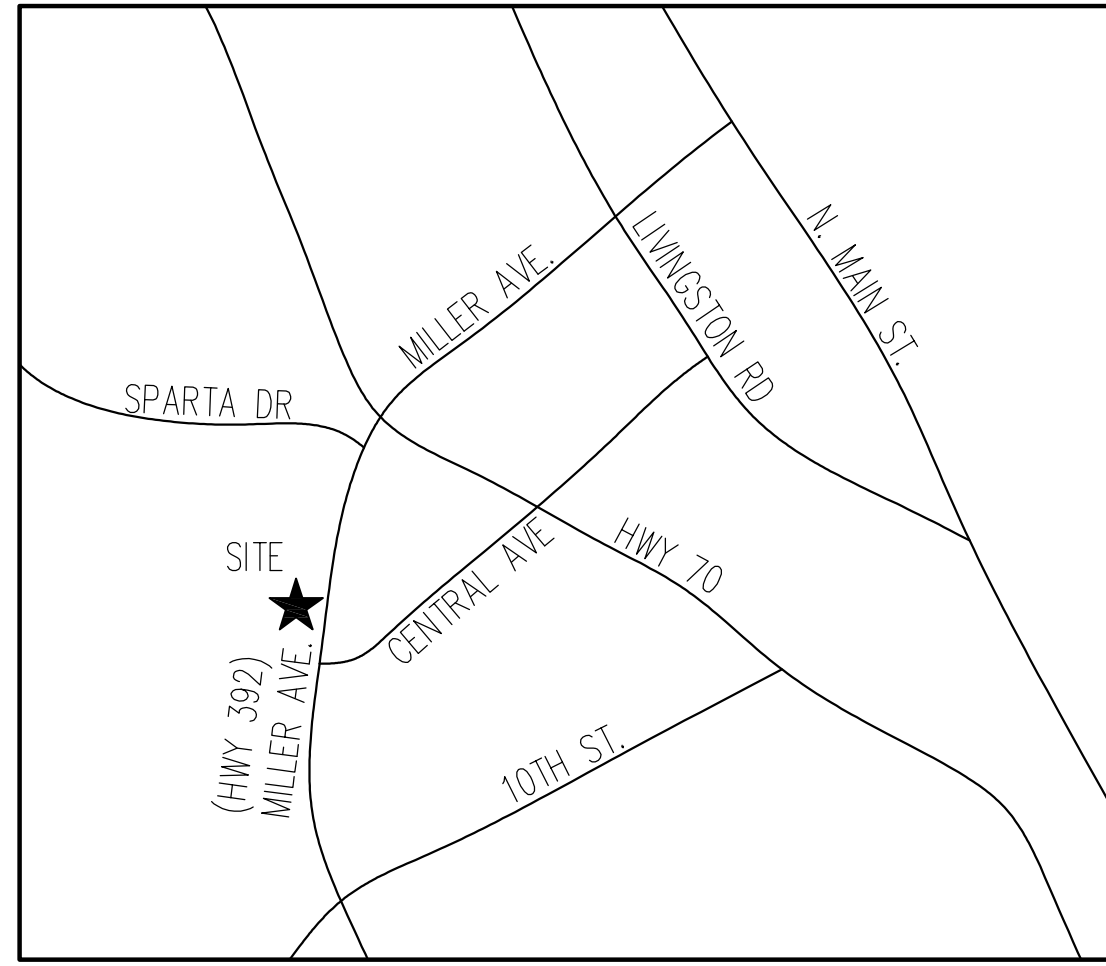


QUALLS FAMILY DENTISTRY MILLER AVE. CROSSVILLE, TN



LOCATION MAP
NTS

CITY OF CROSSVILLE DESIGN CODES/EDITION:

BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE
 RESIDENTIAL CODE: 2018 INTERNATIONAL RESIDENTIAL CODE
 ENERGY CODE: 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 ELECTRICAL CODE: 2017 NATIONAL ELECTRIC CODE
 PLUMBING CODE: 2018 INTERNATIONAL PLUMBING CODE
 MECHANICAL CODE: 2018 INTERNATIONAL MECHANICAL CODE
 FIRE CODE: 2018 INTERNATIONAL FIRE CODE
 HANDICAPPED CODE: 2010 ADA ACCESSIBLE DESIGN CODE

for:
 Qualls Family Dentistry
 Dr. Dylan Qualls, D.D.S.
 66 West Ave.
 Crossville, TN 38555
 (931)200-8626

INDEX OF DRAWINGS:

CV COVER SHEET
 C1 EXISTING SITE LAYOUT
 C2 PROPOSED SITE LAYOUT
 C3 GRADING, DRAINAGE, E.C.
 C4 FINAL GRADING & UTILITY PLAN
 C5 DETAILS

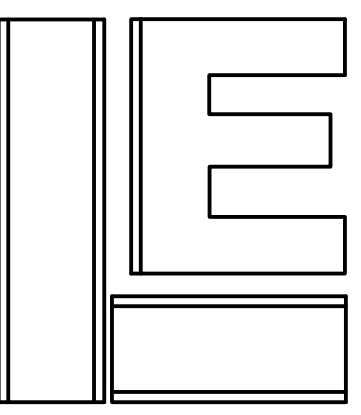
ZONING:
 NONE

SETBACKS:
 FRONT - 50 FT
 SIDE - 12 FT
 REAR - 12 FT

PARKING:
 OFFICE
 REQUIRED: 1 SPACE 200 SQ FT
 REQUIRED: 53 SPACES
 PROVIDED: 64 SPACES

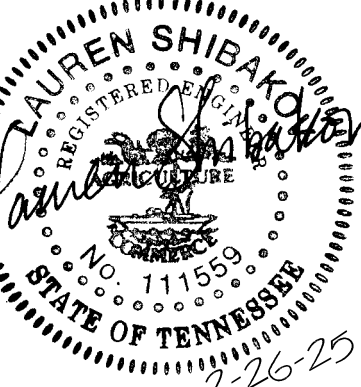
SURVEYOR:
 WILLIAM A. THOMPSON, RLS
 1692 OPEN RANGE RD.
 CROSSVILLE, TN 38555
 (931)200-4852

CIVIL ENGINEER:
 LAUREN ENGINEERING SERVICES
 LAUREN S. SHIBAKOV, P.E.
 P.O. BOX 153
 COOKEVILLE, TN 38503
 (931)319-4739



LAUREN
 ENGINEERING
 SERVICES, PLLC

Lauren Shibakov, P.E.
 PO Box 153
 Cookeville, TN 38503
 (931)319-4739 ph.
 laurenengineering@gmail.com

