

MARRIOTT HOTEL AT PENN SQUARE & LANCASTER COUNTY CONVENTION CENTER

[PROJECT INFORMATION]

- NAME: **TREVOR SULLIVAN**
- OPTION: CONSTRUCTION MANAGEMENT
- PROJECT NAME: MARRIOTT HOTEL AT PENN SQUARE & LANCASTER COUNTY CONVENTION CENTER
- PROJECT LOCATION: LANCASTER, PA
- CPEP WEB ADDRESS: <http://www.engr.psu.edu/ae/thesis/portfolios/2008/tjs288/>

[DESIGN & CONSTRUCTION TEAM]

- DEVELOPER: HIGH REAL ESTATE GROUP
- OWNER-CONVENTION CENTER: LANCASTER CONVENTION CENTER AUTHORITY
- OWNER-HOTEL: REDEVELOPMENT AUTHORITY OF THE CITY OF LANCASTER
- OPERATOR: PENN SQUARE PARTNERS
- HOTEL & CONVENTION CENTER MANAGER: INTERSTATE HOTELS
- CONSTRUCTION MANAGER (CM AGENCY): REYNOLDS CONSTRUCTION MANAGEMENT
- ARCHITECT: COOPER CARY, INC.

[ARCHITECTURAL & SITE FEATURES]

- TOTAL AREA: 412,079 SF, 19 STORIES TALL
- CONVENTION CENTER: 220,000 SF
- MARRIOTT HOTEL: 300 rooms
- TOTAL COST: \$170 MILLION

[DESIGN & CONSTRUCTION FEATURES]

HISTORICAL:

- FACADE STABILIZATION AND RESTORATION OF THE 109 YEAR OLD WATT & SHAND FACADE
- 4 HISTORICAL STRUCTURES ARE TO BE INCORPORATED INTO THE PROJECT AS MUSUEMS

CONSTRUCTION:

- PHASE 1: SITE PREP: MAY 2006 - OCT 2006
- PHASE 2: CONSTRUCTION: OCT. 1, 2006 - DEC 30, 2006

STRUCTURAL:

- 200 CAISSONS USED FOR THE FOUNDATION VARYING IN SIZE UP TO 90" DIAMETER
- CAST IN PLACE POST-TENSIONED CONCRETE STRUCTURE
- 153' BOW STRING METAL TRUSSES SPAN THE LARGE CONVENTION CENTER FLOOR

MECHANICAL:

- COMBINATION WATER AND AIR SYSTEM
- (8) LARGE BOILERS, (2) COOLING TOWERS, (2) WATER COOLED CHILLERS
- INCLUDING ADDITIONAL EQUIPMENT

ELECTRICAL:

- 2 MAIN SERVICE POINTS, EACH 4000 AMP 480Y/277 VOLTS, 3 PH., 4W
- 2000HP BACKUP GENERATOR WITH 2000 GALLON DIESEL STORAGE TANK

