GENERAL NOTES
1. ALL SINGLE STATION SMOKE ALARMS WITHIN EACH DWELLING UNIT MUST BE INTERCONNECTED TO SOUND AT ONCE.
2. WALL MOUNTED FIRE ALARM/SPEAKERS ARE MOUNTED AT 78" AFF.
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FIRE ALARM/MASS NOTIFICATION SYSTEM

A. PROVIDE A COMPLETE COMBINATION/SPRINKLER STANDPIPE SYSTEM FOR FVC SPECIFICATION SECTION 211313.

B. RUN ALL WIRING IN MINIMUM 3/4" CONDUIT.

C. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR THE LOCATION OF ALL CEILING-MOUNTED DEVICES. FIELD VERIFY APPROXIMATE WALL AND FLOOR PENETRATIONS SHOWN ON THE PLANS. SEAL ALL PENETRATIONS IN RATED SEPARATION TO MEET THE MINIMUM FIRE RATING SHOWN IS DERATED FOR AMBER STROBE LENS.

D. REFER TO SPECIFICATIONS FOR MATERIALS AND QUALITY OF CONSTRUCTION.

E. THE TOTAL CALCULATED WATER DEMAND FOR THIS OCCUPANCY IS EQUAL TO THE SUM OF THE SPRINKLER SYSTEM PLUS THE COMBINED STATIC HEAD REQUIREMENT. VERIFY THAT THE PROPOSED SPRINKLER SYSTEMS DEMAND CAN BE SATISFIED BY THE BASE WATER SUPPLY.

F. PROVIDE 16 AWG MINIMUM INITIATING DEVICE AND SIGNALING ADDRESSABLE FIRE ALARM CONTROL PANEL.

G. UTILIZE THE WATER FLOW TEST DATA BELOW FOR PREPARING HYDRAULIC CALCULATIONS. VERIFY THAT THE PROPOSED SPRINKLER SYSTEMS DEMAND CAN BE SATISFIED BY THE BASE WATER SUPPLY.

H. PROVIDE 100 PSI AT THE MOST HYDRAULICALLY REMOTE HOSE VALVE PER CONNECTION ONLY UTILIZING A FIRE DEPARTMENT PUMPER TRUCK.

I. PROVIDE 16 AWG MINIMUM NOTIFICATION DEVICE CIRCUITS.

J. PROVIDE CLASS "A", STYLE 6 SIGNALING LINE CIRCUITS.

K. PROVIDE HANGERS AND SEISMIC BRACING AS REQUIRED PER NFPA 13 AND UFC 4-010-01.

L. PROVIDE ACCESS DOORS AND SIGNAGE WHERE ACCESS IS REQUIRED TO MULTIPLE ZONE ALARMS.

M. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

N. PROVIDE STROBES AND SPEAKER/STROBES WITH WHITE COVER PLATES FOR AREAS OTHER THAN DORMITORY ROOMS AND ASSOCIATED CORRIDORS. IN ALL AREAS WITHOUT SUSPENDED CEILINGS, PROVIDE QUICK RESPONSE BRASS UPRIGHT SPRINKLERS.

O. PROVIDE SAFE AND REASONABLE HOUSING FOR ALL FIRE PROTECTION SYSTEMS FOR AUDIBLE NOTIFICATION. (NUMBER INDICATES MINIMUM FIRE ALARM STROBE CANDELA, "MN" ABOVE NUMBER INDICATES MINIMUM MASS NOTIFICATION CANDELA. NOTE: MASS NOTIFICATION CANDELA RATING SHOWN IS DERATED FOR AMBER STROBE LENS). PROVIDE 0.10 GPM/SQ FT DENSITY FOR OFFICE, ACADEMIC, AND COMMON AREAS; 0.20 GPM/SQ FT DENSITY FOR THE RESTROOM, BALCONY, AND ENTRY SPACE; 0.25 GPM/SQ FT DENSITY FOR OFFICE AND LABORATORY AREAS, 0.50 GPM/SQ FT DENSITY FOR AFCEE, LOCAL FIRE DEPARTMENT, AND THE DESIGN/BUILD FIRE PROTECTION DEPARTMENT (AFCEE) LOCALS AS PER NFPA 72 FOR VISIBLE AND AUDIBLE NOTIFICATION DEVICES. UPON ACTIVATION OF THE MASS NOTIFICATION SYSTEM, TEMPORARILY DEACTIVATE FIRE ALARM SYSTEM AUDIBLE SIGNALS DURING EMERGENCY VOICE MESSAGING. FIRE ALARM VISUALS AND SIGNAL TRANSMISSION TO THE BASE FIRE DEPARTMENT ARE TO REMAIN FUNCTIONAL. REACTIVATE THE FIRE ALARM AUDIBLES AFTER THE MESSAGE IS COMPLETED.

P. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

Q. PROVIDE CLASS 70079G ALARMS/EQUIPMENT CIRCUITS. PROVIDE NO ACCESS DOORS AND SIGNAGE WHERE ACCESS IS REQUIRED TO MULTIPLE ZONE ALARMS.

R. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

S. PROVIDE CLASS "A", STYLE 6 SIGNALING LINE CIRCUITS.

T. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

U. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

V. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

W. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

X. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

Y. PROVIDE 16 AND 24VDC POWER LIMITED CIRCUITS.

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