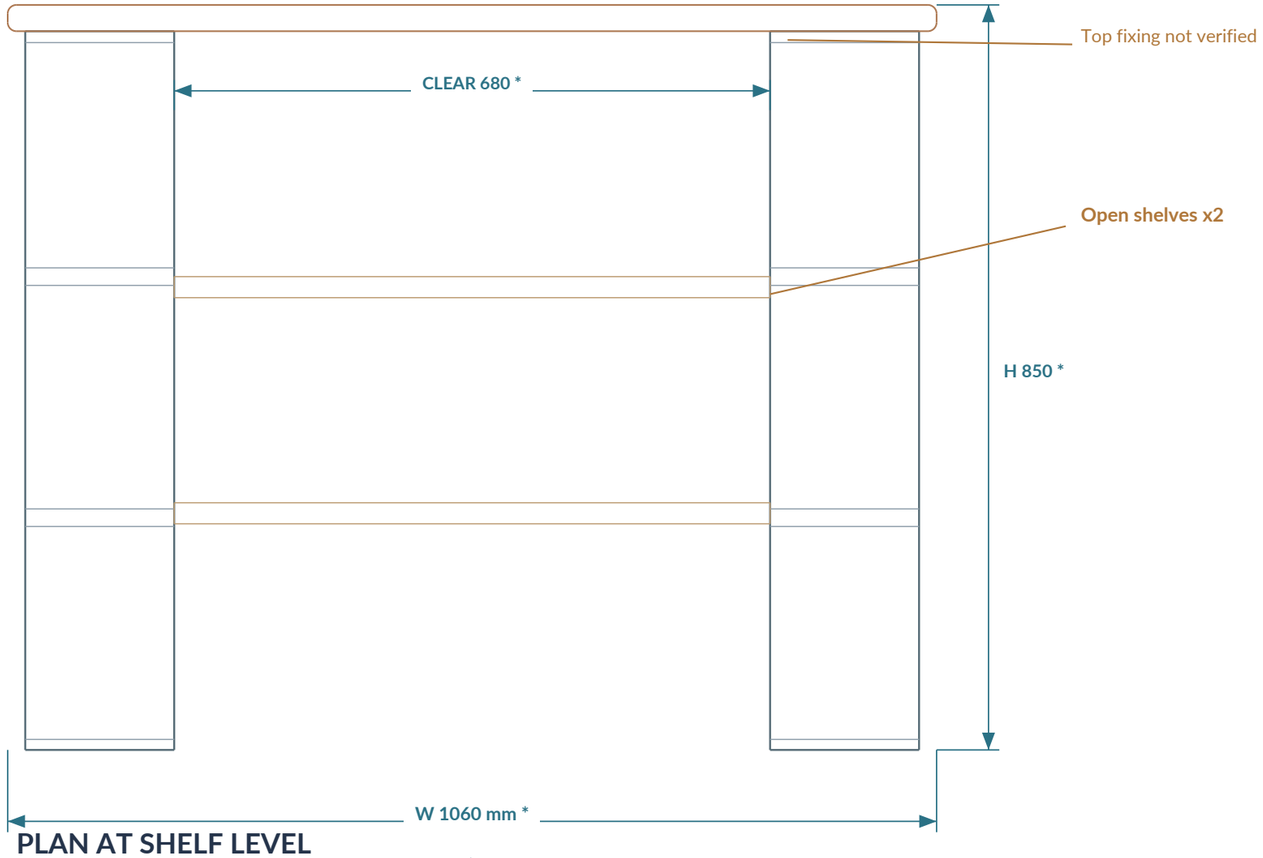
Steel Drum Console | Source-Locked 2D Concept

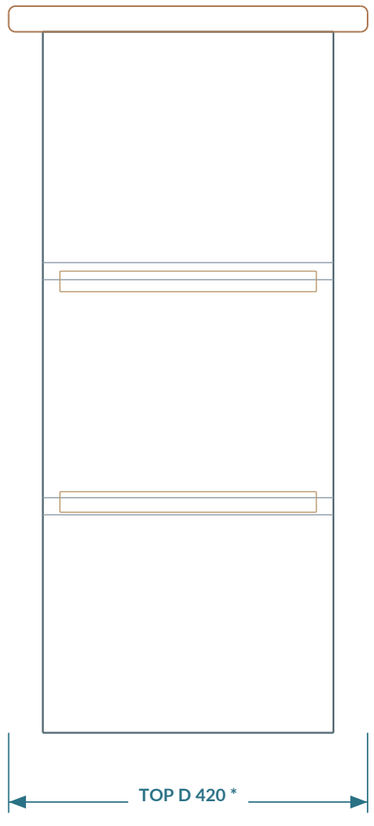
DRAWING D-01

Two curved half-barrel ends, two open shelves and a single wide rounded wood top.

