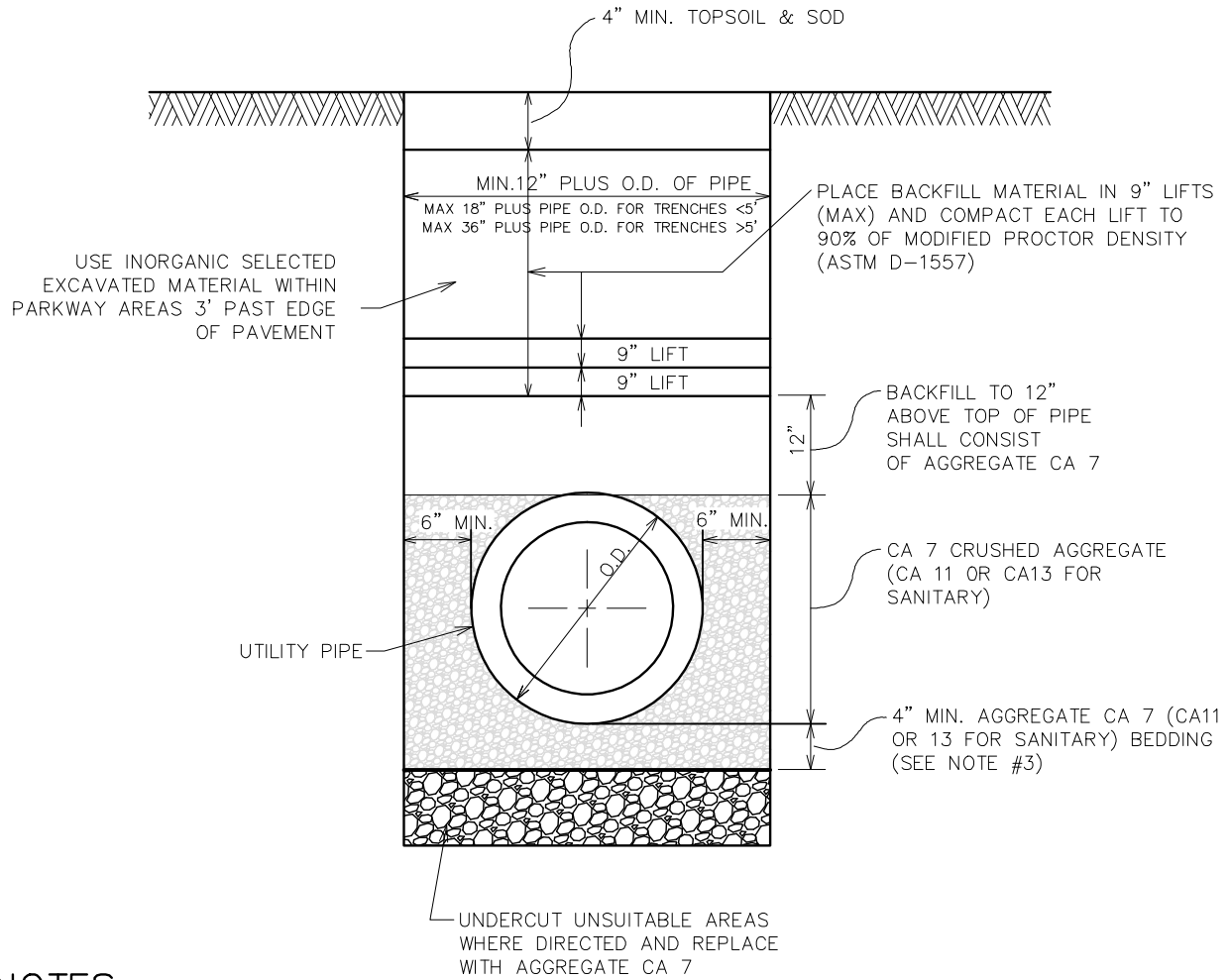


NOT TO SCALE

PIPE COUPLING

Village of Wilmette
Engineering Department
847.853.7660

REVISED: 01-09-08



NOTES:

1. ALL BACKFILL MATERIALS SHALL BE PROPERLY COMPACTED (INUNDATION OR WATER JETTING NOT ALLOWED)
2. ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
3. BEDDING MATERIAL FOR PVC PIPE INSTALLATION SHALL COMPLY WITH ASTM D-2321.

