



NOTE - GCP MAY REQUIRE AN ALTERNATE GCP WATERSTOP BASED ON DESIGN CONDITIONS



TIE INTO PLAZA DECK WATERPROOFING

BITUTHENE® WATERPROOFING SYSTEM

DRAWING: BIT-014

SCALE: Not to scale

EFFECTIVE DATE: 07/01/2016

SUPERCEDES: 04012015

Tie into Plaza Deck Waterproofing

Prior to Membrane Installation, Review the Bituthene®
Data Sheet



Surface Prep

All surfaces must be structurally sound and free from spalled areas, loose aggregate, sharp protrusions or other matter that may hinder the adhesion or regularity of the membrane installation. The surface should also be free from frost, dirt, grease, oil or other contaminants as outlined in the Bituthene® Data Sheet section on Surface Preparation. Clean loose dust and dirt from the surface and prime with appropriate primer.

Detailing

1. Install Preprufe Membrane onto the vertical soil retention system up to the level of the horizontal deck.
2. Place concrete and remove top 12 in (300 mm) of temporary soil retention to gain access to the wall.
3. Apply a 12 in (300 mm) Bituthene strip centered over the outside corner.
4. Apply a Bituthene Strip centered over the cold joint. In this detail, the Bituthene Strip is an extension of the Bituthene Strip for the outside corner. Do not apply primer to the back of the Preprufe for installation of the Bituthene.
5. Install the field membrane in accordance with the Bituthene Data Sheet section on Installation.
6. Install membrane from the low point to the high point so that laps shed water.
7. Apply bead of Bituthene Liquid Membrane on all terminations and T-Joints.
8. Apply Hydroduct 220 on the wall and Hydroduct 660 on the deck according to the respective Hydroduct Data Sheet.

Special Notes

Bituthene 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.

Provide temporary protection for Preprufe at the tie-in location until the Bituthene tie-in is installed. The tie-in should be completed and backfilled as soon as possible. An approved protection course must be used over the exposed Preprufe and the Bituthene prior to backfilling.

Ensure Adcor® waterstop is encapsulated with a 3 in (75 mm) of concrete cover minimum. Apply Adcor® waterstop according to the installation instructions found on the data sheet.

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