



FIRE PROTECTION GENERAL NOTES

1. THE DESIGN, LAYOUT, INSTALLATION AND TESTING OF THE FIRE SPRINKLER SYSTEM SHALL COMPLY WITH NFPA 13, 2010 EDITION.
2. LIGHT HAZARD SYSTEMS SHALL BE HYDRAULICALLY DESIGNED TO PROVIDE A MINIMUM DENSITY OF 0.10-GPM/SQ.FT. OVER A MINIMUM REMOTE AREA OF APPLICATION OF 1,500-SQ.FT. PROVIDE 100-GPM FOR OUTSIDE HOSE.
3. ORDINARY HAZARD GROUP 2 SYSTEMS SHALL BE HYDRAULICALLY DESIGNED TO PROVIDE A MINIMUM DENSITY OF 0.20-GPM/SQ.FT. OVER A MINIMUM REMOTE AREA OF APPLICATION OF 1,500-SQ.FT. PROVIDE 250-GPM FOR OUTSIDE HOSE.
4. REDUCTION IN AREA OF APPLICATION USING THE SPECIAL DESIGN APPROACH IS PROHIBITED PER VA FIRE PROTECTION MANUAL.
5. A FIRE SAFETY FACTOR SHALL BE INCLUDED BY CALCULATING THE DEMAND TO A POINT NO GREATER THAN 10% BELOW THE AVAILABLE WATER SUPPLY CURVE.
6. SPRINKLER COVERAGE FOR LIGHT HAZARD COMPARTMENTS SHALL NOT EXCEED 225-SQ.FT. PER SPRINKLER.
7. SPRINKLER COVERAGE FOR ORDINARY HAZARD COMPARTMENTS SHALL NOT EXCEED 130-SQ.FT. PER SPRINKLER.
8. THE USE OF CPVC PIPE IS PROHIBITED.
9. PROVIDE UL LISTED AND FM APPROVED QUICK RESPONSE, RECESSED SPRINKLERS IN ALL AREAS.
10. PROVIDE SEISMIC PROTECTION IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.

100% SUBMITTAL
 BID SET -
 CONSTRUCTION
 DOCUMENTS
 DATE: DECEMBER, 21 2012

BID SET - 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

A
THREE INCHES = ONE FOOT
 B
ONE AND ONE-HALF INCHES = ONE FOOT
 C
ONE INCH = ONE FOOT
 D
THREE-QUARTERS INCH = ONE FOOT
 E
ONE-HALF INCH = ONE FOOT
 F
THREE-FIFTHS INCH = ONE FOOT
 ONE-FOURTH INCH = ONE FOOT

BY	REVISIONS	DATE



CONFIDENTIAL THESE DRAWINGS MUST BE RETURNED TO FACILITIES MANAGEMENT SERVICE, PROJECT SECTION, UPON COMPLETION, OR FINAL USE BY THE CONTRACTOR FOR BIDDING PURPOSES.

ASBESTOS WARNING: ASBESTOS CONTAINING BUILDING MATERIALS (ACBM) ARE PRESENT THROUGHOUT THE FACILITY. IF CONTRACTORS FIND ACBM, OR SUSPECT FINDING ACBM, THEY SHALL IMMEDIATELY STOP WORK AND CONTACT THE PROJECT CONTR.

SCALING NOTES: FULL SIZE V.A. "E" SHEETS (SCALE AS INDICATED) AND HALF SIZE V.A. "D" SHEETS (G) THE SCALE INDICATED LETTER SIZE DRAWINGS ARE NOT TO SCALE.

GENERAL NOTE: CONTRACTORS AND ARCHITECT/ENGINEERING FIRMS ARE RESPONSIBLE FOR THE FIELD VERIFICATION OF ALL EXISTING CONDITIONS.

Project Title
**RENOVATE
 WARD 5 EAST**

Drawing Title	Date
FIFTH FLOOR - WARD EAST FIRE PROTECTION NOTES AND DETAILS	12/21/12
Building Number	Project No.
47	637-11-119
Checked	Drawn
CLB	MSMS
Location	DRAWING NO.
ASHEVILLE, NC	FP103
	Dwg 78 Of 78

