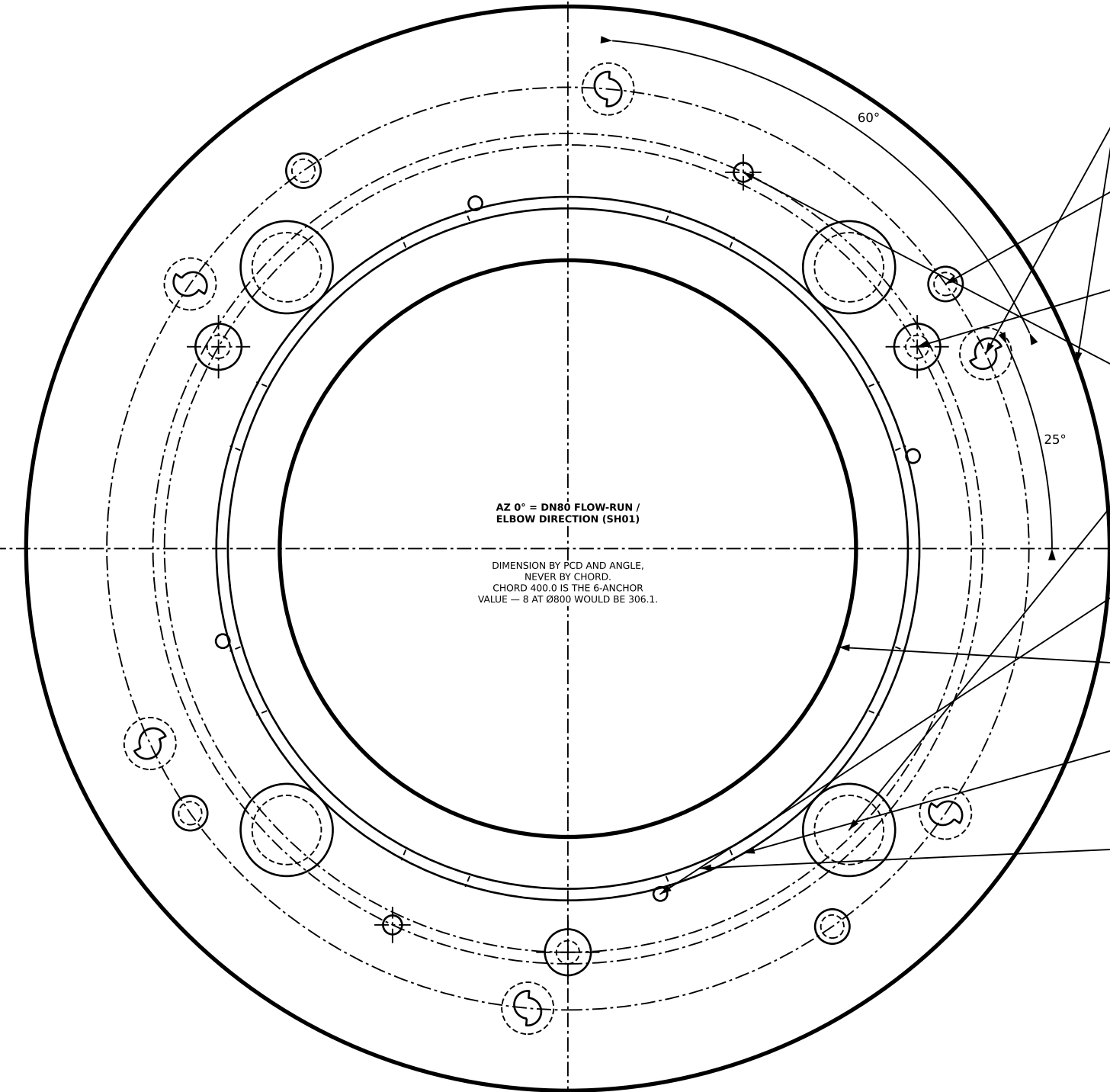


PLAN — BASE FLANGE, SKIRT AND ANCHORAGE · SCALE 1:5



FLANGE & SKIRT FEATURE SCHEDULE

REF	FEATURE	QTY	POSITION
F1	Anchor slot, radial obround 24 × 30	6	PCD Ø800, first AZ25, 60°
F2	Jacking boss M20 × 2.5, 17 hex socket	3	PCD Ø700, AZ30/150/270
F3	Lifting boss M20 × 30 BLIND	4	PCD Ø800, AZ35/125/215/305
F4	Guide dowel bush Ø16.5 +0.2/0	2	PCD Ø720, AZ65/245
F5	Grout injection port Ø12	4	r310, AZ15/105/195/285
F6	Tray-post clearance hole Ø80	4	r345, AZ45/135/225/315
F7	Skirt drain slot 60 × 40, sill –415	8	first AZ22.5, 45° pitch
F8	Sump drain Ø50 through the pad	1	at the low point

ANCHORAGE

· 6 × M16 × 400 CRC-V (1.4529/1.4565) CAST-IN, h_{ef} 250, Ø800 PCD, CHORD 400.0 mm, INCLUDED ANGLE 60°. PRELOAD 90 N·m ±10% IN THREE CROSS-TIGHTENED PASSES WITH HALOGEN-FREE METAL-FREE ANTI-SEIZE AND DUPLEX NUTS, AFTER 7-DAY GROUT CURE. DIMENSION BY PCD AND ANGLE, NEVER BY CHORD.

