KINGSBURY VILLAGE LAYOUT & MATERIALS PLANS

SEWER CONNECTION TO BUTTERCUP LANE PROFILE

TIMBER CREST ESTATES ROAD PROFILES

EAST-WEST UTILITY CONNECTION PROFILE

KINGSBURY VILLAGE ROAD PROFILES

DETAIL SHEETS

41-45

49-50

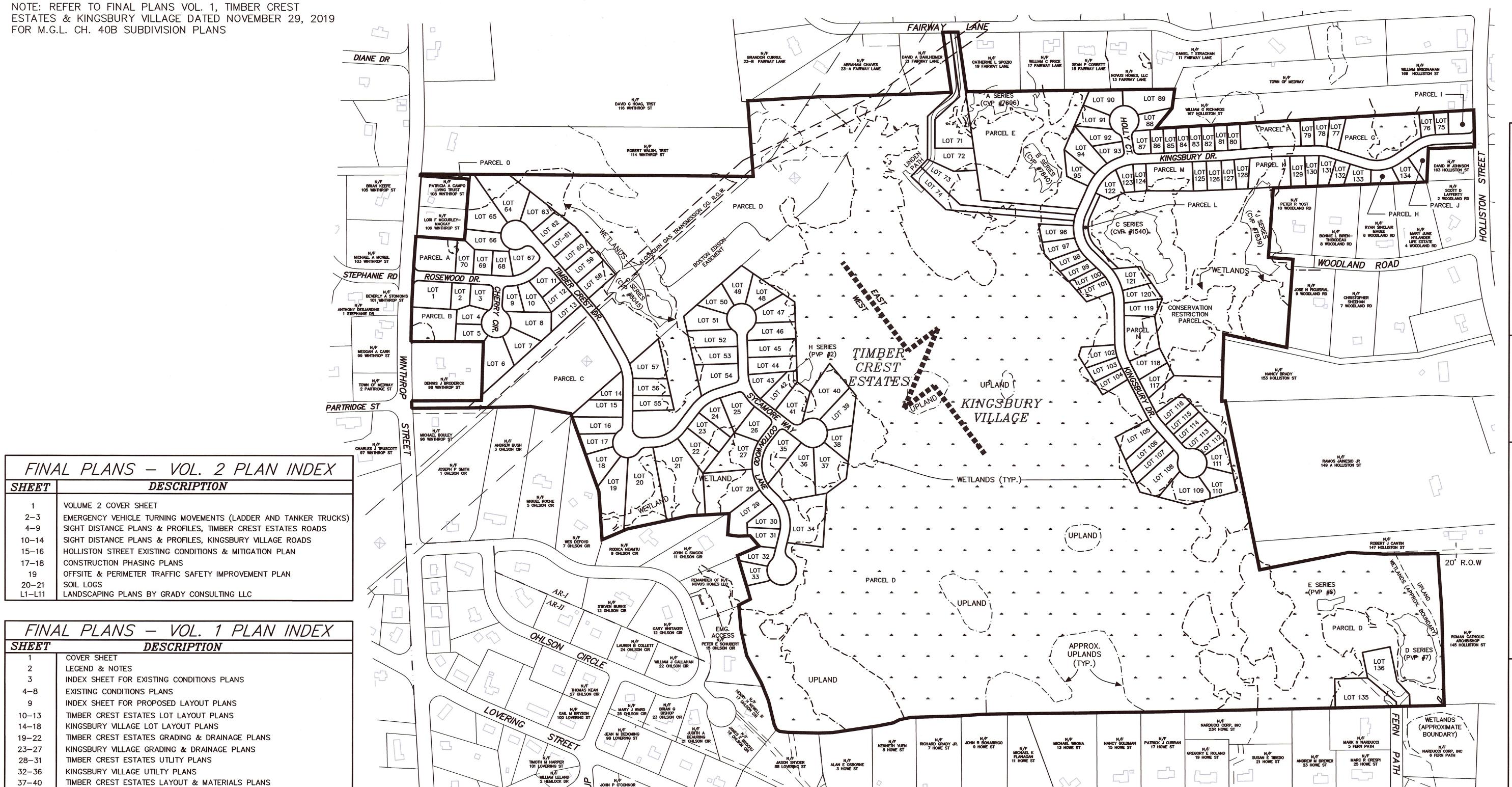
53-61

# CREST ESTATES & KINGSBURY VILLAGE "

A PROPOSED RESIDENTIAL DEVELOPMENT

MEDWAY, MASSACHUSETTS

### FINALPLANS WOL. 2





APPROVED SUBJECT TO TERMS AND CONDITIONS OF A COMPREHENSIVE PERMIT PER ZONING BOARD OF APPEALS DECISION, AS AUTHORIZED BY CHAPTER 40B OF THE MASSACHUSETTS GENERAL LAWS, SECTIONS 20-23.
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MEDWAY ZONING BOARD OF APPEALS THIS PLAN IS SUBJECT TO A

COVENANT TO BE RECORDED HEREWITH

I CERTIFY THAT 20 DAYS HAVE ELAPSED SINCE ZONING BOARD APPROVAL, AND THAT NO APPEAL HAS BEEN FILED AT THIS OFFICE.

