

Project and customer information:

**MAXIMA-CENTRALE
BSMC project**



Space for stamping (review and validation status – if needed)

Project name: BSMC

Country : Nederland

Revision History

Rev.	Revision date	Created by	Checked by	Approved by	Description
0	27-2-26	HSDH	SCTS	AKNL	Steel structures utility building

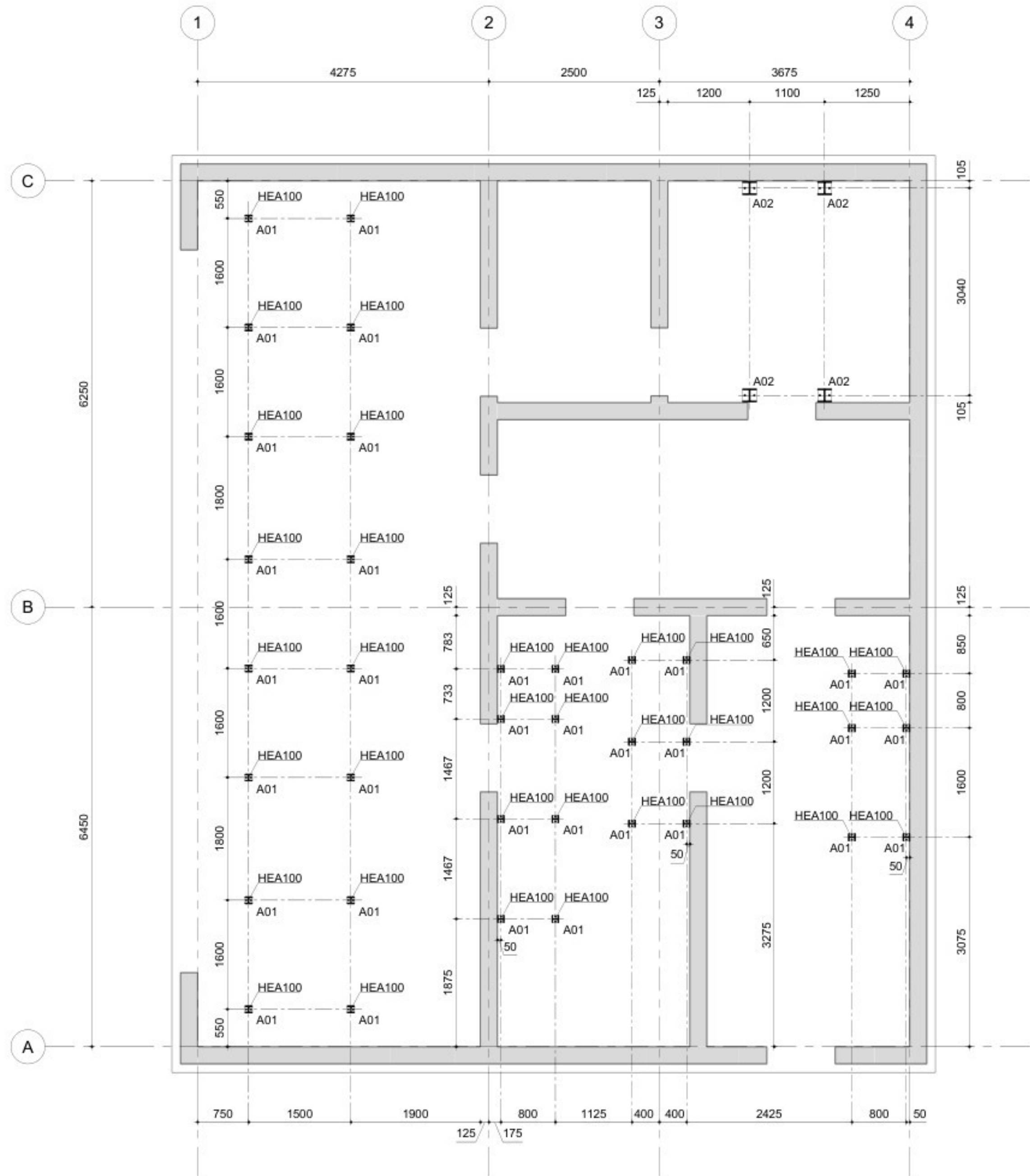
Description latest version :

