higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NASIENRIGLYN

NASIONALE SERTIFIKAAT

STRUKTUURSTAALDETAILLERING

30 JULIE 2019

Hierdie nasienriglyn bestaan uit 6 bladsye.

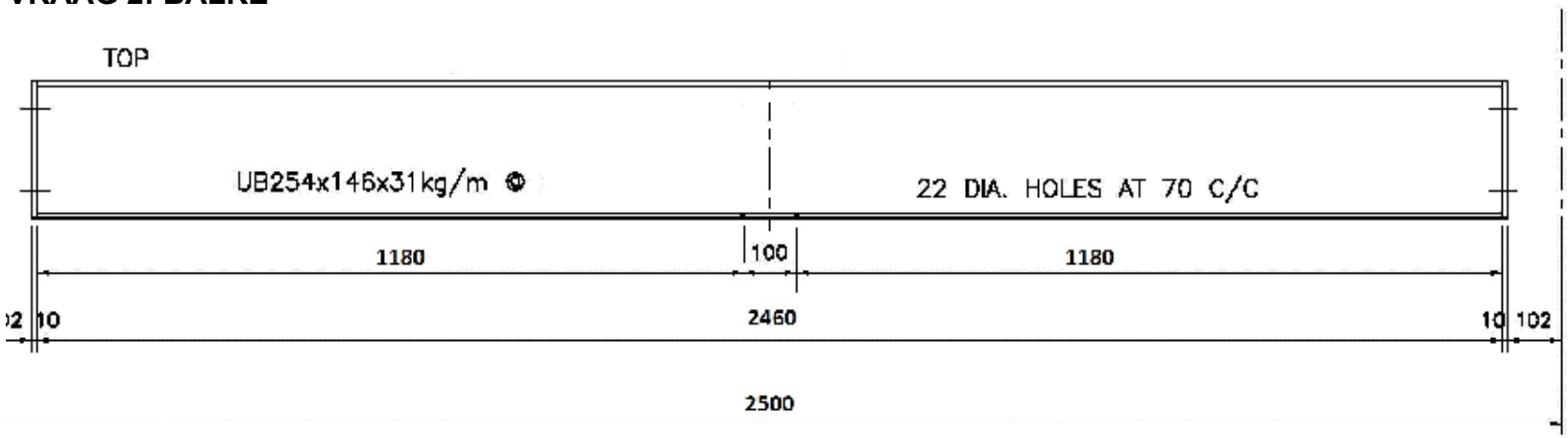
Kopiereg voorbehou

VRAAG 1: INLEIDING

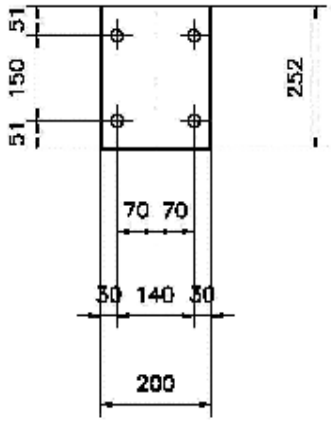
1.1 Onwaar
1.2 Waar
1.3 Onwaar
1.4 Onwaar
1.5 Waar
1.6 Waar
1.7 Onwaar
1.8 Waar
1.9 Waar
1.10 Onwaar

