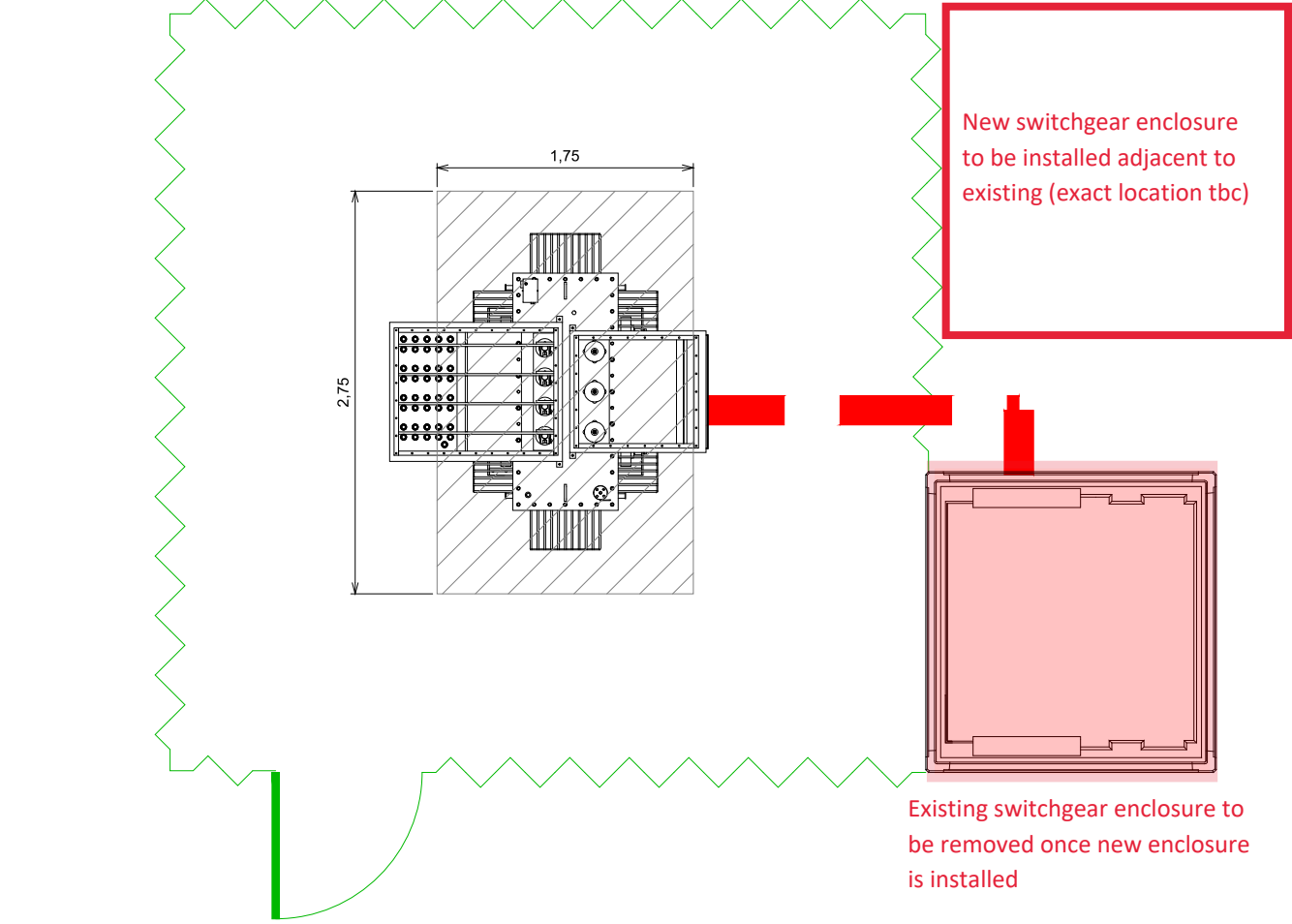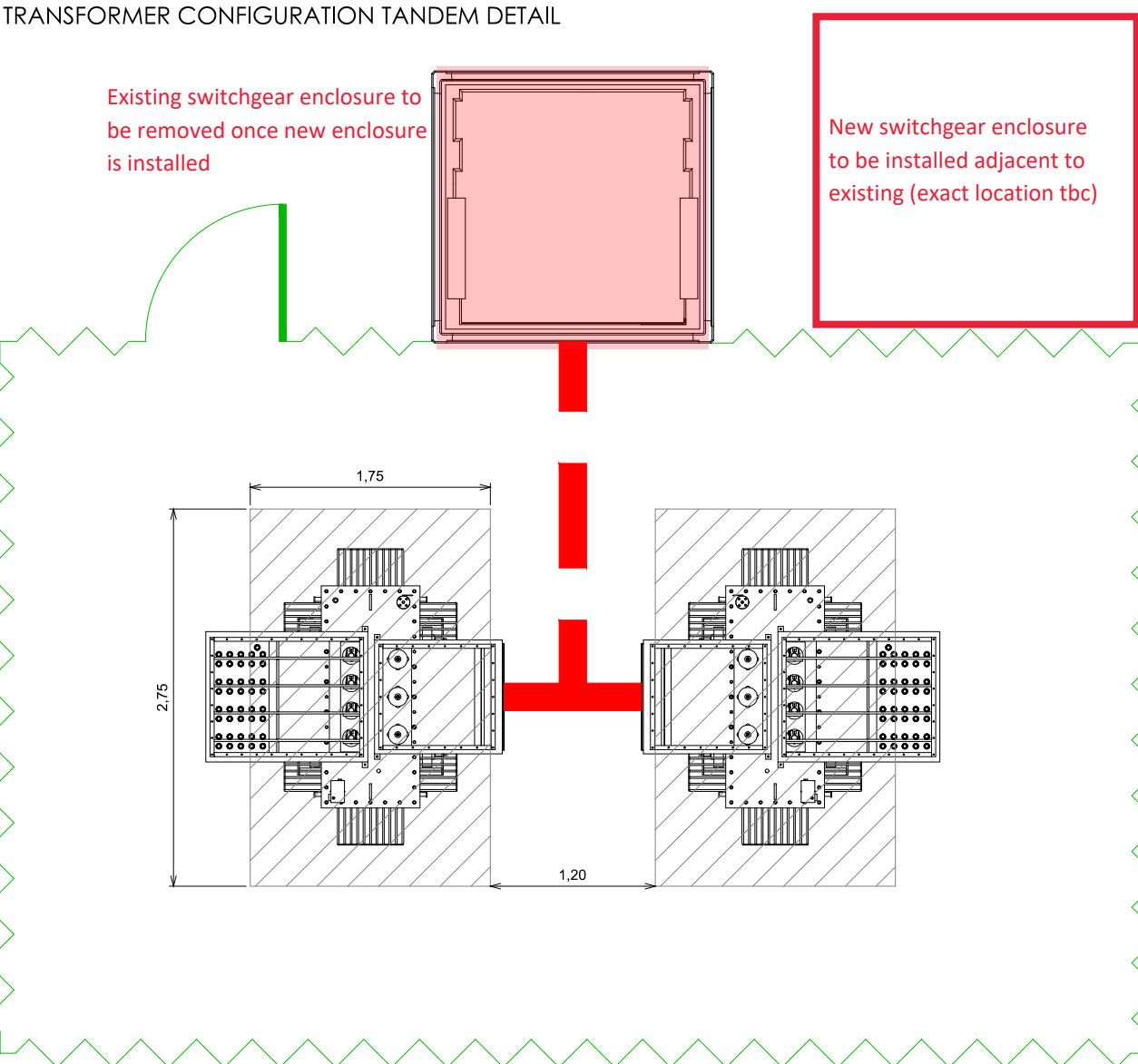# TRANSFORMER CONFIGURATION DETAIL
SCALE:1/50

