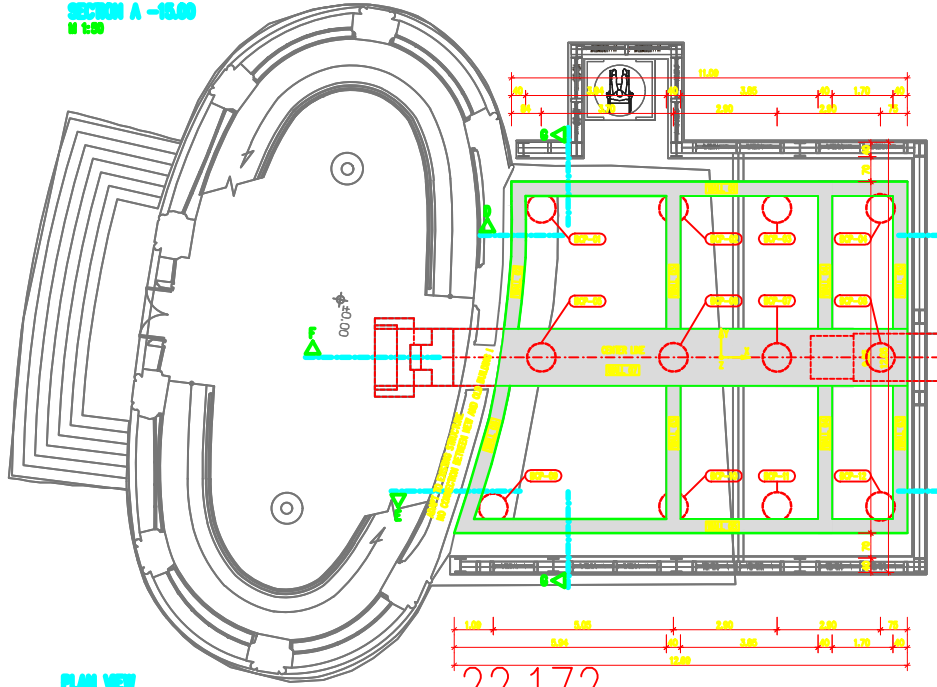
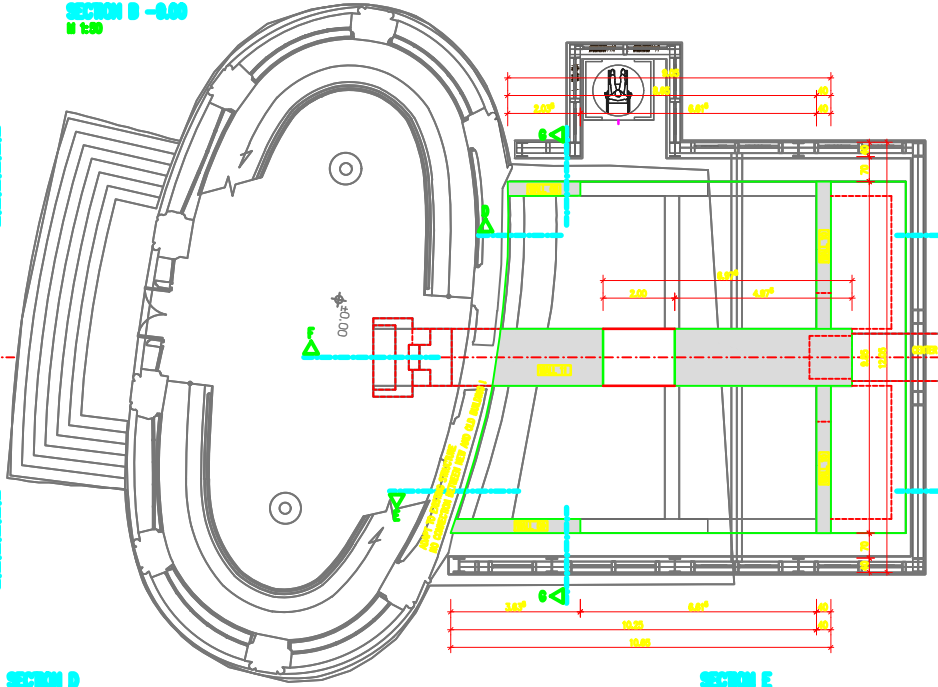


