



ALL SANITARY LATERAL STREET CROSSINGS, IF TRENCHED, SHALL BE BACKFILLED WITH GRANULAR MATERIAL (AGGREGATE).  
 IF THE STORM AND SANITARY SEWERS ARE PARALLEL AND IN THE SAME TRENCH OR OVERS, THE UPPER SHALL BE PLACED ON A SHELF AND THE LOWER SHALL BE BEDDED IN COMPACTED GRANULAR FILL TO THE FLOW LINE OF THE UPPER.  
 STORM SEWERS WHICH CROSS OVER EXISTING OR PROPOSED SANITARY SEWER TRENCHES SHALL BE GRADED IN CONCRETE (OR ENCASED A.D.P.E.) THROUGH THE FULL WIDTH OF THE SANITARY SEWER TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED GRANULAR FILL TO THE BOTTOM OF THE CONCRETE CRADLE.  
 ALL H.D.P.E. SHALL BE 105 N-12WT

**SCALES:**  
 HORIZONTAL : 1" = 50'  
 VERTICAL : 1" = 10'

CONTINUED ON NEXT SHEET

NO.	DATE	REV. PER CLIENT	REV. PER CITY COMMENTS
1	6/14/05		REV. PER CITY COMMENTS 7/26/05
2	8/11/05		REV. PER CITY COMMENTS 9/12/05
3	9/19/05		REV. PER CITY COMMENTS 9/12/05

**ENGINEERS AUTHENTICATION**  
 The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in the project and specifically excludes revisions after this date unless reauthenticated.

**PICKETT RAY & SILVER, INC.**  
 MISSOURI PROFESSIONAL ENGINEERS  
 NUMBER E-23345

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CHECKED	DWD	DATE	FEB, 2005
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BOOK	847		