higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NASIENRIGLYN

NASIONALE SERTIFIKAAT

STRUKTUURSTAALDETAILLERING N5

29 MAART 2018

Hierdie nasienriglyn bestaan uit 7 bladsye.

Kopiereg voorbehou

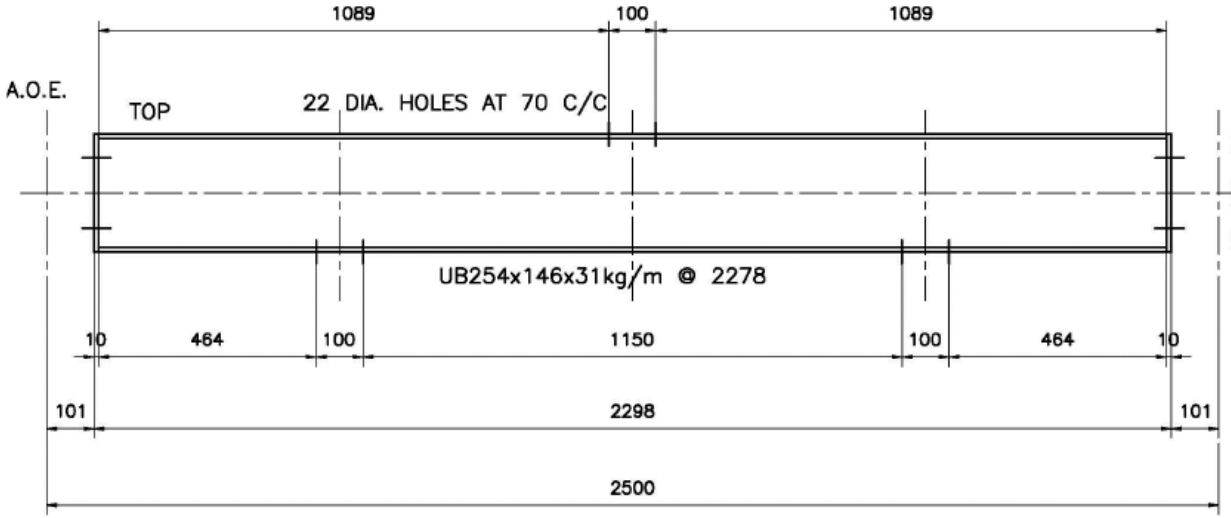
LET WEL: Tekeninge is op A3-TEKENPAPIER verskaf en moes afgeskaal word om op A4-TEKENPAPIER te pas. Nasieners moet hulle eie nasienriglyn hê wat op skaal is.

