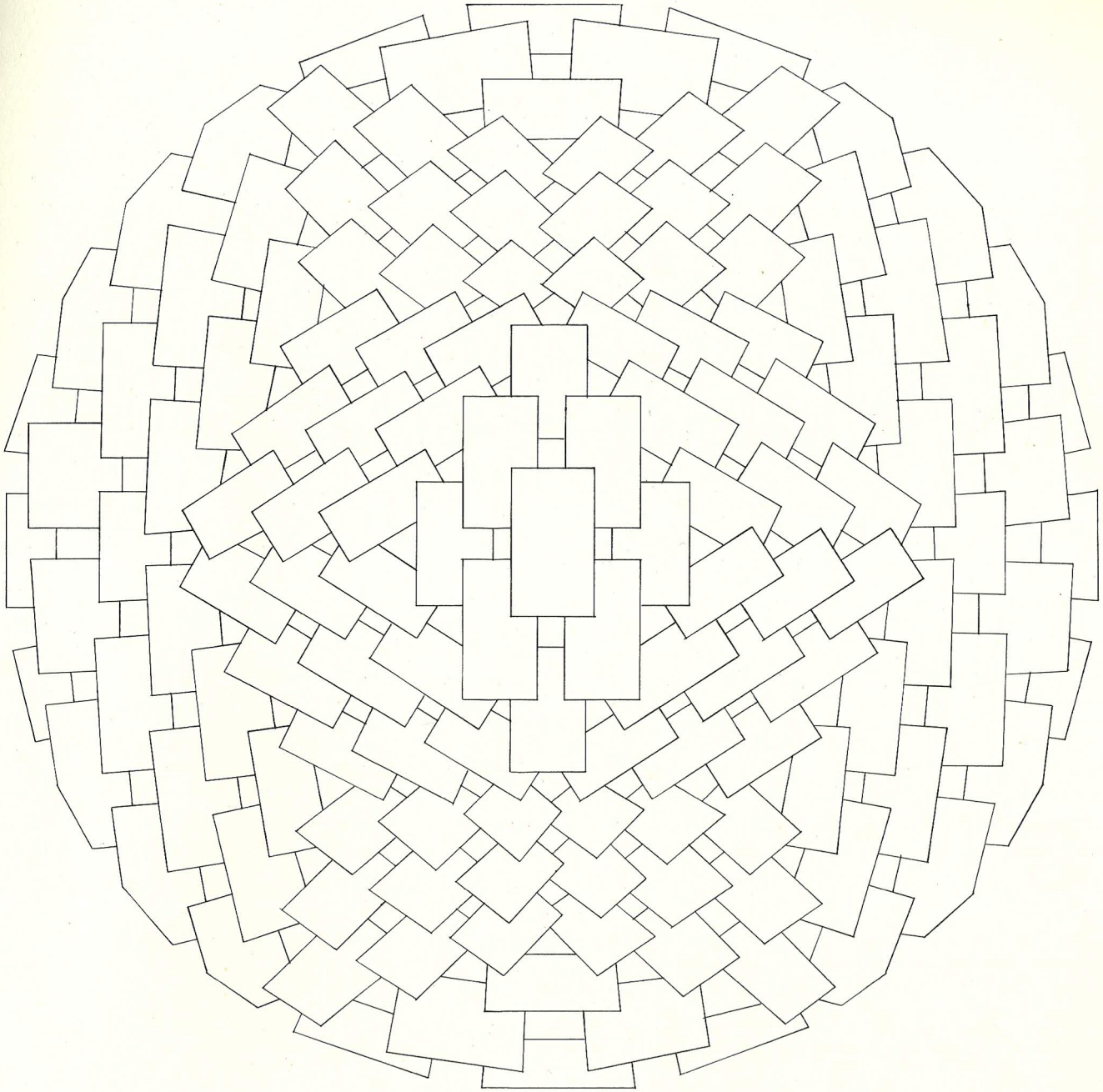

Fig. No. 44 Plan of dome. Plywood, like any semi-flexable planar material can be folder to a degree about an axis. A single sheet could conceivably fold about many axis as long as the creases do not intersect to form compound curves.

