



# **EGD Grade 10, 11 & 12**

## **Frame and Title Blocks**

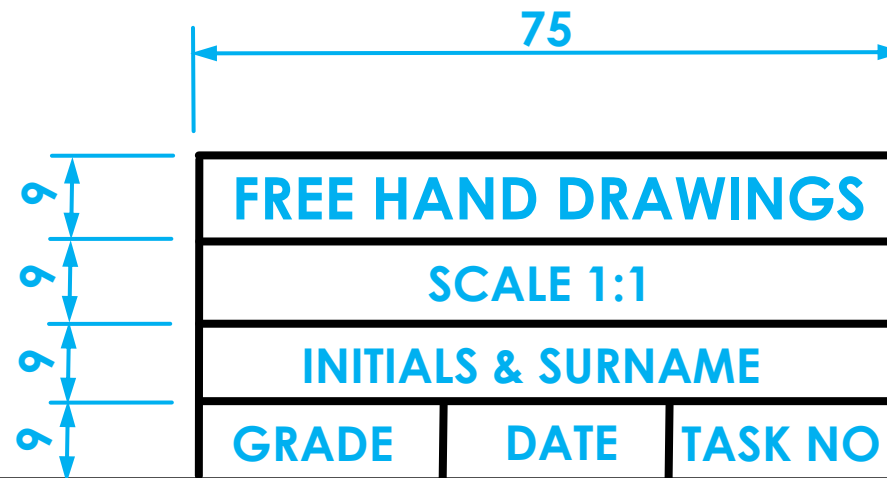
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Senior Educational Specialist for  
Engineering Graphics and Design  
Free State Province

# Different name/title blocks

- There are two different name/title blocks namely...
  - Civil name/title blocks
  - Mechanical name/title blocks.

# Name blocks (civil drawings)

- ▶ Civil name blocks normally extend vertical



# Name blocks (civil drawings)

- Civil name blocks normally extend vertical

## Notes:

1. All windows should be steel.
2. Roof coverage should be files
3. All dimensions not shown should be consulted with architect
4. Etc.

## Copyright stamp:

Blackey Swart  
&  
Whitey Whitehead  
Architects Ltd  
P.O Box 1001  
Zebra View Valley  
2001

