

SSD & ISD CALCULATIONS
PROVIDED ON SHEETS 2 & 3 RESPECTIVELY


- NOTES:
1. THIS PLAN IS FOR REVIEW PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION.
 2. BASE PLAN INFORMATION OBTAINED FROM CONNORSTONE ENGINEERING.
 3. NO OBJECTS SHALL BE PLACED WITHIN THE SIGHT TRIANGLE AREAS THAT WOULD EXCEED 3.5 FEET IN HEIGHT.
 4. SNOW ACCUMULATIONS (WINDROWS) THAT EXCEED 2.5 FEET IN HEIGHT WILL BE PROMPTLY REMOVED.

FIGURE 8
MEMORIAL DRIVE AT THE PROJECT SITE DRIVEWAYS
SIGHT TRIANGLE PLAN

PROJECT:
PROPOSED MULTIFAMILY RESIDENTIAL DEVELOPMENT
ASHLAND, MASSACHUSETTS

PROPOONENT:
55 WEST UNION LLC
ASHLAND, MASSACHUSETTS

NO.	REVISIONS	DATE



**Vanasse &
Associates inc**
Transportation Engineers & Planners
35 New England Business Center Drive - Suite 140 - Andover, MA 01810
www.rdva.com 978-474-8800

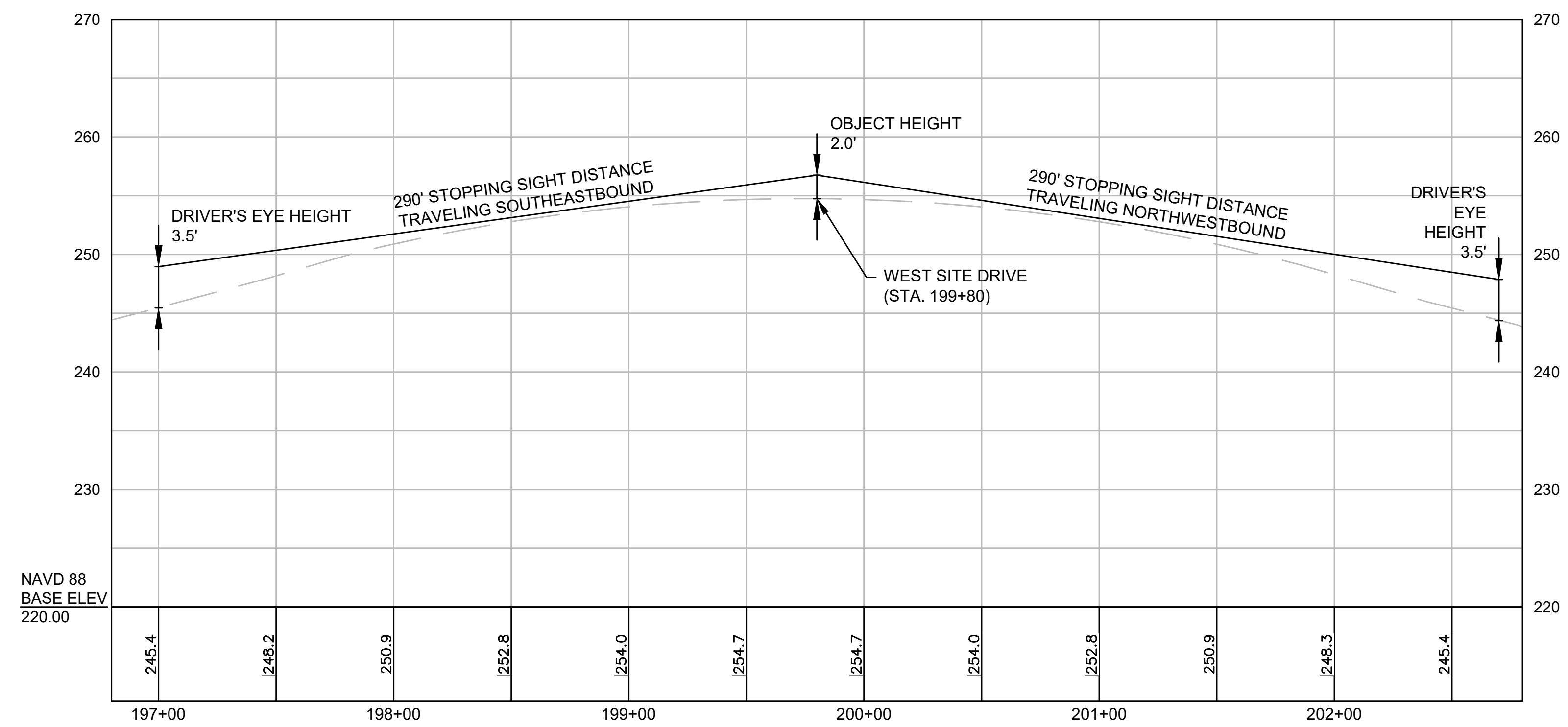
DESIGNED BY: IJS	DATE: 6/27/25
DRAWN BY: IJS	SCALE: 1" = 30'
CHECKED BY: JPC	SHEET 1 OF 3

