higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NASIENRIGLYN

NASIONALE SERTIFIKAAT

STRUKTUURSTAALDETAILLERING

1 APRIL 2019

Hierdie nasienriglyn bestaan uit 6 bladsye.

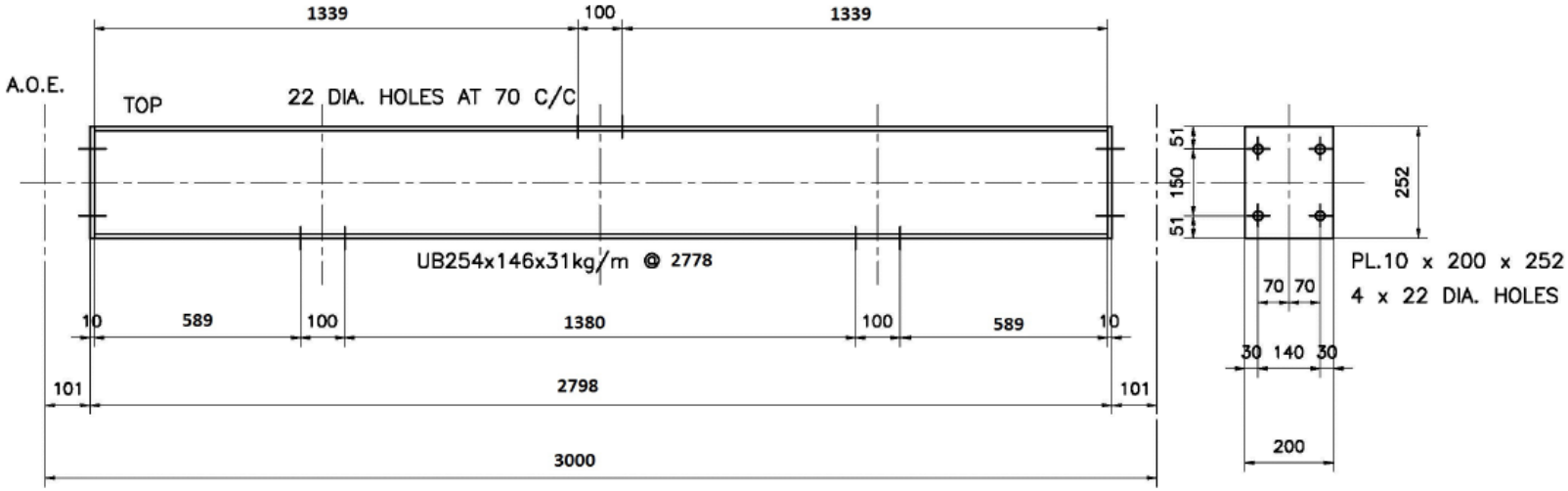
Kopiereg voorbehou

VRAAG 1: INLEIDING

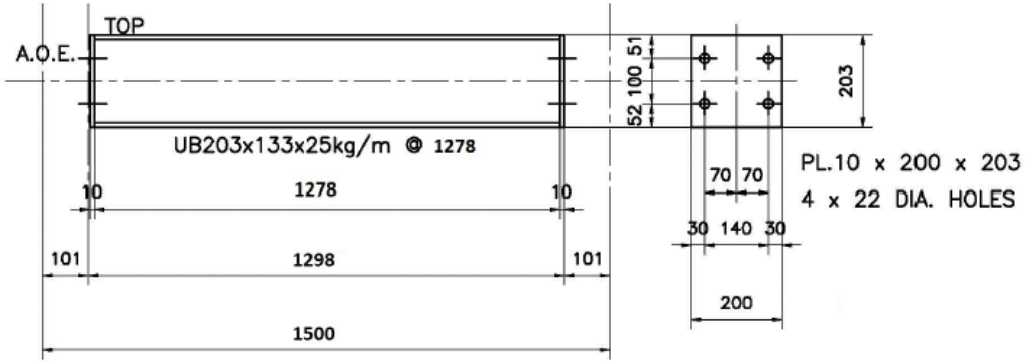
1.1 Waar
1.2 Waar
1.3 Waar
1.4 Waar
1.5 Waar
1.6 Onwaar
1.7 Waar
1.8 Waar
1.9 Waar
1.10 Onwaar