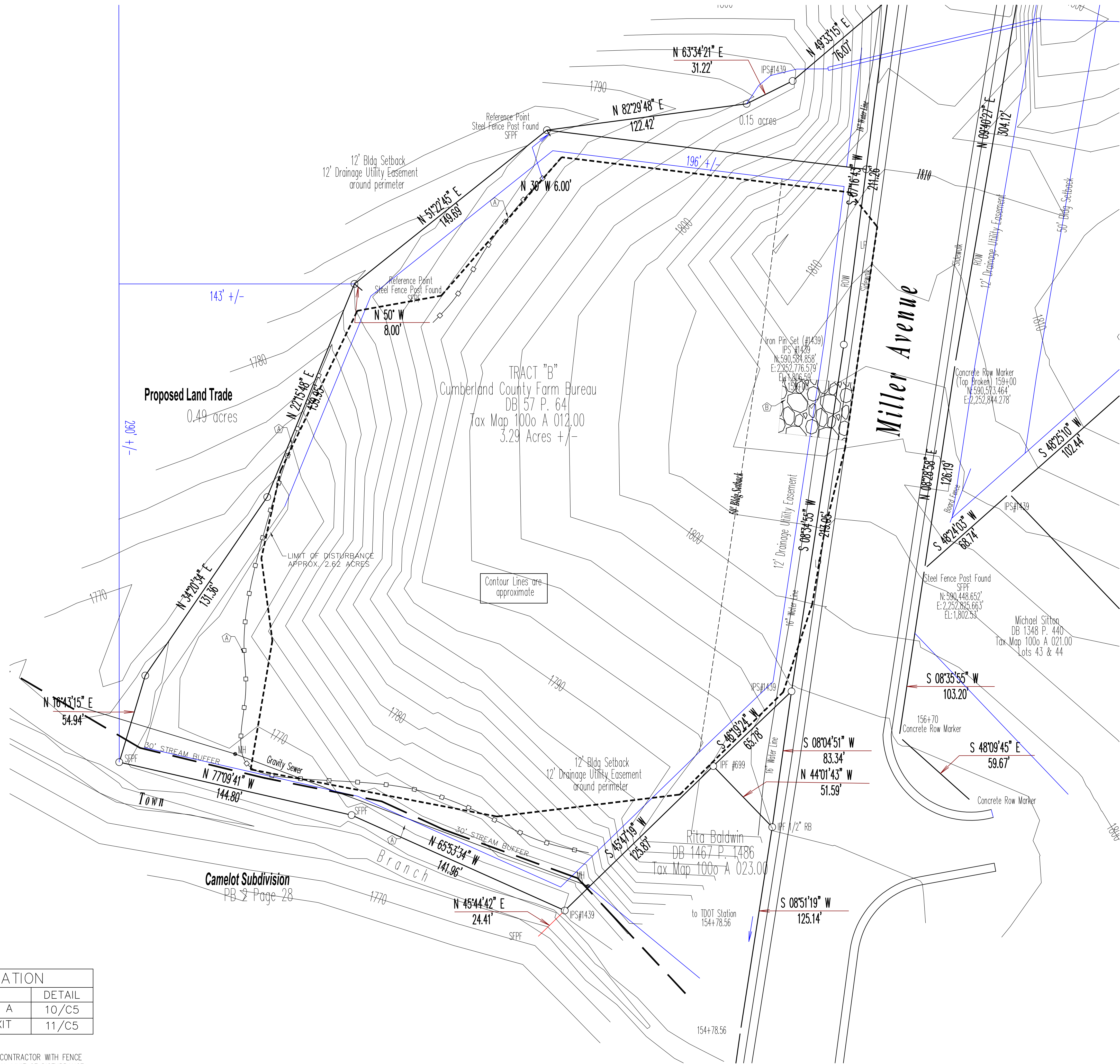
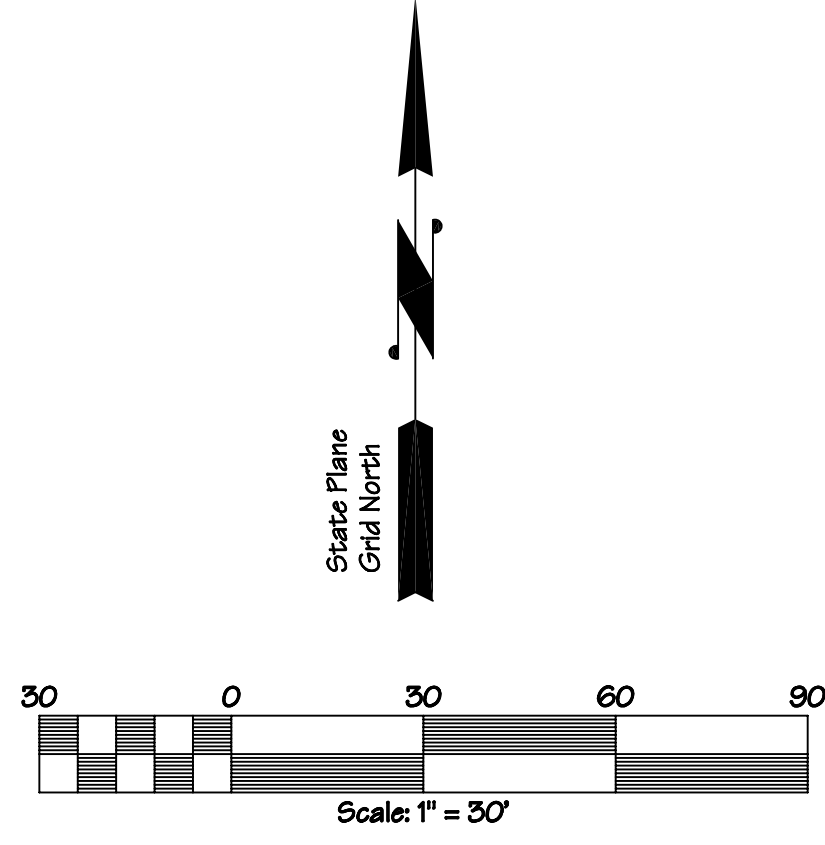


COVER SHEET
 QUALLS FAMILY DENTISTRY
 MILLER AVE.
 CROSSVILLE, TN

Date: October 14, 2024
 Revisions: November 12, 2024
 February 26, 2025

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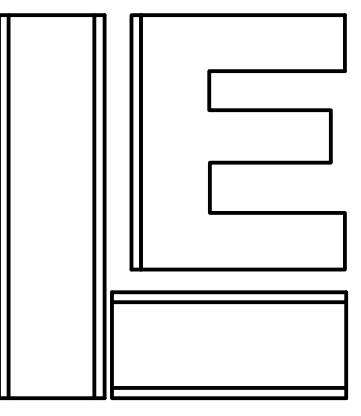
CV



DETAIL INFORMATION		
MARK	DESCRIPTION	DETAIL
(A)	SILT FENCE, TYPE A	10/C5
(B)	CONSTRUCTION EXIT	11/C5

NOTES:
 1. LIMIT OF DISTURBANCE TO BE STAKED OUT BY CONTRACTOR WITH FENCE POSTS PRIOR TO COMMENCEMENT OF CONSTRUCTION. LIMIT OF DISTURBANCE SHALL NOT BE CROSSED DURING THE LIFE OF THE PROJECT.

1
 C1 1:30 **EXISTING SITE LAYOUT**



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Lauren Shibakov, P.E.
 PO Box 153
 Cookeville, TN 38503
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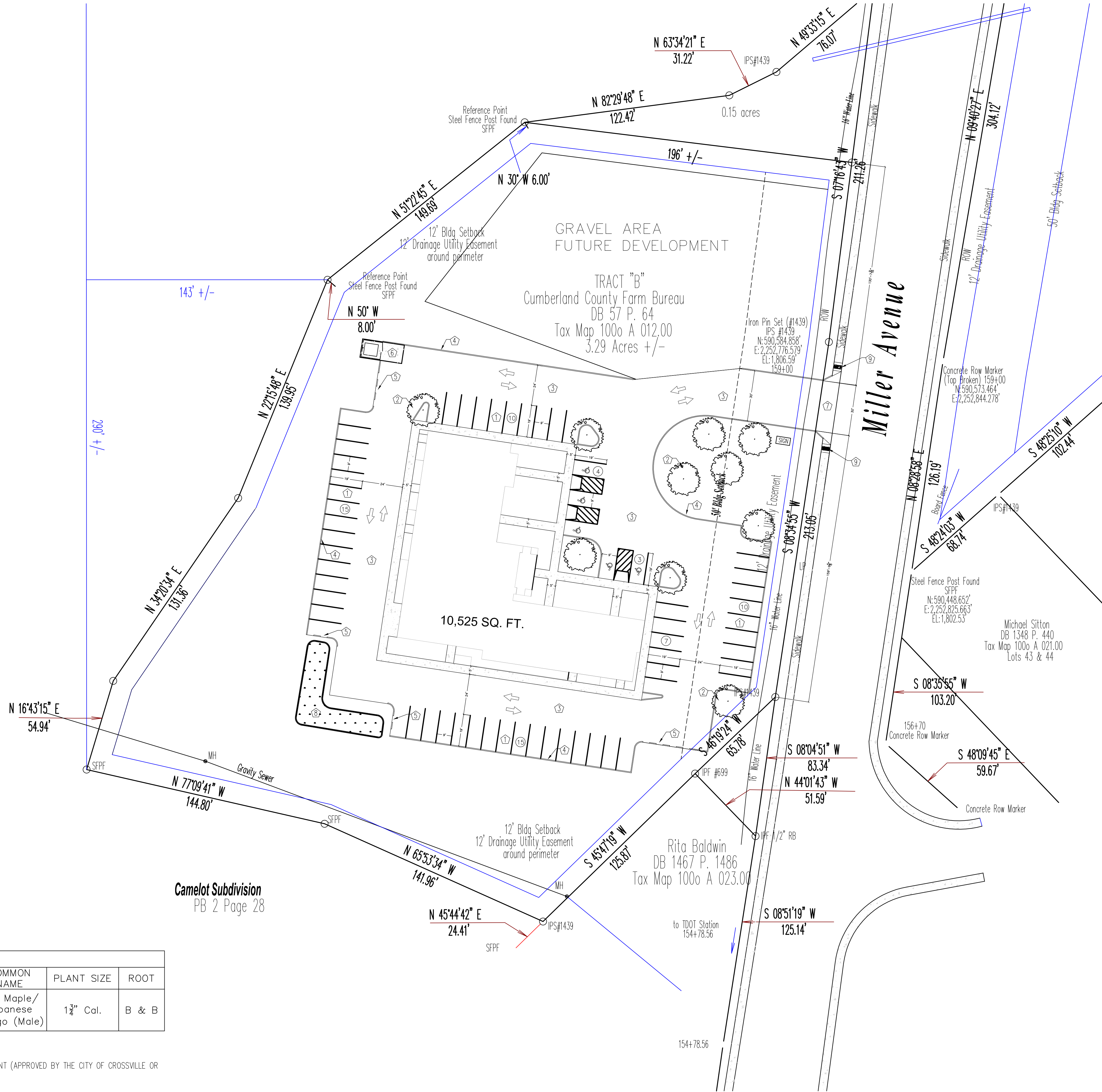
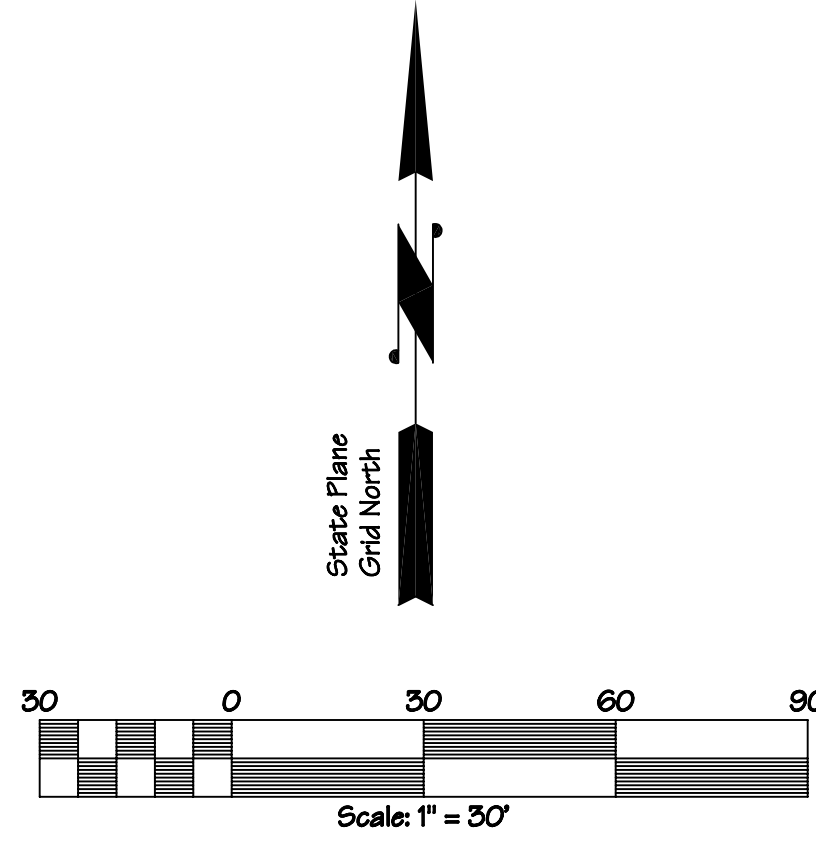
EXISTING SITE LAYOUT
QUALLS FAMILY DENTISTRY
MILLER AVE.
CROSSVILLE, TN

