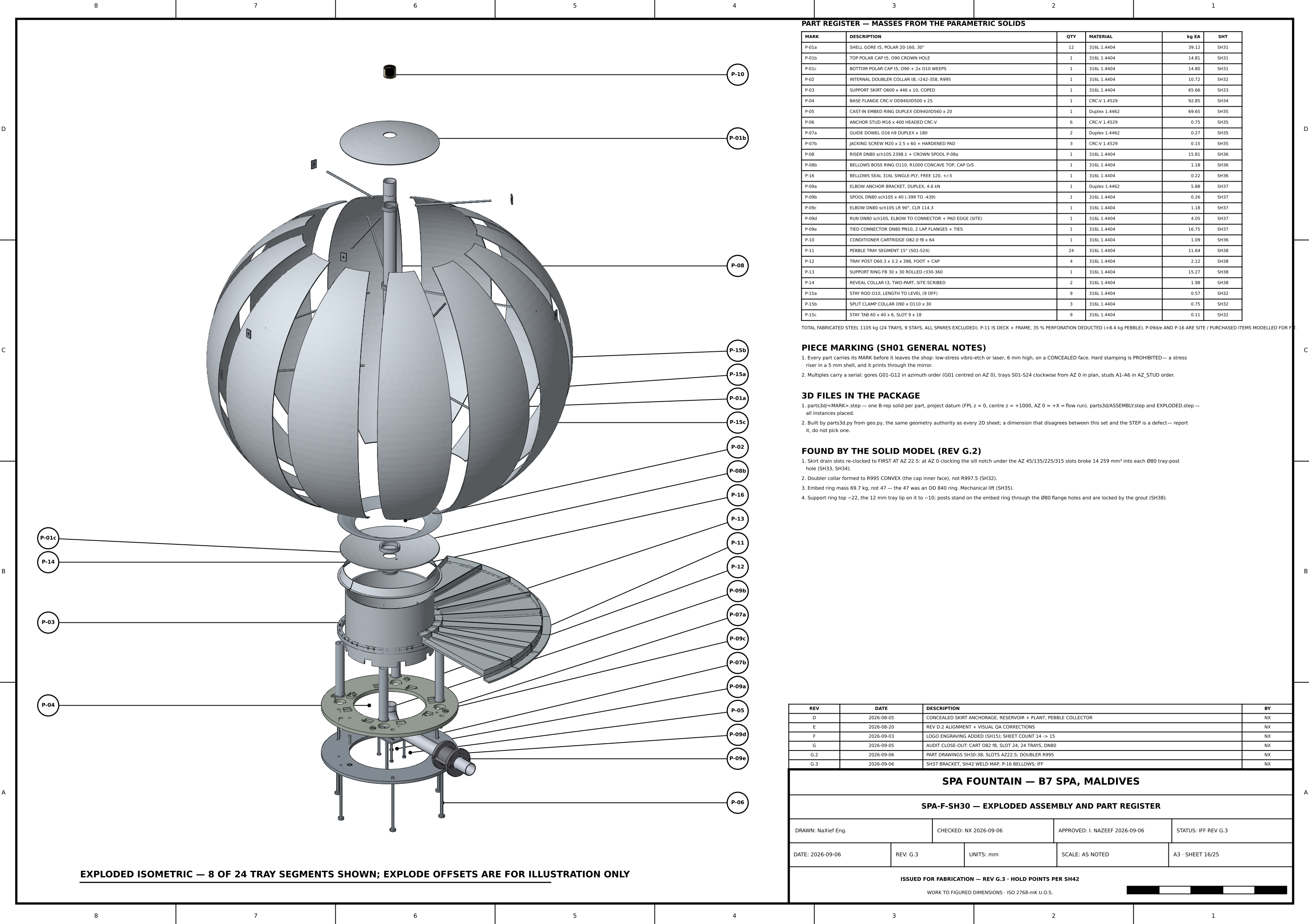




EXPLODED ISOMETRIC — 8 OF 24 TRAY SEGMENTS SHOWN; EXPLODE OFFSETS ARE FOR ILLUSTRATION ONLY

PART REGISTER — MASSES FROM THE PARAMETRIC SOLIDS

MARK	DESCRIPTION	QTY	MATERIAL	kg EA	SHT
P-01a	SHELL GORE I5, POLAR 20-160, 30°	12	316L 1.4404	39.12	SH31
P-01b	TOP POLAR CAP I5, Ø90 CROWN HOLE	1	316L 1.4404	14.81	SH31
P-01c	BOTTOM POLAR CAP I5, Ø90 + 2x Ø10 WEEPS	1	316L 1.4404	14.80	SH31
P-02	INTERNAL DOUBLER COLLAR I8, r242-358, R995	1	316L 1.4404	10.72	SH32
P-03	SUPPORT SKIRT Ø600 x 446 x 10, COPED	1	316L 1.4404	65.66	SH33
P-04	BASE FLANGE CRC-V OD940/ID500 x 25	1	CRC-V 1.4529	92.85	SH34
P-05	CAST-IN EMBED RING DUPLEX OD940/ID560 x 20	1	Duplex 1.4462	69.65	SH35
P-06	ANCHOR STUD M16 x 400 HEADED CRC-V	6	CRC-V 1.4529	0.75	SH35
P-07a	GUIDE DOWEL Ø16 h9 DUPLEX x 180	2	Duplex 1.4462	0.27	SH35
P-07b	JACKING SCREW M20 x 2.5 x 60 + HARDENED PAD	3	CRC-V 1.4529	0.15	SH35
P-08	RISER DN80 sch10S 2398.1 + CROWN SPOOL P-08a	1	316L 1.4404	15.81	SH36
P-08b	BELLOWS BOSS RING Ø110, R1000 CONCAVE TOP, CAP O/S	1	316L 1.4404	1.18	SH36
P-16	BELLOWS SEAL 316L SINGLE-PLY, FREE 120, +/-5	1	316L 1.4404	0.22	SH36
P-09a	ELBOW ANCHOR BRACKET, DUPLEX, 4.6 kN	1	Duplex 1.4462	5.88	SH37
P-09b	SPOOL DN80 sch10S x 40 (-399 TO -439)	1	316L 1.4404	0.26	SH37
P-09c	ELBOW DN80 sch10S LR 90°, CLR 114.3	1	316L 1.4404	1.18	SH37
P-09d	RUN DN80 sch10S, ELBOW TO CONNECTOR + PAD EDGE (SITE)	1	316L 1.4404	4.05	SH37
P-09e	TIED CONNECTOR DN80 PN10, 2 LAP FLANGES + TIES	1	316L 1.4404	16.75	SH37
P-10	CONDITIONER CARTRIDGE Ø82.0 f8 x 64	1	316L 1.4404	1.09	SH36
P-11	PEBBLE TRAY SEGMENT 15" (S01-S24)	24	316L 1.4404	11.64	SH38
P-12	TRAY POST Ø60.3 x 3.2 x 398, FOOT + CAP	4	316L 1.4404	2.12	SH38
P-13	SUPPORT RING FB 30 x 30 ROLLED r330-360	1	316L 1.4404	15.27	SH38
P-14	REVEAL COLLAR t3, TWO-PART, SITE-SCRIBED	2	316L 1.4404	1.98	SH38
P-15a	STAY ROD Ø10, LENGTH TO LEVEL (9 OFF)	9	316L 1.4404	0.57	SH32
P-15b	SPLIT CLAMP COLLAR Ø90 x Ø110 x 30	3	316L 1.4404	0.75	SH32
P-15c	STAY TAB 60 x 40 x 6, SLOT 9 x 18	9	316L 1.4404	0.11	SH32

TOTAL FABRICATED STEEL 1105 kg (24 TRAYS, 9 STAYS, ALL SPARES EXCLUDED). P-11 IS DECK + FRAME, 35 % PERFORATION DEDUCTED (+8.4 kg PEBBLE). P-09d/e AND P-16 ARE SITE / PURCHASED ITEMS MODELLED FOR FIELD USE.