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WEST SITE DRIVE - SOUTHEASTBOUND STOPPING SIGHT DISTANCE

MEMORIAL DRIVE:
 POSTED SPEED = 30 MPH
 85% SPEED (V_{major}) = 37 MPH
 DESIGN SPEED = 40 MPH
 AVERAGE GRADE = +3.2%

STOPPING SIGHT DISTANCE
 TRAVELING SOUTHEASTBOUND:
 REQUIRED MINIMUM SSD = 290'



**WEST SITE DRIVE
STOPPING SIGHT DISTANCE PROFILE**

WEST SITE DRIVE - NORTHWESTBOUND STOPPING SIGHT DISTANCE

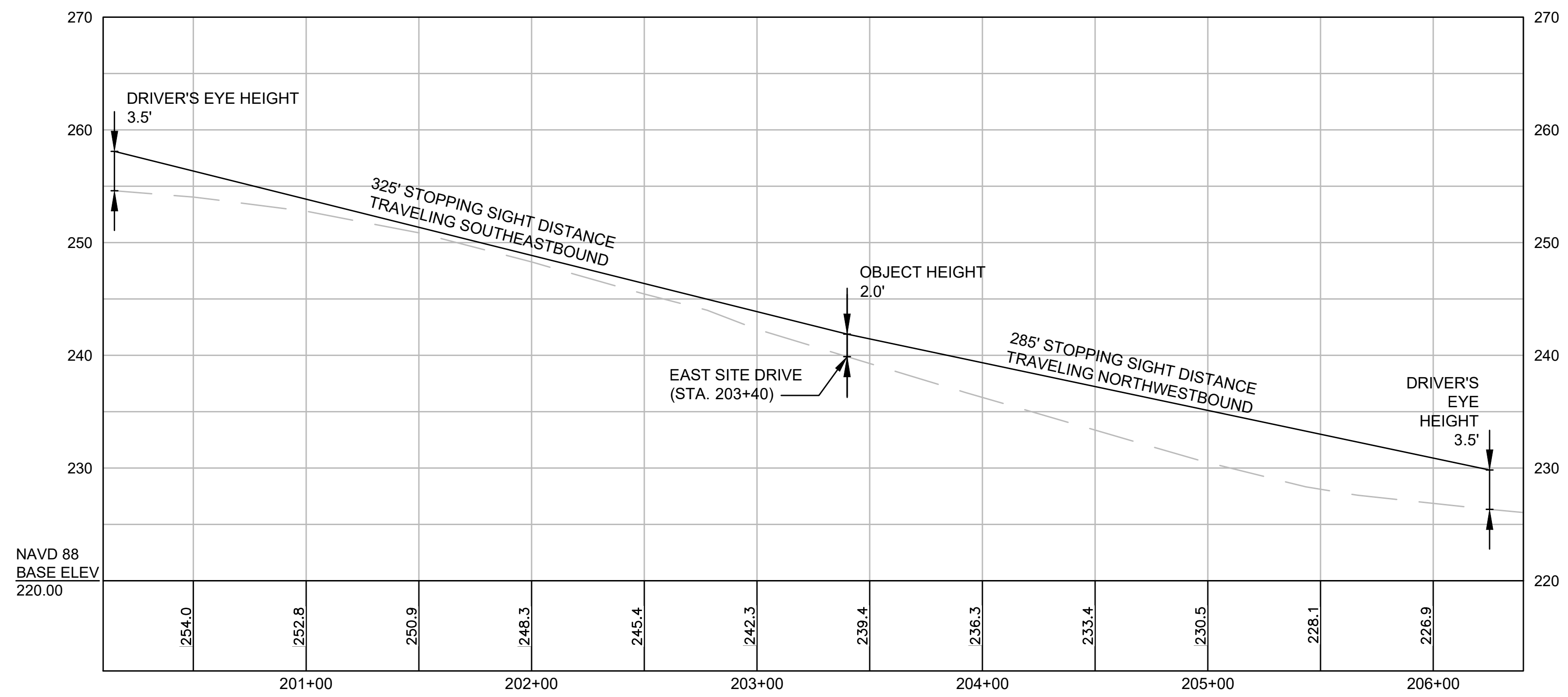
MEMORIAL DRIVE:
 POSTED SPEED = 30 MPH
 85% SPEED (V_{major}) = 36 MPH
 DESIGN SPEED = 40 MPH
 AVERAGE GRADE = +3.5%