## Date print issued:

2016-02-25

## Architect/ Engineer/ Planner

J Smuts

## Project

## Project Title:

Rural Health Development

## Drawing Title:

Zebra Health Clinic

## Project No:

DoH 071

## Drawing No:

## Code ref.

Dep. of Health

5

## Scale

1:200

## Date

2016/02/28

## Drawn

V Mabe

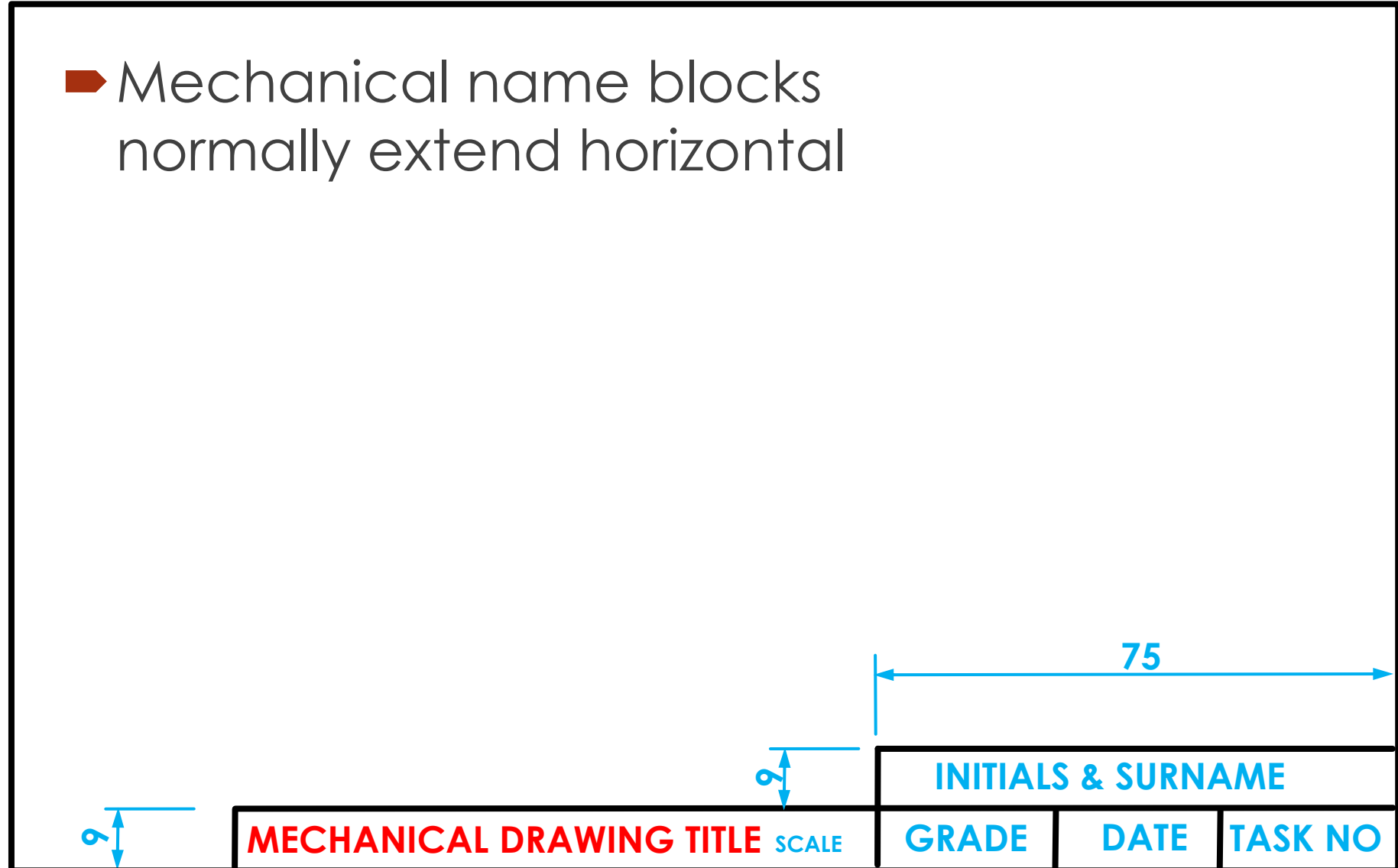
## Checked

P Nomo



# Name blocks (mechanical drawings)

- ▶ Mechanical name blocks normally extend horizontal



# Name blocks (mechanical drawings)

- Civil name blocks normally extend vertical

Date print issued: 2016-02-25	Drawing Title: <i>Clamp</i>	Drawing No:	Project				
Notes: 1. A standard micrometre should be used for small dimensions 2. All dimensions not shown should be consulted with engineer	Project No: <i>DoH 11071</i>	1	2	3		CLAMP DECIVES	
	Engineer <i>J Smuts</i>	Project Title: <i>Clamps for Health Department</i>			Scale <i>1:200</i>	Date <i>2016/02/28</i>	Drawn <i>V Mabe</i>

# Preparation of a name/title block

- ▶ How to prepare a civil or mechanical name/title block?

# Name/title block for civil drawings

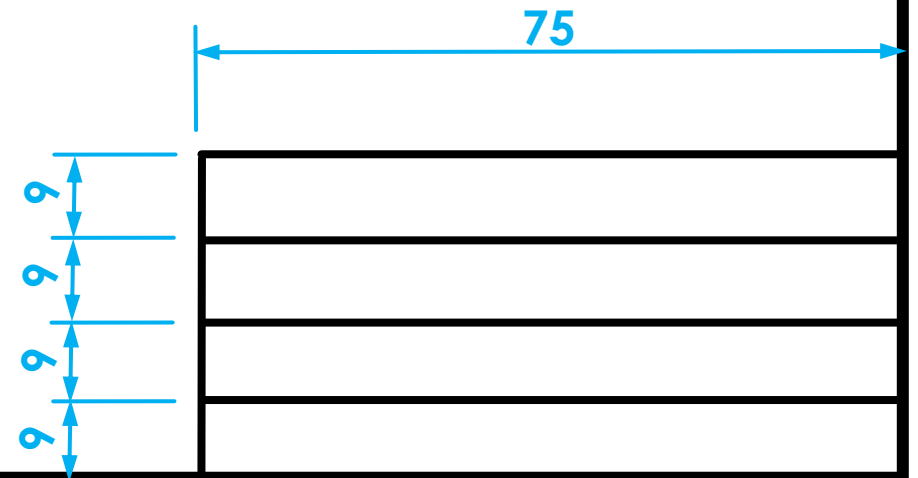
- Measure 15 mm from the sides of the drawing sheet

