







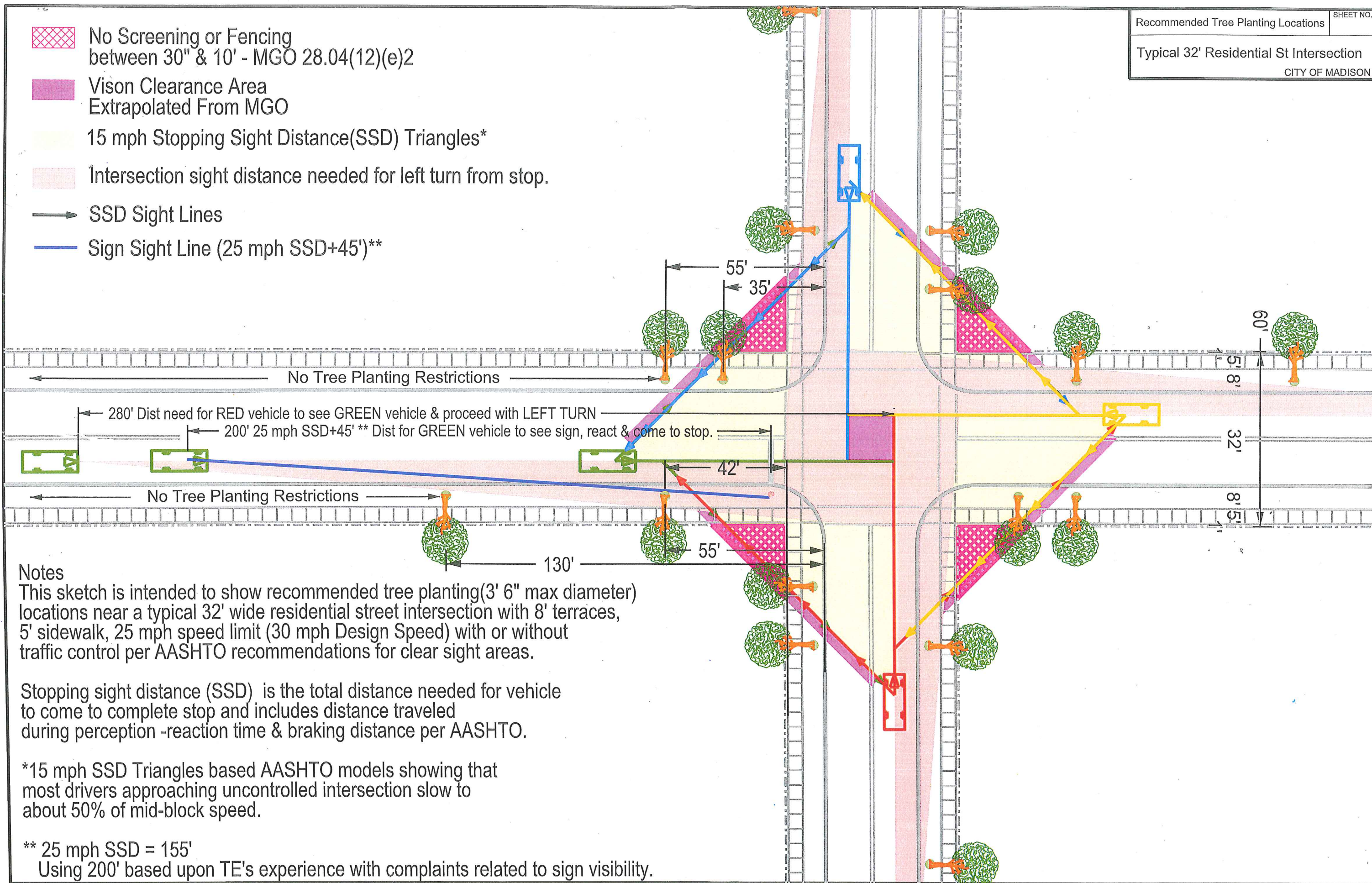
-  No Screening or Fencing between 30" & 10' - MGO 28.04(12)(e)2
-  Vision Clearance Area Extrapolated From MGO
-  15 mph Stopping Sight Distance(SSD) Triangles*
-  Intersection sight distance needed for left turn from stop.
-  SSD Sight Lines
-  Sign Sight Line (25 mph SSD+45')**

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Notes
 This sketch is intended to show recommended tree planting (3' 6" max diameter) locations near a typical 32' wide residential street intersection with 8' terraces, 5' sidewalk, 25 mph speed limit (30 mph Design Speed) with or without traffic control per AASHTO recommendations for clear sight areas.

Stopping sight distance (SSD) is the total distance needed for vehicle to come to complete stop and includes distance traveled during perception -reaction time & braking distance per AASHTO.

*15 mph SSD Triangles based AASHTO models showing that most drivers approaching uncontrolled intersection slow to about 50% of mid-block speed.

** 25 mph SSD = 155'
 Using 200' based upon TE's experience with complaints related to sign visibility.