

PROJECT LOCATION



PROJECT LOCATION MAP

SCALE: NONE

GENERAL NOTES

1. THESE DRAWINGS SHOW EXISTING FACILITIES BASED UPON INFORMATION OBTAINED FROM AN EXISTING CONDITIONS SURVEY AND MAY NOT REPRESENT CONDITIONS EXACTLY AS THEY WERE CONSTRUCTED. NEITHER THE OWNER, ENGINEER NOR ANY AGENT THEREOF WARRANT THE INFORMATION FOR ACCURACY OR COMPLETENESS.
2. THE CONTRACTOR SHALL REVIEW THE DRAWINGS AND PERFORM ANY ON-SITE INSPECTIONS NECESSARY TO COMPLETE THE WORK IN ALL RESPECTS. ANY DEVIATIONS FOUND DURING CONSTRUCTION FROM THE INFORMATION PROVIDED WILL NOT BE ACCEPTED AS A BASIS FOR ADDITIONAL COMPENSATION.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE AND REPORT ANY ERRORS OR INCONSISTENCIES FROM DIMENSIONS INDICATED BY THE ENGINEER.
4. ALL WORK SHALL BE PERFORMED WITHIN STRICT CONFORMANCE WITH THE INTERNATIONAL BUILDING CODE 2009, AND IN CONFORMANCE WITH ALL APPLICABLE LAWS IN AFFECT AT THE TIME OF CONSTRUCTION.
5. THE TERM PROVIDE AS USED IN THE CONTRACT DOCUMENTS SHALL BE UNDERSTOOD TO MEAN FURNISH AND INSTALL COMPLETE AND READY FOR USE.

DRAWING LIST

CS1	COVER SHEET
G1	FIRST FLOOR DEMOLITION AND NEW WORK PLANS
G2	FIRST FLOOR SIGNAGE PLAN AND SPECIFICATIONS
F1	FIRST FLOOR LAB EQUIPMENT PLAN & DETAILS
F2	LAB EQUIPMENT ELEVATIONS
F3	LAB EQUIPMENT SECTIONS & SPECIFICATIONS
F4	LAB HOOD SECTIONS & SPECIFICATIONS
H1	HVAC PLANS & SPECIFICATIONS
P1	FIRST FLOOR PLUMBING PLANS & DETAILS
P2	GAS PIPING ROOF PLAN & SPECIFICATIONS
E1	ELECTRICAL PLANS & SPECIFICATIONS

5. ALL QUESTIONS OR CLARIFICATIONS PERTAINING TO THE DRAWINGS SHALL BE DIRECTED TO THE ENGINEER IN WRITING VIA EMAIL, FAX OR US MAIL.
6. ALL DIMENSIONS ARE TO THE FACE OF FINISH UNLESS INDICATED OTHERWISE. ALL MASONRY DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE.
7. THE CONTRACTOR SHALL USE COMPLETE SETS OF DRAWINGS. NEITHER THE OWNER NOR ENGINEER ASSUMES RESPONSIBILITY FOR ERRORS OR MISINTERPRETATIONS RESULTING FROM THE USE OF INCOMPLETE SETS.
8. THE CONTRACTOR SHALL COORDINATE WORK OF ALL TRADES WITH OTHER CONTRACTORS.
9. ALL DEVIATIONS FROM THE ORIGINAL CONTRACT DOCUMENTS SHALL BE NOTED ON RECORD DRAWINGS AT THE TIME MODIFICATIONS OCCUR AND SHALL BE READILY AVAILABLE TO THE ENGINEER.
10. DO NOT SCALE DRAWINGS.

