

User:JUSTIN.HANES File: \\CFPUA-SHARE\DEPARTMENT\ENGINEERS\2003_PROJECT MANAGEMENT DIVISION\2017_PROJECTS\314817\045-STANDARDS UPDATE\40_CFPUA_DWG_DETAILS\FINAL DETAIL DRAWINGS\CAOWS-12 STRUCTURAL BRIDGING OVER WATER & SEWER PIPELINES.DWG Scale:1:1 Plot Date:10/22/2018 Tmr:15:24 Justin.Hanes Layout:MODEL

STORM DRAIN

INSET

NOT TO SCALE

FORM CRADLE, FILL VOID WITH 3000 PSI (MIN) CONCRETE

SEE INSET

STORM DRAIN

DIA. OF STORM DRAIN PIPE

12"

SANITARY SEWER, FORCE, OR WATER MAIN

FINISHED GRADE

FILL

STORM DRAIN

#57 STONE

SEWER, FORCE OR WATER MAIN

#57 STONE BEDDING AS NEEDED TO STABILIZE FOUNDATION

12" MIN.

CONCRETE FOOTING/PIER (OR CONC. BLOCK FILLED WITH CONC.)

6" - 24"

8" MIN.

12" MIN. FROM EDGE OF PIPE

NOTES:

1. PIPELINE BRIDGING REQUIRED FOR VERTICAL SEPARATION 6" - 24".
2. VERTICAL SEPARATION LESS THAN 6" IS NOT PERMITTED.
3. NO PIPE JOINTS ON STORM DRAINS BETWEEN PIERS.
4. WHEN SANITARY SEWER CROSSES OVER A WATER MAIN, BOTH PIPELINES SHALL BE PRESSURE RATED DUCTILE IRON PIPE AND JOINTS FOR 10' (MINIMUM) ON EACH SIDE OF THE POINT OF CROSSING.

DETAIL: STRUCTURAL BRIDGING OVER WATER & SEWER PIPELINES	
SCALE: NOT TO SCALE	CFPUA DETAIL DATE: 01/01/19
CFPUA REV. No: 1	

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Stewardship. Sustainability. Service.

DETAIL NO: WS-12
SHEET NO: -