STOPPING SIGHT DISTANCE
 TRAVELING NORTHWESTBOUND:
 REQUIRED MINIMUM SSD = 290'

EAST SITE DRIVE - SOUTHEASTBOUND STOPPING SIGHT DISTANCE

MEMORIAL DRIVE:
 POSTED SPEED = 30 MPH
 85% SPEED (V_{major}) = 37 MPH
 DESIGN SPEED = 40 MPH
 AVERAGE GRADE = -4.6%

STOPPING SIGHT DISTANCE
 TRAVELING SOUTHEASTBOUND:
 REQUIRED MINIMUM SSD = 325'

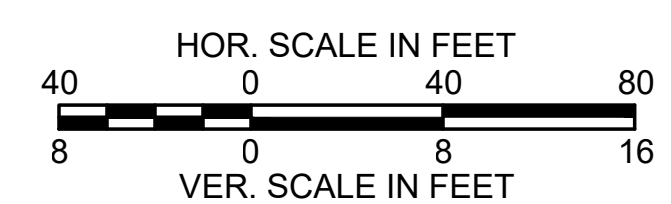


**EAST SITE DRIVE
STOPPING SIGHT DISTANCE PROFILE**

EAST SITE DRIVE - NORTHWESTBOUND STOPPING SIGHT DISTANCE

MEMORIAL DRIVE:
 POSTED SPEED = 30 MPH
 85% SPEED (V_{major}) = 36 MPH
 DESIGN SPEED = 40 MPH
 AVERAGE GRADE = +4.7%

STOPPING SIGHT DISTANCE
 TRAVELING NORTHWESTBOUND:
 REQUIRED MINIMUM SSD = 285'



