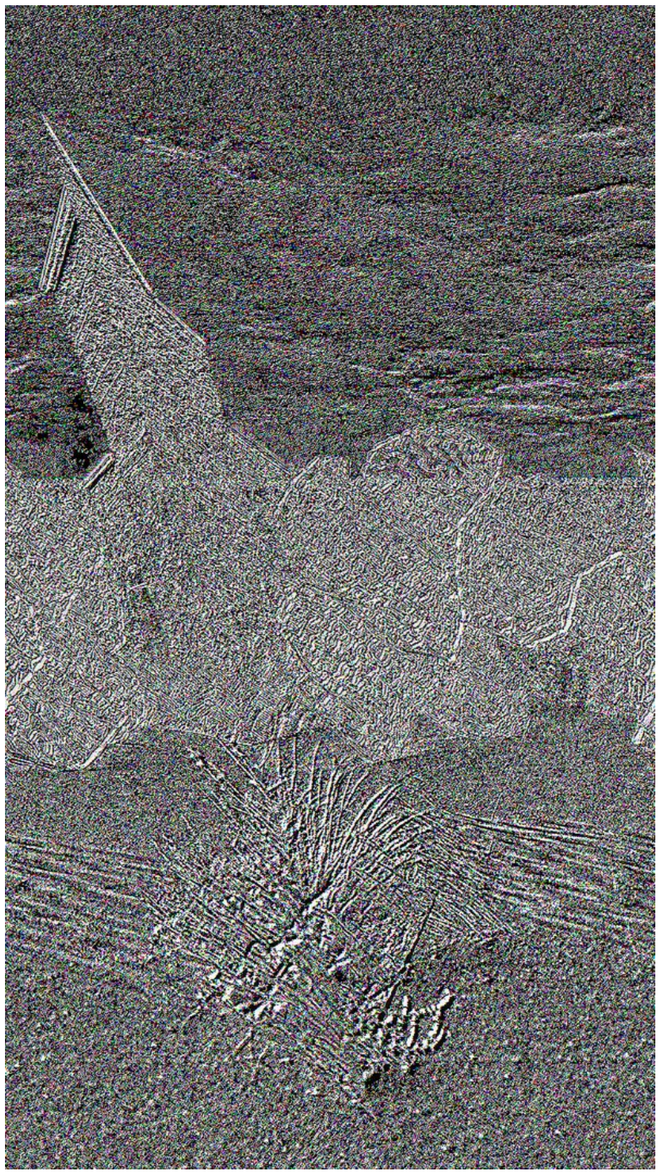
Four-Arch Pavilion

One continuous line across a folded shell



PEDESTRIAN VIEW

Gemini visualization in a limestone courtyard.

Four fixed feet. One folded canopy.

1.29 km of continuous line in the geometric study.

16 proposed assembly zones on the following sheets.

The technical sheets use the model geometry.

FOUR-ARCH PAVILION CONCEPT VISUAL	DESIGN REVIEW / 00 11/14/2026	WEB RELAY / NTS	PROFESSIONAL SEAL RESERVED	ANSI B	G-000

Drawing index and design notes

Geometric study / dimensions shown at stated plot scale

DRAWING INDEX

G-001 Drawing index and design notes

A-101 Top view and setting out

A-201 North and south elevations

A-202 East and west elevations

A-301 Sections through the arches

A-601 Module assembly axonometric

A-602 Crown and rim module layouts

A-603 Contact and seam details

A-701 Module schedule

GEOMETRY

A single 1.29 km toolpath follows the folded shell.

The grown carrier establishes the four feet and crown opening.

The line has a variable round envelope. Its contacts are geometric.

Plan and elevations show the visible form and projected linework.

The eight crown modules and eight rim modules group matched runs.

A module may contain several disjoint runs in the global path order.

The companion CSV gives chainage and both ends of every run.

Module boundaries locate proposed splits. Support, handling and

splice details require prototyping and engineering.

Model coordinates are in metres. Project north is +Y.

REFERENCE DATUMS

Four exact feet at ±3.60 m / 11′-10″ on the cardinal axes.

