

Aria Health

Emergency Department
Expansion

Philadelphia, PA

AE

Bob Stano
Construction Option



Building Information

Name: ED Expansion

Owner: Aria Health System - Torresdale Campus

Location: 10800 Knights Road, Philadelphia, PA

Size: 80,000GSF

Stories: 1 Below, 2 Above

Project Team

Architect: Francis Cauffman Architects

CM: Turner Construction Company

Structural Engineer: O'Donnell & Naccarato

MEP Engineer: PWI Engineering

Civil Engineer: Barry Isett & Associates, Inc.

Construction Information

- Design—Bid—Build
- 80,000SF
- \$35 Million Total Cost
- Extensive Site and Structure Demolition
- Site Utility Relocation

Structural

- Concrete Foundation
- Steel Superstructure w/ Composite Beam and Deck Assembly
- Lightweight Concrete used in certain locations

Architectural

- Composite Metal Paneling
- Face Brick and Painted Concrete Panels
- Aluminum Curtain Wall w/ Insulated Glass

Mechanical

- Chiller/Boiler w/ Cooling Tower and Heat Exchanger
- VAV System w/ Supplementary Fan Coil Units and Unit Heaters
- Roof Top AHUs w/ EFs and DOAS Unit in Mechanical Room

Electrical

- New Medium Voltage Switchgear
- Site Electric Replacement
- 1MW Generator for Critical Backup
- 480/277V Substation in Mechanical Room