**FIGURE 8
MEMORIAL DRIVE AT THE PROJECT SITE DRIVEWAYS
STOPPING SIGHT DISTANCE PROFILES**

PROJECT:
**PROPOSED MULTIFAMILY RESIDENTIAL DEVELOPMENT
 ASHLAND, MASSACHUSETTS**

PROPOSER:
**55 WEST UNION LLC
 ASHLAND, MASSACHUSETTS**

NO.	REVISIONS	DATE

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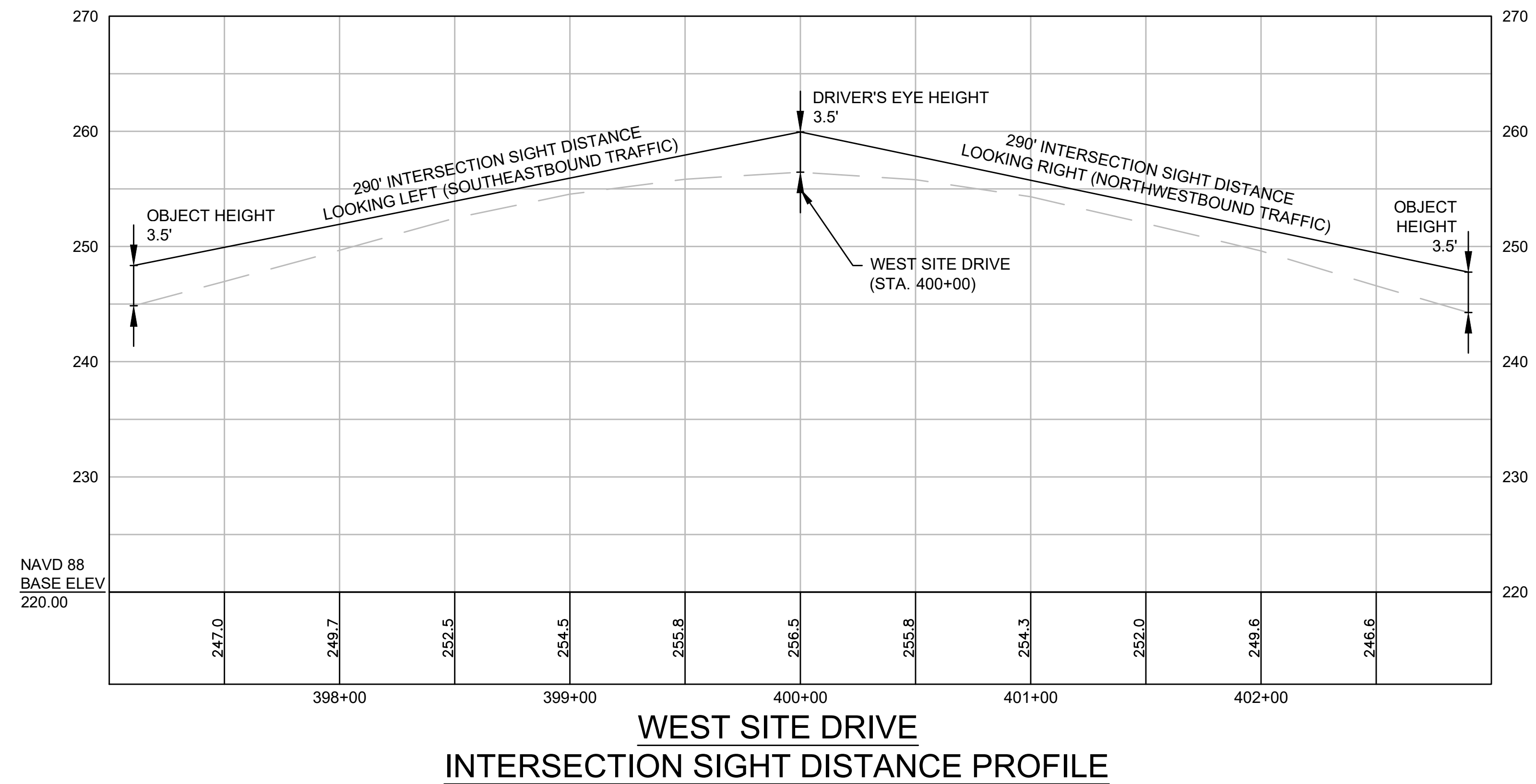
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DRAWN BY: IJS	SCALE: AS NOTED
CHECKED BY: JPC	SHEET 2 OF 3