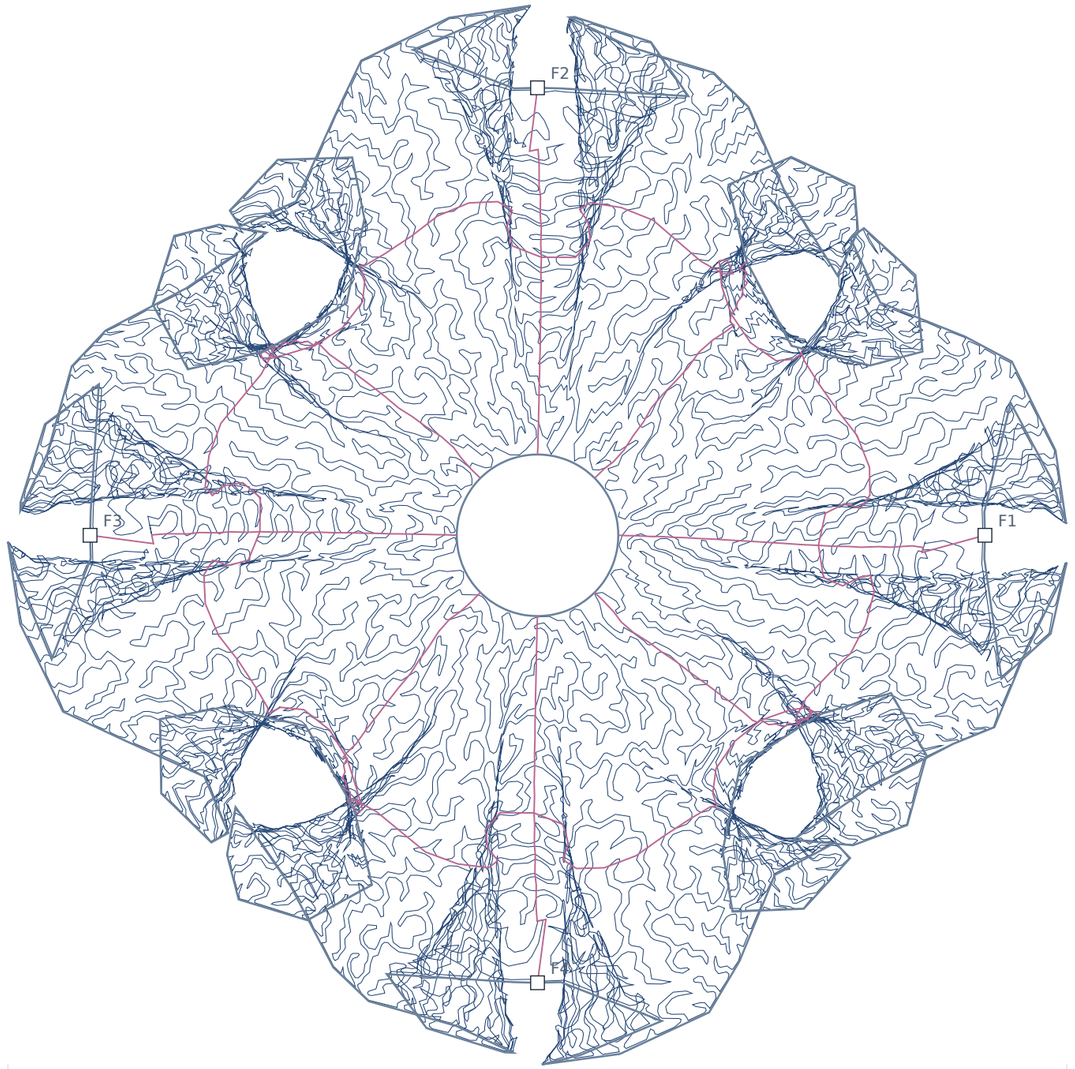
Ground level = +0.00 m. Crown seed level = +3.40 m.

Read graphic scales at 100% on 11 × 17 in paper.

