



R3 05 12 01 Technical Directive

Dimensioning at the Tata Steel IJmuiden site

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Intended for location IJmuiden

The latest version can be retrieved via Intranet at Tata Steel (ProjectNet) or internet <https://www.tatasteeleurope.com/ts/nl/gezondheid-en-veiligheid/toegang-en-veiligheid-ijmuiden/voorschriften> .

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1. GENERAL

1.1. Location

Primary and secondary coordinate systems have been defined for the precise location of objects on the Tata Steel IJmuiden site.

1.2. Primary coordinate system

The primary coordinate system consists of the X - Y axes and applies to the whole Tata Steel IJmuiden site.

The zero point of these axes is 22,640 mm south of the south-side base of HO 3 and 1,780 mm east of the east wall of the Low Pressure Plant.

The Y axis is 12°35'49" to the east of North.

1.3. Secondary coordinate system a-b

The secondary coordinate system a - b is used for OX 1 and environs.
The zero point of this system is X = - 551 650 mm Y = + 553 840 mm
The a axis is 35° north of the X axis.

1.4. Secondary coordinate system c-d

The secondary coordinate system c - d is used for OX 2 and environs.
The zero point of this system is X = - 713 035 mm Y = + 47 590 mm
The c axis is 17°00'39" east of the Y axis.

1.5. Size indication

The size indication for these coordination systems must be in mm.

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2. DETERMINING COORDINATES

Coordinates for new objects must always be determined in consultation with the SF IPM KAD (Land Registry) department, tel: 92291 / 92744.

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3. PRIMARY AND SECONDARY COORDINATE SYSTEMS

Figure 1 shows these coordinate systems at the Tata Steel IJmuiden site in relation to each other.