(10 × 1) **[10]**

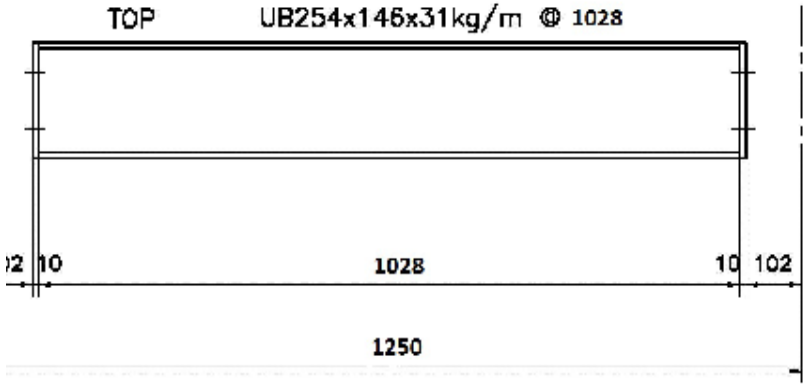
VRAAG 2: BALKE



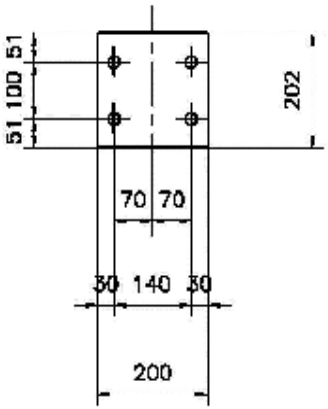
BEAM MARKED B1 –1– OFF
SCALE 1: 10



PL.10 x 200 x 252
4 x 22 DIA. HOLES



BEAM MARKED B3 –1– OFF
SCALE 1: 10



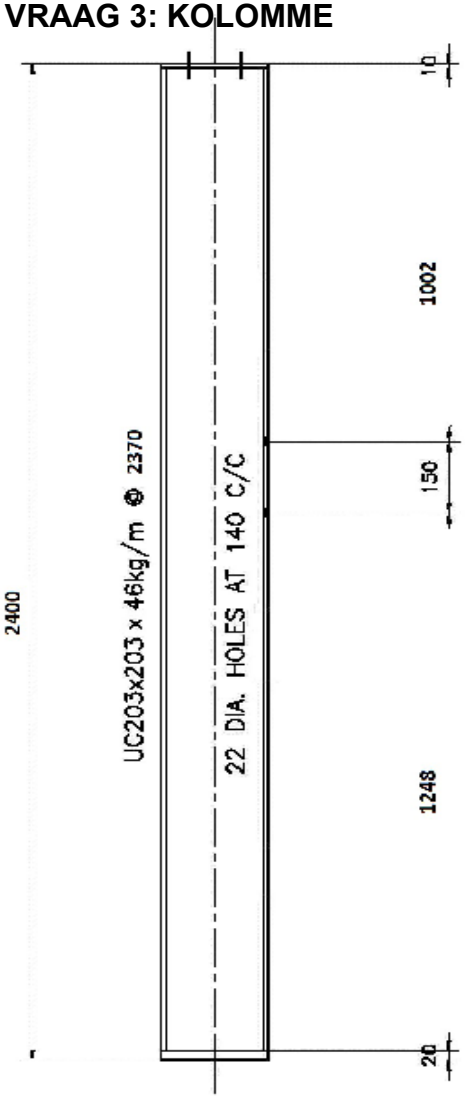
PL.10 x 200 x 202
4 x 22 DIA. HOLES

B1	
Correctness	8
Accuracy	1
Linework	2
Dimensions	2
Title and scale	2
TOTAL	**15**

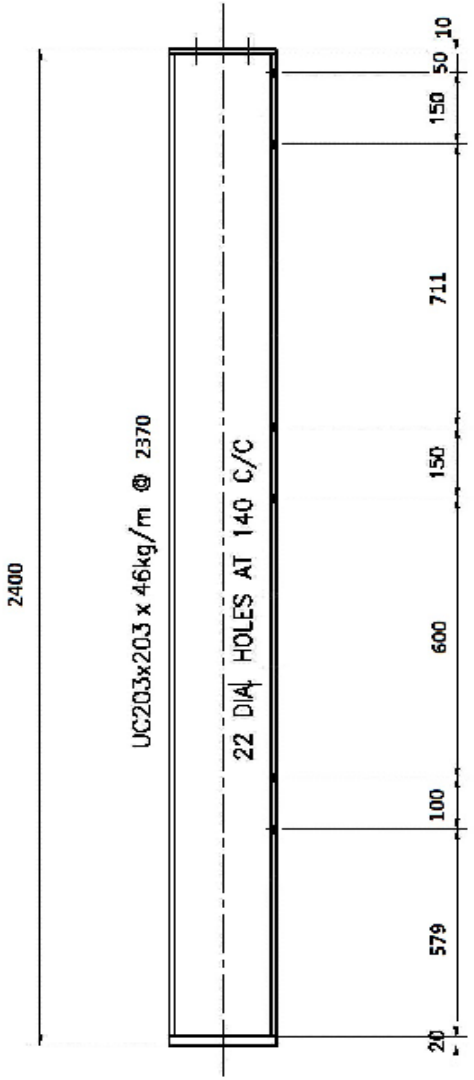
B3	
Correctness	8
Accuracy	1
Linework	2
Dimensions	2
Title and scale	2
TOTAL	**15**

[30]