PROJECT / SHEET TITLE	ISSUE / REVISION / DATE	DRAWN / SCALE	PROFESSIONAL SEAL	ANSI B	SHEET
FOUR-ARCH PAVILION Drawing index and design notes	DESIGN REVIEW / 00 11/14/2026	WEB RELAY NTS	RESERVED	11 × 17 IN	G-001 1 / 9

Top view and setting out

Setting out, crown opening, full outer rim and the two module bands



N

0 4 8 FT

LEGEND

Blue / continuous curve

Rose / module seams

Gray / carrier limits

Crown: M01–M08

Rim: M09–M16

1 / A-301 along X

2 / A-301 along Y

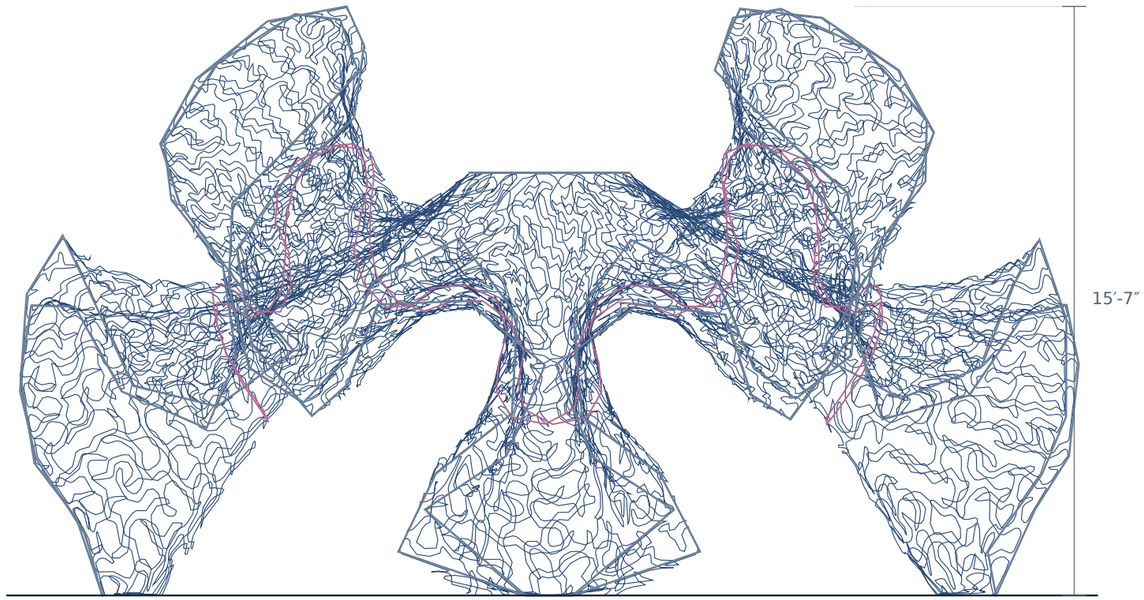
PROJECT / SHEET TITLE	ISSUE / REVISION / DATE	DRAWN / SCALE	PROFESSIONAL SEAL	ANSI B	SHEET
FOUR-ARCH PAVILION Top view and setting out	DESIGN REVIEW / 00 11/14/2026	WEB RELAY 1/4″ = 1′-0″	RESERVED	11 × 17 IN	A-101 2 / 9