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C1

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION. THE LOCATION OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.



DETAIL INFORMATION		
MARK	DESCRIPTION	DETAIL
①	PARKING	1/C5
②	LANDSCAPING	2/C5
③	ASPHALT PAVING	3/C5
④	CURBING	4/C5
⑤	CURB CUT	5/C5
⑥	DUMPSTER PAD	6/C5
⑦	ENTRANCE	7/C5
⑧	DETENTION POND	8/C5
⑨	TRUNCATED DOMES	9/C5

PLANT LIST						
KEY	TYPE	QUANTITY	BOTANICAL NAME	COMMON NAME	PLANT SIZE	ROOT
	DECIDUOUS SHADE TREE (SEE NOTE 1)	10	50% Acer rubrum 50% Ginkgo biloba	Red Maple/ Japanese Ginkgo (Male)	1 3/4" Cal.	B & B

- NOTES:
1. THE DECIDUOUS AND ORNAMENTAL SHADE TREES MAY BE SUBSTITUTED FOR ANY ACCEPTABLE EQUIVALENT (APPROVED BY THE CITY OF CROSSVILLE OR LAUREN ENGINEERING) AND CAN BE PLACED IN ANY COMBINATION.
 2. LANDSCAPING CONTRACTOR TO ENSURE THAT GINKGO TREE, IF USED, IS MALE.
 3. TREE & SHRUB TYPES TO BE APPROVED BY CITY OF CROSSVILLE ENGINEERING DEPARTMENT, LAUREN ENGINEERING, OR AN APPROVED LANDSCAPE ARCHITECT.
 4. A KNOX BOX SHALL BE PROVIDED FOR THE BUILDING, AND SHALL BE COORDINATED WITH THE CITY OF CROSSVILLE FIRE DEPARTMENT.
 5. ANY PROPOSED SIGN SHALL NOT OVERHANG TDOT PROPERTY LINE.
 6. CURB TO BE TAPERED DOWN AT 12:1 AT THE ROAD, PER TDOT STANDARDS.
 7. ALL DRIVEWAYS TO MEET TDOT INTERSECTION SITE DISTANCE STANDARDS.

1
C2 **PROPOSED SITE LAYOUT**
1:30

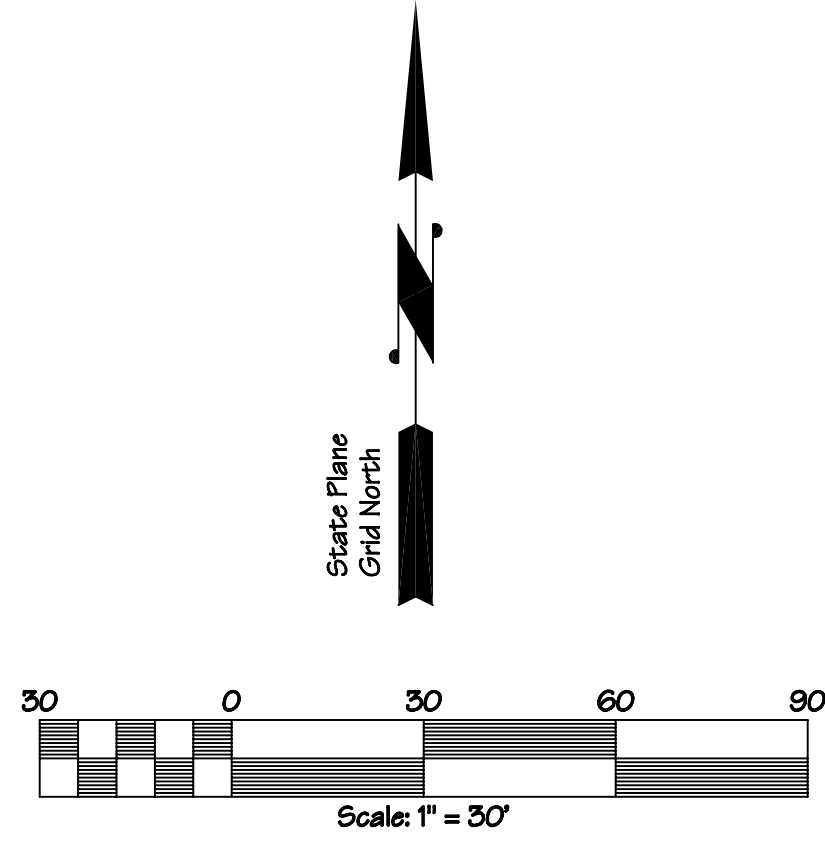
LAUREN ENGINEERING SERVICES, PLLC
 Lauren Shibakov, P.E.
 PO Box 153
 Cookeville, TN 38503
 (931)319-4739 ph.
 laurenengineering@gmail.com

PROPOSED SITE LAYOUT
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C2



DETAIL INFORMATION		
MARK	DESCRIPTION	DETAIL
(A)	SILT FENCE, TYPE A	10/C5
(B)	CONSTRUCTION EXIT	11/C5

EROSION CONTROL NOTES:

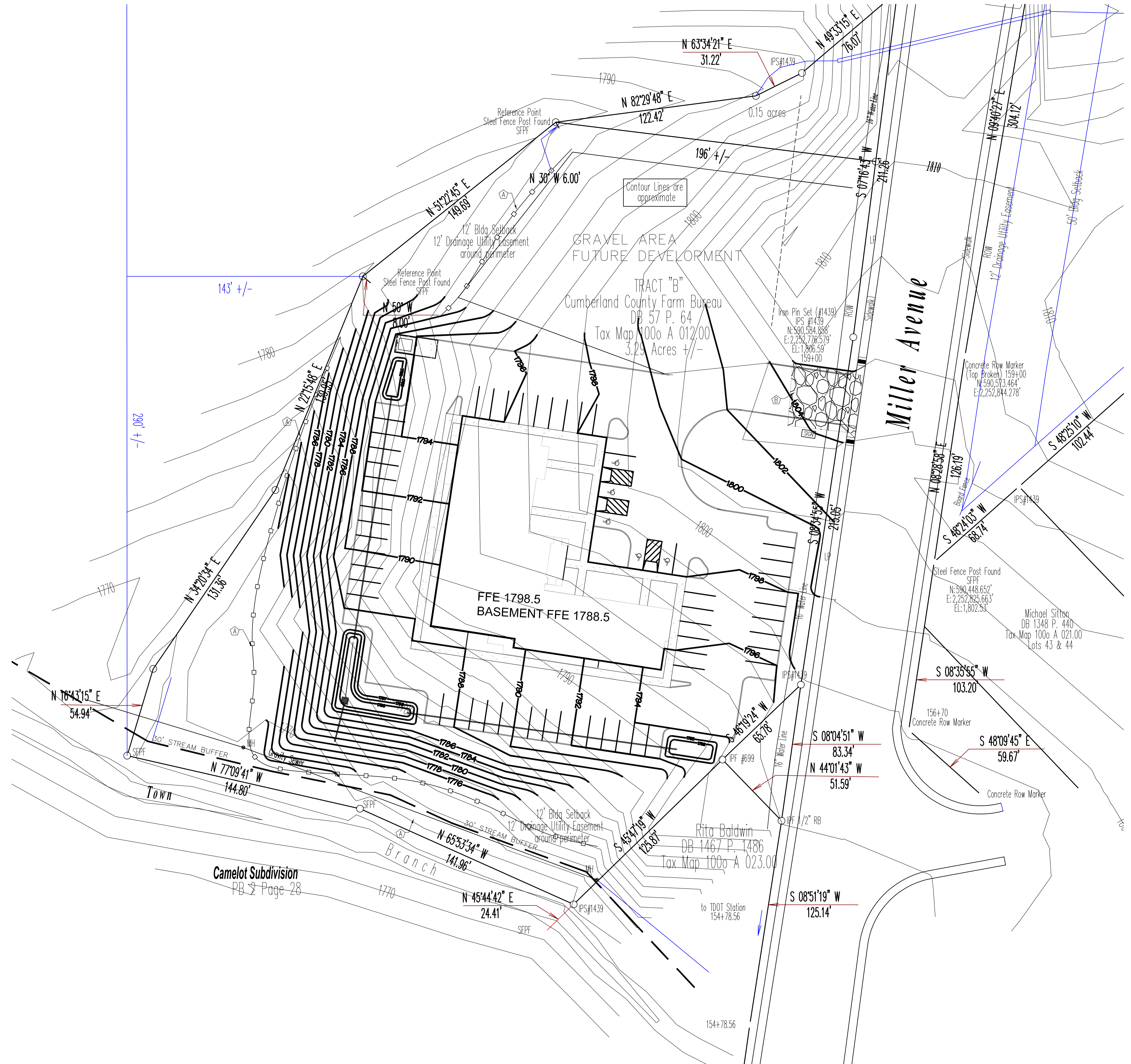
1. OWNER IS RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND EROSION CONTROL MEASURES UNTIL SUCH TIME THAT THE SITE IS PERMANENTLY STABILIZED.
2. ALL DISTURBED GROUND COVER IS TO BE SEEDED AND STRAWED, SODDED, OR COVERED IN EROSION CONTROL FABRIC.
3. UPON STABILIZATION OF THE GROUND, SILT FENCE IS TO BE REMOVED AND DISCARDED.
4. IF EROSION CONTROL MEASURES INDICATED ON THIS PLAN ARE FOUND TO BE INADEQUATE, IT IS THE RESPONSIBILITY OF THE OWNER TO CONTACT THE ENGINEER FOR RESOLUTION.
5. THE SITE SHALL BE STABILIZED WITHIN 14 DAYS (7 DAYS W/ SLOPES > OR = 35%) WHERE CONSTRUCTION HAS BEEN TEMPORARILY OR PERMANENTLY CEASED.

