

# Kaiser Permanente Largo Medical Office Building

Largo, MD



## Project Overview

Owner:	Kaiser Permanente
Contractor:	DPR Construction
A/E Firm:	Ellerbe Becket
Contract Type:	GMP
Delivery Method:	Design-Bid-Build
Total Cost:	\$40,000,000
Size:	106,700 SF (Addition) 129,000 SF (Renovation)
Height:	3 Stories (Addition)

## Architecture

- Masonry façade to match existing structure
- Clear glass curtain wall extending west elevation
- Clerestory spanning 3<sup>rd</sup> floor (see below right)
- Accent brick ties two structures on east elevation



West Elevation Glass Curtain Wall.



Clerestory spanning 3<sup>rd</sup> floor addition.

## Construction

- Work flows from Area B to Area C, see below
- Notice to Proceed: June 10, 2011
- First Patient: July 17, 2013
- Renovation – 1 year duration after First Patient



Building footprint divided into phasing areas. Area A consists of the existing building to be renovated upon completion of the addition.

## Mechanical System

- Air conditioning provided by 4 packaged rooftop units
- Direct expansion rooftop AC units with supply/return
  - Equipped with variable frequency drives
- New terminal units provided with electric reheat coils to each variable air volume and constant air volume unit

## Structural System

- Cast-in-place spread footings and slab on grade
- Wide flange beams, columns and girders
- Sideplate Frame Systems consisting of beam-to-column moment connections.



Sideplate moment connection.



Column-to-beam moment connection.

## Electrical System

- 4,000 Amp, 480/277V 3-phase Switchboards
- 208/120 V Dry-type transformers ranging from 45 to 150 KVA are found in electric rooms throughout building
- New 60 KVA uninterruptible power supply for addition
- Two 1,250 KW Diesel emergency generators