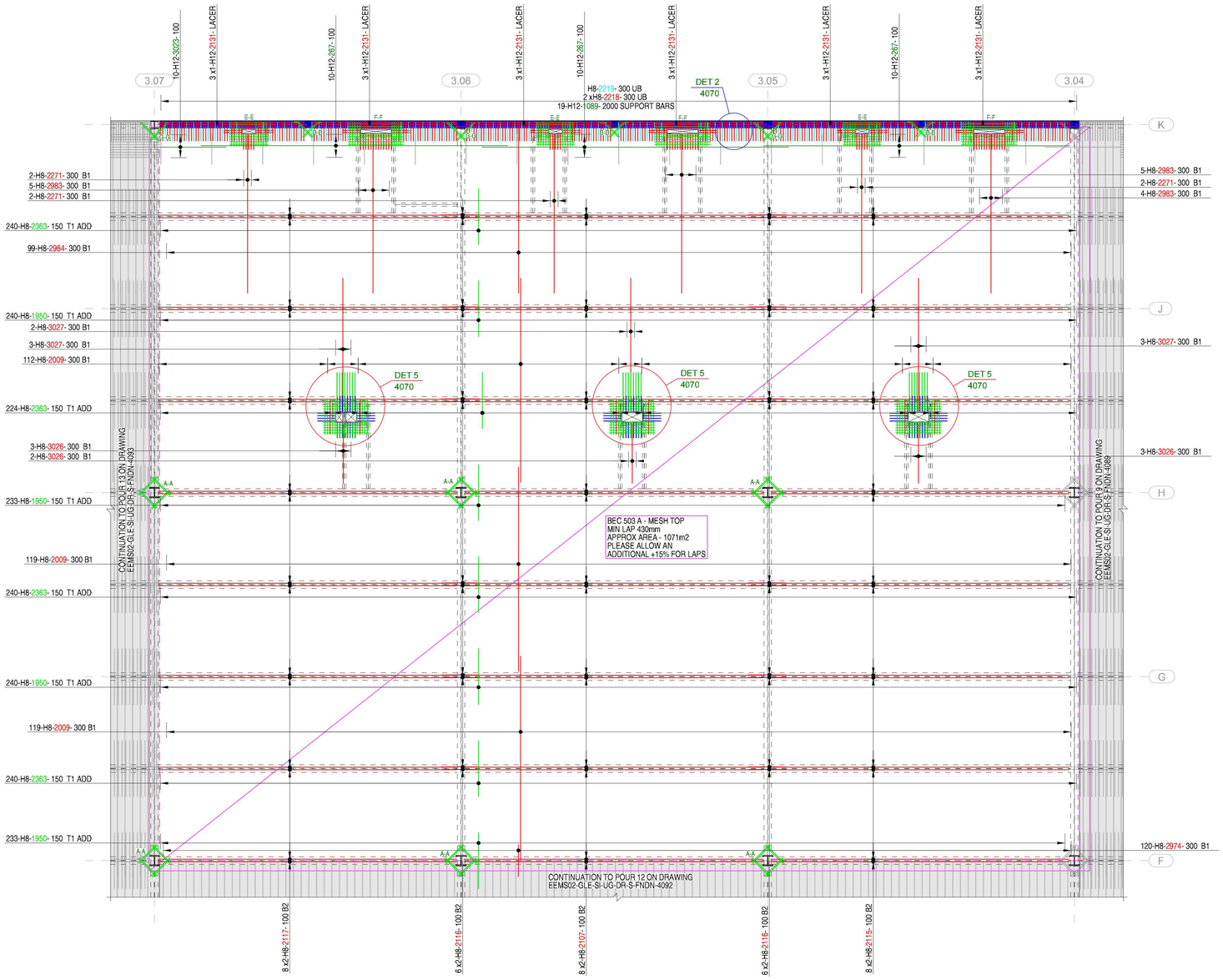

POUR 11

DATA HALL FIRST FLOOR PLAN

1:100

Notes:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION AND ALL OTHER RELEVANT APPLICABLE DOCUMENTS.
2. ALL DIMENSIONS ARE MILLIMETRES UNLESS STATED OTHERWISE
3. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE AND NOTIFIED TO THE DRAWING AUTHOR OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
4. CONTRACTOR TO CONFIRM ALL LEVELS AND DIMENSIONS ON SITE.