DESIGN STUDY / NOT FOR CONSTRUCTION

North and south elevations

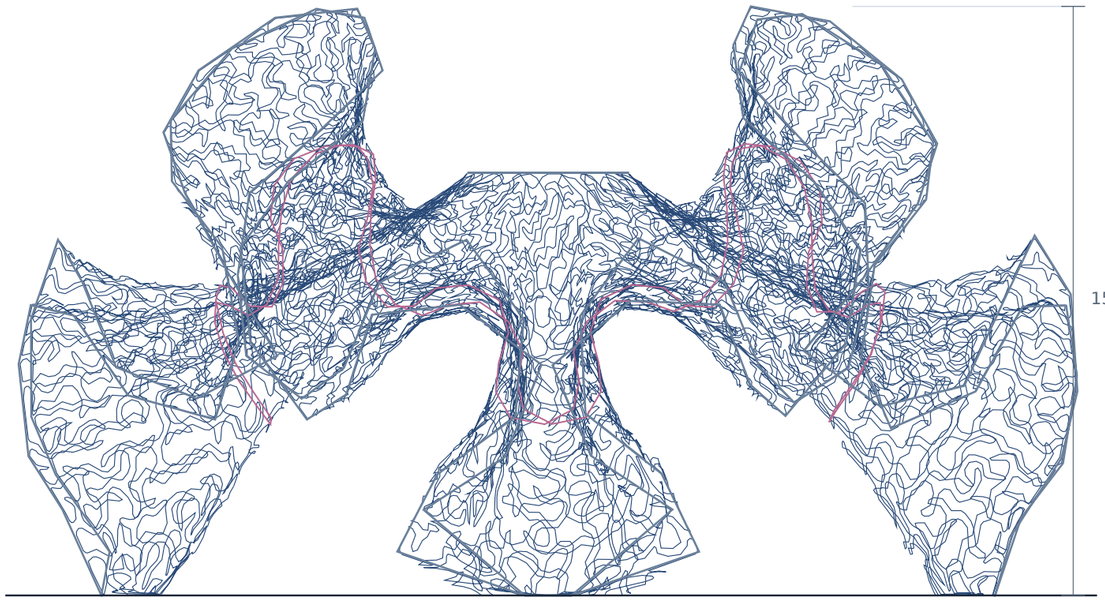
Orthographic projection of the line and formed carrier / ground datum +0.00

1 NORTH



+0.00 GROUND

2 SOUTH



+0.00 GROUND

0 4 8 FT

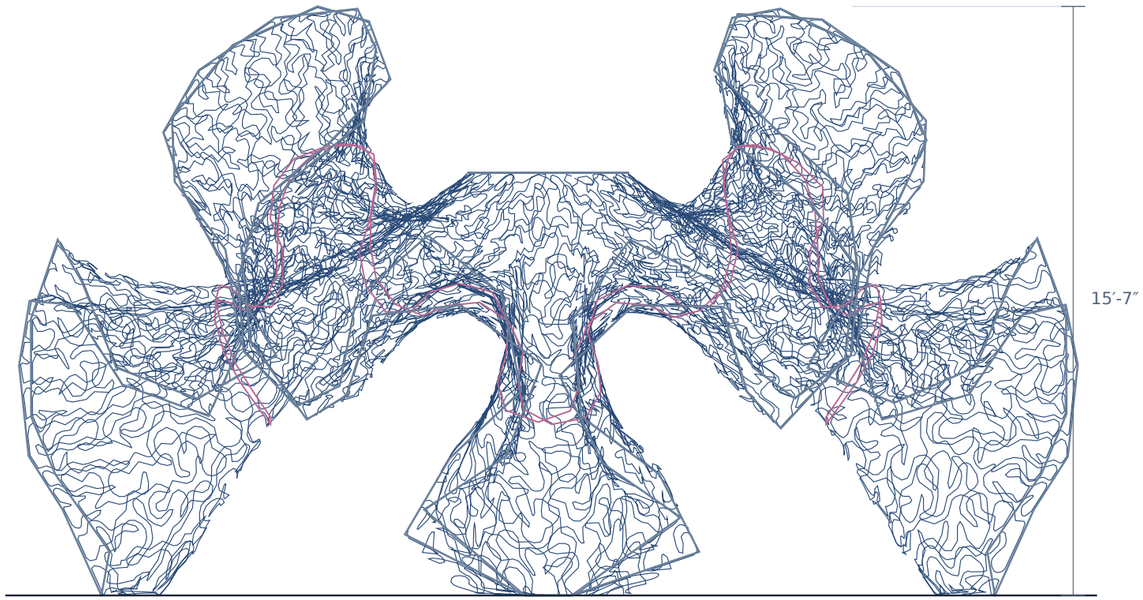
PROJECT / SHEET TITLE	ISSUE / REVISION / DATE	DRAWN / SCALE	PROFESSIONAL SEAL	ANSI B	SHEET
FOUR-ARCH PAVILION North and south elevations	DESIGN REVIEW / 00 11/14/2026	WEB RELAY 1/4″ = 1′-0″	RESERVED	11 × 17 IN	A-201 3 / 9