New switchgear enclosure to be installed adjacent to existing (exact location tbc)

Existing switchgear enclosure to be removed once new enclosure is installed

TRANSFORMER CONFIGURATION TANDEM DETAIL

Existing switchgear enclosure to be removed once new enclosure is installed

New switchgear enclosure to be installed adjacent to existing (exact location tbc)

VIEW 3D TRANSFORMER
NTS

(with valve)
(with out valve)

Distance between exes adjustable
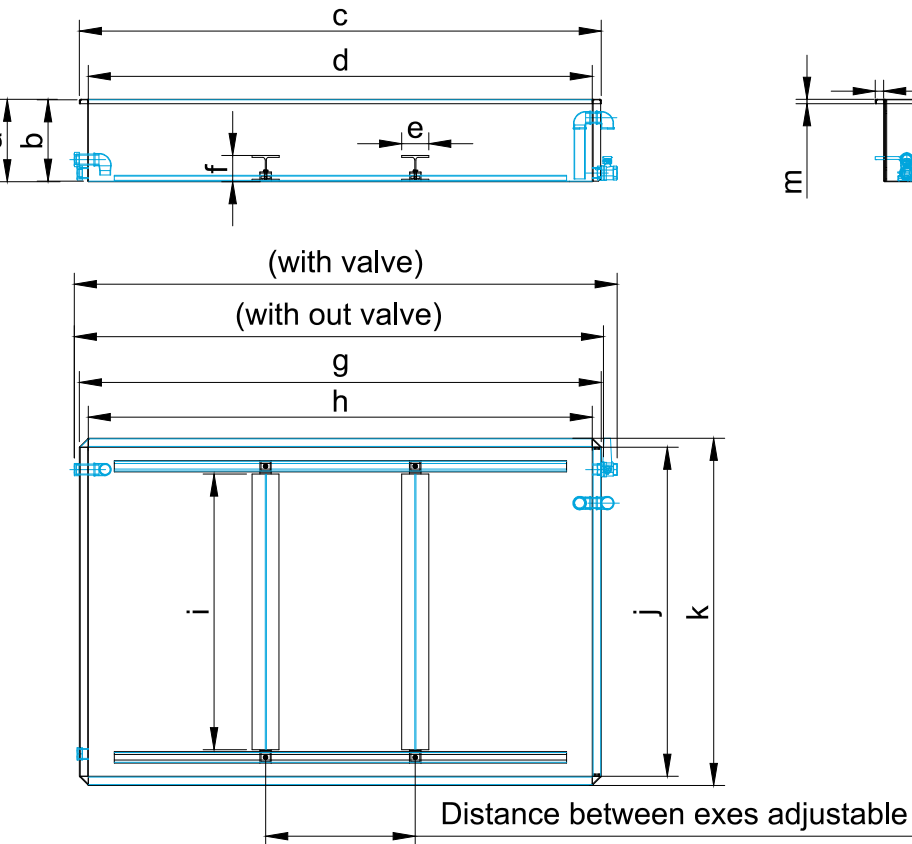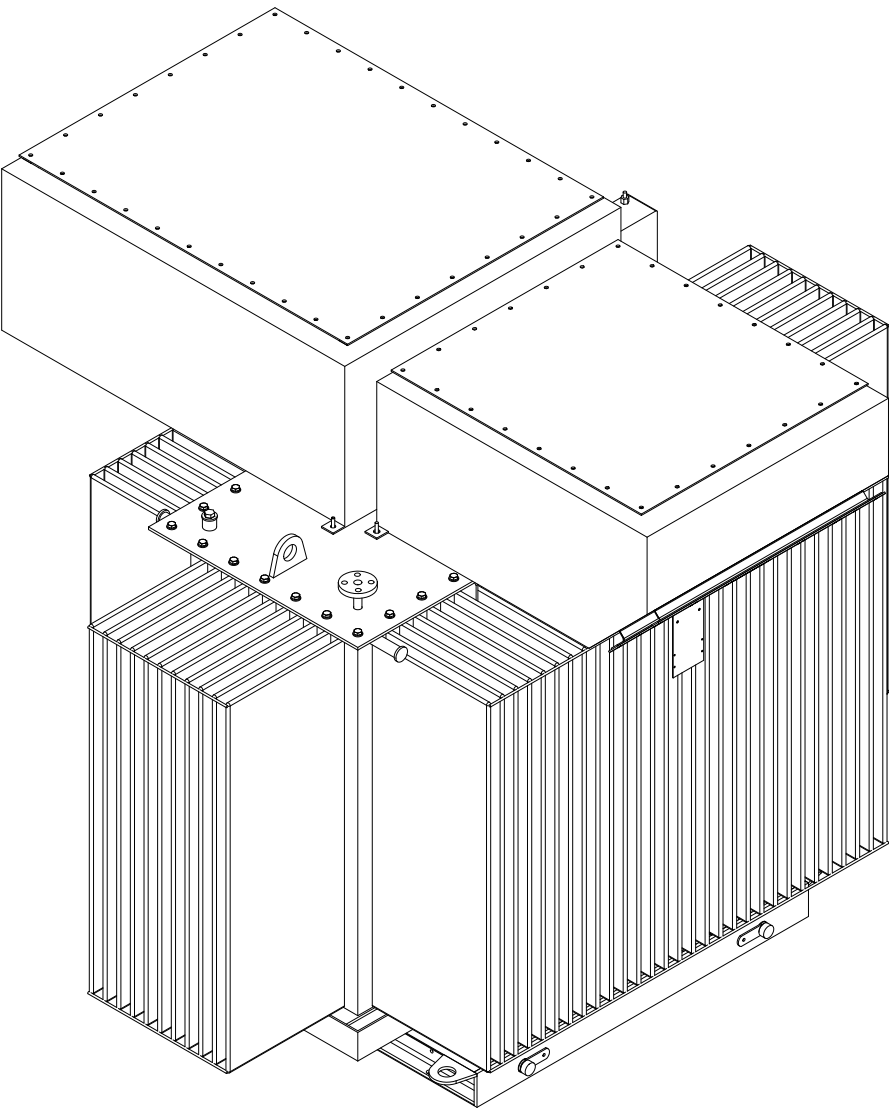
TRANSFORMER 1530 kVA RETENTION TANK

