Fire Suppression Submittal Checklist

☐ Four sets of complete drawings and calculations must be submitted. Fees will be assessed in approval letter.

☐ System must be designed utilizing a minimum 10 psi pressure below available supply.

☐ Plans must be to scale and clearly show work to be done including a detailed scope of work.

☐ Plans must show the job name and complete address.

☐ All plans must have the contractors name, address, and phone number.

☐ The specific type and quantity of sprinklers must be provided on every page.

☐ Design details in accordance with applicable standard as referenced by the Michigan Building Code and/or other applicable codes.

☐ Occupancy class and use of each area or room shall be shown.

☐ Catalog cut sheets for all equipment including sprinklers, valves, etc. must be included and highlighted.

☐ Fire hydrant flow test information must be dated and less than 1 year old.

☐ Hydraulic calculations must clearly show the friction lost for the backflow preventer and include a graph curve sheet.

☐ All hydraulic node points must be clearly shown on the drawings and match the calculations.

☐ All ceiling information including soffits, heights, construction type, slope, etc. must be shown and noted with the cross section detailed on the plans.

☐ For existing systems enough of the existing system must be shown or detailed so thorough review can be completed.

☐ Specific code sections and storage information must be provided for all design densities over an Ordinary Group II.

☐ Provide a scaled site plan indicating North and clearly showing the building fire department connection and fire hydrant locations.

**Inspection requirements**

☐ AHFD must witness hydrostatic test. Contact AHFD 48 hours prior to test. Contractor’s material and test certificate must be provided.

☐ Contractor must schedule a piping inspection prior to installation of ceilings, or the enclosure of concealed spaces 48 hours prior.

☐ No on-site work will be allowed without first obtaining a permit unless expressed permission has been given by this department.

☐ All fees must be paid prior to final suppression inspection and subsequent approval.

☐ Cutouts shall be made available at time of inspection.