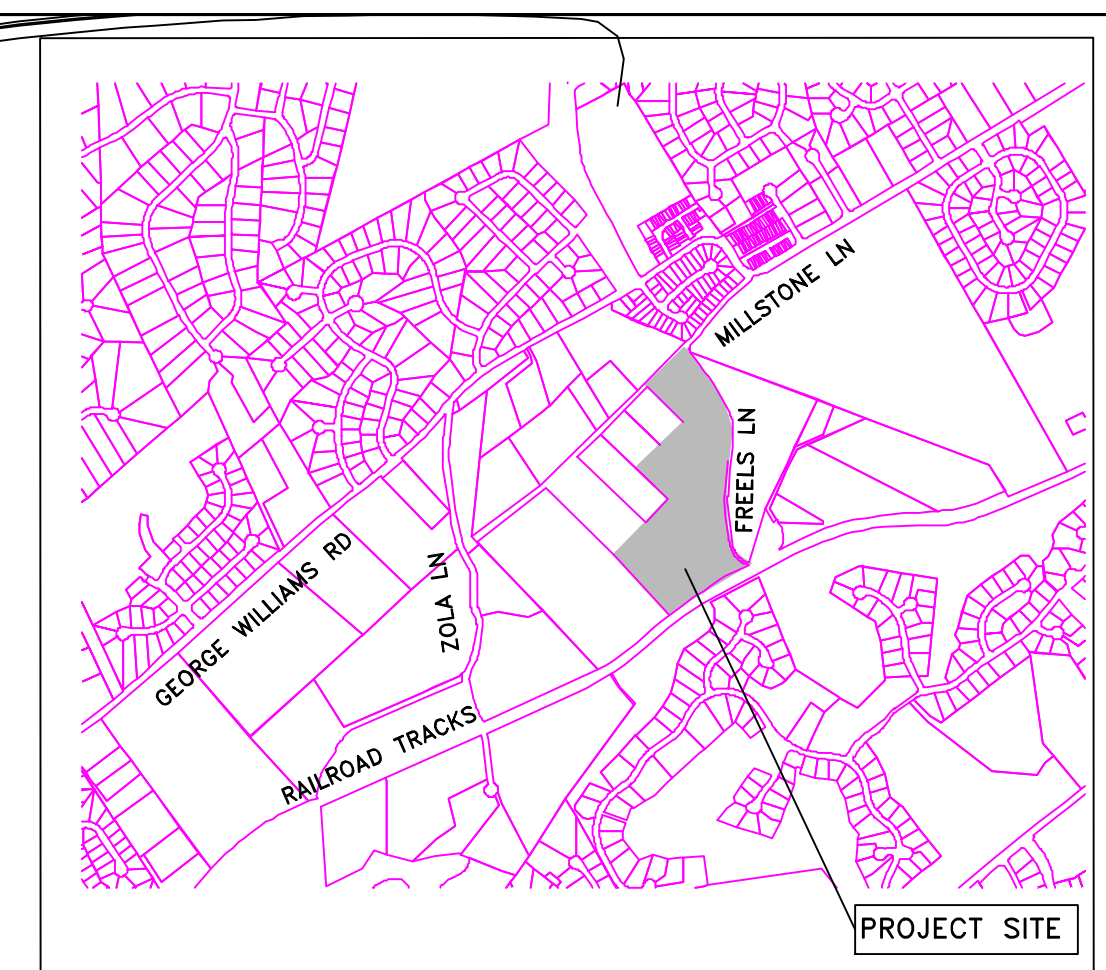
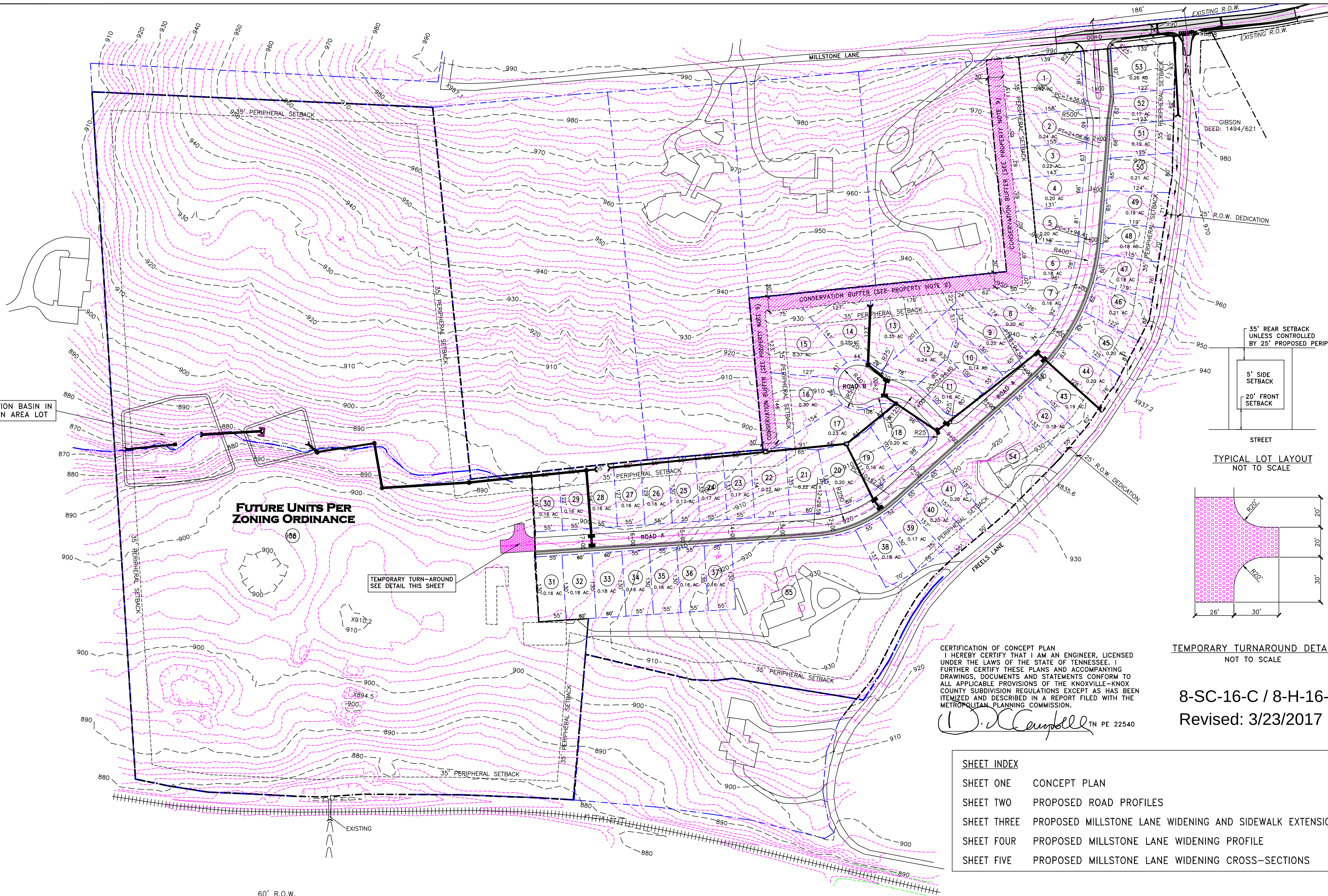
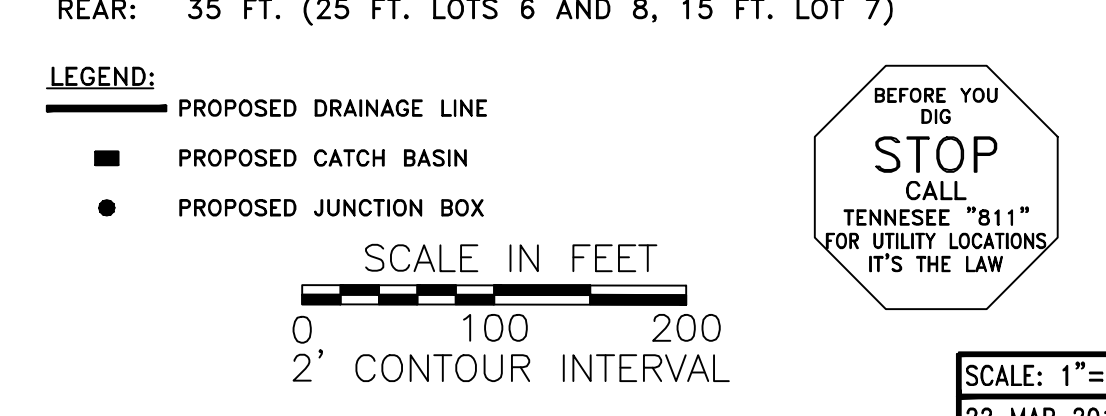