PIECE MARKING (SH01 GENERAL NOTES)

- Every part carries its MARK before it leaves the shop: low-stress vibro-etch or laser, 6 mm high, on a CONCEALED face. Hard stamping is PROHIBITED— a stress riser in a 5 mm shell, and it prints through the mirror.
- Multiples carry a serial: gores G01-G12 in azimuth order (G01 centred on AZ 0), trays S01-S24 clockwise from AZ 0 in plan, studs A1-A6 in AZ_STUD order.

3D FILES IN THE PACKAGE

- parts3d/<MARK>.step — one B-rep solid per part, project datum (FPL z = 0, centre z = +1000, AZ 0 = +X = flow run), parts3d/ASSEMBLY.step and EXPLODED.step — all instances placed.
- Built by parts3d.py from geo.py, the same geometry authority as every 2D sheet; a dimension that disagrees between this set and the STEP is a defect— report it, do not pick one.

FOUND BY THE SOLID MODEL (REV G.2)

- Skirt drain slots re-locked to FIRST AT AZ 22.5: at AZ 0 clocking the sill notch under the AZ 45/135/225/315 slots broke 14 259 mm² into each Ø80 tray-post hole (SH33, SH34).
- Doubler collar formed to R995 CONVEX (the cap inner face), not R997.5 (SH32).
- Embed ring mass 69.7 kg, not 47 — the 47 was an OD 840 ring. Mechanical lift (SH35).
- Support ring top –22, the 12 mm tray lip on it to –10; posts stand on the embed ring through the Ø80 flange holes and are locked by the grout (SH38).

REV	DATE	DESCRIPTION	BY
D	2026-08-05	CONCEALED SKIRT ANCHORAGE, RESERVOIR + PLANT, PEBBLE COLLECTOR	NX
E	2026-08-20	REV D.2 ALIGNMENT + VISUAL QA CORRECTIONS	NX
F	2026-09-03	LOGO ENGRAVING ADDED (SH15); SHEET COUNT 14 -> 15	NX
G	2026-09-05	AUDIT CLOSE-OUT: CART Ø82 f8, SLOT 24, 24 TRAYS, DN80	NX
G.2	2026-09-06	PART DRAWINGS SH30-38; SLOTS AZ22.5; DOUBLER R995	NX
G.3	2026-09-06	SH37 BRACKET, SH42 WELD MAP, P-16 BELLOWS; IFF	NX

SPA FOUNTAIN — B7 SPA, MALDIVES				
SPA-F-SH30 — EXPLODED ASSEMBLY AND PART REGISTER				
DRAWN: NaXief Eng.		CHECKED: NX 2026-09-06	APPROVED: I. NAZEEF 2026-09-06	STATUS: IFF REV G.3
DATE: 2026-09-06	REV: G.3	UNITS: mm	SCALE: AS NOTED	A3 · SHEET 16/25
ISSUED FOR FABRICATION — REV G.3 · HOLD POINTS PER SH42				
WORK TO FIGURED DIMENSIONS · ISO 2768-mK U.O.S.				