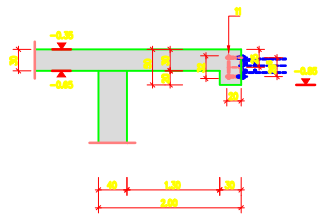
PLAN VIEW
SECTION A -15.00
1:50



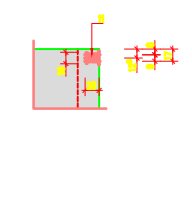
PLAN VIEW
SECTION B -0.00
1:50



DETAIL 1
1:25
SECTION



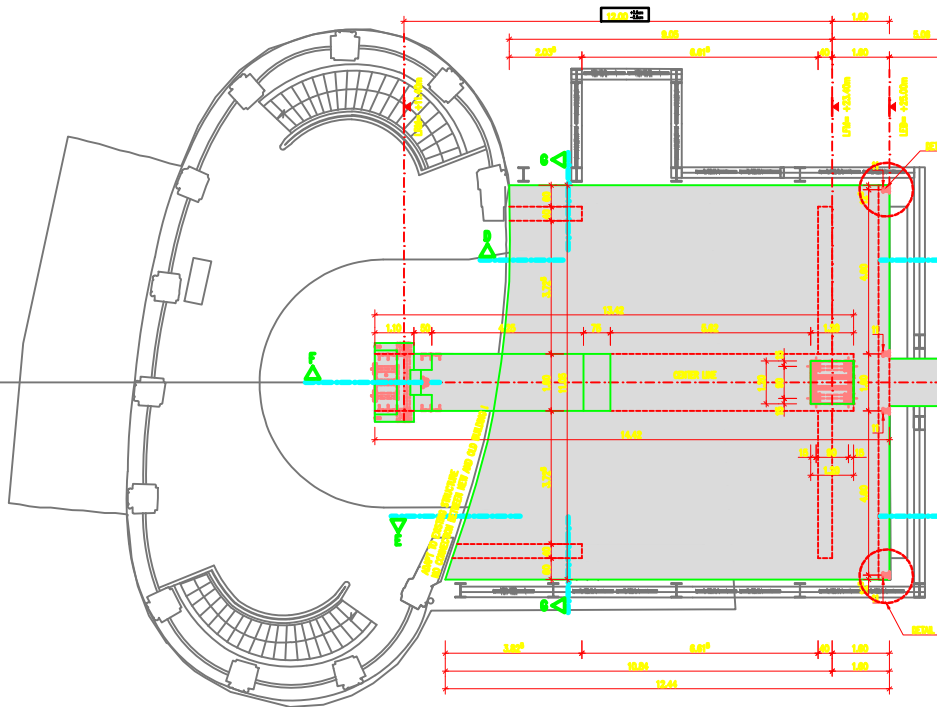
DETAIL 1
1:25
PLAN VIEW



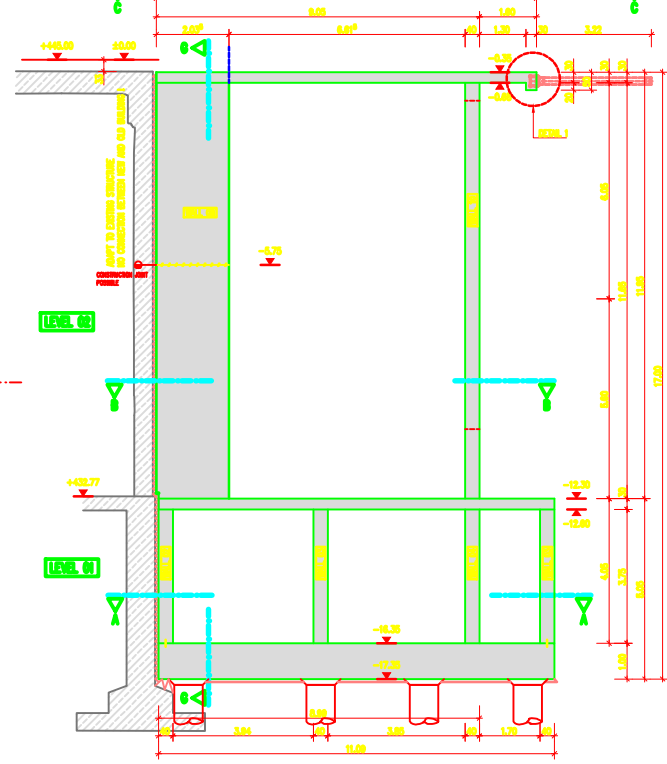
CHARACTERISTIC LOADS ON BORED CONCRETE PILES	
(CONSIDER PERMANENT, SHORTLY FACTOR)	
REGULAR LOAD CASES	
max R ₀ = 20000 (PERMANENT)	75.00 kN
max R ₀ = 12000 (TRANSIENT)	45.00 kN
max R ₀ = 8000 (TRANSIENT)	30.00 kN
SEISMIC LOAD CASES	
max R ₀ = 27000 (PERMANENT)	82.50 kN
max R ₀ = 16000 (TRANSIENT)	50.00 kN
max R ₀ = 10000 (TRANSIENT)	33.33 kN
TOTAL	
	888.40 kN

CONCRETE VOLUME	
FOUNDATION	114.00 m ³
LEVEL 01 WALLS (0.00/0.00/0.00)	75.00 m ³
LEVEL 01 WALL 07	54.50 m ³
LEVEL 02 WALL 08	8.50 m ³
LEVEL 02 WALL 09	16.50 m ³
LEVEL 02 WALL 10	21.75 m ³
LEVEL 02 WALL 11	177.00 m ³
CEILING (-0.20)	38.20 m ³
LEVEL 03 REAR WAST	93.00 m ³
LEVEL 03 FRONT WAST	4.75 m ³
TOWER 01	11.50 m ³
TOTAL	
	686.40 m ³

