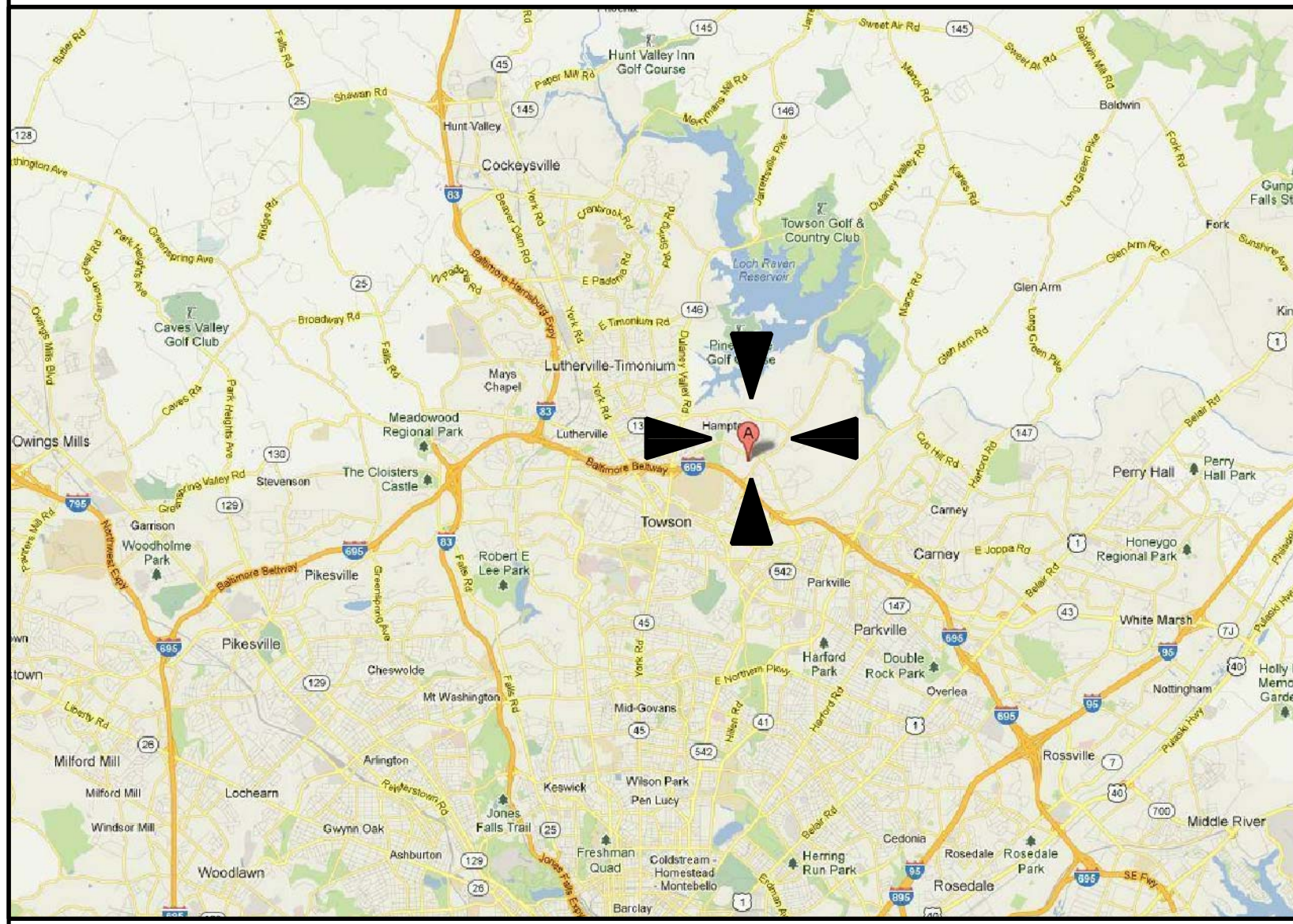