Cross checked

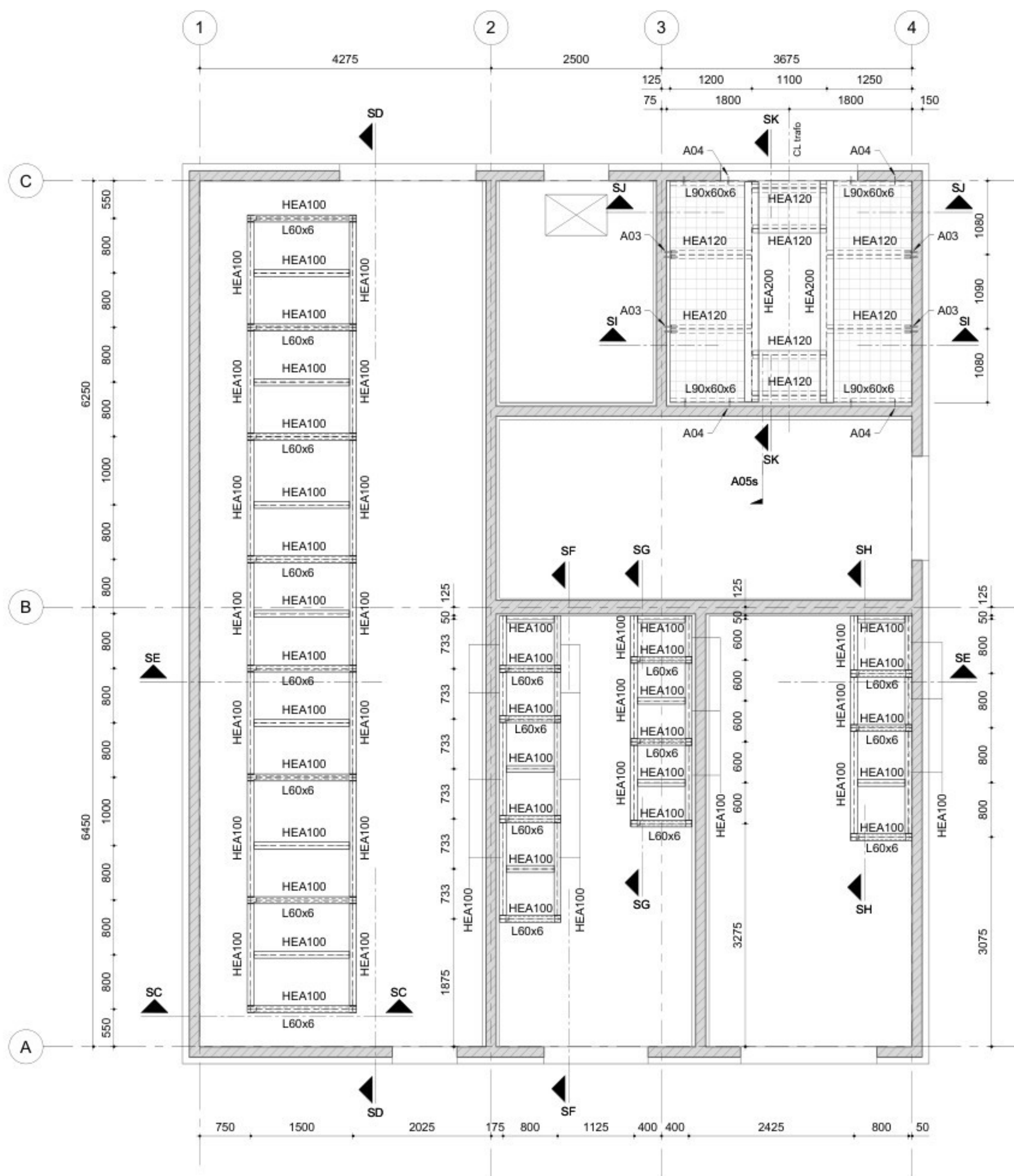
Department	Name	Date	Signature
Civil		27-2-26	

Replaces		Scale	Format	Company document code FLE-91-B-0000000000-CE-0036
				Contractor code nIT59154-1346002

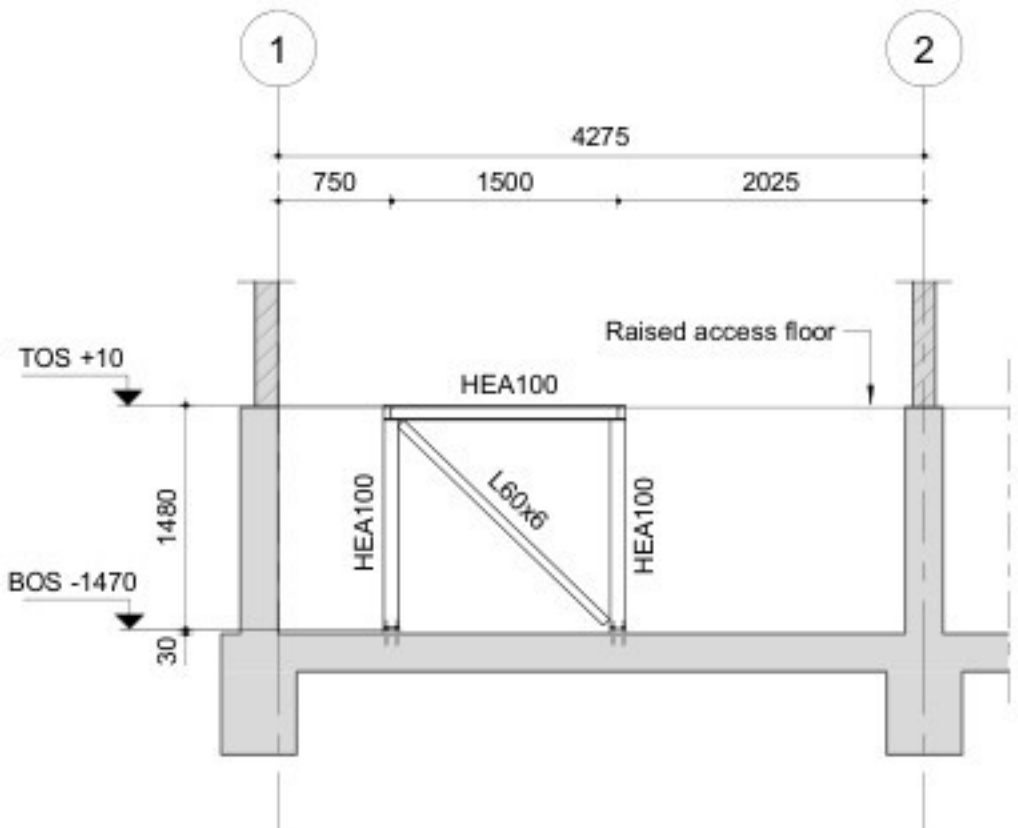
Originator	Document Type	Document status:		
	Title, Subtitle	ENGIE Identification number		
		Rev. 0	Date 27-2-26	Lang. English
				Sheet 1/1