(10 × 1) **[10]**

VRAAG 2: BALKE



BEAM MARKED B2 –1– OFF
SCALE 1: 10



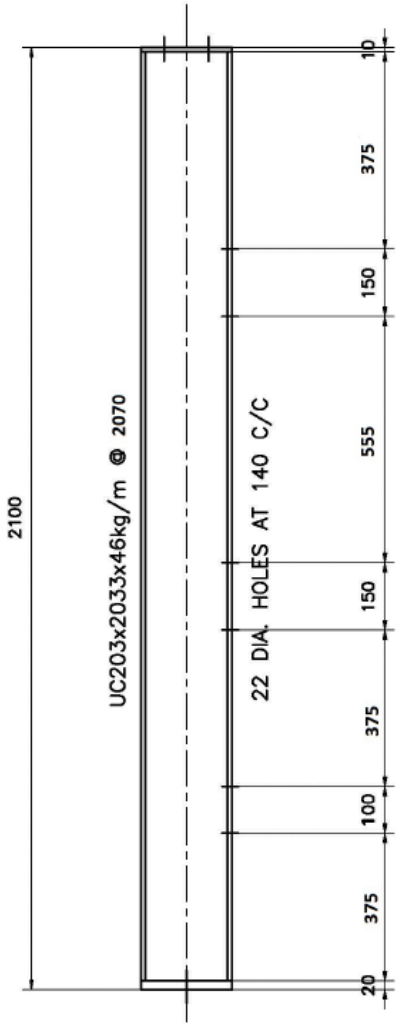
BEAM MARKED B3 –1– OFF
SCALE 1: 10

B2		**B3**	
Correctness	8	Correctness	8
Accuracy	1	Accuracy	1
Linework	2	Linework	2
Dimensions	2	Dimensions	2
Title and scale	2	Title and scale	2
TOTAL	15	TOTAL	15

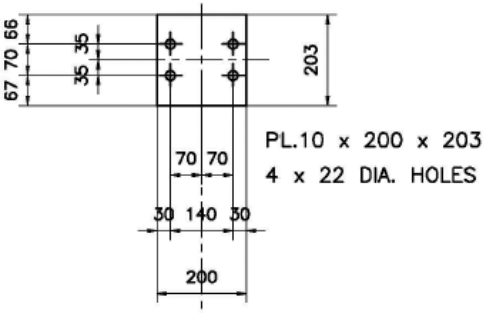
TOTAL 30

[30]

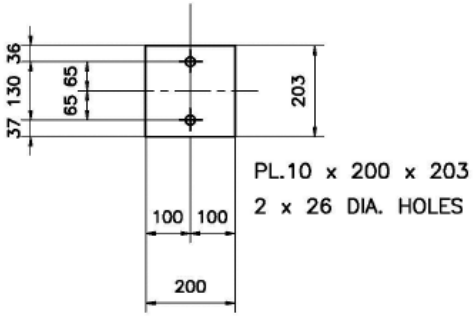
VRAAG 3: KOLOMME



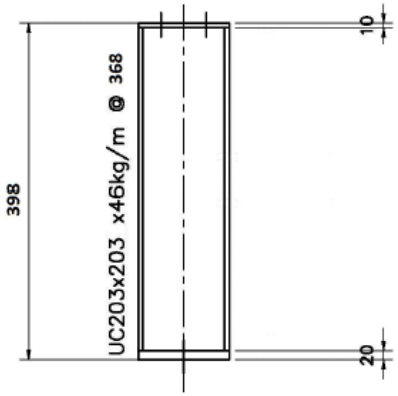
COLUMN MARKED C1 –1– OFF
SCALE 1: 10



COLUMN CAP PLATE C1 / C3
SCALE 1: 10



COLUMN BASE PLATE C1 / C3
SCALE 1: 10



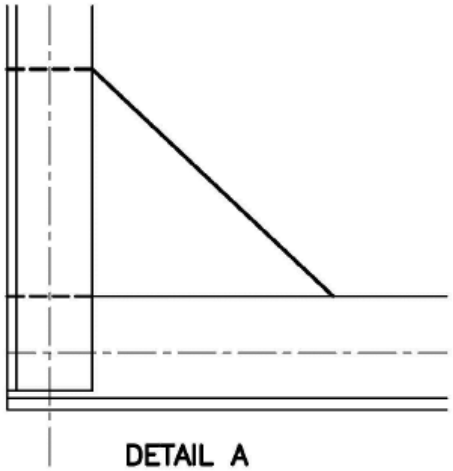
COLUMN MARKED C3 –1– OFF
SCALE 1: 10

C1 / C3

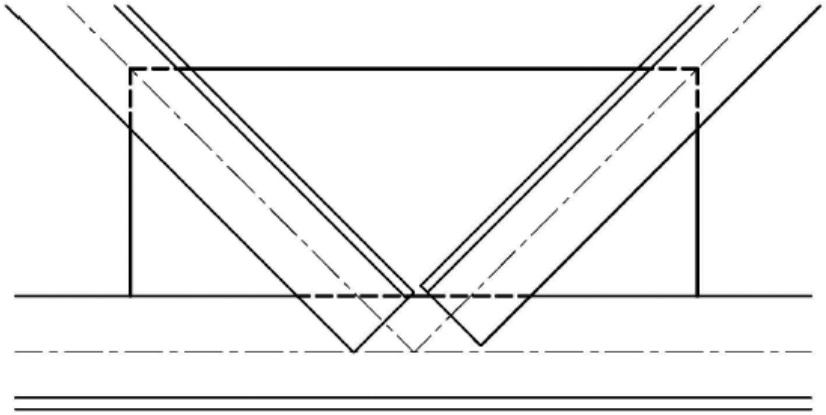
Correctness	14
Accuracy	2
Linework	1
Neatness	1
Dimensions	3
Title and scale	4
TOTAL	25