DESIGN STUDY / NOT FOR CONSTRUCTION

East and west elevations

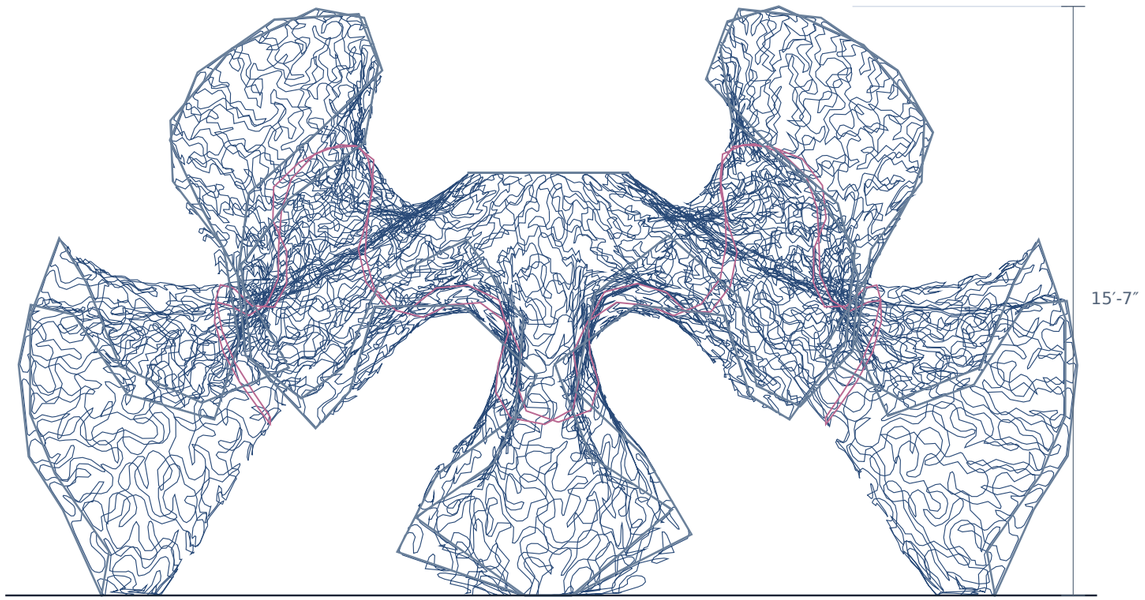
Orthographic projection of the line and formed carrier / ground datum +0.00

1 EAST



+0.00 GROUND

2 WEST



+0.00 GROUND

0 4 8 FT

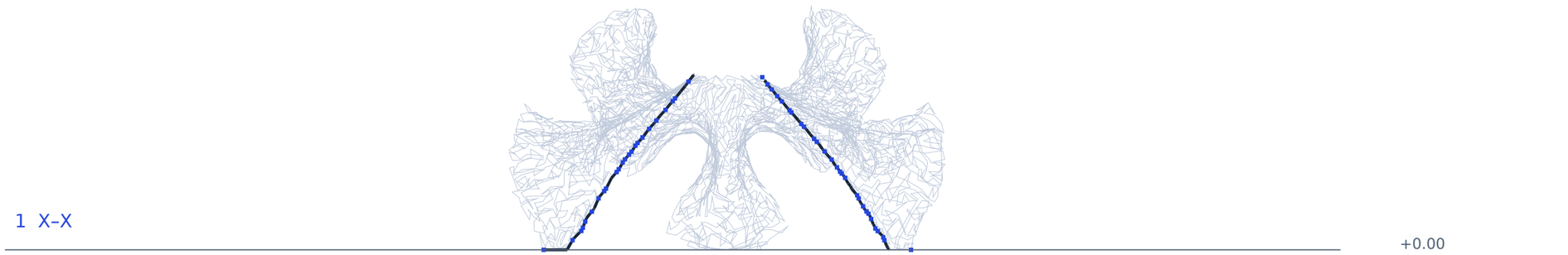
PROJECT / SHEET TITLE	ISSUE / REVISION / DATE	DRAWN / SCALE	PROFESSIONAL SEAL	ANSI B	SHEET
FOUR-ARCH PAVILION East and west elevations	DESIGN REVIEW / 00 11/14/2026	WEB RELAY 1/4″ = 1′-0″	RESERVED	11 × 17 IN	A-202 4 / 9