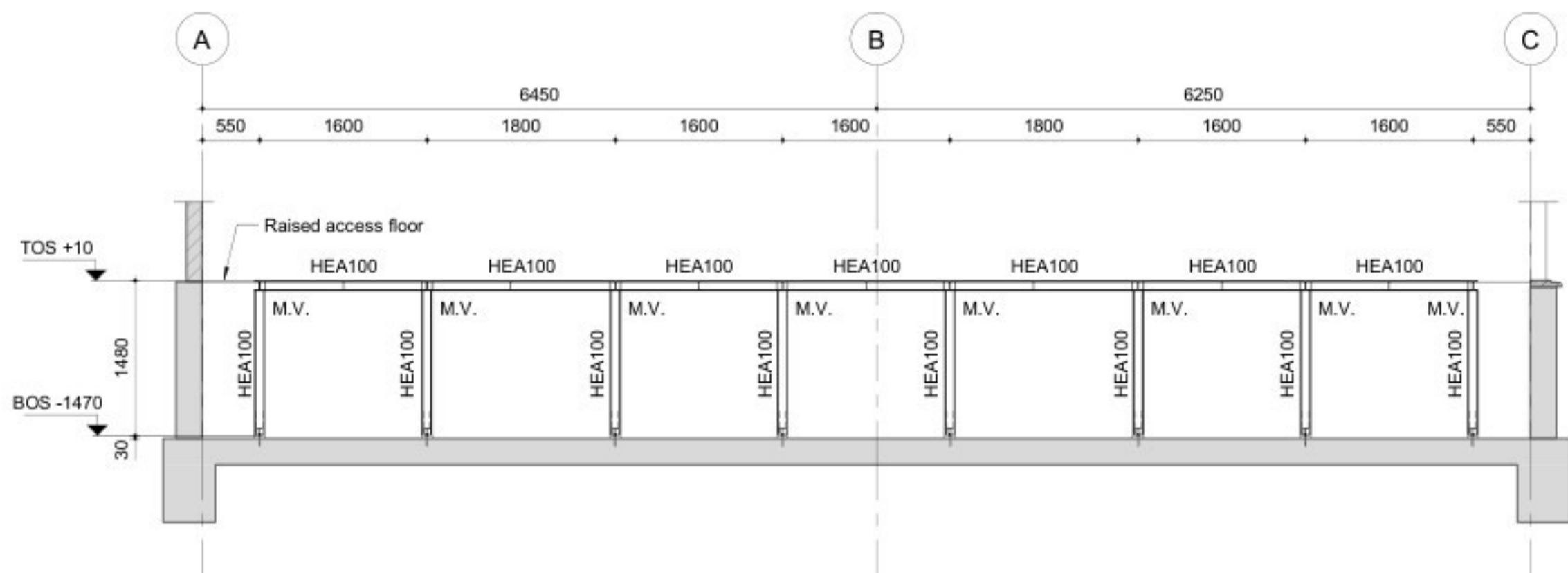
Steel basement plan
1 : 50



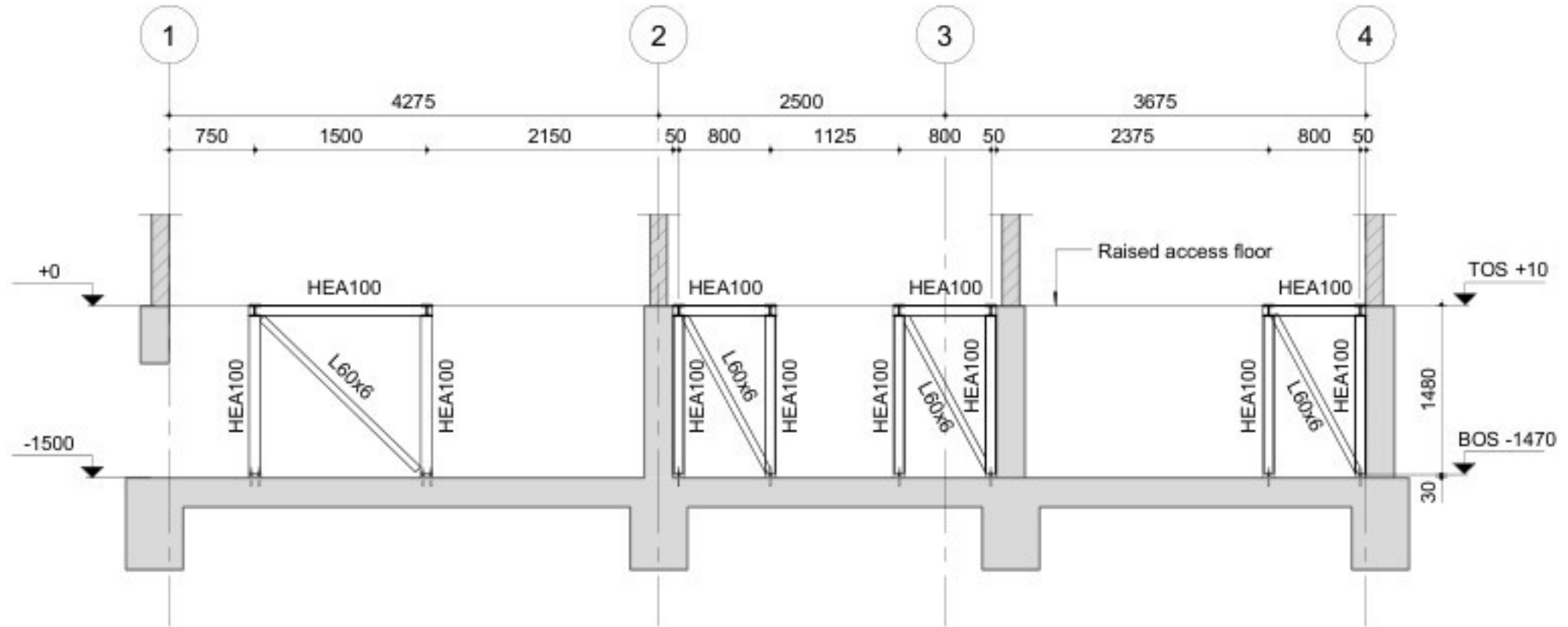
Steel ground floor plan
1 : 50