TOWN CLERK-TOWN OF MEDWAY

FINAL PLANS

VOLUME 2 COVER SHEET

TIMBERCREST ESTATES KINGSBURY VILLAGE

MEDWAY*MASSACHUSETTS* 

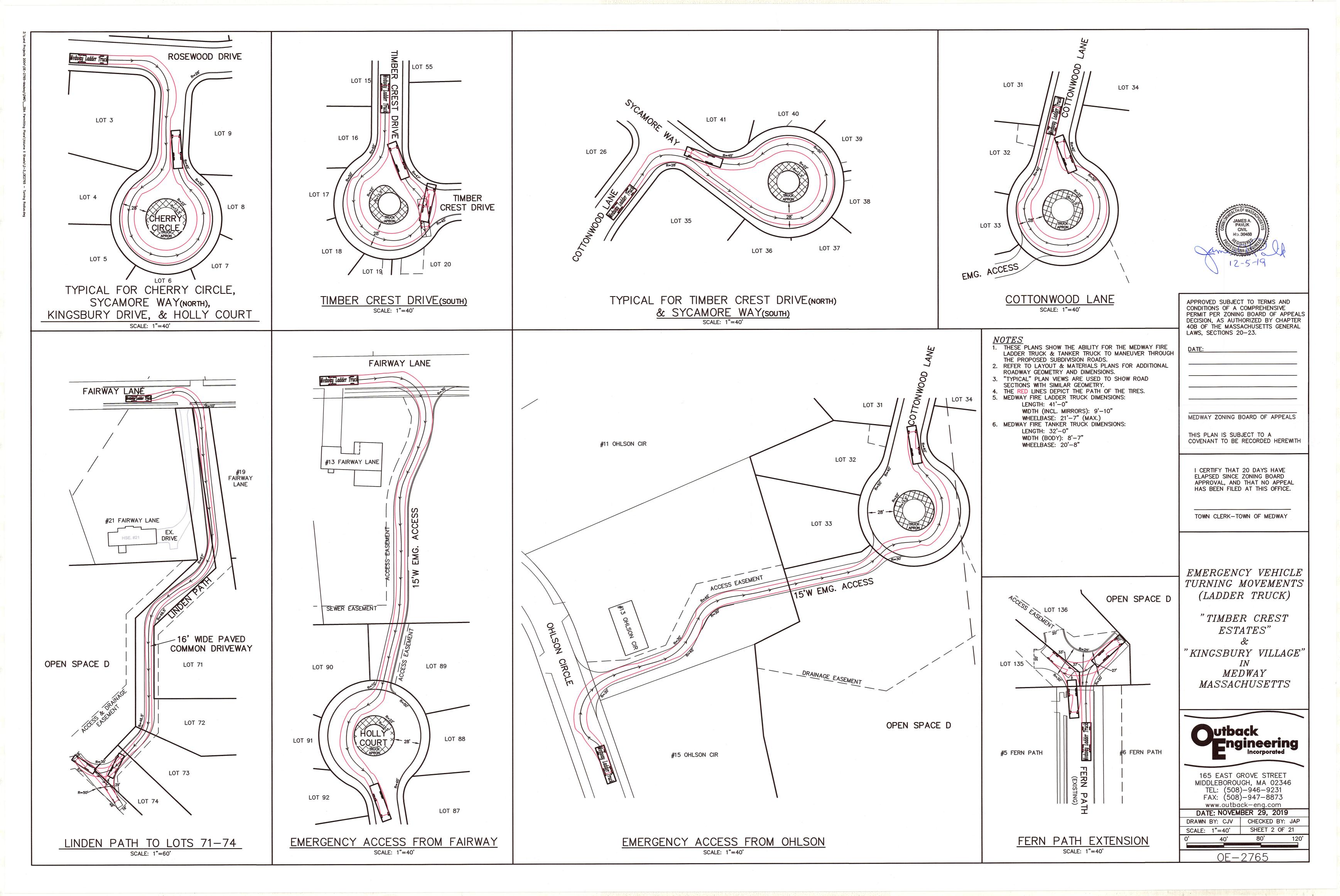
## utback Engineering Incorporated

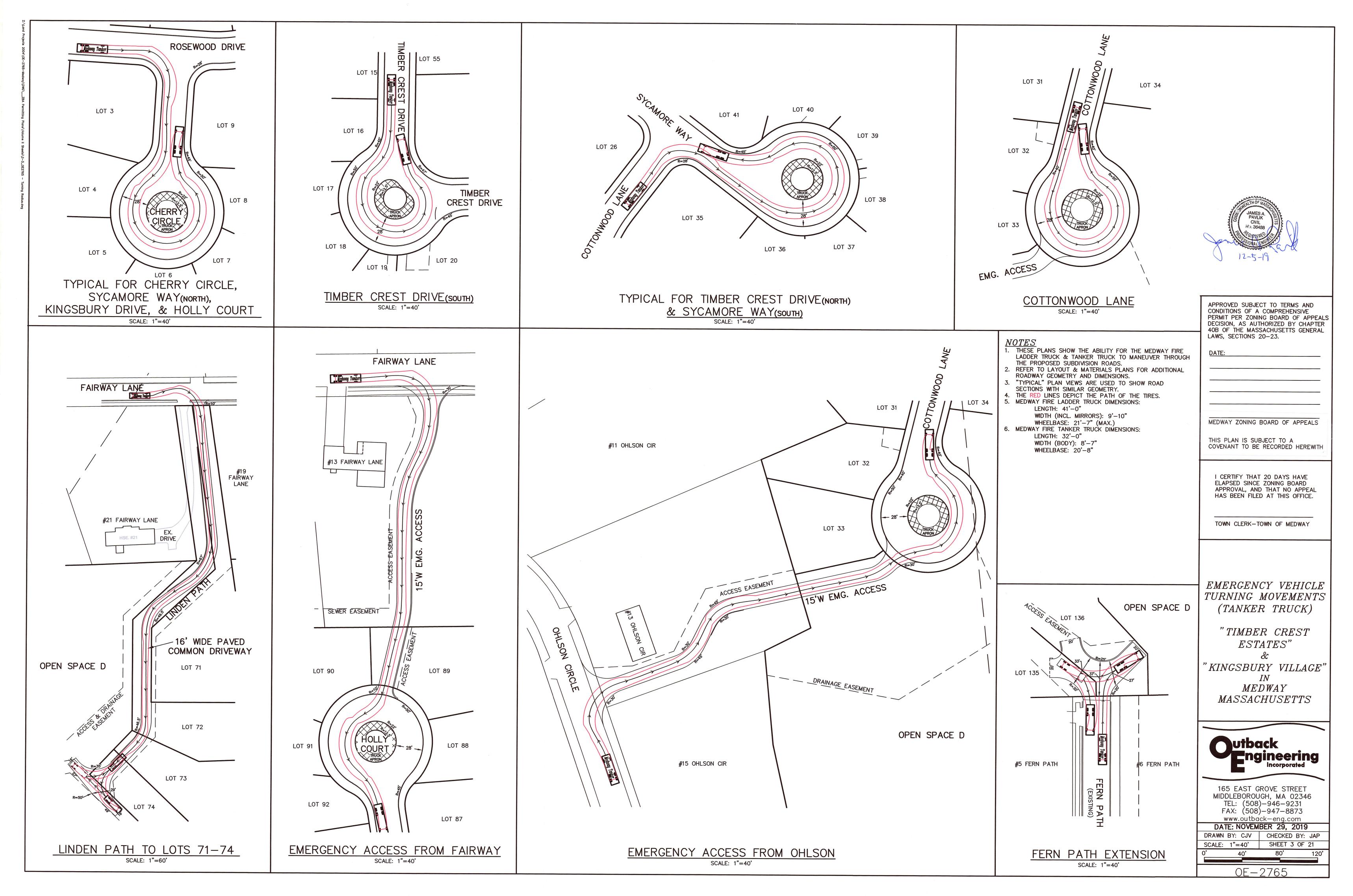
165 EAST GROVE STREET MIDDLEBOROUGH, MA 02346 TEL: (508)-946-9231 FAX: (508)-947-8873 www.outback-eng.com

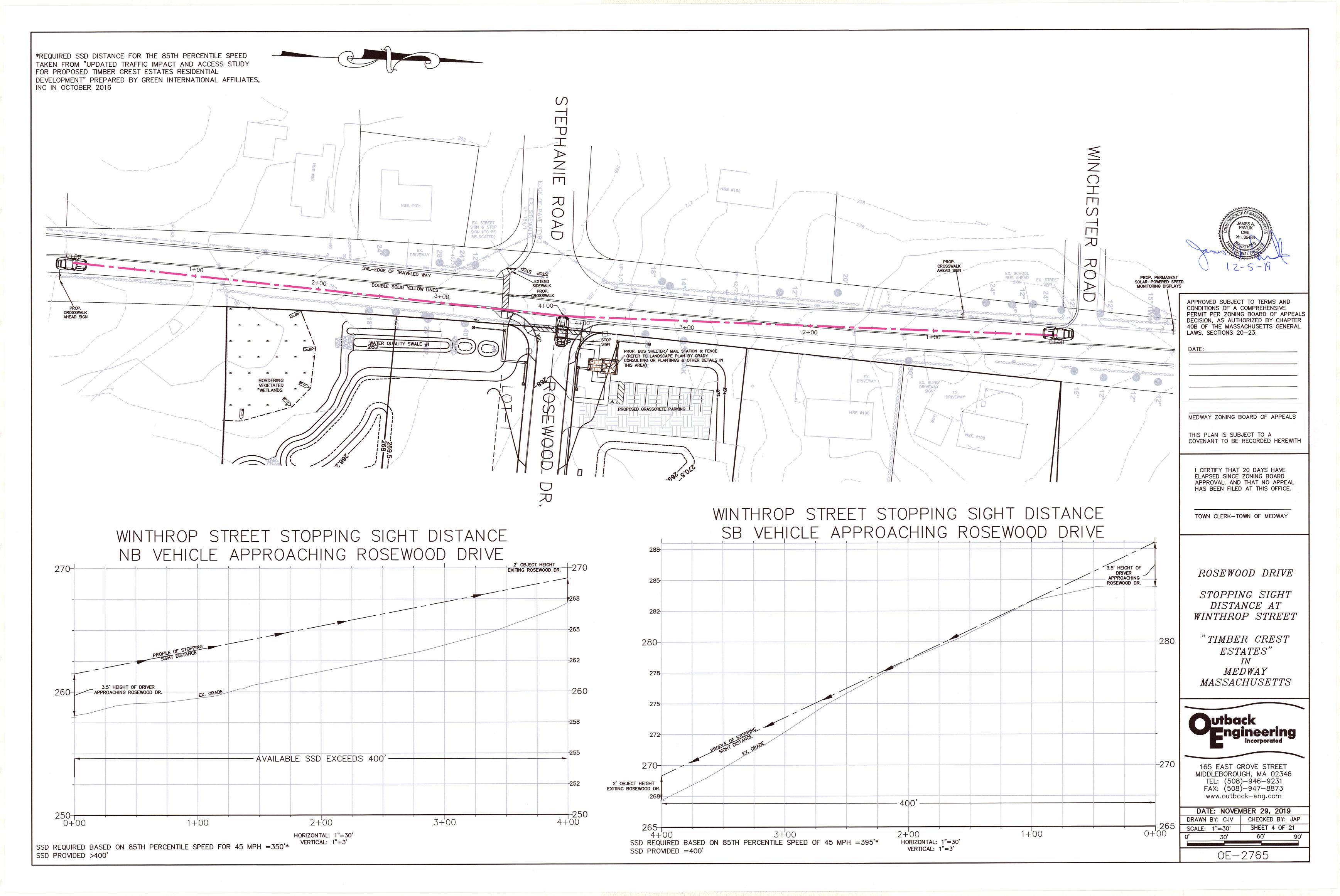
	DATE: NOVEMBER 29, 2019				
	DRAWN BY: CJV	CHECKED BY: JAP			
	SCALE: 1"=200'	SHEET 1 OF 21			
	0' 200'	400' 600'			
- 1					