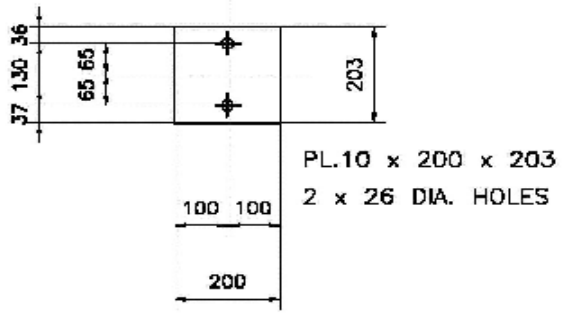
VRAAG 3: KOLOMME



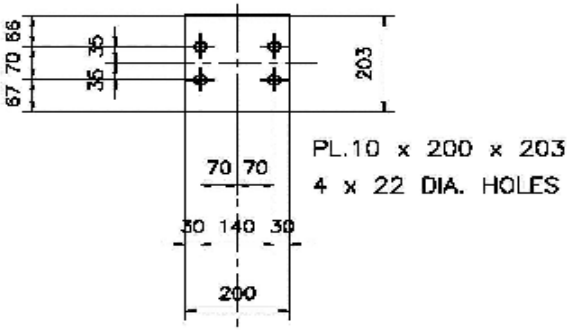
COLUMN MARKED C2 –1– OFF
SCALE 1: 10



COLUMN MARKED C1 –1– OFF
SCALE 1: 10



COLUMN BASE PLATE C1 / C2
SCALE 1: 10



COLUMN CAP PLATE C1 / C2
SCALE 1: 10

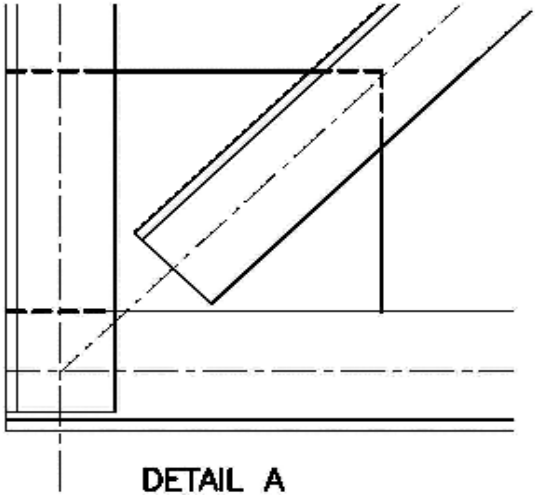
C1 / C2

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

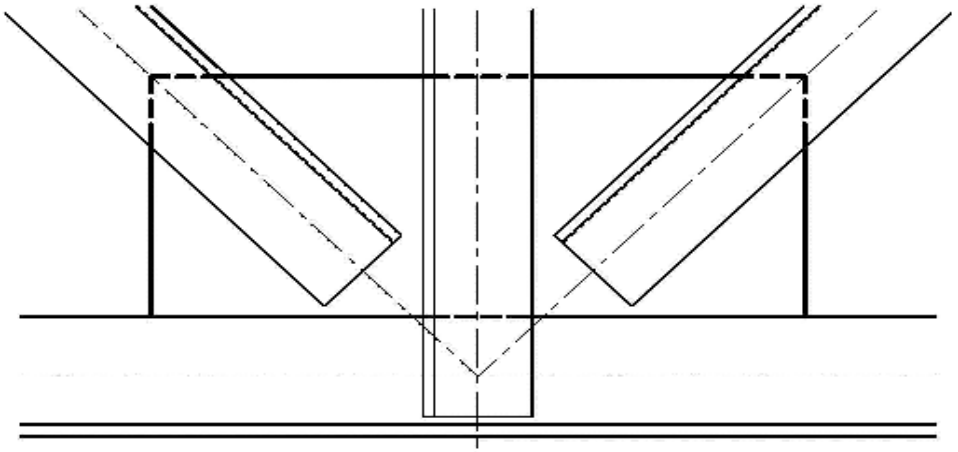
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Kopiereg voorbehou

