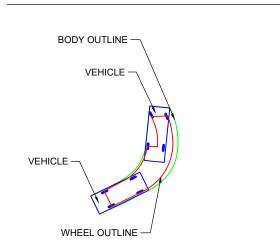


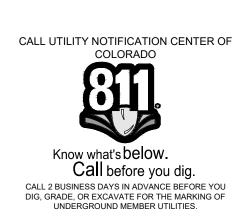
## SWEPT PATH ANALYSIS LEGEND:

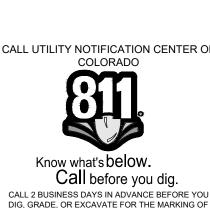


## NOTES:

- 1. THE SWEPT PATH ANALYSIS USES THE ASSHTO 2011 "PASSENGER CAR". FOR MORE INFORMATION ON THE DESIGN VEHICLE STANDARDS, PLEASE REFERENCE THE STEAMBOAT SPRINGS ENGINEERING STANDARDS, SECTION 4.3.1.
- 3. 'SWEPT PATH ANALYSIS' (SPA): THE CALCULATION AND ANALYSIS OF THE MOVEMENT AND PATH OF DIFFERENT PARTS OF A VEHICLE WHEN THAT VEHICLE IS UNDERTAKING A TURNING MANEUVER. THIS INCLUDES CALCULATING THE PATH TAKEN BY EACH WHEEL DURING A TURN AS WELL AS THE SPACE NEEDED BY THE VEHICLE BODY.
- THERE ARE PRACTICAL LIMITATIONS TO THIS ANALYSIS INCLUDING: DRIVER ABILITIES, ENVIRONMENTAL CONDITIONS, VARIABLE PARKING SPACE USAGE AND EFFICIENCIES, SPEED, AND VEHICLE CHARACTERISTICS. THIS IS AN INDUSTRY STANDARD EXERCISE THAT APPLIES VEHICLE GEOMETRIES ALONG WITH EMPIRICAL DATA TO REPLICATE A PARTICULAR CLASS OF VEHICLES (DESIGN VEHICLE). 4. THIS DRAWING SHALL NOT TO BE USED FOR CONSTRUCTION OR CONTRACTING PURPOSES.







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