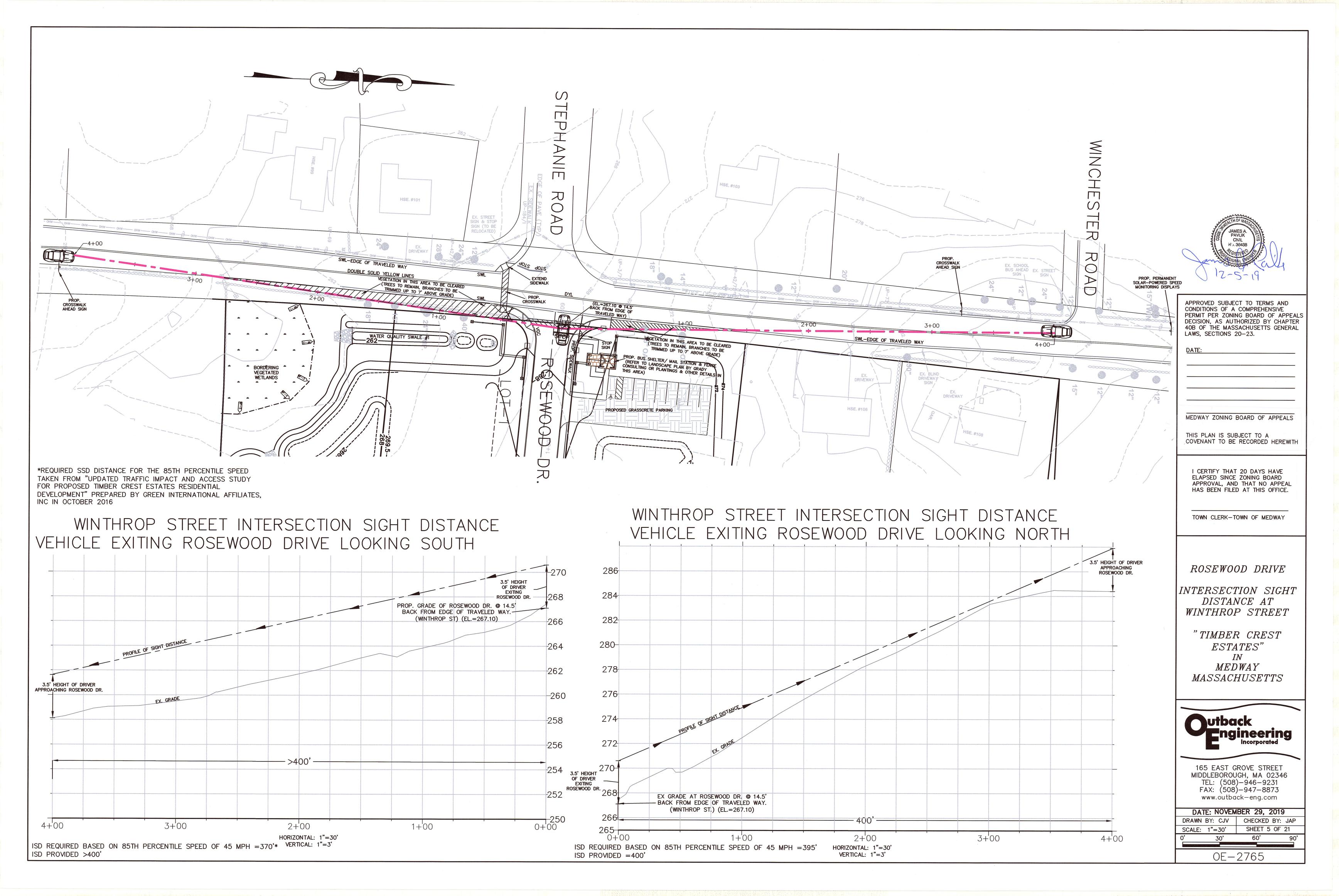
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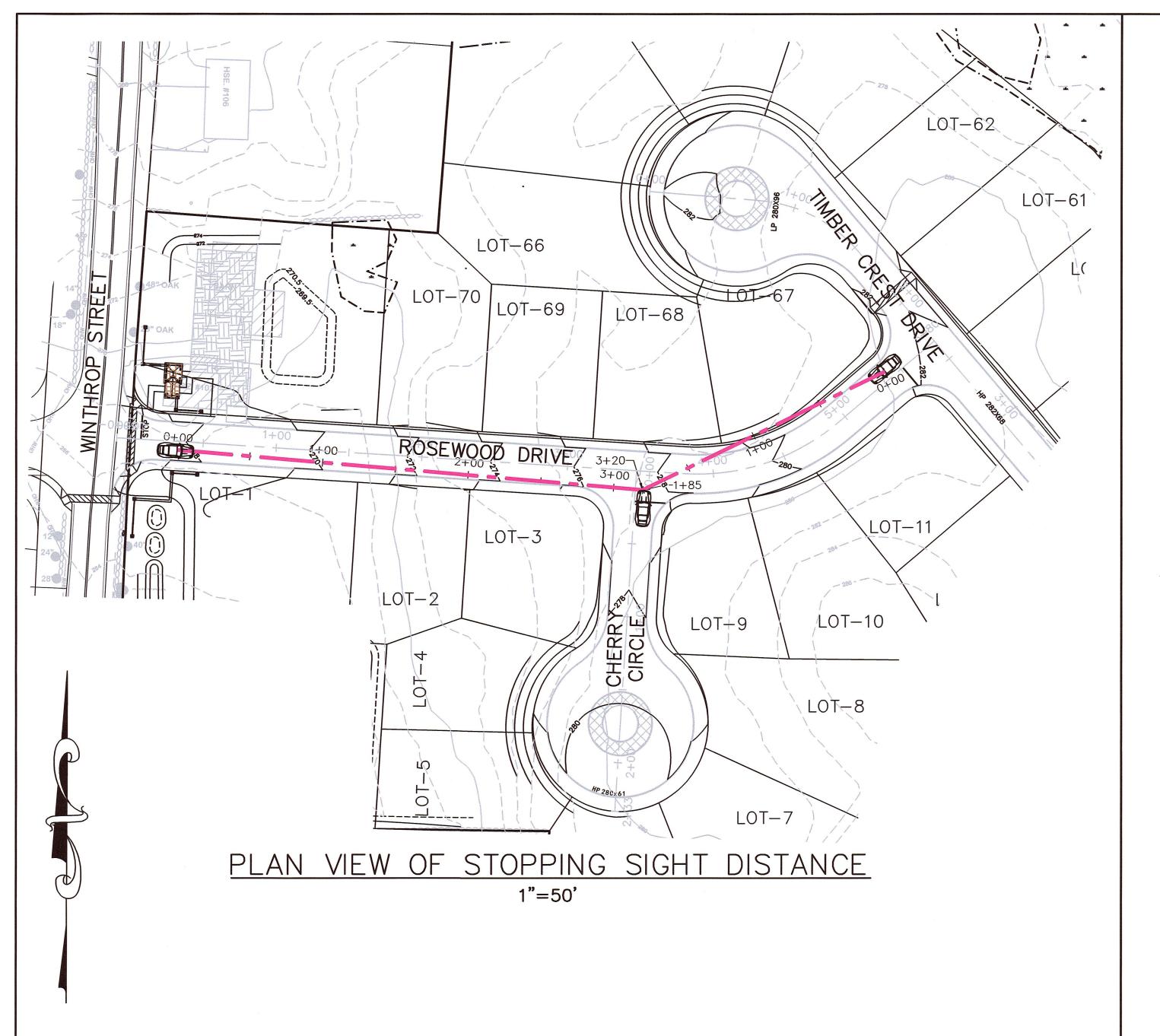
OE - 2765