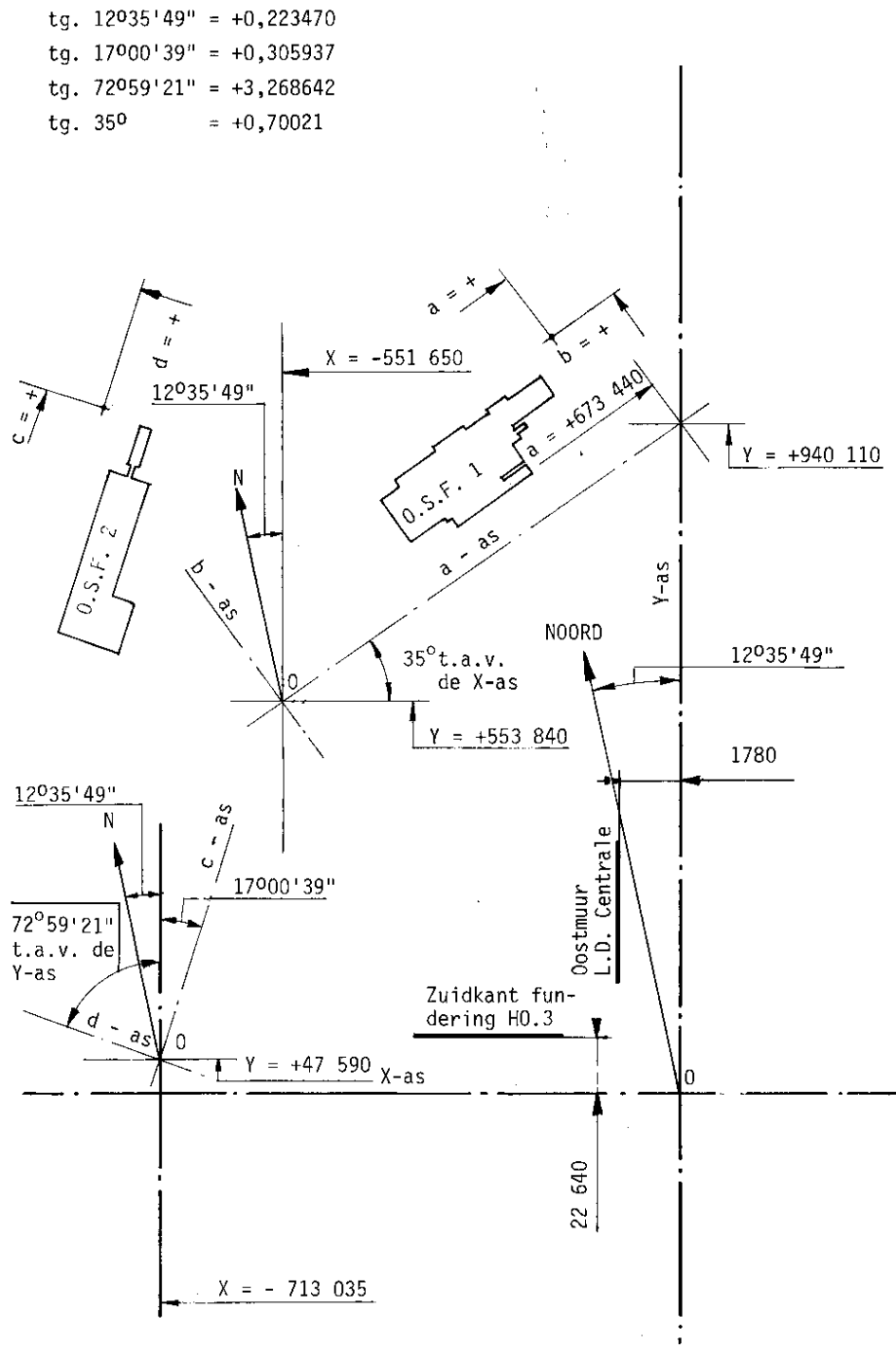


Figure 1

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4. DIMENSIONING

4.1. Notation

It is important to note how the dimension arrows and size indication must be written. Figure 2 shows the correct and incorrect methods.

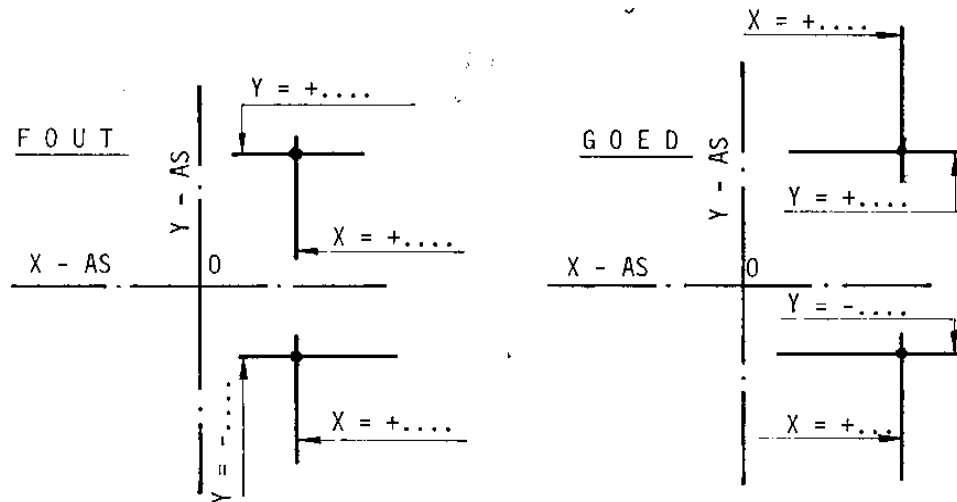


Figure 2

4.2. Direction

The direction of the dimension arrows must always be given from the point of origin.

The dimensions in the coordinate system range from positive to negative.

