

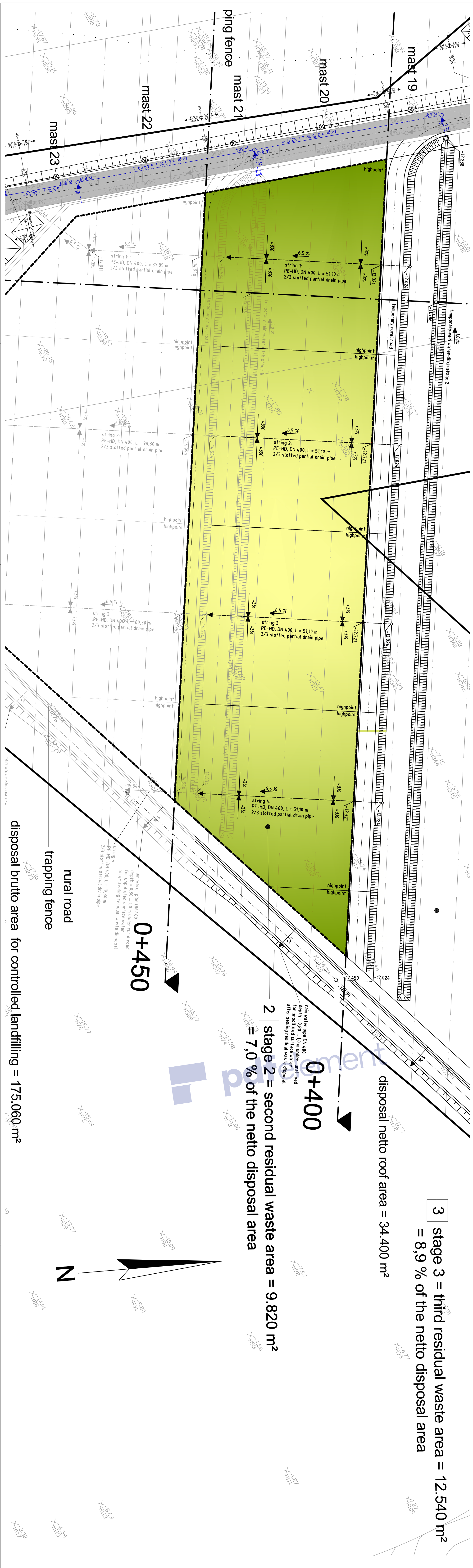
RESIDUAL WASTE DISPOSAL (CONTROLLED LANDFILL) NEAR WSRC-PLANT QUASHE
STAGE 2 - SECOND RESIDUAL WASTE AREA WITH STREETWORKS

LEGEND: stage 2 = 9.815 m² = 7,0 % of the netto area

3 stage 3 = third residual waste area = 12.540 m²
= 8,9 % of the netto disposal area

disposal netto roof area = 34.400 m²

2 stage 2 = second residual waste area = 9.820 m²
= 7,0 % of the netto disposal area



$$V = h \sqrt{3} \left(\frac{A_{\text{netto}}}{\sqrt{3}} + A_{\text{roof}} + A_{\text{roof}} \right)$$


$$V = 30 \text{ m}^3 \left(\frac{140720 \text{ m}^2}{\sqrt{3}} + \frac{1}{\sqrt{3}} \left(\frac{140720 \text{ m}^2}{\sqrt{3}} + 34400 + 34400 \right) + 34400 \text{ m}^3 \right)$$

$$V = 10 \text{ m} \left(\frac{140720 \text{ m}^2}{\sqrt{3}} + 89575 \text{ m}^2 + 34400 \text{ m}^2 \right) = 2446,950 \text{ m}^3$$

$$\text{current time} = \frac{2446,950 \text{ m}^3}{70,000 \text{ m}^3/\text{a}} = 34,95 \text{ years}$$

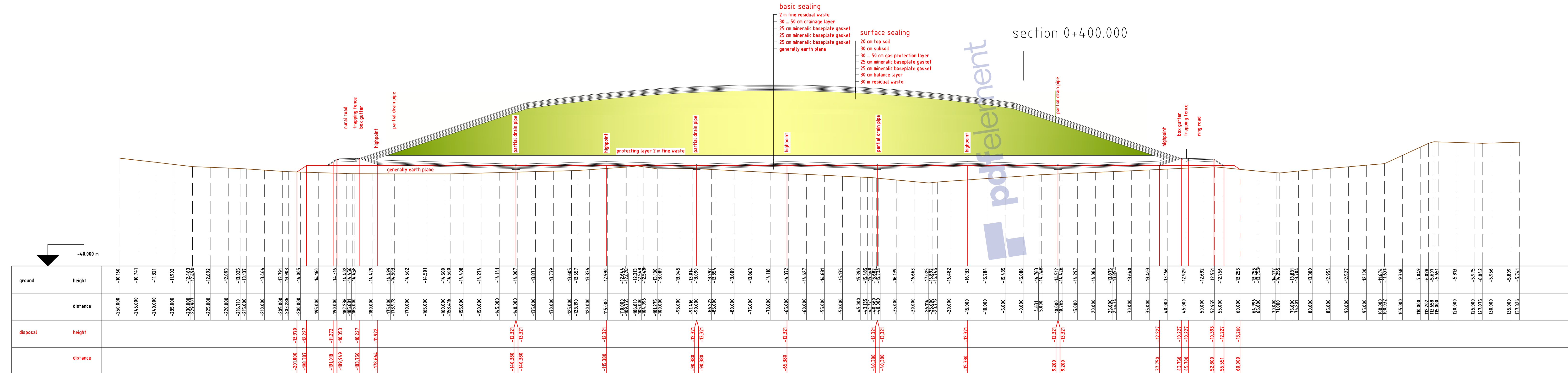
IMPLEMENTATION PLANNING

client:
KURDISTAN REGIONAL GOVERNMENT
MINISTRY OF MUNICIPALITIES
MUNICIPALITY OF DOHUQ

offerer:

Ingenieurbüro Dipl.-Ing. H. Vössing GmbH
Talstraße 1, 99089 Erfurt
phone: 0049 361 210890
Germany - Erfurt, 14.01.2011 ppa. Matze

VALID ONLY FOR TENDER !

	
project:	RESIDUAL WASTE DISPOSAL QUASHE (CONTROLLED LANDFILL)
scale:	1:500
drawn:	R. Boden
date:	28.02.2011
sheet:	2010-400-03
matter:	GENERAL LAY-OUT residual waste disposal near WSRC plant Quashe STAGE 2



index	kind of modification	account	date

IMPLEMENTATION PLANNING

client: KURDISTAN REGIONAL GOVERNMENT
MINISTRY OF MUNICIPALITIES
MUNICIPALITY OF DOHUK

offerer:



INGENIEURBÜRO
VÖSSING

Ingenieurbüro Dipl.-Ing. H. Vössing GmbH
Talstraße 1, 99089 Erfurt
phone: 0049 361 210890

Germany - Erfurt, 28.02.2011

ppa. Metzke

VALID ONLY FOR TENDER!

project:	RESIDUAL WASTE DISPOSAL (CONTROLLED LANDFILL)
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matter:

SECTION 0+400,000
stage 2 - second capacity level
residual waste disposal near WSRC plant Dohuk

object no.	01.2011
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scale
1:500

drawn
R. Boden

date
10.02.2011

plan no.
2011-500-03