Support beans mounted over
Hole valve 1,5``
Hole siphon 1,5``
Hole filtrelec 1,5``
Hole valve 1,5``

2 brakets (60x40x5)
HEA 120 lenght 1010mm
2 - Omega beans (50x25x3) Longht 1650mm
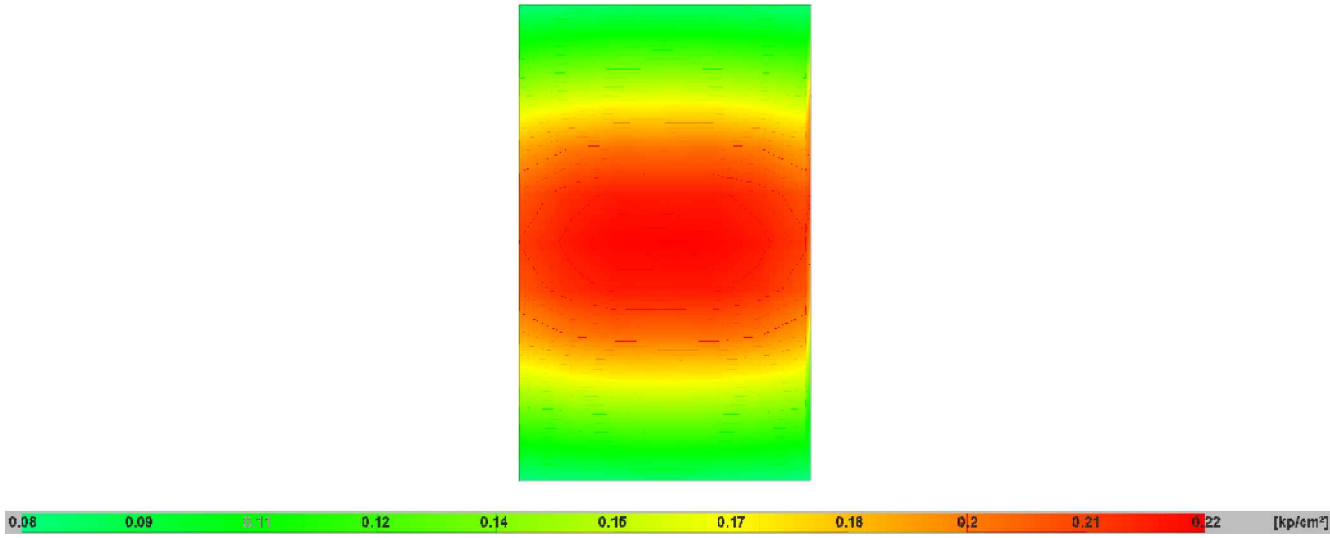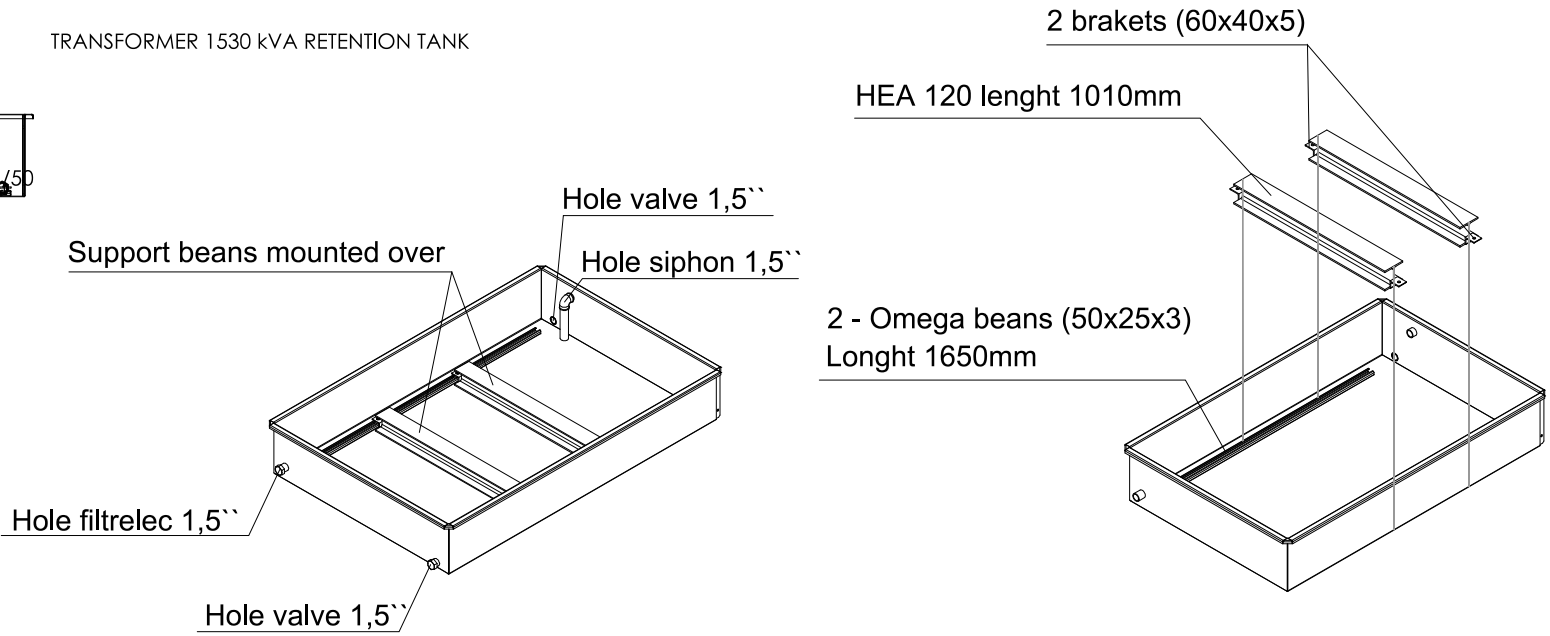
TRANSFORMER`S SIZE	a	b	c	d	e	f	g	h	i	j	k	l	m	With valve	With out valve
1530kWA	368	365	2330	2250	120	117	2330	2250	1230	1470	1550	40	20	2424	2283
1375kWA	368	365	2250	2170	120	117	2250	2170	1130	1370	1450	40	20	2344	2283
1250kWA	368	365	2250	2170	120	117	2250	2170	1130	1370	1450	40	20	2344	2283
1070kWA	368	365	2080	2000	120	117	2080	2000	1010	1250	1330	40	20	-	-
920kWA	368	365	2080	2000	120	117	2080	2000	1010	1250	1330	40	20	-	-
770kWA	368	365	2080	2000	120	117	2080	2000	1010	1250	1330	40	20	-	-
630kWA	368	365	2080	2000	120	117	2080	2000	1010	1250	1330	40	20	-	-