VICINITY MAP
NOT TO SCALE

- GENERAL NOTES:
- CONTRACTOR TO VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES IS BASED ON THE BEST AVAILABLE INFORMATION. CALL TENNESSEE "811" AT LEAST 72 HOURS PRIOR TO CONSTRUCTION ACTIVITIES FOR UTILITIES LOCATION.
 - CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH OSHA REQUIREMENTS FOR SLOPE STABILITY, SHORING, AND SLOPE CONTROL DURING CONSTRUCTION.
 - BACK FILL MUST BE PLACED AND COMPACTED TO 95% OF STANDARD PROCTOR PRIOR TO UTILITY INSTALLATION.
 - CONTRACTOR IS RESPONSIBLE FOR VERIFYING GRADES, ELEVATIONS AND ALIGNMENTS PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES OR INCONSISTENCIES TO IDEAL ENGINEERING SOLUTIONS, INC. AT 755-3575.
 - TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" ISSUED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA, INC.
 - DEMOLITION OF EXISTING STRUCTURES AND ABANDONMENT OF EXISTING UTILITIES TO BE PERMITTED AND COORDINATED WITH KNOX COUNTY.
- PROPERTY NOTES:
- CLT 132 PARCELS 49.09, 49.17, 49.18
 - TOTAL AREA=40.54 ACRES
 - ZONING: PR (3 DU/ACRE)
 - NO. OF LOTS TO BE VEHICULAR=56
 - ALL LOTS TO HAVE VEHICULAR ACCESS TO INTERNAL STREETS ONLY.
 - 10' UTILITY AND DRAINAGE EASEMENTS INSIDE BOUNDARY AND ROAD FRONTAGE LOT LINES, 5' EACH SIDE OF INTERIOR LOT LINES
 - TOPOGRAPHY TAKEN FROM KGIS/SURVEY
 - TRAFFIC CALMING AS REQUIRED BY KNOX COUNTY ENGINEERING AND PUBLIC WORKS.
 - EXISTING TREES AND VEGETATION TO REMAIN IN CONSERVATION BUFFER. ADDITIONAL PLANTING IN CONSERVATION BUFFER WHERE NO VEGETATION EXISTS PER KNOXVILLE-KNOX COUNTY MPC DESIGN GUIDELINES LANDSCAPE, SCREENING TYPE "C".