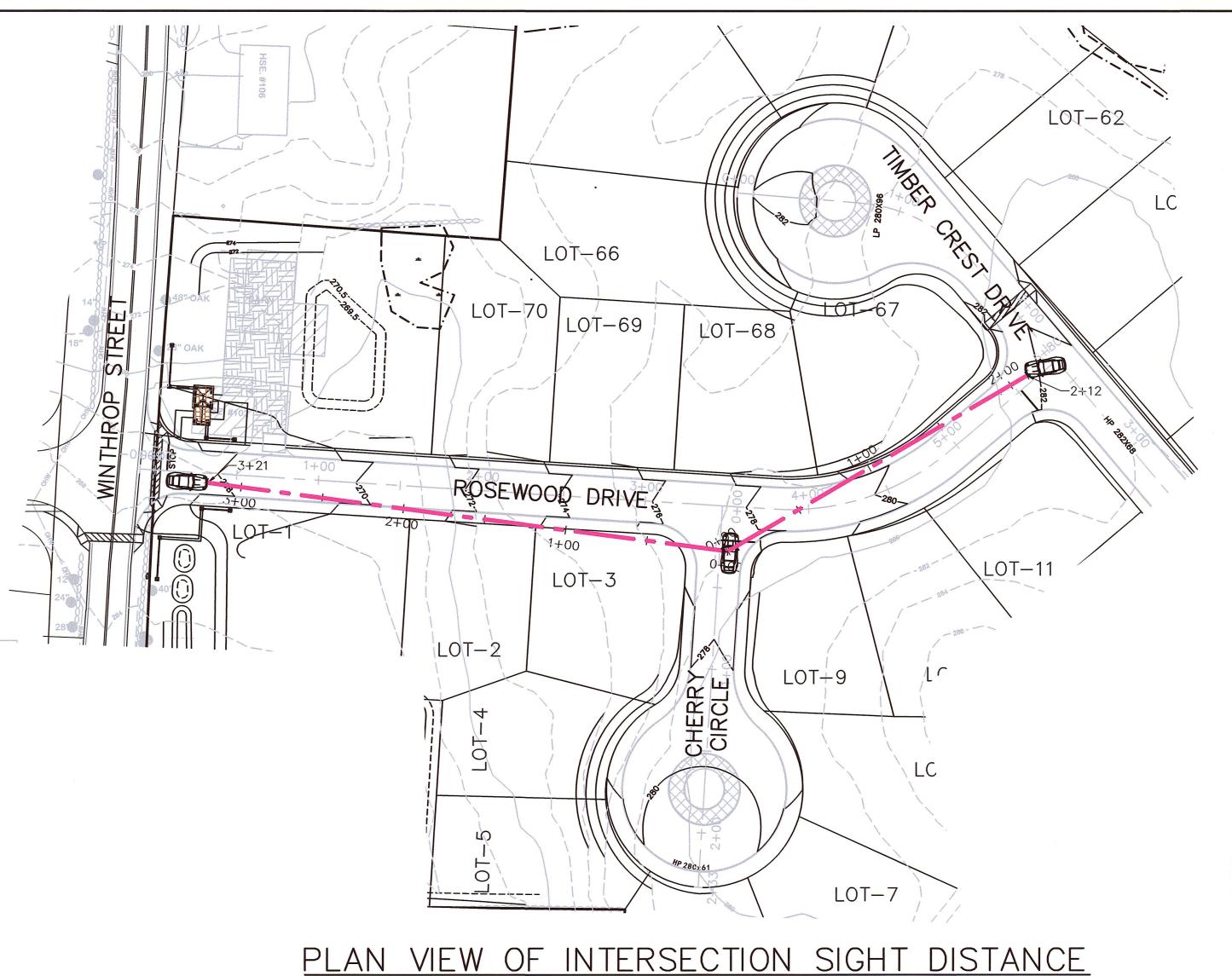




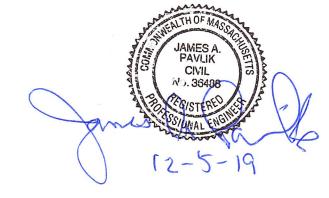








1"=50'



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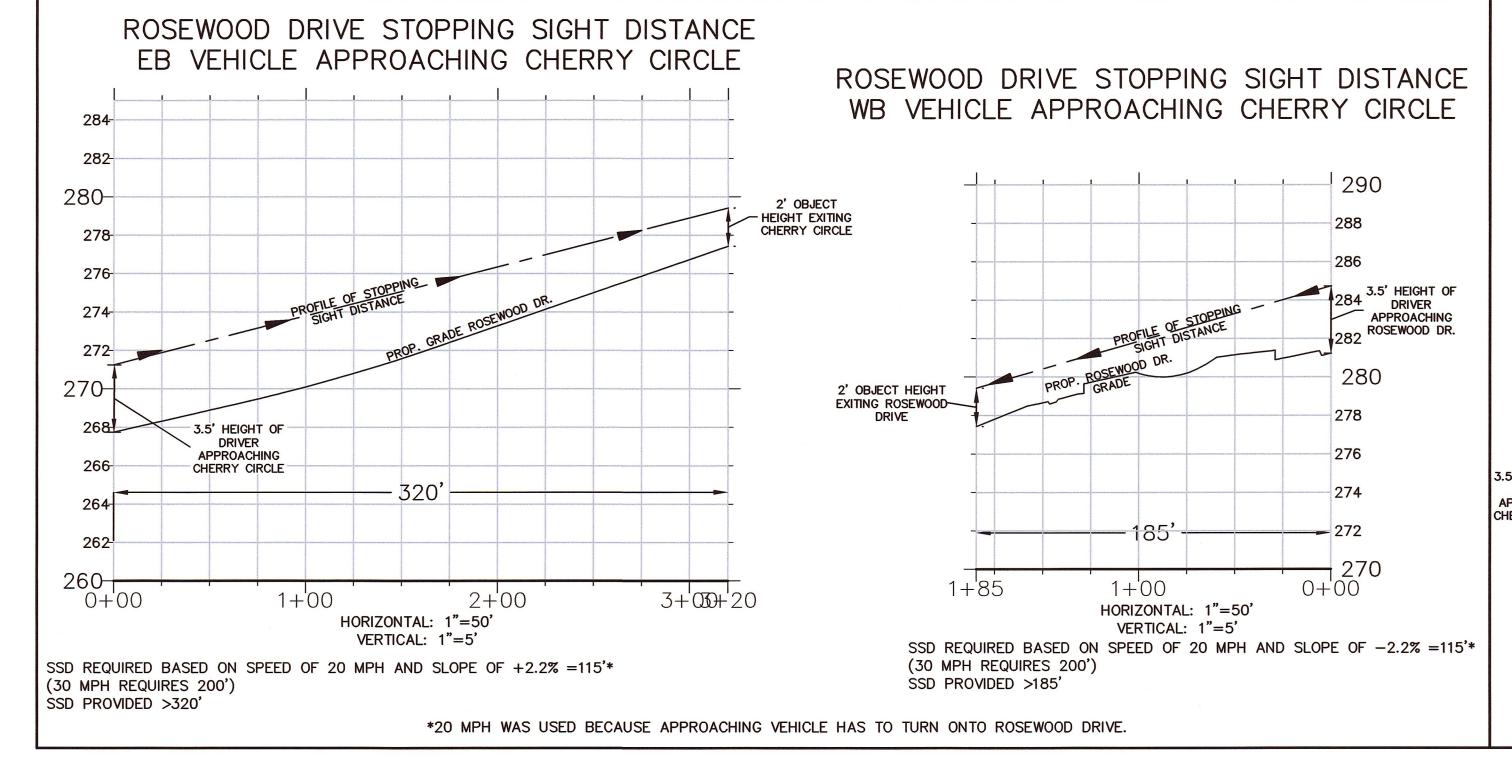
TOWN CLERK-TOWN OF MEDWAY