LEVELLING

· LEVEL ON THE THREE JACKING SCREWS ONLY. TAKE THE LEVEL ON THE WEIR CREST, NOT ON THE FLANGE. 1/8 TURN = 25 MICRON AT THE WEIR (12.68:1). JACKING SCREWS REMAIN LIVE AND LOCKED — DO NOT BACK OFF OR CAP.

GROUT

· BOND-BREAKER FILM TO FLANGE UNDERSIDE. INJECT THROUGH FLANGE PORTS WITH VENTS AT THE ID. DO NOT GROUT OVER THE FLANGE TOP — THE ANCHOR NUTS MUST REMAIN ACCESSIBLE.

WELD PROCEDURE — SKIRT TO SHELL

- Continuous 4.5 mm leg fillet (a = 3.2) both sides — MEETS the EN 1993-1-8 3 mm minimum effective throat.
- Pulsed GTAW, heat input ≤0.8 kJ/mm, 100 mm back-step alternating sides, internal copper chill, no coincident start/stops.
- Post-weld fairness check on the shell adjacent to the skirt: ≤0.5 mm per 100 mm. Repolish allowance carried in the contract.

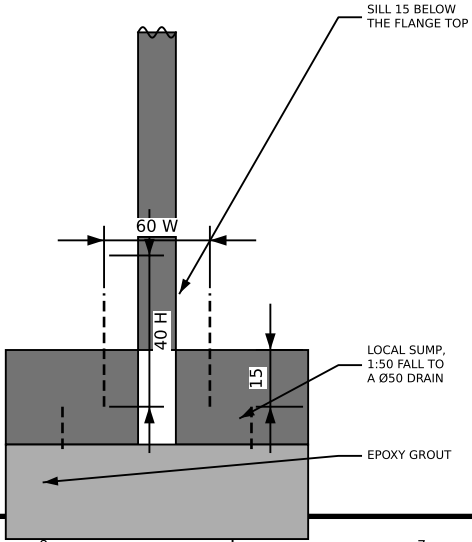
MATERIALS IN THE ANCHOR POCKET

- CRC-V (EN 10088 1.4529/1.4565): anchor studs, base flange, plate washers, nuts and shims.
- Duplex 1.4462: cast-in embed ring, guide dowels, jacking screws.
- ZERO carbon steel, galvanising, aluminium or brass anywhere in or touching the assembly.
- NO isolating washers or bushes — they would create the very crevice the alloy selection exists to avoid.

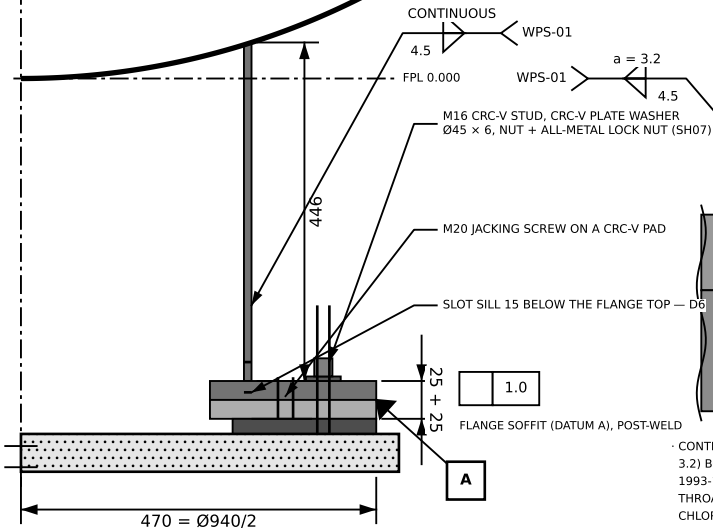
SUPERSESION — REV C

- DELETED: 3× anchor lugs 80×60×10 and the note "M12 A4-70 CHEMICAL ANCHOR — EMBED 110, TORQUE 25 N·m". Uncontrolled preload on an uninspectable joint.
- DELETED: stitch weld "4 > 40/120 both sides staggered". Intermittent welds are prohibited in a chloride crevice.
- The FB 60×10 support ring is superseded by this skirt and flange.

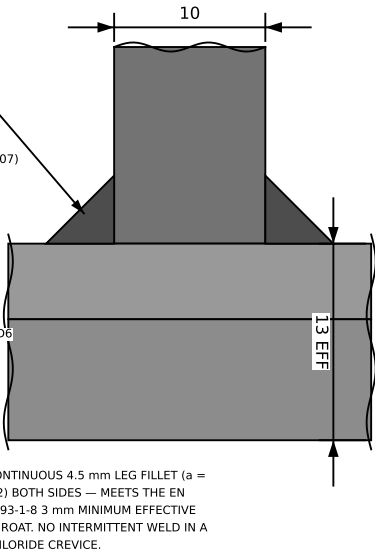
D6 — SKIRT DRAIN SLOT · SCALE 1:2



SECTION B-B (HALF) · SCALE 1:10



D7 — SKIRT-TO-SHELL WELD · SCALE 2:1



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 082 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 BELLOW; IFF	NX

SPA FOUNTAIN — B7 SPA, MALDIVES

SPA-F-SH04 — SKIRT, BASE FLANGE AND ANCHORAGE

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 4/25			

ISSUED FOR FABRICATION — REV G.3 · HOLD POINTS PER SH42

WORK TO FIGURED DIMENSIONS · ISO 2768-mK U.O.S.