OUTDOOR TRANSFORMER FOUNDATION
S 1/30

Low voltage connection Cu 100x15mm

Retention tank
Reinforcement ø10
Foundation excavation
Cleaning Concrete
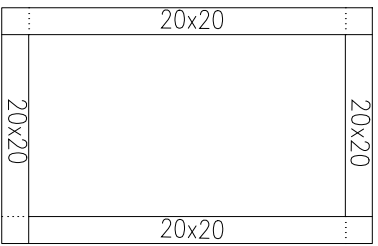Graded aggregates (20 cm)
Supports Reinforcement ≥ 5cm
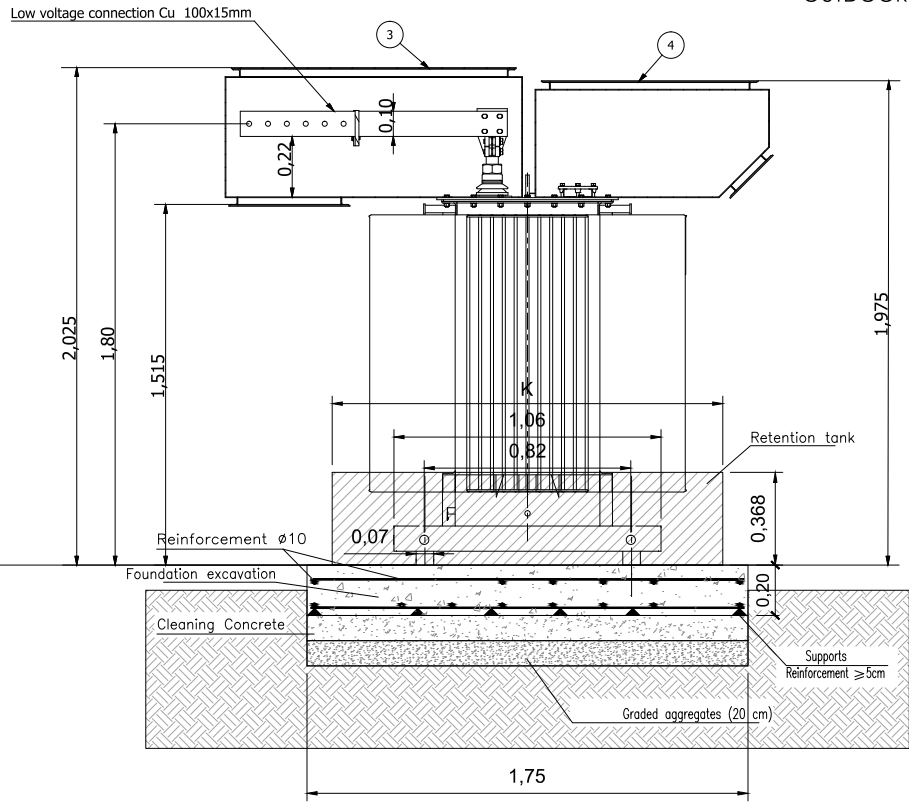
TRANSFORMER FOUNDATION

Foundation
On-site layout
Concrete: C25/30
Steels in foundation
Base rebar in foundation strip
Slabs: L1
    Upper: ø10 each 30 cm Lower: ø10 each 30 cm

