Los Eurocódigos estructurales

Jornada informativa

EN1996: Eurocódigo 6. Estructuras de fábrica

8 de junio de 2022

Fco. Javier León

ETSICCP-UPM

Presidente UNE CTN 140 / SC6

Contenido

1. Justificación
2. Partes
3. Status
4. Contenido del nuevo EC6

https://www.google.com/search?q=brickwork+uk&rlz=1C1GCEU_enES992ES992&source=lnms&tbm=isch&sa=X&ved=2ahUKEwjh-d2d1pv4AhVInRoKHVoLDV0Q_AUoAXoECAEQAw&biw=1456&bih=640&dpr=1.1#imgrc=YKxVE37xfIU2yM

https://www.taylormaxwell.co.uk/offsite-solutions

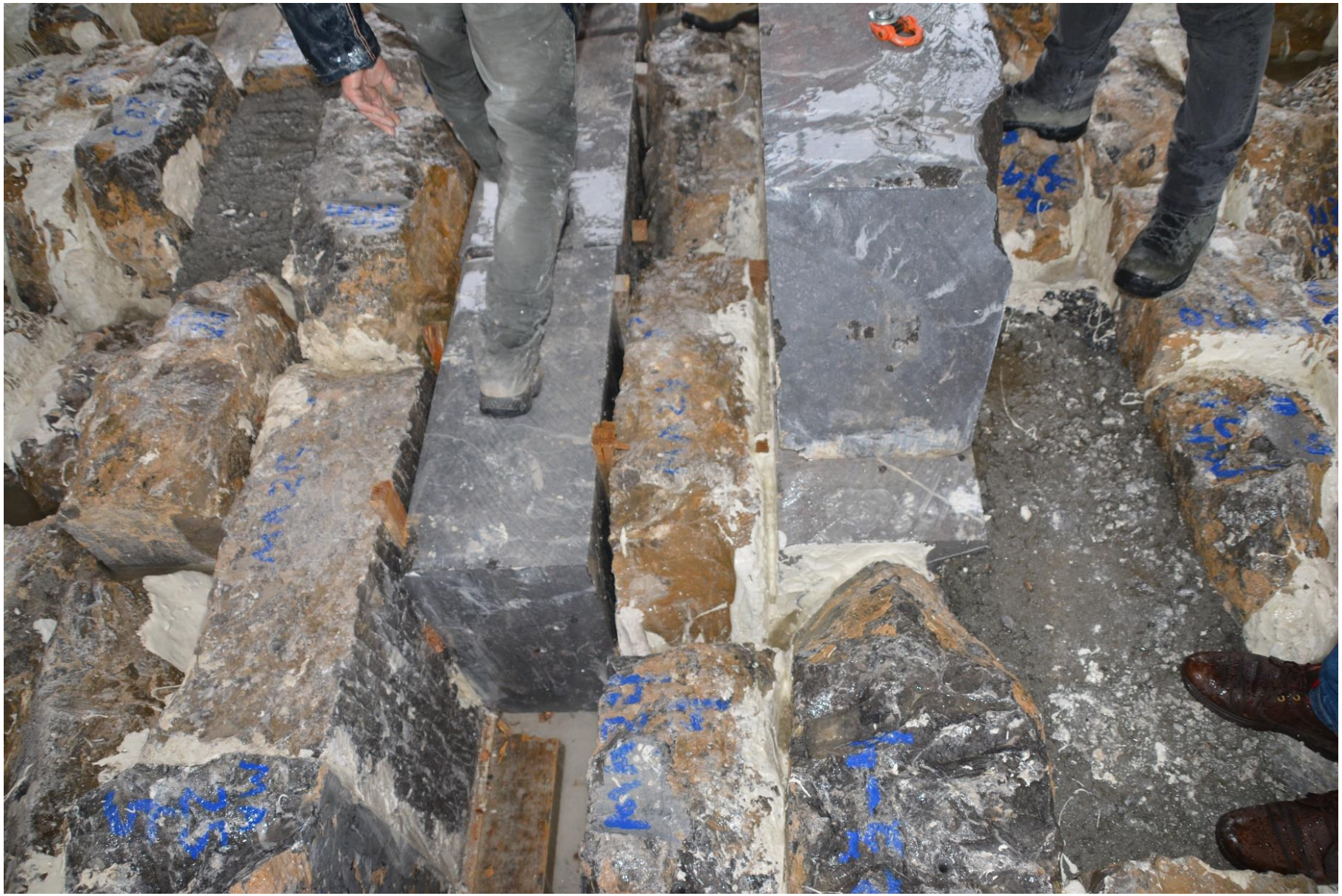
https://www.taylormaxwell.co.uk/offsite-solutions

