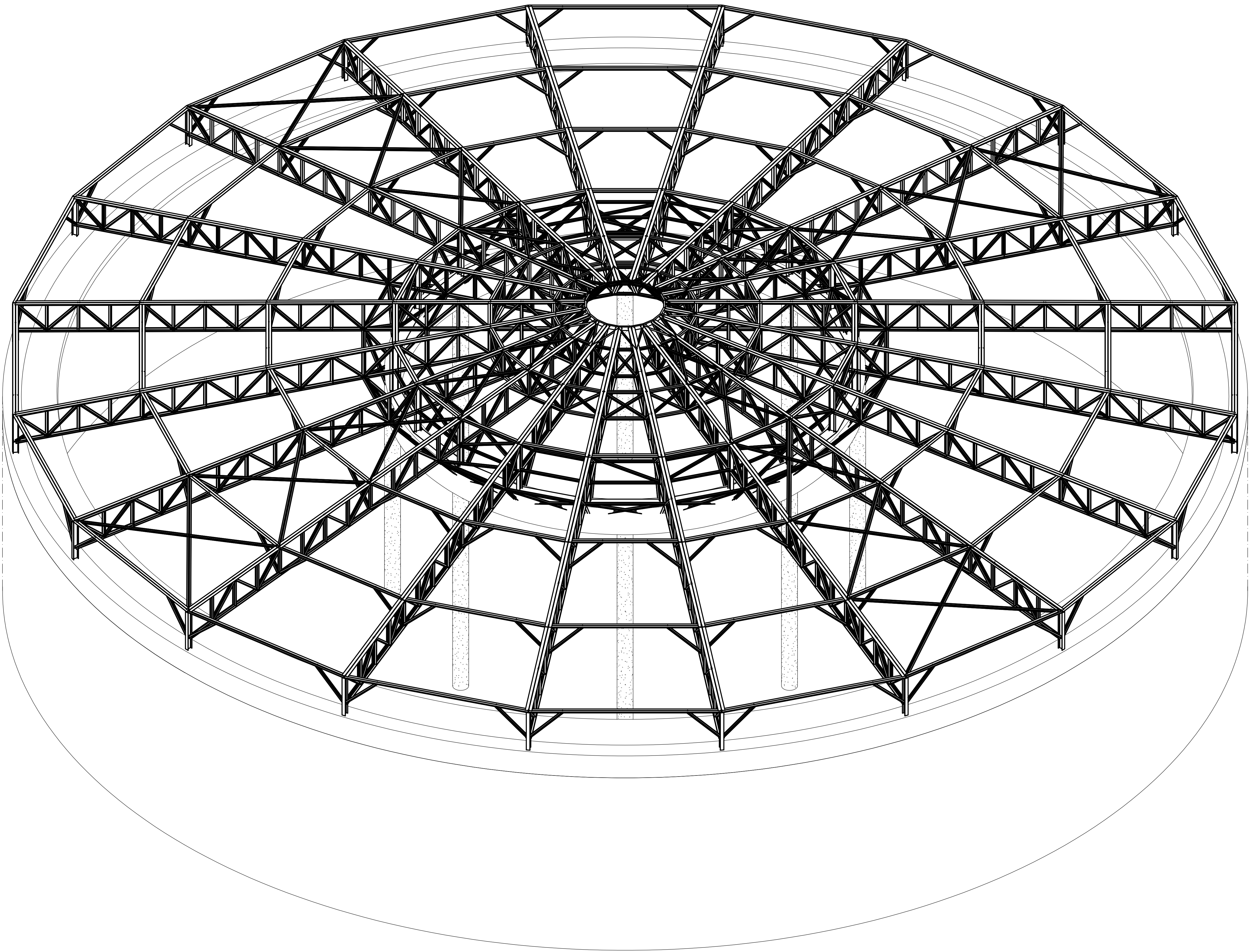
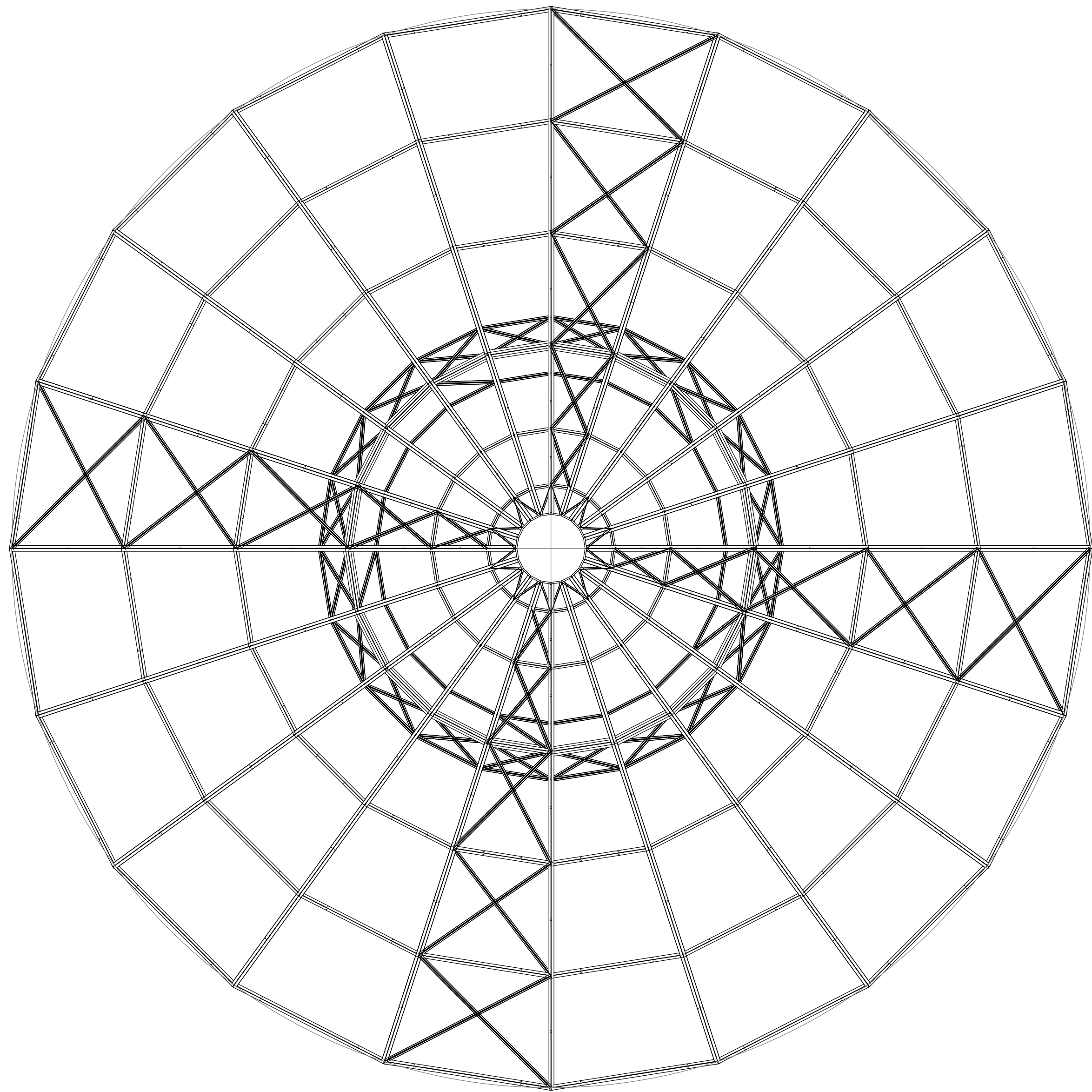
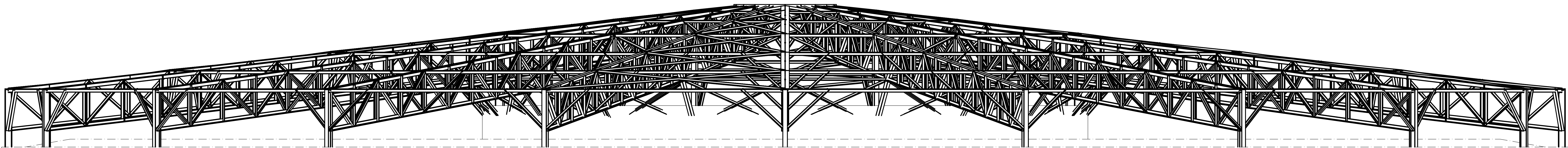