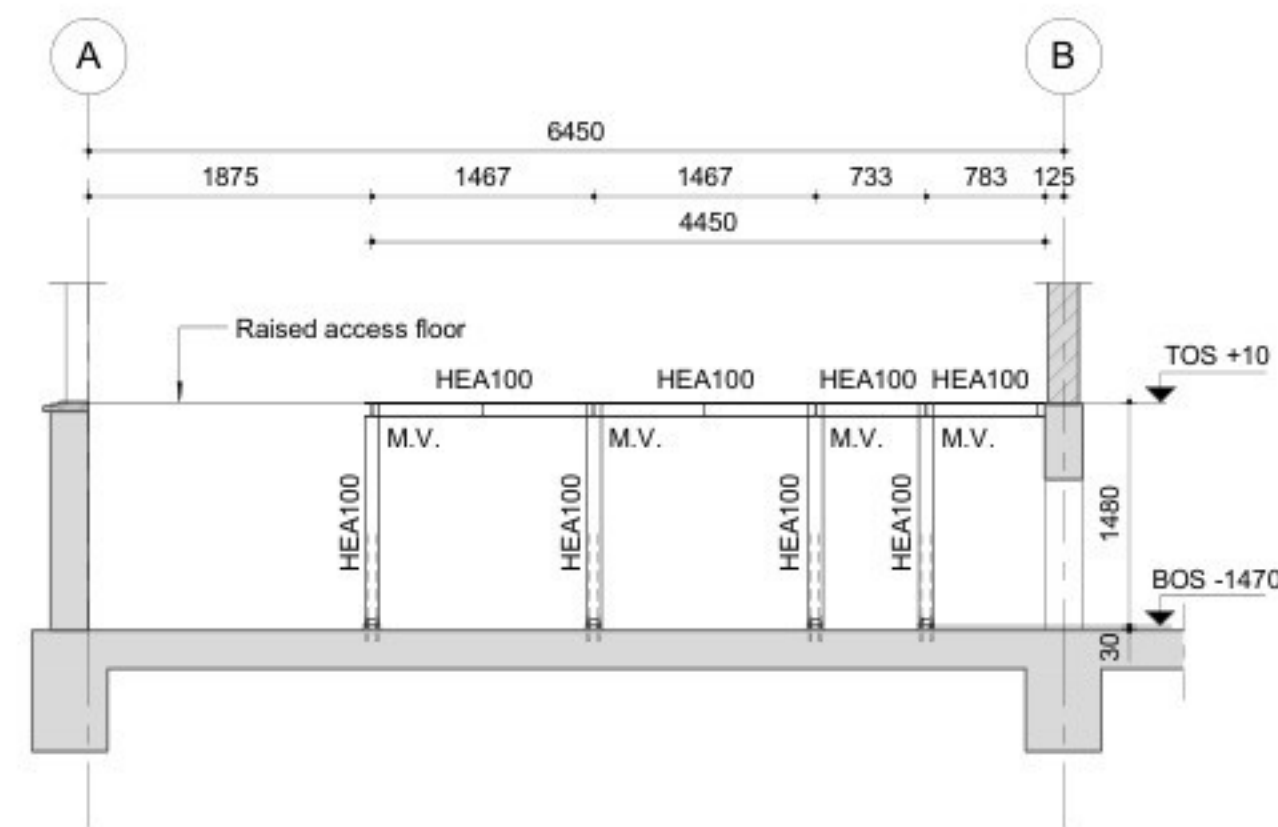
Section SC
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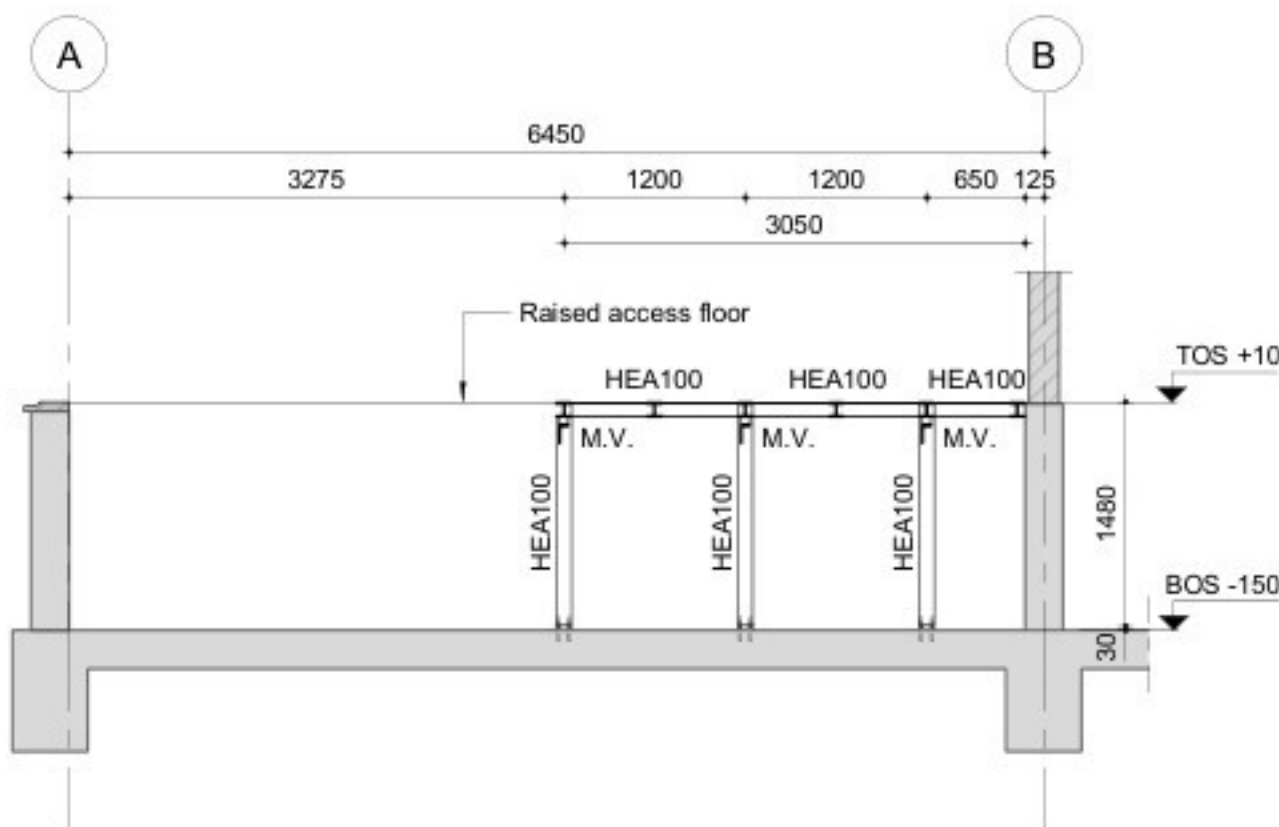
