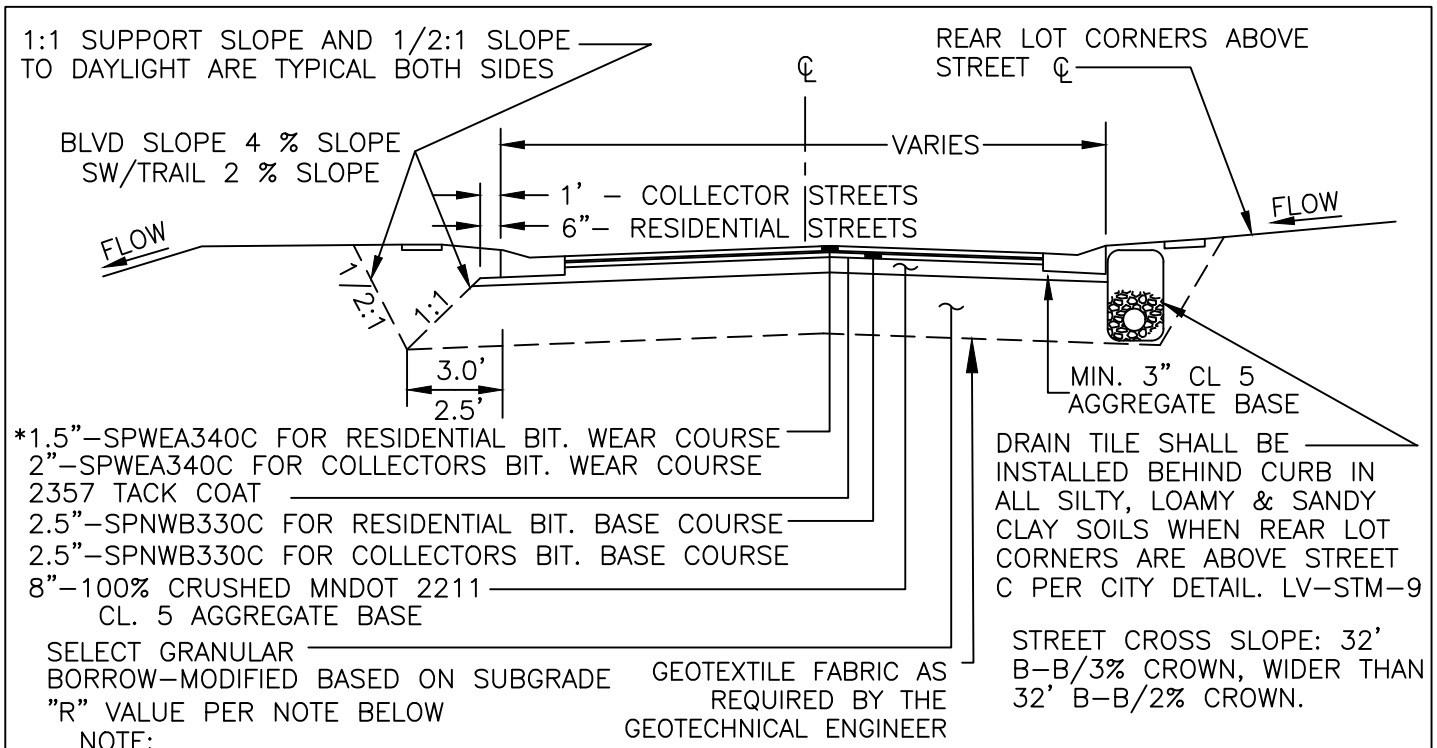

NOTE:

THE R VALUE SHALL BE DETERMINED FOR THE PUBLIC STREETS IN ACCORDANCE TO THE HVEEM STABILOMETER METHOD. LOCAL RESIDENTIAL STREET DESIGNS MUST MEET THE FOLLOWING MINIMUM REQUIREMENTS.

1. LOCAL RESIDENTIAL STREETS TO BE CONSTRUCTED ON SOILS HAVING AN R VALUE GREATER THAN 70 MAY USE THE PAVEMENT SECTION INDICATED.

2. LOCAL RESIDENTIAL STREETS TO BE CONSTRUCTED ON SOILS WITH AN R VALUE BETWEEN 31 AND 70 WILL REQUIRE A FLEXIBLE PAVEMENT DESIGN TO BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW.

3. LOCAL RESIDENTIAL STREETS TO BE CONSTRUCTED ON SOILS WITH AN R VALUE BETWEEN 16 AND 31 MUST INCLUDE A MINIMUM OF A 2 FOOT SAND SUBCUT BELOW PROPOSED STREET SUBGRADE. THE SAND SUBCUT MUST BE BACKFILLED WITH SELECT GRANULAR BORROW, AS MODIFIED BY THE CITY OF LAKEVILLE STANDARD SPECIFICATIONS, AND PROPERLY DRAINED USING DRAINTILE AND DRAINTILE CROSSING CONFORMING TO THE CITY OF LAKEVILLE STANDARD SPECIFICATIONS. THE STREET DESIGN IS SUBJECT TO REVIEW BY THE CITY ENGINEER. THE CITY ENGINEER, AT HIS DISCRETION, MAY APPROVE AN ALTERNATE FLEXIBLE PAVEMENT DESIGN FOR THE STREET.

4. LOCAL RESIDENTIAL STREETS TO BE CONSTRUCTED ON SOILS WITH AN R VALUE LESS THAN 16 MUST INCLUDE A MINIMUM OF A 3 FOOT SAND SUBCUT BELOW THE PROPOSED STREET SUBGRADE. THE SAND SUBCUT MUST BE BACKFILLED WITH SELECT GRANULAR BORROW, AS MODIFIED BY THE CITY OF LAKEVILLE STANDARD SPECIFICATIONS, AND PROPERLY DRAINED USING DRAINTILE AND DRAINTILE CROSSING CONFORMING TO THE CITY OF LAKEVILLE STANDARD SPECIFICATIONS. THE STREET DESIGN IS SUBJECT TO REVIEW BY THE CITY ENGINEER. THE CITY ENGINEER, AT HIS DISCRETION, MAY APPROVE AN ALTERNATE FLEXIBLE PAVEMENT DESIGN FOR THE STREET.

THE FLEXIBLE PAVEMENT DESIGN OF MINOR COLLECTORS AND ABOVE WILL VARY DEPENDING ON BOTH SOIL CONDITIONS, AND THE ANTICIPATED TRAFFIC VOLUMES.

*FINAL BITUMINOUS WEAR COURSE SHALL BE DELAYED ONE YEAR FROM PLACEMENT OF BITUMINOUS BASE COURSE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

Lakeville	TYPICAL RESIDENTIAL STREET SECTION	PLATE NO. LV–ST–8 DATE 02/2024