- SETBACKS:
- FRONT: 20 FT.
SIDE: 5 FT.
REAR: 35 FT. (25 FT. LOTS 6 AND 8, 15 FT. LOT 7)
- LEGEND:
- PROPOSED DRAINAGE LINE
 - PROPOSED CATCH BASIN
 - PROPOSED JUNCTION BOX
- SCALE IN FEET
- 0 100 200
2' CONTOUR INTERVAL
- SCALE: 1"=100'
- 22 MAR 2017

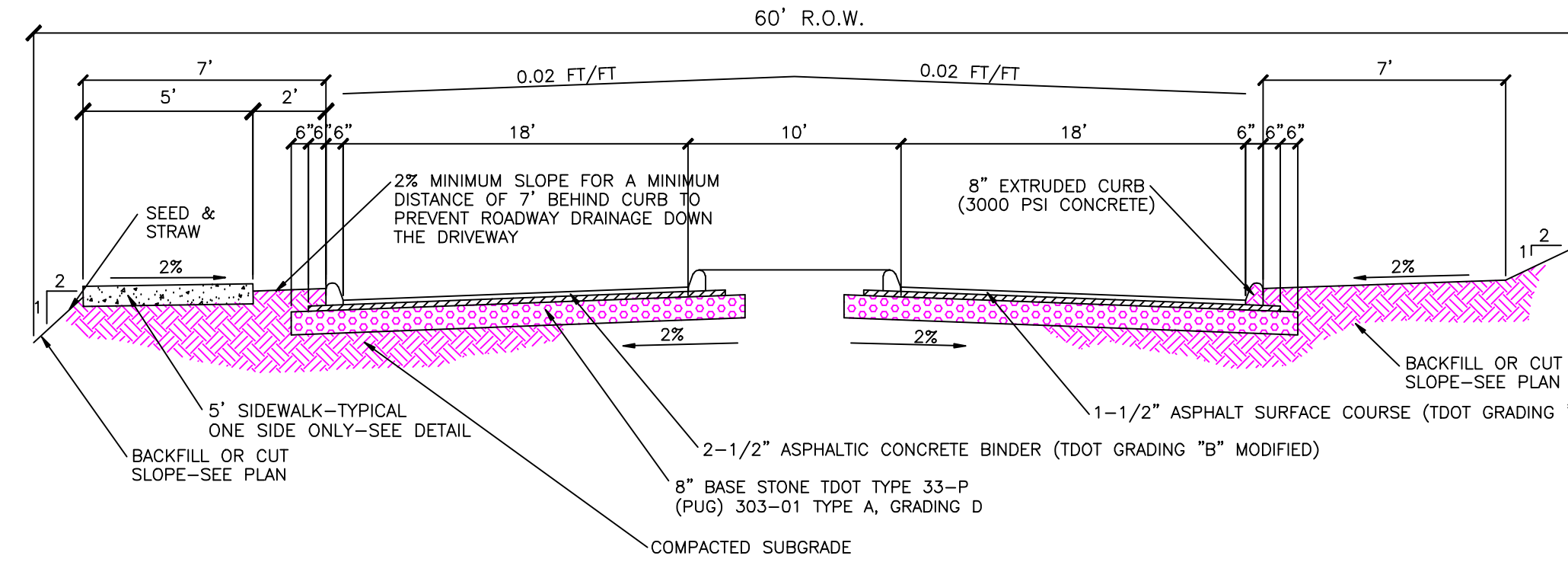


CERTIFICATION OF CONCEPT PLAN
I HEREBY CERTIFY THAT I AM AN ENGINEER, LICENSED UNDER THE LAWS OF THE STATE OF TENNESSEE. I FURTHER CERTIFY THESE PLANS AND ACCOMPANYING DRAWINGS, DOCUMENTS AND STATEMENTS CONFORM TO ALL APPLICABLE PROVISIONS OF THE KNOXVILLE-KNOX COUNTY SUBDIVISION REGULATIONS EXCEPT AS HAS BEEN ITEMIZED AND DESCRIBED IN A REPORT FILED WITH THE METROPOLITAN PLANNING COMMISSION.