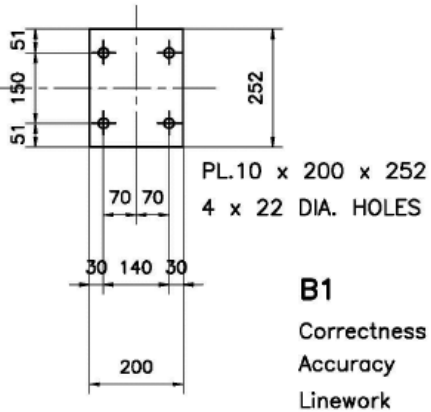
VRAAG 1: INLEIDING

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

(10 × 1) **[10]**

VRAAG 2: BALKE

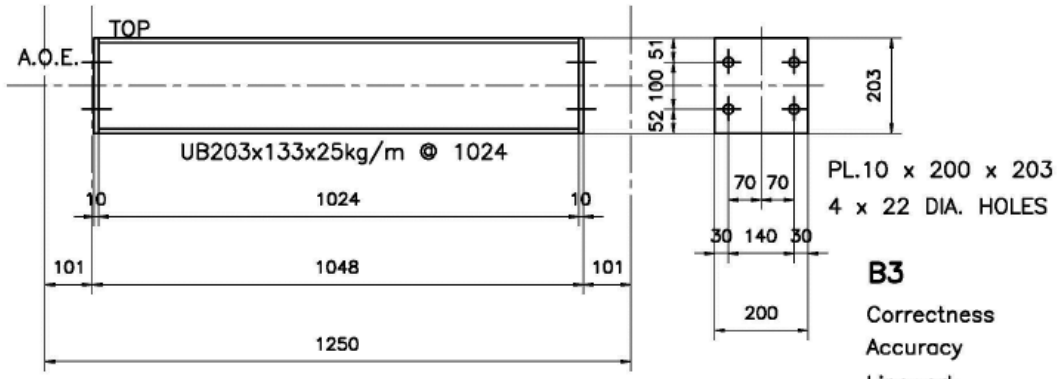




BEAM MARKED B1 –1– OFF
SCALE 1: 10

B1

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



BEAM MARKED B3 –1– OFF
SCALE 1: 10

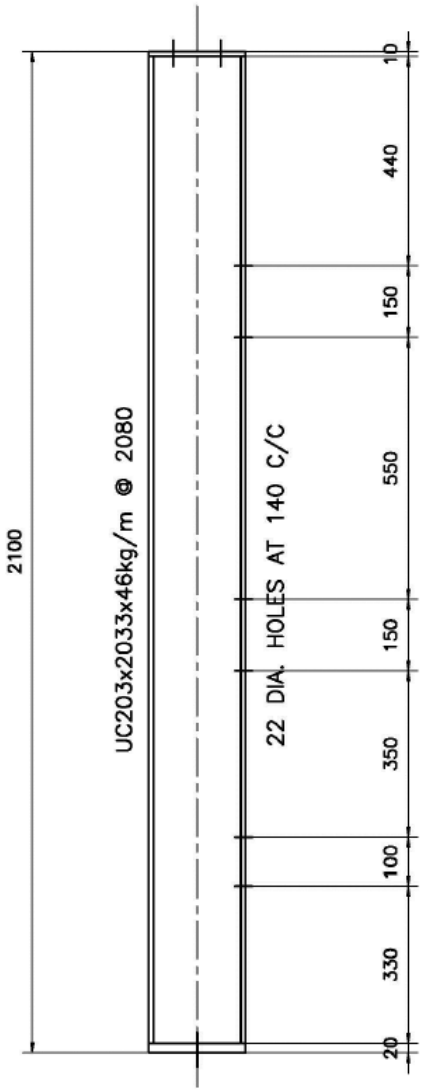
B3

Correctness	5
Accuracy	1
Linework	1
Dimensions	1
Title and scale	2
TOTAL	10

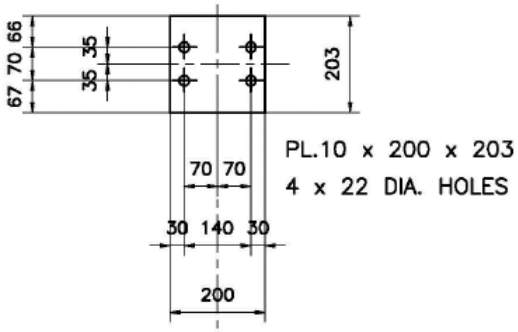
TOTAL 25

[25]

