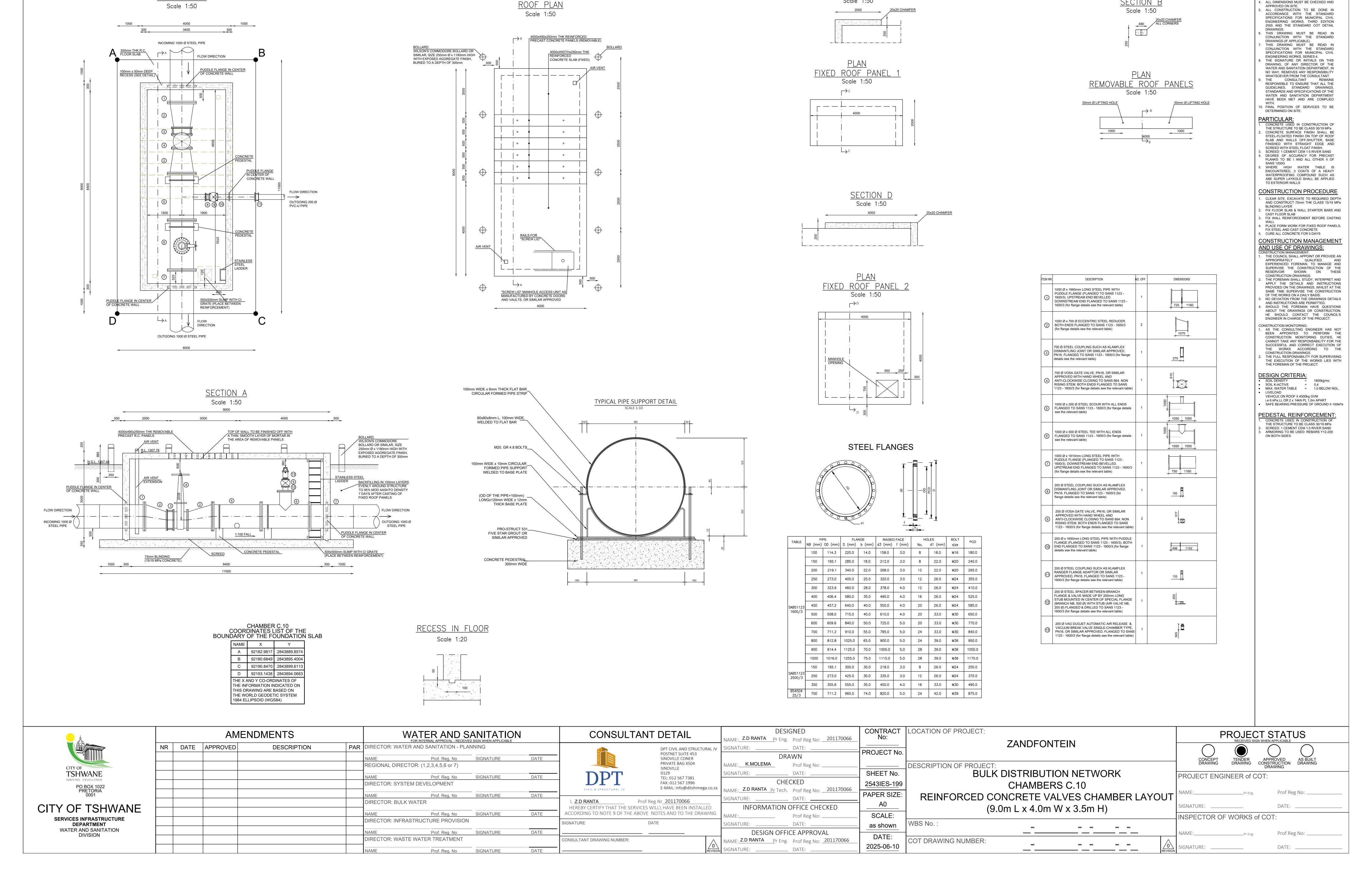


NOTES AND SPECIFICATIONS

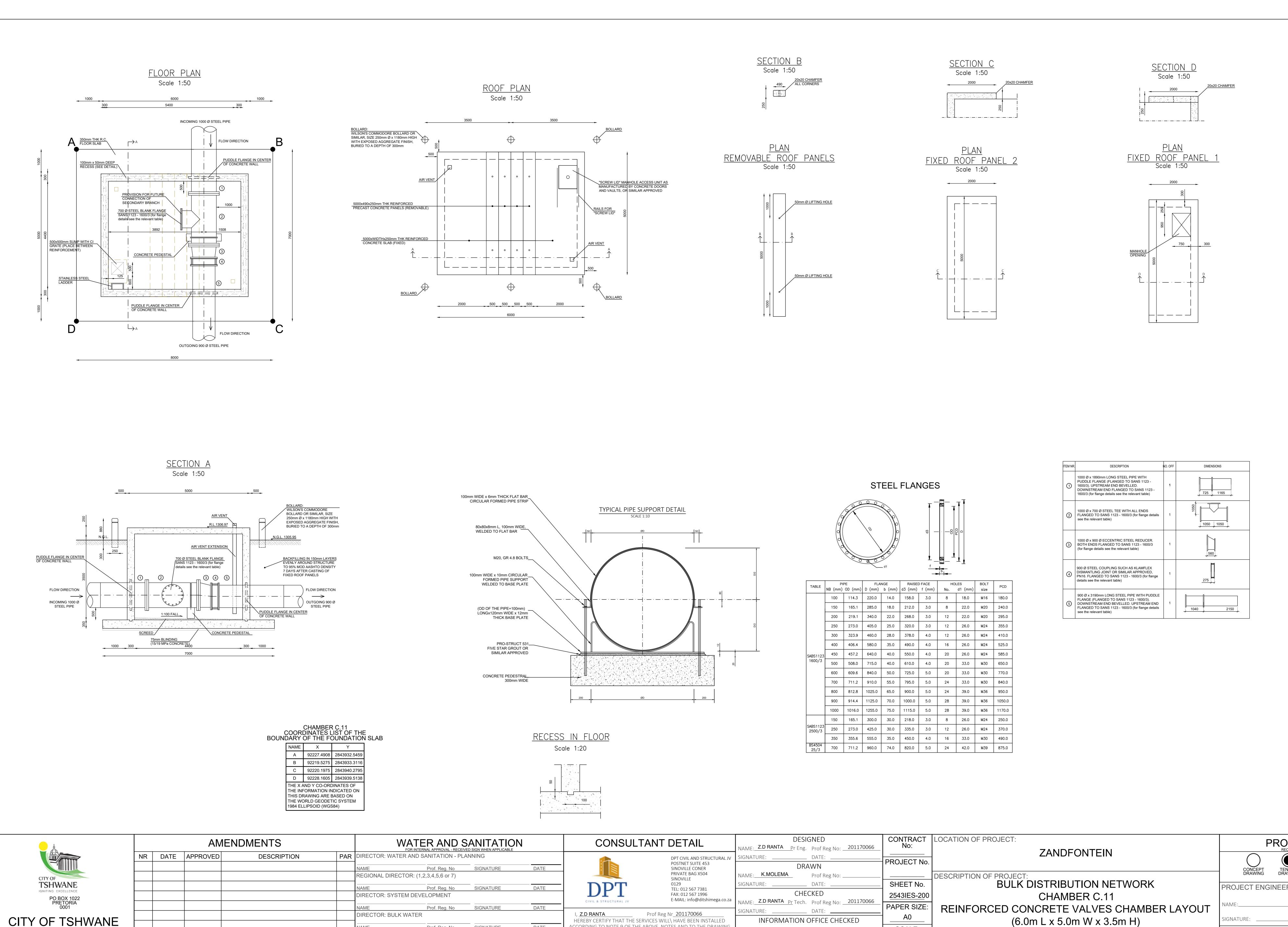


NOTES AND SPECIFICATIONS

ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SANS STANDARD. ALL DIMENSIONS ARE IN mm (UNLESS

DO NOT SCALE FROM THESE DRAWINGS.

OTHERWISE SPECIFIED).



ACCORDING TO NOTE 9 OF THE ABOVE NOTES AND TO THE DRAWING

DATE

DATE

DATE

DATE

IGNATURE

ONSULTANT DRAWING NUMBER:

Prof. Reg. No

Prof. Reg. No

DIRECTOR: INFRASTRUCTURE PROVISION

DIRECTOR: WASTE WATER TREATMENT

**SERVICES INFRASTRUCTURE** 

DEPARTMENT

WATER AND SANITATION DIVISION

SIGNATURE

SIGNATURE

SIGNATURE

NOTES AND SPECIFICATIONS GENERAL

1. ALL MATERIAL AND WORKMANSHIP MUST

COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SANS STANDARD. . ALL DIMENSIONS ARE IN mm (UNLESS OTHERWISE SPECIFIED).

DO NOT SCALE FROM THESE DRAWINGS. . ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.

ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL

ENGINEERING WORKS, THIRD EDITION 2005 AND THE STANDARD COT DETAIL DRAWINGS.
THIS DRAWING MUST BE READ IN

CONJUNCTION WITH THE STANDARD DRAWINGS.(IF APPLICABLE). THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE STANDARD

SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, SERIES 4. THE SIGNATURE OR INITIALS ON THIS DRAWING, OF ANY DIRECTOR OF THE WATER AND SANITATION DEPARTMENT, IN NO WAY, REMOVES ANY RESPONSIBILITY

WHATSOEVER FROM THE CONSULTANT. THE CONSULTANT REMAINS RESPONSIBLE TO ENSURE THAT ALL THE GUIDELINES, STANDARD DRAWINGS, STANDARDS AND SPECIFICATIONS OF THE WATER AND SANITATION DEPARTMENT HAVE BEEN MET AND ARE COMPLIED

10. FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE.

PARTICULAR:

1. CONCRETE USED IN CONSTRUCTION OF THE STRUCTURE TO BE CLASS 30/19 MPa CONCRETE SURFACE FINISH SHALL BE STEEL-FLOATED FINISH ON TOP OF ROOF SLAB AND WALLS OFF-SHUTTER, BASE

FINISHED WITH STRAIGHT EDGE AND SCREED WITH STEEL FLOAT FINISH. SCREED: 1 CEMENT CEM 1:5 RIVER SAND I. DEGREE OF ACCURACY FOR PRECAST PLANKS TO BE I AND ALL OTHER II OF

SANS 1200G WHERE HIGH WATER TABLE IS ENCOUNTERED, 3 COATS OF A HEAVY WATERPROOFING COMPOUND SUCH AS ABE SUPER LAYKOLD SHALL BE APPLIED TO EXTERIOIR WALLS

**CONSTRUCTION PROCEDURE** 

CLEAR SITE, EXCAVATE TO REQUIRED DEPTH AND CONSTRUCT 75mm THK CLASS 15/19 MPa

BLINDING LAYER 2. FIX FLOOR SLAB & WALL STARTER BARS AND CAST FLOOR SLAB B. FIX WALL REINFORCEMENT BEFORE CASTING

4. PLACE FORM WORK FOR FIXED ROOF PANELS, FIX STEEL AND CAST CONCRETE 5. CURE ALL CONCRETE FOR 5 DAYS

CONSTRUCTION MANAGEMENT

AND USE OF DRAWINGS: THE COUNCIL SHALL APPOINT OR PROVIDE AN APPROPRIATELY QUALIFIED AND

EXPERIENCED FOREMAN, TO MANAGE AND SUPERVISE THE CONSTRUCTION OF THE RESERVOIR SHOWN ON THESE CONSTRUCTION DRAWINGS. THE FOREMAN SHALL STUDY, INTERPRET AND APPLY THE DETAILS AND INSTRUCTIONS

SAME TIME SUPERVISE THE CONSTRUCTION OF THE WORKS ON A DAILY BASIS. NO DEVIATION FROM THE DRAWINGS DETAILS AND INSTRUCTIONS ARE PERMITTED.

SHOULD THE FOREMAN HAVE QUESTIONS ABOUT THE DRAWINGS OR CONSTRUCTION, HE SHOULD CONTACT THE COUNCIL'S ENGINEER IN CHARGE OF THE PROJECT. CONSTRUCTION MONITORING:

AS THE CONSULTING ENGINEER HAS NOT BEEN APPOINTED TO PERFORM THE CONSTRUCTION MONITORING DUTIES, HE CANNOT TAKE ANY RESPONSABILITY FOR THE SUCCESSFUL AND CORRECT EXECUTION OF THE WORKS ACCORDING TO THE CONSTRUCTION DRAWINGS. THE FULL RESPONSABILITY FOR SUPERVISING

THE EXECUTION OF THE WORKS LIES WITH THE FOREMAN OF THE PROJECT. DESIGN CRITERIA:

SOIL DENSITY =

SOIL K-ACTIVE = 0,4 MAX. WATER TABLE = 1,0 BELOW NGL.

VEHICLE ON ROOF ≤ 4500kg GVM i.e 6 kPa LL OR 2 x 14kN PL 1,0m APART

SAFE BEARING PRESSURE OF GROUND ≥ 100kPa

ON BOTH SIDES

PEDESTAL REINFORCEMENT: THE STRUCTURE TO BE CLASS 30/19 MPa SCREED: 1 CEMENT CEM 1:5 RIVER SAND ARMORING TO BE USED: REBARS Y12-200

PROJECT STATUS

(6.0m L x 5.0m W x 3.5m H)

SCALE:

as shown

2025-06-10

WBS No.