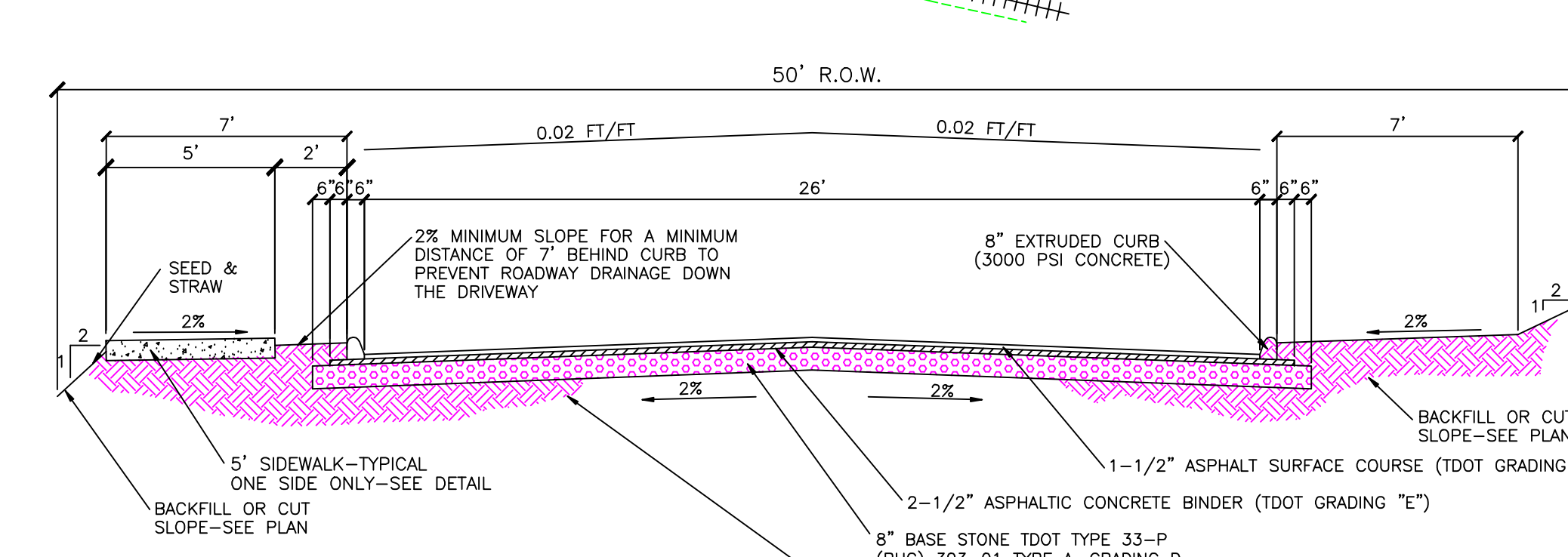
[Signature] TN PE 22540

8-SC-16-C / 8-H-16-UR
Revised: 3/23/2017

SHEET INDEX	
SHEET ONE	CONCEPT PLAN
SHEET TWO	PROPOSED ROAD PROFILES
SHEET THREE	PROPOSED MILLSTONE LANE WIDENING AND SIDEWALK EXTENSION PLAN
SHEET FOUR	PROPOSED MILLSTONE LANE WIDENING PROFILE
SHEET FIVE	PROPOSED MILLSTONE LANE WIDENING CROSS-SECTIONS



TYPICAL BOULEVARD ROAD CROSS SECTION STA 0+00 - 1+14
NOT TO SCALE



TYPICAL KNOX COUNTY ROAD CROSS SECTION
NOT TO SCALE



NOTE:
CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH SAFETY
Contractor shall shore and brace all open cut trenches as required by State and Federal Laws and Local Ordinances; to conform with recommendations set forth in AGC Manual of Accident Prevention in Construction; to protect life, property, or work; to avoid excessively wide cuts in unstable material.
OSHA RULES SHALL BE ABIDED BY

SHEET ONE

CONCEPT PLAN

MILLSTONE - PHASE ONE

KNOX COUNTY, TENNESSEE

Prepared For:

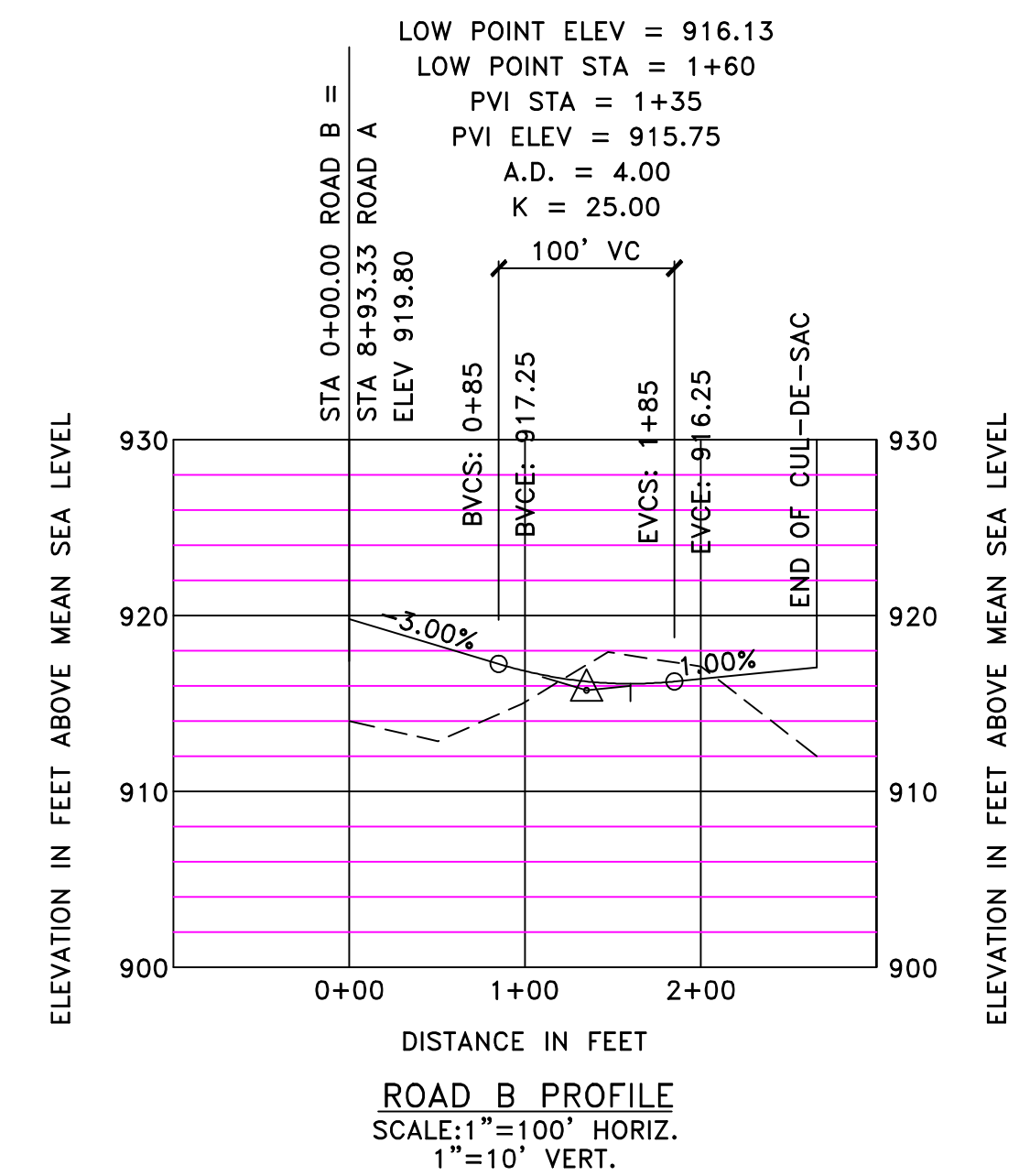
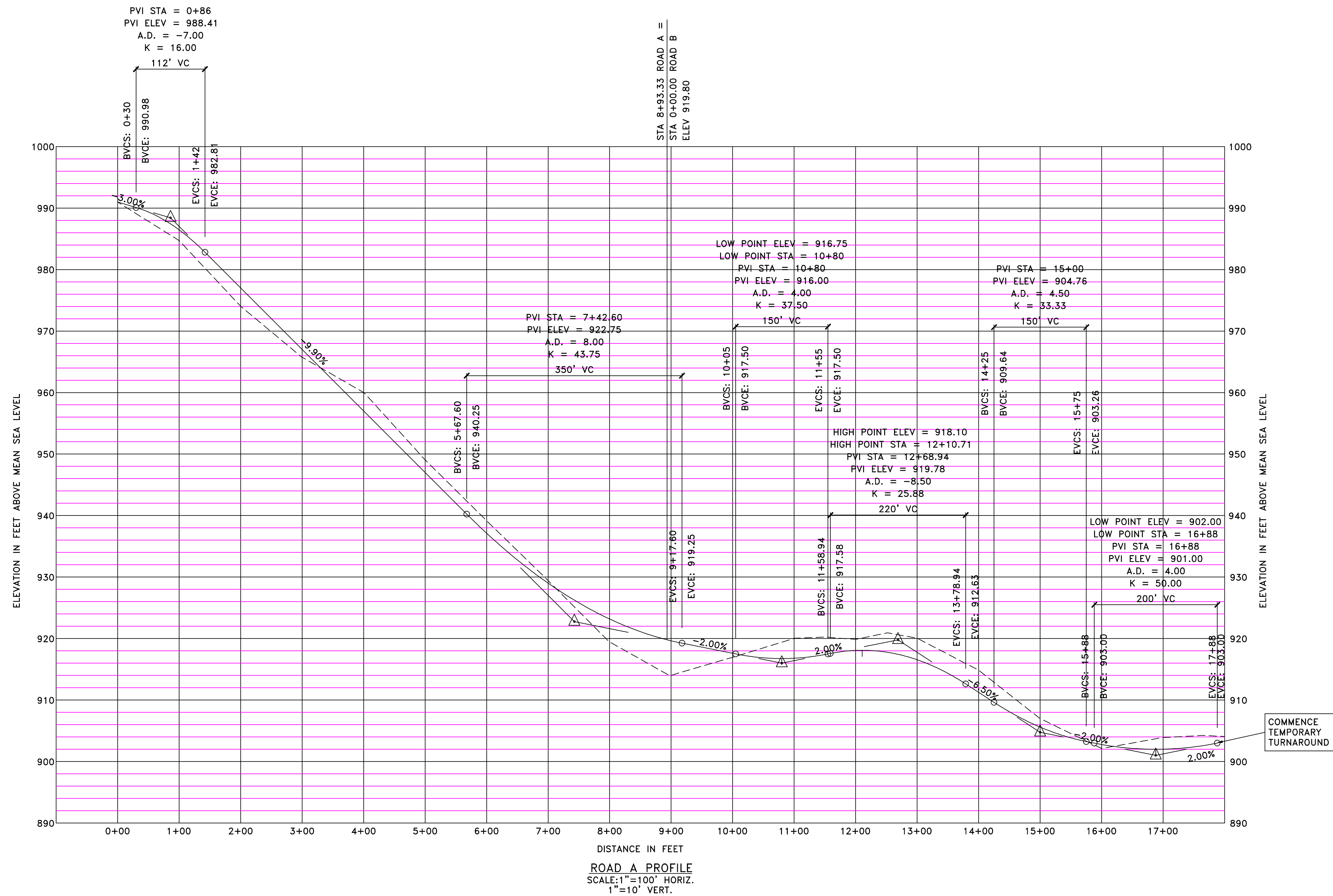
Volunteer Development, LLC
405 Montbrook Lane
Knoxville, Tennessee 37919
(865) 454-3727