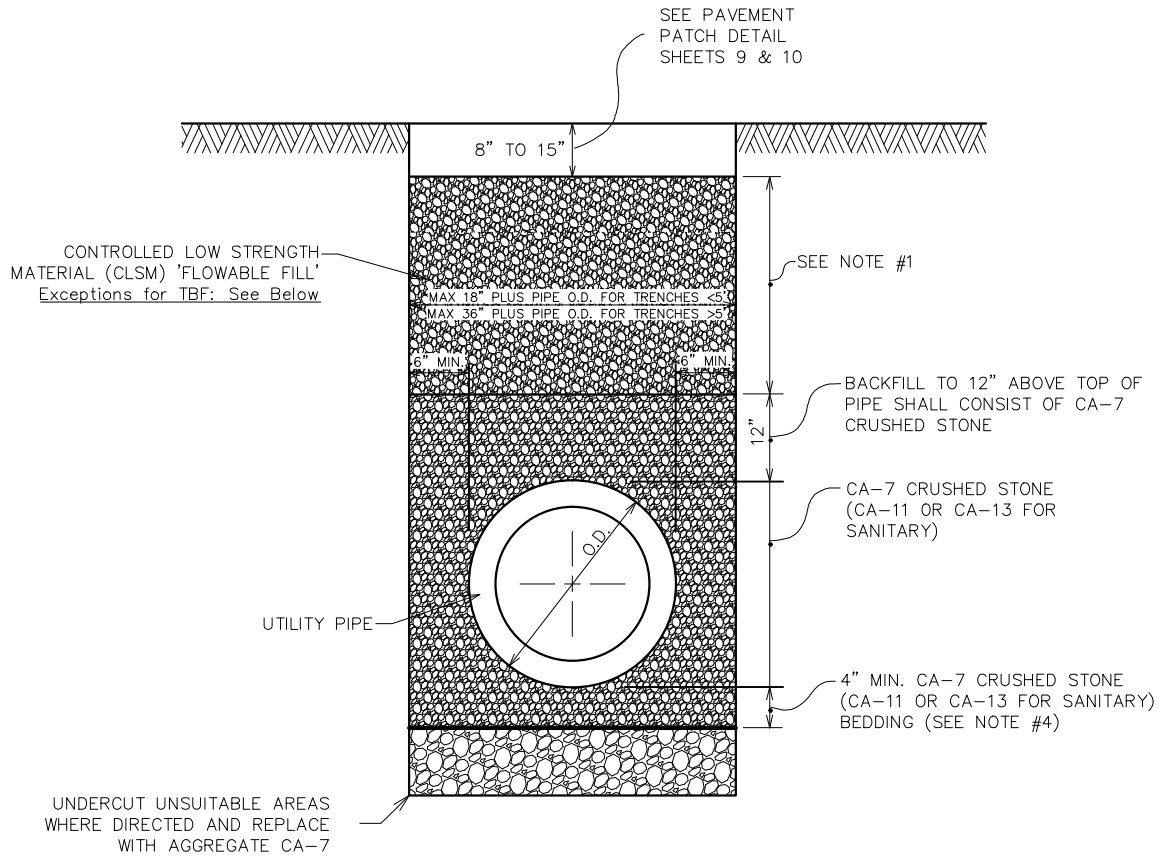
NOT TO SCALE

**UTILITY TRENCH IN
 NON-PAVED AREAS**

Village of Wilmette
 Engineering Department
 847.853.7660

REVISED: 02-12-10

(REVISED DETAIL) 30



NOTES:

1. TRENCH BACKFILL UNDER A PAVED SURFACE OR WITHIN THE ZONE OF INFLUENCE (3' FROM EDGE OF PAVEMENT) SHALL CONSIST OF:
 - a. UNDER PAVEMENT:
CONTROLLED LOW STRENGTH MATERIAL (CLSM) MIX 1
2. ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
3. BEDDING MATERIAL FOR PVC PIPE INSTALLATION SHALL COMPLY WITH ASTM D-2321.
4. IF APPROVED BY VILLAGE ENGINEERING, A ONE (1) INCH THICK STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY CONTRACTOR UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND PROVIDED WITH BITUMINOUS RAMPS IF REQUIRED BY VILLAGE ENGINEER.
5. PRIOR TO PLACEMENT OF PAVEMENT MATERIALS, THE EXISTING EXPOSED EDGES SHALL BE SAWCUT TO PROVIDE A SMOOTH CLEAN EDGE, FREE OF LOOSE MATERIAL.
6. THE PLACEMENT OF PAVEMENTS SHALL NOT BE ALLOWED WITHOUT PRIOR INSPECTION BY VILLAGE ENGINEER.