COVER:
TOP=25mm
SIDES=25mm
BOTTOM=30mm

CONCRETE GRADE:
C32/37

LAPS & ANCHORAGE LENGTHS:
Minimum lap and anchorage lengths shall be in accordance with EN1992-1-1:2004 as follows:

MIN LAP LENGTHS(mm)

Bottom bars (Good bond)		Top bars (Poor bond)	
H8	- 430	H8	- 430
H10	- 540	H10	- 540
H12	- 640	H12	- 640
H16	- 860	H16	- 860
H20	- 1080	H20	- 1080
H25	- 1350	H25	- 1350
H32	- N/A	H32	- N/A
H40	- N/A	H40	- N/A

For elements 250mm deep or less use 'Good' bond conditions for top and bottom bars
For elements over 250mm deep use 'poor' bond condition for top bars
Lap length increased by 50% where not staggered to conform with EN-EC2 standards

REINFORCEMENT NOTATION

XX H12 01-250 T1

- QUANTITY OF BARS
- BAR TYPE AND SIZE
- BAR MARK
- BAR CENTRES
- LAYER OF STEEL
  - SB - side bars
  - ADD - additional bars
  - B - bottom
  - T - top
  - NF - near face
  - FF - far face
  - UB - U-bar

REINFORCEMENT LISTED ON BAR BENDING SCHEDULE:
EEMS02-GLE-SI-UG-SH-S-FNDN-4091

FOR DETAILS ON OPENING, COLUMN AND BOXOUTS REFER TO DRAWING:
EEMS02-GLE-SI-UG-DR-S-FNDN-4070

B1 BARS IN TROUGH

CONSTRUCTION JOINT

Pieters BOUWTECHNIEK

Project: 723094 Datacenter EEMS02, Eemshaven
Datum / Uitgegeven: 09-09-2024
Bekeurd door: Harold Spies : 09-09-2024
Bouwdeelhaden: No remarks

De controleren documenten door Pieters Bouwtechniek omvat:
- het controleren op constructieve uitgangspunten.
- het globaal beoordelen van de toegepaste berekeningsopzet en het globaal controleren of de uiteindelijk door schuffen correct worden toegepast.
- de controle op de aansluiting van de constructie op de omgeving voor de mening van Pieters Bouwtechniek bijzondere risico's op verhoogde veiligheid waarvoor bijzondere aandacht moet worden bestoed. De controle en beoordeling betreffen NIET de realisatiewijze.

Rev	Description	Date	Drawn By:	Checked By:
C01	ISSUED FOR CONSTRUCTION	06/09/24	[redacted]	
P01	ISSUED FOR APPROVAL	03/09/24		

Client:
Quality Technology Services B.V.
Zernikelaan 16
9747 AA Groningen
The Netherlands

Project:
QTS - Project Lion EEMS02 (BI6367)
Kweekkenweg
Groningen, Eemshaven
The Netherlands

Designer:
Royal HaskoningDHV
Laan 1914 no 35
3818 EX Amersfoort P.O. Box 1132
3800 BC Amersfoort
The Netherlands
e-mailto:info@rhdhv.com
www.royalhaskoningdhv.com

Main contractor:
Mercury Engineering
Mercury House
Ravens Rock Road
Sandyford Business District
Dublin D18 XHT9
Ireland
info@mercuryeng.com(+353 1 216 3000)www.mercuryeng.com

Subcontractor:

Subject:
FIRST FLOOR SLAB
POUR 11
RC DETAILS

Onderw.

Project number: Fase: EMS02	**Originator: Fase:** GLE	**Stage: Fase:** RIBA4	**Revision:** C01 / **Status:** A1
Volume: XXX:	**Level: XXX:**	**Role: Rol:** Structural Engineer	
Discipline: XXX:	**Classification: XXX:**	**Scale: Schaal:** As Indicated	**Size: Form.:** A1 (841x594)
Doc/Sht Nr: Doc/Tek Nr: EEMS02-GLE-SI-01-DR-S-SLAB-4091		**Designed By:**	**Drawn By:** [redacted] / **Checked By:** [redacted]

Tekla Structures