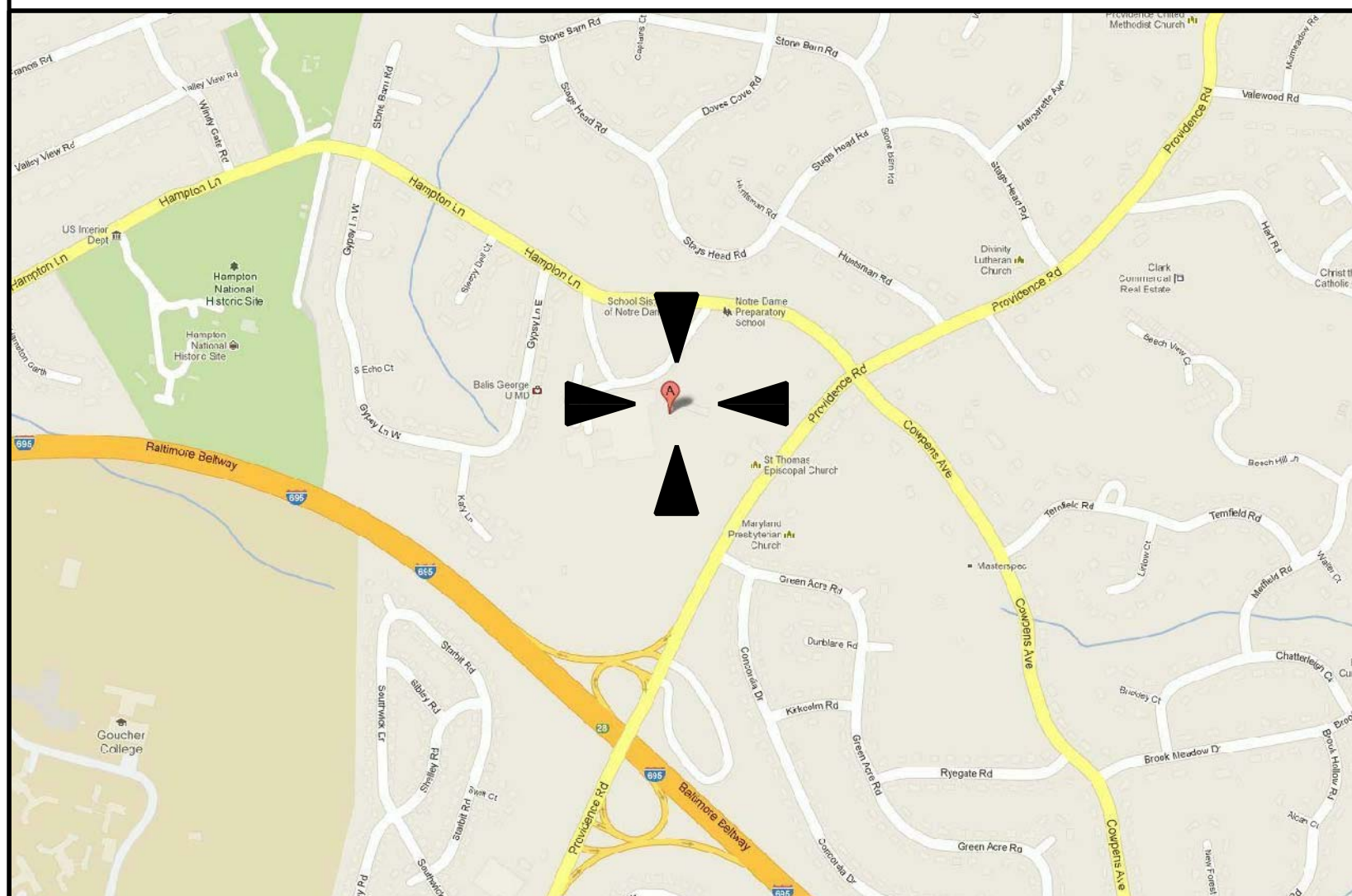