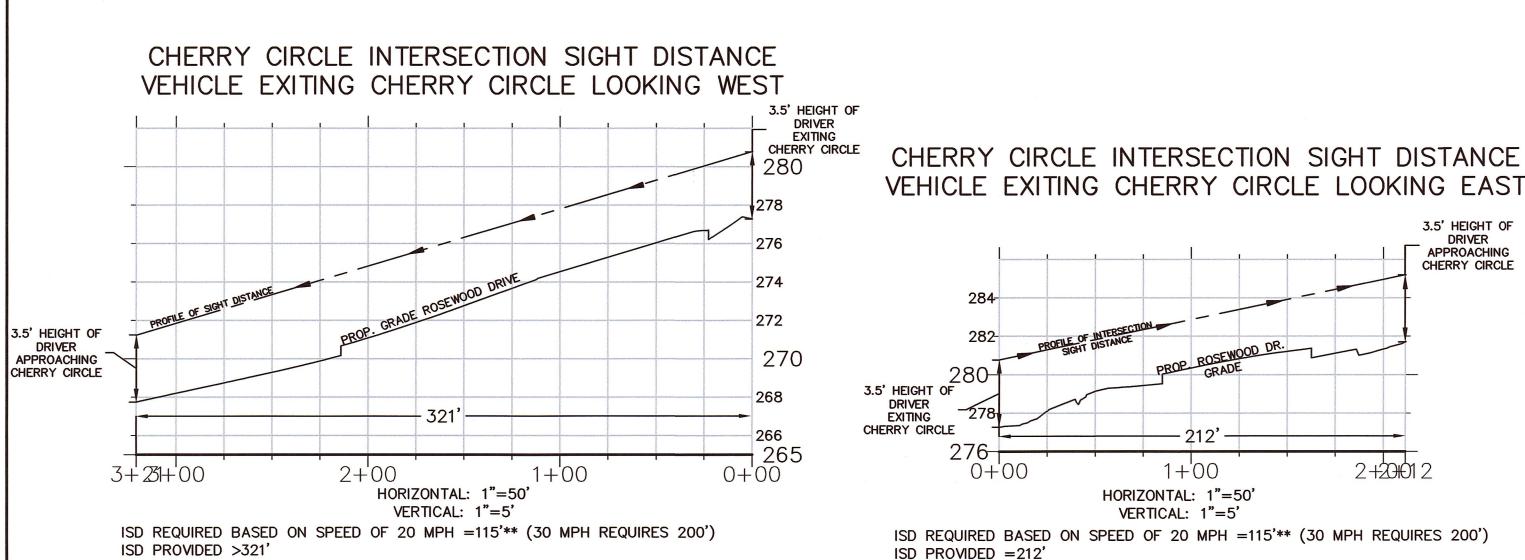
CHERRY CIRCLE

STOPPING ANDINTERSECTION SIGHT DISTANCE AT ROSEWOOD DRIVE

> "TIMBER CREST ESTATES"

MEDWAY*MASSACHUSETTS* 





\*\*PER AASHTO, IF THE AVAILABLE ISD MEETS OR EXCEEDS THE MINIMUM SSD

CRITERIA, THEN THERE IS ADEQUATE SAFE INTERSECTION SIGHT DISTANCE

## Utback **\_**ngineering

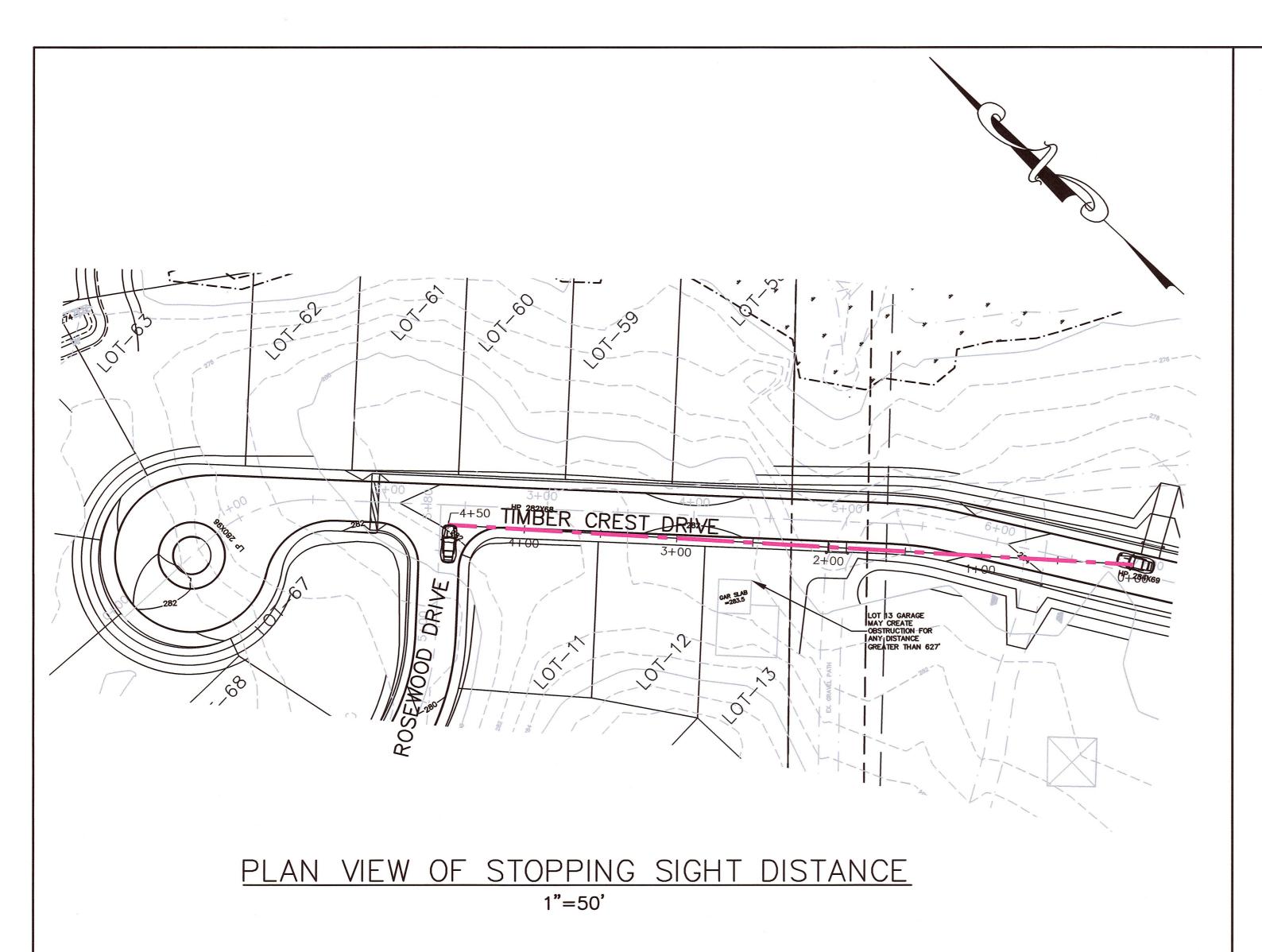
3.5' HEIGHT OF \_ DRIVER APPROACHING CHERRY CIRCLE

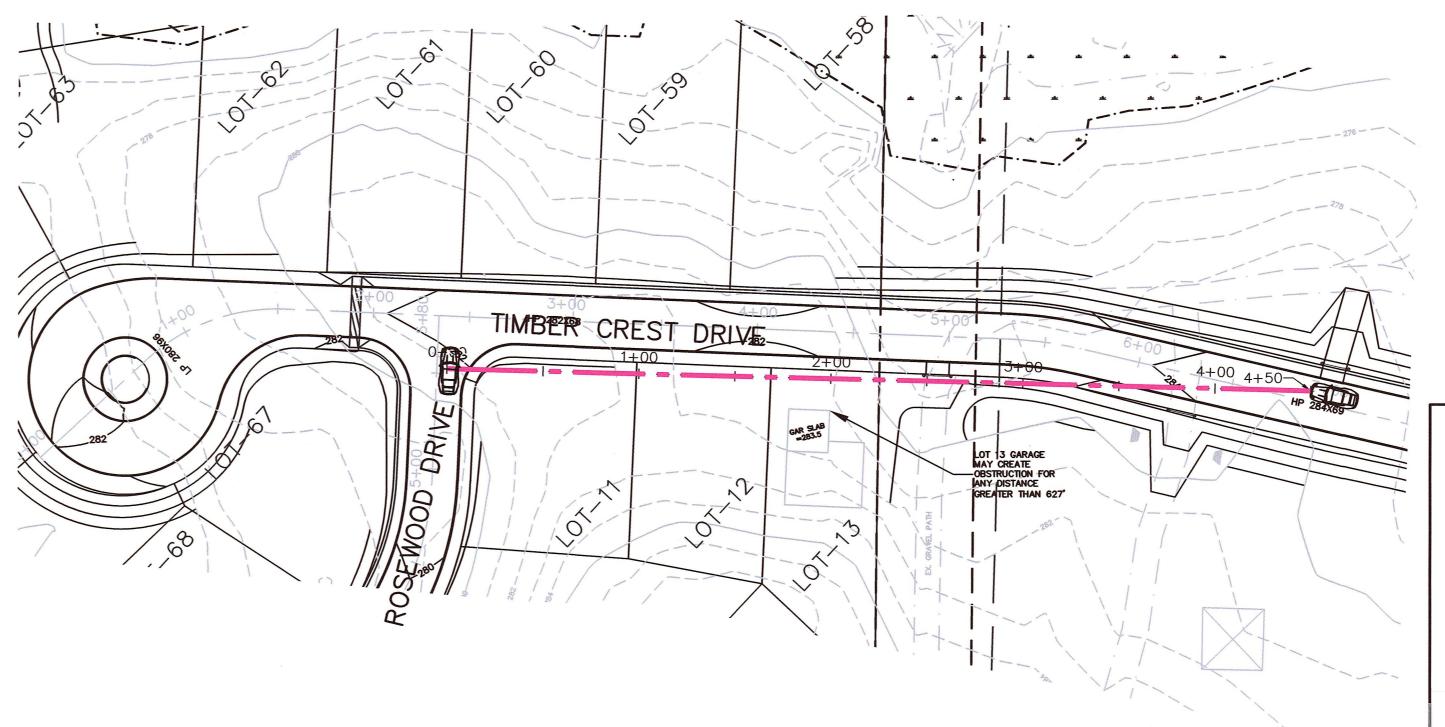
2+20+012

165 EAST GROVE STREET MIDDLEBOROUGH, MA 02346 TEL: (508)-946-9231 FAX: (508)-947-8873 www.outback-eng.com

DATE: NOVEMBER 29, 2019 DRAWN BY: CJV | CHECKED BY: JAP SCALE: 1"=50' SHEET 6 OF 21 100'