[25]

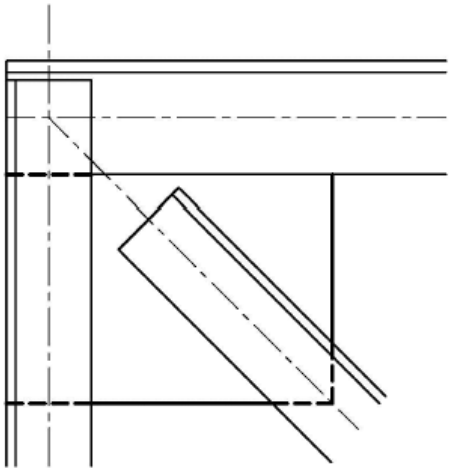
VRAAG 4: TRALIELÊERS



DETAIL A
SCALE 1: 5



DETAIL B
SCALE 1: 5



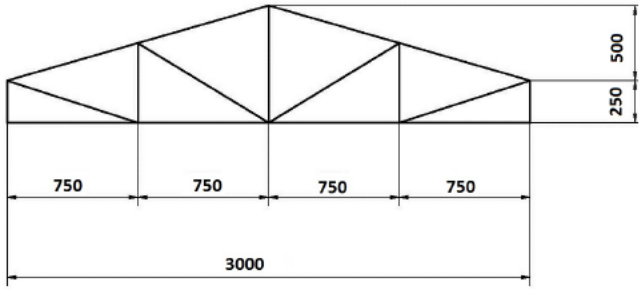
DETAIL C
SCALE 1: 5

DETAIL A/B/C

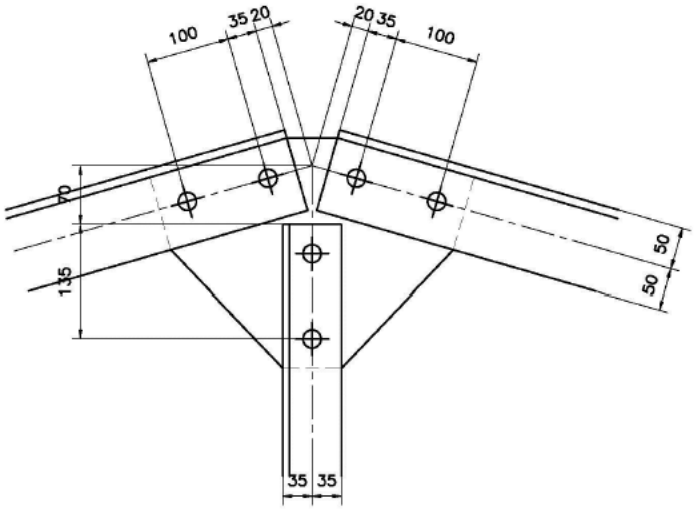
Correctness	3
Linework	1/2
Neatness	1/2
Title and scale	1
TOTAL	3 x 5=15

[15]

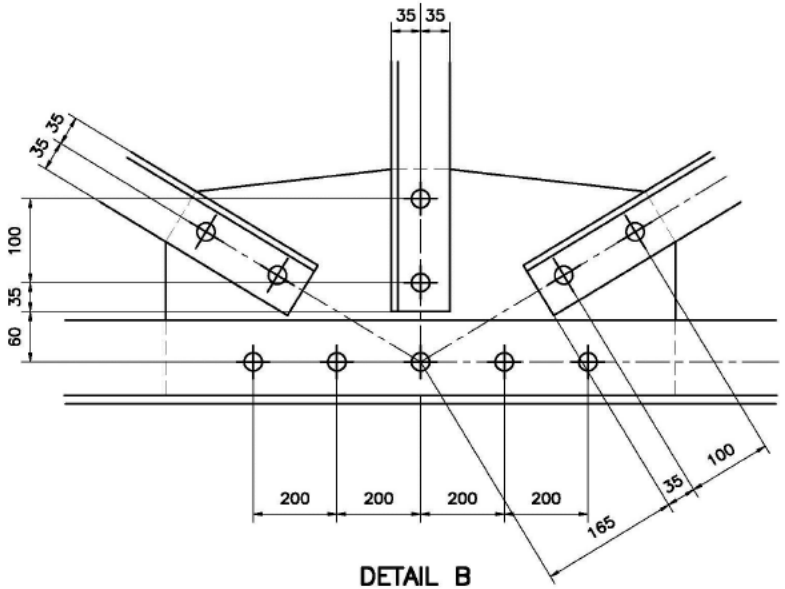
VRAAG 5: KAPPE



TRUSS SYSTEM **(6)**
SCALE 1: 20



DETAIL A
SCALE 1: 5



DETAIL B
SCALE 1: 5

DETAIL A/B

Correctness	4
Dimensions	1
Linework	1/2
Neatness	1/2
Title and scale	1

TOTAL 7x2=14

TOTAL 20

[20]

TOTAAL: 100

Kopiereg voorbehou