

DUCTILE IRON PIPE SHALL BE REQUIRED WHEN THE BOTTOM OF THE STORM SEWER IS WITHIN IR OF THE TOP OF THE SANITARY SEWER. UNDER NO CIRCUMSTANCES SHALL THE STORM. SEWER BE SUPPORTED BY THE SANITARY LINE.

Vertical Seperation

DeKalb Sanitary District

DETAIL No. 7

DETAIL No. II

Sanitary Sewer at Storm Sewer Crossing Detail

PROPOSED SEWER (OR WATER) IS LOCATED TO FEET OR MORE FROM EXISTING WATER (OR SEWER). PLAN VIEW $\begin{array}{c} \underline{\text{PROPOSED}} \ \ \underline{\text{SEWER}} \ \ \text{OR} \ \ \text{WATER} \ \text{IS} \ \ \text{LO}\underline{\text{CATED}} \ \ \underline{\text{LESS}} \ \ \underline{\text{THA}} \text{N} \ \ \text{IO} \ \ \text{FEET} \ \ \text{FROM} \\ \underline{\text{EXISTING}} \ \ \text{WATER} \ \ \text{OR} \ \ \text{SEWER}. \end{array}$ WATERLINE EXISTING OR PROPOSED -UNDISTURBED EARTH Horizontal Seperation DeKalb Sanitary District

Horizontal Water and Sewer 303 Hollister Avenue - DeKalb, Hinois 60115 815,758,3319 Fax: 815,758,6615 Separation Requirement - Detail

PROVIDE CLEANOUT — 2' TO 5' FROM EDGE OF THE BUILDING PROP. SANITARY SERVICE SEWER-(SIZE AND TYPE AS PER PLAN)

DeKalb Sanitary District

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DETAIL No. 8

ALL PIPE SHALL CONFORM TO LOCAL EQUIREMENTS FOR PIPE MATERIALS AND INSTALLATION, SUITEBLE "NO-SHEAR" ADAPTER COUPLING (FERNCO OR APPROVED EQUIAL) SHALL BE USED WHEN CONNECTION TO DISSIMILAR PIPE MATERIAL OR SIZES.

PROPOSED WATER MAIN ABOVE PROPOSED SEWER LINE WITH 18" MINIMUM SEPARATION.

Vertical Seperation

Water and Sewer Separation

Requirement - Detail

WITH AN "S' STAMPED ON THE CURE FACE

- PROPOSED SANITARY SEWER SERVICE

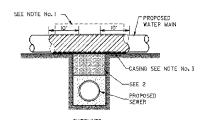
NOTE: CLASS IV MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY

DeKalb Sanitary District 303 Hollister Avenue - DcKalb, Illinois 80115 815.758.3313 Fax: 815.758.6615 DETAIL No. 12

Sanitary Sewer Service Detail

PROPOSED WATER MAIN ABOVE PROPOSED SEWER LINE WITH LESS THAN IS NINIMUM SEPARATION.

95% OF STANDARD PROCTOR MAXIMUM DENSITY.



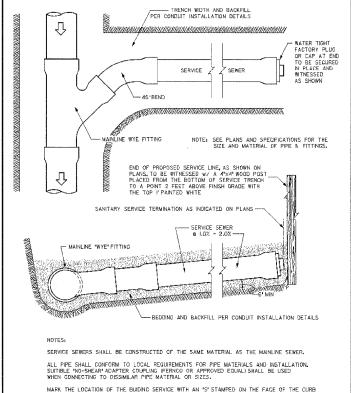
- OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE UDFOOT OVER THE TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL CLASS WY AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
- IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
- 3. USE A CASING FOR PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
- POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER NAIN CASING AND SEWER.

Vertical Separation

DeKalb Sanitary District

DETAIL No. 9

Water and Sewer Separation Requirement - Detail



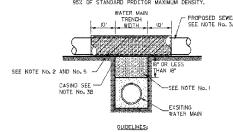
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Sanitary Sewer Service Lateral Detail

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH LESS THAN 18" MINIMUM SEPARATION. EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH IS MINIMUM SEPARATION

NOTE: CLASS IV MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.



- IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
- EXCAVATED MATERIAL (CLASS IV) AND COMPACT,

 OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE

 OF FOOT OVER THE TOP OF PIPE AND USE SELECT EXCAVATED

 MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE

 OF WATER MAIN.

 A PROPOSED SEWER CONSTRUCTED OF WATER MAIN MATERIAL (ACROSS

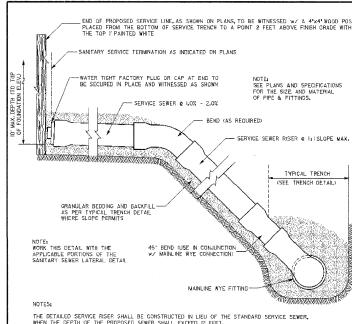
 WATER MAIN TRENCH FLUS 10 FT, EACH SIDE) AND PRESSURE TEST, OR;
- BI PROVIDE CASING FOR PROPOSED SEWER, TO EXTEND ID FT. EACH SIDE OF WATER MAIN TRENCH AND SEAL ENDS OF CASING.
- POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
- PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

Vertical Seperation

DeKalb Sanitary District

DETAIL No. 10

Water and Sewer Separation Requirement - Detail



THE DETAILED SERVICE RISER SHALL BE CONSTRUCTED IN LIEU OF THE STANDARD SERVICE SEWER, WHEN THE DEPTH OF THE PROPOSED SEWER SHALL EXCEED 12 FEET.

WHEN PLACED AT A SLOPE UNABLE TO SECURE THE REQUIRED BEDDING, THE RISER SHALL BE PLACED ON UNDISTURBED EARTH, SHAPED TO PROVIDE UNIFORM BEARING FOR $\, rac{1}{4} \,$ OF THE PIPE BARREL CIRCUMFERENCE. SERVICE RISERS AND ALL ASSOCIATED FITTINGS SHALL BE CONSTRUCTED OF THE SAME MATERIAL AS THE MAINLINE SEWER, UNLESS GIBERWISE SPECFED.

ALL PIPE SHALL CONFORM TO LOCAL REQUIREMENTS FOR PIPE MATERIALS AND INSTALLATION. SUTHELE "NO-SHEAR" ADAPTER COUPLING HERMICO OR APPROVED EQUAL) SHALL BE USED WHEN CONNECTING TO DISSUALLA PIPE MATERIAL OR SIZE.

MARK THE LOCATION OF THE BUILDING SERVICE WITH AN 'S' STAMPED ON THE FACE OF THE CURB

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Sanitary Sewer Service Riser Detail

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Issue Date:

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NOTES:

Standard Sanitary Sewer Construction Details