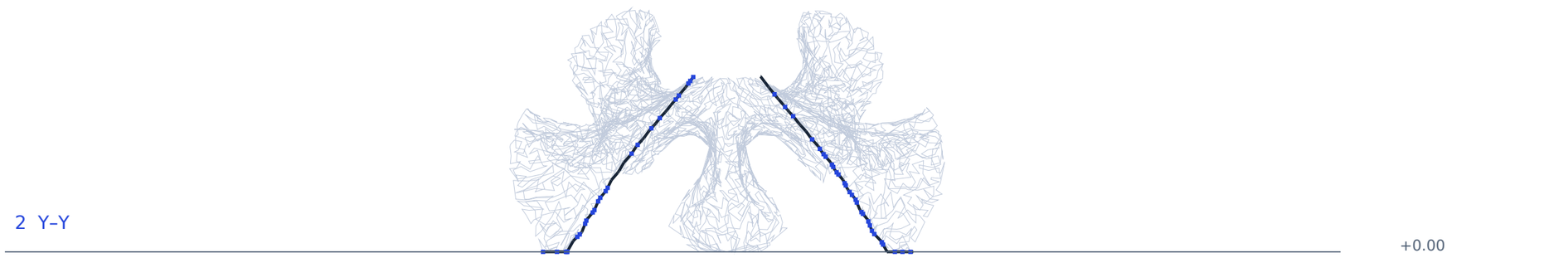
Sections through the arches

Cutting planes through the four ground contacts / curve beyond lightly projected

Cut carrier / black

Line at section / blue





0 4 8 FT

PROJECT / SHEET TITLE	ISSUE / REVISION / DATE	DRAWN / SCALE	PROFESSIONAL SEAL	ANSI B	SHEET
FOUR-ARCH PAVILION Sections through the arches	DESIGN REVIEW / 00 11/14/2026	WEB RELAY 1/8″ = 1′-0″	RESERVED	11 × 17 IN	A-301 5 / 9

Module assembly axonometric

Exploded by chart sector / match run ends by chainage and coordinate

1 Locate four feet on the datum.

2 Fit the eight crown modules on temporary works.

3 Match each rim seam using the run schedule.



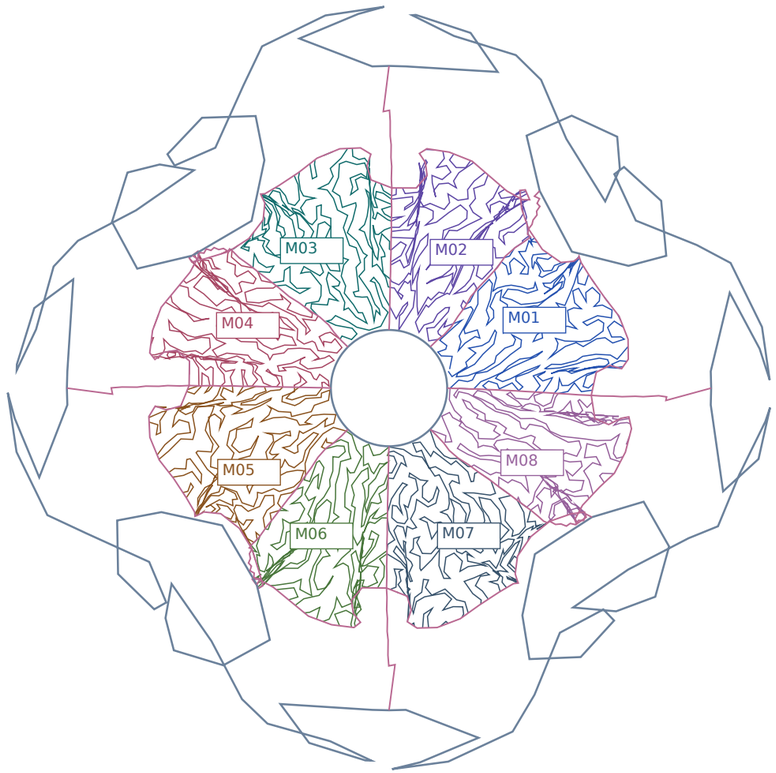
Exploded view is diagrammatic. Support and joining sequence are provisional.