Planning Agency:

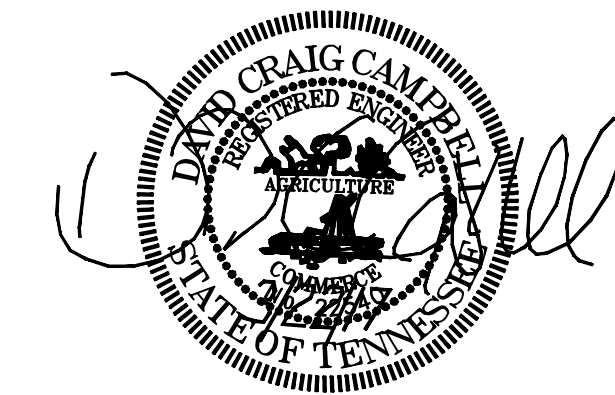
Knoxville-Knox County MPC
400 Main Street, Suite 403
Knoxville, Tennessee 37902
(865) 215-2500

IDEAL ENGINEERING SOLUTIONS INCORPORATED

Ideal Engineering Solutions, Inc.
325 Wooded Lane
Knoxville, Tennessee 37922
(865) 755-3575



8-SC-16-C / 8-H-16-UR
Revised: 3/23/2017



NOTE:
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OSHA RULES SHALL BE ABIDED BY

22 MAR 2017

SHEET TWO

PROPOSED ROAD PROFILES

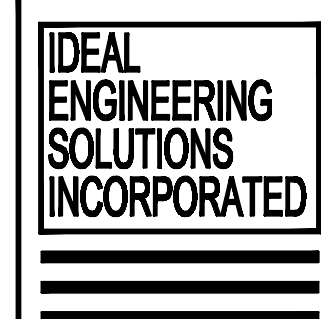
MILLSTONE - PHASE ONE
KNOX COUNTY, TENNESSEE

Prepared For:

Volunteer Development, LLC
405 Montbrook Lane
Knoxville, Tennessee 37919
(865) 454-3727

Planning Agency:

Knoxville-Knox County MPC
400 Main Street, Suite 403
Knoxville, Tennessee 37902
(865) 215-2500



Ideal Engineering Solutions, Inc.
325 Wooded Lane
Knoxville, Tennessee 37922
(865) 755-3575