Catedral de Jaén

Puente de Deba

Puente de Deba

Puente de Deba



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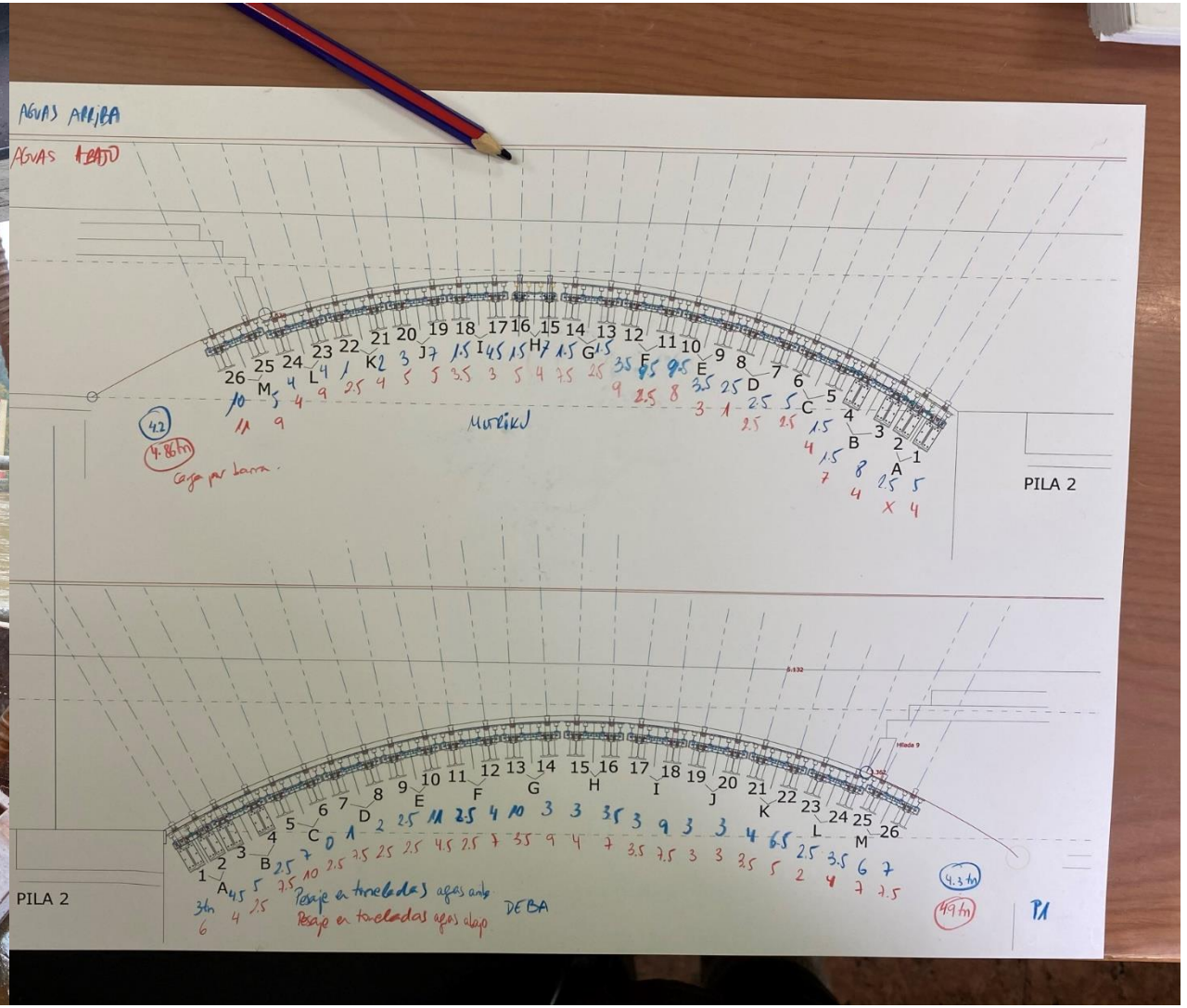

