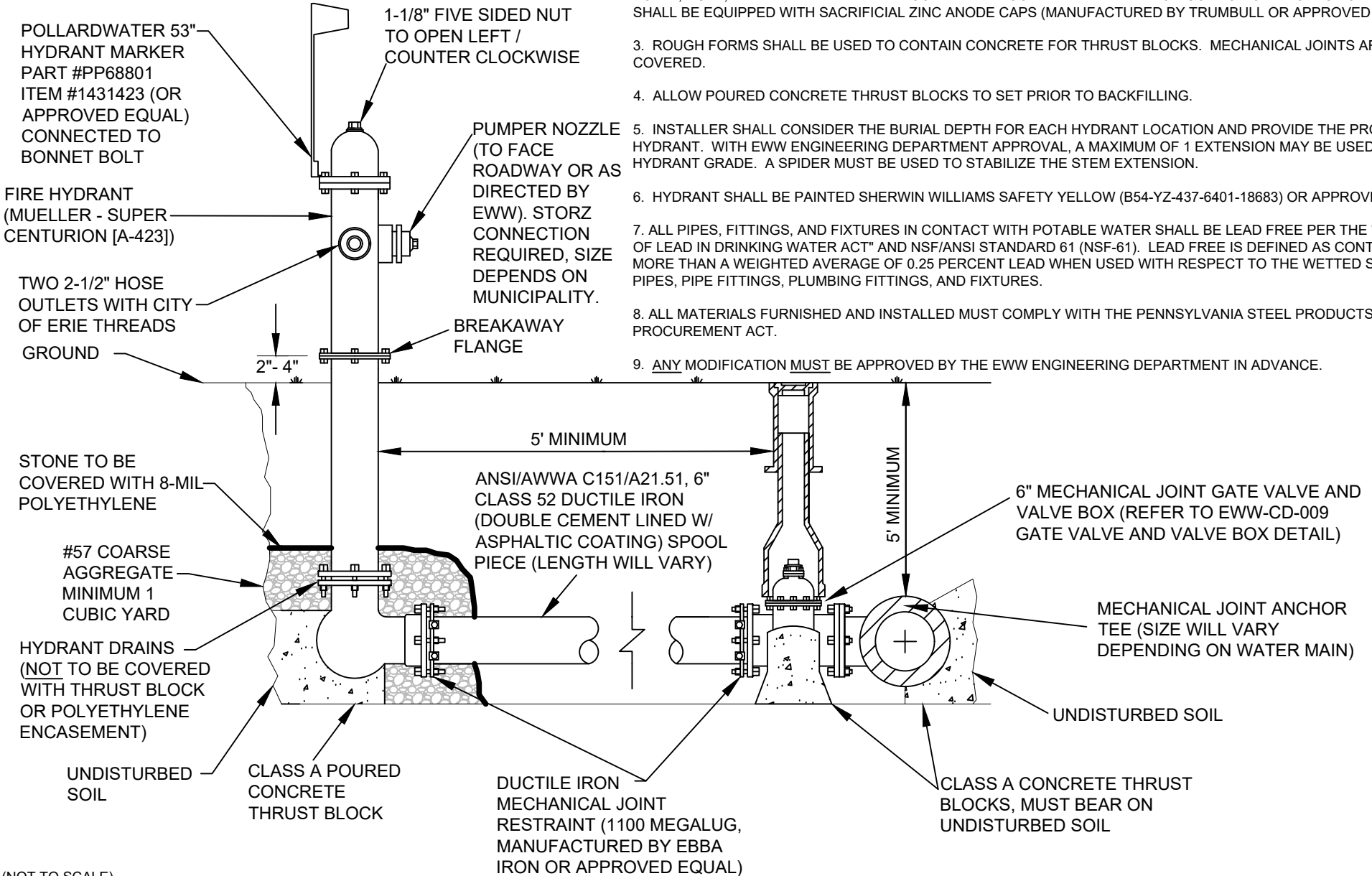


**STORZ CONNECTION SIZE BY MUNICIPALITY**

NO STORZ	CITY OF ERIE
4" STORZ	LAWRENCE PARK TOWNSHIP
5" STORZ	MILLCREEK TOWNSHIP, HARBORCREEK TOWNSHIP, SUMMIT TOWNSHIP, GREENE TOWNSHIP, MCKEAN BOROUGH, MCKEAN TOWNSHIP, WESLEYVILLE BOROUGH

**NOTES:**

1. ALL PIPE AND FITTINGS, INCLUDING THE BURIED PORTION OF THE HYDRANT MUST BE WRAPPED IN 8-MIL V-BIO POLYETHYLENE ENCASUREMENT. THE HYDRANT DRAINS SHALL NOT BE COVERED BY POLYETHYLENE ENCASUREMENT TO ENSURE PROPER DRAINAGE.
2. ALL BOLTS, NUTS, AND WASHERS PREASSEMBLED BY THE HYDRANT MANUFACTURER THAT ARE EXPOSED TO DIRECT BURY CONDITIONS SHALL BE STAINLESS STEEL. ALL BOLTS, NUTS, AND WASHERS USED TO JOIN THE HYDRANT TO PIPE OR FITTINGS THAT ARE EXPOSED TO DIRECT BURY CONDITIONS SHALL BE LOW ALLOY STEEL. AFTER ASSEMBLY ALL BOLTS, NUTS, AND WASHERS SHALL BE COMPLETELY COATED WITH SPRAY ON CORROSION PROTECTION AND BOLTS SHALL BE EQUIPPED WITH SACRIFICIAL ZINC ANODE CAPS (MANUFACTURED BY TRUMBULL OR APPROVED EQUAL).
3. ROUGH FORMS SHALL BE USED TO CONTAIN CONCRETE FOR THRUST BLOCKS. MECHANICAL JOINTS ARE NOT TO BE COVERED.
4. ALLOW POURED CONCRETE THRUST BLOCKS TO SET PRIOR TO BACKFILLING.
5. INSTALLER SHALL CONSIDER THE BURIAL DEPTH FOR EACH HYDRANT LOCATION AND PROVIDE THE PROPER SIZED HYDRANT. WITH EWW ENGINEERING DEPARTMENT APPROVAL, A MAXIMUM OF 1 EXTENSION MAY BE USED TO ADJUST HYDRANT GRADE. A SPIDER MUST BE USED TO STABILIZE THE STEM EXTENSION.
6. HYDRANT SHALL BE PAINTED SHERWIN WILLIAMS SAFETY YELLOW (B54-YZ-437-6401-18683) OR APPROVED EQUAL.
7. ALL PIPES, FITTINGS, AND FIXTURES IN CONTACT WITH POTABLE WATER SHALL BE LEAD FREE PER THE "REDUCTION OF LEAD IN DRINKING WATER ACT" AND NSF/ANSI STANDARD 61 (NSF-61). LEAD FREE IS DEFINED AS CONTAINING NOT MORE THAN A WEIGHTED AVERAGE OF 0.25 PERCENT LEAD WHEN USED WITH RESPECT TO THE WETTED SURFACES OF PIPES, PIPE FITTINGS, PLUMBING FITTINGS, AND FIXTURES.
8. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
9. ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE.



(NOT TO SCALE)

DRAWN BY: HB	APPROVED BY: CE
DATE: JAN 2025	EWW - CD - 007

**FIRE HYDRANT ASSEMBLY**

**ERIE WATER WORKS**  
 240 West 12th Street  
 Erie, PA 16501  
[engineering@eriewaterworks.org](mailto:engineering@eriewaterworks.org)