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GENERAL NOTES

1. CONTRACTOR TO VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES IS BASED ON THE BEST AVAILABLE INFORMATION. CALL TENNESSEE "811" AT LEAST 72 HOURS PRIOR TO CONSTRUCTION ACTIVITIES FOR UTILITIES LOCATION.
2. CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH OSHA REQUIREMENTS FOR SLOPE STABILITY, SHORING, AND SLOPE CONTROL DURING CONSTRUCTION.
3. BACK FILL MUST BE PLACED AND COMPACTED TO 95% OF STANDARD PROCTOR PRIOR TO UTILITY INSTALLATION.
4. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS AND ALIGNMENTS PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES OR INCONSISTENCIES TO IDEAL ENGINEERING SOLUTIONS, INC. AT 755-3575.
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7. DEMOLITION OF EXISTING STRUCTURES AND ABANDONMENT OF EXISTING UTILITIES TO BE PERMITTED AND COORDINATED WITH KNOX COUNTY.



8-SC-16-C / 8-H-16-UR

Revised: 3/23/2017

SCALE: 1"=20'
22 MAR 2017

SHEET THREE

PROPOSED MILLSTONE LANE WIDENING AND SIDEWALK EXTENSION PLAN

MILLSTONE - PHASE ONE

KNOX COUNTY, TENNESSEE

Prepared For:

Volunteer Development, LLC
405 Montbrook Lane
Knoxville, Tennessee 37919
(865) 454-3727

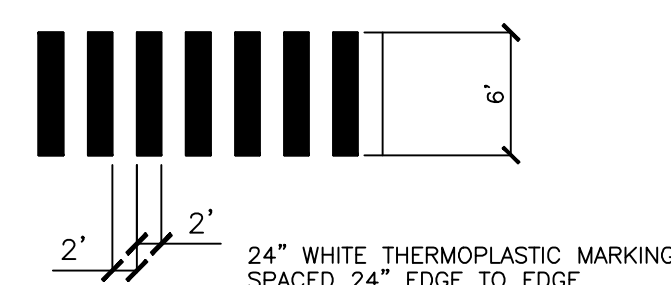
Planning Agency:

Knoxville-Knox County MPC
400 Main Street, Suite 403
Knoxville, Tennessee 37902
(865) 215-2500

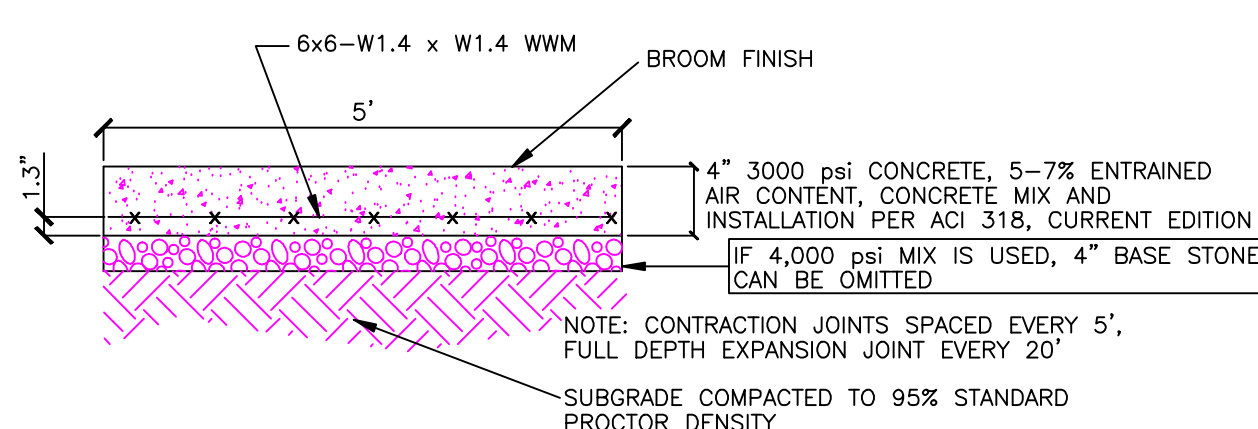
**IDEAL
ENGINEERING
SOLUTIONS
INCORPORATE**

Ideal Engineering Solutions, Inc.
325 Wooded Lane
Knoxville, Tennessee 37922
(865) 755-3575