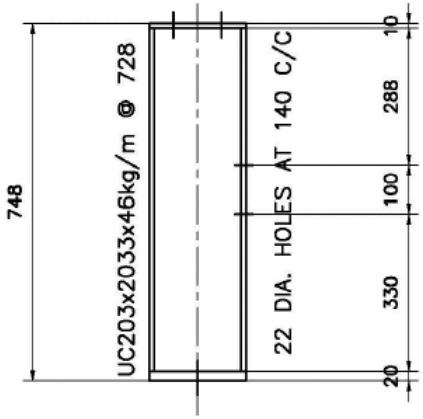
VRAAG 3: KOLOMME



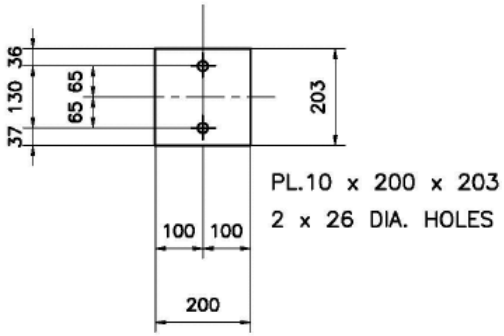
COLUMN MARKED C1 –1– OFF
SCALE 1: 10



COLUMN CAP PLATE C1,C2
SCALE 1: 10



COLUMN MARKED C2 –1– OFF
SCALE 1: 10



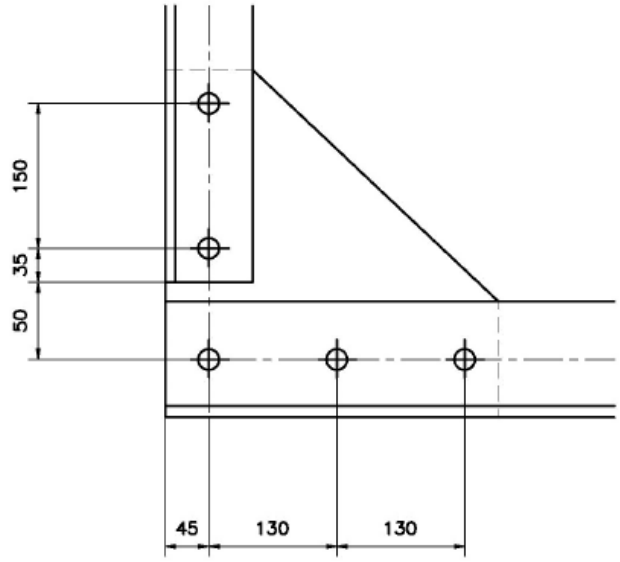
COLUMN BASE PLATE C1,C2
SCALE 1: 10

C1/C2

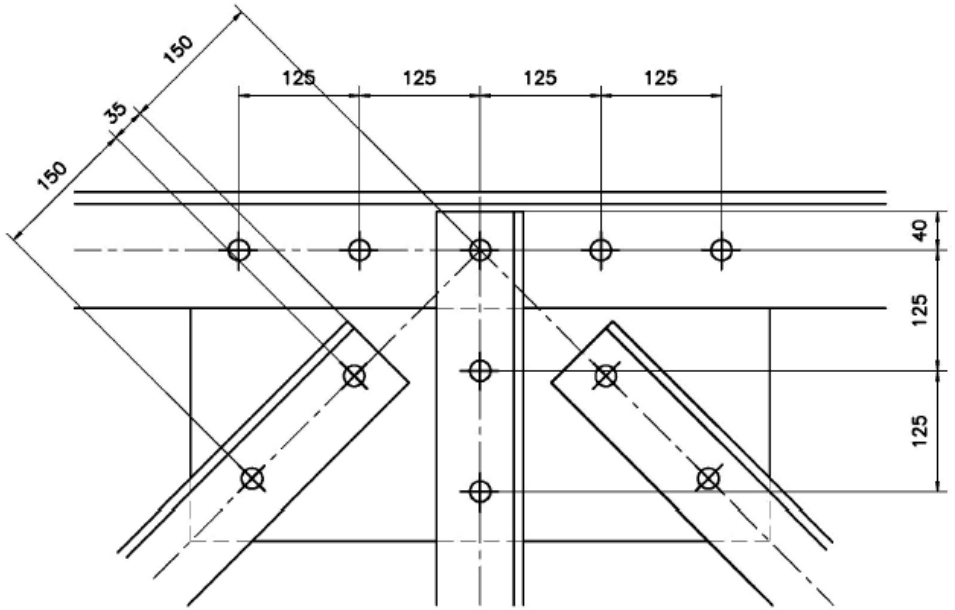
Correctness	14
Accuracy	2
Linework	1
Neatness	1
Dimensions	3
Title and scale	4
TOTAL	25

[25]

