



- NOTES:**
1. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1013 & AWWA C511.
  2. BACKFLOW ASSEMBLY SHALL BE CENTERED ON CONCRETE PAD AND CENTERED WITHIN ENCLOSURE.
  3. CLASS 1, ASSE 1060 HEATED AND INSULATED WEATHERPROOF ENCLOSURE REQUIRED.
  4. STANDARD 120V GFCI ELECTRICAL RECEPTACLE TO BE INSTALLED IN ACCORDANCE WITH THE N.C. ELECTRICAL CODE FOR OUTDOOR OPERATION.
  5. ALL PIPE AND FITTINGS BETWEEN THE POTABLE MAIN AND RECLAIMED WATER MAIN SHALL BE RESTRAINED CLASS 350 DIP APPROVED BY CARY. PIPE SHALL BE SIZED EQUAL TO THE RECLAIMED WATER MAIN OR ONE STANDARD SIZE SMALLER.
  6. INSTALLATION SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CARY ORDINANCES AND SPECIFICATIONS IN ADDITION TO THE N.C. PLUMBING CODE.
  7. PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE AND OPERATION OF BACKFLOW ASSEMBLY AND COMPLIANCE WITH REPORTING AND TESTING REQUIREMENTS.
  8. ALL 'NO LEAD' BRASS COMPONENTS SHALL MEET UNS C89833 AS PER ASTM B584.

**STANDARD RECLAIMED WATER BACKFLOW ASSEMBLY  
(FOR TEMPORARY CONNECTION OF POTABLE WATER MAINS TO AN  
UNSERVED RECLAIMED WATER PIPELINE NETWORK)**

DETAIL No.  
**6500.06**



EFFECTIVE: 07/01/23