RESERVOIR ISOMETRIC VIEW
SCALE 1:75



RESERVOIR ROOF STEELWORK LAYOUT
SCALE 1:150



ELEVATION LAYOUT
SCALE 1:50

Section Type	Weight (kg)
UB 203x133x30	3021,8
2 x AE 120x120x10 (b2b)	18132,4
2x AE 90x90x8 (b2b)	9639,3
2 x AE 80x80x10 (b2b)	20479,3
2 x AE 100x100x8 (b2b)	11093,1
2 x AE 70x70x6 (b2b)	14366,5
2 x AE 100x100x10 (b2b)	14172,5
AE 70x70x8	259,8
CDIN 160x65x19	203,4
Plates Allowance:	10939,8
Bolt Allowance:	9136,8



CITY OF TSHWANE
WATER AND SANITATION
BUSINESS UNIT

AMENDMENTS				
NR	DATE	APPROVED	DESCRIPTION	PAR
A	29/10/2025		ISSUED FOR TENDER ONLY	

WATER AND SANITATION				
DIRECTOR: W&S INFRASTRUCTURE PLANNING AND SYSTEM DEVELOPMENT				
NAME	Prof. Reg. No	SIGNATURE	DATE	
REGIONAL DIRECTOR: (1,2,3,4,5,6 or 7)				
NAME	Prof. Reg. No	SIGNATURE	DATE	
DIRECTOR: WATER CONSERVATION AND WATER DEMAND MANAGEMENT				
NAME	Prof. Reg. No	SIGNATURE	DATE	
DIRECTOR: BULK WATER				
NAME	Prof. Reg. No	SIGNATURE	DATE	
DIRECTOR: INFRASTRUCTURE PROVISION				
NAME	Prof. Reg. No	SIGNATURE	DATE	
DIRECTOR: WASTE WATER TREATMENT				
NAME	Prof. Reg. No	SIGNATURE	DATE	

CONSULTANT DETAIL	
PROJECT MANAGERS & ENGINEERS 144 Mark Street Vryheid P.O. Box 1460 Vryheid 3100 Tel: 034 980 7242 Fax: 034 953 2765 Email: info@dlveng.co.za	
I, Prof Reg Nr HEREBY CERTIFY THAT THE SERVICES WILL HAVE BEEN INSTALLED ACCORDING TO NOTE 9 OF THE ABOVE NOTES AND TO THE DRAWING	
SIGNATURE	DATE
CONSULTANT DRAWING NUMBER:	

DESIGNED	
NAME:	Pr Eng. Prof Reg No:
SIGNATURE:	DATE:
DRAWN	
NAME:	Pr Eng. Prof Reg No:
SIGNATURE:	DATE:
CHECKED	
NAME:	Pr Eng. Prof Reg No:
SIGNATURE:	DATE:
INFORMATION OFFICE CHECKED	
NAME:	Pr Eng. Prof Reg No:
SIGNATURE:	DATE:
DESIGN OFFICE APPROVAL	
NAME:	Pr Eng. Prof Reg No:
SIGNATURE:	DATE:

CONTRACT No:
PROJECT No.
SHEET No.
PAPER SIZE: A0
SCALE:
DATE:

PROJECT STATUS	
CONCEPT DRAWING TENDER DRAWING APPROVED CONSTRUCTION DRAWING AS BUILT DRAWING	
PROJECT ENGINEER OF COT:	
NAME:	Pr Eng. Prof Reg No:
SIGNATURE:	DATE:
INSPECTOR OF WORKS of COT:	
NAME:	Pr Eng. Prof Reg No:
SIGNATURE:	DATE:

LOCATION OF PROJECT:	
DESCRIPTION OF PROJECT:	
TENDER FOR REFURBISHMENT OF TWO MAGALIES RESERVOIR	
ROOF STEEL LAYOUT & DETAILS	
WBS No. :	
COT DRAWING NUMBER:	V56-02-02-001-204-T-A