

Plans and Specifications

PLANS AND SPECIFICATIONS OF PROPOSED WORK: Plans and specifications for project describing the work proposed in detail.

Waterloo Greenway Conservancy's general contractor, Kris Ward of Division Group LLC, has provided the following specifications for the proposed work.

ROOFING

Replace Existing Damaged Shingle Roof: Replace existing asphalt shingles with fiberglass shingles that more accurately represent the original roofing material, which was likely cedar shakes. Fiberglass shingles are made of a woven fiberglass base mat, covered with a waterproof asphalt coating, and topped with ceramic granules that shield the shingles from harmful UV rays. Because of the composition of the fiberglass mat, less asphalt is needed to give the shingles their durability and strength, making them a lighter and more environmentally friendly option than traditional organic-mat asphalt shingles. Fiberglass roofing provides many benefits, as it is a tough and very resilient material that is non-porous, does not change shape, and won't dry out. Fiberglass shingles also contain less asphalt than organic mat-based shingles and are easier to transport, providing a lower overall environmental impact. The proposed replacement shingles are from GAF Camelot II Lifetime Designer Series. *See attached for material selection.*

Replace Existing Damaged Flat Roof: Replace all Thermoplastic Polyolefin (TPO) and Modified Bitumen roofing materials with a new 60-millimeter TPO roofing system. TPO is a single-ply reflective roofing membrane made which is typically installed in a fully adhered or mechanically attached system, allowing the white membrane to remain exposed throughout the life of the roof. TPO is environmentally friendly, is resistant to ultraviolet, ozone and chemical exposure, and delivers benefits like lower roof surface temperatures, greater energy efficiency, superior puncture resistance against hail and enhanced indoor comfort.



WINDOWS

Reglaze Two Exterior Windows: Demo (2) Plexiglass inserts and replace with ¼" single-paned, tempered glass. Previous tenants replaced windows with thin sheets of plexiglass, which is energy inefficient and provides no real safety barrier. The original windows will remain intact, with only the glass being reglazed and restored to historical specifications.

**Heritage Grant Proposed Work
Hardeman House at Symphony Square**



Shingle roof and flat roof identified above. Windows to be replaced marked in red.





Antique Slate

*Captures the traditional
look of slate; it's a cool gray
hue that pairs well with
cool companion colors.*

*It also adds a rich look
to light brick exteriors.*



U.S. Only

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.