WEST SITE DRIVE - SOUTHEASTBOUND INTERSECTION SIGHT DISTANCE

MEMORIAL DRIVE:
 POSTED SPEED = 30 MPH
 85% SPEED (V_{major}) = 37 MPH
 DESIGN SPEED = 40 MPH

INTERSECTION SIGHT DISTANCE
 LOOKING LEFT (NORTHWEST):
 REQUIRED MINIMUM ISD = SSD *

* SEE SHEET 2



WEST SITE DRIVE - NORTHWESTBOUND INTERSECTION SIGHT DISTANCE

MEMORIAL DRIVE:
 POSTED SPEED = 30 MPH
 85% SPEED (V_{major}) = 36 MPH
 DESIGN SPEED = 40 MPH

INTERSECTION SIGHT DISTANCE
 LOOKING RIGHT (SOUTHEAST):
 REQUIRED MINIMUM ISD = SSD *

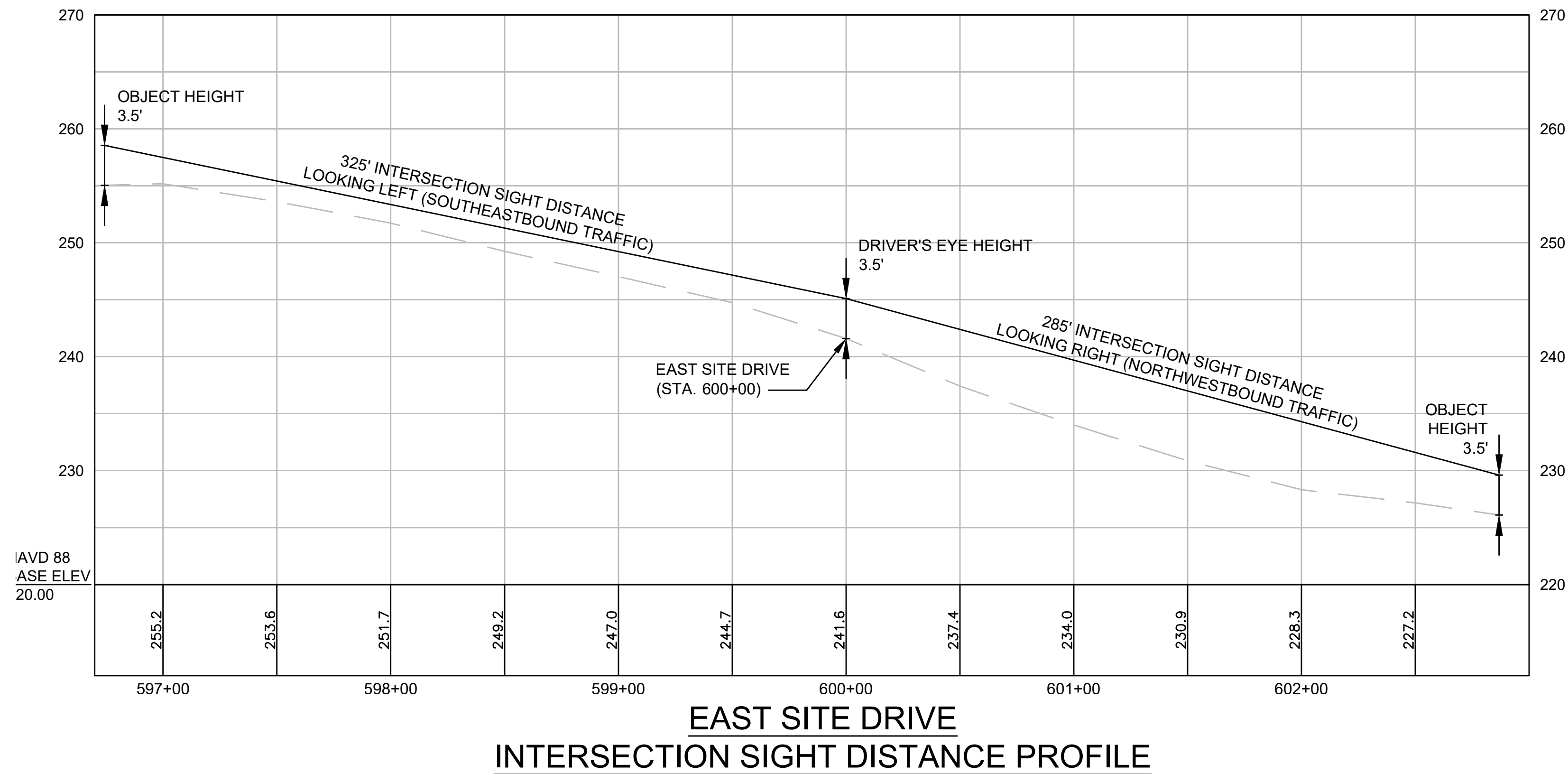
* SEE SHEET 2

EAST SITE DRIVE - SOUTHEASTBOUND INTERSECTION SIGHT DISTANCE

MEMORIAL DRIVE:
 POSTED SPEED = 30 MPH
 85% SPEED (V_{major}) = 37 MPH
 DESIGN SPEED = 40 MPH

INTERSECTION SIGHT DISTANCE
 LOOKING LEFT (NORTHWEST):
 REQUIRED MINIMUM ISD = SSD *

* SEE SHEET 2



EAST SITE DRIVE - NORTHWESTBOUND INTERSECTION SIGHT DISTANCE

MEMORIAL DRIVE:
 POSTED SPEED = 30 MPH
 85% SPEED (V_{major}) = 36 MPH
 DESIGN SPEED = 40 MPH

INTERSECTION SIGHT DISTANCE
 LOOKING RIGHT (SOUTHEAST):
 REQUIRED MINIMUM ISD = SSD *

* SEE SHEET 2

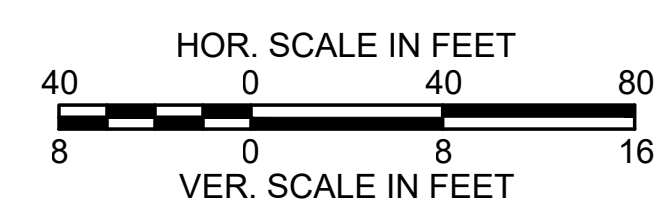



FIGURE 8
 MEMORIAL DRIVE AT THE PROJECT SITE DRIVEWAYS
 INTERSECTION SIGHT DISTANCE PROFILES

PROJECT:
 PROPOSED MULTIFAMILY RESIDENTIAL DEVELOPMENT
 ASHLAND, MASSACHUSETTS

PROPONENT:
 55 WEST UNION LLC
 ASHLAND, MASSACHUSETTS

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