0E - 2765





PLAN VIEW OF INTERSECTION SIGHT DISTANCE

1"=50'



APPROVED SUBJECT TO TERMS AND CONDITIONS OF A COMPREHENSIVE PERMIT PER ZONING BOARD OF APPEALS DECISION, AS AUTHORIZED BY CHAPTER 40B OF THE MASSACHUSETTS GENERAL LAWS, SECTIONS 20-23.

DATE:

MEDWAY ZONING BOARD OF APPEALS

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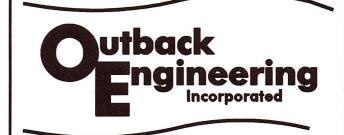
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TOWN CLERK-TOWN OF MEDWAY

#### ROSEWOOD DRIVE

STOPPING
AND
INTERSECTION SIGHT
DISTANCE AT TIMBER
CREST DRIVE

"TIMBER CREST
ESTATES"
IN
MEDWAY
MASSACHUSETTS



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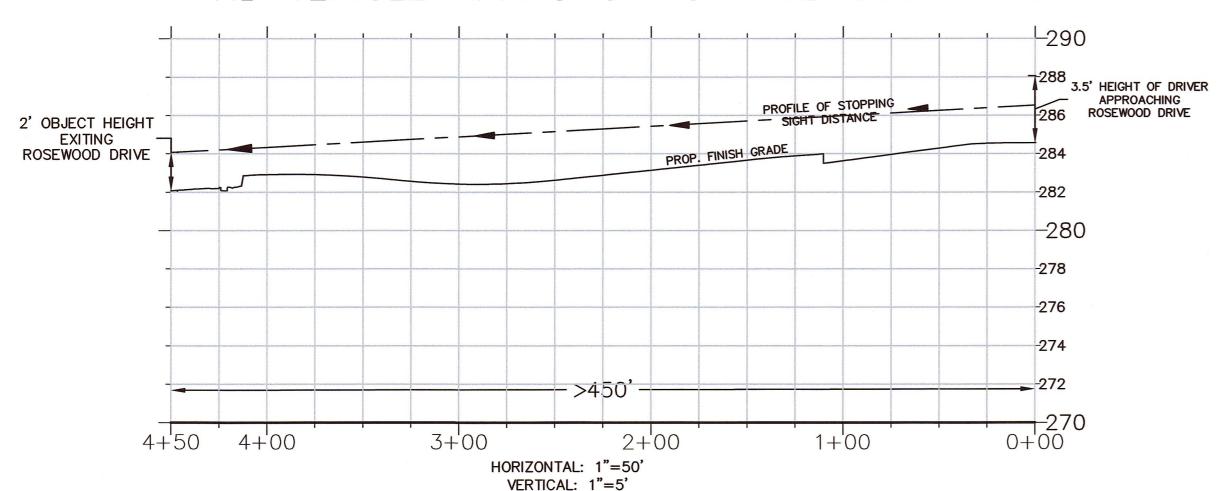
 SCALE: 1"=50'
 SHEET 7 OF 21

 0'
 50'

 100'
 150'

0E - 2765

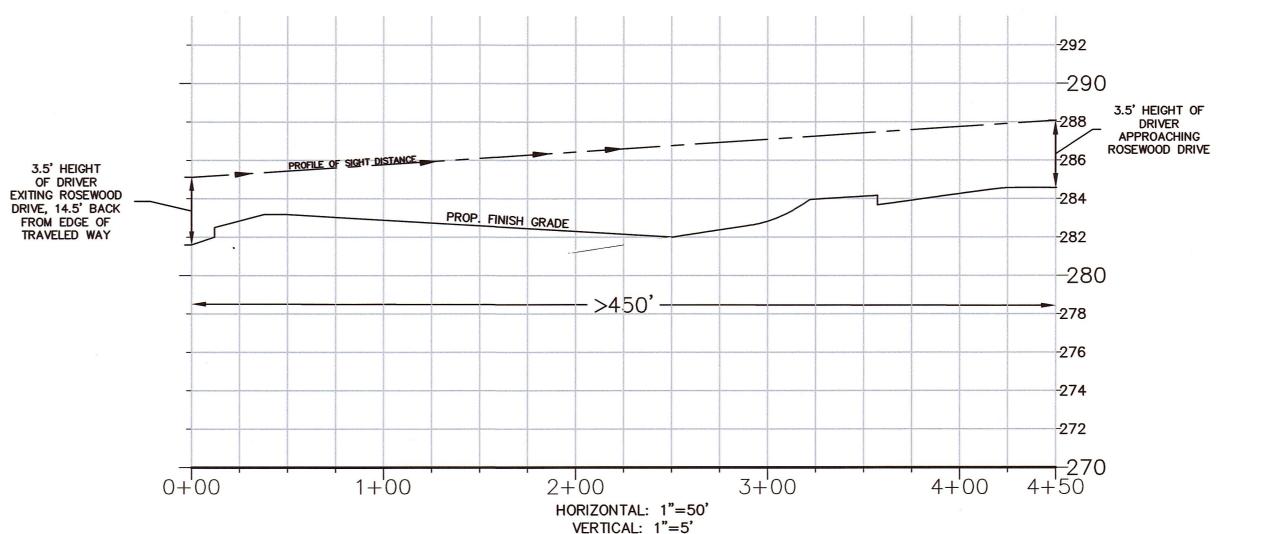
## TIMBER CREST DRIVE STOPPING SIGHT DISTANCE NB VEHICLE APPROACHING ROSEWOOD DRIVE



SSD REQUIRED BASED ON SPEED OF 30 MPH AND SLOPE OF -1.0% =200' SSD PROVIDED >450'

NOTE: NO SSD PROFILE IS PROVIDED FOR VEHICLE APPROACHING ROSEWOOD DRIVE FROM THE CUL DE SAC BECAUSE THERE IS A CLEAR VIEW OF CUL DE SAC 220' AWAY.