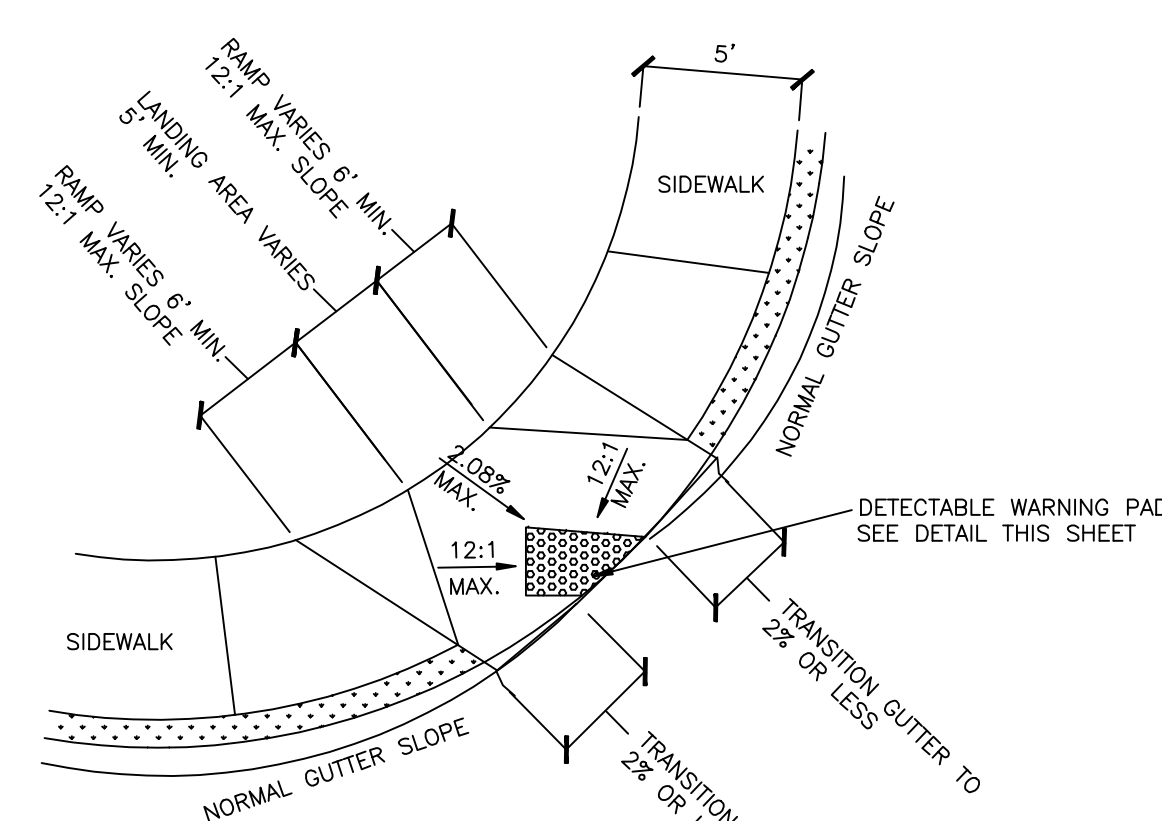
COPYRIGHT 2016



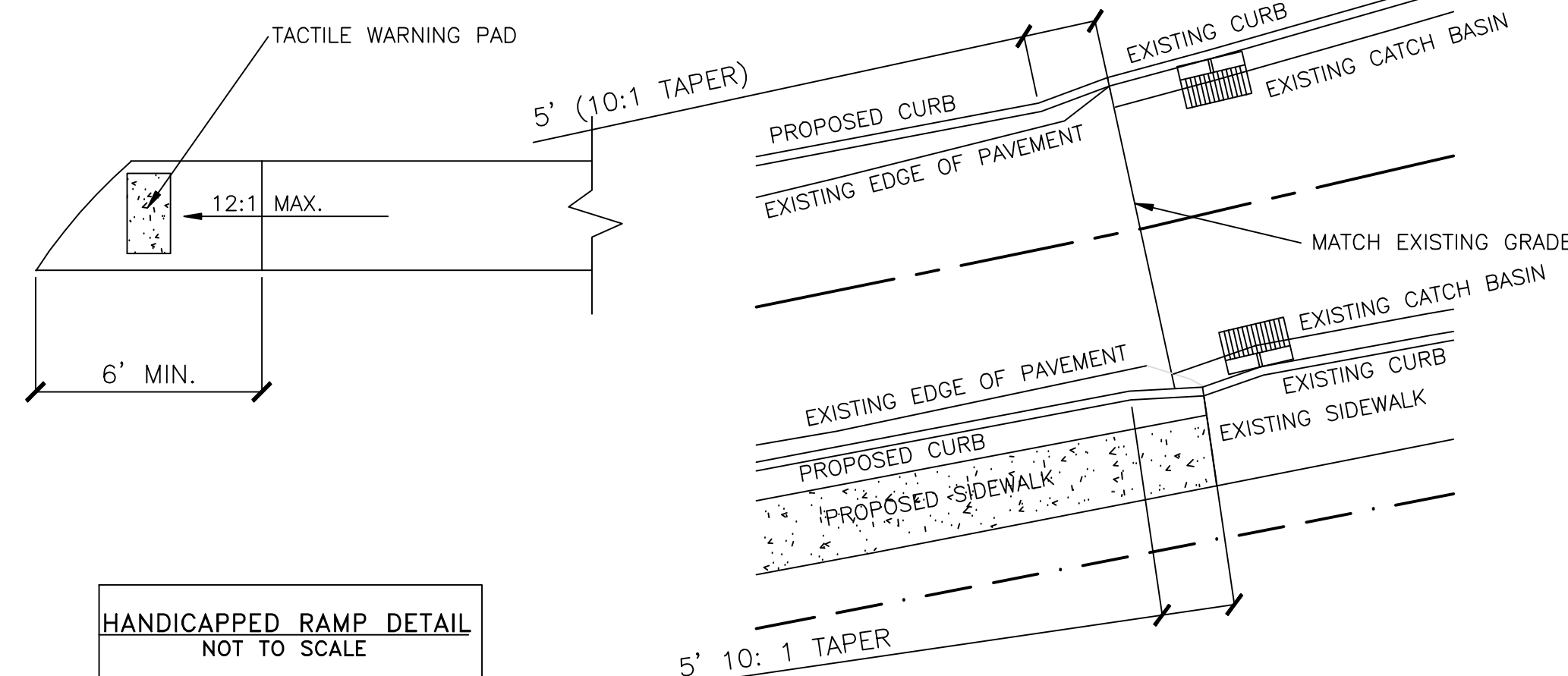
CROSSWALK MARKING WITH
LONGITUDINAL LINES
NOT TO SCALE