DRAINAGE NOTES:

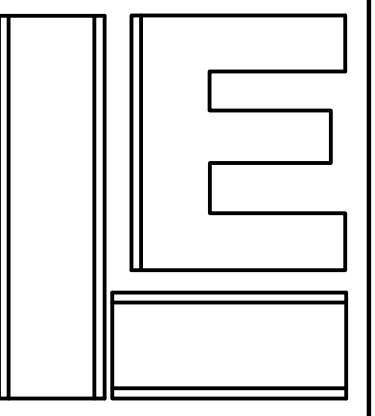
1. POSITIVE DRAINAGE IS TO BE PROVIDED AWAY FROM THE BUILDING.
2. RUNOFF FROM ALL DOWN SPOUTS IS TO DRAIN TO OR BE PIPED TO THE BIORETENTION POND.
3. ALL CATCH BASINS IN PAVED AREAS ARE TO HAVE TRAFFIC RATED GRATES.
4. THERE WILL BE NO INCREASE IN THE Q50 RUNOFF FROM THE DEVELOPMENT ONTO TOWN BRANCH.

OTHER NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN THE PLANS PRIOR TO PROCEEDING ON THE WORK. IF THE ENGINEER IS NOT NOTIFIED, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE DISCREPANCY.
2. NO WORK SHALL COMMENCE UNTIL THE STORM WATER POLLUTION PREVENTION PLAN AND NOTICE OF INTENT HAS BEEN APPROVED BY THE CITY OF COOKEVILLE. THE CONTRACTOR SHALL KEEP A COPY OF THE NOTICE OF COVERAGE AND THE APPROVED PLANS ON SITE.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4. ANY STOCK PILE OR TOPSOIL PILE IS TO BE PROTECTED SUCH THAT NO SEDIMENT IS WASHED FROM THE PILE. SILT FENCE IS TO BE PLACED ON THE LOWER END OF THE PILE. TOPSOIL OR ANY OTHER STOCKPILES NEED TO BE WITHIN THE LIMITS OF DISTURBANCE.
5. ANY IMPORT OR EXPORT FROM THE SITE MUST BE GOING TO OR COMING FROM A TDEC PERMITTED SITE.
6. SEED AND STRAW ALL DISTURBED AREAS.

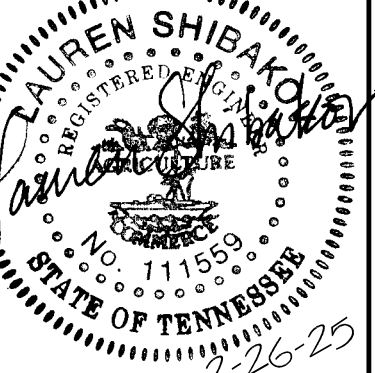


1 GRADING, DRAINAGE, & E.C.
C3 1:30



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PO Box 153
Cookeville, TN 38503
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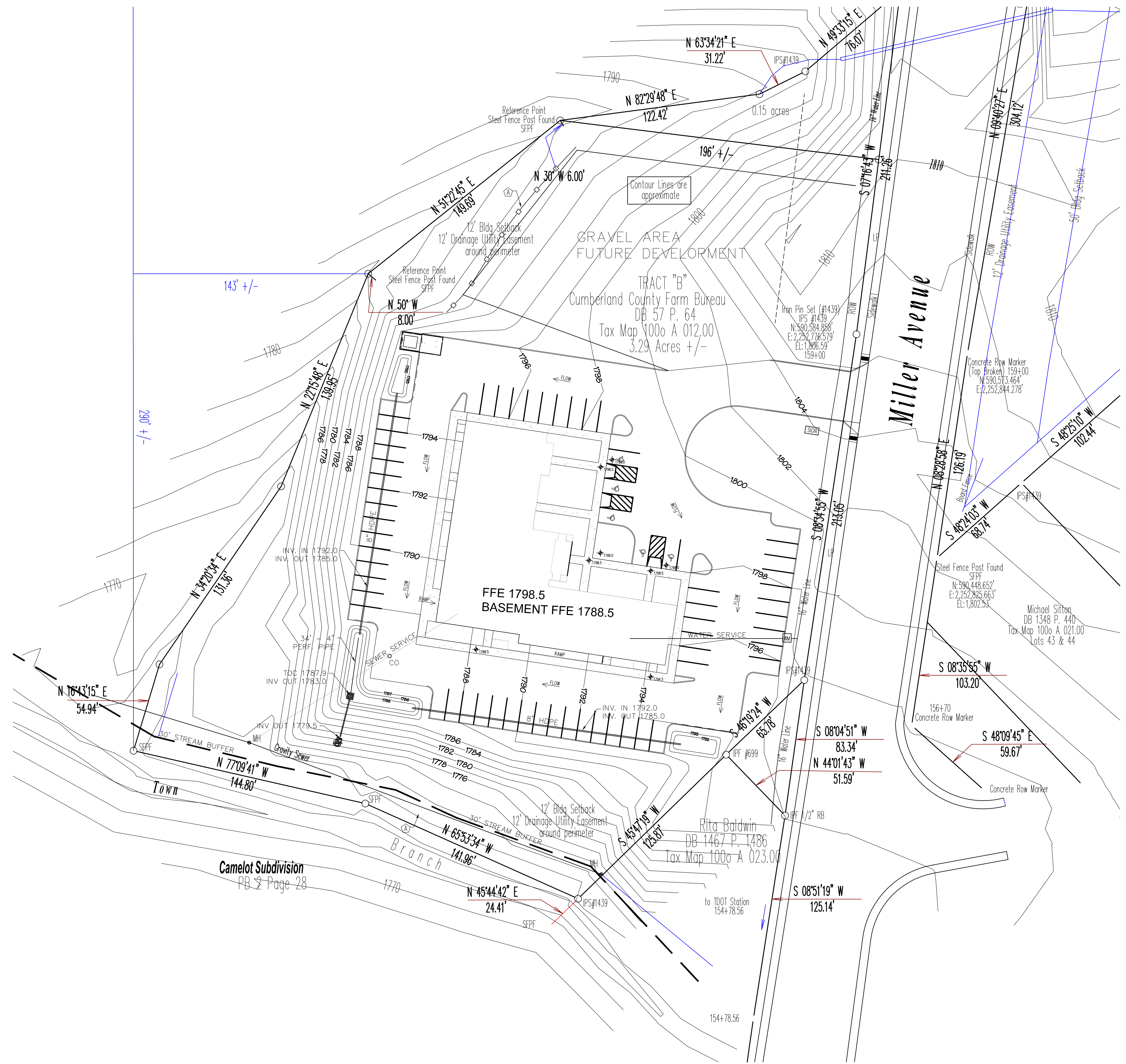
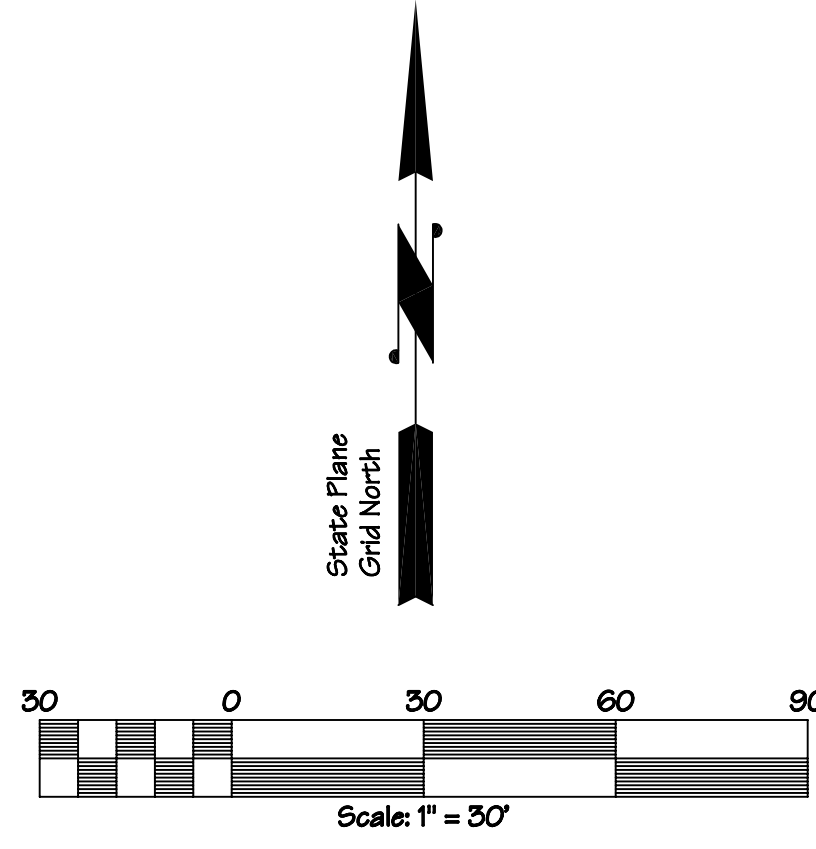


