



315 E. Lancaster Ave., Suite A  
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610-873-7187 phone  
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sales@callDEC.com

## **DAVID A. WEIGHTMAN, P.E. | President**

### **Summary**

Dave is a professionally registered civil engineer with 37 years experience analyzing and designing steel structures, masonry buildings, and reinforced concrete foundations. He founded Downingtown Engineering Consultants, Inc. in 2002. His background includes heavy industrial plants, waste-to-energy facilities, power plants, chemical plants, rail transportation, and pharmaceutical industries.

### **Selected Experience**

- RG Steel, Sparrows, Point, MD: BOF building upgrades, emission ductwork supports, crane runway inspections, roof truss strengthening, blast furnace structural renovations, conveyor truss renovations
- Veolia Environmental Services: Structural condition surveys at waste-to-energy facilities
- Keystone Engineering Group: Foundations for pre-engineered buildings, equipment, sub-stations, and high mast lighting
- Covanta Energy facilities: Scrubber structural renovations

### **Employment History**

- Downingtown Engineering Consultants, Inc.
- Washington Group Int'l. (URS)
- Lone Star Steel
- Aetna-Standard Engineering
- Koppers Co., Inc.

### **Education and Registrations**

West Virginia University, BSCE

Registered Professional Engineer: CT, DE, FL, IN, MD, MA, NJ, NY, OH, PA & VA

### **Affiliations**

ACI - American Concrete Institute

AISC - American Institute of Steel Construction

AIST - American Institute of Steel Technology

ASCE - American Society of Civil Engineers

AWS – American Welding Society

AWWA – American Water Works Association

NCEES – National Council of Engineering Examiners & Surveyors



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## **ROBINSON BLAIR, P.E. | Director of Engineering**

### **Summary**

Rob has over 13 years of engineering experience designing buildings and other structures. He has provided in-depth structural engineering support for client projects starting at development through construction. Additionally, he has headed multi-discipline design teams as well as coordinated with consultants for the installation of other building systems. Clients he has served include Montgomery County-MD, Philadelphia International Airport, Washington Transit Authority, and NASA.

### **Selected Experience**

- Penn State – Hershey Medical Center: Engineer of Record for a 1300 stall precast garage on mini pile foundations. Garage and foundations were designed for an adjacent 300 stall garage expansion.
- RG Steel, Sparrows Point, MD: Restoration engineering and documents for the replacement of over 20 tons of steel framing supporting a steel tin-coating process line to be replaced in two-3 week phases.
- Reading Hospital: Analyzed light gauge steel ceiling strut systems to support medical equipment.
- Villas Gracias, Tegucigalpa, Honduras: Visited local suppliers to determine available material and designed an assembly building for 300 people using local technologies.
- Arcelor Mittal: Designed personal fall protection systems
- Keystone Engineering Group: Designed electrical equipment foundations.

### **Employment History**

- Downingtown Engineering Consultants, Inc.
- Walker Parking Consultants, Inc.
- Pennsylvania Shipyard Engineering & Architecture, LLP.

### **Education and Registrations**

Drexel University, BS in Civil Engineering & BS in Architectural Engineering  
Registered Professional Engineer: MD, NJ

### **Affiliations**

ASCE - American Society of Civil Engineers