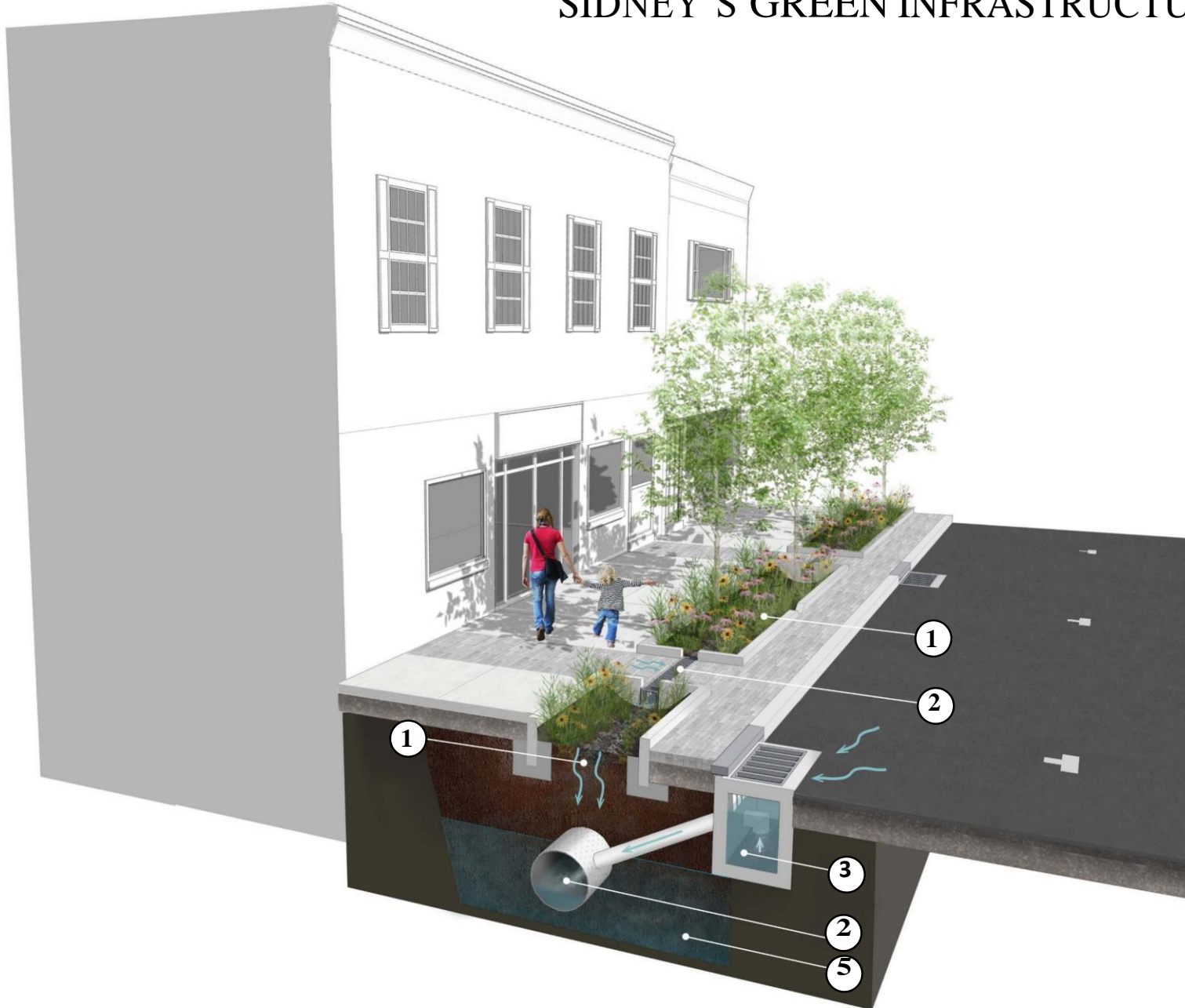


STREETSCAPE ELEMENTS: SIDNEY'S GREEN INFRASTRUCTURE DESIGN



- ① RAIN GARDENS with curb cuts will collect storm water from impervious surfaces before infiltrating below to the green infrastructure system
- ② TRENCH DRAINS will collect additional storm water from the impervious sidewalk while also connecting the rain gardens to each other, allowing for overflow
- ③ CATCH BASINS will collect storm water from the road to get pretreated – removing floatables and heavy sediments before entering the green infrastructure system. They also provide easy access for maintenance
- ④ A PERFORATED PIPE will collect water from the catch basins to ultimately connect to the existing storm system - while simultaneously slowly releasing the water into the structural soil and stone reservoir below through the perforations
- ⑤ A STRUCTURAL SOIL & STONE RESEVOIR will ultimately store all the collected water, releasing it slowly over time