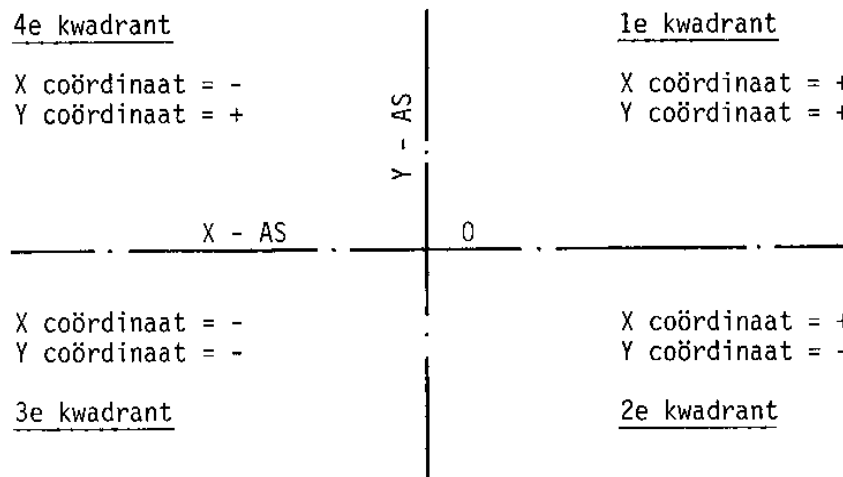


Figure 3

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5. INDICATIONS ON GROUND PLANS

5.1. Overview:

In addition to the dimensions, a ground-plan sketch of the relevant object is often required in overview drawings in order to show its precise location.

Site situations for the whole site have been pre-printed as stickers that can be affixed to drawings. CAD draughtsmen can obtain these stickers from the Standards Library (StdLib)

An example is provided in Figure 4.

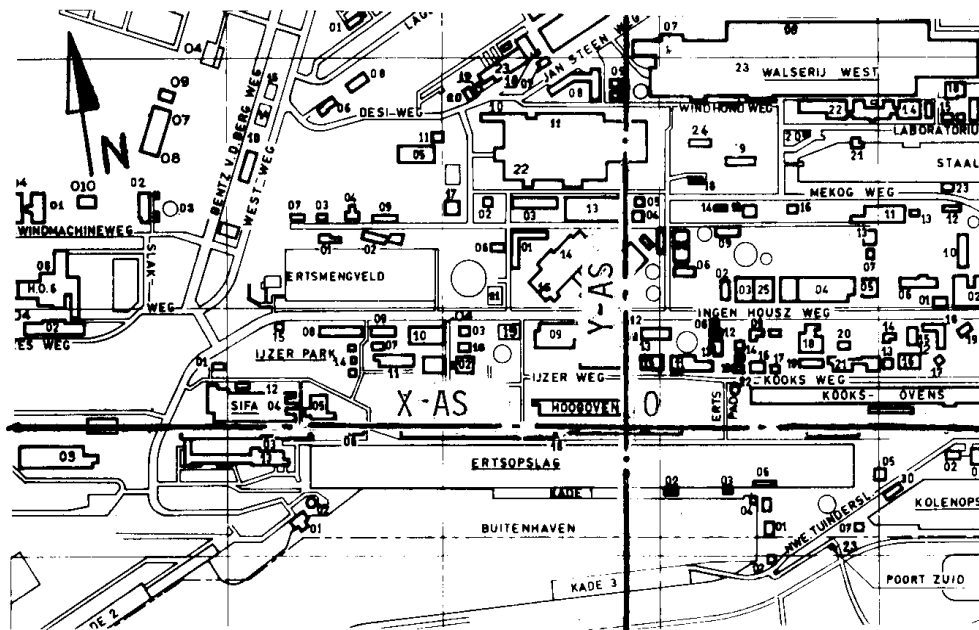


Figure 4

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6. REFERENCES

None.

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7. STATEMENT

Version 2.0:

this Technical Directive replaces Tata Steel standard 00.73.12.001.

December 1999, version 2.0:

Department name Bedrijfsplanologie changed to
HIS IV BIO ROZ (Real Estate Registry)

Version 2.1:

logo changed.

Version 3.0:

Paragraph 1.3: Y-axis dimensioning adjusted.

Ch. 2: Department name changed.

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