Puente de Deba

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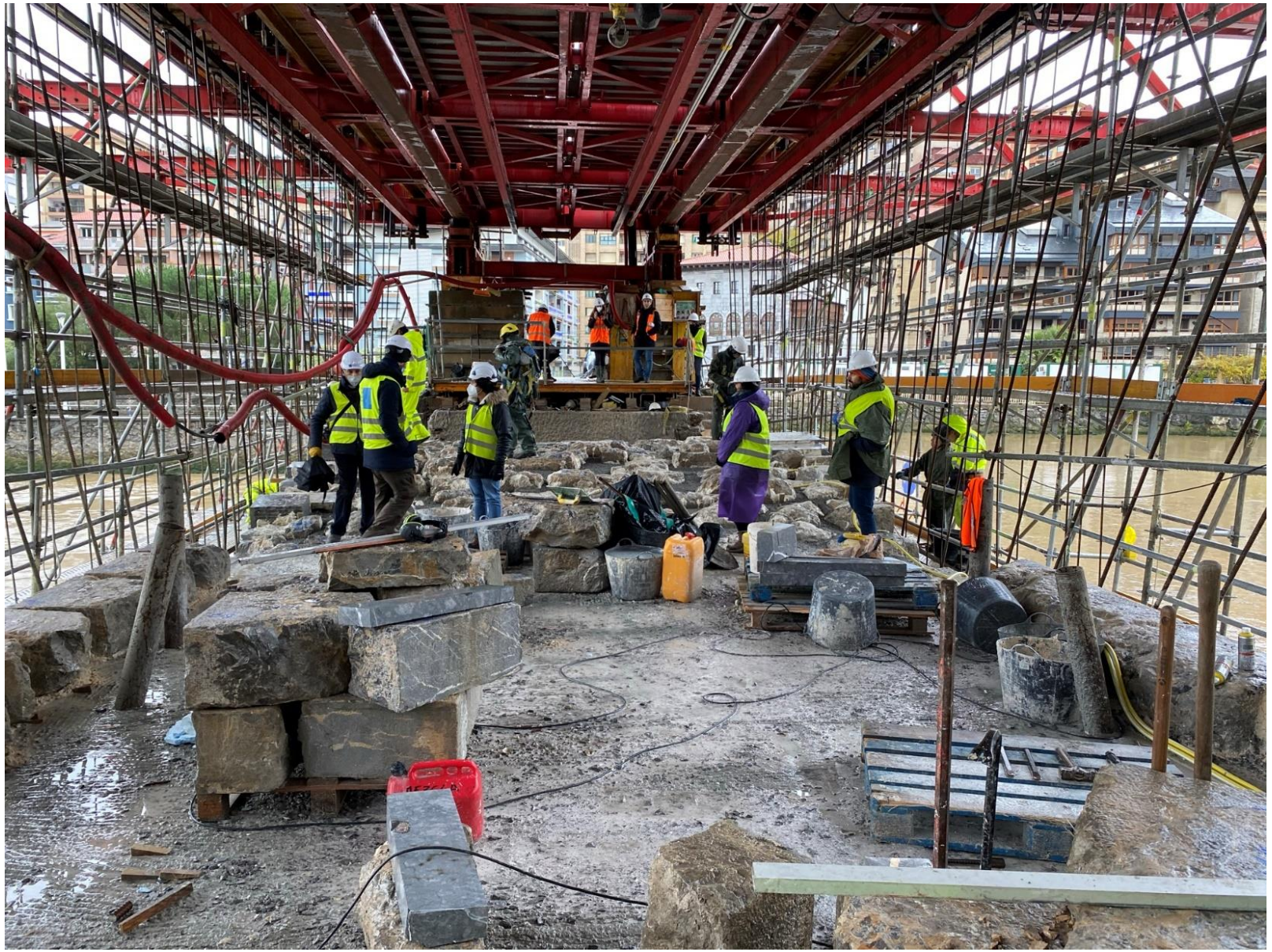

