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***Powhatan***

**IFB 2022-02 Addendum #1**

**Issued: April 13, 2022**

**Bids Due: April 21, 2022 at 2:00 P.M.**

**Please acknowledge receipt of addendum using the space provided in the bid package.**

**A. Questions received at the Pre-Bid Meeting:**

- 1. Sheet C2.0 has a note about the use of restrained joints. What are the expectations for the restrained joints, threaded rod, Megalugs, etc? Please clarify.**

See Sheet G1.1 for minimum restrained joint lengths based on the type of fitting or valve. See Chesterfield County Water and Sewer Specifications and Procedures – Fourth Edition May 2020, Approved Materials List, Section 1 Water System, Item W. Pipe Restraints for approved materials to be used. For reference, here is that section:

**W. Pipe Restraints (must be UL Listed and FM Approved)**

1. For PVC Pipe (Sizes up to 12")
  - a. Capital – EZ-PVC
  - b. EBBA Iron
    - i. Megalug Series 2000 PV (PVC Pipe – MJ Fittings)
    - ii. Megalug Series 1500 (PVC Bell and Spigot Joints)
  - c. Mueller – AquaGrip Intergral Restraint System for use on the Centurion Fire Hydrants and Mueller RS Valves
  - d. Romac Style 611 (PVC Bell and Spigot Joints)
  - e. SIGMA – One-Lok Model SLC
  - f. Star pipe – STARGRIP Series 4000 (PVC Pipe – MJ Fittings)
  - g. Tuf Grip MJ Restraint (6"-12")
  - h. Uni-Flange
    - i. Series 1390-C (PVC Bell and Spigot Joints)
    - ii. Uni-Flange Series 1500 (PVC Pipe – MJ Fittings)

- 2. There is a conflict in the bid documents, one place says substantial completion within 90 calendar days and in another place it says substantial completion within 120 calendar days. Which one is correct?**