GRADING, DRAINAGE, & EROSION CONTROL
QUALLS FAMILY DENTISTRY
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CROSSVILLE, TN

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C3



UTILITY NOTES:
 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN THE PLANS PRIOR TO PROCEEDING ON THE WORK. IF THE ENGINEER IS NOT NOTIFIED, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE DISCREPANCY.
 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 3. UTILITY INSTALLATION IS TO MEET CITY OF CROSSVILLE STANDARDS. CONTACT THE FOLLOWING CITY OF CROSSVILLE UTILITIES TO COORDINATE UTILITY INSTALLATION PRIOR TO COMMENCEMENT OF ANY UTILITY CONSTRUCTION:
 4. TRANSFORMER LOCATION TO BE DETERMINED BY THE CITY OF CROSSVILLE ELECTRIC DEPARTMENT.
 5. ALL UTILITY TRENCHES MUST BE FILLED WITH COMPACTED STONE.

WATER & SEWER:
 CATOOSA UTILITY DEPARTMENT (931)277-5126
 ELECTRIC:
 VOLUNTEER ENERGY COOPERATIVE (931)484-3527
 GAS:
 MIDDLE TN NATURAL GAS (833)438-6864

Camelot Subdivision
 PB 2 Page 28

1 FINAL GRADING & UTILITY
 C3 1:30

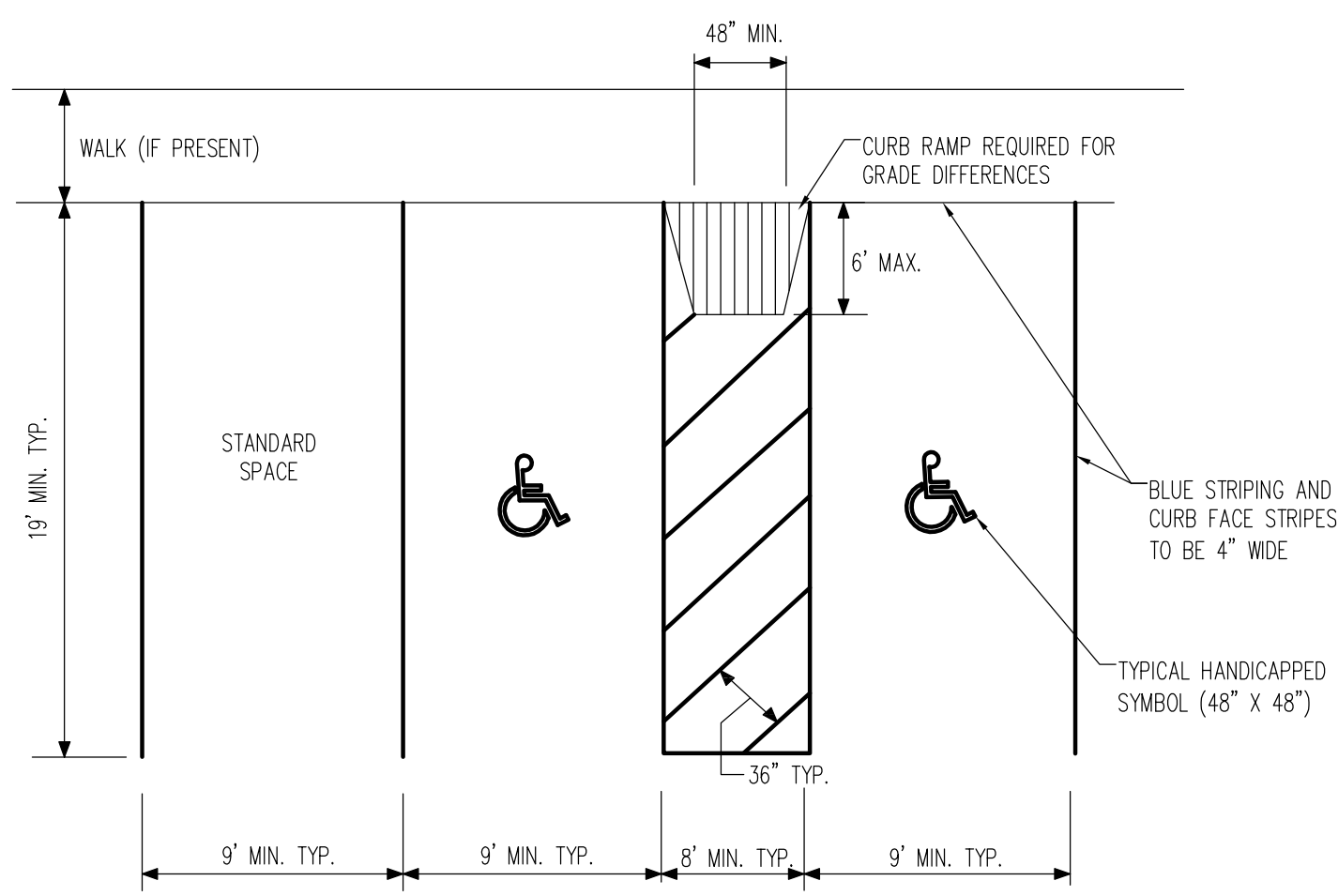
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FINAL GRADING & UTILITY
**QUALLS FAMILY DENTISTRY
 MILLER AVE.
 CROSSVILLE, TN**

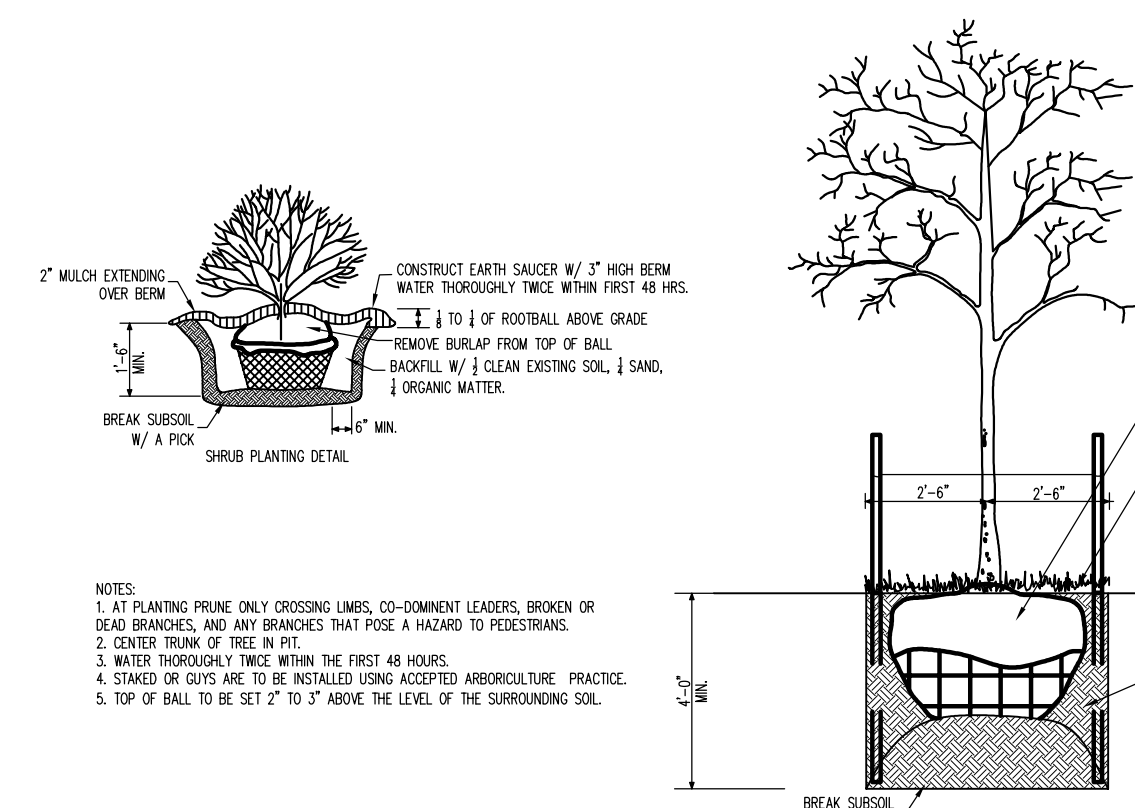
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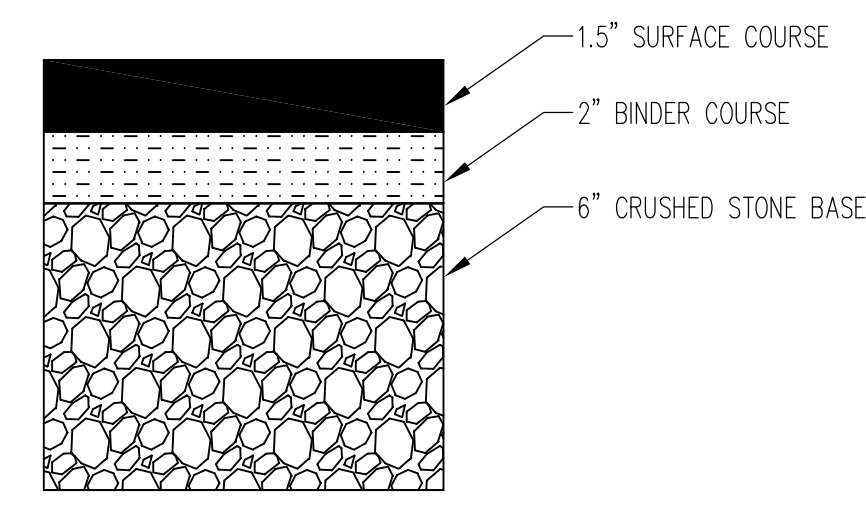
C4