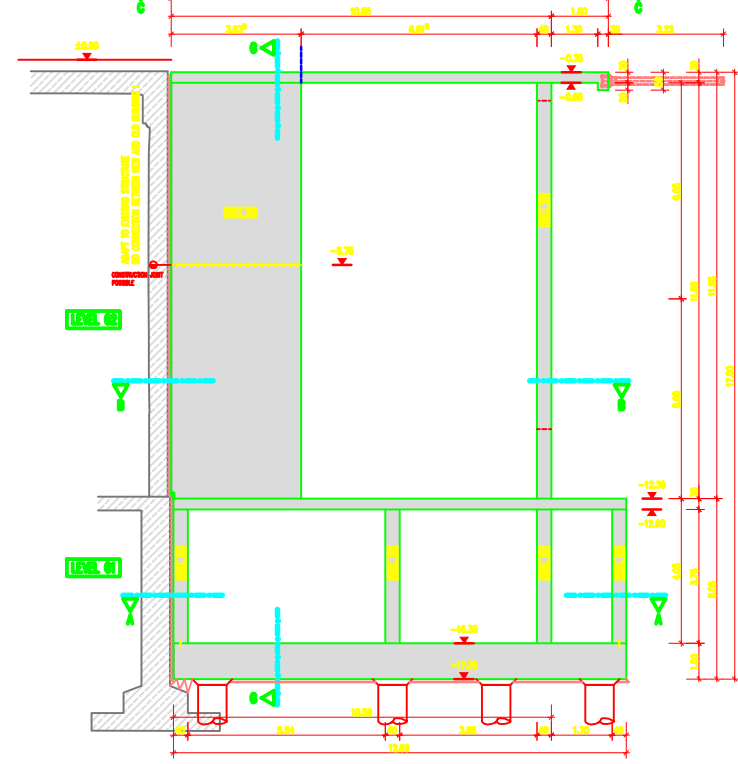
PLAN VIEW
SECTION C -+4.00
1:50



SECTION D
1:50



SECTION E
1:50



ATTENTION:

PAY ATTENTION TO THE GEOLOGICAL SURVEY

REFERRING TO THE STRUCT. ANALYSIS, THE EARTH SHAKING OF THE FOUNDATION MUST BE PERFORMED AS SHOWN IN THE DRAWING

BEFORE EXECUTION CONSTRUCTION OF THE CONCRETE STRUCTURE, A GEOLOGIST HAS TO CHECK THE SOIL CONDITIONS. CHANGE NON-LOAD-SUFFICIENT SOIL INTO LOAD BEARING SOIL.

BORED CONCRETE PILES:

THE DIMENSIONING OF THE BORED CONCRETE PILES HAVE TO BE DONE BY A LOCAL GEOTECHNICAL EXPERT.

ATTENTION:

IN THE CONSTRUCTION OF THE FOUNDATION, THE CONSTRUCTION OF A CONCRETE DAMP SLAB HAS TO BE DONE. (CONSIDER PERMANENT, SHORTLY FACTOR)

MINIMUM DIMENSION OF CONCRETE DAMP SLAB: 100x100 (SEE GEOTECHNICAL REPORT)

MINIMUM DIMENSION OF CONCRETE DAMP SLAB: 100x100 (SEE GEOTECHNICAL REPORT)

MINIMUM DIMENSION OF CONCRETE DAMP SLAB: 100x100 (SEE GEOTECHNICAL REPORT)

IN ORDER TO IMPROVE THE BORED CONCRETE FOUNDATION DIMENSION OF THE BORED PILES, A PROFESSIONAL DIMENSIONING OF THE FOUNDATION MUST BE PERFORMED BY A COMPETENT AUTHORITY (SEE GEOTECHNICAL REPORT, FOUNDATION DESIGN, ETC.).

DIMENSIONS IN (mm, m)

(3.00 = 3000mm (LEVEL OF LAYOUT))

THIS DRAWING IS ONLY VALID IN CONNECTION WITH LAYOUT DRAWING NO. 16057/01-10 (ZTB NESSLER)

- MAX. OCCURRING SOIL PRESSURE: BORED CONCRETE PILES
- INADEQUATE SOIL CONDITIONS REQUIRE MODIFICATION BY ENGINEER
- DIMENSIONS TO BE CHECKED
- USE CHAMBERS FOR ALL CONCRETE EDGES ABOVE GROUND

CONCRETE:

- MIN. CURE STRENGTH 28 DAYS: C25/30 N/mm²
- FROST RESISTENT, MAX. PELLET SIZE: 30mm (SHAFT 22mm)

STEEL:

- REBARS, YIELD STRENGTH: 420 N/mm² - ST II
- CONCRETE COVER TO RE-BARS: FOUNDATION: 5.0cm; SHAFT: 4.0cm

TOLERANCES:

- HORIZ. LENGTH: ± 2.0 cm
- FOUNDATION LEVELS: ± 1.0 cm
- SURVEYED AXIS: ± 1.0 cm

REVISIONS	
NO.	DESCRIPTION
1	Initial design
2	Final design
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4	Final design
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