



**JONATHAN  
REVTAI**  
CONSTRUCTION  
MANAGEMENT

PROJECT SIZE  
378,000 SF  
PROJECT COST  
\$24 MILLION  
START DATE  
03.17.2008  
END DATE  
05.21.2009  
DELIVERY METHOD  
CM AT RISK

## BUILDING 1 AT BAKERY SQUARE

**P** OWNER/ DEVELOPER  
**R** BAKERY SQUARE  
**O** HOLDINGS, L.P.  
**J** ARCHITECT  
**E** ASTORINO  
**C** CM AT RISK  
**T** P.J. DICK INC.  
**E**  
**A**  
**M**

BUILDING 1 IS PART OF THE BAKERY SQUARE PROJECT BUILT AROUND THE RENOVATION OF THE 1918 NABISCO FACTORY. THIS FACILITY INCLUDES RETAIL SPACES, A FITNESS CENTER, RESTAURANTS, AND A PARKING GARAGE. THE PARKING GARAGE STRUCTURE IS BUILT AROUND ALL OF THE OTHER SPACES INCLUDING A CAST-IN-PLACE SWIMMING POOL ON LEVEL TWO. FACADE FINISHES WILL BE PROVIDED DURING FIT OUT, AND HAVE NOT BEEN FINALIZED.

PITTSBURGH, PA

### MEP

ROOF TOP UNITS ARE USED TO CONDITION THE RETAIL FITNESS SPACES, WHILE WALL UNITS ARE USED IN THE PARKING GARAGE SECTION. PLUMBING IS LIMITED TO BATHROOMS

[WWW.ENGR.PSU.EDU/AE/THESIS/PORTFOLIOS/2009/JAR5015](http://WWW.ENGR.PSU.EDU/AE/THESIS/PORTFOLIOS/2009/JAR5015)

### ELECTRICAL

THE FITNESS CENTER IS FED BY A SEPARATE SWITCH BOARD FROM THE REST OF THE BUILDING. THE FEED TO EACH SWITCHBOARD IS A 3 PHASE, 480 V CONNECTION.

### STRUCTURAL

PRECAST CONCRETE IS USED FOR MOST OF THE SUPERSTRUCTURE. STRUCTURAL STEEL IS USED FOR AN OUTSIDE BRIDGE, AND A HANGING MEZZANINE IN THE FITNESS CENTER. THE FOUNDATIONS ARE BUILT WITH AUGER CAST PILES.

