



CIVIL • STRUCTURAL • ENVIRONMENTAL

**FAIRWAY**  
CONSULTING + ENGINEERING

## PROJECT DESCRIPTION

October 22, 2021

Re: Resource Bank Branch and Office Building  
5100 Tchoupitoulas Street  
New Orleans, LA 70115  
FCE Job No. 21-0013A

Existing site conditions consist of a developed 0.92 acres site with an abandoned 11,000 square foot building and concrete parking lot occupying the remainder of the site. Stormwater runoff consists of two (2) drainage areas and currently sheetflows to adjacent streets and ultimately into the street side curb inlets. Pre-Drainage Area 1 (shown on the Pre-Developed Drainage Area Map) consists of 0.59 acres and sheetflows Northeast towards Tchoupitoulas Street and Soniat Street. Pre-Drainage Area 2 (shown on the Pre-Developed Drainage Area Map) consists of 0.33 acres and sheetflows South towards Leake Avenue.

The proposed site will include a 4-story building with an approximate 5,000 square foot footprint, concrete drive aisles, pervious brick pavers in parking stalls, and a focalpoint bio retention system centrally located on the site. Post-Developed Drainage area will consist of one (1) drainage area (shown on the Post-Developed Drainage Area Map) where stormwater runoff will sheetflow to the bio retention system and discharge into the existing subsurface stormwater system on Tchoupitoulas Street. The proposed stormwater collection system will meet or exceed the City of New Orleans' current stormwater requirements for water quality and discharge flow for new development.