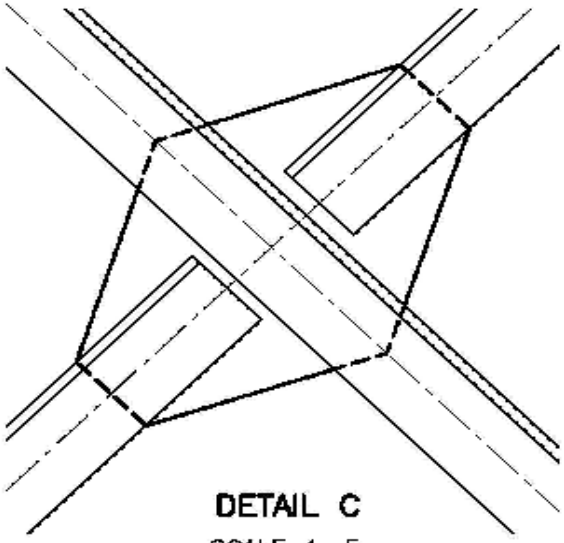
VRAAG 4: TRALIELÊERS



DETAIL A
SCALE 1: 5



DETAIL B
SCALE 1: 5



DETAIL C
SCALE 1: 5

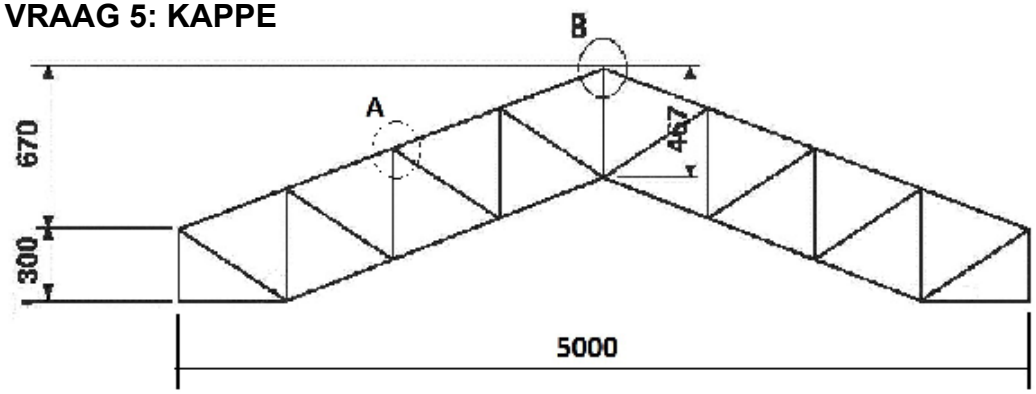
DETAIL A/B/C

Correctness	3
Linework	1/2
Neatness	1/2
Title and scale	1

TOTAL 3 x 5=15

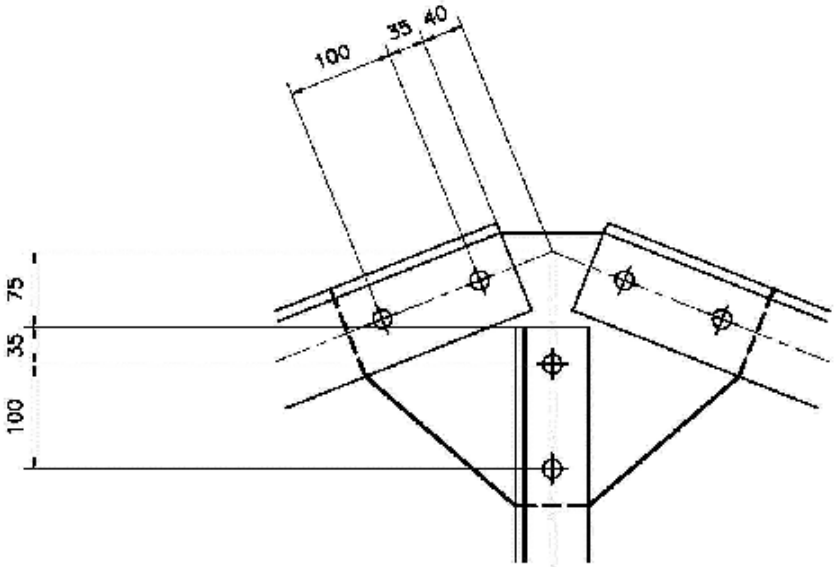
[15]

VRAAG 5: KAPPE

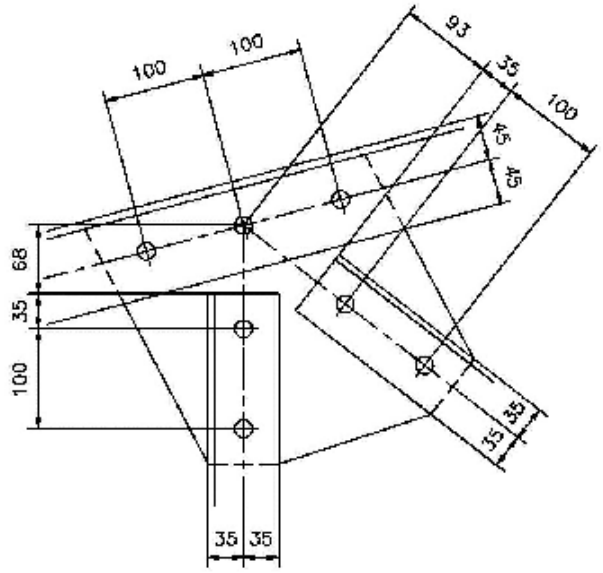


6

TRUSS SYSTEM
SCALE 1: 20



DETAIL B
SCALE 1:5



DETAIL A
SCALE 1:5

Truss System (Line Diagram) = 6

DETAIL A & DETAIL B

Correctness	= 4
Dimesions	= 1
Linework	= 1/2
Neatness	= 1/2
Title & Scale	= 1
TOTAL 2 x 7	= 14

[20]

TOTAL: 100

Kopiereg voorbehou