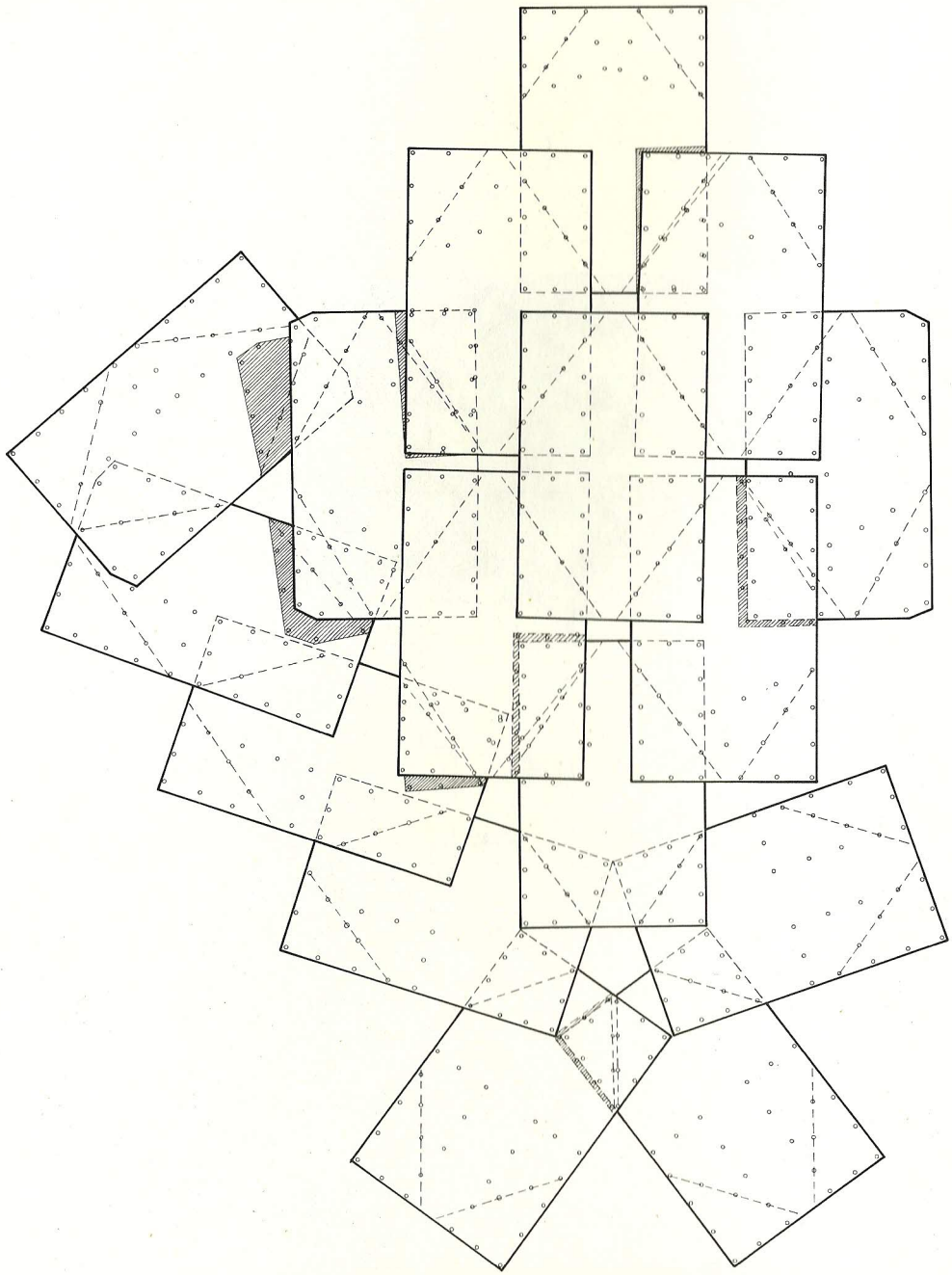

Fig. No. 45 Partial plan of plywood bolt patterns. Sheets are fastened along corner diagonals, when drawn together they pucker out forming a spherical surface. Shaded areas indicate amount sheets must be drawn together.