# Name/title block for civil drawings

- Join from corner to corner of your drawing sheet the four dots with each other with an A-type line.

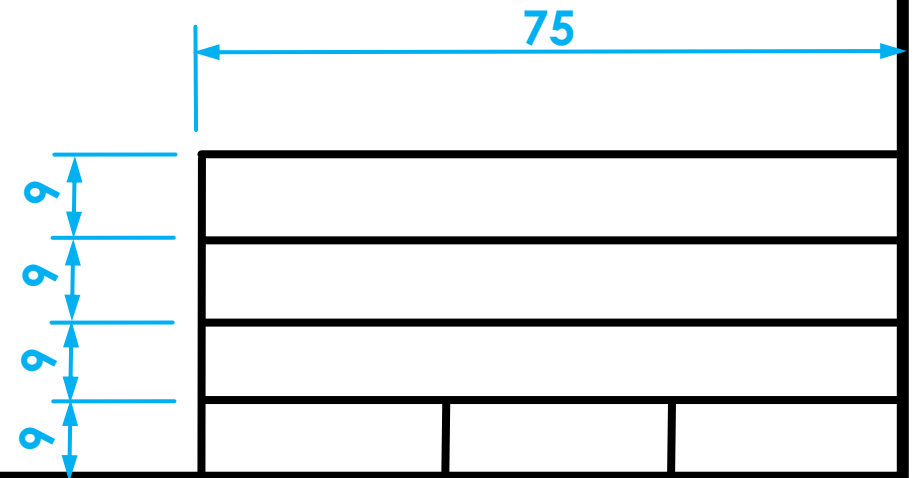
# Name/title block for civil drawings

- Draw 9 mm apart from each other, four 75 mm parallel A-type lines.



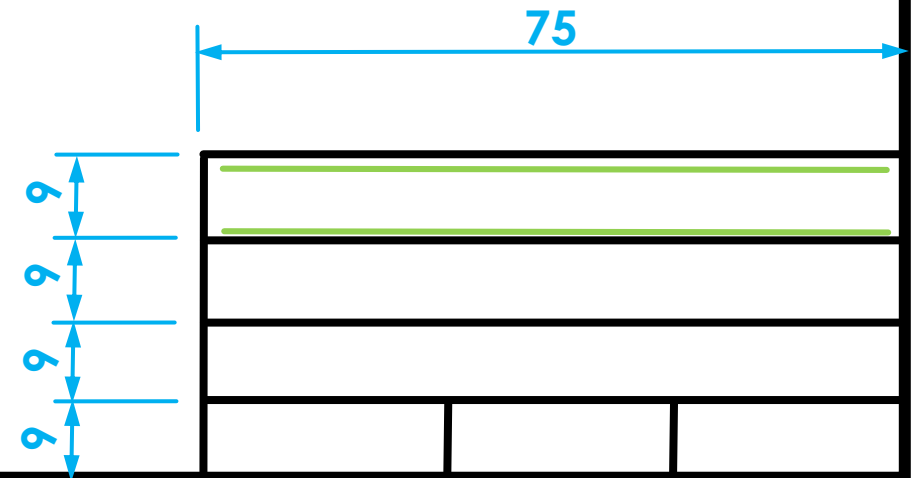
# Name/title block for civil drawings

- Divide the bottom row into three equal columns with parallel A-type lines.



# Name/title block for civil drawings

- In the top row, draw two parallel C-type guide lines, 7 mm apart from each other.



