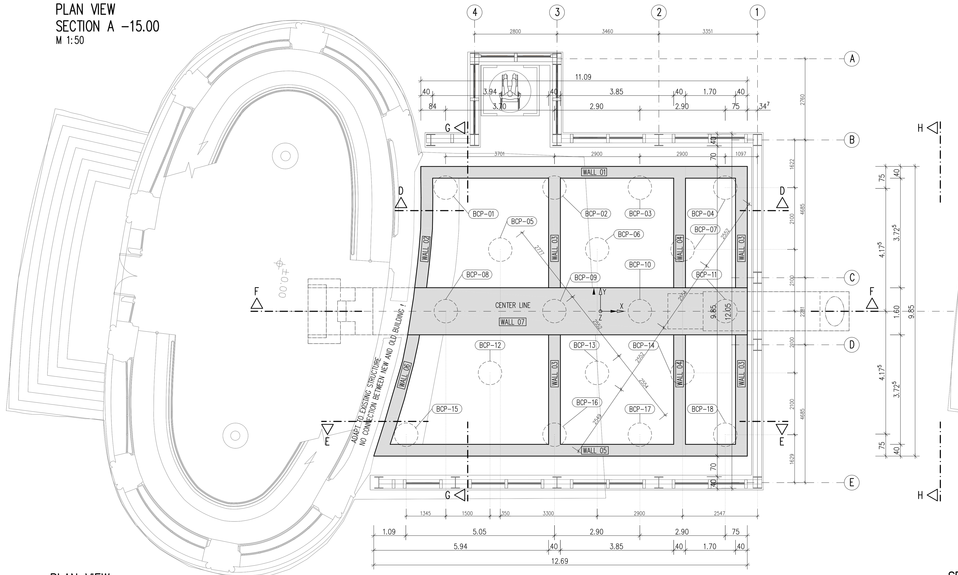
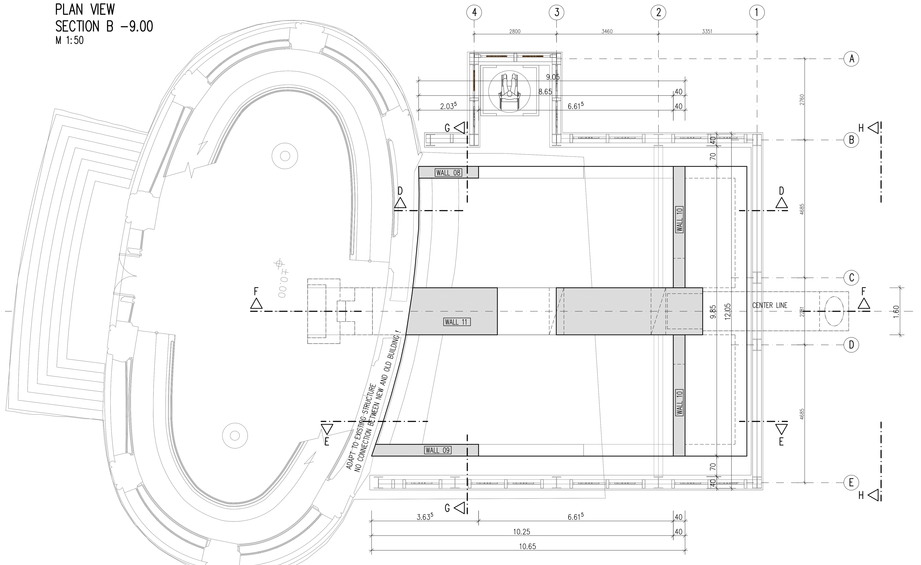
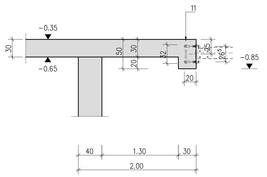
PLAN VIEW
SECTION A −15.00
M 1:50