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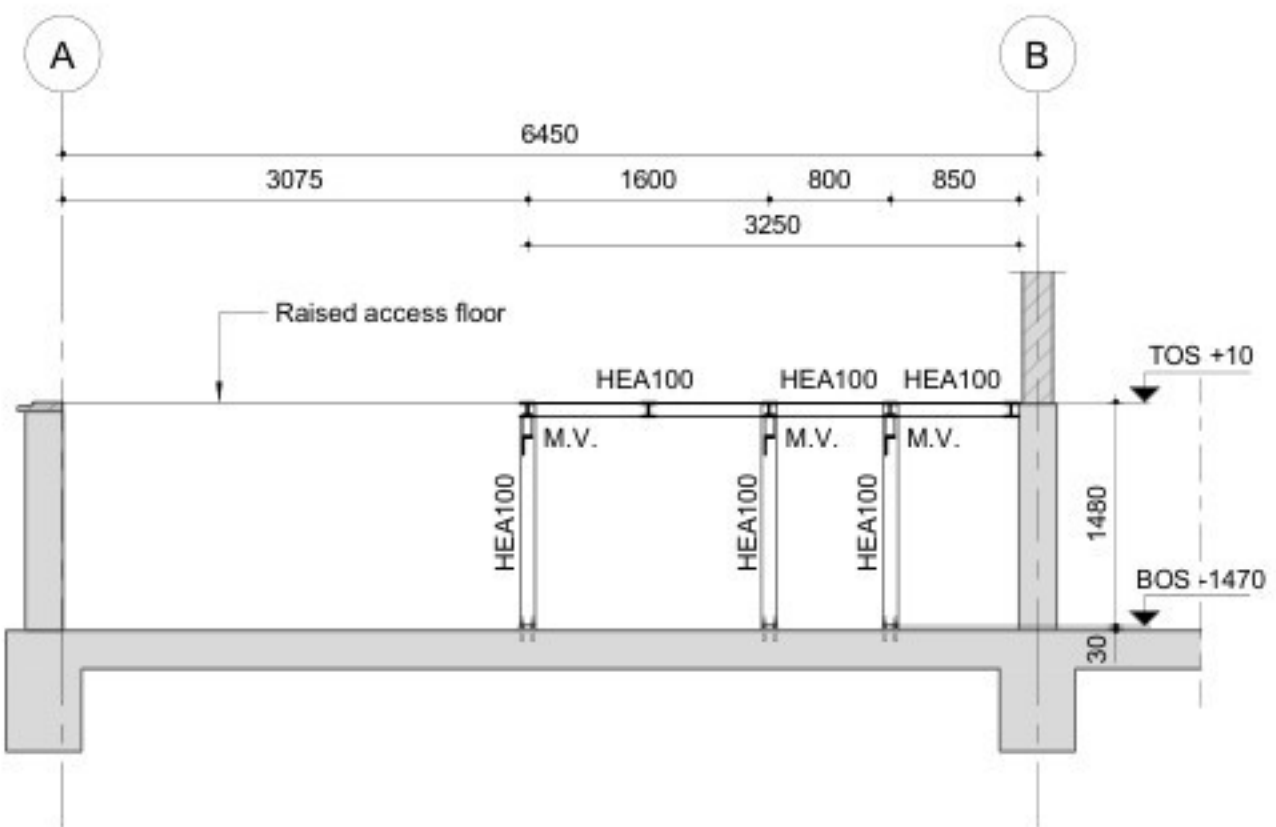
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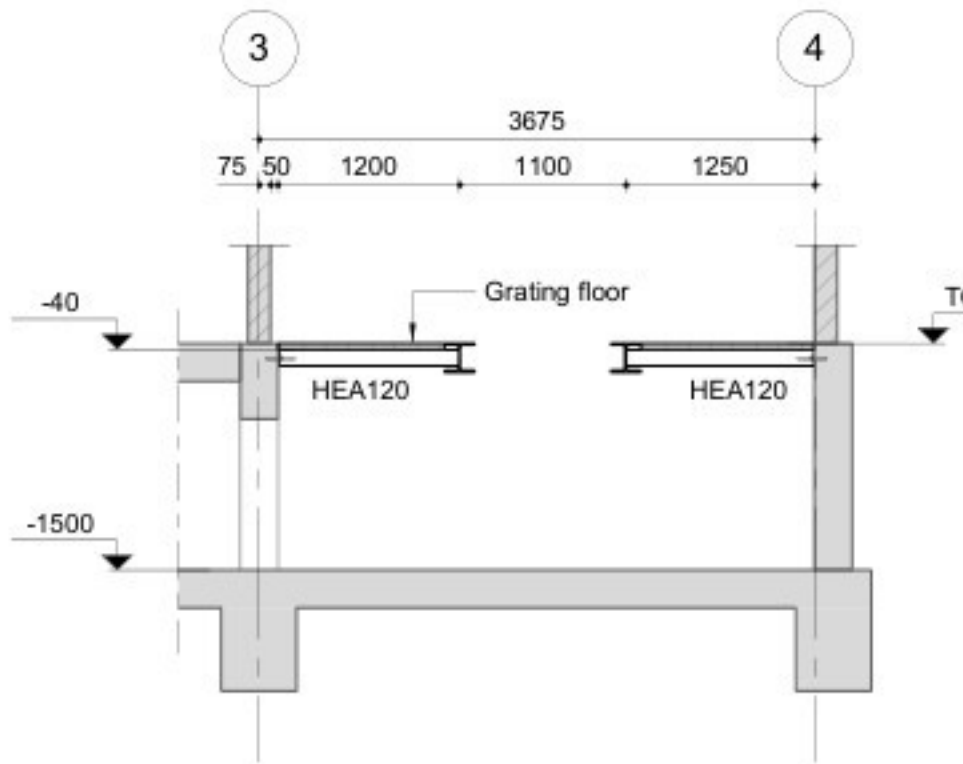