PROJECT / SHEET TITLE	ISSUE / REVISION / DATE	DRAWN / SCALE	PROFESSIONAL SEAL	ANSI B	SHEET
FOUR-ARCH PAVILION Module assembly axonometric	DESIGN REVIEW / 00 11/14/2026	WEB RELAY NTS	RESERVED	11 × 17 IN	A-601 6 / 9

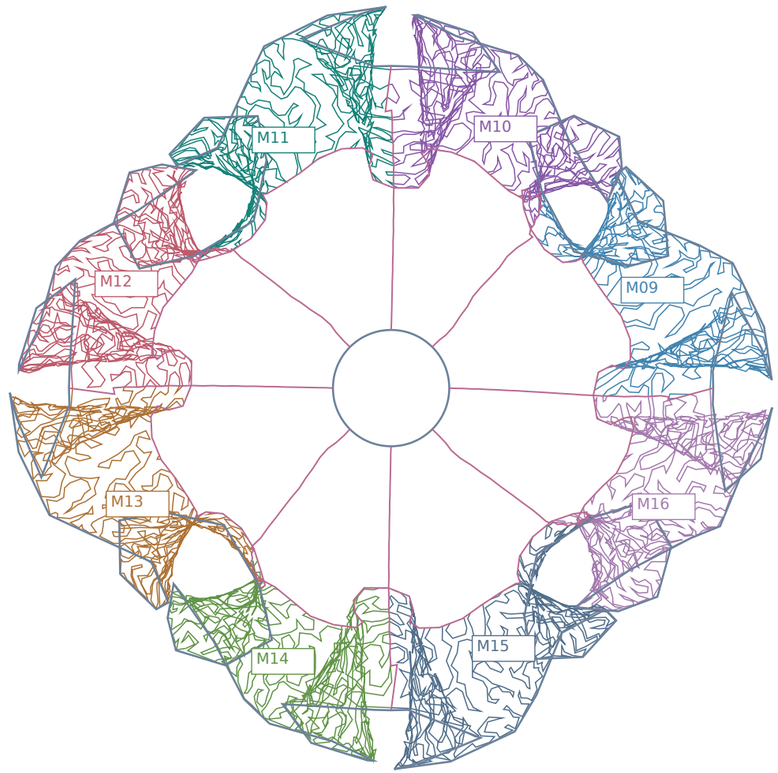
Crown and rim module layouts

Eight crown zones and eight outer rim zones / move referenced run geometry together

1 CROWN MODULES M01–M08



2 RIM MODULES M09–M16



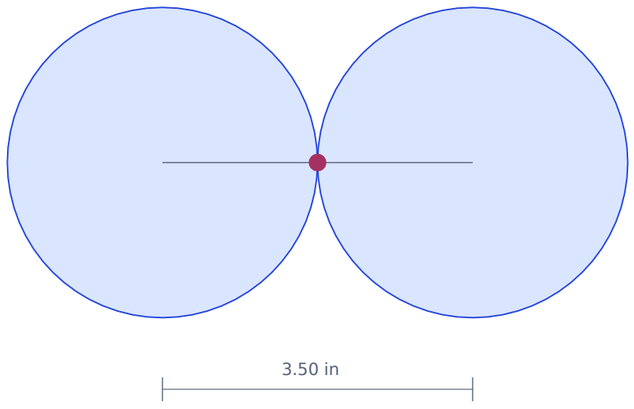
The module map groups local paths. See the CSV for their complete global order and both seam points.