SIDEWALK DETAIL
NOT TO SCALE



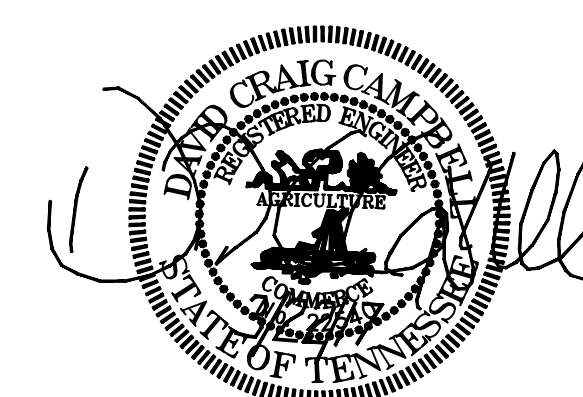
HANDICAPPED RAMP DETAIL
NOT TO SCALE



HANDICAPPED RAMP DETAIL
NOT TO SCALE

SCALE IN FEET

0 20 40
2' CONTOUR INTERVAL

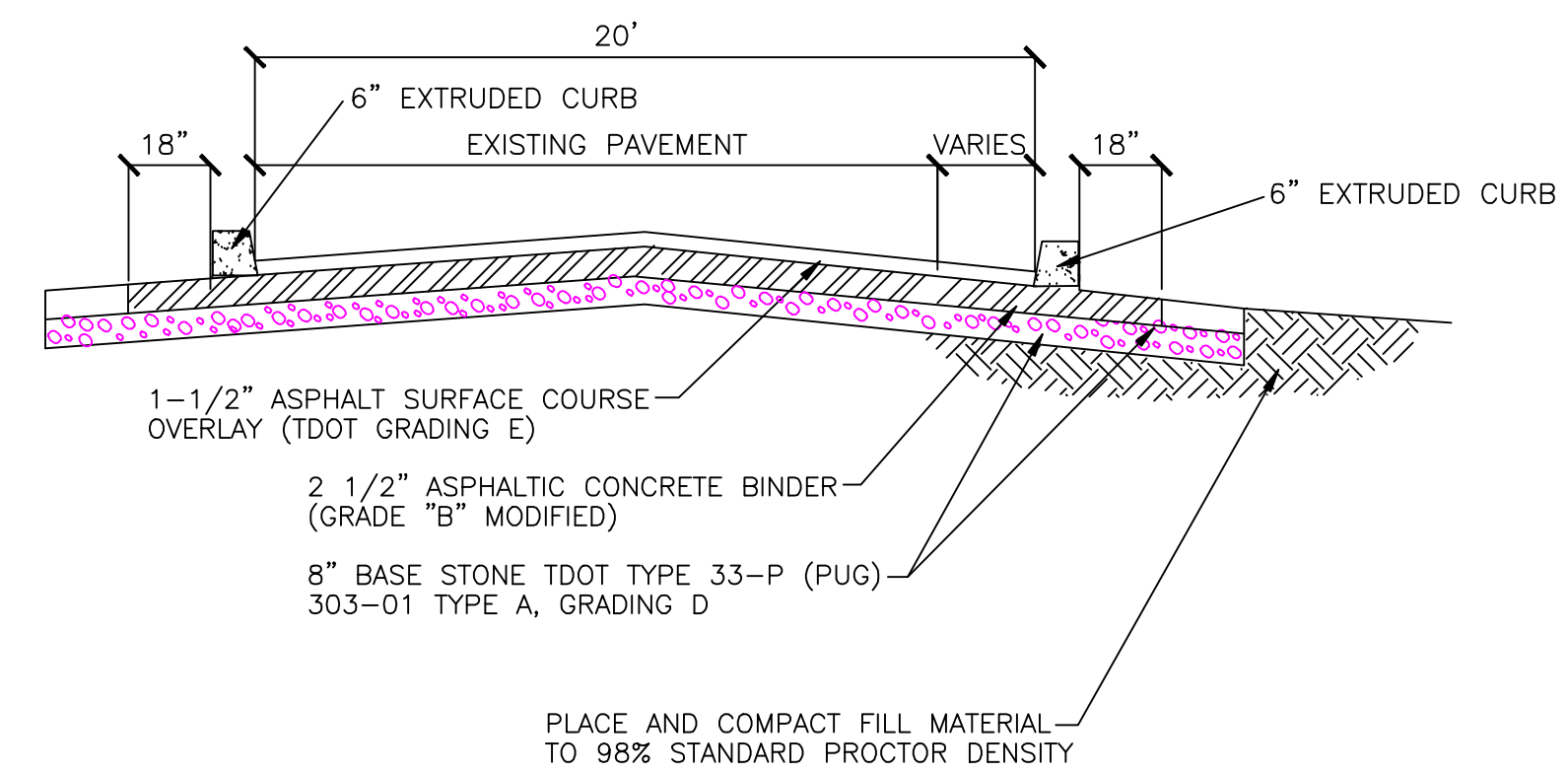


NOTE:

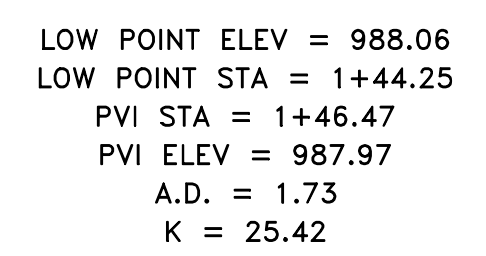
CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH SAFETY

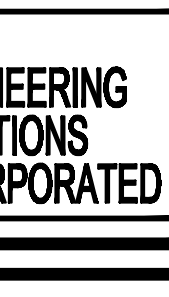
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OSHA RULES SHALL BE ABIDED BY



BEFORE YOU
DIG
STOP
CALL
TENNESSEE "811"
FOR UTILITY LOCATIONS
IT'S THE LAW



SHEET FOUR	
PROPOSED MILLSTONE LANE WIDENING PROFILE	
MILLSTONE - PHASE ONE KNOX COUNTY, TENNESSEE	
Prepared For:	
Volunteer Development, LLC 405 Montbrook Lane Knoxville, Tennessee 37919 (865) 454-3727	
Planning Agency:	
Knoxville-Knox County MPC 400 Main Street, Suite 403 Knoxville, Tennessee 37902 (865) 215-2500	
	Ideal Engineering Solutions, Inc. 325 Wooded Lane Knoxville, Tennessee 37922 (865) 755-3575
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