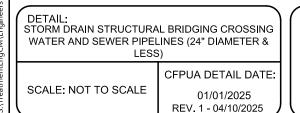


- NOTES:
 - STRUCTURAL BRIDGING IS REQUIRED WHEN STATE STANDARD MINIMUM SEPARATIONS CANNOT BE ACHIEVED. IN ADDITION TO STRUCTURAL BRIDGING, A VARIANCE APPROVAL FROM THE REVIEWING STATE AGENCY AND CFPUA SHALL BE OBTAINED.
 - WATER MAIN CROSSING STORM DRAIN SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL 1.1. SEPARATION OF 12 INCHES.
 - SEWER MAIN AND SEWER FORCE MAIN CROSSING STORM DRAIN SHALL BE LAID TO 1.2. PROVIDE A MINIMUM VERTICAL SEPARATION OF 18 INCHES.
 - THIS DETAIL IS NOT APPLICABLE TO NCDOT ROADWAYS. ANY STRUCTURAL BRIDGING WITHIN NCDOT RIGHT-OF-WAY MUST ADHERE TO NCDOT REGULATIONS.
 - THIS DETAIL IS APPLICABLE SOLELY TO STORM DRAIN PIPES WITH A DIAMETER OF 24 INCHES OR SMALLER. FOR PIPES EXCEEDING 24 INCHES IN DIAMETER, THE ENGINEER MUST CREATE A CUSTOM STRUCTURAL BRIDGING DETAIL TO SUPPORT THE LARGER PIPES, WHICH WILL BE SUBMITTED TO CFPUA FOR REVIEW AND APPROVAL.





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DETAIL NO: WS-12

SHEET NO:

TreatmentEngCM/Engineers/2003_Project Management/2017 Projects-Standards Update 314817.045/CFPUA Dwg Details/CAD\WS-12 Structural Bridging Over Water & Sewer Pipelines.dwg, 4/10/2025 2:55:51 PM, justin.hanes