NOTES: STORZ CONNECTION SIZE BY MUNICIPALITY CITY OF ERIE NO STORZ 1. ALL PIPE AND FITTINGS, INCLUDING THE BURIED PORTION OF THE HYDRANT MUST BE WRAPPED IN 8-MIL V-BIO POLYETHYLENE ENCASEMENT. THE HYDRANT DRAINS SHALL NOT BE COVERED BY POLYETHYLENE ENCASEMENT TO 4" STORZ LAWRENCE PARK TOWNSHIP ENSURE PROPER DRAINAGE. MILLCREEK TOWNSHIP, HARBORCREEK TOWNSHIP. 2. ALL BOLTS, NUTS, AND WASHERS PREASSEMBLED BY THE HYDRANT MANUFACTURER THAT ARE EXPOSED TO DIRECT 5" STORZ SUMMIT TOWNSHIP, GREENE TOWNSHIP, MCKEAN BOROUGH. 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 MCKEAN TOWNSHIP, WESLEYVILLE BOROUGH 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). 1-1/8" FIVE SIDED NUT POLLARDWATER 53"-TO OPEN LEFT / 3. ROUGH FORMS SHALL BE USED TO CONTAIN CONCRETE FOR THRUST BLOCKS. MECHANICAL JOINTS ARE NOT TO BE HYDRANT MARKER COUNTER CLOCKWISE COVERED. PART #PP68801 ITEM #1431423 (OR 4. ALLOW POURED CONCRETE THRUST BLOCKS TO SET PRIOR TO BACKFILLING. APPROVED EQUAL) PUMPER NOZZLE 5. INSTALLER SHALL CONSIDER THE BURIAL DEPTH FOR EACH HYDRANT LOCATION AND PROVIDE THE PROPER SIZED. CONNECTED TO HYDRANT. WITH EWW ENGINEERING DEPARTMENT APPROVAL, A MAXIMUM OF 1 EXTENSION MAY BE USED TO ADJUST (TO FACE **BONNET BOLT** HYDRANT GRADE. A SPIDER MUST BE USED TO STABILIZE THE STEM EXTENSION. **ROADWAY OR AS DIRECTED BY** FIRE HYDRANT 6. HYDRANT SHALL BE PAINTED SHERWIN WILLIAMS SAFETY YELLOW (B54-YZ-437-6401-18683) OR APPROVED EQUAL. EWW). STORZ (MUELLER - SUPER 7. ALL PIPES, FITTINGS, AND FIXTURES IN CONTACT WITH POTABLE WATER SHALL BE LEAD FREE PER THE "REDUCTION CONNECTION CENTURION [A-423]) (0)OF LEAD IN DRINKING WATER ACT" AND NSF/ANSI STANDARD 61 (NSF-61). LEAD FREE IS DEFINED AS CONTAINING NOT REQUIRED. SIZE MORE THAN A WEIGHTED AVERAGE OF 0.25 PERCENT LEAD WHEN USED WITH RESPECT TO THE WETTED SURFACES OF **DEPENDS ON** PIPES, PIPE FITTINGS, PLUMBING FITTINGS, AND FIXTURES. TWO 2-1/2" HOSE MUNICIPALITY. **OUTLETS WITH CITY** 8. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS **BREAKAWAY** OF ERIE THREADS PROCUREMENT ACT. **FLANGE** GROUND -2"- 4" 9. ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE. 5' MINIMUM MINIMOM STONE TO BE ANSI/AWWA C151/A21.51. 6" COVERED WITH 8-MIL-6" MECHANICAL JOINT GATE VALVE AND **CLASS 52 DUCTILE IRON** POLYETHYLENE VALVE BOX (REFER TO EWW-CD-009 (DOUBLE CEMENT LINED W/ GATE VALVE AND VALVE BOX DETAIL) ASPHALTIC COATING) SPOOL #57 COARSE PIECE (LENGTH WILL VARY) Ш **AGGREGATE** MINIMUM 1 MECHANICAL JOINT ANCHOR **CUBIC YARD** TEE (SIZE WILL VARY HYDRANT DRAINS DEPENDING ON WATER MAIN) (NOT TO BE COVERED WITH THRUST BLOCK OR POLYETHYLENE UNDISTURBED SOIL **ENCASEMENT)** CLASS A POURED **UNDISTURBED DUCTILE IRON** CLASS A CONCRETE THRUST CONCRETE SOIL **MECHANICAL JOINT** BLOCKS, MUST BEAR ON THRUST BLOCK RESTRAINT (1100 MEGALUG, **UNDISTURBED SOIL** MANUFACTURED BY EBBA IRON OR APPROVED EQUAL) (NOT TO SCALE) ERIE WATER WORKS DRAWN BY: HB APPROVED BY: CE FIRE HYDRANT ASSEMBLY 240 West 12th Street Erie, PA 16501 engineeringservices@eriewaterworks.or DATE: JAN 2025 EWW - CD - 007

WATER WORKS