PROJECT / SHEET TITLE	ISSUE / REVISION / DATE	DRAWN / SCALE	PROFESSIONAL SEAL	ANSI B	SHEET
FOUR-ARCH PAVILION Crown and rim module layouts	DESIGN REVIEW / 00 11/14/2026	WEB RELAY NTS	RESERVED	11 × 17 IN	A-602 7 / 9

Contact and seam details

Measured tangent contact and proposed seam match / verify the joint by prototype

1 TANGENCY BETWEEN SEPARATE TURNS

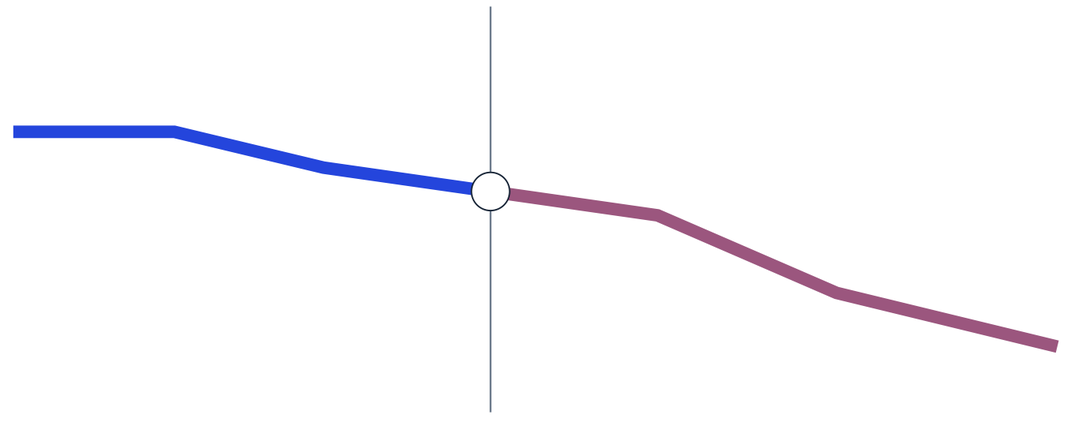


The two modeled envelopes touch at the marked point.

This section shows the measured centerline spacing.

2 PROPOSED MODULE SEAM

MATCH THE SAME XYZ AND CHAINAGE AT BOTH ENDS



A sleeve or bonded splice can be studied at this break.

Sleeve material, clearances and fasteners are unresolved.

Geometry uses variable diameters. This sheet documents the concept and its measured contact.

PROJECT / SHEET TITLE	ISSUE / REVISION / DATE	DRAWN / SCALE	PROFESSIONAL SEAL	ANSI B	SHEET
FOUR-ARCH PAVILION Contact and seam details	DESIGN REVIEW / 00 11/14/2026	WEB RELAY NTS	RESERVED	11 × 17 IN	A-603 8 / 9

Module schedule

Nominal module bounds and total run lengths / see CSV for 411 ordered run records

MODULE	BAND	PATH (M)	X SPAN (IN)	Y SPAN (IN)	Z SPAN (IN)	RUNS	ASSEMBLY
M01	CROWN	46.36	83.8	70.6	86.5	28	GROUP
M02	CROWN	45.37	61.9	84.4	86.4	30	GROUP
M03	CROWN	45.99	71.5	84.1	85.7	26	GROUP
M04	CROWN	46.00	84.2	60.9	86.0	29	GROUP
M05	CROWN	45.55	86.8	70.2	87.4	29	GROUP
M06	CROWN	47.04	60.7	86.3	85.3	24	GROUP
M07	CROWN	45.77	70.7	87.0	88.0	25	GROUP
M08	CROWN	45.96	87.7	59.6	85.6	26	GROUP
M09	RIM	113.04	105.4	101.5	183.9	25	GROUP
M10	RIM	115.45	103.0	93.6	182.2	29	GROUP
M11	RIM	115.87	98.3	110.4	185.6	24	GROUP
M12	RIM	116.60	92.7	98.2	182.8	24	GROUP
M13	RIM	114.36	110.2	98.1	185.4	24	GROUP
M14	RIM	115.21	100.0	92.7	181.7	22	GROUP
M15	RIM	114.06	99.7	111.2	186.2	23	GROUP
M16	RIM	118.15	95.8	97.6	180.0	23	GROUP

Total ordered path 1290.78 m / 16 geometric cassette zones

Bounds exclude handling clearance. A run is a contiguous piece of the original toolpath inside one zone.