Puente de Deba


Prototipo de pasarela pretensada. ETSICCP-UPM, 2019

Contenido

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EN 1996-1-1:2005	Part 1-1: General rules for reinforced and unreinforced masonry structures
EN 1996-1-1:2005	Part 1-2: General rules – Structural fire design
EN 1996-2:2002	Part 2: Design considerations, selection of materials and execution of masonry
EN 1996-3:2005	Part 3: Simplified calculation methods for unreinforced masonry

Contenido

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EN 1996-1-1:2005	Part 1-1: GprEN 1996-1-1. *Se ha votado su aprobación el 02/12/21 con "abstención" al no haber participado en la redacción y posterior revisión.*
prEN 1996-1-3:	*El 12/12/2021 se han remitido comentarios técnicos y editoriales.*

Contenido

1. Justificación
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4. **Contenido del nuevo EC6**

1. Scope
2. Normative references
3. Terms, definitions and symbols
4. Basis of design
5. Materials
6. Durability
7. Structural analysis
8. Ultimate limit states
9. Serviceability limit states
10. Detailing
11. Execution

Annexes A to K (11)

EN 1996-1-1 Informative Annexes

EN 1996-1-1 2005+ A1:2011	EN 1996-1-1:2022
Annex A (informative) Consideration of partial factors relating to Execution	Annex A (informative) Consideration of partial factor for materials relating to execution
Annex B (informative) Method for calculating the eccentricity of a stability core	Annex B (informative) Method for calculating the second order effect
Annex C (informative) A simplified method for calculating the out-of-plane eccentricity of loading on walls	Annex C (informative) Simplified methods for calculating the out-of-plane eccentricity of loading on walls
Annex D (informative) Determination of r3 and r4	
Annex E (informative) Bending moment coefficients,	Annex D (informative) Bending moment coefficients, α2, in single leaf laterally loaded wall panels
Annex F (informative) Limiting height and length to thickness ratios for walls under the serviceability limit state	Annex E (informative) Limiting height and length to thickness ratios for unreinforced walls and walls with only bed joint reinforcement under the serviceability limit state
Annex G (informative) Reduction factor for slenderness and eccentricity	Annex F (informative) Capacity reduction factor for slenderness and eccentricity

EN 1996-1-1 Informative Annexes

EN 1996-1-1 2005+ A1:2011	EN 1996-1-1:2022
Annex H (informative) Enhancement factor as given in concentrated loads	
Annex I (informative) Adjustment of lateral load for walls supported on three or four edges subjected to out-of-plane horizontal loading and vertical loading	Annex G (informative) Adjustment of lateral load for walls supported on three or four edges subjected to out-of-plane horizontal loading and vertical loading
Annex J (informative) Reinforced masonry members subjected to shear loading: enhancement of fvd .	Annex H (informative) Reinforced masonry members subjected to shear loading: enhancement of the design shear strength of masonry.
	Annex I (informative) A design method for complex shaped members subjected to mainly vertical loading
	Annex J (informative) Method for walls under combined lateral and vertical loading taking buckling due to vertical loading and flexural strength into account .
	Annex K (informative) Mean material properties.

Muchas gracias por su atención

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