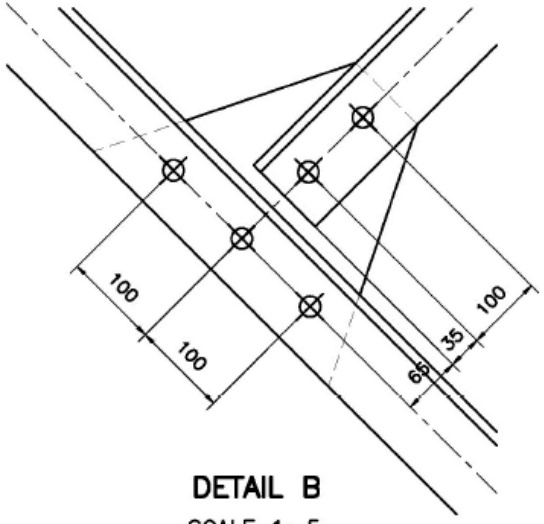
VRAAG 4: TRALIELÊERS



DETAIL A
SCALE 1: 5



DETAIL C
SCALE 1: 5



DETAIL B
SCALE 1: 5

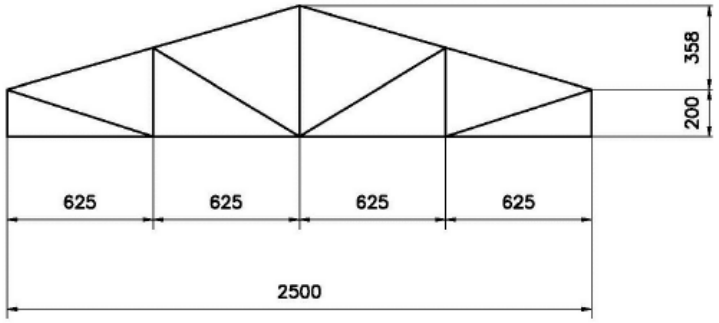
DETAIL A/B/C

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

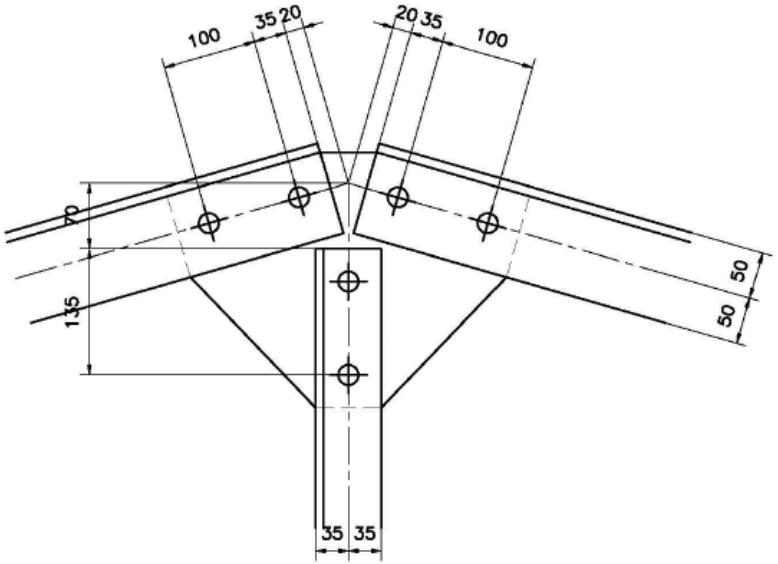
TOTAL 3 x 5=15

[15]

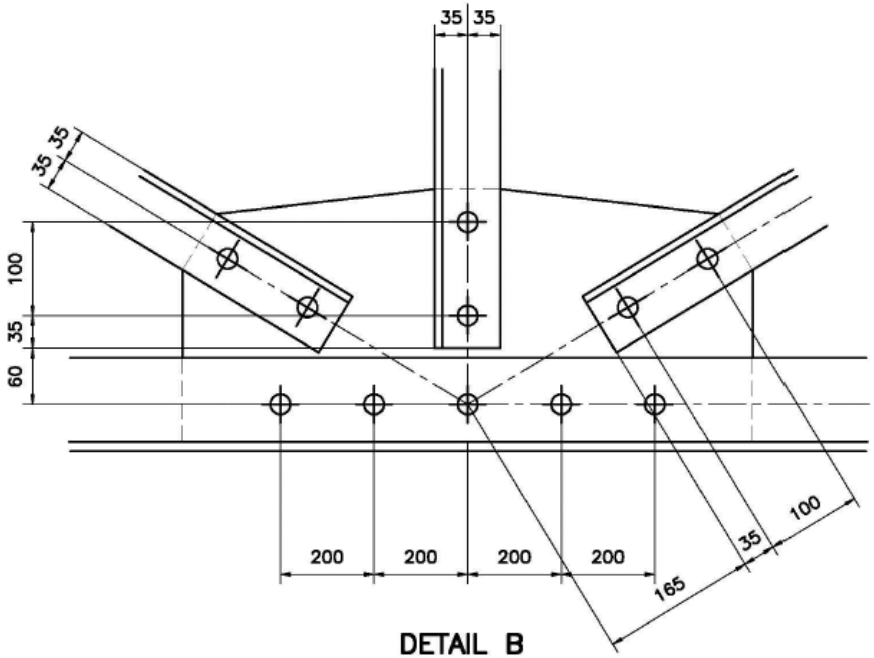
VRAAG 5: KAPPE



TRUSS SYSTEM (6)
SCALE 1: 20



DETAIL A
SCALE 1: 5



DETAIL B
SCALE 1: 5

DETAIL A/B TOTAL 20

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

TOTAL 7x2=14

[20]

VRAAG 6: MATERIAALLYS

POS.	HOEV.	BESKRYWING	LENGTE	MASSA	OPMERKINGS

[5]

TOTAAL: 100

Kopiereg voorbehou