
 - BRICKFORCE TO BE PLACED IN EVERY 5th COURSE AND IN EVERY 3th COURSE LAYERS ABOVE AND BELOW CONCRETE SLABS, DOOR AND WINDOW OPENINGS WITH MINIMUM LAB LENGHT OF 150 mm.

NOTES:

- ROOFING
- TUSCAN CONCRETE TILE 420 X 332 mm, ROOFING AT 21 DEGREES PITCH MUST BE IN ACCORDING TO THE SUPPLIERS INSTRUCTIONS ON A SA PINE PURLINS. 38 X 38 mm BATTEN CENTRE WILL BE 320 mm CENTRE TO CENTRE ON SISALATION 405 RSA, TILTING END BATTEN WILL BE 50 X 50 mm PLACED AT 370 mm.
 - ROOF OVERHANG WILL BE 600 mm TRUSS CENTRE WILL BE 1400 mm CENTRE TO CENTRE, TRUSSES WILL BE FASTENED WITH 4 mm GALVANIZED WIRE TIES BUILT INTO THE TOP SIX BRICK COURSES ON 75 X 38 mm SA PINE WALL PLATE AND TIMBER TRUSS SA PINE GRADE 6.
- CEILING
- CYPSUM OR FIBRE CEMENT BOARD CEILING WITH METAL CONNECTION STRIPS ON 38 X 38 mm SAP BRANDERING 70 X 19 mm SAP SKIRTING AND 20 mm QUADRANT TO BE USE AS CORNICES
 - CEILING CORNICE PAINT SPECIFICATION: SA PINE AND MERANT- PREPARE, SAND AND APPLY 3 COATS MATT POLY URETHANE VARNISH

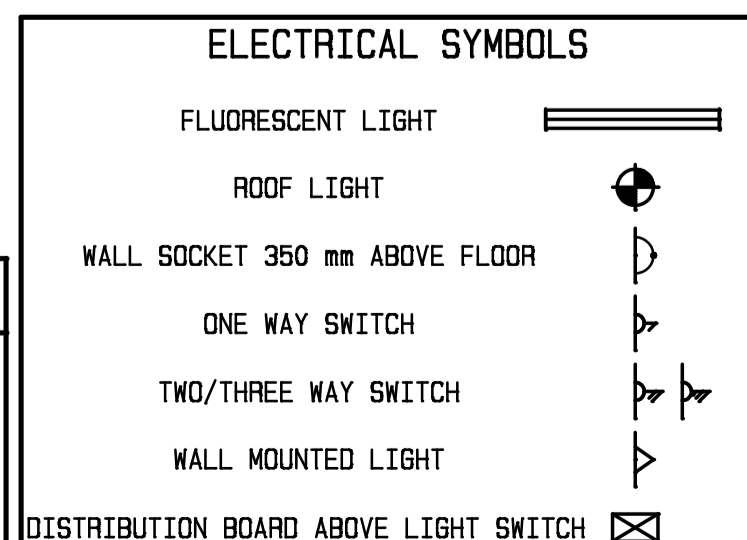
	928	1282	597	1511
	2032	2032	706	1540
PLAN REFERENCE	DOOR 1	DOOR 2	D 1	C 2F
MANUFACTURER'S CODE:	813 X 2032 FIELDLED PANEL DOOR	1282 X 2032 SOLID CORE FLUSH PANEL DOOR	D 1	C 2F
QUANTITY & APPLICATION:	1 EXTERNAL DOOR	1 EXTERNAL DOOR	1	3
FRAME MATERIAL:	WOODEN DOOR FRAME	WOODEN DOOR FRAME	WOODEN WINDOWS	WOODEN WINDOWS

SCALE 1:50



SECTION

SECTION NUMBER
07/3
SHEET NUMBER



DEPARTMENT OF WATER AFFAIRS AND SANITATION
REPUBLIC OF SOUTH AFRICA

HEAD OFFICE
CIVIL ENGINEERING
PRIVATE BAG X313
PRETORIA 0001

SEDIBENG BUILDING
185 SCHOEMAN STREET
PRETORIA
(012) 336-7500

M. SIRENYA
DIRECTOR GENERAL

DESIGN:
DATE: DRAWN: NIRDOSH PUNCHUM

CHECKED: DATE: EXTERNAL APPROVAL: DATE:

ENGINEER: DATE: DIRECTOR (Pr. Eng): DATE:

CHIEF ENGINEER / APP (Pr. Eng): DATE: DIRECTOR (Pr. Eng): DATE:

UMDLOTI RIVER GVT WATER SCHEME
EASTERN OPERATIONS: HAZELMERE DAM
SECURITY FACILITY

PROVINCE: KWAZULU-NATAL	DISTRICT: VERULAM	SHEET	REG. No.	OTHER NUMBER	REV.
LOCALITY No. 1	TENDER/ CONTRACT No.	1 of 2			
CALCULATION FILE:					