1 PARKING LAYOUT
C5 NTS

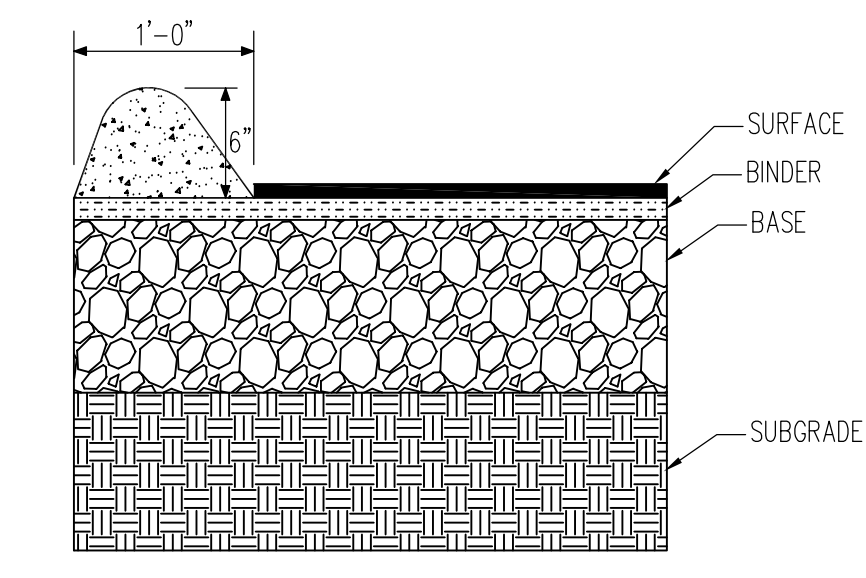


2 LANDSCAPING
C5 NTS

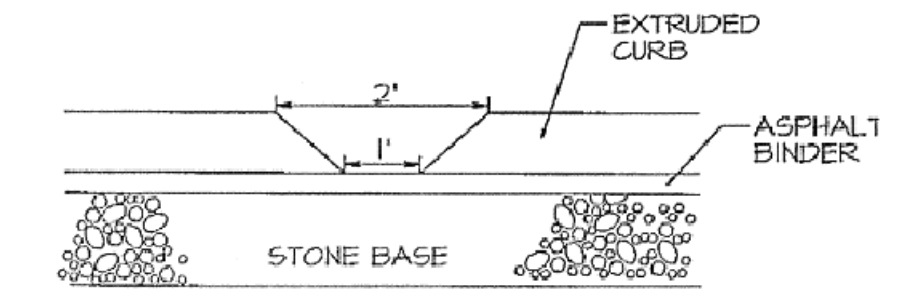


NOTES:
1. MATERIALS AND CONSTRUCTION MUST CONFORM TO T.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. FOR HEAVY DUTY PAVING, USE 8\"/>