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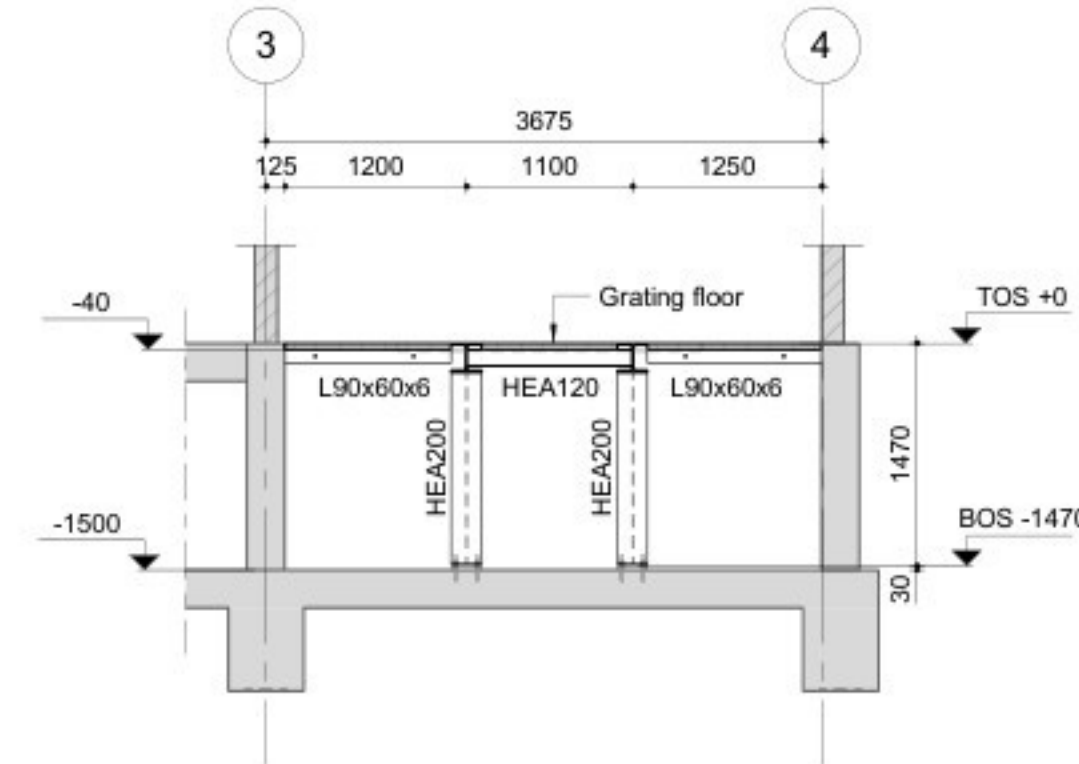
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