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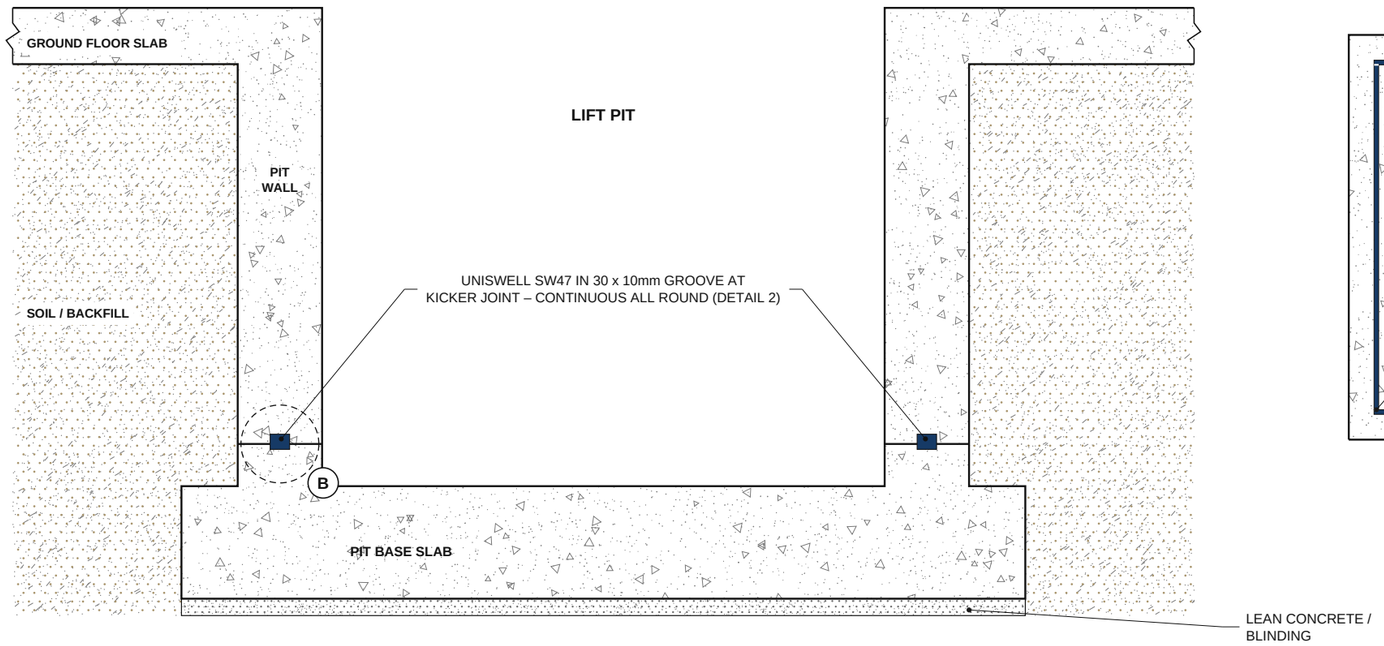
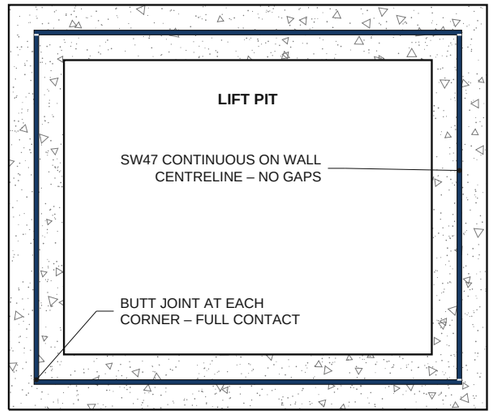
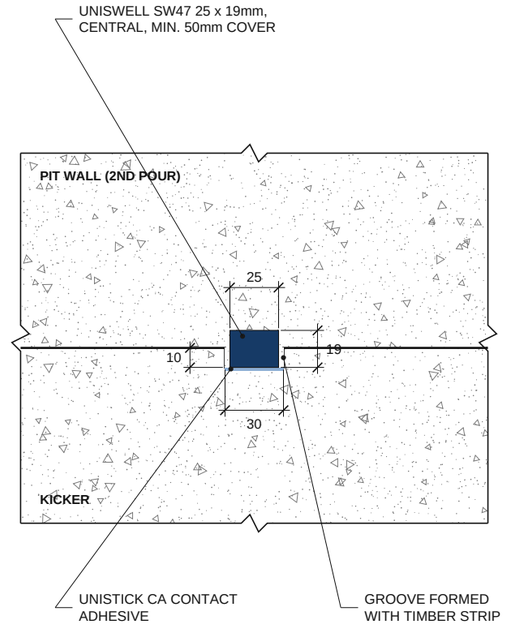


1 SECTION THROUGH LIFT PIT
NOT TO SCALE



2 PLAN AT KICKER LEVEL
NOT TO SCALE



B KICKER JOINT
ENLARGED – NOT TO SCALE

UNISWELL SW47 (REFER TO TDS)

Material	Butyl rubber + hydrophilic groups, black
Size	25 x 19mm x 5m roll (6 rolls / carton)
Expansion volume	> 300% (ASTM D471)
Hydrostatic head	70m
Adhesive	UNISTICK CA, approx. 20–30m / litre

LEGEND

- Concrete – 1st pour
- Concrete – 2nd pour
- UNISWELL SW47
- UNISTICK CA adhesive
- Lean concrete
- Soil / backfill

GENERAL NOTES (FOR GUIDANCE ONLY)

1. Lift pit walls are usually below the water table – SW47 must be continuous around the full perimeter with no gaps.
2. Concrete substrate min. 20 MPa. Min. 50mm cover to SW47 in all directions; wall not less than 150mm thick (TDS).
3. Form a 30 x 10mm groove on the kicker centreline with a timber strip while the concrete is fresh; remove it once hardened.
4. Groove clean and free from dust, oil, grease, organic growth and release agents.
5. Brush UNISTICK CA into the groove and a thin coat on the SW47 bonding face. Wait 5–20 minutes, then press SW47 firmly in place.
6. Butt joints and corners with full face contact. Do not overlap or leave gaps.
7. Cast the pit wall once the adhesive has dried; compact well around SW47. If SW47 pre-expands from rain or groundwater, replace it.
8. For non-movement construction joints only – not for expansion joints.

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REVISIONS

REV	DATE	DESCRIPTION
0	29/10/26	FIRST ISSUE

PRODUCT
UNISWELL SW47
UNISTICK CA

DRAWING TITLE
UNISWELL SW47 AT LIFT PIT KICKER JOINT – INSTALLED IN 30 x 10mm GROOVE

DRAWING NO.
UR-SW-03

REV
0

SCALE	SIZE	DATE	DRAWN
NTS	A3	29/10/26	UR

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