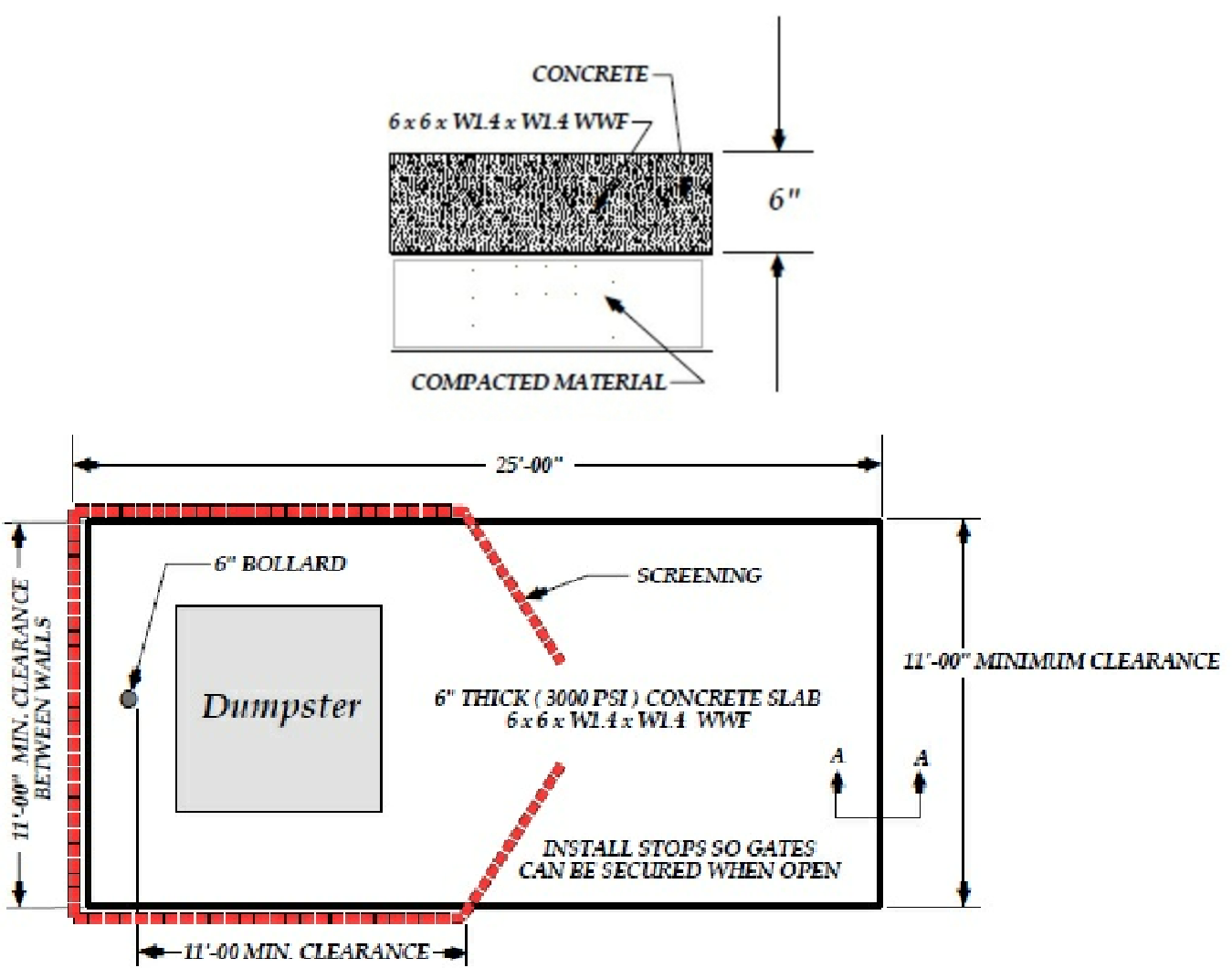
3 PAVING
C5 NTS



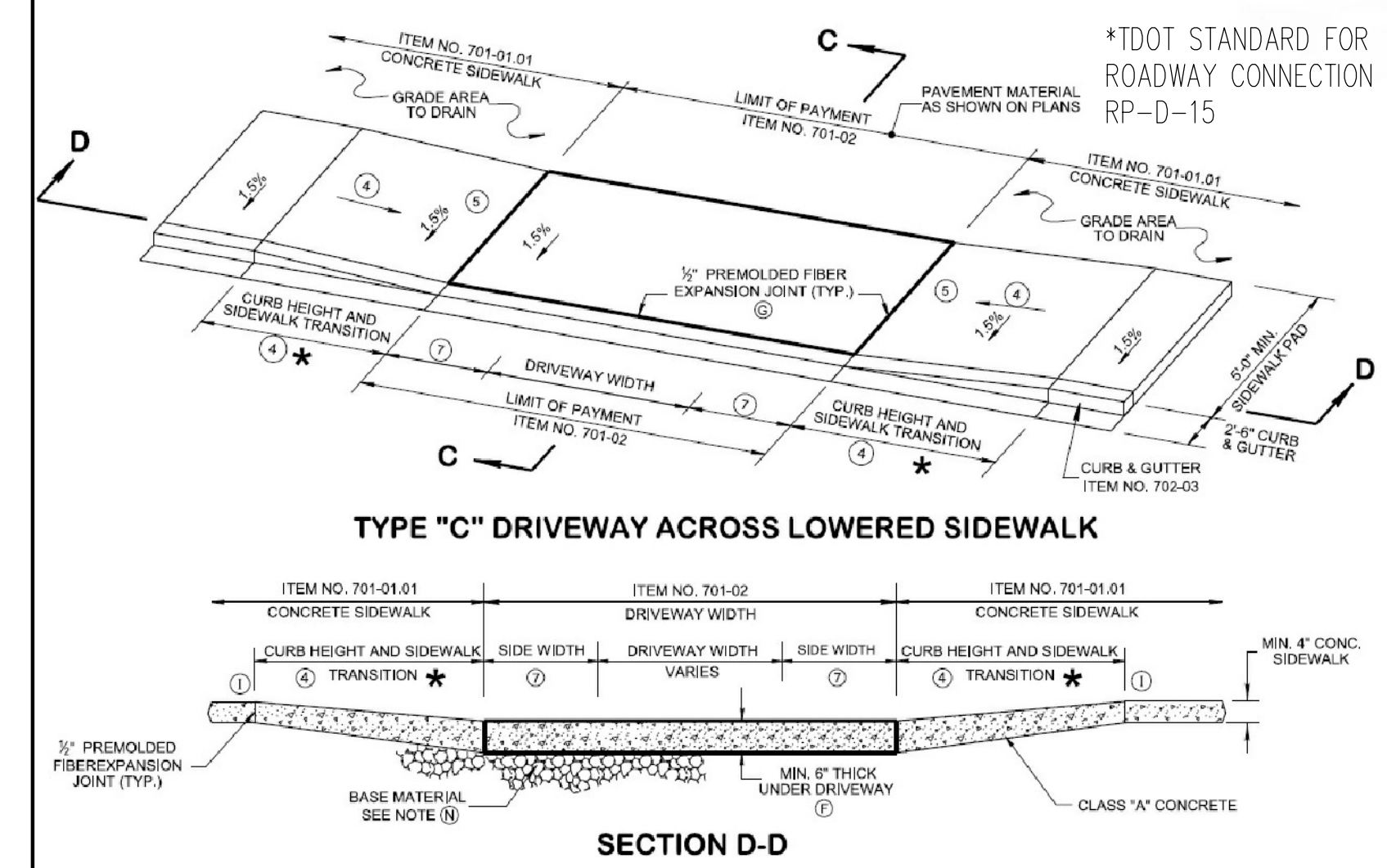
4 CURBING
C5 NTS



5 CURB CUT
C5 NTS



6 DUMPSTER PAD
C5 NTS



7 CONC. ENTRANCE
C5 NTS

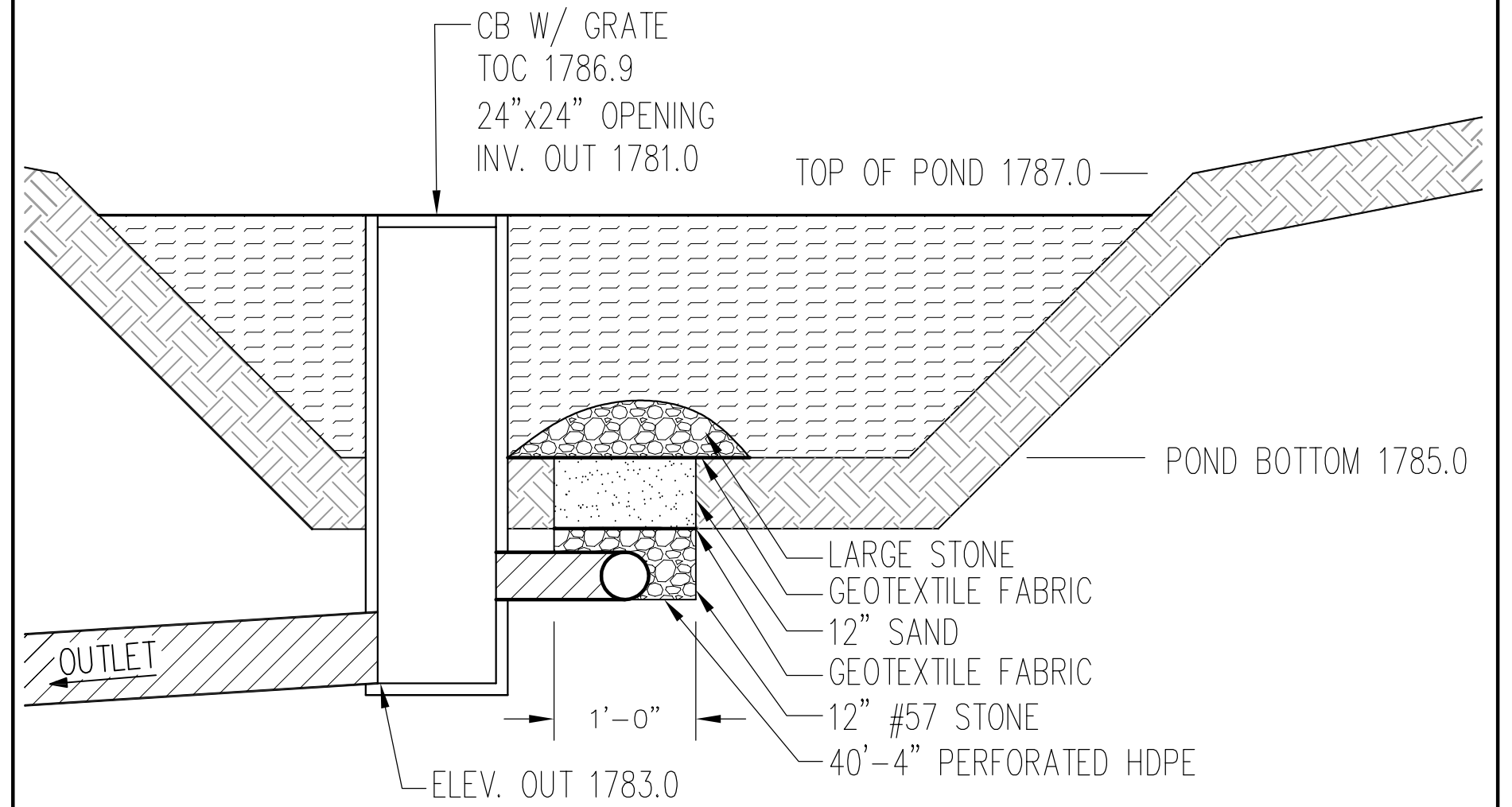
LEGEND
* DIMENSION VARIES RELATIVE TO CONTIGUOUS ROADWAY GRADE

GENERAL NOTES

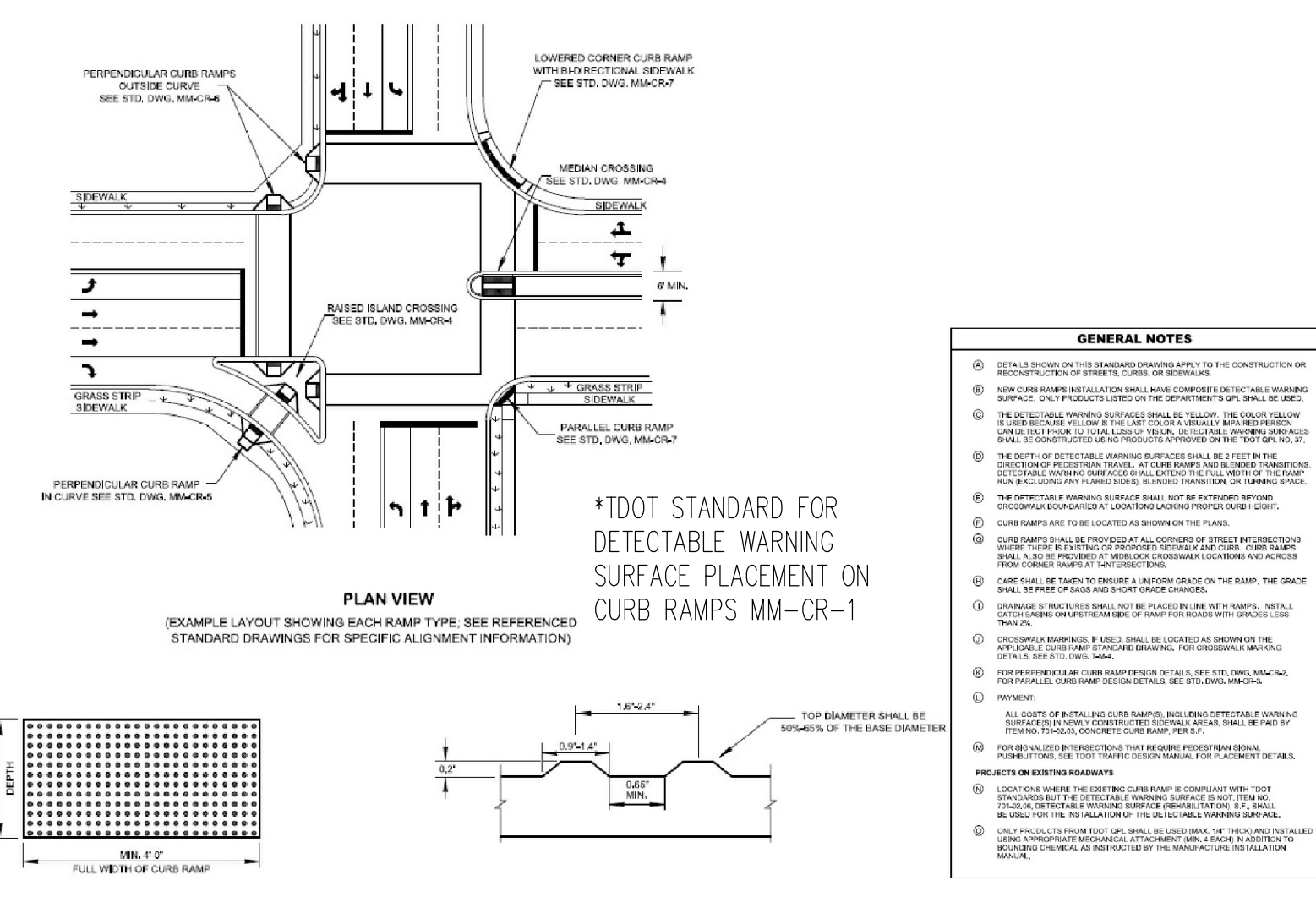
- ① DUE TO THE ELEVATION CHANGE FOR PEDESTRIANS ON THE SIDEWALK, THIS APPLICATION IS UNDESIRABLE AND IS TO BE USED IN LIMITED APPLICATIONS. SEE RP-D-15 FOR THE PREFABRICATED DRIVEWAY TYPE.
- ② 8\"/>