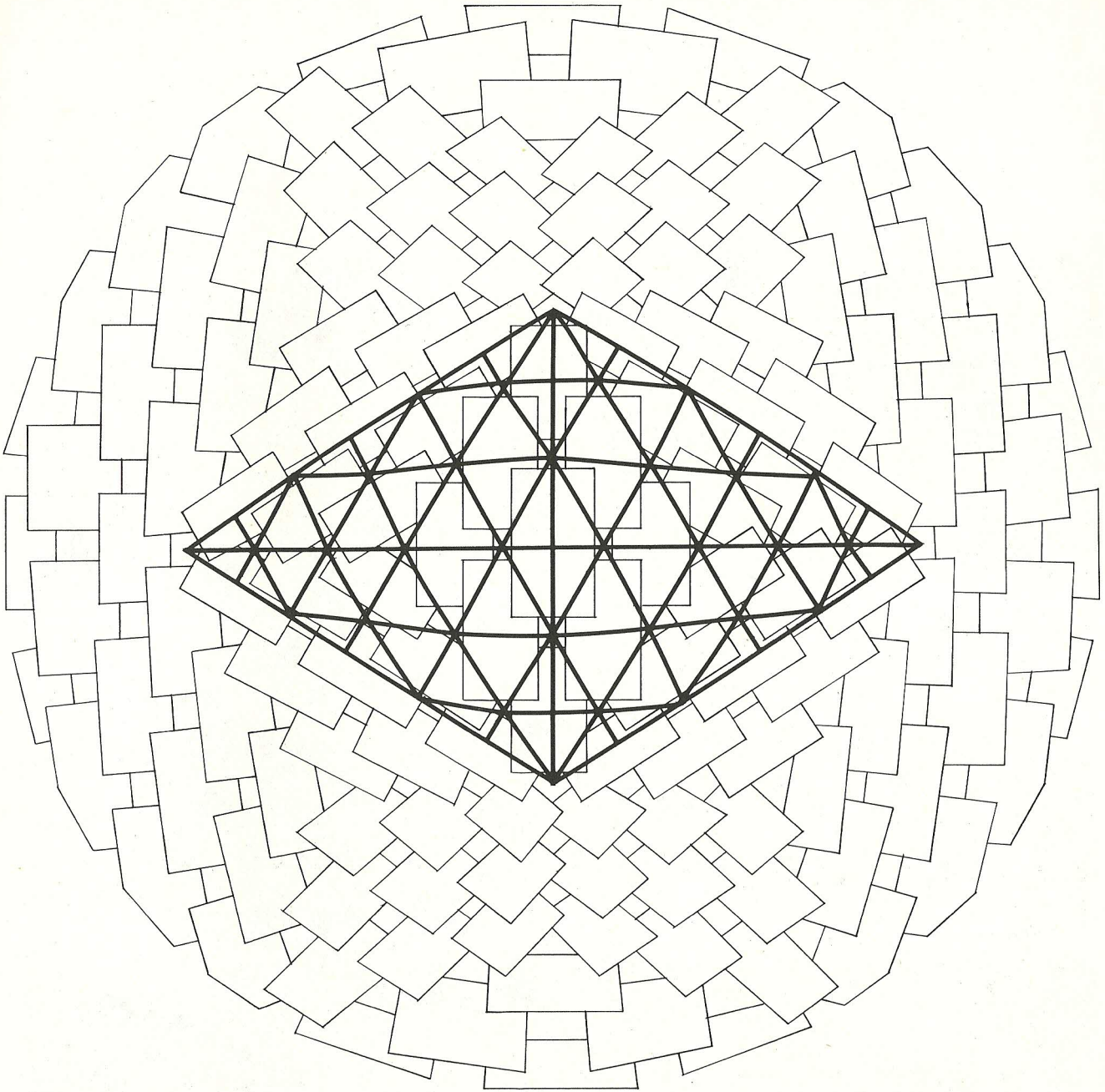

Fig. No. 46 Geometric interpretation of sheet fastener and fold axis. A 6^V Triacon, edge zenith breakdown. Note pentagonal windown remain as cues. Although shingle action aids in water proofing the enormous quantity of fasteners and window variance make this structure questionable. The ingeniousness of the material use for spherical forms however is to be admired. See Fig. 99 for similar erection. Project by Geodesics, Incorporated.