Design Notes:
1. Cross section as shown is intended for pedestrian use. If any vehicular traffic loading is expected, contact Oldcastle Architectural for design assistance, as additional static and dynamic loads need to be accounted for.
2. Structural analysis to verify that the roof deck can handle the additional weight of the pavers and aggregate is by others.
3. Consult with the waterproof membrane supplier to determine if a protective board is required.
4. Check with the local building codes for ballast requirements (based on wind loading).
5. Ensure the geotextile to be used has good drainage characteristics and is not prone to clogging.
6. Continuation of the structural slab expansion joint to surface is not required with aggregate set pavers, consult with a design engineer.
7. Waterproof membrane may not be required over some precast concrete structural slabs, consult with a design engineer.

Belgard Standard Paving Detail
Plaza Aggregate Set on Roof Deck Over Uninhabited (Open) Space

Scale: 1" = 1'-0"
Drawn by: JB
Date: 11/24/2015
Drawing number: MDPZ07