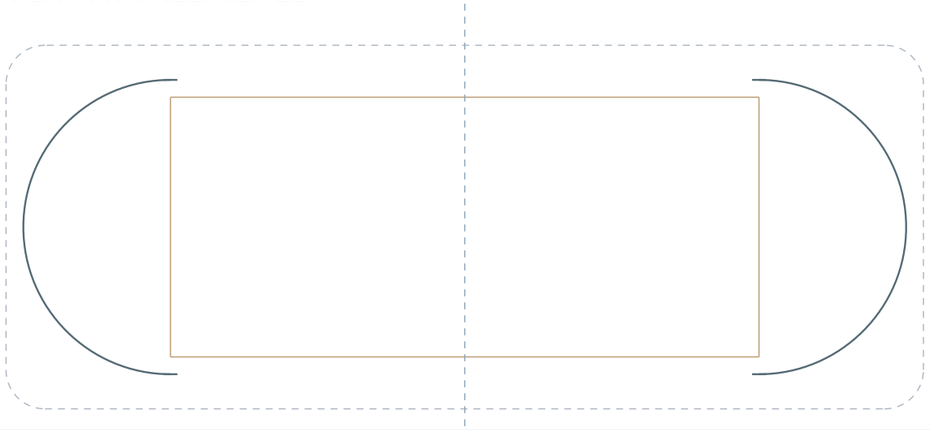
01 FRONT ELEVATION



02 SIDE ELEVATION



03 PLAN AT SHELF LEVEL



EXAMPLE DIMENSION KEY

Overall envelope	W 1060 x H 850 x top D 420 mm
Half-shell cross section	2 outward curved open shells; shown R 170 mm
Interior shelves	2 boards; span 680, depth 300, thickness 24 mm
Level from datum	lower Z 258 / upper Z 516 mm
Top surface	thickness 30 mm; rounded ends

* ILLUSTRATIVE VALUES - NOT SOURCE-VIDEO MEASUREMENTS.

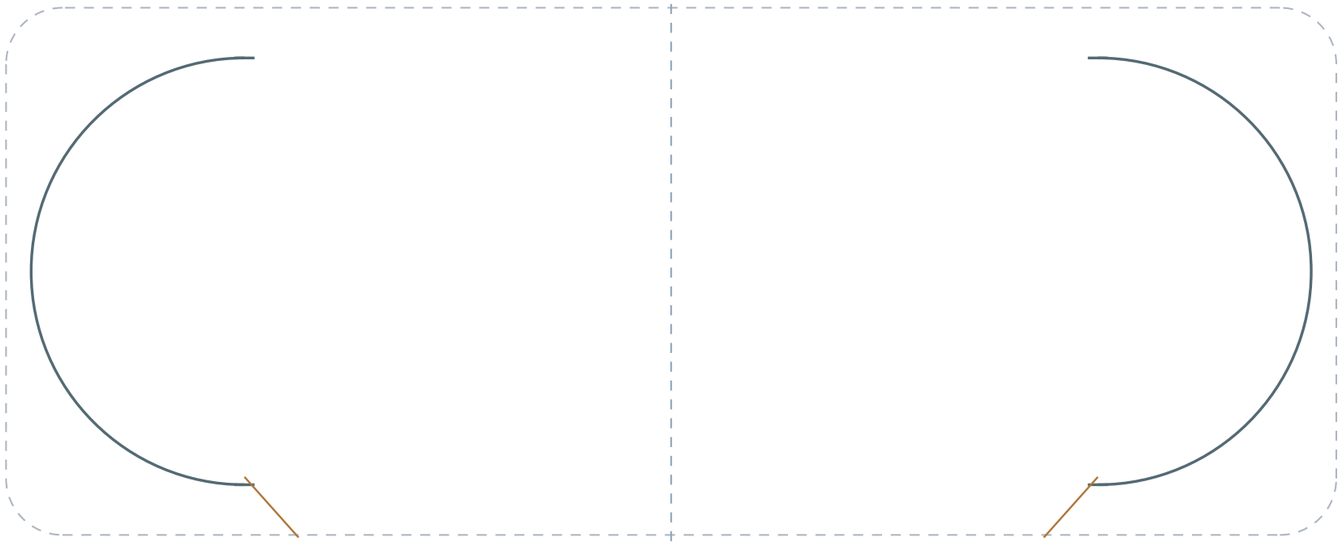
DESIGN INTENT: VISITOR-EDITABLE CONCEPT | ALL NUMERICAL VALUES ARE ILLUSTRATIVE.
Not a cutting, welding, load-rated or installation plan.

Geometry and Measurement Decisions

DRAWING D-02

Use the editable model as a spatial reference. Verify the actual stock and interfaces before designing a build.

A HALF-SHELL ORIENTATION (PLAN DETAIL)



The open sides face the central shelf space; the diameter is not a solid panel.

SOURCE-VISIBLE PARTS

01 2 semi-cylindrical ribbed metal ends

02 2 narrow horizontal interior boards

03 1 broader rounded wood-look top

04 Open front and open base clearance

05 Warm ivory finish over metal

No doors, drawers or added legs.

B MEASURE BEFORE MAKING A NEW VERSION

1 SOURCE THE METAL SAFELY

Use a known clean stock drum or professionally prepared shells; never hot-cut unknown used drums.

2 SET YOUR REAL DATUM

Measure actual shell height and chord depth, then choose a floor/level reference and final spacing.

3 DETERMINE EACH BOARD

Measure between the two open edge planes at BOTH shelf levels. Determine support depth and overhang.

4 DESIGN THE INTERFACES

Verify shelf bracket support, top retention, lateral restraint and tipping risk for intended loads.