



Professional Profile

Frank has 24 years of experience in electrical engineering design and construction management of water and wastewater treatment facilities, master lift stations, water reuse facilities, pumping stations, operational and maintenance complexes, water control structures, solid waste facilities and normal and standby generation systems. In addition to this, Frank has a vast experience in indoor and outdoor lighting (e.g. parking lots, roadway and landscape) projects from aspects including design, construction management and construction engineering inspection.

Software Skills

AutoCAD, MicroStation, AGI 32, and Microsoft Office, ETAP

Years with SEC:

6

Years of Experience:

27

Sample Project Experience

MIC/MIA Connector Station for Miami International Airport (3 story passenger connecting station between MIA Airport and the new R.C.F. (Rental Car Facility) via a Metrorail tram transportation system-300,000sqft.). Electrical Engineering Site Lighting Design and Photometrics Design; Lightning Protection; Emergency Generator System Design; Complete Power and Lighting Design, lighting control systems and Elevator Switchgear Sizing. using AutoCAD, and Visual Photometric Design software.

VI Living Community (Large residential community townhouses, complete design). Electrical Engineering Site Lighting Design and Photometrics Design; Emergency Generator System Design; Complete Power and Lighting Design and Elevator Switchgear Sizing. using AutoCAD, and Visual Photometric Design software.

AMERICAN AIRLINES CD Infill (New terminal interior design for American Airlines tenant at MIA-200,000sqft.). Electrical Engineering Complete Power and Lighting Design, lighting control systems using AutoCAD Design software.

VILLAGE CENTER APARTMENTS (5 story apartment complex-complete electrical design). Electrical Engineering Site Lighting Design and Photometrics Design; Lightning Protection; Emergency Generator System Design; Complete Power and Lighting Design, lighting control systems and Elevator Switchgear Sizing. using AutoCAD, and Visual Photometric Design software.

Fifth Avenue Phases I, II, III including townhouses and a multi-level parking and office and seven story restaurant office in Boca Raton. Electrical Engineering Site Lighting Design and Photometrics Design; Complete Power and Lighting Design and Elevator Switchgear Sizing using AutoCAD, and Visual Photometric Design software.

Midport Parking Garage (5 story parking garage and Harbor Master tower at the Port-150,000sqft.). Electrical Engineering Parking Garage Lighting Design and Garage interior Photometrics Design; Lightning Protection; Emergency Generator System Design; Complete Power and Lighting Design and Elevator Switchgear Sizing. using AutoCAD, and Visual Photometric Design software.

Terminal 21 Expansion (New passenger cruise terminal-300,000sqft.). Electrical Engineering Site Lighting Design and Photometrics Design; Lightning Protection; Emergency Generator System Design; Complete Power and Lighting Design and Elevator Switchgear Sizing. using AutoCAD 2016, and Visual Photometric Design software.

Sabal Pines Community Recreational Park (Sports Lighting at the City of Coconut Creek). Electrical Engineering Site Lighting Design and Photometrics Design; Lightning Protection; Complete Power and Lighting Design. using AutoCAD, and Visual Photometric Design software.

Spa Atlantis Resort (An 11-story high resort/Condominium at the city of Pompano Beach). Electrical Engineering Site Lighting Design and Photometrics Design; Lightning Protection; Emergency Generator System Design; Complete Power and Lighting Design and Elevator Switchgear Sizing. using AutoCAD, and Visual Photometric Design software.