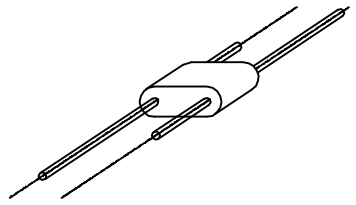
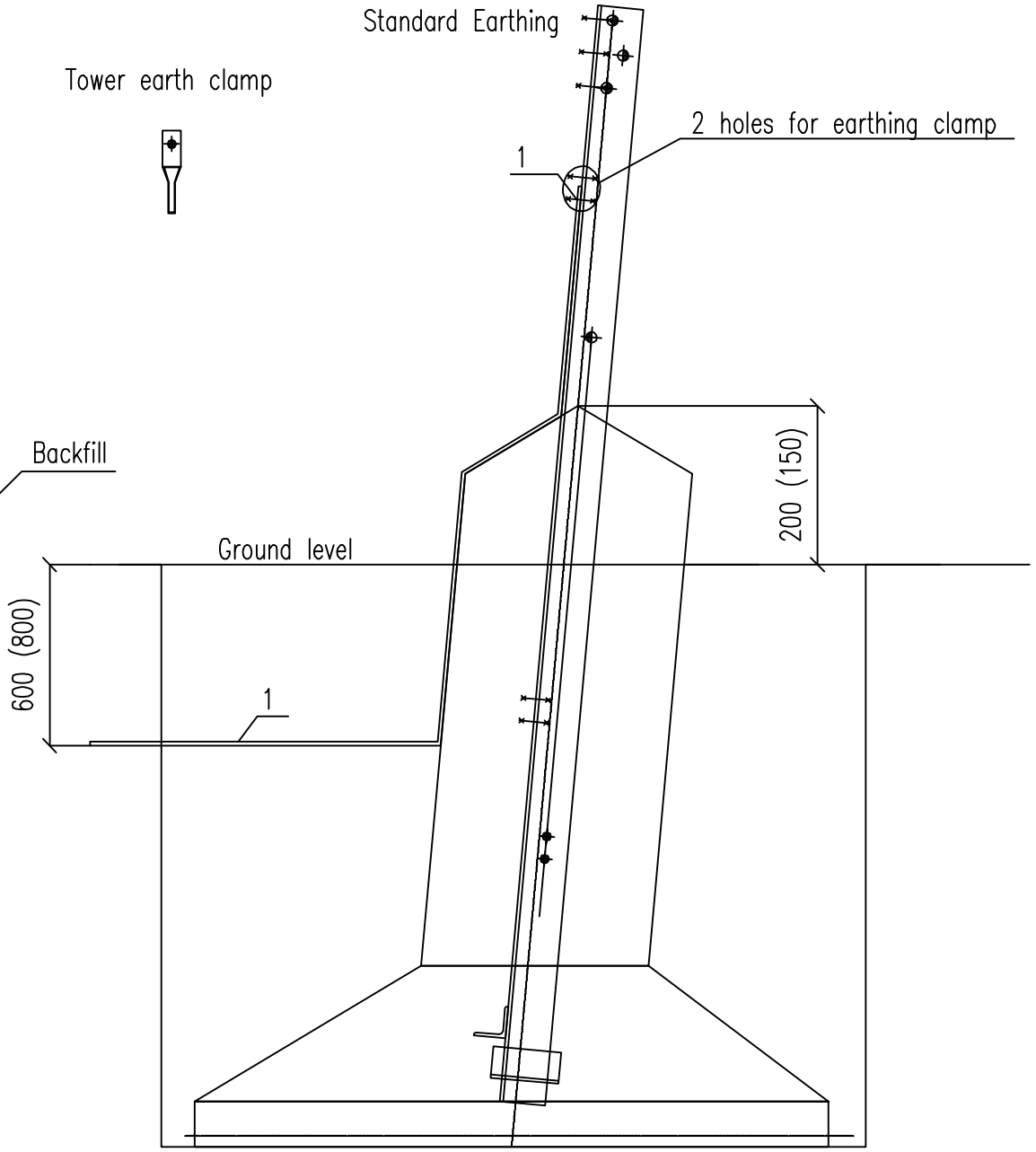
	ITEM	DESCTIPTION	QUANTITY	MATERIAL
STANDARD	1	EARTHING CONTERPOISE	2	COPPER CONDUCTOR 90 mm² - 30m
	2	TOWER EARTH CLAMP	2	
EXTENSION	3	CONDUCTOR-CONDUCTOR CLAMP	AS REQUIRED	
	4	EARTHING CONTERPOISE	AS REQUIRED	COPPER CONDUCTOR 90 mm² - 10m

