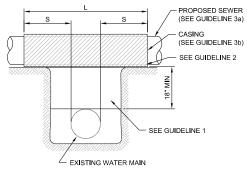


A - WATER AND SEWER **SEPARATION REQUIREMENTS** N.T.S.



GUIDELINES

 I. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF SEWER TRENCH & REPLACE WITH SELECT EXCAVATED MAT'L (CLASS IV) & COMPACT.

2. OMIT SELECT GRANULAR EMBEDMENT & GRANULAR BACKFILL TO (1) FOOT OVER TOP OF SEWER & USE SELECT EXCAVATED MAT'L (CLASS IV) & COMPACT THE LENGTH OF "L" FEET.

3. a. CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MAT'L AND PRESSURE TEST, (OR);

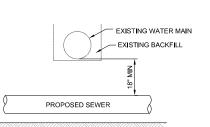
b. USE "L" FEET OF WATER MAIN MAT'L FOR CASING OF PROPOSED SEWER & SEAL ENDS OF CASING

NOTE: "S" IS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPEND. TO THE EXISTING WATER MAIN

(VERTICAL SEPARATION)

B - WATER AND SEWER SEPARATION REQUIREMENTS

WATER & SEWER SEPARATION REQUIREMENTS N.T.S.

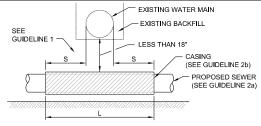


GUIDELINES

1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE
DUE TO SETTLEMENT OF SEWER TRENCH.

(VERTICAL SEPARATION)

C - WATER AND SEWER **SEPARATION REQUIREMENTS** N.T.S.



GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT & GRANULAR WITHIN BACKFILL TO (1) FOOT OVER TOP OF SEWER & USE SELECT EXCAVATED MAT'L (CLASS IV) & COMPACT FOR "S" FT. ON EA. SIDE OF WATER MAIN

2. a. CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MAT'L & PRESSURE TEST, (OR);

b. USE "L" FEET OF WATER MAIN MAT'L FOR CASING OF PROPOSED SEWER & SEAL ENDS OF CASING

3. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

NOTE: "S" IS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPEND. TO THE EXISTING WATER MAIN

(VERTICAL SEPARATION)

D - WATER AND SEWER SEPARATION REQUIREMENTS

	KLINGNER
1	& ASSOCIATES, P.C.
	Engineers • Architects • Surveyors

	USER NAME = seb	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -
s	PLOT DATE = 8/23/2014	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS DETAILS – SITE DETAILS MISSOURI AVENUE DEEP WELL FACILITY								
SCALE:	NONE	SHEET	2	OF	3	SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE	
64	82-4T-1		ST. CLAIR	185	58
			CONTRACT	NO. 7	6G9
	TILL THOSE FE		D DDO IECT		