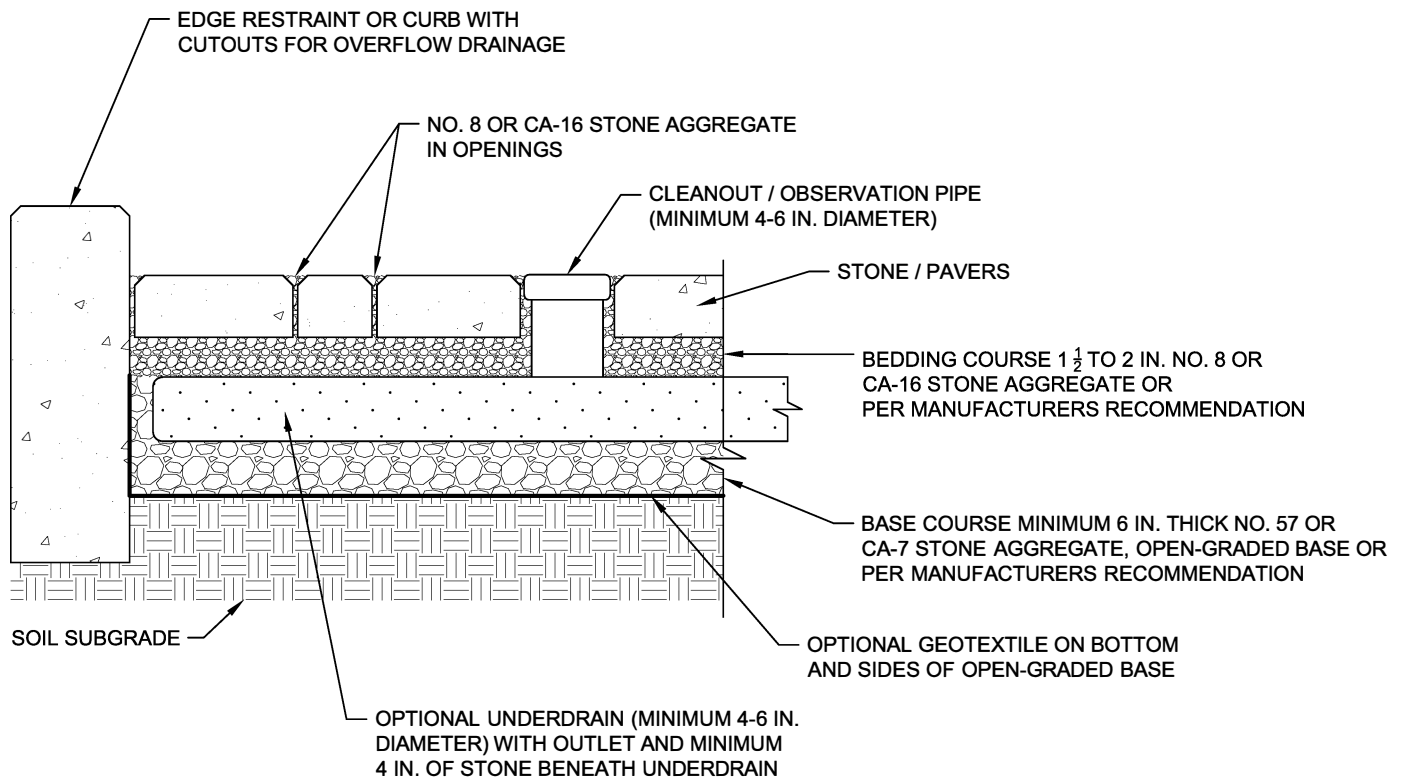


PERMEABLE STONE / PAVER SURFACE

FOR THE CONSTRUCTION OF A SMALL PERVIOUS SURFACE, SUCH AS A PATIO OR WALKWAY ACHIEVED WITH STONE OR CONCRETE PAVERS. PROJECTS WITH VEHICULAR TRAFFIC, STORMWATER STORAGE REQUIRED BY ORDINANCE, SLOPES GREATER THAN 5%, OR OTHER CHALLENGES, AS DETERMINED BY THE DIRECTOR OR ADMINISTRATOR IN A WAIVER COMMUNITY, WILL REQUIRE A DETAILED SITE-SPECIFIC DESIGN.



DESIGN

- **SURFACE SLOPE:** 5 % MAXIMUM
- **SUBGRADE SLOPE:** 0-1% OR USE BAFFLES / CHECK DAMS
- **FOUNDATION SEEPAGE PROTECTION:** PAVEMENT SEPARATION OF LESS THAN 5 FEET, USE AN IMPERMEABLE MEMBRANE
- ALL AGGREGATE MATERIAL SHALL BE WASHED, CRUSHED, ANGULAR STONE THAT IS FREE OF FINES
- ROUTE SUMP PUMP AND GUTTER DISCHARGES AWAY FROM PAVEMENT TO AVOID REDUCED PERMEABILITY FROM SATURATION OR CLOGGING
- AN UNDERDRAIN IS RECOMMENDED IN SOILS WITH LOW PERMEABILITY (LESS THAN 0.5 IN/HR)