



NOTES:

- PREPRUFE STRIP SHOULD BE PROTECTED DURING BACKFILL PLACEMENT AND COMPACTION
- FOLD PREPRUFE STRIP BACK ONTO COMPACTED EARTH/GRAVEL FOR TIE-IN WITH PREPRUFE MEMBRANE UNDERSLAB
- PROTECTION COURSE/DRAINAGE & BACKFILL NOT SHOWN FOR CLARITY
- DETAIL ALSO APPLICABLE TO TIE PREPRUFE INTO PREVIOUSLY INSTALLED (ADHERED) PREPRUFE
- GCP MAY REQUIRE AN ALTERNATE GCP WATERSTOP BASED ON DESIGN CONDITIONS



## BITUTHENE® TIE-IN WITH ELEVATED SLAB PREPRUFE® WATERPROOFING SYSTEM

**DRAWING: PRE-061**

**SCALE: Not To Scale**

**Effective Date: 07/01/2016**

**Supersedes: 04012015**

# Bituthene Tie-In with Elevated Slab

Prior to Membrane Installation, Review the Preprufe® Data Sheet



## Surface Prep

All surfaces must be sound and solid to eliminate movement during the concrete pour. Substrate must be regular and smooth with no gaps or voids greater than 0.5 in (15 mm). The surface should also be free from loose aggregate and sharp protrusions as outlined in the Preprufe® Data Sheet section on Surface Preparation.

## Detailing

1. Install Preprufe membrane in accordance with the Preprufe data sheet section on installation.
2. Install Bituthene® Liquid Membrane from the top of the wall over the existing Bituthene® Membrane, extending down a minimum of 6 in (150 mm).
3. While the Bituthene Liquid Membrane is still “wet” (uncured), embed 6 in (150 mm) of a min. 24 in (600 mm) Preprufe 300R strip.
4. Install a termination bar through the Preprufe 300R securely into the vertical wall.
5. Re-flash over the edge of the Preprufe 300R with Bituthene Liquid Membrane and extend up over the termination bar ensuring the Preprufe 300R and the termination bar are fully encapsulated with Bituthene Liquid Membrane.
6. Install a 12 in (300 mm) strip of Bituthene Membrane from the top of the wall extending down over the Bituthene Liquid Membrane/ termination bar and onto the existing Bituthene Membrane.
7. Terminate the bottom edge, top edge and all seams of the Bituthene strip with Bituthene Liquid Membrane.
8. Protect the Preprufe 300R strip during backfill, placement and compaction.
9. Fold the Preprufe 300R strip back onto the compacted earth/gravel for tie-in with Preprufe 300R underslab.
10. Ensure that the Bituthene and vertically installed Preprufe are protected with an approved protection course prior to backfill.

## Special Notes

Preprufe membranes should not be used in areas where they will be permanently exposed to sunlight, weather or traffic. Protect membrane from sunlight as quickly as possible after installation.

Hydroduct or approved protection course not shown for clarity.

GCP may require an alternative GCP waterstop based on design conditions, at GCP’s discretion.