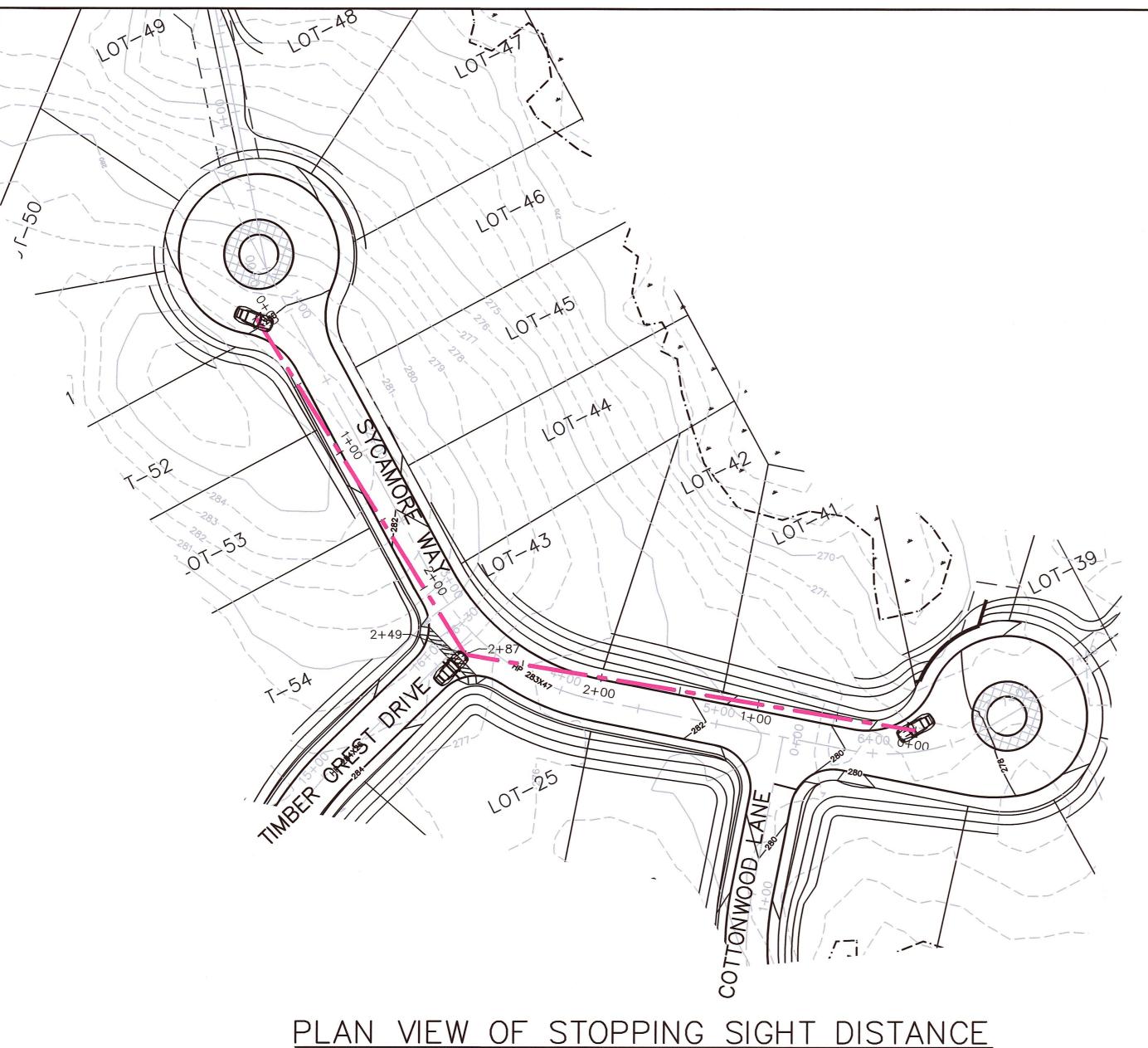
## TIMBER CREST DRIVE INTERSECTION SIGHT DISTANCE VEHICLE EXITING ROSEWOOD DRIVE LOOKING SOUTHEAST



ISD REQUIRED BASED ON SPEED OF 30 MPH =200'\*
ISD PROVIDED >450'\*

\*PER AASHTO, IF THE AVAILABLE ISD MEETS OR EXCEEDS THE MINIMUM SSD CRITERIA, THEN THERE IS ADEQUATE SAFE INTERSECTION SIGHT DISTANCE

NOTE: NO ISD PROFILE IS PROVIDED FOR VEHICLE APPROACHING ROSEWOOD DRIVE FROM THE CUL DE SAC BECAUSE THERE IS A CLEAR VIEW OF CUL DE SAC 220' AWAY.



1"=50'

SYCAMORE WAY STOPPING SIGHT DISTANCE SB VEHICLE APPROACHING TIMBER CREST DRIVE SYCAMORE WAY STOPPING SIGHT DISTANCE WB VEHICLE APPROACHING TIMBER CREST DRIVE 2' OBJECT HEIGHT EXITING 3.5' HEIGHT
OF DRIVER 282
APPROACHING
TIMBER
CREST DR. 280 2' OBJECT HEIGHT EXITING TIMBER CREST DR. 3.5' HEIGHT OF DRIVER 282 APPROACHING TIMBER CREST 00+00 1+00 2+00 2+49 2+87 1+'00 2+'00 0 + 00HORIZONTAL: 1"=50' VERTICAL: 1"=5" HORIZONTAL: 1"=50" VERTICAL: 1"=5' SSD REQUIRED BASED ON SPEED OF 30 MPH AND SLOPE OF 1.3% =200' SSD REQUIRED BASED ON SPEED OF 30 MPH AND SLOPE OF 2.2% =200' SSD PROVIDED >249' SSD PROVIDED >249'

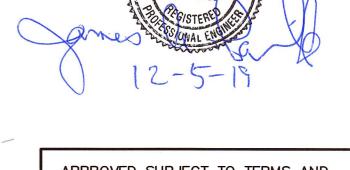


PLAN VIEW OF INTERSECTION SIGHT DISTANCE 1"=50'

\*PER AASHTO, IF THE AVAILABLE ISD MEETS OR EXCEEDS THE MINIMUM SSD CRITERIA, THEN THERE IS ADEQUATE SAFE INTERSECTION SIGHT DISTANCE

TIMBER CREST DRIVE INTERSECTION SIGHT DISTANCE TIMBER CREST DRIVE INTERSECTION SIGHT DISTANCE VEHICLE EXITING TIMBER CREST DRIVE LOOKING NORTH VEHICLE EXITING TIMBER CREST DRIVE LOOKING EAST 3.5' HEIGHT OF DRIVER
- EXITING
- TIMBER 3.5' HEIGHT OF DRIVER EXITING TIMBER CREST DR. CREST DR. 3.5' HEIGHT OF DRIVER
APPROACHING
TIMBER
CREST DR. 282 3.5' HEIGHT OF DRIVER
APPROACHING
- TIMBER
CREST DR. 280-<del>276</del> 0+00 2+50 2+00 1+'00 2+00 0+00 1+'00 2+97 HORIZONTAL: 1"=50' HORIZONTAL: 1"=50' VERTICAL: 1"=5' VERTICAL: 1"=5" ISD REQUIRED BASED ON SPEED OF 30 MPH =200' ISD PROVIDED >250'\* ISD REQUIRED BASED ON SPEED OF 30 MPH =200'

ISD PROVIDED >297'\*



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MEDWAY ZONING BOARD OF APPEALS

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TOWN CLERK-TOWN OF MEDWAY

TIMBER CREST DRIVE

STOPPING ANDINTERSECTION SIGHT DISTANCE AT SYCAMORE WAY

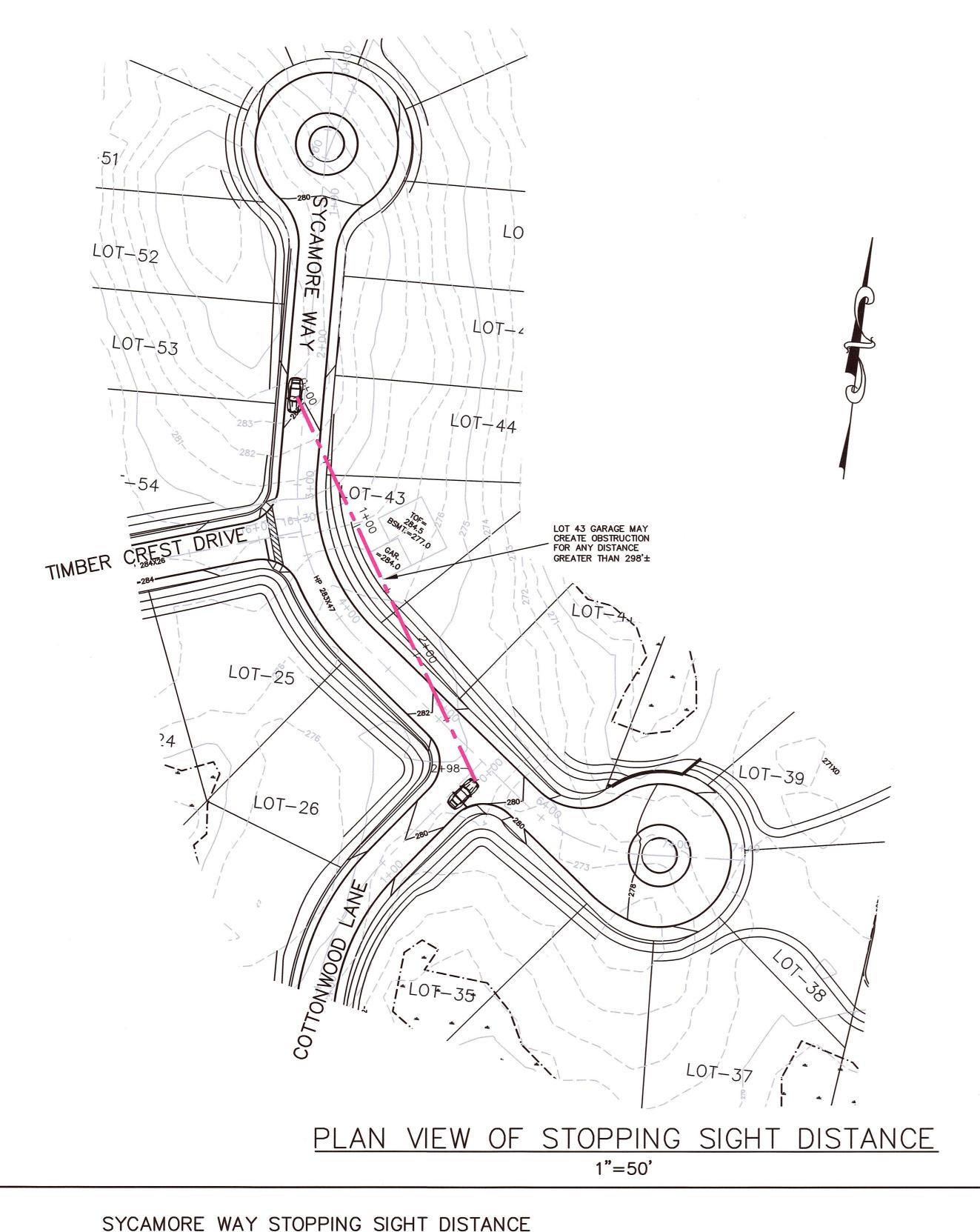
> "TIMBER CREST ESTATES" MEDWAY*MASSACHUSETTS*