AREA MAP



LOCATION MAP



Notre Dame Preparatory School

815 Hampton Lane,
Towson, MD 21286

Convent - Office Renovations PERMIT & CONSTRUCTION 08-06-2013

Owner / Developer
Notre Dame Preparatory School
815 Hampton Lane,
Towson, MD 21286
Office: 410-825-6202

Architect
Gaudreau, Inc.
810 Light Street
Baltimore, MD 21230
PHONE (410) 837-5040 FAX (410) 837-8093

Construction Manager
Constantine Commercial Construction, Inc.
9494 Deereco Rd
Lutherville, MD 21093
Office: 410- 453-0150

Mechanical / Electric / Plumbing
JennErik Engineering, Inc.
4322 Cross Brook Drive
Perry Hall, MD 21128-9854
Office: 410-404-4713

CODE ANALYSIS

PROJECT DESCRIPTION

THE BUILDING HAS THREE FULL FLOORS ABOVE GRADE WITH A BASEMENT. THE EXTERIOR WALLS OF THE BUILDING ARE CAVITY WALL CONSTRUCTION (BRICK & CMU). ALL FLOORS AND THE ROOF STRUCTURE ARE CONSTRUCTED OF CONCRETE PLANKS WITH CONCRETE TOPPING SUPPORTED BY CMU BEARING WALLS AND A FEW CONCRETE COLUMNS. NEW SPRINKLERS ARE BEING ADDED PER PREVIOUS PERMIT APPLICATION. HAZMAT ABATEMENT HAS OCCURRED PER PREVIOUS PERMIT APPLICATION.

APPLICABLE CODES

- INTERNATIONAL EXISTING BUILDING CODE (IEBC) / 2012
- INTERNATIONAL MECHANICAL CODE / 2011
- NATIONAL ELECTRIC CODE / 2011
- NATIONAL STANDARD PLUMBING CODE / 2009
- INTERNATIONAL ENERGY CODE / 2012
- NFPA 1 - FIRE PREVENTION CODE / 2009
- NFPA 13 - INSTALLATION OF SPRINKLER SYSTEMS
- NFPA 12-99 NATIONAL FIRE ALARM CODE
- NFPA 101 - LIFE SAFETY CODE / 2009
- COMAR 05.02.02 ADA/ADAAG MARYLAND ACCESSIBILITY CODE

3.1 BUILDING USE & TYPE OF CONSTRUCTION

OCCUPANCY TYPE: NON SEPARATED MIXED USE OCCUPANCIES

IEBC 302: RESIDENTIAL (R), ASSEMBLY (A), STORAGE (S), BUSINESS (B)

NFPA 101 6.1.0: RESIDENTIAL, 6.1.2: ASSEMBLY & 6.1.11: BUSINESS

NFPA 13 & 13-R.

SPACE	OCCUPANCY
3RD FLOOR	CONVENT/ASSEMBLY
2ND FLOOR	CONVENT/ASSEMBLY
1ST FLOOR	OFFICE
BASEMENT	STORAGE/ MECH

(ACCESSORY USE)

IEBC 302: RESIDENTIAL (R), ASSEMBLY (A), STORAGE (S), BUSINESS (B)

303.1.2 SMALL ASSEMBLY SPACES:

THE FOLLOWING ROOMS AND SPACES SHALL NOT BE CLASSIFIED AS ASSEMBLY OCCUPANCIES:

- A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS LESS THAN 750 SF IN AREA AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.

