

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.
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.

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 |

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

2009 IEBC SUMMARY

TYPE OF CONSTRUCTION (IBC SECTION 602)	TYPE 3B, NON-COMBUSTIBLE E (EDUCATION)
USE & OCCUPANCY CLASSIFICATION	
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	NOT SPRINKLERED
FIRST FLOOR	NOT SPRINKLERED
SECOND FLOOR	NOT SPRINKLERED
TOTAL	3,079 GSF 14,410 GSF 5,155 GSF 22,644 GSF
FIRE - RESISTIVE RATING FOR BUILDING ELEMENTS	
STRUCTURAL FRAME	0 HR
EXTERIOR NON-BEARING WALLS	0 HR (TABLE 601)
INTERIOR NON-BEARING WALLS & PARTITIONS	0 HR
FLOOR CONSTRUCTION	0 HR
ROOF CONSTRUCTION	0 HR

MINIMUM PLUMBING FIXTURE CALCULATION:	
PER IPC 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	
URINALS = 5	
LAVATORIES = 19	

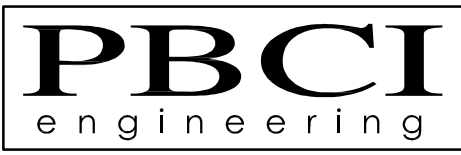
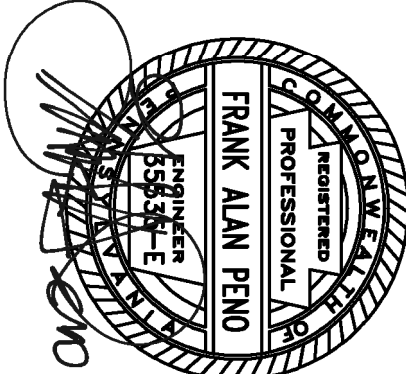
CLASSIFICATION OF WORK	
WORK AREA COMPLIANCE METHOD	
LEVEL 2 ALTERATION - FIRST FLOOR	2,031 GSF
TOTAL PERCENTAGE - ALTERATION	2,031 GSF / 22,644 GSF = 9%

FIRE PROTECTION SYSTEM	NONE
SPRINKLER SYSTEM	EXISTING TO REMAIN
FIRE ALARM SYSTEM	

MEANS OF EGRESS CALCULATIONS:	
OCCUPANT LOAD (IBC TABLE 1004.1.1)	
E (EDUCATION) OCCUPANCY @ 20 GSF / PERSON	
CALCULATED: 4,619 GSF CLASSROOMS/70 =	230 PEOPLE
50 SF PER PERSON (NET VOCATIONAL)	47 PEOPLE
2,330 GSF VOCATIONAL/50	277 PEOPLE
TOTAL =	110 PEOPLE
ACTUAL =	

MINIMUM NUMBER OF EXITS PER OCCUPANT LOAD =	2
NUMBER OF EXITS PROVIDED =	4
REQUIRED EGRESS WIDTH PER OCCUPANT SERVED	
STAIRWAYS	0.3 INCHES / OCCUPANT
OTHER COMPONENTS	0.2 INCHES / OCCUPANT
REQUIRED EGRESS WIDTH	
277 OCCUPANTS X 0.3" =	83' @ STAIRWAYS
277 OCCUPANTS X 0.2" =	56' @ OTHER COMPONENTS
EXIT NO. 1 - NORTH EXIT	
ACTUAL EGRESS WIDTH DOORS = 36"+36"+36"+36" =	144"
EXIT NO. 2 - WEST EXIT	
ACTUAL EGRESS WIDTH DOORS = 36"+36" =	72"

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