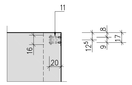
PLAN VIEW
SECTION B −9.00
M 1:50



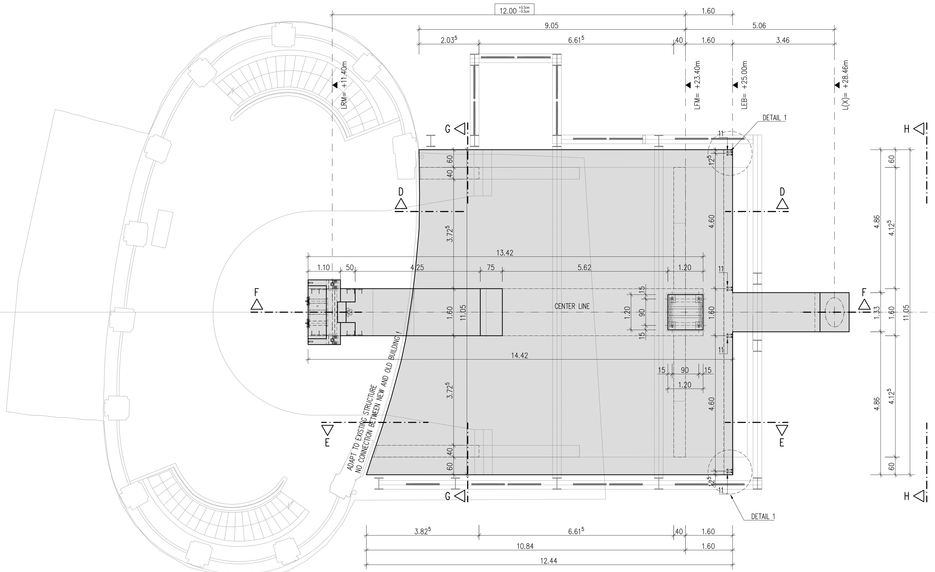
DETAIL 1
M 1:25
SECTION



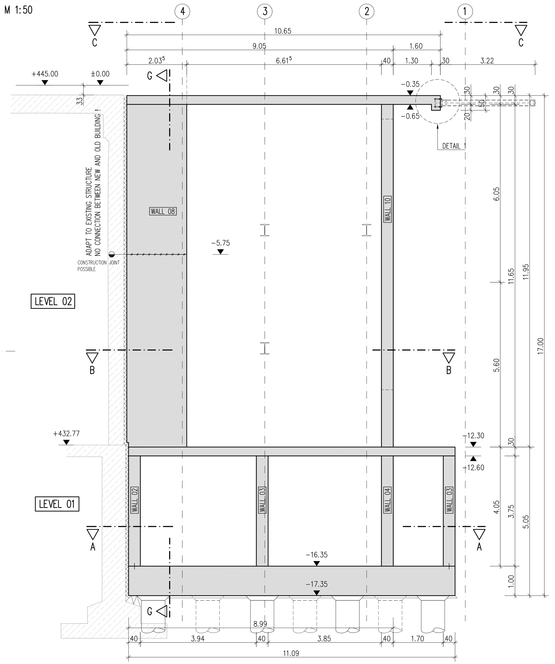
DETAIL 1
M 1:25
PLAN VIEW



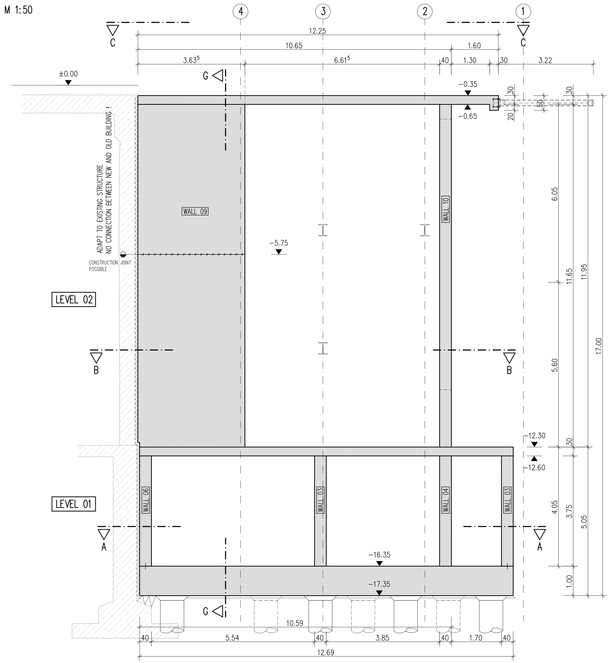
PLAN VIEW
SECTION C +4.00
M 1:50



SECTION D
M 1:50



SECTION E
M 1:50



CONCRETE VOLUME:

FOUNDATION	114.00 m3
LEVEL 01 WALLS 01,02,03,04,05,06	75.00 m3
LEVEL 01 WALL 07	68.50 m3
SLAB (−12.30)	34.25 m3
LEVEL 02 WALL 08	9.50 m3
LEVEL 02 WALL 09	16.95 m3
LEVEL 02 WALL 10	21.75 m3
LEVEL 02 WALL 11	177.80 m3
CEILING (−0.35)	38.20 m3
LEVEL 03 REAR MAST	93.80 m3
LEVEL 03 FRONT MAST	4.75 m3
TOWER 01	11.90 m3
TOTAL	666.40 m3

BORED CONCRETE PILES:

POSITIONING AND DIMENSIONING ACCORDING TO THE DESIGN OF THE LOCAL GEOTECHNICAL EXPERT.

ATTENTION:

PAY ATTENTION TO THE GEOLOGICAL SURVEY

REFERRING TO THE STATICAL ANALYSIS, THE EARTH SURCHARGE OF THE FOUNDATIONS 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 DIMENSIONING OF THE FOUNDATION,
THE CONSTRUCTION OF A CONCRETE BASE SLAB WAS ASSUMED.
MINIMUM MODULUS OF SUBGRADE REACTION ...kN/m3 (SEE GEOTECHNICAL REPORT)
THESE VALUES MUST BE RE-CONFIRMED.
WITH THOSE DIFFICULT GROUND CONDITIONS, THE AUTHORITY SUPERVISING THE WORKS MUST PROVIDE A SHARE FAILURE VERIFICATION.

IN ORDER TO IMPROVE THE GROUND CONDITIONS (PERMANENT DRAINING OF THE BEARING AREAS), A PROFESSIONAL DRAINAGE OF THE SUBSTRUCTURE OF THE FOUNDATION MUST BE DETERMINED BY A COMPETENT AUTHORITY (E.G. CIRCUMFERENTIAL DRAINAGE, PERMEABLE GRAVEL, ETC.).

DRAWING DOPPELMAYR, NESSLER

THIS DRAWING IS ONLY VALID IN CONNECTION WITH LAYOUT DRAWING NO 20093720E001101f (DOPPELMAYR) AND 16057/026/03b/04b/05b/06b/07b/08c/09b/10b (ZTB NESSLER).

DIMENSIONS IN [cm, m]
±0.00 = 445.00m (LEVEL OF LOADING)

- THIS DRAWING IS ONLY VALID IN CONNECTION WITH LAYOUT DRAWING NO.: 20093720E001101f (DOPPELMAYR) 16057/01-10 (ZTB NESSLER)
- MAX. OCCURRING SOIL PRESSURE: BORED CONCRETE PILES
- INADEQUATE SOIL CONDITIONS REQUIRE MODIFCATION BY ENGINEER
- DIMENSIONS TO BE CHECKED
- USE CHAMFERS FOR ALL CONCRETE EDGES ABOVE GROUND

CONCRETE
- MIN. CUBE STRENGTH 28 DAYS: C25/30 N/mm2
- FROST RESISTENT, MAX. PELLET SIZE: 32mm (SHAFT 22mm)

STEEL
- RIBBED BARS, YIELD STRENGTH: 420 N/mm2 - ST III
- 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

REVISION:	DESCRIPTION:	DRAWN:	DATE:
5	Changed position of bored concrete piles	LB	20.07.2020
4	Changed connection opening	LB	09.08.2017
3	Changed situation bottom station, bored concrete piles	LB	05.07.2017
2	Changed position of operator room, extended slab operator room	CJ	06.03.2017

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UNTERMARKT 11 A-6602 BRUTTE AUSTRIA
PHONE +43 (0)5672-62202 FAX +43 (0)5672-62202-4 EMAIL: office@nessler-st.at

PROJECT: 8-MGD MTATSMINDA PARK, TBILISI
DOPPELMAYR

PARTS: BOTTOM STATION SECTION A, B, C SECTION D, E

DRAWN: LB
CHECKED:
RELEASED:
SCALE: 1:50

TYPE: FORMWORK DRAWING

PLAN-NR.: 16057/01d

SIZE: 1.73x0.87m FILE: P:\2016\16057_8_...Park\MAN00267_16057-01d_FW_Bottom.dwg DATE: 06.03.2017