LEGEND:

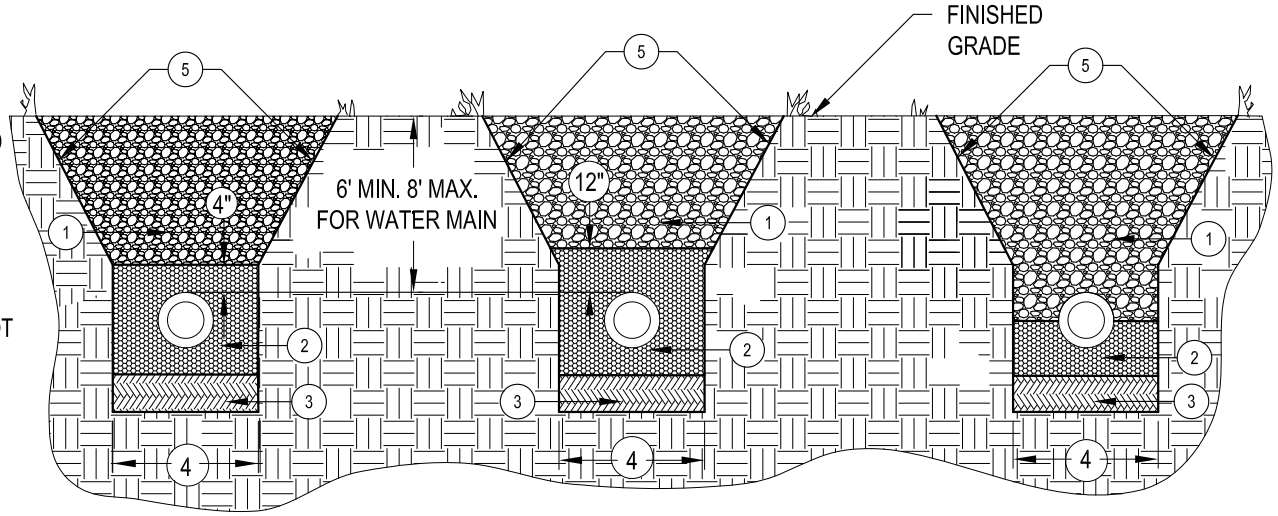
1. TRENCH BACKFILL TO SUBGRADE AND WITHIN 2 FEET OF PROPOSED PAVEMENT, DRIVEWAY, CURB AND GUTTER OR SIDEWALK. TRENCH BACKFILL MATERIALS SHALL BE IDOT APPROVED GRADATION CA-6, GRADE 7, 8, OR 9 COMPACTED TO 90% OF MODIFIED PROCTOR DENSITY. IN NON-STRUCTURAL AREAS BACKFILL WITH APPROVED EXCAVATED MATERIALS.

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 DIP

FORCE MAIN DIP

SANITARY SEWER MAIN & SERVICES DIP

SECTION B:

SANITARY SEWER MAIN & SERVICES (PVC)

STORM SEWER (PVC)

WATER MAIN, C909 FORCE MAIN ** (PVC) (HDPE)

SECTION C:

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.

Drawing Name

TYPICAL TRENCH CROSS SECTION

Drawing Number

UG-03

Date: 05/29/2015

Drawn	Checked
JH	AW

City of Crystal Lake Illinois