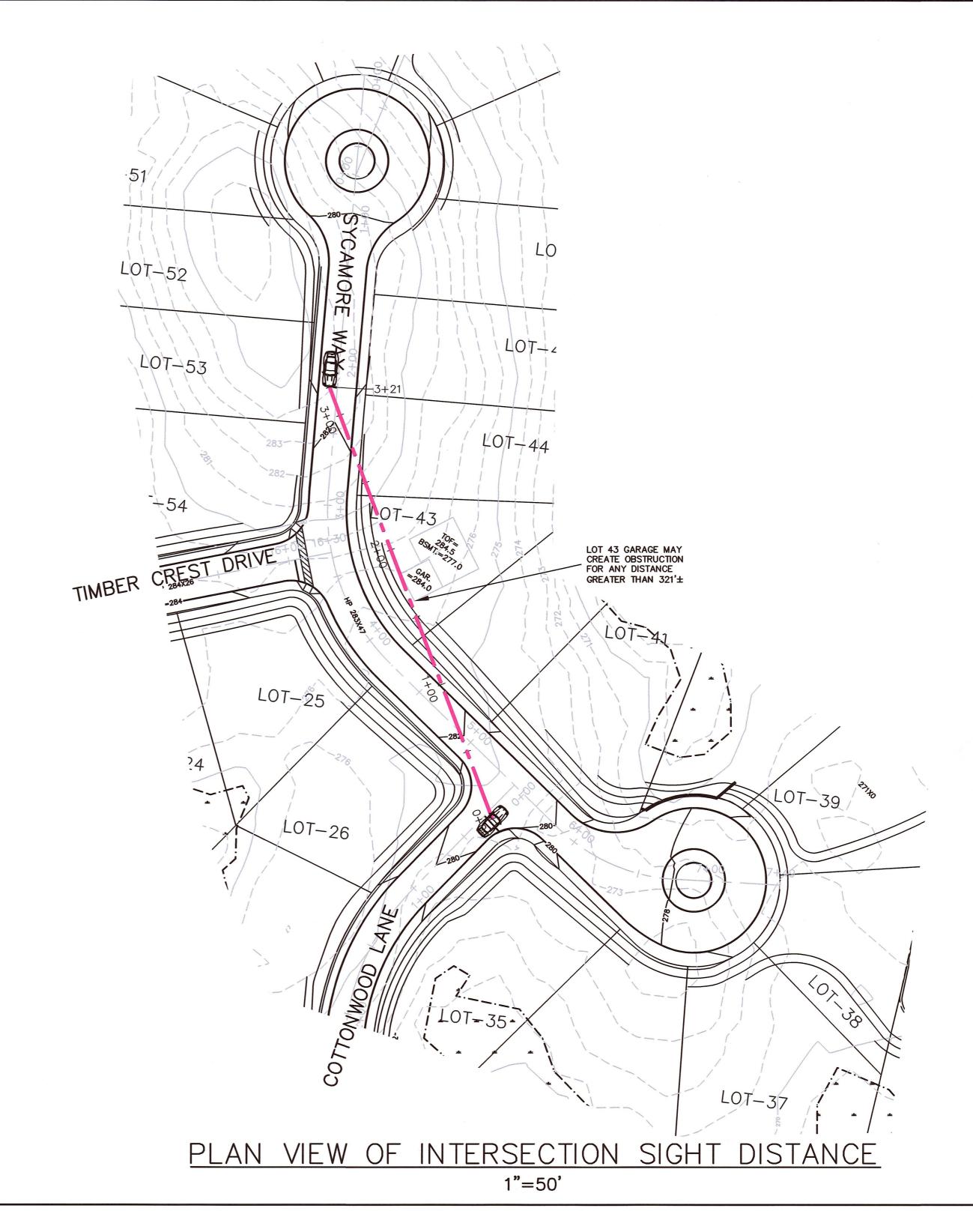
## Outback Engineering

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DATE: NOVEMBER 29, 2019 DRAWN BY: CJV CHECKED BY: JAP SHEET 8 OF 21 SCALE: 1"=50' 100'

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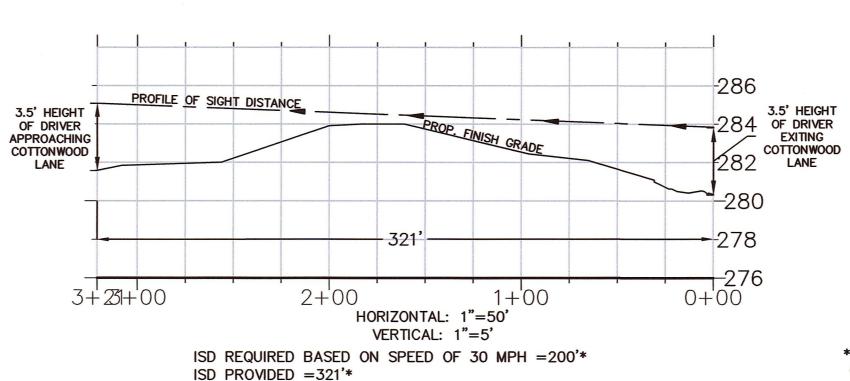
SYCAMORE WAY STOPPING SIGHT DISTANCE SB VEHICLE APPROACHING COTTONWOOD LANE 3.5' HEIGHT OF DRIVER APPROACHING COTONWOOD LANE VERTICAL: 1"=5' SSD REQUIRED BASED ON SPEED OF 30 MPH AND AVG SLOPE OF 1.8% =200'

SSD PROVIDED =298'

SYCAMORE WAY STOPPING SIGHT DISTANCE WB VEHICLE APPROACHING COTTONWOOD LANE

NOTE: NO SSD PROFILE IS PROVIDED FOR VEHICLE APPROACHING COTTONWOOD LANE FROM THE CUL DE SAC BECAUSE THERE IS A CLEAR VIEW OF CUL DE SAC. VISIBLE DISTANCE FROM SYCAMORE WAY AT END CUL DE SAC TO COTTONWOOD LANE=185'±





#### INTERSECTION SIGHT DISTANCE VEHICLE EXITING COTTONWOOD LANE LOOKING EAST

NOTE: NO ISD PROFILE IS PROVIDED FOR VEHICLE APPROACHING COTTONWOOD LANE FROM THE CUL DE SAC BECAUSE THERE IS A CLEAR VIEW OF CUL DE SAC. VISIBLE DISTANCE FROM COTTONWOOD LANE TO END OF SYCAMORE WAY CUL DE SAC=195'

\*PER AASHTO, IF THE AVAILABLE ISD MEETS OR EXCEEDS THE MINIMUM SSD



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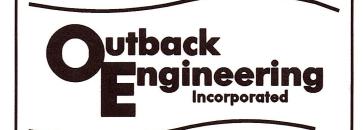
TOWN CLERK-TOWN OF MEDWAY

#### COTTONWOOD LANE

**STOPPING** ANDINTERSECTION SIGHT DISTANCE AT SYCAMORE WAY

> "TIMBER CREST ESTATES" IN

MEDWAY*MASSACHUSETTS* 



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DATE: NOVEMBER 29, 2019 DRAWN BY: CJV CHECKED BY: JAP SCALE: 1"=50' SHEET 9 OF 21

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