

CAMBRIDGE

GoGreen Awards

2011



CATEGORY: Stormwater Management / Large Property

CASCAP, INC.

The Print Shop Condominiums

ACCOMPLISHMENTS

During the design of The Print Shop Condominiums, Cascap, Inc. and Columbia Design Group LLC, the project civil engineer, worked closely with the City of Cambridge to construct a large underground stormwater retention system and to upgrade the adjacent street infrastructure. Stormwater from the roof of The Print Shop Condominiums enters a below grade infiltration/storage system. This system can collect approximately 20,000 gallons of runoff. Runoff is collected in the storage system and is allowed to infiltrate to groundwater, excess volume is also allowed to be released slowly to the municipal drainage system. A new drain line extension was constructed in Davis Street which enabled runoff from the property to be redirected from the municipal wastewater system to the stormwater system. Additional benefits from the stormwater management system and Davis Street improvements include:

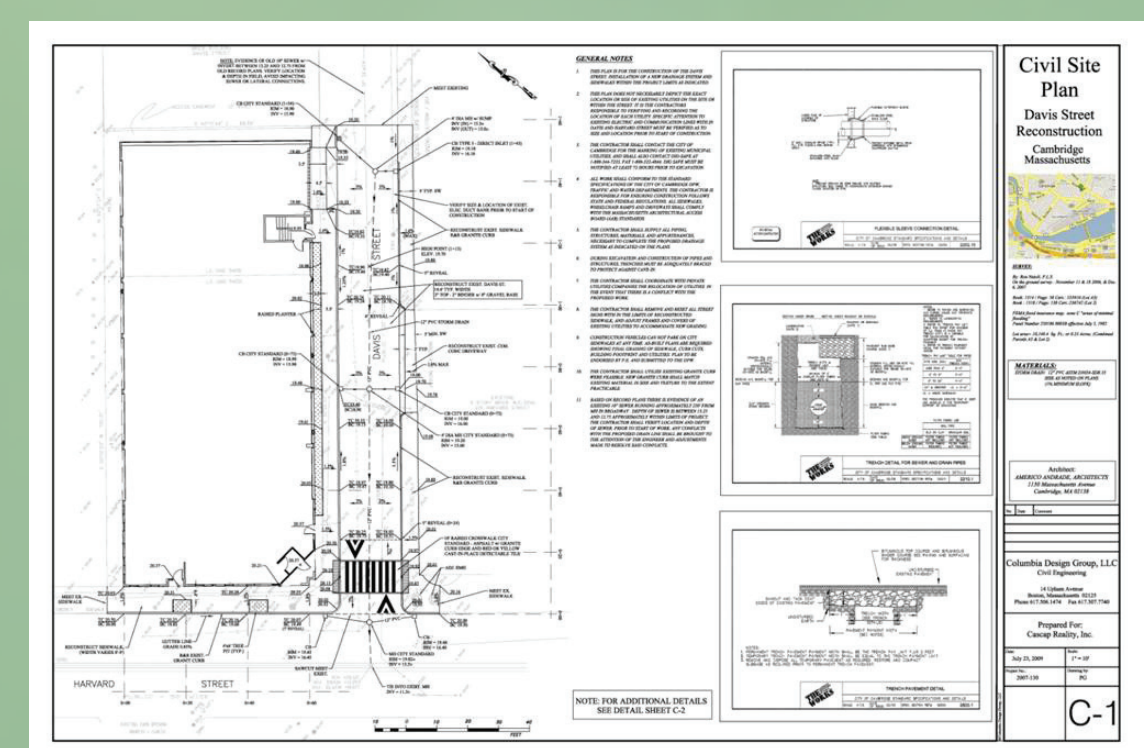
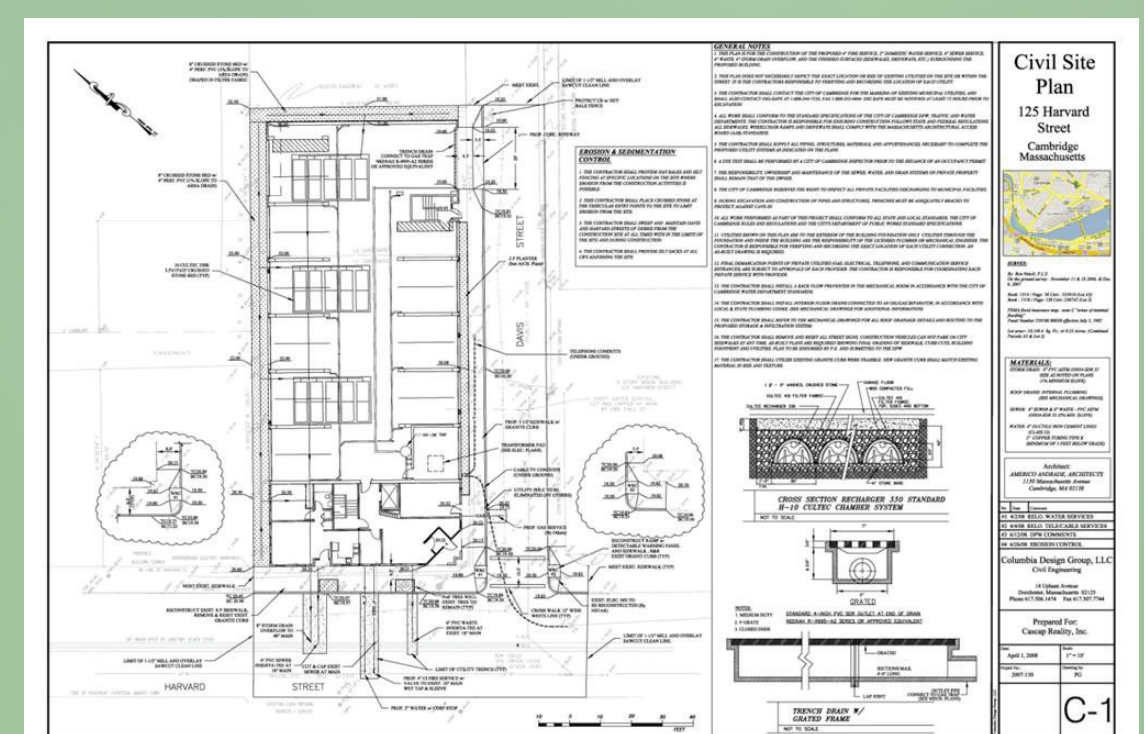
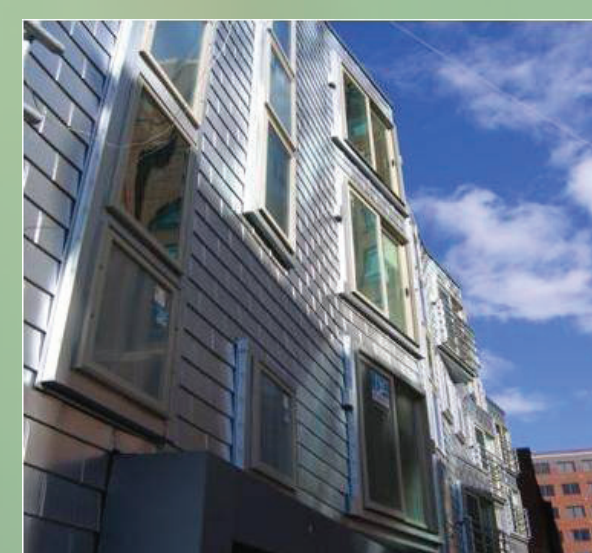
- Reduced peak stormwater discharge rates and volumes.
- Increased groundwater infiltration and recharge.
- Reduced costs for wastewater treatment by removing stormwater from the wastewater system.
- During the July 2010 intense downpours, the Davis Street stormwater improvements, catch basins, grading and extended drain lines helped to direct runoff into the new drains and adequately handled the intense downpours, preventing damage to the surrounding property and cars.

ABOUT CASCAP, INC.:

Cascap, Inc. was founded in 1973 and is committed to improving the quality of life for members of the community who are disadvantaged by poverty, disability, or age. This mission is accomplished by developing and managing award winning affordable rental and home ownership housing and by providing social supports and services. The Print Shop Condominiums, located at 125 Harvard Street, are newly constructed affordable condominiums for first time homebuyers. Cascap, Inc. is a well respected non-profit based in Cambridge, Massachusetts.

FOR MORE INFORMATION:

Please contact Marcia Hannon at 617-576-0823 or email at mhannon@cascap.org.



ABOUT THE GO GREEN AWARD

The City of Cambridge annually recognizes local businesses and organizations for outstanding practices in transportation, waste reduction and recycling, energy, stormwater management, climate protection, and community sustainability. The awardees make significant contributions to the reduction of the carbon footprint of Cambridge and to making the city more sustainable.