



Where is the best place to satisfy the 90F as the discharge temp is typically hotter than at the mixer where the friction passing through the duct has not taken place, especially on long tendons?

Typically, the temp is taken from the mixer prior to pumping. You're right that it can gain heat during flow through the duct. Because excessive heat can cause you pumping problems, you may want to take the outlet temp on the first tendon just to inform you on the next tendons (it will keep your pumping pressure down so it's worth it even if the spec refers to the inlet).