

**ARCHITECTURAL NOTES ON GERMAN
CHURCHES; A NEW ADITION TO
WHICH IS NOW ADDED NOTES
WRITTEN DURING AN ARCHITECTURAL
TOUR IN PICARDY AND NORMANDY**

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Architectural notes on German churches; A new addition to which is now added notes written during an architectural tour in Picardy and Normandy by W. Whewell

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W. WHEWELL

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ON

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A NEW EDITION.

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NOTES

WRITTEN DURING AN ARCHITECTURAL TOUR

IN

PICARDY AND NORMANDY.

BY THE REV. W. WHEWELL, M.A.

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DESCRIPTION OF THE PLATES.

PLATE I. Represents the steps which form the transition from circular to pointed vaulting. Fig. 1. is Roman vaulting (see p. 37), the vault-arches in both directions being semi-circular. Fig. 2. represents the kind of vaulting called Welch vaulting, which was necessary when the length and breadth of the vaulted space were different, and both were covered with semi-circular vaults. Fig. 3. shews the way in which this form was avoided (p. 37; and p. 58, No. 6.) the vault-arch in one direction being still semi-circular, and this vault being crossed by another pointed one, of the same height but smaller width. Fig. 4. (p. 37; and p. 58, No. 6.) has pointed vault-arches both ways. Fig. 5. (p. 60, No. 8.) represents sex-partite vaulting: all the vaults being pointed. Fig. 7. is octopartite vaulting on a square base, and Fig. 8. octopartite vaulting on an octagonal base (p. 62. and 63. Nos 9. and 10.). For Fig. 6. see Plate IV.

Under the figures in this plate are placed the symbols which would represent the vaulting according to the system explained page 123.

PLATE II. Three Ground-Plans with their vaulting, (see p. 78). Fig. 9, the Cathedral at Mentz; represents a Romanesque Cathedral, with both east and west apses, two transepts, towers at each crossing, and a pair of towers at each end (p. 79). The vaulting of the east apse is a semi-dome (p. 45), of the west apse, polygonal with acute cells (p. 63). The vaulting of the center aisle is groined, with only the transverse ribs pointed (p. 58); the next lateral aisles are Roman vaulting; the exterior aisles are of more modern work, and are pointed both ways.

Fig. 10, St Aposteln at Cologne. A transverse-triapsal church, with a large western tower; two smaller towers at the east, and an octagonal pyramid at the eastern crossing. (See p. 79). It has also a western transept. The apses are vaulted

with semi-domes: the old vaulting of the center aisle is sext-partite on the double compartments, and cylindrical on the single ones; the modern vaulting (represented by dotted lines) has acute transverse vaults over each single compartment, the longitudinal vault being semi-circular. (See p. 62, 98, and 118).

Fig. 11. Abbey Church of Laach. A parallel-triapsal church, (see p. 98), with a semi-circular apse at each end, a pair of square towers at the east, and of round towers at the west, two transepts and towers at the two crossings. (See p. 79). The three aisles have each Roman vaulting in single compartments. There are three apses towards the east, each with a semi-dome. A portal-cloister (see p. 105) occurs at the west end.

These Plans were drawn by the eye without any measurement, and have no pretensions to exactness of proportions or details.

PLATE III. Perspective view of Laach, exhibiting the six towers just mentioned, with their galleries, windows, panneling, corbel-tables, gables and roofing. (See p. 80). The semi-circular west end also is shewn, and part of the portal-cloister.

PLATE IV. Fig. 6. Part of a Romanesque Cathedral, with Roman vaulting in double compartments; shewing the origin of the triforium-space, clerestory, alternate piers, and clerestory windows in pairs. (See p. 43, and 49.)

Fig. 12. A compartment of the church at Sinzig, drawn in memorandum lines only, (see p. 124), exhibiting the principal and intermediate piers, vaulting pillars, triforium, and fan-shaped clerestory windows. (See p. 94.)

Fig. 13. Ground Plan of a pier of engaged shafts and pier-edges. (See p. 87.)

Fig. 14. Ground Plan of pillar, with square abacuses set obliquely. (See p. 95.)

Fig. 15. Cornice which occurs over the apsidal gallery. (See p. 102.)

P R E F A C E.

A NEW edition of the "Architectural Notes on German Churches" having been demanded for some time, I now republish the work, adding to it another Collection of Architectural Notes, of the same kind, and with the same humble pretensions. The hypotheses, comparisons and classifications which I have employed in these remarks, must be looked upon rather as means of describing what I saw, in such a manner as to make it bear upon the general history and philosophy of the art, than as assertions made confidently after thorough examination of the whole subject. For the latter task I had, as I have stated, no leisure or opportunity.

It has been therefore no source of mortification to me, that Dr Boisserée, after speaking of the Architectural Notes in a manner far more favourable than, from a person so profoundly acquainted with German Architecture, I had ventured to hope, has said that I have, "though rightly, too exclusively assumed the method