TYPE OF CONSTRUCTION:

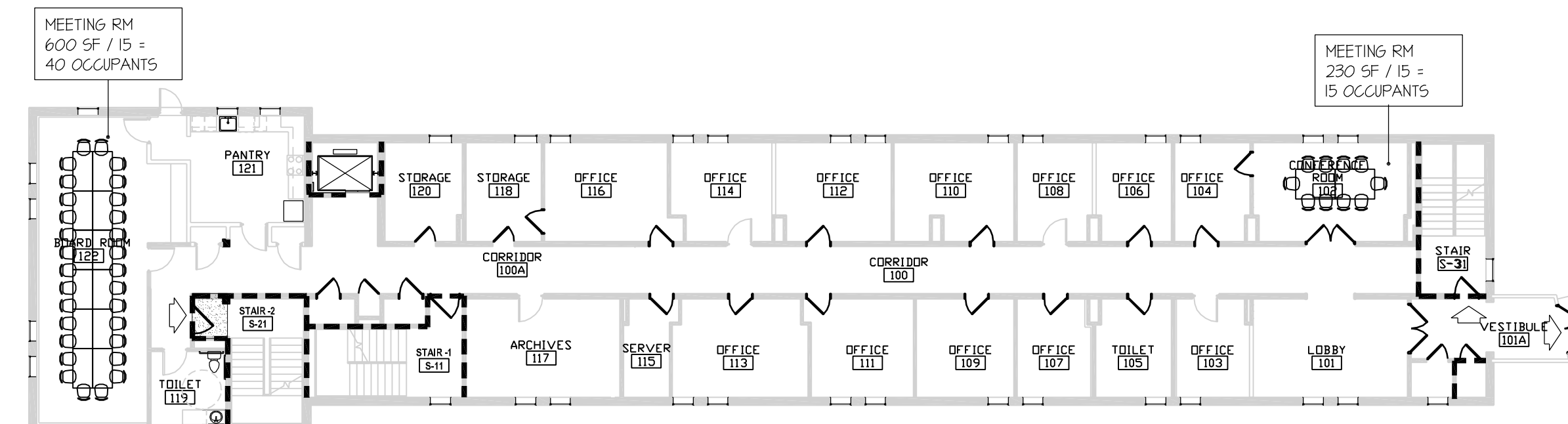
IEBC TABLE 601 - TYPE IIB, NONCOMBUSTIBLE MATERIALS

3.4 OCCUPANCY CALCULATIONS :

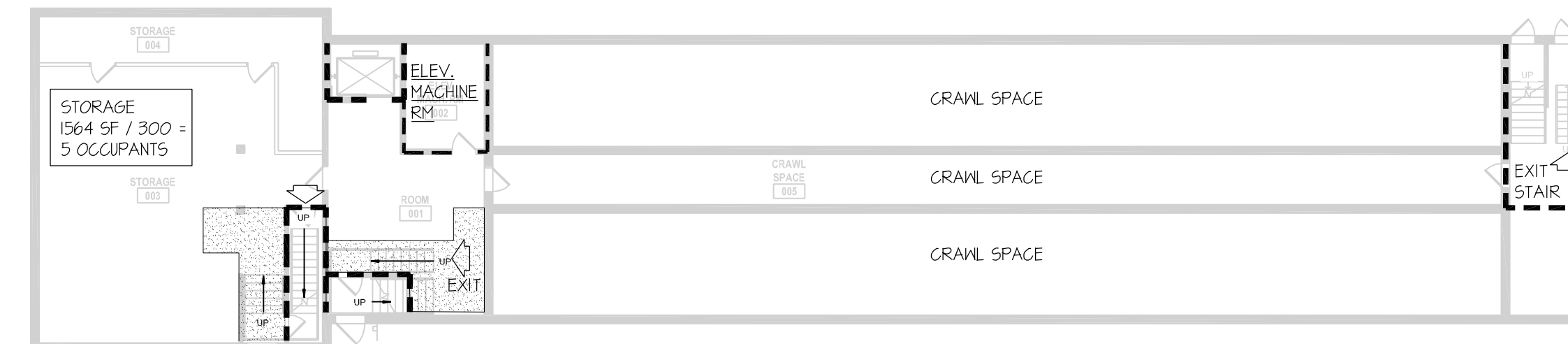
PER IEBC 2012 (TABLE 1004.1.2):