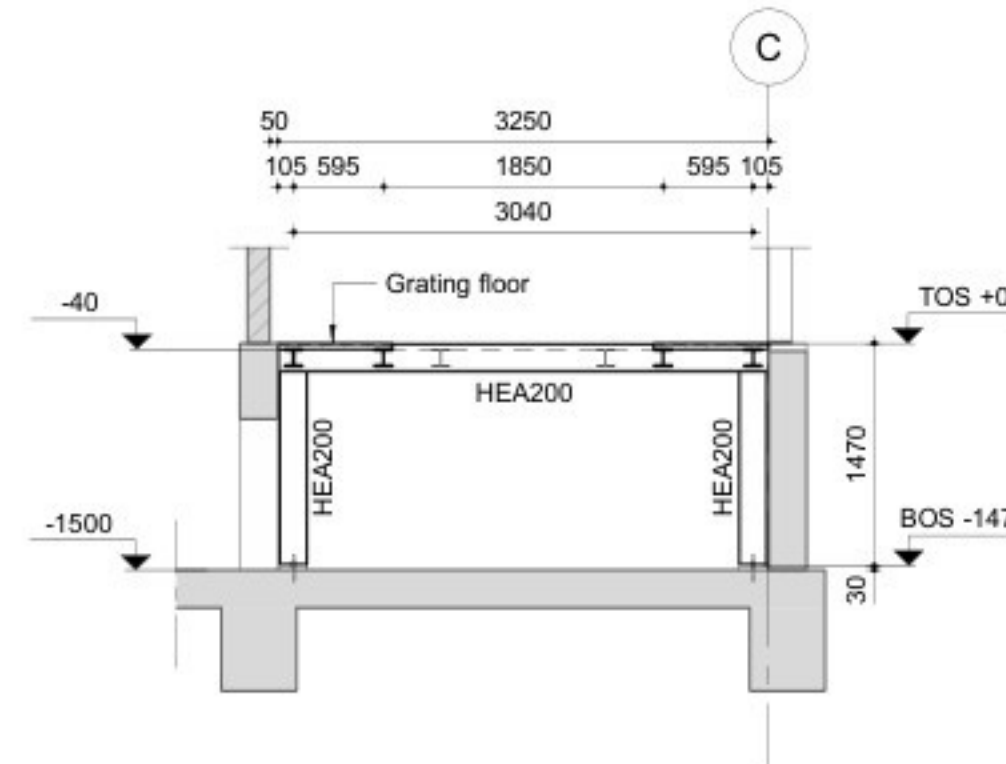
Section SH
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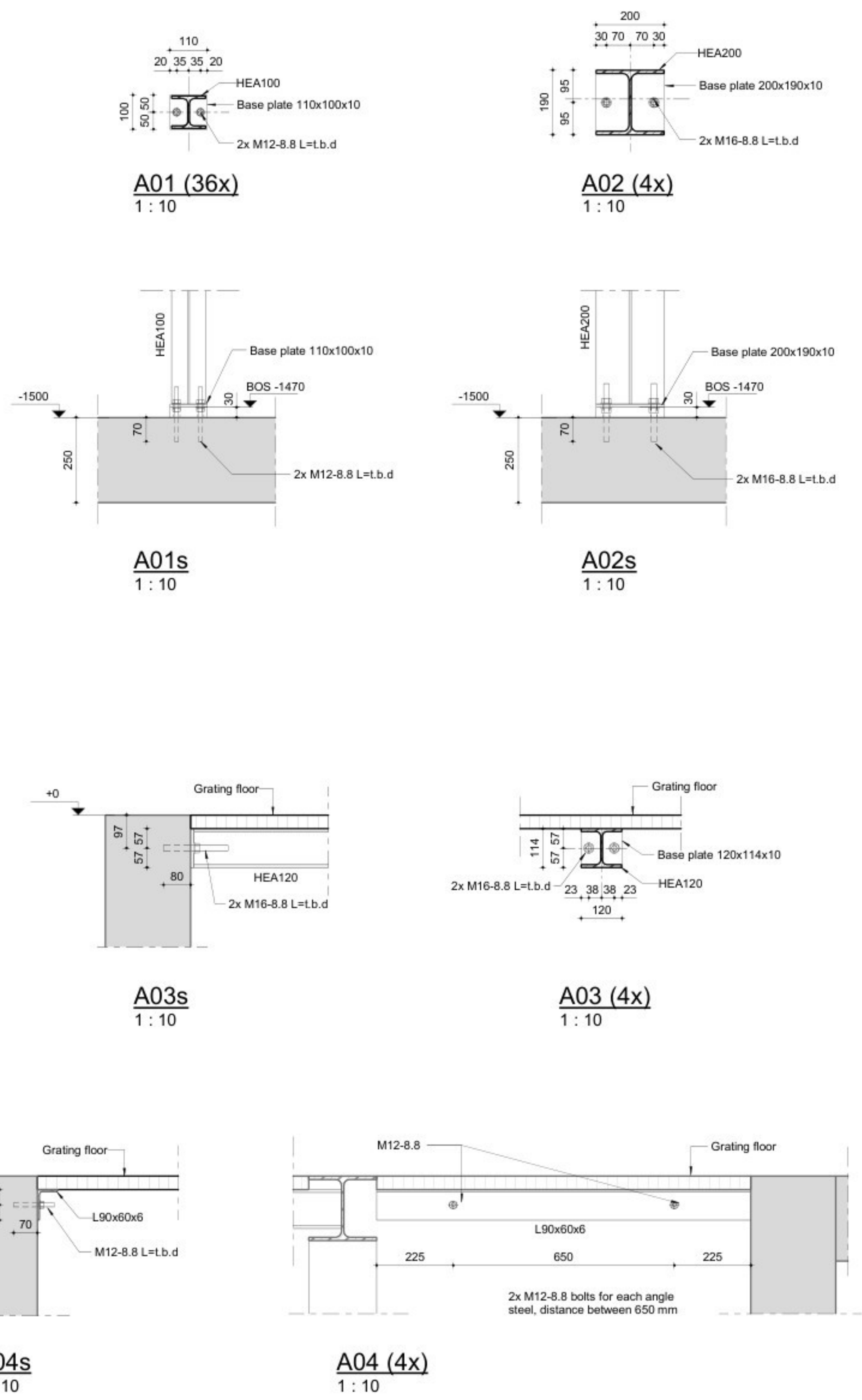
Section SI
1 : 50