Reinforcement ø10
Foundation excavation
Cleaning Concrete
Grading aggregates
Retention tank
Supports Reinforcement ≥ 5 cm
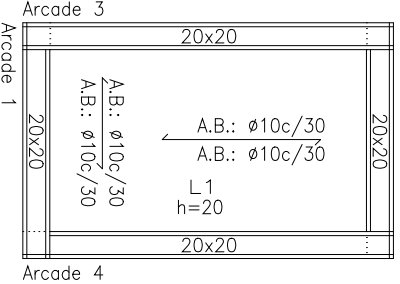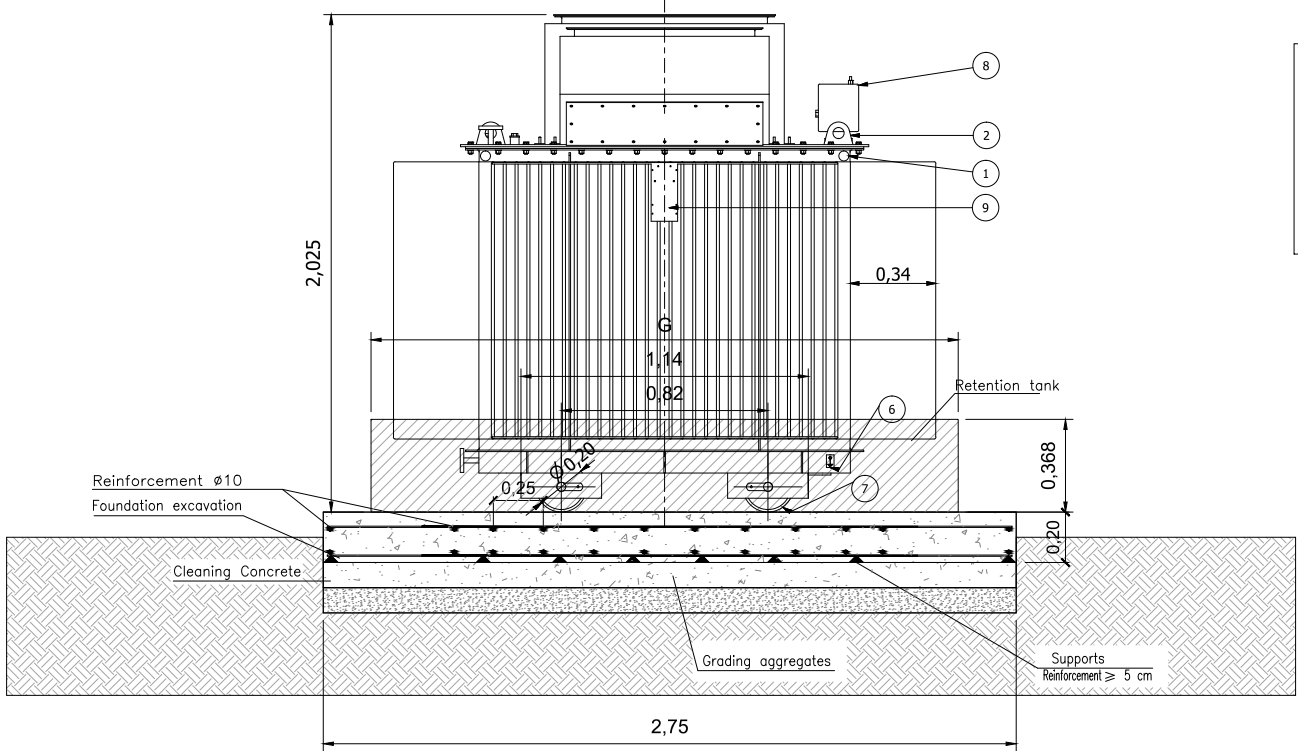
Elemento	Pos.	Diâm.	No.	Long. (cm)	Total (cm)	S-500 (kg)
Arcade 1	1	ø10	2	306	612	3.8
	2	ø10	2	306	612	3.8
	3	ø8	16	84	1344	5.3
				Total+10%		14.2
Arcade 2	4	ø10	2	305	610	3.8
	5	ø10	2	305	610	3.8
	6	ø8	16	84	1344	5.3
				Total+10%		14.2
Arcade 3	7	ø10	2	205	410	2.5
	8	ø10	2	205	410	2.5
	9	ø8	10	84	840	3.3
				Total+10%		9.1
Arcade 4	10	ø10	2	205	410	2.5
	11	ø10	2	205	410	2.5
	12	ø8	10	84	840	3.3
				Total+10%		9.1
				ø8:		18.8
				ø10:		27.8
				Total:		46.6

Arcade 3
20x20
A.B.: ø10c/30
A.B.: ø10c/30
Arcade 1
20x20
Arcade 2
20x20
A.B.: ø10c/30
A.B.: ø10c/30
L1 h=20
20x20
Arcade 4

FOUNDATION
Concrete: C25/30
Steels in foundation: S-500

20x20
20x20
20x20
20x20