Exceptions:

Flowable fill shall not be permitted:

- Within three feet either side of a watermain
- Within three feet either side of water service
- Outside the roadway

Approved backfill within this area shall be CA-11 and CA-6. CA-11 shall be used for pipe bedding and must also be placed and compacted one foot above the new pipe. The remainder of the trench shall use properly compacted CA-6 granular material or such other material as may be required by the Engineer.

Questions regarding this change can be directed to the Engineering Department at 847-853-7660.

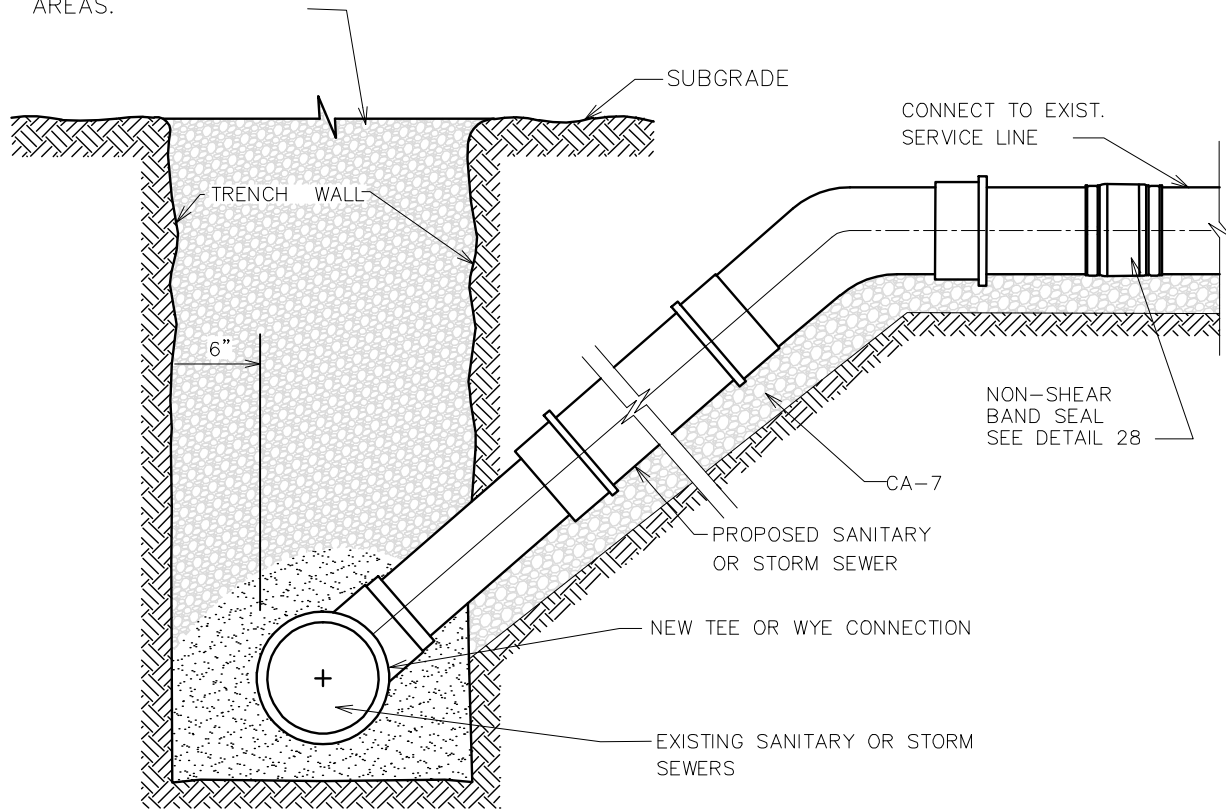
NOT TO SCALE

UTILITY TRENCH IN PAVEMENT AREAS

Village of Wilmette
Engineering Department
847.853.7660

REVISED: 11/20/13

CA-7 CRUSHED AGGREGATE BACKFILL MATERIAL UNDER NEW PAVEMENT OR WITHIN THE ZONE OF INFLUENCE. USE EXCAVATED MATERIAL IN ALL OTHER AREAS.



NOTES:

1. FOR PROPOSED STORM SEWER SERVICE, REMOVE A SECTION OF PIPE AND INSTALL A TEE OR WYE CONNECTION.
2. BREAK-IN CONNECTIONS ARE NOT PERMITTED.
3. FOR TRENCHES WITHIN AN EXISTING PAVED SURFACE AREA, USE CA-7 CRUSHED AGGREGATE.
4. ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.

NOT TO SCALE

SANITARY AND STORM SERVICE CONNECTION

Village of Wilmette
Engineering Department
847.853.7660

REVISED: 02-12-10