Section SJ
1 : 50



Section SK
1 : 50



- General notes**
- Unless otherwise indicated:
 - Level = 0 = XX +N.A.P. = Top of raised access floor
 - All dimensions in mm.
 - All levels in mm in respect to Level.
 - The contractor is responsible for measuring the Level in relation to N.A.P.
 - All dimensions must be checked on site.
 - It is not allowed to measure from this drawing.
 - Revisions are indicated by the following symbol: (X) (X indicates the current revision)
- Legend steel structures**
- TOS = Top of steel
 - BOS = Bottom of steel
 - H.S. = Horizontal slotted hole
 - V.S. = Vertical slotted hole
 - S.V. = Stability tracing
 - M.V. = Moment-resisting connection
 - --- = Span direction of roof panels
 - E.S. = Earthing provision L.b.d.
- Steel structures**
- Bolt quality: rolled thread, minimum 8.8 (NEN-ISO 898-1), minimum 2 per connection.
 - Nut quality: minimum 8 (NEN-ISO 898-1).
 - Anchor bolt quality: Stud anchor: rolled thread, minimum 8.8 (NEN-ISO 898-1) with anchor plate. Hook anchor: rolled thread, minimum 4.6 (NEN-ISO 898-1).
 - Welding: Minimum fillet weld throat thickness a = 4 mm all around, unless noted otherwise. Plate thickness 12-20 mm: a min = 5 mm. Maximum fillet weld a, max = 0.7L, L = thickness of the thinner plate.
 - Minimum dimensions: End plates 10 mm. Base plates 10 mm. Bolts M16, minimum 2 pieces to be used.
 - Execution according to NEN-EN 1090.
 - Steel to be executed in EXC2 unless noted otherwise.
 - All beam ends to be provided with plates l = 10 mm.
 - Blasting: according to NEN-EN 1090, cleanliness grade Sa 2.5. Steel exposed to outdoor air to be hot-dip galvanized according to NEN-EN-ISO 1461 (min. 70 / 80 / 90 µm).
 - Columns to be grouted with shrink-compensating mortar (Cugla assembly mortar or equivalent) with a minimum compressive strength of K50 / 70 / 90, prior to applying load.
 - The contractor is responsible for the detailed engineering of the structure.
 - Beams to be provided with stiffeners at column supports.
 - All steel connections to be provided with bolts unless noted otherwise.
 - In addition to applicable specifications, all working drawings and calculations prepared by the contractor, must be submitted to the supervising engineer for approval prior to assembly.
 - Earthing provisions: according to specification.
 - Stability bracing to be tensioned during assembly.
 - Where necessary, stability during construction must be ensured by temporary supports; the contractor is responsible for structural stability during the construction phase.
 - Bolts, nuts, washers and anchors to be hot-dip galvanized / coated as the steel structure.

Situate

Project loc.

Kadastrale gegevens
Gemeente: Lelystad
Sectie: H
Kadastrale gemeente: Lelystad
Perceelnummer: 324

0 27-02-2026 RFQ

REV. DATE DESCRIPTION

TITLE

Utilitybuilding FL91UBB10
Steel structure

CLIENT: ENGIE Energie Nederland N.V.
PROJECT: BSMC
ENGIE DOC NUMBER: FILE 91-B-0000000000-CE-0036
BILFINGER Engineering & Consultancy B.V.
BILFINGER DOC NUMBER: HT29154-1346002

SCALE: 1:10/50
SIZE: A0
SHEET: 1
REV: 0