Conductor–conductor clamp

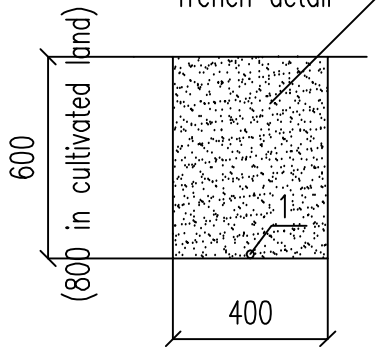


Tower earth clamp

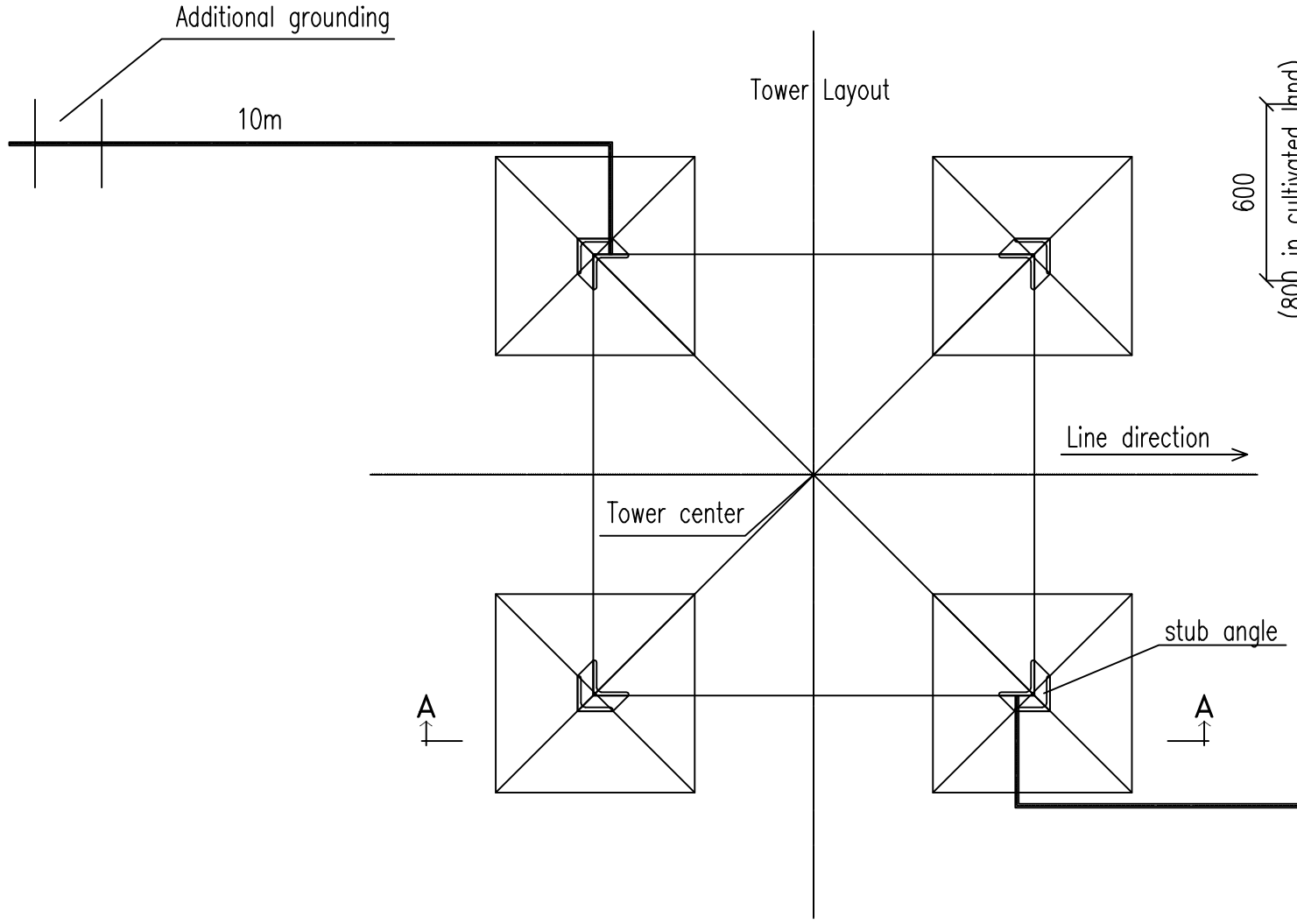
Standard Earthing



Trench detail



Tower Layout



NOTE:

THE MAXIMUM TOWER FOOTING RESISTANCE SHALL BE 10Ω.
FOOTING RESISTANCE UP TO 45Ω COULD BE ACCEPTED PROVIDED THAT A RESISTANCE NOT EXCEEDING 10Ω, DETERMINATED AT THE SAME TIME AND UNDER THE SAME CONDITIONS IS OBTAINED AT TOWER NOT MORE THAN TWO SPANS ALONG THE LINE FROM THE TOWER FOOTING UNDER CONSIDERATION.

REV.	dd/mm/yy	REVISION DESCRIPTION	DRAWN	CHECKED	APPROVED
00	15/11/13	First issue;	ST	TCES	PI

CG Holdings Belgium NV
Systems Division
Antwerpsesteenweg 167, B-2800 Mechelen
Tel. : +32(0)15/283 333 Fax : +32(0)15/283 491
www.cgglobal.com

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CLIENT:
MINISTRY OF ENERGY - REPUBLIC OF KENYA

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NANYUKI-ISIOLO-MERU ELECTRIFICATION PROJECT
EARTHING for TOWER S-L-M-H&T-HS

DRAWING No.: 100008-L0-DG-ST95