COT DRAWING NUMBER:

Prof Reg No: \_

DESIGN OFFICE APPROVAL

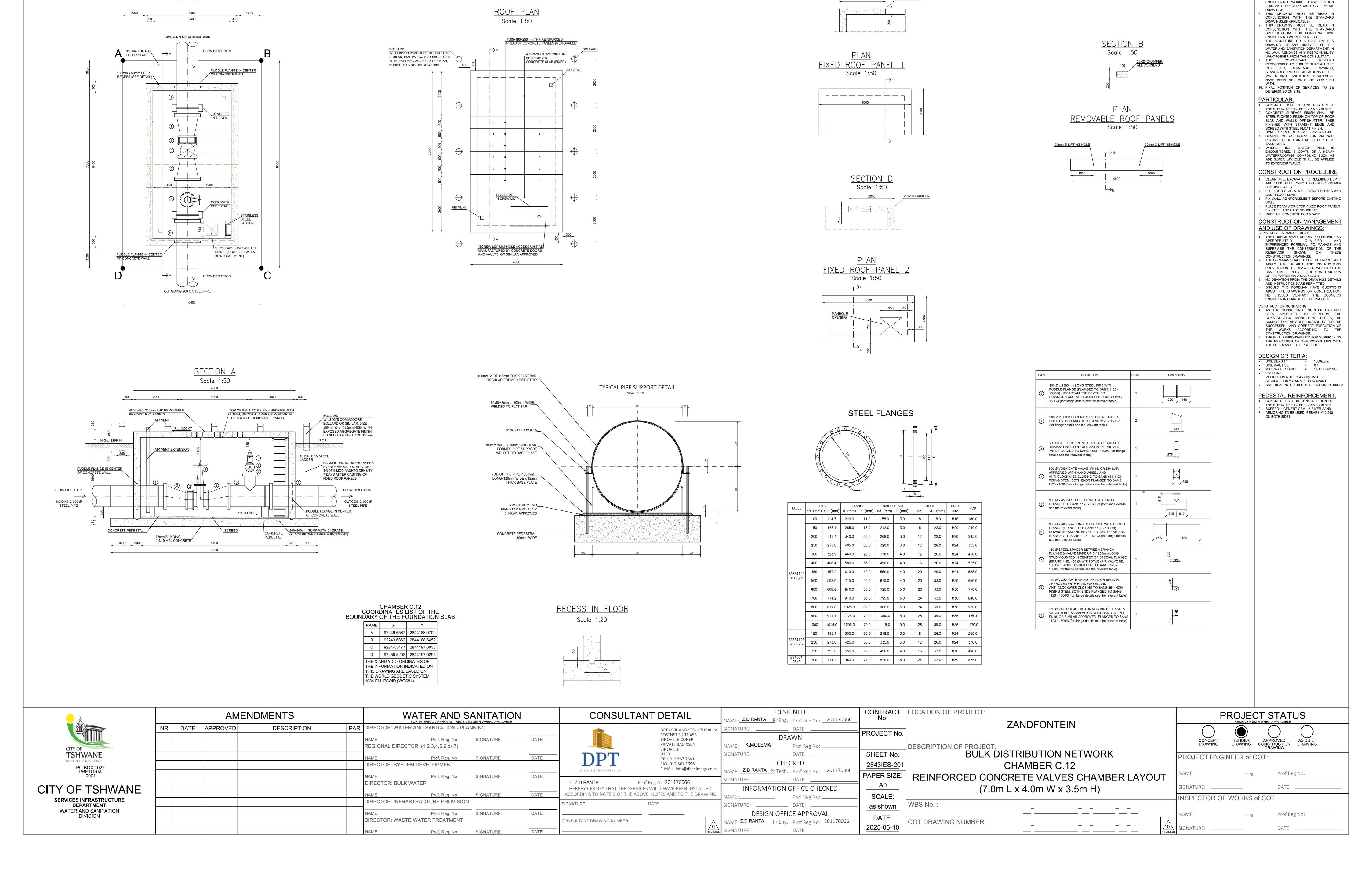
NAME: Z.D RANTA Pr Eng. Prof Reg No: 201170066

SIGNATURE: \_\_\_\_\_ DATE:

PROJECT ENGINEER of COT Prof Reg No: \_\_\_\_\_ DATE: \_\_\_\_\_ NSPECTOR OF WORKS of COT: Prof Reg No: \_\_\_\_\_

DATE: \_\_\_\_\_

SIGNATURE:



FLOOR PLAN
Scale 1:50

NOTES AND SPECIFICATIONS

GENERAL

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B. DO NOT SCALE FROM THESE DRAWINGS.

I. ALL DIMENSIONS MUST BE CHECKED AND

ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL

OTHERWISE SPECIFIED).

APPROVED ON SITE.

