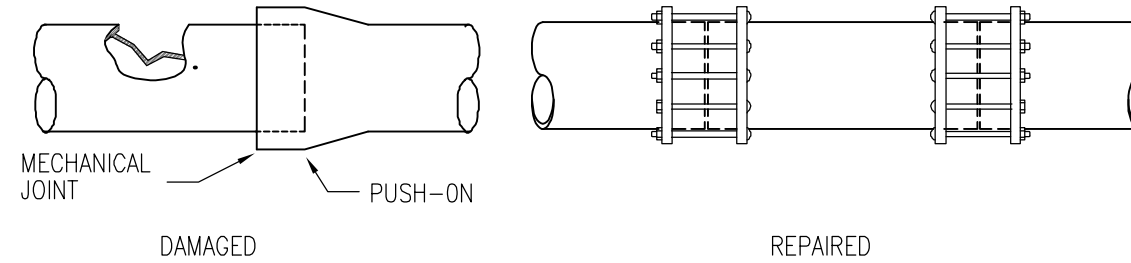
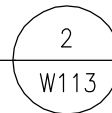


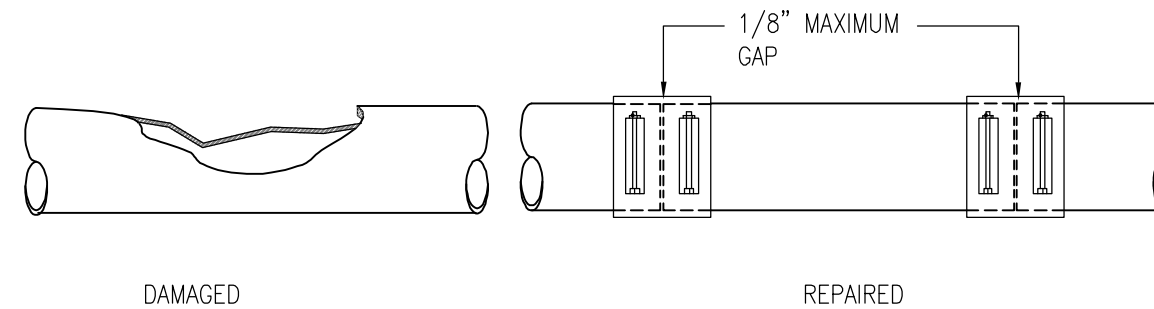
# DUCTILE IRON PIPE

NOTE: WATER MAINS AND SERVICE MAINS SHALL BE INSULATED WITH A MINIMUM 3" URETHANE INSULATION.

## TYPICAL PIPE CONNECTIONS



FOR PIPE SECTIONS-DAMAGED CLOSE TO PUSH-ON OR MECHANICAL TYPE JOINT. CUT OFF DAMAGED SECTION AND BELL OF UNDAMAGED PIPE PERPENDICULAR TO PIPE AXIS. INSERT SAME TYPE AND DIAMETER OF PIPE. USE A FULL CIRCLE CLAMP LEAVING A MAXIMUM 1/8" GAP BETWEEN PIPES (DRESSER 62 OR 263), OR FLEXIBLE COUPLING (DRESSER 253). FLEXIBLE COUPLING SHOWN.



FOR PIPE DAMAGED NEAR THE MIDDLE OF THE SECTION. REMOVE THE DAMAGED SECTION, MAKING CUTS PERPENDICULAR TO THE PIPE AXIS. INSERT SAME TYPE AND DIAMETER OF PIPE, LEAVING A MAXIMUM OF 1/8" GAP BETWEEN PIPES. USE A FULL CIRCLE CLAMP (ROCKWELL 256 OR EQUAL), OR FLEXIBLE COUPLING (ROCKWELL 433 OR EQUAL). FULL CIRCLE CLAMP SHOWN.

## PIPE REPAIR



Jimmy Huntington Building  
714 Fourth Avenue, Suite 201  
Fairbanks, Alaska 99701  
Telephone (907) 455-1500  
Fax (907) 455-6788

Date: 14 FEB 2010  
Scale: NONE  
Designed By: CDH  
Drawn By: MMC  
Checked By: NEM

DIRECT BURIED WATER DISTRIBUTION SYSTEM  
WATER PIPING REPAIR DETAILS

DESIGN & CONSTRUCTION STANDARDS

Drawing No.

UES-DD-W113