FLOOR	OCCUPANCY	SF/OCCUPANT	TOTAL
1st FLOOR:			
OFFICES: 5805 SF	BUSINESS	100 GROSS	58
BOARD ROOM: 600 SF	BUSINESS	100 GROSS	40
CONF ROOM: 230 SF	BUSINESS	100 GROSS	15
TOTAL			113

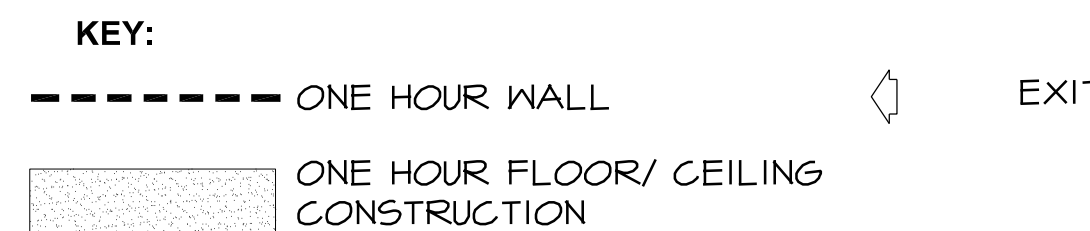
FIRE PROTECTION PLANS



FIRST FLOOR



BASEMENT



5.1 ALLOWABLE HEIGHT & AREA

	ACTUAL AREA (SF)	ALLOWABLE AREA (SF) PER IEBC 506
CONVENT	6635 SF	16,000 SF

PER IEBC TABLE 503 FOR TYPE IIB CONSTRUCTION USE GROUP R-2:

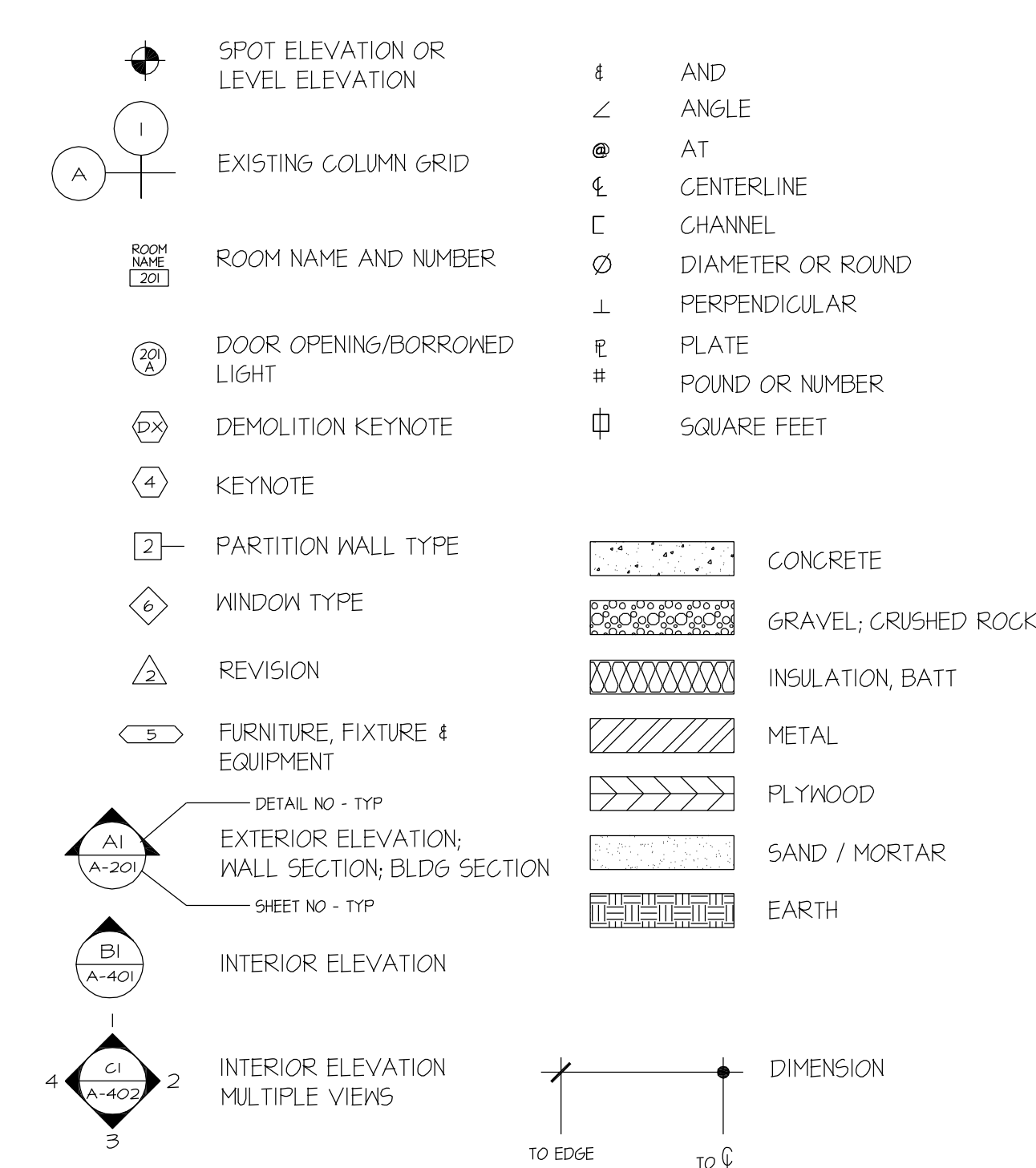
- ALLOWABLE TABULATED AREA AND HEIGHT: 16,000 SQ.FT. AND 4 STORIES
- AUTOMATIC SPRINKLER SYSTEM INCREASE (IEBC SECTION 506.3): 200 %
- FRONTAGE INCREASE (IEBC SECTION 506.2)
- ACTUAL FIRST FLOOR AREA: 6635 SQ.FT.

CALCULATION

AUTOMATIC SPRINKLER SYSTEM INCREASE: 200% X 16,000 = 32,000 SF
FRONTAGE INCREASE: 0 SF
AREA ALLOWED/FLOOR: 16,000 SF + 32,000 SF = 48,000 SF
TOTAL AREA ALLOWED: 48,000 SF X 3 STORIES = 144,000 SF

ALLOWABLE HEIGHT: 5 STORIES
ACTUAL HEIGHT: 3 STORIES PLUS BASEMENT

ARCHITECTURAL SYMBOLS & MATERIALS



DRAWING LIST

SHEET #	SHEET NAME	08/06/13 PERMIT	08/06/13 CD
ARCHITECTURALS			
G-001	COVER SHEET, CODE ANALYSIS	•	•
A-101	FIRST FLOOR PLANS	•	•
PLUMBING			
P-001	GENERAL NOTES, ABBREVIATIONS, LEGEND & SCHEDULES		•
P-101	FIRST FLOOR PLAN - PLUMBING NEW WORK		•
MECHANICAL			
M-001	GENERAL NOTES, ABBREVIATIONS, LEGEND & SCHEDULES	•	•
M-101	FIRST FLOOR PLAN - HVAC NEW WORK	•	•
ELECTRICAL			
E-001	LEGEND, ABBREVIATIONS, NOTES & SCHEDULE		•
DE-101	FIRST FLOOR PLAN - ELECTRICAL DEMOLITION		•
E-101	FIRST FLOOR PLAN - ELECTRICAL NEW WORK		•

REVISIONS		
NO	DATE	DESCRIPTION

PROJECT NO: 13007-00
DATE: 08-06-13
G-001