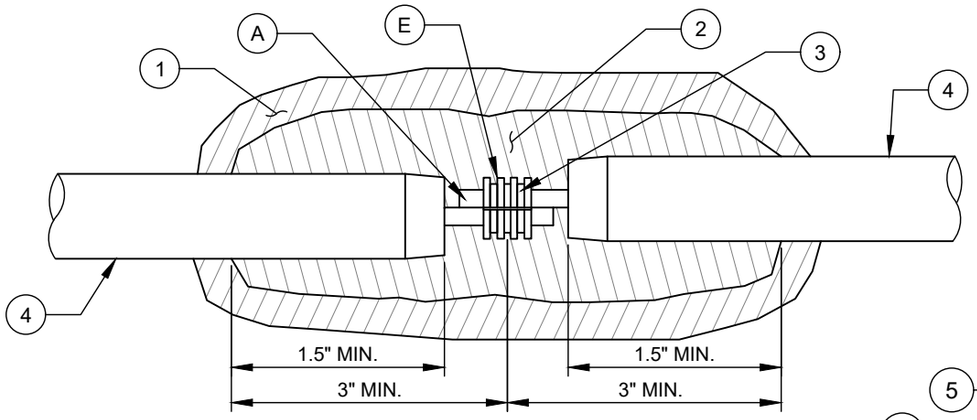
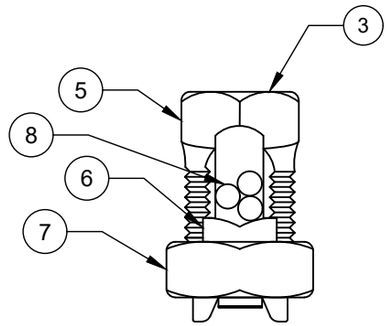
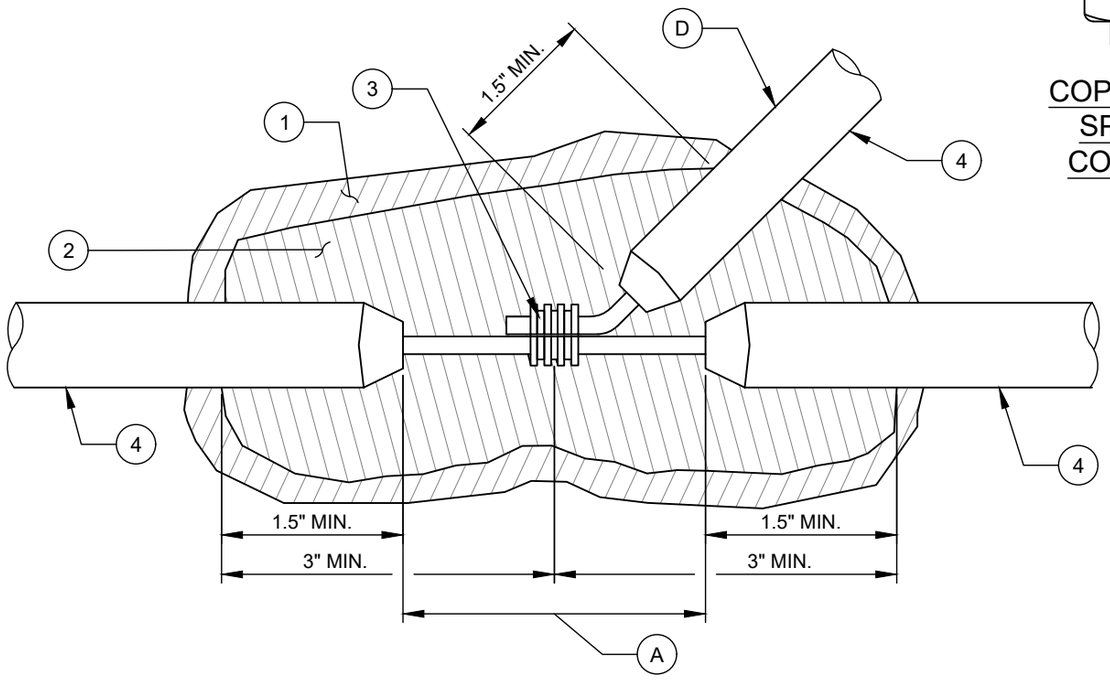


IN-LINE OR REPAIR SPLICE



COPPER ALLOY SPLIT BOLT CONNECTOR



BRANCH IN-LINE SPLICE FOR SERVICE LATERAL, WYE, OR CLEANOUT/AIR RELEASE

NO.	DESCRIPTION:
1.	3-LAYERS OF HALF LAPPED VINYL TAPE.
2.	3-LAYERS OF HALF LAPPED RUBBER TAPE.
3.	COPPER CRIMP CONNECTOR OR COPPER ALLOY SPLIT BOLT CONNECTOR.
4.	SOLID COPPER WITH 30 MILS GREEN HDPE INSULATION (AWG #12 TRACER WIRE).
5.	COPPER ALLOY SPLIT BOLT.
6.	COPPER ALLOY PRESSURE BAR.
7.	COPPER ALLOY HEX NUT.
8.	SOLID COPPER TRACER WIRES.

NOTES:

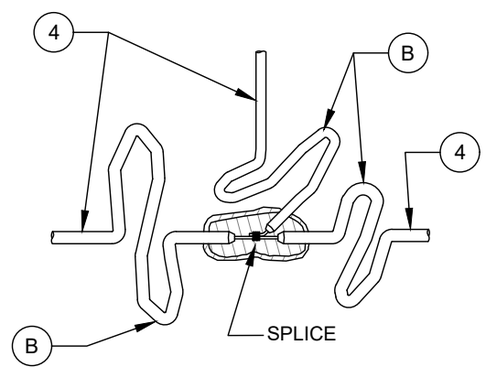
A. REMOVE MAINLINE (PRIMARY) TRACER WIRE INSULATION MATERIAL TO EXPOSE COPPER CORE WIRE.

B. IN LINE SPLICES SHALL BE LIMITED TO THE GREATEST EXTENT POSSIBLE. TRACER WIRE SHALL BE AS CONTINUOUS AS POSSIBLE WITHOUT SPLICES.

C. SPLICES SHALL INCLUDE 2' OF SLACK WIRE ON EACH SIDE OF EACH SPLICE (SEE DETAIL ON THIS SHEET).

D. 4-WAY WIRE SPLICES ARE ACCEPTABLE, WHERE NEEDED FOR 2 LATERALS CLOSELY SPACED, TO REDUCE THE NUMBER OF SPLICES.

E. THE CRIMPING TOOL USED TO COMPLETE THE CRIMP SHALL BE DESIGNED SPECIFICALLY FOR USE WITH THE CONNECTOR USED. GENERIC CRIMPING TOOLS ARE NOT ACCEPTABLE.



SPLICES WITH 2 FEET OF SLACK WIRE

CHARLOTTE WATER

CHARLOTTE WATER
A CITY OF CHARLOTTE DEPARTMENT
STANDARD DETAILS

LOW PRESSURE SEWER

TRACER WIRE - SPLICE

NO SCALE

VERSION 1.0

DATE 04/2024

DETAIL 12.9