ST. JOSEPH'S CATHOLIC ACADEMY  
SCIENCE LAB RENOVATIONS

ST. JOSEPH'S CATHOLIC ACADEMY  
901 BOALSBURG PIKE  
BOALSBURG, PA 16827

PROJECT NO. : PBCI NO. E33004

CODE SUBMISSION & BID SET: FEBRUARY 25, 2013

CODE RESUBMISSION: MAY 21, 2013

CODE RESUBMISSION #2: JUNE 6, 2013

2009 IEBC SUMMARY

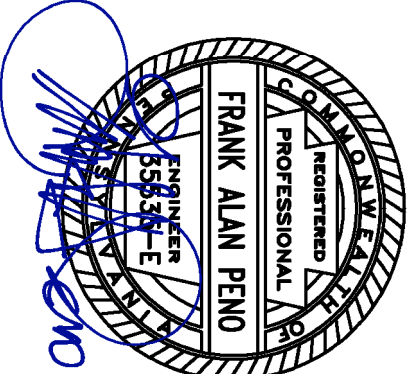
TYPE OF CONSTRUCTION (IBC SECTION 602)	TYPE 3B - NON-COMBUSTIBLE
USE & OCCUPANCY CLASSIFICATION	E (EDUCATION)
NUMBER OF STORIES	2 + BASEMENT
GROSS BUILDING AREA PER FLOOR	2 STORIES & 14,500 SF ALLOWABLE 2 STORIES & 14,410 SF ACTUAL
BUILDING AREA / FIRE PROTECTION SUMMARY	
BASEMENT	3,079 GSF
FIRST FLOOR	14,410 GSF
SECOND FLOOR	5,155 GSF
TOTAL	22,444 GSF
FIRE - RESISTIVE RATING FOR BUILDING ELEMENTS	
STRUCTURAL FRAME	0 HR
INTERIOR NON-BEARING WALLS & PARTITIONS	0 HR (TABLE 601)
FLOOR CONSTRUCTION	0 HR
ROOF CONSTRUCTION	0 HR
CLASSIFICATION OF WORK	
WORK AREA COMPLIANCE METHOD	2,031 GSF
LEVEL 2 ALTERATION - FIRST FLOOR	2,031 GSF / 22,444 GSF = 9%
TOTAL PERCENTAGE - ALTERATION	
FIRE PROTECTION SYSTEM	
SPRINKLER SYSTEM	NONE
FIRE ALARM SYSTEM	EXISTING TO REMAIN
MEANS OF EGRESS CALCULATIONS	
OCCUPANT LOAD (IBC TABLE 1004.1.1)	
E (EDUCATION) OCCUPANCY @ 20 GSF / PERSON	
CLASSROOM	4,619 GSF CLASSROOMS/20 =
50 SF PER PERSON (NET VOCATIONAL)	
2,330 GSF VOCATIONAL/50	
TOTAL =	230 PEOPLE
ACTUAL =	47 PEOPLE
MINIMUM NUMBER OF EXITS PER OCCUPANT LOAD =	277 PEOPLE
NUMBER OF EXITS PROVIDED =	110 PEOPLE
REQUIRED EGRESS WIDTH PER OCCUPANT SERVED	
STAIRWAYS	0.3 INCHES / OCCUPANT
OTHER COMPONENTS	0.2 INCHES / OCCUPANT
REQUIRED EGRESS WIDTH	83' @ STAIRWAYS
277 OCCUPANTS X 0.3' =	56' @ OTHER COMPONENTS
277 OCCUPANTS X 0.2' =	
EXIT NO. 1 - NORTH EXIT	144'
ACTUAL EGRESS WIDTH DOORS @ 36" X 36" =	
36" X 36" =	
EXIT NO. 2 - WEST EXIT	72'
ACTUAL EGRESS WIDTH DOORS @ 36" X 36" =	
36" X 36" =	
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MINIMUM PLUMBING FIXTURE CALCULATION:

PER IBC TABLE 403.1:  
EDUCATIONAL CLASSIFICATION  
277 OCCUPANTS  
REQUIRED MINIMUM FIXTURES:  
WATER CLOSETS = (1 PER 50) = 6  
LAVATORIES = (1 PER 50) = 6  
ACTUAL FIXTURES:  
WATER CLOSETS = 17  
LAVATORIES = 19

ADA UPGRADE COMPLIANCE:

PROJECT COMPLIANCE COST:  
GENERAL CONSTRUCTION = \$ 11,950  
HVAC CONSTRUCTION = \$ 20,800  
ELECTRICAL CONSTRUCT = \$ 7,200  
PLUMBING CONSTRUCT = \$ 11,500  
TOTAL CONST. COST = \$ 51,450  
ADA BUDGET (20%) = \$ 10,290  
ADA UPGRADES:  
REMOVED CLOSETTERS = \$ 800  
NEW CLOSETTERS = \$ 7,200  
ADA SIGNAGE = \$ 2,300  
TOTAL ADA UPGRADES = \$ 10,800



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CS1