# Gothic Printing

- The style of lettering that is used in all disciplines of engineering drawings should be done according to the SANS Codes of Practice
  - **SANS 10111** for Engineering drawings
  - **SANS 10143** for building drawings

# Gothic Printing

A B C D E F G H I J K L

M N O P Q R S T U V W

X Y Z

0 1 2 3 4 5 6 7 8 9

# Gothic Printing

ALWAYS DRAW

GUIDELINES BEFORE

YOU START WITH

ANNOTATION

# Gothic Printing

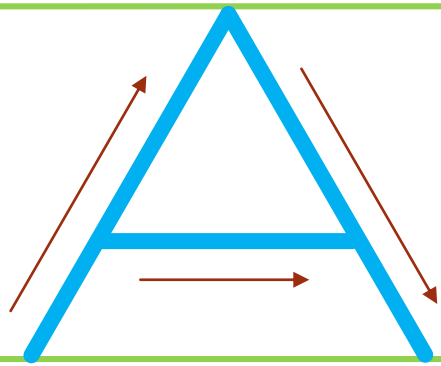
ALWAYS USE UPPER

CASE ANNOTATION

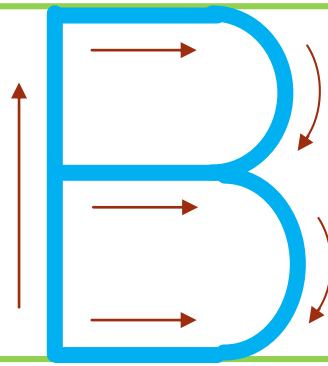
UNLES OTHERWISE

STATED

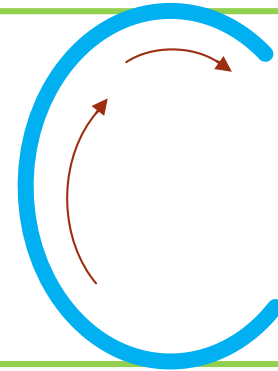
# Gothic Printing



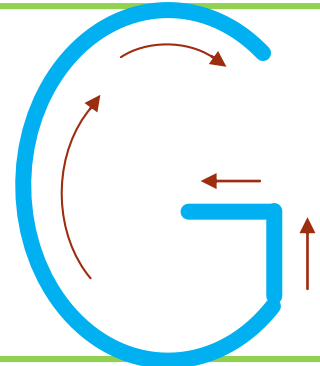
A



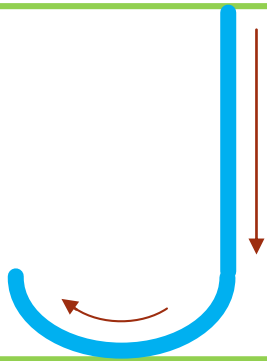
B



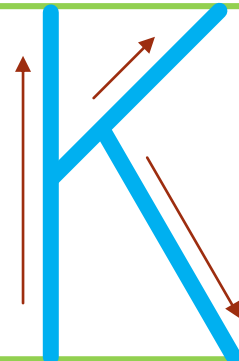
C



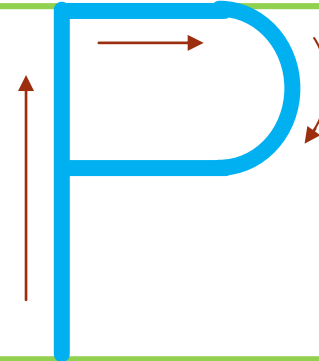
G



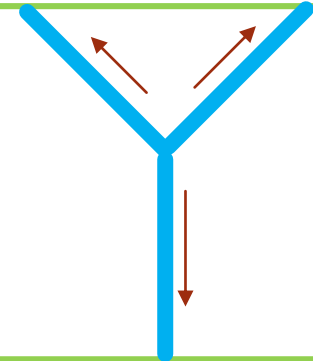
J



K



P



Y

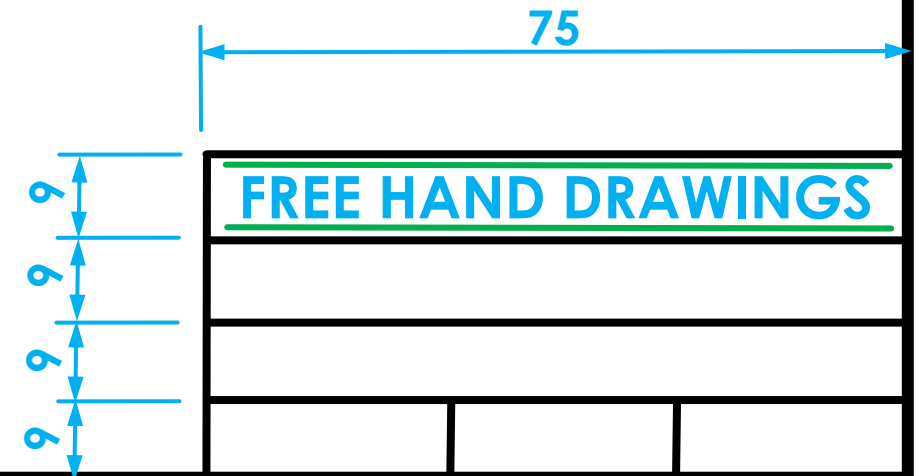
# Name/title block for civil drawings

- Between the 7 mm guide lines write the heading of your drawing (for example)

FREE HAND DRAWINGS

or

CIVIL DRAWING



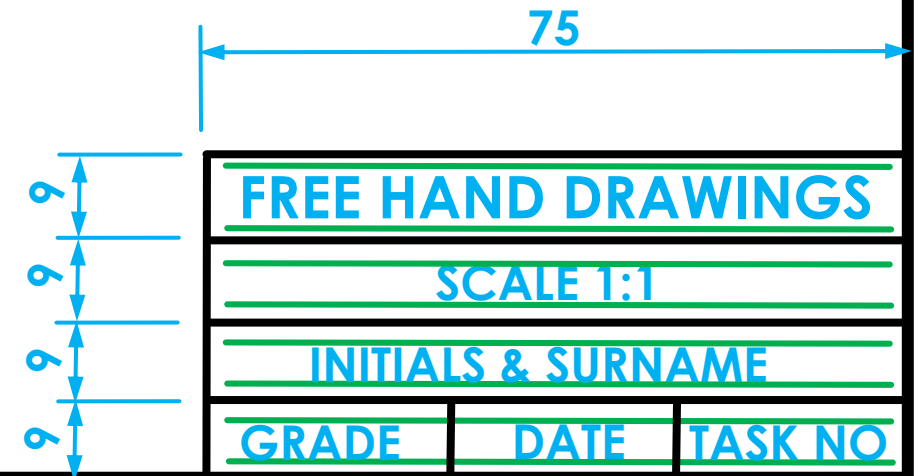
# Name/title block for civil drawings

- In the remaining three bottom rows, draw between each row, two parallel C-type guide lines, 4 mm apart from each other.



# Name/title block for civil drawings

- Between the 4 mm guide lines draw the
  - SCALE 1:1,
  - YOUR INITIALS AND SURNAME,
  - GRADE,
  - DATE AND
  - TASK NUMBER.



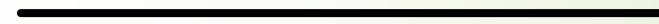
# Relevant line types

➤ With your knowledge of the different line types

➤ A-type lines



➤ B-type lines



➤ C-type lines



draw the following

# Gothic Printing

## Task 1.2.4

- Set up an A3 drawing sheet with a border and an mechanical title block.
- Draw at the top of the page two guide lines, 7 mm apart from each other as well as two guide lines, 4 mm apart from each other.
- **Question:** Draw the alphabet as well as numbers 0 – 9 between the 7mm and 4 mm guide lines.
- Show the guide lines as soft construction lines.
- Name this task 1.2.4

# Gothic Printing

## Task 1.2.4

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

0 1 2 3 4 5 6 7 8 9

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

0 1 2 3 4 5 6 7 8 9

**GOTHIC PRINTING**

**INITIALS & SURNAME**

**GRADE**

**DATE**

**TASK 1.2.4**