FOOTNOTES

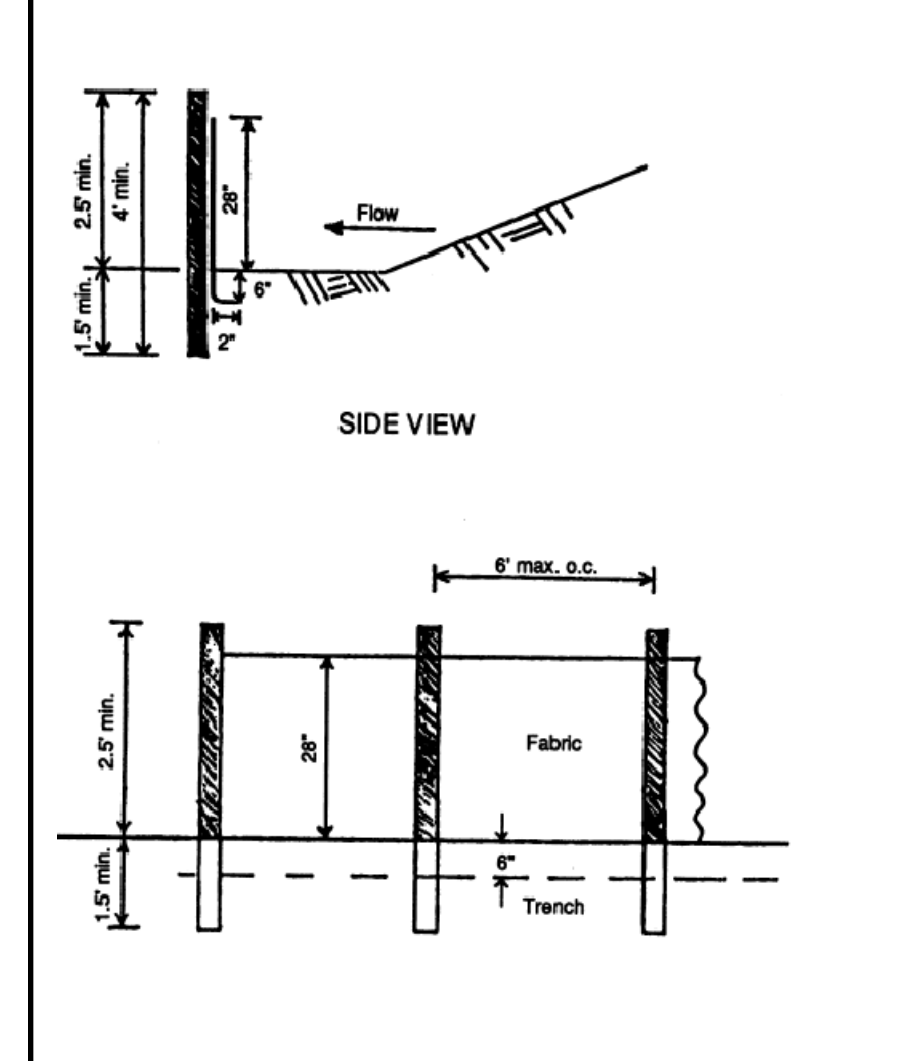
- ① SIDE FLARE WIDTH SHOULD BE A MINIMUM 7'-0\"/>



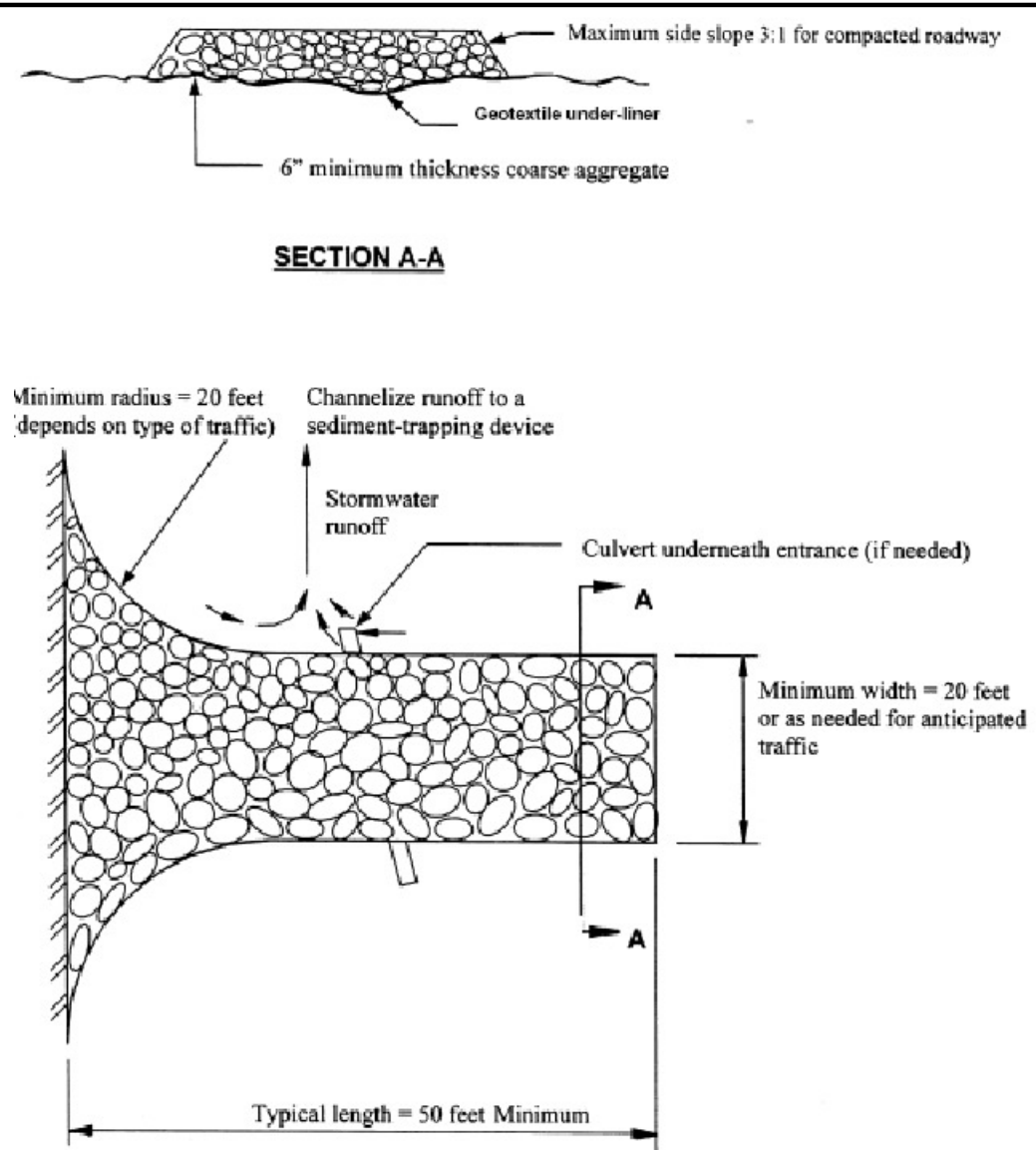
8 BIORETENTION POND
C5 NTS



9 TRUNCATED DOMES
C5 NTS



10 SILT FENCE-TYPE A
C5 NTS



11 CONSTRUCTION EXIT
C5 NTS

LAUREN ENGINEERING SERVICES, PLLC
Lauren Shibakov, P.E.
PO Box 153
Cookeville, TN 38503
(931)319-4739 ph.
laurenengineering@gmail.com

LAUREN SHIBAKOV
REGISTERED PROFESSIONAL ENGINEER
NO. 111555
STATE OF TENNESSEE

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