



Rectangular Segmental Arch Vault
 With Transverse and Longitudinal ribs with
 segmental arches
 Quadripartite vaulting
 with equal height ordinates

Radius = 11.31
 Semi Minor Axis = 11.31
 Semi Major Axis = Radius ÷ cos(51.43°)
 Semi Major Axis = 18.10476

If you zoom in you can see the ordinates don't match the
 Transverse vault rib with the segmental arch radius of 16.76
 It would have been close enough to use for stone vaulting,
 but it is not close enough for sheetrock.