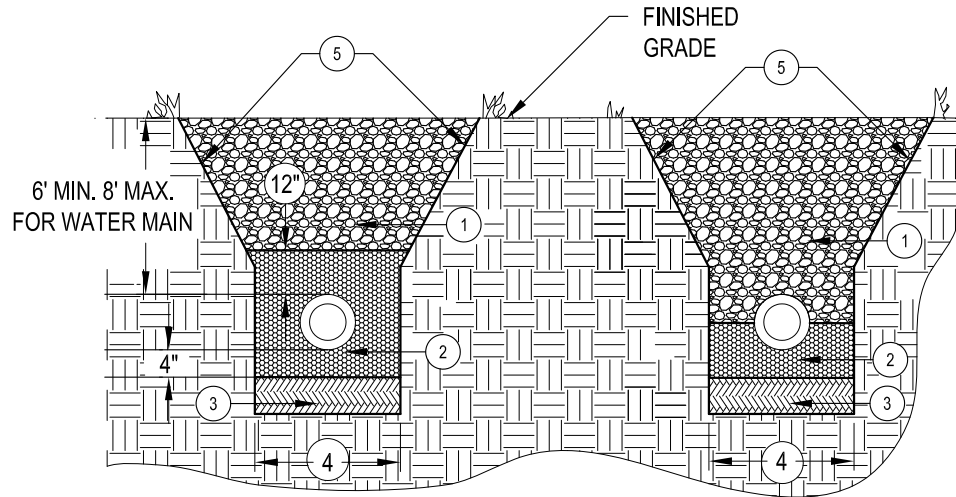


**LEGEND:**

- 1 TRENCH BACKFILL TO SUBGRADE AND WITHIN 2 FEET OF PROPOSED PAVEMENT, DRIVEWAY, CURB AND GUTTER OR SIDEWALK. TRENCH BACKFILL MATERIALS SHALL BE IDOT APPROVED GRADATION CA-6, GRADE 7, 8, OR 9 COMPACTED TO 90% OF MODIFIED PROCTOR DENSITY. IN NON-STRUCTURAL AREAS BACKFILL WITH APPROVED EXCAVATED MATERIALS.
- 2 PIPE BEDDING SHALL BE WASHED MATERIAL IDOT GRADATION CA-7 OR CA-11 FROM 4 INCHES BELOW BOTTOM OF PIPE TO HEIGHT SHOWN ON EACH SECTION
- 3 UNSUITABLE MATERIAL TO BE REMOVED WHERE DIRECTED BY THE ENGINEER AND REPLACED WITH COMPACTED SUITABLE MATERIAL.
- 4 TRENCH WIDTH:  
PIPE O.D. + 12 INCHES MINIMUM  
PIPE I.D. + 18 INCHES MAXIMUM
- 5 CONTRACTORS SHALL COMPLY WITH ALL CURRENT OSHA STANDARDS.



**SECTION A:**

WATER MAIN / FORCE MAIN  
(DIP)(PVC) (HDPE)\*\*  
  
SANITARY SEWER MAIN  
& SERVICES (DIP)(PVC)  
  
STORM SEWER (PVC)

**SECTION B:**

STORM SEWER (RCP)

\* NOTE: ALL DUCTILE IRON SHALL BE WRAPPED WITH APPROVED POLYETHYLENE PIPE WRAP

\*\* NOTE: PVC WATERMAIN ONLY ALLOWED FOR REPAIRS TO EXISTING PVC WATERMAIN

Revised:
1. 06/12/2015
2. 02/04/2021 KL CA-7 WASHED STONE
3. 07/14/2023 JRG PVC ALLOWED ONLY AS STATED
4. 03/14/2024 JRG UPDATED CROSS SECTIONS

Drawing Name
<b>TYPICAL TRENCH CROSS SECTION</b>

Drawing Number
<b>UG-03</b>
Date: 05/29/2015
Drawn      Checked
JH              AW



City of  
**Crystal Lake**  
I l l i n o i s